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Job Order Contract Construction Task Catalog®

CSI Divisions 01-46 September 2025

Riverside University Health System

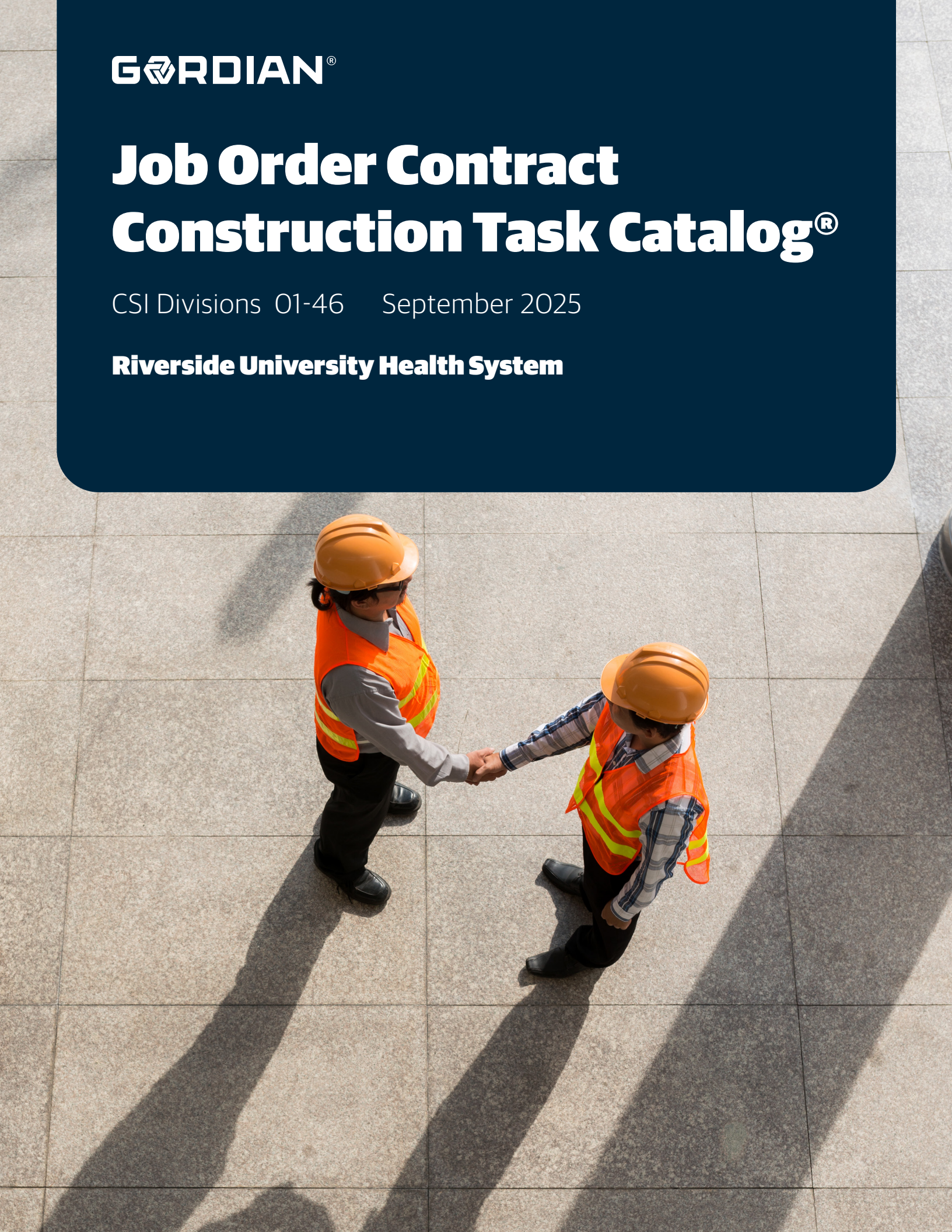

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Riverside University Health System**, priced locally using current labor, material and equipment costs, and published in September 2025.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Riverside University Health System**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

Labor Costs:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.

Equipment Costs:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

Material Costs:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

Business Costs:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.

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- ☑ Insurance and bonding.
- ☑ Profit.
- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

Project Related Costs:

- ☑ Project trailer, equipment and supplies, portable toilets, and hand wash stations for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

Price Variations:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.
- ☑ Contractors may experience differences in decimal rounding on unit prices that may vary from unit prices set forth in the CTC.

Summary:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for Tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.

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- ☑ All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

Working Height:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for

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scaffolding, lifts, or similar equipment for masonry work below 4'.

Field Engineering:

☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

Assemblies:

☑ Assembly Tasks take precedence over individual component Tasks.

Restricted and Confined Spaces:

☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.

☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

Unit of Measure Definitions:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot or Gross Square Foot, **HR** – Hour, **HWT** - Hundred Carton

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Weight, **HDAY – Half Day,** **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

Material Weights:

Earthen Material

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

Bulk Factors for Demolition:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

Conversions:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

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1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

Standard Geometry:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2) height
- Surface Area = 2 π radius^2+(2 π radius) height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary *(01)*

01 11 Summary Of Work *(01 10)*

01 11 13 Work Covered by Contract Documents *(01 11)*

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE	Work Covered by Contract Documents Note: For specification publishing. Review specifications for requirements.	0.00

01 11 19 Purchase Contracts *(01 11)*

01 11 19 00-0001 Purchase Contracts *(01 11 19)*

Note: Purchase Contracts include contracts which are not included in The Construction Task Catalog®.

01 11 19 00-0002	EA	Purchase Contracts Note: Purchase Contracts will be paid to the contractor for eligible costs as directed by Owner. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = $125.00 purchase. If there are multiple Purchase Contracts, list each one separately and add a comment in the "note" block to identify the Purchase Contracts. Insert the appropriate quantity to adjust the base cost to the actual Purchase Contracts. The Adjustment Factor should be 1.00. A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	1.00

01 11 19 00-0003 County Government Center CCTV *(01 11 19)*

Note: Convergint Technologies' scope of work includes furnishing, installing, programming and commissioning the material listed

01 11 19 00-0004	EA	High-performance fixed dome camera with Deep Learning Processing Unit (DLPU). Forensic WDR, Lightfinder 2.0 and Optimized IR. Discreet, dust- and IK10 vandal-resistant indoor casing. Varifocal 3.4-8.9 mm P-Iris lens with remote zoom and focus (AXIS 02327-001)	668.44
01 11 19 00-0005	EA	High-performance fixed dome camera with Deep Learning Processing Unit (DLPU). Forensic WDR, Lightfinder 2.0 and Optimized IR. Discreet, dust- and IK10 vandal-resistant outdoor casing. Varifocal 3.4-8.9 mm P-Iris lens with remote zoom and focus (AXIS 02328-001)	777.13
01 11 19 00-0006	EA	AXIS P3715-PLVE offers two channels with 2MP per channel, at a frame rate of 30 fps (AXIS 01970-001)	1,000.83
01 11 19 00-0007	EA	AXIS P3727-PLE Panoramic Camera offers 4x2 MP with 360 IR coverage (AXIS 02218-001)	1,502.28
01 11 19 00-0008	EA	AXIS Q3819-PVE delivers a 180 panoramic overview of extensive areas (AXIS 01819-001)	2,224.57
01 11 19 00-0009	EA	PTZ camera with continues 360 pan and build in IR illumination (660ft) with 32x optical zoom, Autofocus and Focus Recall. HDTV 1080p @ 60fps (1920x1080) in Motion JPEG, H.264, H.265, and Axis Zipstream. Day & Night, IP66, NEMA 4X and NEMA TS2 classific (AXIS 01959-004)	2,759.36
01 11 19 00-0010	EA	Chromated and powder coated aluminum wall mount with 1.5 NPS thread for fixed dome pendant kits. Cable routing from behind or through 3/4 conduit hole on the side (AXIS 5504-821) Note: Includes mounting plate, pipe seal and conduit hole cover	93.60
01 11 19 00-0011	EA	Corner Bracket that is compatible with several wall mounts: AXIS T91B61 Wall Mount, AXIS T91D61 Wall Mount 1.5 NPS, AXIS T91G61 Wall Mount, AXIS T91H61 Wall Mount, AXIS T91L61 Wall-and-Pole Mount (AXIS 5017-641)	88.30
01 11 19 00-0012	EA	AXIS T94N01D Pendant Kit comprises a weathershield and a mounting adapter for AXIS P3717-PLE Network Camera (AXIS 01513-001)	98.89
01 11 19 00-0013	EA	Aluminum wall mount with IP66 compartment to safely accommodate power and connectivity accessories (e.g. PoE midspan). IK10 and NEMA 4X rated in Axis (AXIS 5506-951)	221.61
01 11 19 00-0014	EA	Telescopic arm with adjustable length between 783 mm (30.1 in) to 1033 mm (40.7 in) for compensating different parapet thicknesses or obstructive elements on the facade of the building (AXIS 5507-271)	386.65
01 11 19 00-0015	EA	Pendant kit for the AXIS Q60-series and AXIS P55-series PTZ Network Cameras, enables mount on standard '1,5 NPT threaded brackets (AXIS 5502-431)	54.83
01 11 19 00-0016	EA	PowerEdge R740XD2 Server, Dual Intel Xeon Silver 4215 2.5G, 8C/16T, 9.6GT/s , 11M Cache, Turbo, HT (85W) DDR4-2400, 32GB RDIMM, (21) 12TB hard drives, Dual 10GbT BaseTuplinks, Dual hot plug redundant power supplies (1100W), Windows Server 2022 Standard, ProSupport: 3 Years Next Business Day On-Site Service (Dell R740XD2-252TB)	24,669.88
01 11 19 00-0017	EA	SMART-UPS 3000VA LCD RM 2U 120 (APC 2G-SMT3000RU)	2,867.96
01 11 19 00-0018	EA	Security Center Active Directory Integration (users and cardholders) (Genetec GSC-1AD-USCH)	1,555.98
01 11 19 00-0019	EA	GSC Omnicast™ Professional Package (Genetec GSC-Om-P) Note: Includes: Archiving support, Media Router, Audio, Remote Security Desk, Camera Sequences, Camera Blocking, Camera Dewarping, Time Zone, Edge recording, trickling and archive transfer, Keyboard and Joystick Support, Max. 250 cameras, Max. 10 clients, Max. 20 Archivers	1,206.64
01 11 19 00-0020	EA	1 camera connection (Genetec GSC-Om-P-1C)	245.52
01 11 19 00-0021	EA	Genetec™ Advantage for 1 Omnicast™ Pro Camera 1 year (Genetec ADV-CAM-P-1Y)	42.85
01 11 19 00-0022	EA	Aruba 6000 24G CL4 4SFP Switch U.S. (Hewlett Packard Company HPE-R8N87A#ABA)	4,285.61
01 11 19 00-0023	EA	23-4P Unshielded Solid Plenum Cat6 Grn Jkt (Windy City Wire 5566060)	471.37
01 11 19 00-0024	EA	DELLWORKSTATION (Dell DELLWORKSTATION)	4,127.95
01 11 19 00-0025	EA	32 FHD IPS PANEL TECH 400 (LG ELECTRONICS CE-32SM5JB)	1,015.68
01 11 19 00-0026	EA	K1 WALL MNT DUAL DISP 2L ARM H (CHIEF / MILESTONE CJ-K1W22HB)	414.08

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 16 00-0002		EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	1.00	

01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Local Labor/Wage Rates *(01 22 20)*

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002		HR	Asbestos Removal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	109.01	
			For Apprentice, Deduct	*-21.80*	
01 22 20 00-0003		HR	Insulator Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	115.29	
			For Apprentice, Deduct	*-23.06*	
01 22 20 00-0004		HR	Boilermaker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	122.57	
			For Apprentice, Deduct	*-24.51*	
01 22 20 00-0005		HR	Brick Layer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	102.31	
			For Apprentice, Deduct	*-20.46*	
01 22 20 00-0006		HR	Carpenter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	113.82	
			For Apprentice, Deduct	*-22.76*	
01 22 20 00-0007		HR	Carpenter, Bridge Builder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	119.27	
			For Apprentice, Deduct	*-23.85*	
			For Foreperson, Add	*5.96*	
01 22 20 00-0008		HR	Carpet, Linoleum Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	95.64	
			For Apprentice, Deduct	*-19.13*	
01 22 20 00-0009		HR	Cement Mason Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	98.66	
			For Apprentice, Deduct	*-19.73*	
01 22 20 00-0010		HR	Drywall Finisher Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	107.67	
			For Apprentice, Deduct	*-21.53*	
01 22 20 00-0011		HR	Electrician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	114.05	
			For Apprentice, Deduct	*-22.81*	
01 22 20 00-0012		HR	Electrician, Cable Splicer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	118.13	
			For Apprentice, Deduct	*-23.63*	
			For Foreperson, Add	*5.91*	
01 22 20 00-0013		HR	Communication And System Technician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	86.97	
			For Apprentice, Deduct	*-17.39*	
01 22 20 00-0014		HR	Equipment Operator, Crane Group 3 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	131.34	
			For Foreperson, Add	*6.57*	
01 22 20 00-0015		HR	Equipment Operator, Crane Group 5 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	131.86	
			For Foreperson, Add	*6.59*	
01 22 20 00-0016		HR	Equipment Operator, Crane Group 7 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	132.20	
			For Foreperson, Add	*6.61*	
01 22 20 00-0017		HR	Equipment Operator, Crane Group 8 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	132.44	
			For Foreperson, Add	*6.62*	
01 22 20 00-0018		HR	Equipment Operator, Crane Group 9 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	132.69	
			For Foreperson, Add	*6.63*	
01 22 20 00-0019		HR	Equipment Operator, Crane Group 10 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	134.15	
			For Foreperson, Add	*6.71*	
01 22 20 00-0020		HR	Equipment Operator, Crane Group 11 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	135.61	
			For Foreperson, Add	*6.78*	
01 22 20 00-0021		HR	Equipment Operator, Crane Group 12 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	137.07	
			For Foreperson, Add	*6.85*	
01 22 20 00-0022		HR	Equipment Operator, Crane Group 13 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	138.52	
			For Foreperson, Add	*6.93*	
01 22 20 00-0023		HR	Equipment Operator, Group 2 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	128.94	
			For Apprentice, Deduct	*-25.79*	
			For Foreperson, Add	*6.45*	
01 22 20 00-0024		HR	Equipment Operator, Group 3 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	129.37	
			For Apprentice, Deduct	*-25.87*	
			For Foreperson, Add	*6.47*	
01 22 20 00-0025		HR	Equipment Operator, Group 4 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	131.54	
			For Apprentice, Deduct	*-26.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0026	HR	Equipment Operator, Group 6	131.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.37*	
		For Foreperson, Add	*6.59*	
01 22 20 00-0027	HR	Equipment Operator, Group 8	132.02	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.40*	
01 22 20 00-0028	HR	Equipment Operator, Group 10	132.20	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.44*	
		For Foreperson, Add	*6.61*	
01 22 20 00-0029	HR	Equipment Operator, Group 12	132.44	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.49*	
		For Foreperson, Add	*6.62*	
01 22 20 00-0030	HR	Glazier	118.83	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-23.77*	
01 22 20 00-0031	HR	Laborer	104.01	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0032	HR	Lather	105.48	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.10*	
01 22 20 00-0033	HR	Marble Setter	101.91	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.38*	
01 22 20 00-0034	HR	Millwright	106.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.31*	
01 22 20 00-0035	HR	Mold Removal Worker	108.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.71*	
		For Foreperson, Add	*5.43*	
01 22 20 00-0036	HR	Painter, Ordinary	86.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.28*	
01 22 20 00-0037	HR	Painter, Structural Steel	93.15	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.63*	
01 22 20 00-0038	HR	Paperhanger	86.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.28*	
01 22 20 00-0039	HR	Pile Drivers	112.71	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.54*	
01 22 20 00-0040	HR	Plasterer	106.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.25*	
01 22 20 00-0041	HR	Plumber	119.22	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-23.84*	
01 22 20 00-0042	HR	Powderman	113.82	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.76*	
01 22 20 00-0043	HR	Rodman (Reinforcing)/Ornamental Steel Worker	109.97	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.99*	
01 22 20 00-0044	HR	Roofer, Composite	135.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-27.01*	
01 22 20 00-0045	HR	Roofer, Metal	161.81	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-32.36*	
		For Foreperson, Add	*8.09*	
01 22 20 00-0046	HR	Roofer, Tile/Slate	131.40	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.28*	
01 22 20 00-0047	HR	Sheet Metal Worker	131.28	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-26.26*	
01 22 20 00-0048	HR	Sprinkler Installer	96.90	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.38*	
01 22 20 00-0049	HR	Steam / Pipe Fitter	119.22	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-23.84*	
01 22 20 00-0050	HR	Stone Mason	101.91	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.38*	
01 22 20 00-0051	HR	Structural Steel Worker	113.33	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.67*	
01 22 20 00-0052	HR	Tile Layer	99.12	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.82*	
01 22 20 00-0053	HR	Terrazzo Worker	91.31	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0054	HR	Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	113.33	
		For Apprentice, Deduct	*-22.67*	
		For Foreperson, Add	*5.67*	
01 22 20 00-0055	HR	Truck Driver, Group 2 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.46	
		For Apprentice, Deduct	*-19.89*	
01 22 20 00-0056	HR	Truck Driver, Group 3 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.65	
		For Apprentice, Deduct	*-19.93*	
		For Foreperson, Add	*4.98*	
01 22 20 00-0057	HR	Truck Driver, Group 4 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.93	
		For Apprentice, Deduct	*-19.99*	
		For Foreperson, Add	*5.00*	
01 22 20 00-0058	HR	Truck Driver, Group 5 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	99.98	
		For Apprentice, Deduct	*-20.00*	
		For Foreperson, Add	*5.00*	
01 22 20 00-0059	HR	Truck Driver, Group 6 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	100.02	
		For Apprentice, Deduct	*-20.00*	
01 22 20 00-0060	HR	Truck Driver, Group 7 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	100.40	
		For Apprentice, Deduct	*-20.08*	
01 22 20 00-0061	HR	Truck Driver, Group 8 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	100.77	
		For Apprentice, Deduct	*-20.15*	
		For Foreperson, Add	*5.04*	
01 22 20 00-0062	HR	Truck Driver, Group 9 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.07	
		For Apprentice, Deduct	*-20.21*	
		For Foreperson, Add	*5.05*	
01 22 20 00-0063	HR	Class I Diver Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	223.24	
01 22 20 00-0064	HR	Class III Diver Tender Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.44	
01 22 20 00-0065	HR	D1 Certified Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	133.10	

01 22 20 00-0066 Rates For Services *(01 22 20)*

01 22 20 00-0067	HR	Watch/Guard Person, Unarmed Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	34.37	
01 22 20 00-0068	HR	Watch/Guard Person, Armed Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	42.14	
01 22 20 00-0069	HR	Senior Surveyor, Party Chief Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	139.21	
01 22 20 00-0070	HR	Surveyor, Instrument Person Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	128.25	
01 22 20 00-0071	HR	Surveyor, Rod Person Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	127.26	
01 22 20 00-0072	HR	On-Site Certified Materials Testing Technician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	87.95	
01 22 20 00-0073	HR	Certified Industrial Hygienist Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	120.42	
01 22 20 00-0074	MI	Mileage For Professional Services (Engineering, Surveying, etc.) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.70	
01 22 20 00-0075	HR	Fire Watch Laborer Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.	104.01	

01 22 20 00-0076 Rates For Project Management Services *(01 22 20)*

Note: Includes subcontracted rates with burden and mark-up

01 22 20 00-0077	HR	Senior Project Manager Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	195.84	
01 22 20 00-0078	HR	Project Manager Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	160.00	
01 22 20 00-0079	HR	Project Superintendent Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	129.54	

01 22 20 00-0080 Rates For Architectural And Engineering Services *(01 22 20)*

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services. Includes subcontracted rates with burden and mark-up

01 22 20 00-0081	HR	Principal Architect Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	243.20	
01 22 20 00-0082	HR	Senior Architect Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	179.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0083	HR	Architect Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	140.80	
01 22 20 00-0084	HR	Principal Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	209.92	
01 22 20 00-0085	HR	Senior Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	174.08	
01 22 20 00-0086	HR	Engineer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	136.96	
01 22 20 00-0087	HR	Draft Person Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	71.68	
01 22 20 00-0088	HR	Administration Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	89.60	
01 22 20 00-0089		Rates For Traffic Control *(01 22 20)*		
01 22 20 00-0090	HR	Flagperson For Traffic Control	104.01	
01 22 20 00-0091		Mobilize Equipment *(01 22 20)*		
01 22 20 00-0092	HR	Escort Vehicle With Driver	114.68	
01 22 20 00-0093	HR	Transport Vehicle With Driver	144.28	
01 22 20 00-0094		Diver Rates *(01 22 20)*		
01 22 20 00-0095	DAY	Four Person Dive Team (Up To Fifty Feet) With No Decompression Chamber Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.	5,573.19	
01 22 20 00-0096	DAY	Eight Person Dive Team (Up To Two Hundred Feet) With Decompression Chamber Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.	10,373.19	
01 22 20 00-0097	DAY	Decompression Chamber And 5120 Air Compressor	1,517.56	
01 22 20 00-0098	DAY	Decompression Chamber Stand-By	689.80	
01 22 20 00-0099	NPP	HP Air Bottles Note: Reimbursible to be billed at cost plus 15%	1.00	
01 22 20 00-0100	NPP	Oxygen Bottles Note: Reimbursible to be billed at cost plus 15%	1.00	
01 22 20 00-0101	NPP	Nitrox Bottles Note: Reimbursible to be billed at cost plus 15%	1.00	
01 22 20 00-0102	DAY	Mixed Gas Console	137.96	
01 22 20 00-0103	DAY	Bail Out System	344.90	
01 22 20 00-0104	DAY	Explosive Meter	124.16	
01 22 20 00-0105	DAY	200 Amperes, Welding Machine With Leads	239.49	
01 22 20 00-0106	DAY	400 Amperes, Welding Machine With Leads	332.79	
01 22 20 00-0107	DAY	Topside Burning Rig	137.96	
01 22 20 00-0108	DAY	Underwater Burning Rig	248.33	
01 22 20 00-0109	DAY	Underwater Welding Rig	386.29	
01 22 20 00-0110	EA	Underwater Burning Rods	10.76	
01 22 20 00-0111	EA	Underwater Welding Rods	5.24	
01 22 20 00-0112	NPP	Oxygen / Acetylene Note: Reimbursible to be billed at cost plus 15%	1.00	
01 22 20 00-0113	DAY	2,000 Watt Generator	98.01	
01 22 20 00-0114	DAY	3,000 Watt Generator	112.17	
01 22 20 00-0115	DAY	50 KW Generator	724.65	
01 22 20 00-0116	DAY	Hydraulic Unit	275.92	
01 22 20 00-0117	DAY	Hydraulic Tools	110.37	
01 22 20 00-0118	DAY	Pneumatic Tools	68.98	
01 22 20 00-0119	NPP	Concrete Chain Saw Blades Note: Reimbursible to be billed at cost plus 15%	1.00	
01 22 20 00-0120	DAY	Roto Drill	110.37	
01 22 20 00-0121	DAY	Underwater Video Equipment And Monitor	540.07	
01 22 20 00-0122	DAY	Air Compressor <180 CFM	316.51	
01 22 20 00-0123	DAY	Air Compressor >180 CFM	502.14	
01 22 20 00-0124	DAY	3" Trash Pump	197.30	
01 22 20 00-0125	DAY	4" Submersible Pump	220.64	
01 22 20 00-0126	DAY	6" Submersible Pump	445.52	
01 22 20 00-0127	DAY	6" Diesel Pump	477.34	
01 22 20 00-0128	DAY	Each 20' Lengths Of Suction Hose	21.44	
01 22 20 00-0129	DAY	Each 20' Lengths Of Discharge Hose	21.44	
01 22 20 00-0130	DAY	4 Ton Flatbed Trailer With Sides	205.75	
01 22 20 00-0131	DAY	Equipment Storage Trailer	50.92	
01 22 20 00-0132	DAY	Equipment Vehicle	336.02	
01 22 20 00-0133	DAY	Dive Boat	1,103.68	
01 22 20 00-0134	DAY	Jon Boat	110.37	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0089 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment *(01 22 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0002 Man Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	470.58	
		For Four-Wheel Drive, Add	*105.88*	
		For Half Day Usage, Deduct	*-147.06*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,184.04	
		For Four-Wheel Drive, Add	*266.41*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,656.50	
		For Four-Wheel Drive, Add	*597.71*	
		For >6 Months (>26 Weeks), Deduct	*-106.26*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	690.69	
		For Four-Wheel Drive, Add	*155.41*	
		For Half Day Usage, Deduct	*-215.84*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,647.03	
		For Four-Wheel Drive, Add	*370.58*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,605.25	
		For Four-Wheel Drive, Add	*811.18*	
		For >6 Months (>26 Weeks), Deduct	*-144.21*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,343.43	
		For Four-Wheel Drive, Add	*302.27*	
		For Half Day Usage, Deduct	*-419.82*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	3,256.11	
		For Four-Wheel Drive, Add	*732.62*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,831.00	
		For Four-Wheel Drive, Add	*1,536.98*	
		For >6 Months (>26 Weeks), Deduct	*-273.24*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,912.68	
		For Four-Wheel Drive, Add	*430.35*	
		For Half Day Usage, Deduct	*-597.71*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,605.61	
		For Four-Wheel Drive, Add	*1,036.26*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	11,476.08	
		For Four-Wheel Drive, Add	*2,582.12*	
		For >6 Months (>26 Weeks), Deduct	*-459.04*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,330.13	
		For Four-Wheel Drive, Add	*524.28*	
		For Half Day Usage, Deduct	*-728.17*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,942.97	
		For Four-Wheel Drive, Add	*1,337.17*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	13,510.20	
		For Four-Wheel Drive, Add	*3,039.80*	
		For >6 Months (>26 Weeks), Deduct	*-540.41*	

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	460.02	
		For Half Day Usage, Deduct	*-143.76*	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,154.23	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,776.85	
		For >6 Months (>26 Weeks), Deduct	*-111.07*	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	585.48	
		For Half Day Usage, Deduct	*-182.96*	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,279.69	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,176.65	
		For >6 Months (>26 Weeks), Deduct	*-127.07*	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	752.76	
		For Half Day Usage, Deduct	*-235.24*	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,739.71	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,889.26	
		For >6 Months (>26 Weeks), Deduct	*-155.57*	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,313.15	
		For Half Day Usage, Deduct	*-410.36*	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,094.68	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	7,525.93	
		For >6 Months (>26 Weeks), Deduct	*-301.04*	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,551.02	
		For Half Day Usage, Deduct	*-797.19*	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,022.08	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	14,720.64	
		For >6 Months (>26 Weeks), Deduct	*-588.83*	

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	460.02	
		For Half Day Usage, Deduct	*-143.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,154.23	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,776.85	
		For >6 Months (>26 Weeks), Deduct	*-111.07*	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	460.02	
		For Half Day Usage, Deduct	*-143.76*	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,154.23	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,776.85	
		For >6 Months (>26 Weeks), Deduct	*-111.07*	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	568.75	
		For Half Day Usage, Deduct	*-177.73*	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,229.51	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	3,052.86	
		For >6 Months (>26 Weeks), Deduct	*-122.11*	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	568.75	
		For Half Day Usage, Deduct	*-177.73*	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,229.51	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	3,052.86	
		For >6 Months (>26 Weeks), Deduct	*-122.11*	

01 22 23 00-0050 Platform Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0051 Electric, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	179.28	
		For Half Day Usage, Deduct	*-56.03*	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	358.56	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	733.41	
		For >6 Months (>26 Weeks), Deduct	*-29.34*	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	195.58	
		For Half Day Usage, Deduct	*-61.12*	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	391.15	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	782.30	
		For >6 Months (>26 Weeks), Deduct	*-31.29*	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	252.62	
		For Half Day Usage, Deduct	*-78.94*	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	505.24	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,083.82	
		For >6 Months (>26 Weeks), Deduct	*-43.35*	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	325.96	
		For Half Day Usage, Deduct	*-101.86*	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	643.77	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,426.08	
		For >6 Months (>26 Weeks), Deduct	*-57.04*	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	350.41	
		For Half Day Usage, Deduct	*-109.50*	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	684.52	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,548.31	
		For >6 Months (>26 Weeks), Deduct	*-61.93*	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	456.34	
		For Half Day Usage, Deduct	*-142.61*	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,132.71	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,153.66	
		For >6 Months (>26 Weeks), Deduct	*-126.15*	

01 22 23 00-0070 Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	413.82	
		For Four-Wheel Drive, Add	*82.76*	
		For Half Day Usage, Deduct	*-129.32*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	809.25	
		For Four-Wheel Drive, Add	*161.85*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,977.14	
		For Four-Wheel Drive, Add	*395.43*	
		For >6 Months (>26 Weeks), Deduct	*-79.09*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	423.02	
		For Four-Wheel Drive, Add	*84.60*	
		For Half Day Usage, Deduct	*-132.19*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	965.58	
		For Four-Wheel Drive, Add	*193.12*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,115.08	
		For Four-Wheel Drive, Add	*423.02*	
		For >6 Months (>26 Weeks), Deduct	*-84.60*	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	469.00	
		For Four-Wheel Drive, Add	*93.80*	
		For Half Day Usage, Deduct	*-146.56*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,075.93	
		For Four-Wheel Drive, Add	*215.19*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,390.96	
		For Four-Wheel Drive, Add	*478.19*	
		For >6 Months (>26 Weeks), Deduct	*-95.64*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	496.58	
		For Four-Wheel Drive, Add	*99.32*	
		For Half Day Usage, Deduct	*-155.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,158.70	
		For Four-Wheel Drive, Add	*231.74*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,850.76	
		For Four-Wheel Drive, Add	*570.15*	
		For >6 Months (>26 Weeks), Deduct	*-114.03*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	928.80	
		For Four-Wheel Drive, Add	*185.76*	
		For Half Day Usage, Deduct	*-290.25*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,041.51	
		For Four-Wheel Drive, Add	*408.30*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	5,021.02	
		For Four-Wheel Drive, Add	*1,004.20*	
		For >6 Months (>26 Weeks), Deduct	*-200.84*	

01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	137.83	
		For Half Day Usage, Deduct	*-43.07*	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	390.51	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	788.67	
		For >6 Months (>26 Weeks), Deduct	*-31.55*	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	191.42	
		For Half Day Usage, Deduct	*-59.82*	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	405.82	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,378.26	
		For >6 Months (>26 Weeks), Deduct	*-55.13*	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	321.59	
		For Half Day Usage, Deduct	*-100.50*	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	781.01	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,281.79	
		For >6 Months (>26 Weeks), Deduct	*-91.27*	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	344.56	
		For Half Day Usage, Deduct	*-107.68*	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	857.58	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,580.41	
		For >6 Months (>26 Weeks), Deduct	*-103.22*	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	183.77	
		For Half Day Usage, Deduct	*-57.43*	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	367.54	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	735.07	
		For >6 Months (>26 Weeks), Deduct	*-29.40*	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	183.77	
		For Half Day Usage, Deduct	*-57.43*	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	367.54	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	764.17	
		For >6 Months (>26 Weeks), Deduct	*-30.57*	

01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY	29' To 33' Bucket Truck With Full-Time Operator	1,499.14	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-618.52*	
01 22 23 00-0107	WK	29' To 33' Bucket Truck With Full-Time Operator	6,097.81	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0108	MO	29' To 33' Bucket Truck With Full-Time Operator	22,674.98	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-213.49*	
01 22 23 00-0109	DAY	38' To 41' Bucket Truck With Full-Time Operator	1,588.10	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-646.32*	
01 22 23 00-0110	WK	38' To 41' Bucket Truck With Full-Time Operator	6,383.74	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0111	MO	38' To 41' Bucket Truck With Full-Time Operator	23,437.46	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-243.99*	
01 22 23 00-0112	DAY	45' To 48' Bucket Truck With Full-Time Operator	1,816.84	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-717.80*	
01 22 23 00-0113	WK	45' To 48' Bucket Truck With Full-Time Operator	6,796.75	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0114	MO	45' To 48' Bucket Truck With Full-Time Operator	24,327.02	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-279.58*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,325.16	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-876.65*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	8,448.79	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	28,774.82	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-457.49*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,579.32	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-956.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	9,338.35	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	31,951.82	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-584.57*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,706.40	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-995.79*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	9,719.59	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	32,256.81	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-596.77*	

01 22 23 00-0124 Air Equipment *(01 22 23)*

01 22 23 00-0125 Air Compressors *(01 22 23 00-0124)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	178.48	
		For Half Day Usage, Deduct	*-55.78*	
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	535.46	
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,487.38	
		For >6 Months (>26 Weeks), Deduct	*-59.50*	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	214.18	
		For Half Day Usage, Deduct	*-66.93*	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	630.65	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,784.85	
		For >6 Months (>26 Weeks), Deduct	*-71.39*	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	285.58	
		For Half Day Usage, Deduct	*-89.24*	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	642.55	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,415.98	
		For >6 Months (>26 Weeks), Deduct	*-56.64*	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	404.57	
		For Half Day Usage, Deduct	*-126.43*	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	1,023.31	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,439.30	
		For >6 Months (>26 Weeks), Deduct	*-97.57*	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	899.56	
		For Half Day Usage, Deduct	*-281.11*	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,165.62	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,397.39	
		For >6 Months (>26 Weeks), Deduct	*-215.90*	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,082.81	
		For Half Day Usage, Deduct	*-338.38*	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,665.38	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,544.45	
		For >6 Months (>26 Weeks), Deduct	*-261.78*	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,082.81	
		For Half Day Usage, Deduct	*-338.38*	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,665.38	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,544.45	
		For >6 Months (>26 Weeks), Deduct	*-261.78*	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,261.29	
		For Half Day Usage, Deduct	*-394.15*	
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,827.20	
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	7,539.21	
		For >6 Months (>26 Weeks), Deduct	*-301.57*	
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,570.67	
		For Half Day Usage, Deduct	*-490.83*	
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,534.00	
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	9,424.01	
		For >6 Months (>26 Weeks), Deduct	*-376.96*	

01 22 23 00-0153 Portable Negative Air Machines *(01 22 23 00-0124)*

Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	123.87	
		For Half Day Usage, Deduct	*-38.71*	
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	508.76	
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,537.34	
		For >6 Months (>26 Weeks), Deduct	*-61.49*	
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines	16.07	
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	33.76	
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	164.13	
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	2.64	

01 22 23 00-0161 Portable Air Scrubbers *(01 22 23 00-0124)*

Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	77.29	
		For Half Day Usage, Deduct	*-24.15*	
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	321.26	
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	889.30	
		For >6 Months (>26 Weeks), Deduct	*-35.57*	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	97.78	
		For Half Day Usage, Deduct	*-30.56*	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	405.07	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,187.28	
		For >6 Months (>26 Weeks), Deduct	*-47.49*	
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	125.71	
		For Half Day Usage, Deduct	*-39.28*	
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	535.44	
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,499.23	
		For >6 Months (>26 Weeks), Deduct	*-59.97*	
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers	21.65	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	29.10	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	275.87	

01 22 23 00-0174 Mobile Ceiling Access Carts For Containment And Filtration(HEPACART HC74) *(01 22 23 00-0124)*

Note: A two person, end entry ceiling access cart with aluminum frame and caster, ICRA LEVEL I-IV compliant, HEPA filtered negative air machine, negative air indicator, 25' retractable extension cord, 10'-6" telescoping antimicrobial enclosure and LED lighting. Includes first and second stage pre-filters, HEPA filter, delivery to job site and pick-up when complete.

01 22 23 00-0175	DAY	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	290.28	
		For Half Day Usage, Deduct	*-90.71*	
01 22 23 00-0176	WK	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	947.74	
01 22 23 00-0177	MO	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	3,101.25	
		For >6 Months (>26 Weeks), Deduct	*-124.05*	

01 22 23 00-0178 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0179 Pavers And Rollers *(01 22 23 00-0178)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0180 Pavers *(01 22 23 00-0179)*

01 22 23 00-0181	DAY	10' Wide Paving Machine With Full-Time Operator	4,611.74	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,639.20*	
01 22 23 00-0182	WK	10' Wide Paving Machine With Full-Time Operator	19,503.09	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0183	MO	10' Wide Paving Machine With Full-Time Operator	73,678.26	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-2,031.79*	

01 22 23 00-0184 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0179)*

01 22 23 00-0185	DAY	10 To 12 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,399.37	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-635.34*	
01 22 23 00-0186	WK	10 To 12 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,318.85	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0187	MO	10 To 12 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	25,701.42	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-112.71*	
01 22 23 00-0188	DAY	15 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,531.83	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-676.73*	
01 22 23 00-0189	WK	15 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	7,303.89	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0190	MO	15 Ton, Ride-On Self-Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	27,188.61	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-172.20*	
01 22 23 00-0191	DAY	30 Ton, Ride-On Self-Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,537.85	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-678.61*	
01 22 23 00-0192	WK	30 Ton, Ride-On Self-Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	6,912.52	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0193	MO	30 Ton, Ride-On Self-Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	27,477.61	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-183.76*	

01 22 23 00-0194 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0179)*

01 22 23 00-0195	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,453.56	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-652.27*	
01 22 23 00-0196	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,382.67	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0197	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	26,068.70	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-127.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0198	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,706.44	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-731.29*	
01 22 23 00-0199	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,894.46	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0200	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	27,682.33	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-191.95*	
01 22 23 00-0201	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,766.65	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-750.11*	
01 22 23 00-0202	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	7,273.78	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0203	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	28,742.02	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-234.34*	

01 22 23 00-0204 Towed, Padfoot Rollers *(01 22 23 00-0179)*

01 22 23 00-0205	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	114.40	
		For Half Day Usage, Deduct	*-35.75*	
01 22 23 00-0206	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	331.16	
01 22 23 00-0207	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	975.40	
		For >6 Months (>26 Weeks), Deduct	*-39.02*	
01 22 23 00-0208	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	144.50	
		For Half Day Usage, Deduct	*-45.16*	
01 22 23 00-0209	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	403.41	
01 22 23 00-0210	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,715.98	
		For >6 Months (>26 Weeks), Deduct	*-68.64*	

01 22 23 00-0211 Static Rollers *(01 22 23 00-0179)*

01 22 23 00-0212	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,483.66	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-661.68*	
01 22 23 00-0213	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	6,641.58	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0214	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	26,917.66	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-161.36*	
01 22 23 00-0215	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,616.12	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-703.07*	
01 22 23 00-0216	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	7,002.84	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0217	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	27,917.15	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-201.34*	

01 22 23 00-0218 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0179)*

01 22 23 00-0219	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,290.99	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-601.47*	
01 22 23 00-0220	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,967.22	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0221	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	24,689.89	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-72.25*	
01 22 23 00-0222	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,381.30	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-629.69*	
01 22 23 00-0223	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,238.17	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0224	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,412.41	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-101.15*	
01 22 23 00-0225	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,441.51	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-648.50*	
01 22 23 00-0226	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,418.80	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0227	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,894.09	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-120.42*	
01 22 23 00-0228	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,519.79	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-672.97*	
01 22 23 00-0229	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,647.60	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0230	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	26,490.17	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-144.26*	
01 22 23 00-0231	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,676.33	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-721.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0232	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	7,105.19	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0233	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	27,700.39	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-192.67*	

01 22 23 00-0234 Steel Roadway Plates *(01 22 23 00-0178)*

Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0235 for for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0235	EA	Placement And Removal Of Steel Roadway Plates	63.52	
01 22 23 00-0236	DAY	1" x 4' x 8' Steel Plate	44.88	
01 22 23 00-0237	WK	1" x 4' x 8' Steel Plate	105.98	
01 22 23 00-0238	MO	1" x 4' x 8' Steel Plate	139.47	
		For >6 Months (>26 Weeks), Deduct	*-5.58*	
01 22 23 00-0239	DAY	1" x 4' x 10' Steel Plate	59.85	
01 22 23 00-0240	WK	1" x 4' x 10' Steel Plate	134.65	
01 22 23 00-0241	MO	1" x 4' x 10' Steel Plate	164.58	
		For >6 Months (>26 Weeks), Deduct	*-6.58*	
01 22 23 00-0242	DAY	1" x 5' x 10' Steel Plate	62.34	
01 22 23 00-0243	WK	1" x 5' x 10' Steel Plate	140.89	
01 22 23 00-0244	MO	1" x 5' x 10' Steel Plate	374.04	
		For >6 Months (>26 Weeks), Deduct	*-14.96*	
01 22 23 00-0245	DAY	1" x 6' x 8' Steel Plate	39.90	
01 22 23 00-0246	WK	1" x 6' x 8' Steel Plate	89.77	
01 22 23 00-0247	MO	1" x 6' x 8' Steel Plate	239.39	
		For >6 Months (>26 Weeks), Deduct	*-9.58*	
01 22 23 00-0248	DAY	1" x 6' x 10' Steel Plate	74.81	
01 22 23 00-0249	WK	1" x 6' x 10' Steel Plate	98.50	
01 22 23 00-0250	MO	1" x 6' x 10' Steel Plate	263.07	
		For >6 Months (>26 Weeks), Deduct	*-10.52*	
01 22 23 00-0251	DAY	1" x 6' x 12' Steel Plate	104.73	
01 22 23 00-0252	WK	1" x 6' x 12' Steel Plate	134.03	
01 22 23 00-0253	MO	1" x 6' x 12' Steel Plate	362.82	
		For >6 Months (>26 Weeks), Deduct	*-14.51*	
01 22 23 00-0254	DAY	1" x 8' x 10' Steel Plate	66.08	
01 22 23 00-0255	WK	1" x 8' x 10' Steel Plate	148.37	
01 22 23 00-0256	MO	1" x 8' x 10' Steel Plate	395.24	
		For >6 Months (>26 Weeks), Deduct	*-15.81*	
01 22 23 00-0257	DAY	1" x 8' x 12' Steel Plate	119.69	
01 22 23 00-0258	WK	1" x 8' x 12' Steel Plate	148.37	
01 22 23 00-0259	MO	1" x 8' x 12' Steel Plate	718.16	
		For >6 Months (>26 Weeks), Deduct	*-28.73*	
01 22 23 00-0260	DAY	1" x 8' x 16' Steel Plate	159.59	
01 22 23 00-0261	WK	1" x 8' x 16' Steel Plate	359.08	
01 22 23 00-0262	MO	1" x 8' x 16' Steel Plate	957.54	
		For >6 Months (>26 Weeks), Deduct	*-38.30*	
01 22 23 00-0263	DAY	1-1/4" x 8' x 10' Steel Plate	79.30	
01 22 23 00-0264	WK	1-1/4" x 8' x 10' Steel Plate	178.04	
01 22 23 00-0265	MO	1-1/4" x 8' x 10' Steel Plate	474.28	
		For >6 Months (>26 Weeks), Deduct	*-18.97*	
01 22 23 00-0266	DAY	1-1/2" x 8' x 15' Steel Plate	183.53	
01 22 23 00-0267	WK	1-1/2" x 8' x 15' Steel Plate	412.94	
01 22 23 00-0268	MO	1-1/2" x 8' x 15' Steel Plate	1,101.17	
		For >6 Months (>26 Weeks), Deduct	*-44.05*	
01 22 23 00-0269	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.80	1.28
01 22 23 00-0270	EA	Removal And Resetting Of Steel Roadway Plate	35.29	

01 22 23 00-0271 Street Sweepers *(01 22 23 00-0178)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0272	DAY	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	1,209.72	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-575.35*	
01 22 23 00-0273	WK	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	5,885.32	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0274	MO	8' Road Broom, Self-Propelled Street Sweeper With Full-Time Operator	25,022.43	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-88.89*	
01 22 23 00-0275	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	2,825.84	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-1,080.39*	
01 22 23 00-0276	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	12,365.44	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0277	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	48,152.15	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-1,014.08*	

01 22 23 00-0278 Earthmoving Equipment *(01 22 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0279		**Skid-Steer Loaders** *(01 22 23 00-0278)* Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.		
01 22 23 00-0280	DAY	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,483.09	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-660.78*	
01 22 23 00-0281	WK	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	6,391.68	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0282	MO	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	25,521.80	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-108.86*	
01 22 23 00-0283	DAY	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,596.64	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-696.26*	
01 22 23 00-0284	WK	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	6,597.16	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0285	MO	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	25,972.40	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-126.89*	
01 22 23 00-0286	DAY	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,629.09	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-706.40*	
01 22 23 00-0287	WK	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,892.75	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0288	MO	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	26,756.45	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-158.25*	
01 22 23 00-0289	DAY	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,755.26	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-745.83*	
01 22 23 00-0290	WK	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,307.30	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0291	MO	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	28,126.27	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-213.04*	
01 22 23 00-0292	DAY	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,971.54	
		For Equipment Without Operator, Deduct	*-1,052.32*	
		For Half Day Usage, Deduct	*-813.42*	
01 22 23 00-0293	WK	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	8,127.40	
		For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-0294	MO	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	30,144.96	
		For Equipment Without Operator, Deduct	*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct	*-293.79*	
01 22 23 00-0295	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	360.48	
		For Half Day Usage, Deduct	*-112.65*	
01 22 23 00-0296	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,198.60	
01 22 23 00-0297	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	3,190.25	
		For >6 Months (>26 Weeks), Deduct	*-127.61*	
01 22 23 00-0298	DAY	Forklift Attachment For Skid-Steer Loaders	77.50	
		For Half Day Usage, Deduct	*-24.22*	
01 22 23 00-0299	WK	Forklift Attachment For Skid-Steer Loaders	207.28	
01 22 23 00-0300	MO	Forklift Attachment For Skid-Steer Loaders	585.78	
		For >6 Months (>26 Weeks), Deduct	*-23.43*	
01 22 23 00-0301	DAY	Backhoe Attachment For Skid-Steer Loaders	171.23	
		For Half Day Usage, Deduct	*-53.51*	
01 22 23 00-0302	WK	Backhoe Attachment For Skid-Steer Loaders	410.95	
01 22 23 00-0303	MO	Backhoe Attachment For Skid-Steer Loaders	1,021.96	
		For >6 Months (>26 Weeks), Deduct	*-40.88*	
01 22 23 00-0304	DAY	Broom Attachment For Skid-Steer Loaders	169.43	
		For Half Day Usage, Deduct	*-52.95*	
01 22 23 00-0305	WK	Broom Attachment For Skid-Steer Loaders	459.61	
01 22 23 00-0306	MO	Broom Attachment For Skid-Steer Loaders	1,216.62	
		For >6 Months (>26 Weeks), Deduct	*-48.66*	
01 22 23 00-0307	DAY	Concrete Pump Attachment For Skid-Steer Loaders	360.48	
		For Half Day Usage, Deduct	*-112.65*	
01 22 23 00-0308	WK	Concrete Pump Attachment For Skid-Steer Loaders	1,198.60	
01 22 23 00-0309	MO	Concrete Pump Attachment For Skid-Steer Loaders	3,190.25	
		For >6 Months (>26 Weeks), Deduct	*-127.61*	
01 22 23 00-0310	DAY	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	147.80	
		For Half Day Usage, Deduct	*-46.19*	
01 22 23 00-0311	WK	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	407.34	
01 22 23 00-0312	MO	Auger Attachment For Skid-Steer Loaders Note: Excludes bits and extensions	1,112.08	
		For >6 Months (>26 Weeks), Deduct	*-44.48*	
01 22 23 00-0313	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	40.73	
		For Half Day Usage, Deduct	*-12.73*	
01 22 23 00-0314	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	106.58	
01 22 23 00-0315	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	313.46	
		For >6 Months (>26 Weeks), Deduct	*-12.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0316	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	54.85	
		For Half Day Usage, Deduct	*-17.14*	
01 22 23 00-0317	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	136.35	
01 22 23 00-0318	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	407.50	
		For >6 Months (>26 Weeks), Deduct	*-16.30*	
01 22 23 00-0319	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	79.92	
		For Half Day Usage, Deduct	*-24.98*	
01 22 23 00-0320	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	242.95	
01 22 23 00-0321	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers Note: Excludes auger attachment	720.96	
		For >6 Months (>26 Weeks), Deduct	*-28.84*	
01 22 23 00-0322	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	16.22	
		For Half Day Usage, Deduct	*-5.07*	
01 22 23 00-0323	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	37.85	
01 22 23 00-0324	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers Note: Excludes auger attachment	100.93	
		For >6 Months (>26 Weeks), Deduct	*-4.04*	
01 22 23 00-0325		**Bulldozers** *(01 22 23 00-0278)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0326	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,462.20	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-654.97*	
01 22 23 00-0327	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,881.98	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0328	MO	70 HP, D3 Bulldozer With Full-Time Operator	27,633.41	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-189.99*	
01 22 23 00-0329	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,653.73	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-714.82*	
01 22 23 00-0330	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,655.74	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0331	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	30,008.32	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-284.99*	
01 22 23 00-0332	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,197.66	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-884.80*	
01 22 23 00-0333	WK	140 HP, D6 Bulldozer With Full-Time Operator	9,831.46	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0334	MO	140 HP, D6 Bulldozer With Full-Time Operator	36,520.17	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-545.46*	
01 22 23 00-0335	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,680.30	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,035.63*	
01 22 23 00-0336	WK	200 HP, D7 Bulldozer With Full-Time Operator	11,769.70	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0337	MO	200 HP, D7 Bulldozer With Full-Time Operator	42,342.53	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-778.36*	
01 22 23 00-0338	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,254.88	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,215.18*	
01 22 23 00-0339	WK	335 HP, D8 Bulldozer With Full-Time Operator	14,068.00	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0340	MO	335 HP, D8 Bulldozer With Full-Time Operator	49,237.43	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-1,054.15*	
01 22 23 00-0341	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,576.64	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,315.73*	
01 22 23 00-0342	WK	460 HP, D9 Bulldozer With Full-Time Operator	15,347.38	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0343	MO	460 HP, D9 Bulldozer With Full-Time Operator	53,067.93	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-1,207.37*	
01 22 23 00-0344		**Motor Scraper** *(01 22 23 00-0278)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0345	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator	2,398.64	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-947.61*	
01 22 23 00-0346	WK	11 CY Motor Scraper-Hauler With Full-Time Operator	10,650.71	
		For Equipment Without Operator, Deduct	*-5,280.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0347	MO	11 CY Motor Scraper-Hauler With Full-Time Operator	38,974.84	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-643.65*	
01 22 23 00-0348	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator	2,941.15	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,117.14*	
01 22 23 00-0349	WK	18 CY Motor Scraper-Hauler With Full-Time Operator	12,820.73	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0350	MO	18 CY Motor Scraper-Hauler With Full-Time Operator	45,503.29	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-904.79*	
01 22 23 00-0351	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator	3,465.26	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,280.93*	
01 22 23 00-0352	WK	24 CY Motor Scraper-Hauler With Full-Time Operator	14,907.99	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0353	MO	24 CY Motor Scraper-Hauler With Full-Time Operator	51,755.89	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-1,154.89*	

01 22 23 00-0354 Hydraulic Excavators *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0355	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,424.07	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-643.05*	
01 22 23 00-0356	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	6,582.11	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0357	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	27,243.91	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-174.41*	
01 22 23 00-0358	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,527.63	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-675.42*	
01 22 23 00-0359	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	7,038.58	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0360	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	29,069.79	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-247.45*	
01 22 23 00-0361	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,560.33	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-685.64*	
01 22 23 00-0362	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	7,208.91	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0363	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	29,369.57	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-259.44*	
01 22 23 00-0364	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,594.40	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-696.28*	
01 22 23 00-0365	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	7,365.61	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0366	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	29,669.34	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-271.43*	
01 22 23 00-0367	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,621.65	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-704.80*	
01 22 23 00-0368	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	7,529.12	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0369	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	29,969.11	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-283.42*	
01 22 23 00-0370	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,989.55	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-819.77*	
01 22 23 00-0371	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,993.91	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0372	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	34,022.85	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-445.57*	
01 22 23 00-0373	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	2,044.05	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-836.80*	
01 22 23 00-0374	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	9,232.37	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0375	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	34,738.21	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-474.18*	
01 22 23 00-0376	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,146.25	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-868.74*	
01 22 23 00-0377	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,641.15	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0378	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	35,964.55	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-523.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0379	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,262.07	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-904.93*	
01 22 23 00-0380	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	10,097.62	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0381	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	37,327.15	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-577.74*	
01 22 23 00-0382	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,296.14	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-915.58*	
01 22 23 00-0383	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	10,233.88	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0384	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	37,735.93	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-594.09*	
01 22 23 00-0385	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,623.16	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,017.77*	
01 22 23 00-0386	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,548.79	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0387	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	41,687.47	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-752.16*	
01 22 23 00-0388	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,093.26	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,164.68*	
01 22 23 00-0389	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	13,415.55	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0390	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	47,274.13	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-975.62*	
01 22 23 00-0391	DAY	6 To 11 CY Hydraulic Excavator With Full-Time Operator	3,672.36	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,345.64*	
01 22 23 00-0392	WK	6 To 11 CY Hydraulic Excavator With Full-Time Operator	15,731.97	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0393	MO	6 To 11 CY Hydraulic Excavator With Full-Time Operator	54,223.39	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-1,253.59*	
01 22 23 00-0394	DAY	Up To 50' Depth, 50,000 Lb. Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	2,173.50	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-877.25*	
01 22 23 00-0395	WK	Up To 50' Depth, 50,000 Lb. Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	9,736.53	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0396	MO	Up To 50' Depth, 50,000 Lb. Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	36,237.07	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-534.14*	
01 22 23 00-0397	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	95.38	
		For Half Day Usage, Deduct	*-29.81*	
01 22 23 00-0398	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	367.90	
01 22 23 00-0399	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,090.08	
		For >6 Months (>26 Weeks), Deduct	*-43.60*	
01 22 23 00-0400	DAY	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	422.41	
		For Half Day Usage, Deduct	*-132.00*	
01 22 23 00-0401	WK	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,117.33	
01 22 23 00-0402	MO	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	3,127.17	
		For >6 Months (>26 Weeks), Deduct	*-125.09*	
01 22 23 00-0403	DAY	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	654.05	
		For Half Day Usage, Deduct	*-204.39*	
01 22 23 00-0404	WK	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,669.18	
01 22 23 00-0405	MO	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	4,339.88	
		For >6 Months (>26 Weeks), Deduct	*-173.60*	
01 22 23 00-0406	DAY	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	912.94	
		For Half Day Usage, Deduct	*-285.29*	
01 22 23 00-0407	WK	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	2,459.49	
01 22 23 00-0408	MO	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	6,894.76	
		For >6 Months (>26 Weeks), Deduct	*-275.79*	
01 22 23 00-0409	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	190.76	
		For Half Day Usage, Deduct	*-59.61*	
01 22 23 00-0410	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	763.06	
01 22 23 00-0411	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,289.17	
		For >6 Months (>26 Weeks), Deduct	*-91.57*	
01 22 23 00-0412	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	272.52	
		For Half Day Usage, Deduct	*-85.16*	
01 22 23 00-0413	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,090.08	
01 22 23 00-0414	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,270.24	
		For >6 Months (>26 Weeks), Deduct	*-130.81*	
01 22 23 00-0415	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	299.77	
		For Half Day Usage, Deduct	*-93.68*	
01 22 23 00-0416	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,185.46	
01 22 23 00-0417	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,542.76	
		For >6 Months (>26 Weeks), Deduct	*-141.71*	

01 22 23 00-0418 Mini-Excavators *(01 22 23 00-0278)*
Note: Includes full-time operator. Excludes delivery, set-up, and removal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0419	DAY	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,342.32	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-617.51*	
01 22 23 00-0420	WK	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,091.58	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0421	MO	2,000 Lb. Capacity, Capacity, Mini-Excavator With Full-Time Operator	24,668.60	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-71.40*	
01 22 23 00-0422	DAY	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,349.13	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-619.64*	
01 22 23 00-0423	WK	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,112.02	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0424	MO	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	25,097.81	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-88.57*	
01 22 23 00-0425	DAY	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,383.19	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-630.28*	
01 22 23 00-0426	WK	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,207.40	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0427	MO	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	25,159.13	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-91.02*	
01 22 23 00-0428	DAY	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,396.82	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-634.54*	
01 22 23 00-0429	WK	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,255.09	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0430	MO	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	25,186.38	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-92.11*	
01 22 23 00-0431	DAY	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,478.58	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-660.09*	
01 22 23 00-0432	WK	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,323.22	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0433	MO	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	25,976.69	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-123.72*	
01 22 23 00-0434	DAY	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,485.39	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-662.22*	
01 22 23 00-0435	WK	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,663.87	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0436	MO	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	26,010.76	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-125.09*	

01 22 23 00-0437 Telescopic Hydraulic Excavators (Gradall) *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0438	DAY	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	4,545.58	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,618.53*	
01 22 23 00-0439	WK	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	13,482.05	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0440	MO	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	52,154.92	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-1,170.85*	

01 22 23 00-0441 Road Graders *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0442	DAY	50 To 60 HP Road Grader With Full-Time Operator	2,435.42	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-959.10*	
01 22 23 00-0443	WK	50 To 60 HP Road Grader With Full-Time Operator	8,866.88	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0444	MO	50 To 60 HP Road Grader With Full-Time Operator	32,538.34	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-386.19*	
01 22 23 00-0445	DAY	80 To 100 HP Road Grader With Full-Time Operator	3,115.85	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,171.74*	
01 22 23 00-0446	WK	80 To 100 HP Road Grader With Full-Time Operator	10,374.86	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0447	MO	80 To 100 HP Road Grader With Full-Time Operator	37,135.84	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-570.09*	
01 22 23 00-0448	DAY	130 To 140 HP Road Grader With Full-Time Operator	3,623.10	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,330.25*	
01 22 23 00-0449	WK	130 To 140 HP Road Grader With Full-Time Operator	11,877.32	
		For Equipment Without Operator, Deduct	*-5,280.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0450	MO	130 To 140 HP Road Grader With Full-Time Operator	42,675.83	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-791.69*	
01 22 23 00-0451	DAY	170 To 185 HP Road Grader With Full-Time Operator	4,393.95	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,571.14*	
01 22 23 00-0452	WK	170 To 185 HP Road Grader With Full-Time Operator	18,631.97	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0453	MO	170 To 185 HP Road Grader With Full-Time Operator	69,612.54	
		For Equipment Without Operator, Deduct	*-22,883.55*	
		For >6 Months (>26 Weeks), Deduct	*-1,869.16*	

01 22 23 00-0454 Loader-Backhoes With Standard Bucket *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0455	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,462.93	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-655.20*	
01 22 23 00-0456	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	6,246.88	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0457	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	25,157.07	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-90.94*	
01 22 23 00-0458	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,506.51	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-668.82*	
01 22 23 00-0459	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	6,399.41	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0460	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	26,086.79	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-128.13*	
01 22 23 00-0461	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,573.69	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-689.81*	
01 22 23 00-0462	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	6,566.47	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0463	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	26,566.18	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-147.30*	
01 22 23 00-0464	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,873.31	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-783.44*	
01 22 23 00-0465	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	7,459.88	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0466	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	29,122.94	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-249.57*	

01 22 23 00-0467 Heavy-Duty Construction Loaders *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0468	DAY	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	1,575.55	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-690.39*	
01 22 23 00-0469	WK	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,334.39	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0470	MO	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	29,036.27	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-246.11*	
01 22 23 00-0471	DAY	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,007.04	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-825.23*	
01 22 23 00-0472	WK	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,805.83	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0473	MO	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	29,275.99	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-255.70*	
01 22 23 00-0474	DAY	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,102.93	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-855.20*	
01 22 23 00-0475	WK	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	8,061.52	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0476	MO	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	29,915.23	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-281.27*	
01 22 23 00-0477	DAY	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,366.61	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-937.60*	
01 22 23 00-0478	WK	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	8,756.70	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0479	MO	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	31,673.14	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-351.58*	
01 22 23 00-0480	DAY	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	3,045.80	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-1,149.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0481	WK	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	13,223.39	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0482	MO	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	46,695.28	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-952.47*	
01 22 23 00-0483	DAY	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,520.40	
		For Equipment Without Operator, Deduct	*-1,056.17*	
		For Half Day Usage, Deduct	*-2,548.16*	
01 22 23 00-0484	WK	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	26,271.65	
		For Equipment Without Operator, Deduct	*-5,280.83*	
01 22 23 00-0485	MO	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	80,089.26	
		For Equipment Without Operator, Deduct	*-22,883.59*	
		For >6 Months (>26 Weeks), Deduct	*-2,288.23*	

01 22 23 00-0486 Shoring *(01 22 23 00-0278)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0487 Aluminum Hydraulic Shoring *(01 22 23 00-0486)*

Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.

01 22 23 00-0488	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	119.31	
01 22 23 00-0489	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	351.92	
		For >6 Months (>26 Weeks), Deduct	*-14.08*	
01 22 23 00-0490	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	160.05	
01 22 23 00-0491	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	472.08	
		For >6 Months (>26 Weeks), Deduct	*-18.88*	
01 22 23 00-0492	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	296.78	
01 22 23 00-0493	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	875.50	
		For >6 Months (>26 Weeks), Deduct	*-35.02*	
01 22 23 00-0494	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	32.75	
01 22 23 00-0495	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	52.40	
01 22 23 00-0496	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	87.31	

01 22 23 00-0497 Trench Boxes/Trench Shields *(01 22 23 00-0278)*

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0498	WK	4' x 6' Trench Box With Up To 48" Spreaders	260.32	
01 22 23 00-0499	MO	4' x 6' Trench Box With Up To 48" Spreaders	780.97	
		For >6 Months (>26 Weeks), Deduct	*-31.24*	
01 22 23 00-0500	WK	6' x 6' Trench Box With Up To 48" Spreaders	293.91	
01 22 23 00-0501	MO	6' x 6' Trench Box With Up To 48" Spreaders	881.74	
		For >6 Months (>26 Weeks), Deduct	*-35.27*	
01 22 23 00-0502	WK	8' x 6' Trench Box With Up To 48" Spreaders	310.71	
01 22 23 00-0503	MO	8' x 6' Trench Box With Up To 48" Spreaders	932.12	
		For >6 Months (>26 Weeks), Deduct	*-37.28*	
01 22 23 00-0504	WK	4' x 8' Trench Box With Up To 48" Spreaders	285.52	
01 22 23 00-0505	MO	4' x 8' Trench Box With Up To 48" Spreaders	856.54	
		For >6 Months (>26 Weeks), Deduct	*-34.26*	
01 22 23 00-0506	WK	6' x 8' Trench Box With Up To 48" Spreaders	335.90	
01 22 23 00-0507	MO	6' x 8' Trench Box With Up To 48" Spreaders	1,007.70	
		For >6 Months (>26 Weeks), Deduct	*-40.31*	
01 22 23 00-0508	WK	8' x 8' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0509	MO	8' x 8' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0510	WK	4' x 10' Trench Box With Up To 48" Spreaders	319.10	
01 22 23 00-0511	MO	4' x 10' Trench Box With Up To 48" Spreaders	957.32	
		For >6 Months (>26 Weeks), Deduct	*-38.29*	
01 22 23 00-0512	WK	6' x 10' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0513	MO	6' x 10' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0514	WK	8' x 10' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0515	MO	8' x 10' Trench Box With Up To 48" Spreaders	1,377.19	
		For >6 Months (>26 Weeks), Deduct	*-55.09*	
01 22 23 00-0516	WK	4' x 12' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0517	MO	4' x 12' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0518	WK	6' x 12' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0519	MO	6' x 12' Trench Box With Up To 48" Spreaders	1,385.59	
		For >6 Months (>26 Weeks), Deduct	*-55.42*	
01 22 23 00-0520	WK	8' x 12' Trench Box With Up To 48" Spreaders	587.82	
01 22 23 00-0521	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,763.48	
		For >6 Months (>26 Weeks), Deduct	*-70.54*	
01 22 23 00-0522	WK	4' x 14' Trench Box With Up To 48" Spreaders	419.88	
01 22 23 00-0523	MO	4' x 14' Trench Box With Up To 48" Spreaders	1,259.62	
		For >6 Months (>26 Weeks), Deduct	*-50.38*	
01 22 23 00-0524	WK	6' x 14' Trench Box With Up To 48" Spreaders	545.84	
01 22 23 00-0525	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,637.51	
		For >6 Months (>26 Weeks), Deduct	*-65.50*	
01 22 23 00-0526	WK	8' x 14' Trench Box With Up To 48" Spreaders	671.80	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0527	MO	8' x 14' Trench Box With Up To 48" Spreaders		2,015.40	
		For >6 Months (>26 Weeks), Deduct		*-80.62*	
01 22 23 00-0528	WK	4' x 16' Trench Box With Up To 48" Spreaders		461.86	
01 22 23 00-0529	MO	4' x 16' Trench Box With Up To 48" Spreaders		1,385.59	
		For >6 Months (>26 Weeks), Deduct		*-55.42*	
01 22 23 00-0530	WK	6' x 16' Trench Box With Up To 48" Spreaders		629.81	
01 22 23 00-0531	MO	6' x 16' Trench Box With Up To 48" Spreaders		1,889.44	
		For >6 Months (>26 Weeks), Deduct		*-75.58*	
01 22 23 00-0532	WK	8' x 16' Trench Box With Up To 48" Spreaders		755.78	
01 22 23 00-0533	MO	8' x 16' Trench Box With Up To 48" Spreaders		2,267.32	
		For >6 Months (>26 Weeks), Deduct		*-90.69*	
01 22 23 00-0534	WK	4' x 20' Trench Box With Up To 48" Spreaders		545.84	
01 22 23 00-0535	MO	4' x 20' Trench Box With Up To 48" Spreaders		1,637.51	
		For >6 Months (>26 Weeks), Deduct		*-65.50*	
01 22 23 00-0536	WK	6' x 20' Trench Box With Up To 48" Spreaders		755.78	
01 22 23 00-0537	MO	6' x 20' Trench Box With Up To 48" Spreaders		2,267.32	
		For >6 Months (>26 Weeks), Deduct		*-90.69*	
01 22 23 00-0538	WK	8' x 20' Trench Box With Up To 48" Spreaders		881.74	
01 22 23 00-0539	MO	8' x 20' Trench Box With Up To 48" Spreaders		2,645.21	
		For >6 Months (>26 Weeks), Deduct		*-105.81*	
01 22 23 00-0540	WK	4' x 24' Trench Box With Up To 48" Spreaders		755.78	
01 22 23 00-0541	MO	4' x 24' Trench Box With Up To 48" Spreaders		2,267.32	
		For >6 Months (>26 Weeks), Deduct		*-90.69*	
01 22 23 00-0542	WK	6' x 24' Trench Box With Up To 48" Spreaders		923.72	
01 22 23 00-0543	MO	6' x 24' Trench Box With Up To 48" Spreaders		2,771.18	
		For >6 Months (>26 Weeks), Deduct		*-110.85*	
01 22 23 00-0544	WK	8' x 24' Trench Box With Up To 48" Spreaders		1,007.70	
01 22 23 00-0545	MO	8' x 24' Trench Box With Up To 48" Spreaders		3,023.10	
		For >6 Months (>26 Weeks), Deduct		*-120.92*	
01 22 23 00-0546	WK	For Spreaders >48" To 84", Add		25.19	
01 22 23 00-0547	MO	For Spreaders >48" To 84", Add		75.58	
		For >6 Months (>26 Weeks), Deduct		*-3.02*	
01 22 23 00-0548	WK	For Spreaders >84" To 120", Add		151.16	
01 22 23 00-0549	MO	For Spreaders >84" To 120", Add		453.46	
		For >6 Months (>26 Weeks), Deduct		*-18.14*	
01 22 23 00-0550	WK	For Spreaders >120", Add		319.10	
01 22 23 00-0551	MO	For Spreaders >120", Add		957.32	
		For >6 Months (>26 Weeks), Deduct		*-38.29*	
01 22 23 00-0552	WK	8' x 4' Manhole Box		396.78	
01 22 23 00-0553	MO	8' x 4' Manhole Box		1,190.35	
		For >6 Months (>26 Weeks), Deduct		*-47.61*	
01 22 23 00-0554	WK	8' x 8' Manhole Box		566.83	
01 22 23 00-0555	MO	8' x 8' Manhole Box		1,700.49	
		For >6 Months (>26 Weeks), Deduct		*-68.02*	

01 22 23 00-0556 Trenchers *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0557	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		1,442.75	
		For Equipment Without Operator, Deduct		*-1,052.32*	
		For Half Day Usage, Deduct		*-648.17*	
01 22 23 00-0558	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		6,591.49	
		For Equipment Without Operator, Deduct		*-5,261.58*	
01 22 23 00-0559	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		26,460.48	
		For Equipment Without Operator, Deduct		*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct		*-146.41*	
01 22 23 00-0560	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		2,101.61	
		For Equipment Without Operator, Deduct		*-1,052.32*	
		For Half Day Usage, Deduct		*-854.06*	
01 22 23 00-0561	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		8,812.07	
		For Equipment Without Operator, Deduct		*-5,261.58*	
01 22 23 00-0562	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator		32,560.98	
		For Equipment Without Operator, Deduct		*-22,800.18*	
		For >6 Months (>26 Weeks), Deduct		*-390.43*	

01 22 23 00-0563 Truck Mounted Vacuum Excavator *(01 22 23 00-0278)*

Note: Includes driver, delivery, and removal.

01 22 23 00-0564	DAY	Truck Mounted Vacuum Excavator With Full-time Operator		8,502.13	
		For Half Day Usage, Deduct		*-2,854.95*	

01 22 23 00-0565 Tractors *(01 22 23 00-0278)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0566	DAY	20 To 29 HP Tractor		553.44	
		For Half Day Usage, Deduct		*-172.95*	
01 22 23 00-0567	WK	20 To 29 HP Tractor		1,332.35	
01 22 23 00-0568	MO	20 To 29 HP Tractor		3,597.34	
		For >6 Months (>26 Weeks), Deduct		*-143.89*	
01 22 23 00-0569	DAY	30 To 35 HP Tractor		573.45	
		For Half Day Usage, Deduct		*-179.20*	
01 22 23 00-0570	WK	30 To 35 HP Tractor		1,476.32	
01 22 23 00-0571	MO	30 To 35 HP Tractor		4,087.34	
		For >6 Months (>26 Weeks), Deduct		*-163.49*	
01 22 23 00-0572	DAY	40 To 45 HP Tractor		585.65	
		For Half Day Usage, Deduct		*-183.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0573	WK	40 To 45 HP Tractor	1,573.93	
01 22 23 00-0574	MO	40 To 45 HP Tractor	4,319.15	
		For >6 Months (>26 Weeks), Deduct	*-172.77*	
01 22 23 00-0575	DAY	80 To 89 HP Tractor	754.02	
		For Half Day Usage, Deduct	*-235.63*	
01 22 23 00-0576	WK	80 To 89 HP Tractor	2,138.35	
01 22 23 00-0577	MO	80 To 89 HP Tractor	6,122.71	
		For >6 Months (>26 Weeks), Deduct	*-244.91*	
01 22 23 00-0578	DAY	60" Rotary Mower Attachment For Tractors	236.70	
		For Half Day Usage, Deduct	*-73.97*	
01 22 23 00-0579	WK	60" Rotary Mower Attachment For Tractors	732.06	
01 22 23 00-0580	DAY	84" Rotary Mower Attachment For Tractors	258.66	
		For Half Day Usage, Deduct	*-80.83*	
01 22 23 00-0581	WK	84" Rotary Mower Attachment For Tractors	793.06	
01 22 23 00-0582	DAY	Under Deck Rotary Mower Attachment For Tractors	41.39	
		For Half Day Usage, Deduct	*-12.93*	
01 22 23 00-0583	WK	Under Deck Rotary Mower Attachment For Tractors	165.55	

01 22 23 00-0584 Portable Sediment Tank *(01 22 23 00-0278)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0585	WK	Portable Sediment Tank	206.94	
01 22 23 00-0586	MO	Portable Sediment Tank	607.02	
		For >6 Months (>26 Weeks), Deduct	*-24.28*	

01 22 23 00-0587 Heavy Equipment (Ground Protection) Mats *(01 22 23 00-0278)*

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0278 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0588	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	31.96	
		For Half Day Usage, Deduct	*-9.99*	
01 22 23 00-0589	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	76.09	
01 22 23 00-0590	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	159.78	
		For >6 Months (>26 Weeks), Deduct	*-6.39*	
01 22 23 00-0591	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	33.55	
		For Half Day Usage, Deduct	*-10.48*	
01 22 23 00-0592	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	79.89	
01 22 23 00-0593	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	167.77	
		For >6 Months (>26 Weeks), Deduct	*-6.71*	
01 22 23 00-0594	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	27.16	
		For Half Day Usage, Deduct	*-8.49*	
01 22 23 00-0595	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	63.91	
01 22 23 00-0596	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	135.81	
		For >6 Months (>26 Weeks), Deduct	*-5.43*	
01 22 23 00-0597	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	30.36	
		For Half Day Usage, Deduct	*-9.49*	
01 22 23 00-0598	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	71.90	
01 22 23 00-0599	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	151.79	
		For >6 Months (>26 Weeks), Deduct	*-6.07*	
01 22 23 00-0600	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	33.55	
		For Half Day Usage, Deduct	*-10.48*	
01 22 23 00-0601	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	79.89	
01 22 23 00-0602	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	167.77	
		For >6 Months (>26 Weeks), Deduct	*-6.71*	
01 22 23 00-0603	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	36.75	
		For Half Day Usage, Deduct	*-11.48*	
01 22 23 00-0604	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	87.50	
01 22 23 00-0605	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	183.75	
		For >6 Months (>26 Weeks), Deduct	*-7.35*	
01 22 23 00-0606	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	28.76	
		For Half Day Usage, Deduct	*-8.99*	
01 22 23 00-0607	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	79.89	
01 22 23 00-0608	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	143.80	
		For >6 Months (>26 Weeks), Deduct	*-5.75*	
01 22 23 00-0609	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	33.55	
		For Half Day Usage, Deduct	*-10.48*	
01 22 23 00-0610	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	79.89	
01 22 23 00-0611	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	167.77	
		For >6 Months (>26 Weeks), Deduct	*-6.71*	
01 22 23 00-0612	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	39.94	
		For Half Day Usage, Deduct	*-12.48*	
01 22 23 00-0613	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	87.88	
01 22 23 00-0614	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	199.72	
		For >6 Months (>26 Weeks), Deduct	*-7.99*	
01 22 23 00-0615	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	43.14	
		For Half Day Usage, Deduct	*-13.48*	
01 22 23 00-0616	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	102.72	
01 22 23 00-0617	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	215.70	
		For >6 Months (>26 Weeks), Deduct	*-8.63*	
01 22 23 00-0618	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	46.34	
		For Half Day Usage, Deduct	*-14.48*	
01 22 23 00-0619	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	110.32	
01 22 23 00-0620	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	231.68	
		For >6 Months (>26 Weeks), Deduct	*-9.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0621	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	47.93	
		For Half Day Usage, Deduct	*-14.98*	
01 22 23 00-0622	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	114.13	
01 22 23 00-0623	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	239.67	
		For >6 Months (>26 Weeks), Deduct	*-9.59*	
01 22 23 00-0624	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	15.37	
		For Half Day Usage, Deduct	*-4.80*	
01 22 23 00-0625	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	38.43	
01 22 23 00-0626	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	115.28	
		For >6 Months (>26 Weeks), Deduct	*-4.61*	
01 22 23 00-0627	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.37	
		For Half Day Usage, Deduct	*-5.74*	
01 22 23 00-0628	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.94	
01 22 23 00-0629	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.81	
		For >6 Months (>26 Weeks), Deduct	*-5.51*	
01 22 23 00-0630	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	20.98	
		For Half Day Usage, Deduct	*-6.56*	
01 22 23 00-0631	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	52.46	
01 22 23 00-0632	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	157.38	
		For >6 Months (>26 Weeks), Deduct	*-6.30*	
01 22 23 00-0633	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.37	
		For Half Day Usage, Deduct	*-6.99*	
01 22 23 00-0634	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	55.92	
01 22 23 00-0635	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	167.77	
		For >6 Months (>26 Weeks), Deduct	*-6.71*	
01 22 23 00-0636	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	25.56	
		For Half Day Usage, Deduct	*-7.99*	
01 22 23 00-0637	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	63.91	
01 22 23 00-0638	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	191.74	
		For >6 Months (>26 Weeks), Deduct	*-7.67*	
01 22 23 00-0639	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.38	
		For Half Day Usage, Deduct	*-9.18*	
01 22 23 00-0640	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	73.45	
01 22 23 00-0641	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	220.34	
		For >6 Months (>26 Weeks), Deduct	*-8.81*	
01 22 23 00-0642	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.60	
		For Half Day Usage, Deduct	*-7.06*	
01 22 23 00-0643	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.51	
01 22 23 00-0644	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	169.53	
		For >6 Months (>26 Weeks), Deduct	*-6.78*	
01 22 23 00-0645	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.60	
		For Half Day Usage, Deduct	*-9.56*	
01 22 23 00-0646	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	76.51	
01 22 23 00-0647	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	229.52	
		For >6 Months (>26 Weeks), Deduct	*-9.18*	
01 22 23 00-0648	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	26.46	
		For Half Day Usage, Deduct	*-8.27*	
01 22 23 00-0649	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	66.15	
01 22 23 00-0650	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	198.45	
		For >6 Months (>26 Weeks), Deduct	*-7.94*	
01 22 23 00-0651	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	44.13	
		For Half Day Usage, Deduct	*-13.79*	
01 22 23 00-0652	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	110.32	
01 22 23 00-0653	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	330.97	
		For >6 Months (>26 Weeks), Deduct	*-13.24*	
01 22 23 00-0654	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.04	
		For Half Day Usage, Deduct	*-14.70*	
01 22 23 00-0655	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	117.60	
01 22 23 00-0656	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	352.79	
		For >6 Months (>26 Weeks), Deduct	*-14.11*	

01 22 23 00-0657 Electrical Equipment *(01 22 23)*

01 22 23 00-0658 Tripod Mounted Floodlights *(01 22 23 00-0657)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0659	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	77.38	
		For Half Day Usage, Deduct	*-24.18*	
01 22 23 00-0660	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	183.06	
01 22 23 00-0661	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	386.88	
		For >6 Months (>26 Weeks), Deduct	*-15.48*	
01 22 23 00-0662	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	77.38	
		For Half Day Usage, Deduct	*-24.18*	
01 22 23 00-0663	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	226.46	
01 22 23 00-0664	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	669.96	
		For >6 Months (>26 Weeks), Deduct	*-26.80*	
01 22 23 00-0665	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	86.81	
		For Half Day Usage, Deduct	*-27.13*	
01 22 23 00-0666	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	235.90	
01 22 23 00-0667	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	575.60	
		For >6 Months (>26 Weeks), Deduct	*-23.02*	

01 22 23 00-0668 Trailer Mounted Floodlights *(01 22 23 00-0657)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0669	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	217.03	
		For Half Day Usage, Deduct	*-67.82*	
01 22 23 00-0670	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	481.24	
01 22 23 00-0671	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	1,037.96	
		For >6 Months (>26 Weeks), Deduct	*-41.52*	

01 22 23 00-0672 Generator Sets *(01 22 23 00-0657)*

01 22 23 00-0673 Portable, Gas Powered Generator Sets *(01 22 23 00-0672)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.

01 22 23 00-0674	DAY	3.6 KW Gas Powered Generator Set	58.54	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		For LP Or NG Gas, Add	*7.32*	
		For Half Day Usage, Deduct	*-18.29*	
01 22 23 00-0675	WK	3.6 KW Gas Powered Generator Set	211.00	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		For LP Or NG Gas, Add	*26.38*	
01 22 23 00-0676	MO	3.6 KW Gas Powered Generator Set	585.36	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		For LP Or NG Gas, Add	*73.17*	
		For >6 Months (>26 Weeks), Deduct	*-23.41*	
01 22 23 00-0677	DAY	5 KW Gas Powered Generator Set	83.04	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		For LP Or NG Gas, Add	*10.38*	
		For Half Day Usage, Deduct	*-25.95*	
01 22 23 00-0678	WK	5 KW Gas Powered Generator Set	265.45	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		For LP Or NG Gas, Add	*33.18*	
01 22 23 00-0679	MO	5 KW Gas Powered Generator Set	605.78	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		For LP Or NG Gas, Add	*75.72*	
		For >6 Months (>26 Weeks), Deduct	*-24.23*	
01 22 23 00-0680	DAY	6.5 KW Gas Powered Generator Set	106.18	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		For LP Or NG Gas, Add	*13.27*	
		For Half Day Usage, Deduct	*-33.18*	
01 22 23 00-0681	WK	6.5 KW Gas Powered Generator Set	285.87	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		For LP Or NG Gas, Add	*35.73*	
01 22 23 00-0682	MO	6.5 KW Gas Powered Generator Set	789.55	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		For LP Or NG Gas, Add	*98.69*	
		For >6 Months (>26 Weeks), Deduct	*-31.58*	
01 22 23 00-0683	DAY	10 KW Gas Powered Generator Set	118.43	
		Note: Fuel consumption: 100% load – 1.35 gallons per hour		
		For LP Or NG Gas, Add	*14.80*	
		For Half Day Usage, Deduct	*-37.01*	
01 22 23 00-0684	WK	10 KW Gas Powered Generator Set	319.91	
		Note: Fuel consumption: 100% load – 1.35 gallons per hour		
		For LP Or NG Gas, Add	*39.99*	
01 22 23 00-0685	MO	10 KW Gas Powered Generator Set	918.88	
		Note: Fuel consumption: 100% load – 1.35 gallons per hour		
		For LP Or NG Gas, Add	*114.86*	
		For >6 Months (>26 Weeks), Deduct	*-36.76*	
01 22 23 00-0686	DAY	15 KW Gas Powered Generator Set	216.86	
		Note: Fuel consumption: 100% load – 1.70 gallons per hour		
		For LP Or NG Gas, Add	*27.11*	
		For Half Day Usage, Deduct	*-67.77*	
01 22 23 00-0687	WK	15 KW Gas Powered Generator Set	616.04	
		Note: Fuel consumption: 100% load – 1.6 gallons per hour		
		For LP Or NG Gas, Add	*77.01*	
01 22 23 00-0688	MO	15 KW Gas Powered Generator Set	1,330.67	
		Note: Fuel consumption: 100% load – 1.6 gallons per hour		
		For LP Or NG Gas, Add	*166.33*	
		For >6 Months (>26 Weeks), Deduct	*-53.23*	

01 22 23 00-0689 Towable, Diesel Powered Generator Sets *(01 22 23 00-0672)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1,000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.

01 22 23 00-0690	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set	243.67	
		Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
		For >8 To 16 Hours Usage Per Day, Add	*97.47*	
		For >16 To 24 Hours Usage Per Day, Add	*194.94*	
01 22 23 00-0691	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set	637.09	
		Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
		For >40 To 80 Hours Usage Per Week, Add	*254.84*	
		For >80 Hours Usage Per Week, Add	*509.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0692		MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set	1,735.66	
			Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*694.26*	
			For >320 Hours Usage Per Month, Add	*1,388.53*	
			For >6 Months (>26 Weeks), Deduct	*-69.43*	
01 22 23 00-0693		DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set	387.31	
			Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	*154.92*	
			For >16 To 24 Hours Usage Per Day, Add	*309.85*	
01 22 23 00-0694		WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set	1,149.45	
			Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	*459.78*	
			For >80 Hours Usage Per Week, Add	*919.56*	
01 22 23 00-0695		MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set	2,373.86	
			Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*949.54*	
			For >320 Hours Usage Per Month, Add	*1,899.09*	
			For >6 Months (>26 Weeks), Deduct	*-94.95*	
01 22 23 00-0696		DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set	424.80	
			Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	*169.92*	
			For >16 To 24 Hours Usage Per Day, Add	*339.84*	
01 22 23 00-0697		WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,186.93	
			Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	*474.77*	
			For >80 Hours Usage Per Week, Add	*949.54*	
01 22 23 00-0698		MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,623.74	
			Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*1,049.50*	
			For >320 Hours Usage Per Month, Add	*2,098.99*	
			For >6 Months (>26 Weeks), Deduct	*-104.95*	
01 22 23 00-0699		DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set	456.03	
			Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	*182.41*	
			For >16 To 24 Hours Usage Per Day, Add	*364.82*	
01 22 23 00-0700		WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,249.40	
			Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	*499.76*	
			For >80 Hours Usage Per Week, Add	*999.52*	
01 22 23 00-0701		MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set	2,998.56	
			Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*1,199.42*	
			For >320 Hours Usage Per Month, Add	*2,398.85*	
			For >6 Months (>26 Weeks), Deduct	*-119.94*	
01 22 23 00-0702		DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set	499.76	
			Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	*199.90*	
			For >16 To 24 Hours Usage Per Day, Add	*399.81*	
01 22 23 00-0703		WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,418.07	
			Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	*567.23*	
			For >80 Hours Usage Per Week, Add	*1,134.46*	
01 22 23 00-0704		MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set	3,373.38	
			Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*1,349.35*	
			For >320 Hours Usage Per Month, Add	*2,698.70*	
			For >6 Months (>26 Weeks), Deduct	*-134.94*	
01 22 23 00-0705		DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set	562.23	
			Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	*224.89*	
			For >16 To 24 Hours Usage Per Day, Add	*449.78*	
01 22 23 00-0706		WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set	1,499.28	
			Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	*599.71*	
			For >80 Hours Usage Per Week, Add	*1,199.42*	
01 22 23 00-0707		MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set	3,748.20	
			Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	*1,499.28*	
			For >320 Hours Usage Per Month, Add	*2,998.56*	
			For >6 Months (>26 Weeks), Deduct	*-149.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0708	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	580.97	
		For >8 To 16 Hours Usage Per Day, Add	*232.39*	
		For >16 To 24 Hours Usage Per Day, Add	*464.78*	
01 22 23 00-0709	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,561.75	
		For >40 To 80 Hours Usage Per Week, Add	*624.70*	
		For >80 Hours Usage Per Week, Add	*1,249.40*	
01 22 23 00-0710	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	4,247.96	
		For >160 To 320 Hours Usage Per Month, Add	*1,699.18*	
		For >320 Hours Usage Per Month, Add	*3,398.37*	
		For >6 Months (>26 Weeks), Deduct	*-169.92*	
01 22 23 00-0711	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	655.94	
		For >8 To 16 Hours Usage Per Day, Add	*262.38*	
		For >16 To 24 Hours Usage Per Day, Add	*524.75*	
01 22 23 00-0712	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,811.63	
		For >40 To 80 Hours Usage Per Week, Add	*724.65*	
		For >80 Hours Usage Per Week, Add	*1,449.30*	
01 22 23 00-0713	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,872.66	
		For >160 To 320 Hours Usage Per Month, Add	*1,949.06*	
		For >320 Hours Usage Per Month, Add	*3,898.13*	
		For >6 Months (>26 Weeks), Deduct	*-194.91*	
01 22 23 00-0714	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	687.17	
		For >8 To 16 Hours Usage Per Day, Add	*274.87*	
		For >16 To 24 Hours Usage Per Day, Add	*549.74*	
01 22 23 00-0715	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,905.34	
		For >40 To 80 Hours Usage Per Week, Add	*762.14*	
		For >80 Hours Usage Per Week, Add	*1,524.27*	
01 22 23 00-0716	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	5,372.42	
		For >160 To 320 Hours Usage Per Month, Add	*2,148.97*	
		For >320 Hours Usage Per Month, Add	*4,297.94*	
		For >6 Months (>26 Weeks), Deduct	*-214.90*	
01 22 23 00-0717	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	718.40	
		For >8 To 16 Hours Usage Per Day, Add	*287.36*	
		For >16 To 24 Hours Usage Per Day, Add	*574.72*	
01 22 23 00-0718	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	2,061.51	
		For >40 To 80 Hours Usage Per Week, Add	*824.60*	
		For >80 Hours Usage Per Week, Add	*1,649.21*	
01 22 23 00-0719	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	5,622.30	
		For >160 To 320 Hours Usage Per Month, Add	*2,248.92*	
		For >320 Hours Usage Per Month, Add	*4,497.84*	
		For >6 Months (>26 Weeks), Deduct	*-224.89*	
01 22 23 00-0720	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	749.64	
		For >8 To 16 Hours Usage Per Day, Add	*299.86*	
		For >16 To 24 Hours Usage Per Day, Add	*599.71*	
01 22 23 00-0721	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	2,186.45	
		For >40 To 80 Hours Usage Per Week, Add	*874.58*	
		For >80 Hours Usage Per Week, Add	*1,749.16*	
01 22 23 00-0722	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	5,872.18	
		For >160 To 320 Hours Usage Per Month, Add	*2,348.87*	
		For >320 Hours Usage Per Month, Add	*4,697.74*	
		For >6 Months (>26 Weeks), Deduct	*-234.89*	
01 22 23 00-0723	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	749.64	
		For >8 To 16 Hours Usage Per Day, Add	*299.86*	
		For >16 To 24 Hours Usage Per Day, Add	*599.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0724	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	2,186.45	
		For >40 To 80 Hours Usage Per Week, Add	*874.58*	
		For >80 Hours Usage Per Week, Add	*1,749.16*	
01 22 23 00-0725	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	5,872.18	
		For >160 To 320 Hours Usage Per Month, Add	*2,348.87*	
		For >320 Hours Usage Per Month, Add	*4,697.74*	
		For >6 Months (>26 Weeks), Deduct	*-234.89*	
01 22 23 00-0726	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	1,030.76	
		For >8 To 16 Hours Usage Per Day, Add	*412.30*	
		For >16 To 24 Hours Usage Per Day, Add	*824.61*	
01 22 23 00-0727	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,561.27	
		For >40 To 80 Hours Usage Per Week, Add	*1,024.51*	
		For >80 Hours Usage Per Week, Add	*2,049.02*	
01 22 23 00-0728	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	7,496.40	
		For >160 To 320 Hours Usage Per Month, Add	*2,998.56*	
		For >320 Hours Usage Per Month, Add	*5,997.12*	
		For >6 Months (>26 Weeks), Deduct	*-299.86*	
01 22 23 00-0729	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	1,093.22	
		For >8 To 16 Hours Usage Per Day, Add	*437.29*	
		For >16 To 24 Hours Usage Per Day, Add	*874.58*	
01 22 23 00-0730	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	2,623.74	
		For >40 To 80 Hours Usage Per Week, Add	*1,049.50*	
		For >80 Hours Usage Per Week, Add	*2,098.99*	
01 22 23 00-0731	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	7,746.28	
		For >160 To 320 Hours Usage Per Month, Add	*3,098.51*	
		For >320 Hours Usage Per Month, Add	*6,197.02*	
		For >6 Months (>26 Weeks), Deduct	*-309.85*	
01 22 23 00-0732	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	1,155.70	
		For >8 To 16 Hours Usage Per Day, Add	*462.28*	
		For >16 To 24 Hours Usage Per Day, Add	*924.56*	
01 22 23 00-0733	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	2,686.21	
		For >40 To 80 Hours Usage Per Week, Add	*1,074.48*	
		For >80 Hours Usage Per Week, Add	*2,148.97*	
01 22 23 00-0734	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	7,996.16	
		For >160 To 320 Hours Usage Per Month, Add	*3,198.46*	
		For >320 Hours Usage Per Month, Add	*6,396.93*	
		For >6 Months (>26 Weeks), Deduct	*-319.85*	
01 22 23 00-0735	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	1,193.18	
		For >8 To 16 Hours Usage Per Day, Add	*477.27*	
		For >16 To 24 Hours Usage Per Day, Add	*954.54*	
01 22 23 00-0736	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	2,873.62	
		For >40 To 80 Hours Usage Per Week, Add	*1,149.45*	
		For >80 Hours Usage Per Week, Add	*2,298.90*	
01 22 23 00-0737	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	8,495.92	
		For >160 To 320 Hours Usage Per Month, Add	*3,398.37*	
		For >320 Hours Usage Per Month, Add	*6,796.74*	
		For >6 Months (>26 Weeks), Deduct	*-339.84*	
01 22 23 00-0738	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	1,249.40	
		For >8 To 16 Hours Usage Per Day, Add	*499.76*	
		For >16 To 24 Hours Usage Per Day, Add	*999.52*	
01 22 23 00-0739	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	3,248.44	
		For >40 To 80 Hours Usage Per Week, Add	*1,299.38*	
		For >80 Hours Usage Per Week, Add	*2,598.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0740	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	9,370.50	
		For >160 To 320 Hours Usage Per Month, Add	*3,748.20*	
		For >320 Hours Usage Per Month, Add	*7,496.40*	
		For >6 Months (>26 Weeks), Deduct	*-374.82*	
01 22 23 00-0741	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	2,304.20	
		For >8 To 16 Hours Usage Per Day, Add	*921.68*	
		For >16 To 24 Hours Usage Per Day, Add	*1,843.36*	
01 22 23 00-0742	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	5,957.44	
		For >40 To 80 Hours Usage Per Week, Add	*2,382.98*	
		For >80 Hours Usage Per Week, Add	*4,765.95*	
01 22 23 00-0743	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	15,755.20	
		For >160 To 320 Hours Usage Per Month, Add	*6,302.08*	
		For >320 Hours Usage Per Month, Add	*12,604.16*	
		For >6 Months (>26 Weeks), Deduct	*-630.21*	
01 22 23 00-0744	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	2,954.10	
		For >8 To 16 Hours Usage Per Day, Add	*1,181.64*	
		For >16 To 24 Hours Usage Per Day, Add	*2,363.28*	
01 22 23 00-0745	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	7,680.66	
		For >40 To 80 Hours Usage Per Week, Add	*3,072.26*	
		For >80 Hours Usage Per Week, Add	*6,144.53*	
01 22 23 00-0746	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	17,724.60	
		For >160 To 320 Hours Usage Per Month, Add	*7,089.84*	
		For >320 Hours Usage Per Month, Add	*14,179.68*	
		For >6 Months (>26 Weeks), Deduct	*-708.98*	
01 22 23 00-0747	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	3,653.24	
		For >8 To 16 Hours Usage Per Day, Add	*1,461.30*	
		For >16 To 24 Hours Usage Per Day, Add	*2,922.59*	
01 22 23 00-0748	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	9,650.06	
		For >40 To 80 Hours Usage Per Week, Add	*3,860.02*	
		For >80 Hours Usage Per Week, Add	*7,720.05*	
01 22 23 00-0749	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	23,632.80	
		For >160 To 320 Hours Usage Per Month, Add	*9,453.12*	
		For >320 Hours Usage Per Month, Add	*18,906.24*	
		For >6 Months (>26 Weeks), Deduct	*-945.31*	
01 22 23 00-0750	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	3,948.65	
		For >8 To 16 Hours Usage Per Day, Add	*1,579.46*	
		For >16 To 24 Hours Usage Per Day, Add	*3,158.92*	
01 22 23 00-0751	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	9,098.63	
		For >40 To 80 Hours Usage Per Week, Add	*3,639.45*	
		For >80 Hours Usage Per Week, Add	*7,278.90*	
01 22 23 00-0752	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	27,295.88	
		For >160 To 320 Hours Usage Per Month, Add	*10,918.35*	
		For >320 Hours Usage Per Month, Add	*21,836.70*	
		For >6 Months (>26 Weeks), Deduct	*-1,091.84*	
01 22 23 00-0753	DAY	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	4,480.38	
		For >8 To 16 Hours Usage Per Day, Add	*1,792.15*	
		For >16 To 24 Hours Usage Per Day, Add	*3,584.30*	
01 22 23 00-0754	WK	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	11,708.08	
		For >40 To 80 Hours Usage Per Week, Add	*4,683.23*	
		For >80 Hours Usage Per Week, Add	*9,366.46*	
01 22 23 00-0755	MO	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	32,071.68	
		For >160 To 320 Hours Usage Per Month, Add	*12,828.67*	
		For >320 Hours Usage Per Month, Add	*25,657.34*	
		For >6 Months (>26 Weeks), Deduct	*-1,282.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0756	DAY	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	5,908.20	
		For >8 To 16 Hours Usage Per Day, Add	*2,363.28*	
		For >16 To 24 Hours Usage Per Day, Add	*4,726.56*	
01 22 23 00-0757	WK	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	17,724.60	
		For >40 To 80 Hours Usage Per Week, Add	*7,089.84*	
		For >80 Hours Usage Per Week, Add	*14,179.68*	
01 22 23 00-0758	MO	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	50,820.37	
		For >160 To 320 Hours Usage Per Month, Add	*20,328.15*	
		For >320 Hours Usage Per Month, Add	*40,656.30*	
01 22 23 00-0759	DAY	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	7,788.98	
		For >8 To 16 Hours Usage Per Day, Add	*3,115.59*	
		For >16 To 24 Hours Usage Per Day, Add	*6,231.18*	
01 22 23 00-0760	WK	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	19,477.37	
		For >40 To 80 Hours Usage Per Week, Add	*7,790.95*	
		For >80 Hours Usage Per Week, Add	*15,581.90*	
01 22 23 00-0761	MO	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	53,173.80	
		For >160 To 320 Hours Usage Per Month, Add	*21,269.52*	
		For >320 Hours Usage Per Month, Add	*42,539.04*	
		For >6 Months (>26 Weeks), Deduct	*-2,126.95*	
01 22 23 00-0762	EA	Delivery, Set-up, Testing And Pick-up For Up To 160 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	961.40	
01 22 23 00-0763	EA	Delivery, Set-up, Testing And Pick-up For 175 To 300 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	1,304.66	
01 22 23 00-0764	EA	Delivery, Set-up, Testing And Pick-up For 350 To 450 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	1,697.90	
01 22 23 00-0765	EA	Delivery, Set-up, Testing And Pick-up For 500 To 750 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	2,150.33	
01 22 23 00-0766	EA	Delivery, Set-up, Testing And Pick-up For 1,000 To 2,000 KW Towable Generator Set Note: Includes set-up of generator accessories, cabling, load banks and distribution panels as required.	2,971.00	
01 22 23 00-0767		Generator Accessories *(01 22 23 00-0672)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0768		Step Down Transformer *(01 22 23 00-0767)*		
01 22 23 00-0769	WK	75 KVA, 480-208 Volt, Step Down Transformer	368.57	
01 22 23 00-0770	MO	75 KVA, 480-208 Volt, Step Down Transformer	1,030.76	
		For >6 Months (>26 Weeks), Deduct	*-41.23*	
01 22 23 00-0771	WK	150 KVA, 480-208 Volt, Step Down Transformer	590.97	
01 22 23 00-0772	MO	150 KVA, 480-208 Volt, Step Down Transformer	1,771.65	
		For >6 Months (>26 Weeks), Deduct	*-70.87*	
01 22 23 00-0773	WK	225 KVA, 480-208 Volt, Step Down Transformer	787.12	
01 22 23 00-0774	MO	225 KVA, 480-208 Volt, Step Down Transformer	2,361.37	
		For >6 Months (>26 Weeks), Deduct	*-94.45*	
01 22 23 00-0775	WK	500 KVA, 480-208 Volt, Step Down Transformer	937.05	
01 22 23 00-0776	MO	500 KVA, 480-208 Volt, Step Down Transformer	2,811.15	
		For >6 Months (>26 Weeks), Deduct	*-112.45*	
01 22 23 00-0777	WK	1,000 KVA, 4,160/480 Volt, Step Down Transformer	1,399.33	
01 22 23 00-0778	MO	1,000 KVA, 4,160/480 Volt, Step Down Transformer	4,179.24	
		For >6 Months (>26 Weeks), Deduct	*-167.17*	
01 22 23 00-0779	WK	1,500 KVA, 4,160/480 Volt, Step Down Transformer	2,273.91	
01 22 23 00-0780	MO	1,500 KVA, 4,160/480 Volt, Step Down Transformer	6,815.48	
		For >6 Months (>26 Weeks), Deduct	*-272.62*	
01 22 23 00-0781	WK	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	2,623.74	
01 22 23 00-0782	MO	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	7,871.22	
		For >6 Months (>26 Weeks), Deduct	*-314.85*	
01 22 23 00-0783		Portable Panel *(01 22 23 00-0767)*		
01 22 23 00-0784	WK	100 Amperes, Portable Panel	293.61	
01 22 23 00-0785	MO	100 Amperes, Portable Panel	749.64	
		For >6 Months (>26 Weeks), Deduct	*-29.99*	
01 22 23 00-0786	WK	200 Amperes, Portable Panel	351.08	
01 22 23 00-0787	MO	200 Amperes, Portable Panel	937.05	
		For >6 Months (>26 Weeks), Deduct	*-37.48*	
01 22 23 00-0788	WK	400 Amperes, Portable Panel	374.82	
01 22 23 00-0789	MO	400 Amperes, Portable Panel	1,124.46	
		For >6 Months (>26 Weeks), Deduct	*-44.98*	
01 22 23 00-0790		Portable Fusible Disconnect *(01 22 23 00-0767)*		
01 22 23 00-0791	WK	100 - 200 Amperes, Portable Fusible Disconnect	131.19	
01 22 23 00-0792	MO	100 - 200 Amperes, Portable Fusible Disconnect	393.56	
		For >6 Months (>26 Weeks), Deduct	*-15.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0793	WK	300 - 400 Amperes, Portable Fusible Disconnect	262.37	
01 22 23 00-0794	MO	300 - 400 Amperes, Portable Fusible Disconnect	787.12	
		For >6 Months (>26 Weeks), Deduct	*-31.48*	

01 22 23 00-0795 Portable Transfer Switch *(01 22 23 00-0767)*

01 22 23 00-0796	WK	100 Amperes, 480 Volt, Portable Transfer Switch	393.56	
01 22 23 00-0797	MO	100 Amperes, 480 Volt, Portable Transfer Switch	1,180.68	
		For >6 Months (>26 Weeks), Deduct	*-47.23*	
01 22 23 00-0798	WK	200 Amperes, 480 Volt, Portable Transfer Switch	524.75	
01 22 23 00-0799	MO	200 Amperes, 480 Volt, Portable Transfer Switch	1,574.24	
		For >6 Months (>26 Weeks), Deduct	*-62.97*	
01 22 23 00-0800	WK	400 Amperes, 480 Volt, Portable Transfer Switch	655.94	
01 22 23 00-0801	MO	400 Amperes, 480 Volt, Portable Transfer Switch	1,967.80	
		For >6 Months (>26 Weeks), Deduct	*-78.71*	

01 22 23 00-0802 Cabling For Generator Sets *(01 22 23 00-0672)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0803	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	27.49	
		For Half Day Usage, Deduct	*-8.59*	
01 22 23 00-0804	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	48.10	
01 22 23 00-0805	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	144.31	
		For >6 Months (>26 Weeks), Deduct	*-5.77*	
01 22 23 00-0806	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	13.74	
		For Half Day Usage, Deduct	*-4.29*	
01 22 23 00-0807	WK	50', 4/0 Cable With Camlock Ends For Generator Set	39.98	
01 22 23 00-0808	MO	50', 4/0 Cable With Camlock Ends For Generator Set	111.20	
		For >6 Months (>26 Weeks), Deduct	*-4.45*	

01 22 23 00-0809 Resistive Load Banks For Generator Sets *(01 22 23 00-0672)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.

01 22 23 00-0810	DAY	100 KW A/C Resistive Load Bank	371.52	
01 22 23 00-0811	WK	100 KW A/C Resistive Load Bank	706.62	
01 22 23 00-0812	MO	100 KW A/C Resistive Load Bank	1,930.46	
		For >6 Months (>26 Weeks), Deduct	*-77.22*	
01 22 23 00-0813	DAY	650 KW A/C Resistive Load Bank	822.06	
01 22 23 00-0814	WK	650 KW A/C Resistive Load Bank	2,198.40	
01 22 23 00-0815	MO	650 KW A/C Resistive Load Bank	5,604.98	
		For >6 Months (>26 Weeks), Deduct	*-224.20*	

01 22 23 00-0816 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0672)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0817	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	67.47	
		For Half Day Usage, Deduct	*-21.08*	
01 22 23 00-0818	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	174.92	
01 22 23 00-0819	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	493.51	
		For >6 Months (>26 Weeks), Deduct	*-19.74*	

01 22 23 00-0820 Portable Distribution Panels For Generator Sets *(01 22 23 00-0672)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0821	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	149.93	
		For Half Day Usage, Deduct	*-46.85*	
01 22 23 00-0822	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	406.06	
01 22 23 00-0823	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,136.95	
		For >6 Months (>26 Weeks), Deduct	*-45.48*	
01 22 23 00-0824	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	122.44	
		For Half Day Usage, Deduct	*-38.26*	
01 22 23 00-0825	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	318.60	
01 22 23 00-0826	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	905.82	
		For >6 Months (>26 Weeks), Deduct	*-36.23*	
01 22 23 00-0827	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	156.18	
		For Half Day Usage, Deduct	*-48.81*	
01 22 23 00-0828	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	393.56	
01 22 23 00-0829	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	1,068.24	
		For >6 Months (>26 Weeks), Deduct	*-42.73*	

01 22 23 00-0830 Fuel Reimbursement For Generators *(01 22 23 00-0672)*

01 22 23 00-0831	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00

01 22 23 00-0832 Welding Machines *(01 22 23 00-0657)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0833		**CC/CV Inverter Welder** *(01 22 23 00-0832)*		
		Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.		
01 22 23 00-0834	DAY	250 Amperes, CC Inverter Welder	43.54	
		For Half Day Usage, Deduct	*-13.61*	
01 22 23 00-0835	WK	250 Amperes, CC Inverter Welder	94.86	
01 22 23 00-0836	MO	250 Amperes, CC Inverter Welder	287.69	
		For >6 Months (>26 Weeks), Deduct	*-11.51*	
01 22 23 00-0837	DAY	300 Amperes, CC/CV Inverter Welder	49.76	
		For Half Day Usage, Deduct	*-15.55*	
01 22 23 00-0838	WK	300 Amperes, CC/CV Inverter Welder	132.18	
01 22 23 00-0839	MO	300 Amperes, CC/CV Inverter Welder	349.90	
		For >6 Months (>26 Weeks), Deduct	*-14.00*	
01 22 23 00-0840	DAY	350 Amperes, CC/CV Inverter Welder	51.32	
		For Half Day Usage, Deduct	*-16.04*	
01 22 23 00-0841	WK	350 Amperes, CC/CV Inverter Welder	135.29	
01 22 23 00-0842	MO	350 Amperes, CC/CV Inverter Welder	381.00	
		For >6 Months (>26 Weeks), Deduct	*-15.24*	
01 22 23 00-0843		**MIG Welder** *(01 22 23 00-0832)*		
		Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.		
01 22 23 00-0844	DAY	115 Volt MIG Welder	74.64	
		For Half Day Usage, Deduct	*-23.33*	
01 22 23 00-0845	WK	115 Volt MIG Welder	194.39	
01 22 23 00-0846	MO	115 Volt MIG Welder	528.73	
		For >6 Months (>26 Weeks), Deduct	*-21.15*	
01 22 23 00-0847		**Diesel Powered Towable Welding Machines** *(01 22 23 00-0832)*		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0848	DAY	250 To 299 Amperes, Diesel Powered Towable Welding Machine	139.96	
		For Half Day Usage, Deduct	*-43.74*	
01 22 23 00-0849	WK	250 To 299 Amperes, Diesel Powered Towable Welding Machine	342.12	
01 22 23 00-0850	MO	250 To 299 Amperes, Diesel Powered Towable Welding Machine	816.43	
		For >6 Months (>26 Weeks), Deduct	*-32.66*	
01 22 23 00-0851	DAY	300 To 349 Amperes, Diesel Powered Towable Welding Machine	186.61	
		For Half Day Usage, Deduct	*-58.32*	
01 22 23 00-0852	WK	300 To 349 Amperes, Diesel Powered Towable Welding Machine	365.45	
01 22 23 00-0853	MO	300 To 349 Amperes, Diesel Powered Towable Welding Machine	853.75	
		For >6 Months (>26 Weeks), Deduct	*-34.15*	
01 22 23 00-0854	DAY	350 To 399 Amperes, Diesel Powered Towable Welding Machine	194.39	
		For Half Day Usage, Deduct	*-60.75*	
01 22 23 00-0855	WK	350 To 399 Amperes, Diesel Powered Towable Welding Machine	388.78	
01 22 23 00-0856	MO	350 To 399 Amperes, Diesel Powered Towable Welding Machine	948.61	
		For >6 Months (>26 Weeks), Deduct	*-37.94*	
01 22 23 00-0857		**General Equipment** *(01 22 23)*		
01 22 23 00-0858		**Torch Burning** *(01 22 23 00-0857)*		
		Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0859	DAY	Torch Burning Package With Full Time Operator	958.52	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		For Equipment Without Operator, Deduct	*-919.64*	
		For Half Day Usage, Deduct	*-471.97*	
01 22 23 00-0860	WK	Torch Burning Package With Full Time Operator	4,714.86	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		For Equipment Without Operator, Deduct	*-4,598.23*	
01 22 23 00-0861	MO	Torch Burning Package With Full Time Operator	20,275.56	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		For Equipment Without Operator, Deduct	*-19,925.66*	
		For >6 Months (>26 Weeks), Deduct	*-14.00*	
01 22 23 00-0862		**Jacks And Bracing** *(01 22 23 00-0857)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0863		**Manual Hydraulic Jacks** *(01 22 23 00-0862)*		
01 22 23 00-0864	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67	
		For Half Day Usage, Deduct	*-0.52*	
01 22 23 00-0865	WK	12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0866	MO	12 Ton Manual Hydraulic Bottle Jack	28.50	
		For >6 Months (>26 Weeks), Deduct	*-1.14*	
01 22 23 00-0867	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92	
		For Half Day Usage, Deduct	*-0.91*	
01 22 23 00-0868	WK	20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0869	MO	20 Ton Manual Hydraulic Bottle Jack	34.76	
		For >6 Months (>26 Weeks), Deduct	*-1.39*	
01 22 23 00-0870	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43	
		For Half Day Usage, Deduct	*-3.26*	
01 22 23 00-0871	WK	50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0872	MO	50 Ton Manual Hydraulic Bottle Jack	145.66	
		For >6 Months (>26 Weeks), Deduct	*-5.83*	
01 22 23 00-0873	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61	
		For Half Day Usage, Deduct	*-4.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0874	WK	100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0875	MO	100 Ton Manual Hydraulic Bottle Jack	210.46	
		For >6 Months (>26 Weeks), Deduct	*-8.42*	

01 22 23 00-0876 Manual Screw Jacks *(01 22 23 00-0862)*

01 22 23 00-0877	DAY	10 To 20 Ton Manual Screw Jack	19.16	
		For Half Day Usage, Deduct	*-5.99*	
01 22 23 00-0878	WK	10 To 20 Ton Manual Screw Jack	50.71	
01 22 23 00-0879	MO	10 To 20 Ton Manual Screw Jack	152.12	
		For >6 Months (>26 Weeks), Deduct	*-6.08*	

01 22 23 00-0880 Shores/Braces *(01 22 23 00-0862)*

01 22 23 00-0881	MO	Up To 5' Height, Adjustable Tubular Steel Shoring	15.78	
01 22 23 00-0882	MO	Up To 10' Height, Adjustable Tubular Steel Shoring	20.28	
01 22 23 00-0883	MO	>10' To 16' Height, Adjustable Tubular Steel Shoring	27.04	
01 22 23 00-0884	MO	Up To 10' Height, Adjustable Wood Shoring	7.31	
01 22 23 00-0885	MO	>10' To 16' Height, Adjustable Wood Shoring	9.74	
01 22 23 00-0886	EA	Erect And Strip Shores To 10'	13.10	
		For >20 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-4.59*	
		For >100, Deduct	*-7.21*	
01 22 23 00-0887	EA	Erect And Strip Shores To 13'	15.72	
		For >20 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-8.65*	
01 22 23 00-0888	EA	Erect And Strip Shores To 16'	18.33	
		For >20 To 50, Deduct	*-2.75*	
		For >50 To 100, Deduct	*-6.42*	
		For >100, Deduct	*-10.08*	

01 22 23 00-0889 Pressure Washers *(01 22 23 00-0857)*

Note: Includes delivery to job site, pick-up when complete and full time operator.

01 22 23 00-0890	DAY	2,000 PSI Pressure Washer With Full-Time Operator	945.66	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-451.53*	
01 22 23 00-0891	WK	2,000 PSI Pressure Washer With Full-Time Operator	4,448.72	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0892	MO	2,000 PSI Pressure Washer With Full-Time Operator	18,762.30	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-29.36*	
01 22 23 00-0893	DAY	2,500 PSI Pressure Washer With Full-Time Operator	945.66	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-451.53*	
01 22 23 00-0894	WK	2,500 PSI Pressure Washer With Full-Time Operator	4,448.72	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0895	MO	2,500 PSI Pressure Washer With Full-Time Operator	18,762.30	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-29.36*	
01 22 23 00-0896	DAY	3,000 PSI Pressure Washer With Full-Time Operator	945.66	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-451.53*	
01 22 23 00-0897	WK	3,000 PSI Pressure Washer With Full-Time Operator	4,448.72	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0898	MO	3,000 PSI Pressure Washer With Full-Time Operator	18,762.30	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-29.36*	
01 22 23 00-0899	DAY	3,500 PSI Pressure Washer With Full-Time Operator	954.40	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-454.27*	
01 22 23 00-0900	WK	3,500 PSI Pressure Washer With Full-Time Operator	4,474.93	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0901	MO	3,500 PSI Pressure Washer With Full-Time Operator	18,832.19	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-32.15*	
01 22 23 00-0902	DAY	4,000 PSI Pressure Washer With Full-Time Operator	989.35	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-465.19*	
01 22 23 00-0903	WK	4,000 PSI Pressure Washer With Full-Time Operator	4,588.51	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0904	MO	4,000 PSI Pressure Washer With Full-Time Operator	19,225.36	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-47.88*	
01 22 23 00-0905	DAY	5,000 PSI Pressure Washer With Full-Time Operator	1,006.82	
		For Equipment Without Operator, Deduct	*-832.08*	
		For Half Day Usage, Deduct	*-470.65*	
01 22 23 00-0906	WK	5,000 PSI Pressure Washer With Full-Time Operator	4,632.20	
		For Equipment Without Operator, Deduct	*-4,160.40*	
01 22 23 00-0907	MO	5,000 PSI Pressure Washer With Full-Time Operator	19,356.41	
		For Equipment Without Operator, Deduct	*-18,028.39*	
		For >6 Months (>26 Weeks), Deduct	*-53.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0908 Confined Space Entry Equipment *(01 22 23 00-0857)*

Note: Includes delivery to job site, set-up, and pick-up when complete.

01 22 23 00-0909	DAY	Ventilation Equipment For Confined Space	51.10
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
		For Half Day Usage, Deduct	*-15.97*
01 22 23 00-0910	WK	Ventilation Equipment For Confined Space	153.30
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
01 22 23 00-0911	MO	Ventilation Equipment For Confined Space	457.48
		Note: Includes electric or gas blower and ventilation duct up to 25'.	
		For >6 Months (>26 Weeks), Deduct	*-18.30*
01 22 23 00-0912	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	66.13
		For Half Day Usage, Deduct	*-20.67*
01 22 23 00-0913	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	198.38
01 22 23 00-0914	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	595.14
		For >6 Months (>26 Weeks), Deduct	*-23.81*
01 22 23 00-0915	DAY	Confined Space Air Monitor Personnel	832.08
		Note: Per person day.	
		For Half Day Usage, Deduct	*-416.04*
01 22 23 00-0916	WK	15' Long Ventilation Hose For Confined Space	44.37
01 22 23 00-0917	MO	15' Long Ventilation Hose For Confined Space	147.90
		For >6 Months (>26 Weeks), Deduct	*-5.92*

01 22 23 00-0918 High Volume Vacuums *(01 22 23 00-0857)*

Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.

01 22 23 00-0919	DAY	500 Gallon High Volume Vacuum With Full-Time Operator	1,639.24
		For Equipment Without Operator, Deduct	*-1,052.32*
		For Half Day Usage, Deduct	*-709.57*
01 22 23 00-0920	WK	500 Gallon High Volume Vacuum With Full-Time Operator	6,904.97
		For Equipment Without Operator, Deduct	*-5,261.58*
01 22 23 00-0921	MO	500 Gallon High Volume Vacuum With Full-Time Operator	28,434.66
		For Equipment Without Operator, Deduct	*-22,800.18*
		For >6 Months (>26 Weeks), Deduct	*-225.38*

01 22 23 00-0922 Portable Floor Drying Fans *(01 22 23 00-0857)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0923	DAY	2,250 CFM Portable Floor Drying Fan	38.12
		For Half Day Usage, Deduct	*-11.91*
01 22 23 00-0924	WK	2,250 CFM Portable Floor Drying Fan	176.31
01 22 23 00-0925	MO	2,250 CFM Portable Floor Drying Fan	583.74
		For >6 Months (>26 Weeks), Deduct	*-23.35*

01 22 23 00-0926 Portable Dehumidifiers *(01 22 23 00-0857)*

Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.

01 22 23 00-0927	DAY	7.5 To 10 Gallons Per Day, Portable Dehumidifier	187.10
		For Half Day Usage, Deduct	*-58.47*
01 22 23 00-0928	WK	7.5 To 10 Gallons Per Day, Portable Dehumidifier	601.40
01 22 23 00-0929	MO	7.5 To 10 Gallons Per Day, Portable Dehumidifier	1,830.94
		For >6 Months (>26 Weeks), Deduct	*-73.24*
01 22 23 00-0930	DAY	16 To 25 Gallons Per Day, Portable Dehumidifier	334.11
		For Half Day Usage, Deduct	*-104.41*
01 22 23 00-0931	WK	16 To 25 Gallons Per Day, Portable Dehumidifier	1,002.34
01 22 23 00-0932	MO	16 To 25 Gallons Per Day, Portable Dehumidifier	2,338.79
		For >6 Months (>26 Weeks), Deduct	*-93.55*

01 22 23 00-0933 Portable Fume Extractors *(01 22 23 00-0857)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0934	DAY	Portable Fume Extractor	32.85
		For Half Day Usage, Deduct	*-10.27*
01 22 23 00-0935	WK	Portable Fume Extractor	98.55

01 22 23 00-0936 Direct Fired Space Heaters *(01 22 23 00-0857)*

Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.

01 22 23 00-0937	DAY	150,000 BTU/Hour Space Heater	76.92
		For Half Day Usage, Deduct	*-24.04*
01 22 23 00-0938	WK	150,000 BTU/Hour Space Heater	221.14
01 22 23 00-0939	MO	150,000 BTU/Hour Space Heater	624.98
		For >6 Months (>26 Weeks), Deduct	*-25.00*
01 22 23 00-0940	DAY	500,000 BTU/Hour Space Heater	163.46
		For Half Day Usage, Deduct	*-51.08*
01 22 23 00-0941	WK	500,000 BTU/Hour Space Heater	403.83
01 22 23 00-0942	MO	500,000 BTU/Hour Space Heater	1,021.11
		For >6 Months (>26 Weeks), Deduct	*-40.84*

01 22 23 00-0943 Mowers *(01 22 23 00-0857)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0944	DAY	21" Walk Behind Lawn Mower	96.73
		For Half Day Usage, Deduct	*-30.23*
01 22 23 00-0945	WK	21" Walk Behind Lawn Mower	278.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0946	MO	21" Walk Behind Lawn Mower	568.30	
		For >6 Months (>26 Weeks), Deduct	*-22.73*	
01 22 23 00-0947	DAY	32" Walk Behind Lawn Mower	120.92	
		For Half Day Usage, Deduct	*-37.79*	
01 22 23 00-0948	WK	32" Walk Behind Lawn Mower	290.20	
01 22 23 00-0949	MO	32" Walk Behind Lawn Mower	604.58	
		For >6 Months (>26 Weeks), Deduct	*-24.18*	
01 22 23 00-0950	DAY	36" To 48" Walk Behind Deck Mower	217.65	
		For Half Day Usage, Deduct	*-68.02*	
01 22 23 00-0951	WK	36" To 48" Walk Behind Deck Mower	604.58	
01 22 23 00-0952	MO	36" To 48" Walk Behind Deck Mower	1,753.27	
		For >6 Months (>26 Weeks), Deduct	*-70.13*	
01 22 23 00-0953	DAY	61" To 72" Walk Behind Deck Mower	217.65	
		For Half Day Usage, Deduct	*-68.02*	
01 22 23 00-0954	WK	61" To 72" Walk Behind Deck Mower	604.58	
01 22 23 00-0955	MO	61" To 72" Walk Behind Deck Mower	1,753.27	
		For >6 Months (>26 Weeks), Deduct	*-70.13*	

01 22 23 00-0956 Trailer Mounted Brush Chipper *(01 22 23 00-0857)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0957	DAY	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	187.47	
		For Half Day Usage, Deduct	*-58.58*	
01 22 23 00-0958	WK	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	448.30	
01 22 23 00-0959	MO	4" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,377.52	
		For >6 Months (>26 Weeks), Deduct	*-55.10*	
01 22 23 00-0960	DAY	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	244.53	
		For Half Day Usage, Deduct	*-76.42*	
01 22 23 00-0961	WK	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	551.01	
01 22 23 00-0962	MO	6" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,467.18	
		For >6 Months (>26 Weeks), Deduct	*-58.69*	
01 22 23 00-0963	DAY	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	456.46	
		For Half Day Usage, Deduct	*-142.64*	
01 22 23 00-0964	WK	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,027.03	
01 22 23 00-0965	MO	9" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	2,738.74	
		For >6 Months (>26 Weeks), Deduct	*-109.55*	
01 22 23 00-0966	DAY	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	575.32	
		For Half Day Usage, Deduct	*-179.79*	
01 22 23 00-0967	WK	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	1,294.46	
01 22 23 00-0968	MO	12" Capacity, Trailer Mounted Brush Chipper For Emergency Cleanup	3,451.90	
		For >6 Months (>26 Weeks), Deduct	*-138.08*	

01 22 23 00-0969 Marine Equipment *(01 22 23)*

01 22 23 00-0970 Barge And Tug Boat Rental *(01 22 23 00-0969)*

01 22 23 00-0971	DAY	50' Deck Cargo Barge	1,194.98	
		For Half Day Usage, Deduct	*-373.43*	
01 22 23 00-0972	DAY	90' Deck Cargo Barge	1,696.45	
		For Half Day Usage, Deduct	*-530.14*	
01 22 23 00-0973	DAY	160' Deck Cargo Barge	2,496.66	
		For Half Day Usage, Deduct	*-780.21*	
01 22 23 00-0974	DAY	200' Deck Cargo Barge	3,787.67	
		For Half Day Usage, Deduct	*-1,183.65*	
01 22 23 00-0975	DAY	Barge Rental With Mounted Crane And Full-time Operator Note: Including barge.	2,762.35	
		For Half Day Usage, Deduct	*-1,061.27*	
01 22 23 00-0976	HR	250 HP Tug Boat With Operator	255.19	
01 22 23 00-0977	HR	400 HP Tug Boat With Operator	450.97	
01 22 23 00-0978	HR	500 To 800 HP Tug Boat With Operator	563.49	
01 22 23 00-0979	HR	16' Work Boat With Operator	142.34	
01 22 23 00-0980	HR	48' Work Boat With Operator	440.97	

01 22 23 00-0981 Material Handling Equipment *(01 22 23)*

01 22 23 00-0982 Truck Mounted Hydraulic Cranes *(01 22 23 00-0981)*

Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension.

01 22 23 00-0983	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,546.75	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-684.58*	
01 22 23 00-0984	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,800.57	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-0985	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,570.32	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-172.71*	
01 22 23 00-0986	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,672.10	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-723.76*	
01 22 23 00-0987	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,173.15	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-0988	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,684.56	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-217.28*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0989	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,797.46	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-762.93*	
01 22 23 00-0990	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,545.72	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-0991	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,798.80	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-261.85*	
01 22 23 00-0992	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,964.59	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-815.16*	
01 22 23 00-0993	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,047.13	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-0994	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	31,296.06	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-321.74*	
01 22 23 00-0995	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,117.80	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-863.04*	
01 22 23 00-0996	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,084.77	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-0997	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	34,406.18	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-446.14*	
01 22 23 00-0998	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,479.93	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-976.20*	
01 22 23 00-0999	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,380.07	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1000	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	38,294.88	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-601.69*	
01 22 23 00-1001	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,709.74	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,048.02*	
01 22 23 00-1002	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,187.89	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1003	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	40,723.92	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-698.85*	
01 22 23 00-1004	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,890.80	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,104.60*	
01 22 23 00-1005	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,842.51	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1006	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	42,684.99	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-777.29*	
01 22 23 00-1007	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,071.87	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,161.18*	
01 22 23 00-1008	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,497.13	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1009	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	44,646.05	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-855.74*	
01 22 23 00-1010	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,190.26	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,198.18*	
01 22 23 00-1011	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,901.04	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1012	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	45,871.71	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-904.76*	
01 22 23 00-1013	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,350.43	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,248.23*	
01 22 23 00-1014	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	13,499.94	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1015	MO	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	47,654.50	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-976.07*	
01 22 23 00-1016	DAY	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,865.76	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,409.28*	
01 22 23 00-1017	WK	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	15,139.96	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1018	MO	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	52,574.56	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,172.88*	
01 22 23 00-1019	DAY	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,220.93	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,520.27*	
01 22 23 00-1020	WK	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	16,383.04	
		For Equipment Without Operator, Deduct	*-5,365.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1021	MO	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	56,303.78	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,322.05*	
01 22 23 00-1022	DAY	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,861.62	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,720.48*	
01 22 23 00-1023	WK	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	18,625.45	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1024	MO	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	63,031.01	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,591.13*	
01 22 23 00-1025	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,307.31	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,859.76*	
01 22 23 00-1026	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	20,185.38	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1027	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	67,710.82	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,778.33*	

01 22 23 00-1028 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0981)*

Note: Includes full-time operator and counterweights. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0006 for lattice crane delivery.

01 22 23 00-1029	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,744.56	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1030	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	11,327.17	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1031	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	41,136.19	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-715.34*	
01 22 23 00-1032	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	4,032.90	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1033	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	13,472.09	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1034	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	47,570.93	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-972.73*	
01 22 23 00-1035	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,241.82	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1036	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	14,997.20	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1037	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	52,144.88	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,155.69*	
01 22 23 00-1038	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,659.66	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1039	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	16,522.32	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1040	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	56,713.27	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,338.43*	
01 22 23 00-1041	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,858.13	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1042	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	18,047.43	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1043	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	61,292.79	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,521.61*	
01 22 23 00-1044	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,056.61	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1045	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	19,572.55	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1046	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	65,872.32	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,704.79*	
01 22 23 00-1047	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,711.22	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1048	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	21,919.42	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1049	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	72,903.17	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-1,986.02*	
01 22 23 00-1050	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	9,736.42	
		For Equipment Without Operator, Deduct	*-1,073.20*	
01 22 23 00-1051	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	36,265.26	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1052	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	115,957.41	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-3,708.19*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1053			Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0981)*		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1054		DAY	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,675.52	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Half Day Usage, Deduct	*-720.91*	
01 22 23 00-1055		WK	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,786.78	
			For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-1056		MO	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,080.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For >6 Months (>26 Weeks), Deduct	*-131.20*	
01 22 23 00-1057		DAY	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,741.12	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Half Day Usage, Deduct	*-741.41*	
01 22 23 00-1058		WK	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,934.38	
			For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-1059		MO	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,408.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For >6 Months (>26 Weeks), Deduct	*-144.32*	
01 22 23 00-1060		DAY	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,724.72	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Half Day Usage, Deduct	*-736.29*	
01 22 23 00-1061		WK	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,008.18	
			For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-1062		MO	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,900.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For >6 Months (>26 Weeks), Deduct	*-164.00*	
01 22 23 00-1063		DAY	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,913.32	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Half Day Usage, Deduct	*-795.22*	
01 22 23 00-1064		WK	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,500.18	
			For Equipment Without Operator, Deduct	*-5,261.58*	
01 22 23 00-1065		MO	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	28,048.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For >6 Months (>26 Weeks), Deduct	*-209.92*	
01 22 23 00-1066			Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0981)*		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1067		DAY	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,457.40	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*81.02*	
			For Half Day Usage, Deduct	*-652.75*	
01 22 23 00-1068		WK	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,367.76	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*221.24*	
01 22 23 00-1069		MO	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	25,331.93	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*506.35*	
			For >6 Months (>26 Weeks), Deduct	*-101.27*	
01 22 23 00-1070		DAY	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,478.72	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*85.28*	
			For Half Day Usage, Deduct	*-659.41*	
01 22 23 00-1071		WK	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,425.98	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*232.88*	
01 22 23 00-1072		MO	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	25,465.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*533.00*	
			For >6 Months (>26 Weeks), Deduct	*-106.60*	
01 22 23 00-1073		DAY	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,593.52	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*108.24*	
			For Half Day Usage, Deduct	*-695.29*	
01 22 23 00-1074		WK	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,745.78	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*296.84*	
01 22 23 00-1075		MO	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	26,203.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*680.60*	
			For >6 Months (>26 Weeks), Deduct	*-136.12*	
01 22 23 00-1076		DAY	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,656.74	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*120.88*	
			For Half Day Usage, Deduct	*-715.04*	
01 22 23 00-1077		WK	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,718.39	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*291.36*	
01 22 23 00-1078		MO	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	26,426.71	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*725.31*	
			For >6 Months (>26 Weeks), Deduct	*-145.06*	
01 22 23 00-1079			Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0981)*		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1080		DAY	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,396.72	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*68.88*	
			For Half Day Usage, Deduct	*-633.79*	
01 22 23 00-1081		WK	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,048.78	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*157.44*	
01 22 23 00-1082		MO	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	24,686.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*377.20*	
			For >6 Months (>26 Weeks), Deduct	*-75.44*	
01 22 23 00-1083		DAY	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,404.92	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*70.52*	
			For Half Day Usage, Deduct	*-636.35*	
01 22 23 00-1084		WK	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,073.38	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*162.36*	
01 22 23 00-1085		MO	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	24,743.58	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*388.68*	
			For >6 Months (>26 Weeks), Deduct	*-77.74*	
01 22 23 00-1086		DAY	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,577.12	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*104.96*	
			For Half Day Usage, Deduct	*-690.16*	
01 22 23 00-1087		WK	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,450.58	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*237.80*	
01 22 23 00-1088		MO	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	25,670.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*574.00*	
			For >6 Months (>26 Weeks), Deduct	*-114.80*	
01 22 23 00-1089		DAY	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,593.52	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*108.24*	
			For Half Day Usage, Deduct	*-695.29*	
01 22 23 00-1090		WK	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,589.98	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*265.68*	
01 22 23 00-1091		MO	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	26,162.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*672.40*	
			For >6 Months (>26 Weeks), Deduct	*-134.48*	
01 22 23 00-1092		DAY	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,741.12	
			For Equipment Without Operator, Deduct	*-1,052.32*	
			For Propane Instead Of Gas Or Diesel, Add	*137.76*	
			For Half Day Usage, Deduct	*-741.41*	
01 22 23 00-1093		WK	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,827.78	
			For Equipment Without Operator, Deduct	*-5,261.58*	
			For Propane Instead Of Gas Or Diesel, Add	*313.24*	
01 22 23 00-1094		MO	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	26,572.18	
			For Equipment Without Operator, Deduct	*-22,800.18*	
			For Propane Instead Of Gas Or Diesel, Add	*754.40*	
			For >6 Months (>26 Weeks), Deduct	*-150.88*	

01 22 23 00-1095 Chain Hoists *(01 22 23 00-0981)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1096		DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.52	
			For Half Day Usage, Deduct	*-3.91*	
01 22 23 00-1097		WK	1 Ton, 20' Lift, Manual Chain Hoist	32.55	
01 22 23 00-1098		MO	1 Ton, 20' Lift, Manual Chain Hoist	96.40	
			For >6 Months (>26 Weeks), Deduct	*-3.86*	
01 22 23 00-1099		DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.06	
			For Half Day Usage, Deduct	*-10.96*	
01 22 23 00-1100		WK	3 Ton, 20' Lift, Manual Chain Hoist	82.63	
01 22 23 00-1101		MO	3 Ton, 20' Lift, Manual Chain Hoist	231.62	
			For >6 Months (>26 Weeks), Deduct	*-9.26*	
01 22 23 00-1102		DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.07	
			For Half Day Usage, Deduct	*-14.08*	
01 22 23 00-1103		WK	5 Ton, 20' Lift, Manual Chain Hoist	121.44	
01 22 23 00-1104		MO	5 Ton, 20' Lift, Manual Chain Hoist	338.04	
			For >6 Months (>26 Weeks), Deduct	*-13.52*	
01 22 23 00-1105		DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89	
			For Half Day Usage, Deduct	*-27.78*	
01 22 23 00-1106		WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62	
01 22 23 00-1107		MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
			For >6 Months (>26 Weeks), Deduct	*-25.04*	
01 22 23 00-1108		DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
			For Half Day Usage, Deduct	*-28.17*	
01 22 23 00-1109		WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-1110		MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
			For >6 Months (>26 Weeks), Deduct	*-26.29*	
01 22 23 00-1111		DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
			For Half Day Usage, Deduct	*-28.95*	
01 22 23 00-1112		WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1113	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	
		For >6 Months (>26 Weeks), Deduct	*-28.80*	

01 22 23 00-1114 Roof Swing Hoist *(01 22 23 00-0981)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1115	DAY	Up To 400 Lb., Manual Swing Roof Hoist	103.38	
		For Half Day Usage, Deduct	*-32.31*	
01 22 23 00-1116	WK	Up To 400 Lb., Manual Swing Roof Hoist	361.81	
01 22 23 00-1117	MO	Up To 400 Lb., Manual Swing Roof Hoist	1,240.50	
		For >6 Months (>26 Weeks), Deduct	*-49.62*	

01 22 23 00-1118 Truck Mounted Digger Derrick *(01 22 23 00-0981)*

Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.

01 22 23 00-1119	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	1,732.52	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-742.64*	
01 22 23 00-1120	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	7,343.96	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1121	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	28,527.22	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-210.98*	
01 22 23 00-1122	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	1,868.04	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-784.99*	
01 22 23 00-1123	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	7,750.51	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1124	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	29,611.37	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-254.35*	
01 22 23 00-1125	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	2,705.47	
		For Equipment Without Operator, Deduct	*-1,073.20*	
		For Half Day Usage, Deduct	*-1,046.68*	
01 22 23 00-1126	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	10,262.79	
		For Equipment Without Operator, Deduct	*-5,365.99*	
01 22 23 00-1127	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill.	36,310.77	
		For Equipment Without Operator, Deduct	*-23,252.64*	
		For >6 Months (>26 Weeks), Deduct	*-522.33*	

01 22 23 00-1128 Pumping Equipment *(01 22 23)*

01 22 23 00-1129 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1153 for larger diameter pumps.

01 22 23 00-1130	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	84.86	
		For >8 To 16 Hours Usage Per Day, Add	*33.94*	
		For >16 To 24 Hours Usage Per Day, Add	*67.89*	
01 22 23 00-1131	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	190.94	
		For >40 To 80 Hours Usage Per Week, Add	*76.38*	
		For >80 Hours Usage Per Week, Add	*152.75*	
01 22 23 00-1132	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	509.16	
		For >160 To 320 Hours Usage Per Month, Add	*203.66*	
		For >320 Hours Usage Per Month, Add	*407.33*	
		For >6 Months (>26 Weeks), Deduct	*-20.37*	
01 22 23 00-1133	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	101.83	
		For >8 To 16 Hours Usage Per Day, Add	*40.73*	
		For >16 To 24 Hours Usage Per Day, Add	*81.46*	
01 22 23 00-1134	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	229.12	
		For >40 To 80 Hours Usage Per Week, Add	*91.65*	
		For >80 Hours Usage Per Week, Add	*183.30*	
01 22 23 00-1135	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	610.99	
		For >160 To 320 Hours Usage Per Month, Add	*244.40*	
		For >320 Hours Usage Per Month, Add	*488.79*	
		For >6 Months (>26 Weeks), Deduct	*-24.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1136		**Gas Powered Portable Diaphragm Pumps** *(01 22 23 00-1128)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1137	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	97.59	
		For >8 To 16 Hours Usage Per Day, Add	*39.04*	
		For >16 To 24 Hours Usage Per Day, Add	*78.07*	
01 22 23 00-1138	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	275.80	
		For >40 To 80 Hours Usage Per Week, Add	*110.32*	
		For >80 Hours Usage Per Week, Add	*220.64*	
01 22 23 00-1139	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	700.10	
		For >160 To 320 Hours Usage Per Month, Add	*280.04*	
		For >320 Hours Usage Per Month, Add	*560.08*	
		For >6 Months (>26 Weeks), Deduct	*-28.00*	
01 22 23 00-1140	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	118.80	
		For >8 To 16 Hours Usage Per Day, Add	*47.52*	
		For >16 To 24 Hours Usage Per Day, Add	*95.04*	
01 22 23 00-1141	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	318.22	
		For >40 To 80 Hours Usage Per Week, Add	*127.29*	
		For >80 Hours Usage Per Week, Add	*254.58*	
01 22 23 00-1142	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	901.64	
		For >160 To 320 Hours Usage Per Month, Add	*360.66*	
		For >320 Hours Usage Per Month, Add	*721.31*	
		For >6 Months (>26 Weeks), Deduct	*-36.07*	
01 22 23 00-1143		**Gas Powered Portable Trash Pumps** *(01 22 23 00-1128)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1144	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	123.05	
		For >8 To 16 Hours Usage Per Day, Add	*49.22*	
		For >16 To 24 Hours Usage Per Day, Add	*98.44*	
01 22 23 00-1145	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	254.58	
		For >40 To 80 Hours Usage Per Week, Add	*101.83*	
		For >80 Hours Usage Per Week, Add	*203.66*	
01 22 23 00-1146	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	763.74	
		For >160 To 320 Hours Usage Per Month, Add	*305.50*	
		For >320 Hours Usage Per Month, Add	*610.99*	
		For >6 Months (>26 Weeks), Deduct	*-30.55*	
01 22 23 00-1147	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	123.05	
		For >8 To 16 Hours Usage Per Day, Add	*49.22*	
		For >16 To 24 Hours Usage Per Day, Add	*98.44*	
01 22 23 00-1148	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	328.83	
		For >40 To 80 Hours Usage Per Week, Add	*131.53*	
		For >80 Hours Usage Per Week, Add	*263.06*	
01 22 23 00-1149	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	901.64	
		For >160 To 320 Hours Usage Per Month, Add	*360.66*	
		For >320 Hours Usage Per Month, Add	*721.31*	
		For >6 Months (>26 Weeks), Deduct	*-36.07*	
01 22 23 00-1150	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	195.18	
		For >8 To 16 Hours Usage Per Day, Add	*78.07*	
		For >16 To 24 Hours Usage Per Day, Add	*156.14*	
01 22 23 00-1151	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	551.59	
		For >40 To 80 Hours Usage Per Week, Add	*220.64*	
		For >80 Hours Usage Per Week, Add	*441.27*	
01 22 23 00-1152	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,601.73	
		For >160 To 320 Hours Usage Per Month, Add	*640.69*	
		For >320 Hours Usage Per Month, Add	*1,281.38*	
		For >6 Months (>26 Weeks), Deduct	*-64.07*	
01 22 23 00-1153		**Diesel Powered Portable Trash Pumps** *(01 22 23 00-1128)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1154	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	381.87	
		For >8 To 16 Hours Usage Per Day, Add	*152.75*	
		For >16 To 24 Hours Usage Per Day, Add	*305.50*	
01 22 23 00-1155	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	1,039.54	
		For >40 To 80 Hours Usage Per Week, Add	*415.82*	
		For >80 Hours Usage Per Week, Add	*831.63*	
01 22 23 00-1156	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,529.40	
		For >160 To 320 Hours Usage Per Month, Add	*1,811.76*	
		For >320 Hours Usage Per Month, Add	*3,623.52*	
		For >6 Months (>26 Weeks), Deduct	*-181.18*	
01 22 23 00-1157	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	583.41	
		For >8 To 16 Hours Usage Per Day, Add	*233.36*	
		For >16 To 24 Hours Usage Per Day, Add	*466.73*	
01 22 23 00-1158	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,527.48	
		For >40 To 80 Hours Usage Per Week, Add	*610.99*	
		For >80 Hours Usage Per Week, Add	*1,221.98*	
01 22 23 00-1159	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,062.67	
		For >160 To 320 Hours Usage Per Month, Add	*1,625.07*	
		For >320 Hours Usage Per Month, Add	*3,250.14*	
		For >6 Months (>26 Weeks), Deduct	*-162.51*	
01 22 23 00-1160	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	793.44	
		For >8 To 16 Hours Usage Per Day, Add	*317.38*	
		For >16 To 24 Hours Usage Per Day, Add	*634.75*	
01 22 23 00-1161	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,123.62	
		For >40 To 80 Hours Usage Per Week, Add	*849.45*	
		For >80 Hours Usage Per Week, Add	*1,698.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1162	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,681.38	
		For >160 To 320 Hours Usage Per Month, Add	*2,272.55*	
		For >320 Hours Usage Per Month, Add	*4,545.10*	
		For >6 Months (>26 Weeks), Deduct	*-227.26*	
01 22 23 00-1163	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,026.81	
		For >8 To 16 Hours Usage Per Day, Add	*410.72*	
		For >16 To 24 Hours Usage Per Day, Add	*821.45*	
01 22 23 00-1164	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,622.17	
		For >40 To 80 Hours Usage Per Week, Add	*1,048.87*	
		For >80 Hours Usage Per Week, Add	*2,097.74*	
01 22 23 00-1165	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,701.04	
		For >160 To 320 Hours Usage Per Month, Add	*3,080.42*	
		For >320 Hours Usage Per Month, Add	*6,160.83*	
		For >6 Months (>26 Weeks), Deduct	*-308.04*	

01 22 23 00-1166 Diesel Powered Portable High Head Trash Pumps *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1167	DAY	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	509.16	
		For >8 To 16 Hours Usage Per Day, Add	*203.66*	
		For >16 To 24 Hours Usage Per Day, Add	*407.33*	
01 22 23 00-1168	WK	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,145.61	
		For >40 To 80 Hours Usage Per Week, Add	*458.24*	
		For >80 Hours Usage Per Week, Add	*916.49*	
01 22 23 00-1169	MO	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	3,054.96	
		For >160 To 320 Hours Usage Per Month, Add	*1,221.98*	
		For >320 Hours Usage Per Month, Add	*2,443.97*	
		For >6 Months (>26 Weeks), Deduct	*-122.20*	
01 22 23 00-1170	DAY	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	763.74	
		For >8 To 16 Hours Usage Per Day, Add	*305.50*	
		For >16 To 24 Hours Usage Per Day, Add	*610.99*	
01 22 23 00-1171	WK	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,043.00	
		For >40 To 80 Hours Usage Per Week, Add	*817.20*	
		For >80 Hours Usage Per Week, Add	*1,634.40*	
01 22 23 00-1172	MO	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,728.05	
		For >160 To 320 Hours Usage Per Month, Add	*2,291.22*	
		For >320 Hours Usage Per Month, Add	*4,582.44*	
		For >6 Months (>26 Weeks), Deduct	*-229.12*	
01 22 23 00-1173	DAY	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	933.46	
		For >8 To 16 Hours Usage Per Day, Add	*373.38*	
		For >16 To 24 Hours Usage Per Day, Add	*746.77*	
		For Half Day Usage, Deduct	*-291.71*	
01 22 23 00-1174	WK	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,100.28	
		For >40 To 80 Hours Usage Per Week, Add	*840.11*	
		For >80 Hours Usage Per Week, Add	*1,680.22*	
01 22 23 00-1175	MO	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,600.76	
		For >160 To 320 Hours Usage Per Month, Add	*2,240.30*	
		For >320 Hours Usage Per Month, Add	*4,480.61*	
		For >6 Months (>26 Weeks), Deduct	*-224.03*	

01 22 23 00-1176 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1177	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	545.23	
		For >8 To 16 Hours Usage Per Day, Add	*218.09*	
		For >16 To 24 Hours Usage Per Day, Add	*436.18*	
01 22 23 00-1178	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,241.08	
		For >40 To 80 Hours Usage Per Week, Add	*496.43*	
		For >80 Hours Usage Per Week, Add	*992.86*	
01 22 23 00-1179	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,869.62	
		For >160 To 320 Hours Usage Per Month, Add	*1,547.85*	
		For >320 Hours Usage Per Month, Add	*3,095.70*	
		For >6 Months (>26 Weeks), Deduct	*-154.78*	
01 22 23 00-1180	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	668.27	
		For >8 To 16 Hours Usage Per Day, Add	*267.31*	
		For >16 To 24 Hours Usage Per Day, Add	*534.62*	
01 22 23 00-1181	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,665.38	
		For >40 To 80 Hours Usage Per Week, Add	*666.15*	
		For >80 Hours Usage Per Week, Add	*1,332.30*	
01 22 23 00-1182	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,529.40	
		For >160 To 320 Hours Usage Per Month, Add	*1,811.76*	
		For >320 Hours Usage Per Month, Add	*3,623.52*	
		For >6 Months (>26 Weeks), Deduct	*-181.18*	
01 22 23 00-1183	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	806.17	
		For >8 To 16 Hours Usage Per Day, Add	*322.47*	
		For >16 To 24 Hours Usage Per Day, Add	*644.94*	
01 22 23 00-1184	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,384.57	
		For >40 To 80 Hours Usage Per Week, Add	*953.83*	
		For >80 Hours Usage Per Week, Add	*1,907.66*	
01 22 23 00-1185	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,650.90	
		For >160 To 320 Hours Usage Per Month, Add	*2,660.36*	
		For >320 Hours Usage Per Month, Add	*5,320.72*	
		For >6 Months (>26 Weeks), Deduct	*-266.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1186	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,213.50	
		For >8 To 16 Hours Usage Per Day, Add	*485.40*	
		For >16 To 24 Hours Usage Per Day, Add	*970.80*	
01 22 23 00-1187	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,099.51	
		For >40 To 80 Hours Usage Per Week, Add	*1,239.80*	
		For >80 Hours Usage Per Week, Add	*2,479.61*	
01 22 23 00-1188	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	9,101.24	
		For >160 To 320 Hours Usage Per Month, Add	*3,640.50*	
		For >320 Hours Usage Per Month, Add	*7,280.99*	
		For >6 Months (>26 Weeks), Deduct	*-364.05*	

01 22 23 00-1189 3 Phase Electric Submersible Pumps *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1190	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	212.15	
01 22 23 00-1191	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	530.38	
01 22 23 00-1192	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,591.12	
		For >6 Months (>26 Weeks), Deduct	*-63.64*	
01 22 23 00-1193	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	280.04	
01 22 23 00-1194	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	700.10	
01 22 23 00-1195	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	2,100.28	
		For >6 Months (>26 Weeks), Deduct	*-84.01*	

01 22 23 00-1196 Suction Hose With Couplings *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-1197	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1198	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	16.08	
01 22 23 00-1199	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1200	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	17.15	
		For Half Day Usage, Deduct	*-5.36*	
01 22 23 00-1201	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	43.96	
01 22 23 00-1202	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	134.01	
		For >6 Months (>26 Weeks), Deduct	*-5.36*	
01 22 23 00-1203	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	25.73	
		For Half Day Usage, Deduct	*-8.04*	
01 22 23 00-1204	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	65.40	
01 22 23 00-1205	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	198.34	
		For >6 Months (>26 Weeks), Deduct	*-7.93*	
01 22 23 00-1206	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	32.16	
		For Half Day Usage, Deduct	*-10.05*	
01 22 23 00-1207	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	80.41	
01 22 23 00-1208	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	235.86	
		For >6 Months (>26 Weeks), Deduct	*-9.43*	
01 22 23 00-1209	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	75.05	
		For Half Day Usage, Deduct	*-23.45*	
01 22 23 00-1210	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	192.98	
01 22 23 00-1211	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	568.21	
		For >6 Months (>26 Weeks), Deduct	*-22.73*	
01 22 23 00-1212	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	100.78	
		For Half Day Usage, Deduct	*-31.49*	
01 22 23 00-1213	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	219.78	
01 22 23 00-1214	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	659.34	
		For >6 Months (>26 Weeks), Deduct	*-26.37*	

01 22 23 00-1215 Discharge Hose With Couplings *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-1216	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1217	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	16.08	
01 22 23 00-1218	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1219	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.50	
		For Half Day Usage, Deduct	*-2.34*	
01 22 23 00-1220	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	18.23	
01 22 23 00-1221	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	56.82	
		For >6 Months (>26 Weeks), Deduct	*-2.27*	
01 22 23 00-1222	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.58	
		For Half Day Usage, Deduct	*-2.68*	
01 22 23 00-1223	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.44	
01 22 23 00-1224	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	65.40	
		For >6 Months (>26 Weeks), Deduct	*-2.62*	
01 22 23 00-1225	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	22.51	
		For Half Day Usage, Deduct	*-7.03*	
01 22 23 00-1226	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	57.89	
01 22 23 00-1227	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	166.18	
		For >6 Months (>26 Weeks), Deduct	*-6.65*	
01 22 23 00-1228	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	27.87	
		For Half Day Usage, Deduct	*-8.71*	
01 22 23 00-1229	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	76.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1230	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	209.06	
		For >6 Months (>26 Weeks), Deduct	*-8.36*	
01 22 23 00-1231	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	21.44	
		For Half Day Usage, Deduct	*-6.70*	
01 22 23 00-1232	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	53.60	
01 22 23 00-1233	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	160.82	
		For >6 Months (>26 Weeks), Deduct	*-6.43*	
01 22 23 00-1234	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	54.68	
		For Half Day Usage, Deduct	*-17.09*	
01 22 23 00-1235	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	139.37	
01 22 23 00-1236	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	412.76	
		For >6 Months (>26 Weeks), Deduct	*-16.51*	

01 22 23 00-1237 Hydraulic Submersible Pumps *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1238 Hydraulic Submersible Pumps *(01 22 23 00-1237)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1239	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	140.02	
		For >8 To 16 Hours Usage Per Day, Add	*56.01*	
		For >16 To 24 Hours Usage Per Day, Add	*112.02*	
01 22 23 00-1240	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	375.51	
		For >40 To 80 Hours Usage Per Week, Add	*150.20*	
		For >80 Hours Usage Per Week, Add	*300.41*	
01 22 23 00-1241	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	1,050.14	
		For >160 To 320 Hours Usage Per Month, Add	*420.06*	
		For >320 Hours Usage Per Month, Add	*840.11*	
		For >6 Months (>26 Weeks), Deduct	*-42.01*	
01 22 23 00-1242	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	178.21	
		For >8 To 16 Hours Usage Per Day, Add	*71.28*	
		For >16 To 24 Hours Usage Per Day, Add	*142.57*	
01 22 23 00-1243	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	458.24	
		For >40 To 80 Hours Usage Per Week, Add	*183.30*	
		For >80 Hours Usage Per Week, Add	*366.59*	
01 22 23 00-1244	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,400.19	
		For >160 To 320 Hours Usage Per Month, Add	*560.08*	
		For >320 Hours Usage Per Month, Add	*1,120.15*	
		For >6 Months (>26 Weeks), Deduct	*-56.01*	

01 22 23 00-1245 Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-1237)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1246	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	323.53	
		For >8 To 16 Hours Usage Per Day, Add	*129.41*	
		For >16 To 24 Hours Usage Per Day, Add	*258.82*	
01 22 23 00-1247	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	965.28	
		For >40 To 80 Hours Usage Per Week, Add	*386.11*	
		For >80 Hours Usage Per Week, Add	*772.22*	
01 22 23 00-1248	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,545.80	
		For >160 To 320 Hours Usage Per Month, Add	*1,018.32*	
		For >320 Hours Usage Per Month, Add	*2,036.64*	
		For >6 Months (>26 Weeks), Deduct	*-101.83*	

01 22 23 00-1249 HDPE Pipe With Couplings *(01 22 23 00-1128)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-1250	DAY	4" Diameter x 50' Length, HDPE Pipe With Couplings	21.52	
		For Half Day Usage, Deduct	*-6.73*	
01 22 23 00-1251	WK	4" Diameter x 50' Length, HDPE Pipe With Couplings	51.64	
01 22 23 00-1252	MO	4" Diameter x 50' Length, HDPE Pipe With Couplings	159.24	
		For >6 Months (>26 Weeks), Deduct	*-6.37*	
01 22 23 00-1253	DAY	6" Diameter x 50' Length, HDPE Pipe With Couplings	34.43	
		For Half Day Usage, Deduct	*-10.76*	
01 22 23 00-1254	WK	6" Diameter x 50' Length, HDPE Pipe With Couplings	86.07	
01 22 23 00-1255	MO	6" Diameter x 50' Length, HDPE Pipe With Couplings	262.53	
		For >6 Months (>26 Weeks), Deduct	*-10.50*	
01 22 23 00-1256	DAY	8" Diameter x 50' Length, HDPE Pipe With Couplings	55.95	
		For Half Day Usage, Deduct	*-17.48*	
01 22 23 00-1257	WK	8" Diameter x 50' HDPE Length, HDPE With Couplings	146.33	
01 22 23 00-1258	MO	8" Diameter x 50' Length, HDPE Pipe With Couplings	434.67	
		For >6 Months (>26 Weeks), Deduct	*-17.39*	
01 22 23 00-1259	DAY	10" Diameter x 50' Length, HDPE Pipe With Couplings	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1260	WK	10" Diameter x 50' Length, HDPE Pipe With Couplings	176.45	
01 22 23 00-1261	MO	10" Diameter x 50' Length, HDPE Pipe With Couplings	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1262	DAY	12" Diameter x 20' Length, HDPE Pipe With Couplings	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1263	WK	12" Diameter x 20' Length, HDPE Pipe With Couplings	142.02	
01 22 23 00-1264	MO	12" Diameter x 20' Length, HDPE Pipe With Couplings	430.37	
		For >6 Months (>26 Weeks), Deduct	*-17.21*	
01 22 23 00-1265	DAY	4" Diameter Elbow For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1266	WK	4" Diameter Elbow For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1267	MO	4" Diameter Elbow For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1268	DAY	6" Diameter Elbow For HDPE Pipe, Quick Connect	60.25	
		For Half Day Usage, Deduct	*-18.83*	
01 22 23 00-1269	WK	6" Diameter Elbow For HDPE Pipe, Quick Connect	154.93	
01 22 23 00-1270	MO	6" Diameter Elbow For HDPE Pipe, Quick Connect	473.41	
		For >6 Months (>26 Weeks), Deduct	*-18.94*	
01 22 23 00-1271	DAY	8" Diameter Elbow For HDPE Pipe, Quick Connect	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1272	WK	8" Diameter Elbow For HDPE Pipe, Quick Connect	176.45	
01 22 23 00-1273	MO	8" Diameter Elbow For HDPE Pipe, Quick Connect	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1274	DAY	10" Diameter Elbow For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1275	WK	10" Diameter Elbow For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1276	MO	10" Diameter Elbow For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1277	DAY	12" Diameter Elbow For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1278	WK	12" Diameter Elbow For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1279	MO	12" Diameter Elbow For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1280	DAY	4" Diameter Tee For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1281	WK	4" Diameter Tee For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1282	MO	4" Diameter Tee For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	
01 22 23 00-1283	DAY	6" Diameter Tee For HDPE Pipe, Quick Connect	68.86	
		For Half Day Usage, Deduct	*-21.52*	
01 22 23 00-1284	WK	6" Diameter Tee For HDPE Pipe, Quick Connect	176.45	
01 22 23 00-1285	MO	6" Diameter Tee For HDPE Pipe, Quick Connect	537.96	
		For >6 Months (>26 Weeks), Deduct	*-21.52*	
01 22 23 00-1286	DAY	8" Diameter Tee For HDPE Pipe, Quick Connect	86.07	
		For Half Day Usage, Deduct	*-26.90*	
01 22 23 00-1287	WK	8" Diameter Tee For HDPE Pipe, Quick Connect	219.49	
01 22 23 00-1288	MO	8" Diameter Tee For HDPE Pipe, Quick Connect	667.07	
		For >6 Months (>26 Weeks), Deduct	*-26.68*	
01 22 23 00-1289	DAY	10" Diameter Tee For HDPE Pipe, Quick Connect	103.29	
		For Half Day Usage, Deduct	*-32.28*	
01 22 23 00-1290	WK	10" Diameter Tee For HDPE Pipe, Quick Connect	262.53	
01 22 23 00-1291	MO	10" Diameter Tee For HDPE Pipe, Quick Connect	796.18	
		For >6 Months (>26 Weeks), Deduct	*-31.85*	
01 22 23 00-1292	DAY	12" Diameter Tee For HDPE Pipe, Quick Connect	103.29	
		For Half Day Usage, Deduct	*-32.28*	
01 22 23 00-1293	WK	12" Diameter Tee For HDPE Pipe, Quick Connect	262.53	
01 22 23 00-1294	MO	12" Diameter Tee For HDPE Pipe, Quick Connect	796.18	
		For >6 Months (>26 Weeks), Deduct	*-31.85*	
01 22 23 00-1295	DAY	4" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1296	WK	4" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1297	MO	4" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1298	DAY	6" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1299	WK	6" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1300	MO	6" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1301	DAY	8" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1302	WK	8" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1303	MO	8" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1304	DAY	10" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1305	WK	10" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1306	MO	10" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1307	DAY	12" Diameter Cap For HDPE Pipe, Quick Connect	8.61	
		For Half Day Usage, Deduct	*-2.69*	
01 22 23 00-1308	WK	12" Diameter Cap For HDPE Pipe, Quick Connect	25.82	
01 22 23 00-1309	MO	12" Diameter Cap For HDPE Pipe, Quick Connect	77.47	
		For >6 Months (>26 Weeks), Deduct	*-3.10*	
01 22 23 00-1310	DAY	4" Diameter Wye For HDPE Pipe, Quick Connect	25.82	
		For Half Day Usage, Deduct	*-8.07*	
01 22 23 00-1311	WK	4" Diameter Wye For HDPE Pipe, Quick Connect	64.56	
01 22 23 00-1312	MO	4" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
		For >6 Months (>26 Weeks), Deduct	*-7.92*	
01 22 23 00-1313	DAY	6" Diameter Wye For HDPE Pipe, Quick Connect	30.13	
		For Half Day Usage, Deduct	*-9.42*	
01 22 23 00-1314	WK	6" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
01 22 23 00-1315	MO	6" Diameter Wye For HDPE Pipe, Quick Connect	236.70	
		For >6 Months (>26 Weeks), Deduct	*-9.47*	
01 22 23 00-1316	DAY	8" Diameter Wye For HDPE Pipe, Quick Connect	51.64	
		For Half Day Usage, Deduct	*-16.14*	
01 22 23 00-1317	WK	8" Diameter Wye For HDPE Pipe, Quick Connect	133.41	
01 22 23 00-1318	MO	8" Diameter Wye For HDPE Pipe, Quick Connect	395.94	
		For >6 Months (>26 Weeks), Deduct	*-15.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1319	DAY	10" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
		For Half Day Usage, Deduct	*-24.21*	
01 22 23 00-1320	WK	10" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
01 22 23 00-1321	MO	10" Diameter Wye For HDPE Pipe, Quick Connect	602.52	
		For >6 Months (>26 Weeks), Deduct	*-24.10*	
01 22 23 00-1322	DAY	12" Diameter Wye For HDPE Pipe, Quick Connect	77.47	
		For Half Day Usage, Deduct	*-24.21*	
01 22 23 00-1323	WK	12" Diameter Wye For HDPE Pipe, Quick Connect	197.97	
01 22 23 00-1324	MO	12" Diameter Wye For HDPE Pipe, Quick Connect	602.52	
		For >6 Months (>26 Weeks), Deduct	*-24.10*	

01 22 23 00-1325 Temporary Building Services *(01 22 23)*

01 22 23 00-1326 Boilers *(01 22 23 00-1325)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1327 Electric Boilers *(01 22 23 00-1326)*

01 22 23 00-1328	MO	40 MBH, 12 KW Electric Boiler Rental	2,871.84	
01 22 23 00-1329	MO	60 MBH, 20 KW Electric Boiler Rental	3,132.95	
01 22 23 00-1330	MO	95 MBH, 30 KW Electric Boiler Rental	3,263.51	
01 22 23 00-1331	MO	135 MBH, 40 KW Electric Boiler Rental	3,655.06	
01 22 23 00-1332	MO	165 MBH, 50 KW Electric Boiler Rental	5,090.98	
01 22 23 00-1333	MO	215 MBH, 60 KW Electric Boiler Rental	5,874.23	
01 22 23 00-1334	MO	365 MBH, 100 KW Electric Boiler Rental	7,701.83	
01 22 23 00-1335	MO	510 MBH, 150 KW Electric Boiler Rental	9,398.85	

01 22 23 00-1336 Oil/Gas Fired Boilers *(01 22 23 00-1326)*

01 22 23 00-1337	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,526.50	
01 22 23 00-1338	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	3,284.45	
01 22 23 00-1339	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	5,305.65	
01 22 23 00-1340	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	7,326.85	

01 22 23 00-1341 Oil Fired Boilers *(01 22 23 00-1326)*

01 22 23 00-1342	MO	250 HP Oil Fired Boiler Rental	8,065.57	
01 22 23 00-1343	MO	350 HP Oil Fired Boiler Rental	10,754.10	
01 22 23 00-1344	MO	500 HP Oil Fired Boiler Rental	13,442.62	
01 22 23 00-1345	MO	600 HP Oil Fired Boiler Rental	14,786.89	

01 22 23 00-1346 Boilers Set-up *(01 22 23 00-1326)*

01 22 23 00-1347	EA	Set-up Charge For Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	8,007.46	

01 22 23 00-1348 Chillers *(01 22 23 00-1325)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1349 Air-Cooled Chillers *(01 22 23 00-1348)*

01 22 23 00-1350	MO	25 Ton Air-Cooled Chiller Rental	2,542.48	
		For >3 To 6 Month Rental, Deduct	*-381.37*	
		For >6 Months (>26 Weeks), Deduct	*-635.62*	
01 22 23 00-1351	MO	40 Ton Air-Cooled Chiller Rental	4,067.98	
		For >3 To 6 Month Rental, Deduct	*-610.20*	
		For >6 Months (>26 Weeks), Deduct	*-1,017.00*	
01 22 23 00-1352	MO	60 Ton Air-Cooled Chiller Rental	4,975.60	
		For >3 To 6 Month Rental, Deduct	*-746.34*	
		For >6 Months (>26 Weeks), Deduct	*-1,243.90*	
01 22 23 00-1353	MO	80 Ton Air-Cooled Chiller Rental	5,883.22	
		For >3 To 6 Month Rental, Deduct	*-882.48*	
		For >6 Months (>26 Weeks), Deduct	*-1,470.81*	
01 22 23 00-1354	MO	100 Ton Air-Cooled Chiller Rental	6,790.84	
		For >3 To 6 Month Rental, Deduct	*-1,018.63*	
		For >6 Months (>26 Weeks), Deduct	*-1,697.71*	
01 22 23 00-1355	MO	125 Ton Air-Cooled Chiller Rental	7,867.32	
		For >3 To 6 Month Rental, Deduct	*-1,180.10*	
		For >6 Months (>26 Weeks), Deduct	*-1,966.83*	
01 22 23 00-1356	MO	155 Ton Air-Cooled Chiller Rental	9,517.53	
		For >3 To 6 Month Rental, Deduct	*-1,427.63*	
		For >6 Months (>26 Weeks), Deduct	*-2,379.38*	
01 22 23 00-1357	MO	170 Ton Air-Cooled Chiller Rental	10,177.62	
		For >3 To 6 Month Rental, Deduct	*-1,526.64*	
		For >6 Months (>26 Weeks), Deduct	*-2,544.41*	
01 22 23 00-1358	MO	200 Ton Air-Cooled Chiller Rental	11,691.60	
		For >3 To 6 Month Rental, Deduct	*-1,753.74*	
		For >6 Months (>26 Weeks), Deduct	*-2,922.90*	
01 22 23 00-1359	MO	250 Ton Air-Cooled Chiller Rental	13,911.73	
		For >3 To 6 Month Rental, Deduct	*-2,086.76*	
		For >6 Months (>26 Weeks), Deduct	*-3,477.93*	
01 22 23 00-1360	MO	300 Ton Air-Cooled Chiller Rental Note: Includes trailer.	16,233.54	
		For >3 To 6 Month Rental, Deduct	*-2,435.03*	
		For >6 Months (>26 Weeks), Deduct	*-4,058.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1361	MO	400 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	21,414.46	
		For >3 To 6 Month Rental, Deduct	*-3,212.17*	
		For >6 Months (>26 Weeks), Deduct	*-5,353.62*	
01 22 23 00-1362	MO	500 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	26,507.11	
		For >3 To 6 Month Rental, Deduct	*-3,976.07*	
		For >6 Months (>26 Weeks), Deduct	*-6,626.78*	
01 22 23 00-1363	EA	Set-up Charge For Air-Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,566.16	

01 22 23 00-1364 Chiller Rental Accessories *(01 22 23 00-1348)*

01 22 23 00-1365	MO	4" x 25' Flexible Water Hose For Chiller Rental	45.30	
01 22 23 00-1366	MO	6" x 25' Flexible Water Hose For Chiller Rental	56.63	

01 22 23 00-1367 Cooling Tower *(01 22 23 00-1325)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1368	MO	100 Ton Cooling Tower Rental	3,688.22	
		For >3 To 6 Months Rental, Deduct	*-553.23*	
		For >6 Months (>26 Weeks), Deduct	*-922.06*	
01 22 23 00-1369	MO	200 Ton Cooling Tower Rental	6,714.00	
		For >3 To 6 Months Rental, Deduct	*-1,007.10*	
		For >6 Months (>26 Weeks), Deduct	*-1,678.50*	
01 22 23 00-1370	MO	250 Ton Cooling Tower Rental	7,603.29	
		For >3 To 6 Months Rental, Deduct	*-1,140.49*	
		For >6 Months (>26 Weeks), Deduct	*-1,900.82*	
01 22 23 00-1371	MO	300 Ton Cooling Tower Rental	8,593.92	
		For >3 To 6 Months Rental, Deduct	*-1,289.09*	
		For >6 Months (>26 Weeks), Deduct	*-2,148.48*	
01 22 23 00-1372	MO	400 Ton Cooling Tower Rental	10,742.40	
		For >3 To 6 Months Rental, Deduct	*-1,611.36*	
		For >6 Months (>26 Weeks), Deduct	*-2,685.60*	
01 22 23 00-1373	MO	500 Ton Cooling Tower Rental	12,559.71	
		For >3 To 6 Months Rental, Deduct	*-1,883.96*	
		For >6 Months (>26 Weeks), Deduct	*-3,139.93*	
01 22 23 00-1374	MO	Set-up Charge For Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	5,566.16	

01 22 23 00-1375 Emergency Cooler/Freezer *(01 22 23 00-1325)*

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

01 22 23 00-1376	DAY	8 x 6 x 7 Emergency Cooler Rental	172.01	
		For Half Day Usage, Deduct	*-53.75*	
01 22 23 00-1377	WK	8 x 6 x 7 Emergency Cooler Rental	917.40	
01 22 23 00-1378	DAY	10 x 7 x 7 Emergency Cooler Rental	344.02	
		For Half Day Usage, Deduct	*-107.51*	
01 22 23 00-1379	WK	10 x 7 x 7 Emergency Cooler Rental	1,376.10	
01 22 23 00-1380	MO	10 x 7 x 7 Emergency Cooler Rental	3,440.25	
01 22 23 00-1381	DAY	10 x 7 x 7 Emergency Freezer Rental	401.36	
		For Half Day Usage, Deduct	*-125.43*	
01 22 23 00-1382	WK	10 x 7 x 7 Emergency Freezer Rental	1,605.45	
01 22 23 00-1383	MO	10 x 7 x 7 Emergency Freezer Rental	4,128.30	
01 22 23 00-1384	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	458.70	
		For Half Day Usage, Deduct	*-143.34*	
01 22 23 00-1385	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	1,834.80	
01 22 23 00-1386	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	4,587.00	

01 22 23 00-1387 Fuel Oil Tank *(01 22 23 00-1325)*

Note: Excludes delivery to job site and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0830 for reimbursable fuel fees.

01 22 23 00-1388	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	438.74	
		For >6 Months (>26 Weeks), Deduct	*-17.55*	
01 22 23 00-1389	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	682.48	
		For >6 Months (>26 Weeks), Deduct	*-27.30*	
01 22 23 00-1390	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,706.20	
		For >6 Months (>26 Weeks), Deduct	*-68.25*	
01 22 23 00-1391	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,843.66	
		For >6 Months (>26 Weeks), Deduct	*-113.75*	
01 22 23 00-1392	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,753.63	
		For >6 Months (>26 Weeks), Deduct	*-150.15*	
01 22 23 00-1393	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,705.63	
		For >6 Months (>26 Weeks), Deduct	*-268.23*	

01 22 23 00-1394 Portable Spot Cooling Units *(01 22 23 00-1325)*

Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.

01 22 23 00-1395	DAY	1 Ton Portable Spot Cooling Unit	197.84	
		For Half Day Usage, Deduct	*-61.83*	
01 22 23 00-1396	WK	1 Ton Portable Spot Cooling Unit	428.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1397	MO	1 Ton Portable Spot Cooling Unit	1,013.29	
		For >6 Months (>26 Weeks), Deduct	*-40.53*	
01 22 23 00-1398	DAY	1.5 Ton Portable Spot Cooling Unit	258.71	
		For Half Day Usage, Deduct	*-80.85*	
01 22 23 00-1399	WK	1.5 Ton Portable Spot Cooling Unit	531.38	
01 22 23 00-1400	MO	1.5 Ton Portable Spot Cooling Unit	1,246.64	
		For >6 Months (>26 Weeks), Deduct	*-49.87*	
01 22 23 00-1401	DAY	2 Ton Portable Spot Cooling Unit	348.76	
		For Half Day Usage, Deduct	*-108.99*	
01 22 23 00-1402	WK	2 Ton Portable Spot Cooling Unit	729.22	
01 22 23 00-1403	MO	2 Ton Portable Spot Cooling Unit	1,350.63	
		For >6 Months (>26 Weeks), Deduct	*-54.03*	
01 22 23 00-1404	DAY	3 Ton Portable Spot Cooling Unit	365.24	
		For Half Day Usage, Deduct	*-114.14*	
01 22 23 00-1405	WK	3 Ton Portable Spot Cooling Unit	773.60	
01 22 23 00-1406	MO	3 Ton Portable Spot Cooling Unit	1,709.53	
		For >6 Months (>26 Weeks), Deduct	*-68.38*	
01 22 23 00-1407	DAY	5 Ton Portable Spot Cooling Unit	570.69	
		For Half Day Usage, Deduct	*-178.34*	
01 22 23 00-1408	WK	5 Ton Portable Spot Cooling Unit	1,154.06	
01 22 23 00-1409	MO	5 Ton Portable Spot Cooling Unit	2,398.17	
		For >6 Months (>26 Weeks), Deduct	*-95.93*	
01 22 23 00-1410	DAY	10 To 12 Ton Portable Spot Cooling Unit	745.70	
		For Half Day Usage, Deduct	*-233.03*	
01 22 23 00-1411	WK	10 To 12 Ton Portable Spot Cooling Unit	1,680.36	
01 22 23 00-1412	MO	10 To 12 Ton Portable Spot Cooling Unit	4,055.70	
		For >6 Months (>26 Weeks), Deduct	*-162.23*	
01 22 23 00-1413	DAY	20 Ton Portable Spot Cooling Unit	856.04	
		For Half Day Usage, Deduct	*-267.51*	
01 22 23 00-1414	WK	20 Ton Portable Spot Cooling Unit	1,965.71	
01 22 23 00-1415	MO	20 Ton Portable Spot Cooling Unit	5,478.62	
		For >6 Months (>26 Weeks), Deduct	*-219.14*	
01 22 23 00-1416	DAY	25 Ton Portable Spot Cooling Unit	1,217.47	
		For Half Day Usage, Deduct	*-380.46*	
01 22 23 00-1417	WK	25 Ton Portable Spot Cooling Unit	2,466.65	
01 22 23 00-1418	MO	25 Ton Portable Spot Cooling Unit	5,738.60	
		For >6 Months (>26 Weeks), Deduct	*-229.54*	
01 22 23 00-1419	EA	Set-up Charge For Rental Of Up To 5 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	292.59	
01 22 23 00-1420	EA	Set-up Charge For Rental Of 10 To 15 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	668.20	
01 22 23 00-1421	EA	Set-up Charge For Rental Of 20 To 25 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	968.51	

01 22 23 00-1422 Air Handling Unit (AHU) *(01 22 23 00-1325)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1423 Air Handling Unit (AHU) *(01 22 23 00-1422)*

01 22 23 00-1424	MO	5,000 CFM Air Handling Unit Rental	3,154.10	
		For >6 Months (>26 Weeks), Deduct	*-126.16*	
01 22 23 00-1425	MO	10,000 CFM Air Handling Unit Rental	3,261.42	
		For >6 Months (>26 Weeks), Deduct	*-130.46*	
01 22 23 00-1426	MO	25,000 CFM Air Handling Unit Rental	5,359.59	
		For >6 Months (>26 Weeks), Deduct	*-214.38*	

01 22 23 00-1427 Air Handling Unit Set-up *(01 22 23 00-1422)*

01 22 23 00-1428	EA	Set-up Charge For Rental Air Handling Unit Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	1,113.40	
01 22 23 00-1429	MO	12" x 100' Flex Duct For AHU Rental Note: Includes four (4) 25' sections.	308.67	
01 22 23 00-1430	MO	20" x 100' Flex Duct For AHU Rental Note: Includes four (4) 25' sections.	373.23	

01 22 23 00-1431 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1432 Trucks *(01 22 23 00-1431)*

Note: Includes driver, delivery to job site and pick-up when complete.

01 22 23 00-1433 Flat Bed Trucks *(01 22 23 00-1432)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1434	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,099.77	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-493.72*	
01 22 23 00-1435	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,786.35	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1436	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	19,321.26	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-79.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1437	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,229.31	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-534.20*	
01 22 23 00-1438	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	5,118.31	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1439	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	20,171.40	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-113.35*	
01 22 23 00-1440	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,322.26	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-563.24*	
01 22 23 00-1441	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	5,473.58	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1442	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	21,523.51	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-167.44*	

01 22 23 00-1443 Light Off-Road Utility Passenger Vehicles *(01 22 23 00-1432)*

01 22 23 00-1444	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	309.84	
		For Half Day Usage, Deduct	*-96.83*	
01 22 23 00-1445	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	716.50	
01 22 23 00-1446	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	1,549.20	
		For >6 Months (>26 Weeks), Deduct	*-61.97*	
01 22 23 00-1447	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	319.52	
		For Half Day Usage, Deduct	*-99.85*	
01 22 23 00-1448	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	745.55	
01 22 23 00-1449	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	1,646.02	
		For >6 Months (>26 Weeks), Deduct	*-65.84*	

01 22 23 00-1450 Light And Heavy Duty Trucks *(01 22 23 00-1432)*

01 22 23 00-1451	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	1,101.12	
		For Equipment Without Operator, Deduct	*-795.65*	
		For Half Day Usage, Deduct	*-493.28*	
01 22 23 00-1452	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	4,980.56	
		For Equipment Without Operator, Deduct	*-3,978.23*	
01 22 23 00-1453	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	19,339.11	
		For Equipment Without Operator, Deduct	*-17,238.99*	
		For >6 Months (>26 Weeks), Deduct	*-84.00*	
01 22 23 00-1454	DAY	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	1,158.40	
		For Equipment Without Operator, Deduct	*-795.65*	
		For Half Day Usage, Deduct	*-511.18*	
01 22 23 00-1455	WK	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	5,152.39	
		For Equipment Without Operator, Deduct	*-3,978.23*	
01 22 23 00-1456	MO	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	19,720.95	
		For Equipment Without Operator, Deduct	*-17,238.99*	
		For >6 Months (>26 Weeks), Deduct	*-99.28*	

01 22 23 00-1457 Boom Trucks *(01 22 23 00-1432)*

01 22 23 00-1458	DAY	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	1,358.05	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-574.43*	
01 22 23 00-1459	WK	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	5,453.50	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1460	MO	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	21,021.53	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-147.36*	

01 22 23 00-1461 Rear Dump Trucks *(01 22 23 00-1432)*

01 22 23 00-1462	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	1,190.78	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-522.16*	
01 22 23 00-1463	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	5,032.62	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1464	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	20,496.20	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-126.34*	
01 22 23 00-1465	DAY	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	1,320.26	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-562.62*	
01 22 23 00-1466	WK	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	5,433.81	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1467	MO	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	21,052.34	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-148.59*	
01 22 23 00-1468	DAY	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	1,394.56	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-585.84*	
01 22 23 00-1469	WK	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	5,593.01	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1470	MO	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	21,158.48	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-152.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1471	DAY	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	2,275.48	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-861.13*	
01 22 23 00-1472	WK	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	7,407.92	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1473	MO	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	26,252.96	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-356.61*	
01 22 23 00-1474	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,423.00	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-907.23*	
01 22 23 00-1475	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	7,748.62	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1476	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	27,144.49	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-392.27*	

01 22 23 00-1477 Under-Bridge Inspection Trucks *(01 22 23 00-1432)*

01 22 23 00-1478	DAY	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	4,747.92	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,633.76*	
01 22 23 00-1479	WK	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	21,605.67	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1480	MO	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	79,743.26	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-2,496.23*	
01 22 23 00-1481	DAY	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	5,281.39	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,800.47*	
01 22 23 00-1482	WK	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	22,672.61	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1483	MO	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	83,769.43	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-2,657.27*	
01 22 23 00-1484	DAY	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	5,601.48	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,900.50*	
01 22 23 00-1485	WK	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	24,273.04	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1486	MO	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	87,795.61	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-2,818.32*	
01 22 23 00-1487	DAY	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	6,988.51	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-2,333.95*	
01 22 23 00-1488	WK	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	30,674.74	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1489	MO	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	107,926.45	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-3,623.55*	

01 22 23 00-1490 Vacuum Trucks *(01 22 23 00-1432)*

01 22 23 00-1491	DAY	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,163.93	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-513.77*	
01 22 23 00-1492	WK	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	5,085.05	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1493	MO	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	20,539.89	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-128.09*	
01 22 23 00-1494	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,264.86	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-857.81*	
01 22 23 00-1495	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	8,411.96	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1496	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	30,354.02	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-520.66*	

01 22 23 00-1497 Water Trucks *(01 22 23 00-1432)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1215 for additional discharge hose, 01 22 23 00-1536 for water trailer.

01 22 23 00-1498	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,442.08	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For Half Day Usage, Deduct	*-600.69*	
01 22 23 00-1499	WK	2,000 Gallon Water Truck With Full-Time Driver	5,691.27	
		For Equipment Without Operator, Deduct	*-4,000.99*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
01 22 23 00-1500	MO	2,000 Gallon Water Truck With Full-Time Driver	21,331.54	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For >6 Months (>26 Weeks), Deduct	*-159.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1501	DAY	2,500 To 3,000 Gallon Water Truck With Full-Time Truck Driver	1,556.19	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For Half Day Usage, Deduct	*-636.35*	
01 22 23 00-1502	WK	2,500 To 3,000 Gallon Water Truck With Full-Time Truck Driver	6,482.93	
		For Equipment Without Operator, Deduct	*-4,000.99*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
01 22 23 00-1503	MO	2,500 To 3,000 Gallon Water Truck With Full-Time Truck Driver	23,521.06	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For >6 Months (>26 Weeks), Deduct	*-247.34*	
01 22 23 00-1504	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	1,755.89	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For Half Day Usage, Deduct	*-698.75*	
01 22 23 00-1505	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	6,632.70	
		For Equipment Without Operator, Deduct	*-4,000.99*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
01 22 23 00-1506	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	23,756.42	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For >6 Months (>26 Weeks), Deduct	*-256.75*	

01 22 23 00-1507 Asphalt Distribution Trucks *(01 22 23 00-1432)*

01 22 23 00-1508	DAY	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	2,187.94	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-833.77*	
01 22 23 00-1509	WK	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	8,146.40	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1510	MO	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	29,592.48	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-490.19*	

01 22 23 00-1511 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1432)*

01 22 23 00-1512	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,541.06	
		For Equipment Without Operator, Deduct	*-795.65*	
		For Half Day Usage, Deduct	*-630.77*	
01 22 23 00-1513	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	6,178.15	
		For Equipment Without Operator, Deduct	*-3,978.23*	
01 22 23 00-1514	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	22,581.42	
		For Equipment Without Operator, Deduct	*-17,238.99*	
		For >6 Months (>26 Weeks), Deduct	*-213.70*	

01 22 23 00-1515 Combination Jet/Vacuum Trucks *(01 22 23 00-1432)*

01 22 23 00-1516	DAY	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,343.81	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,194.98*	
01 22 23 00-1517	WK	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	15,908.15	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1518	DAY	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,787.66	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,333.68*	
01 22 23 00-1519	WK	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	18,490.17	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1520	DAY	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	4,214.44	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,467.05*	
01 22 23 00-1521	WK	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	21,072.19	
		For Equipment Without Operator, Deduct	*-4,000.99*	

01 22 23 00-1522 Vacuum Sweeper Trucks For Bridge Decks *(01 22 23 00-1432)*

01 22 23 00-1523	DAY	Vacuum Sweeper Truck, With Full-Time Truck Driver	2,264.86	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-857.81*	
01 22 23 00-1524	WK	Vacuum Sweeper Truck, With Full-Time Truck Driver	8,411.96	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1525	MO	Vacuum Sweeper Truck, With Full-Time Truck Driver	30,354.02	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-520.66*	

01 22 23 00-1526 Straight/Box Trucks *(01 22 23 00-1432)*

01 22 23 00-1527	DAY	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	928.12	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-440.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1528	WK	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	4,640.61	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1529	MO	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	19,225.72	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-75.52*	
01 22 23 00-1530		**Truck Mounted Accessories** *(01 22 23 00-1431)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1531		**Truck Mounted Arrow Boards** *(01 22 23 00-1530)*		
01 22 23 00-1532	DAY	Truck Mounted Arrow Board	55.92	
		For Half Day Usage, Deduct	*-17.48*	
01 22 23 00-1533	WK	Truck Mounted Arrow Board	222.39	
01 22 23 00-1534	MO	Truck Mounted Arrow Board	792.98	
		For >6 Months (>26 Weeks), Deduct	*-31.72*	
01 22 23 00-1535		**Trailers** *(01 22 23 00-1431)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1536		**Water Trailers With Pump** *(01 22 23 00-1535)*		
01 22 23 00-1537	DAY	500 To 600 Gallon Water Trailer With Pump	164.04	
		For Half Day Usage, Deduct	*-51.26*	
01 22 23 00-1538	WK	500 To 600 Gallon Water Trailer With Pump	420.79	
01 22 23 00-1539	MO	500 To 600 Gallon Water Trailer With Pump	1,126.86	
		For >6 Months (>26 Weeks), Deduct	*-45.07*	
01 22 23 00-1540		**Refrigerated Trailers** *(01 22 23 00-1535)* Note: Excludes electrical supply and connection		
01 22 23 00-1541	MO	8' x 40' Refrigerated Container Trailer Note: Requires 460 volt, 3 phase electrcial power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.	2,160.36	
01 22 23 00-1542		**Manual Powered, Full, Rear Dump Trailer** *(01 22 23 00-1535)*		
01 22 23 00-1543	DAY	10 CY, Manual Powered, Full, Rear Dump Trailer	231.22	
		For Half Day Usage, Deduct	*-72.26*	
01 22 23 00-1544	WK	10 CY, Manual Powered, Full, Rear Dump Trailer	923.13	
01 22 23 00-1545	MO	10 CY, Manual Powered, Full, Rear Dump Trailer	3,306.73	
		For >6 Months (>26 Weeks), Deduct	*-132.27*	
01 22 23 00-1546	DAY	13 CY, Manual Powered, Full, Rear Dump Trailer	265.70	
		For Half Day Usage, Deduct	*-83.03*	
01 22 23 00-1547	WK	13 CY, Manual Powered, Full, Rear Dump Trailer	1,062.81	
01 22 23 00-1548	MO	13 CY, Manual Powered, Full, Rear Dump Trailer	3,792.82	
		For >6 Months (>26 Weeks), Deduct	*-151.71*	
01 22 23 00-1549	DAY	16 CY, Manual Powered, Full, Rear Dump Trailer	297.80	
		For Half Day Usage, Deduct	*-93.06*	
01 22 23 00-1550	WK	16 CY, Manual Powered, Full, Rear Dump Trailer	1,182.27	
01 22 23 00-1551	MO	16 CY, Manual Powered, Full, Rear Dump Trailer	4,208.02	
		For >6 Months (>26 Weeks), Deduct	*-168.32*	
01 22 23 00-1552		**Hydraulic Lift, Rear Dump Trailers** *(01 22 23 00-1535)*		
01 22 23 00-1553	DAY	30 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	266.02	
		For Half Day Usage, Deduct	*-83.13*	
01 22 23 00-1554	WK	30 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	1,151.82	
01 22 23 00-1555	MO	30 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	4,313.08	
01 22 23 00-1556	DAY	40 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	329.14	
		For Half Day Usage, Deduct	*-102.86*	
01 22 23 00-1557	WK	40 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	1,431.75	
01 22 23 00-1558	DAY	40 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	5,343.65	
		For Half Day Usage, Deduct	*-1,669.89*	
01 22 23 00-1559	DAY	60 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	430.42	
		For Half Day Usage, Deduct	*-134.51*	
01 22 23 00-1560	WK	60 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	1,857.89	
01 22 23 00-1561	MO	60 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	6,941.22	
01 22 23 00-1562	DAY	80 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	454.66	
		For Half Day Usage, Deduct	*-142.08*	
01 22 23 00-1563	WK	80 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	1,952.38	
01 22 23 00-1564	MO	80 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	7,265.72	
01 22 23 00-1565	DAY	100 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	466.43	
		For Half Day Usage, Deduct	*-145.76*	
01 22 23 00-1566	WK	100 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	2,002.31	
01 22 23 00-1567	MO	100 Ton Capacity, 18'-20' Deck Length, Hydraulic, Rear Dump Trailer	7,474.34	
01 22 23 00-1568		**Trailer Mounted Equipment** *(01 22 23 00-1431)*		
01 22 23 00-1569		**Trailer Mounted Under-Bridge Aerial Access Platform** *(01 22 23 00-1568)* Note: Includes full-time operator. Excludes truck.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1570	DAY	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	3,011.70	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,091.19*	
01 22 23 00-1571	WK	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	10,635.48	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1572	MO	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	35,766.76	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-737.17*	
01 22 23 00-1573	DAY	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	3,232.85	
		For Equipment Without Operator, Deduct	*-800.20*	
		For Half Day Usage, Deduct	*-1,160.30*	
01 22 23 00-1574	WK	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	11,298.93	
		For Equipment Without Operator, Deduct	*-4,000.99*	
01 22 23 00-1575	MO	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	37,609.67	
		For Equipment Without Operator, Deduct	*-17,337.62*	
		For >6 Months (>26 Weeks), Deduct	*-810.88*	

01 22 23 00-1576 Trailer Mounted Bridge Stripping Buggy *(01 22 23 00-1568)*

01 22 23 00-1577	DAY	Trailer Mounted Bridge Overhang Stripping Buggy	250.95	
		For Half Day Usage, Deduct	*-78.42*	
01 22 23 00-1578	WK	Trailer Mounted Bridge Overhang Stripping Buggy	752.87	
01 22 23 00-1579	MO	Trailer Mounted Bridge Overhang Stripping Buggy	2,091.22	
		For >6 Months (>26 Weeks), Deduct	*-83.65*	

01 22 23 00-1580 Portable Trailer Mounted, CCTV Camera Systems *(01 22 23 00-1568)*

Note: Includes trailer. Excludes truck.

01 22 23 00-1581	MO	Portable Trailer Mounted, Single Camera, CCTV Camera System	2,904.75	
		For >6 Months (>26 Weeks), Deduct	*-116.19*	
01 22 23 00-1582	MO	Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System	5,034.90	
		For >6 Months (>26 Weeks), Deduct	*-201.40*	

01 30 Administrative Requirements *(01)*

01 31 Project Management and Coordination *(01 30)*

01 31 33 Project Minimum Labor Costs *(01 31)*

01 31 33 00-0001 Minimum Charge For Labor *(01 31 33)*

Note: Use item exclusively for projects when the sum of line items is less than the minimum charge per occurrence. Item should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Item quantity is 1, unless approved by owner.

01 31 33 00-0002	EA	Minimum Charge For Brick Layer Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	918.50
01 31 33 00-0003	EA	Minimum Charge For Carpenter Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,035.59
01 31 33 00-0004	EA	Minimum Charge For Carpet, Linoleum Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	865.14
01 31 33 00-0005	EA	Minimum Charge For Cement Mason Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	839.29
01 31 33 00-0006	EA	Minimum Charge For Drywall Finisher Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	936.37
01 31 33 00-0007	EA	Minimum Charge For Drywall Installer Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	993.86
01 31 33 00-0008	EA	Minimum Charge For Electrician Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,062.42
01 31 33 00-0009	EA	Minimum Charge For Glazier Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,000.61
01 31 33 00-0010	EA	Minimum Charge For Insulator Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	947.33
01 31 33 00-0011	EA	Minimum Charge For Laborer Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	857.08
01 31 33 00-0012	EA	Minimum Charge For Landscape Maintenance Worker Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	982.08
01 31 33 00-0013	EA	Minimum Charge For Ornamental Metal Worker Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,056.66
01 31 33 00-0014	EA	Minimum Charge For Painter, Ordinary Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	741.06
01 31 33 00-0015	EA	Minimum Charge For Plasterer Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	949.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 31 33 00-0016	EA	Minimum Charge For Plumber Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,153.77	
01 31 33 00-0017	EA	Minimum Charge For Roofer, Tile/Slate Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,201.23	
01 31 33 00-0018	EA	Minimum Charge For Roofer, Composite Built-Up Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,230.50	
01 31 33 00-0019	EA	Minimum Charge For Sheet Metal Worker Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,150.26	
01 31 33 00-0020	EA	Minimum Charge For Sprinkler Installer Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	975.22	
01 31 33 00-0021	EA	Minimum Charge For Tile Layer (Floor) Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	892.98	

01 35 Special Procedures *(01 30)*

01 35 13 Special Project Procedures *(01 35)*

01 35 13 19 Special Project Procedures for Healthcare Facilities *(01 35 13)*

Note: For specification publishing. Review specifications for requirements.

01 35 13 19-0001	NTE	Special Project Procedures for Healthcare Facilities Note: For specification publishing. Review specifications for requirements.	0.00

01 35 29 Health, Safety, and Emergency Response Procedures *(01 35)*

See CSI section 02 90 00 00-0000 for disaster recovery task.

01 35 29 00-0001 Emergency Response *(01 35 29)*

See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0066 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0030 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.70
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.40

01 35 33 Infection Control Procedures *(01 35)*

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

01 35 33 00-0001 Infection Control Consumable Materials *(01 35 33)*

01 35 33 00-0002	EA	N95 Rated Masks	4.34
01 35 33 00-0003	Pair	Black Nitrite Disposable Gloves	0.21
01 35 33 00-0004	EA	Disposable Blue 3-Ply Face Masks	0.65
01 35 33 00-0005	WK	Portable Hand Washing Station With 2 x Weekly Service	284.45

01 35 33 00-0006 Infection Control Procedures *(01 35 33)*

Note: Contractors entering and working on job sites may be required to take precautions to prevent the spread of infectious diseases. Those precautions will reduce the amount of productive time during a normal workday. The recommended allowances in this section are intended to provide for the loss of productive time by increasing labor costs. The estimator should be aware that one, many or none of these precautions apply to the line items in an estimate. Job site requirements and sound judgement must be applied. Labor Cost implications are based upon: Temperature checks - Once per day; Donning / Doffing Masks and Gloves - Four times per day (2 times each); Washing hands (additional over normal) - Eight times per day; Informational meetings - Once per day; Maintaining social distance - Throughout the day; Disinfecting tools or equipment - Throughout the day

01 35 33 00-0007	NTE	Infection Control Procedures Note: For specification publishing. Review specifications for requirements.	0.00

01 35 33 00-0008 Infection Prevention Inspection Reports *(01 35 33)*

01 35 33 00-0009	HR	Infection Prevention Inspection Reports	105.00

01 40 Quality Requirements *(01)*

01 41 Regulatory Requirements *(01 40)*

01 41 26 Permit Requirements *(01 41)*

See CSI section 01 22 16 00-0001 for reimbursable fees.

01 42 References *(01 40)*

01 42 13 Abbreviations and Acronyms *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 13 00-0001	NTE	Abbreviations And Acronyms Note: For specification publishing. Review specifications for requirements.	0.00

01 42 16 Definitions *(01 42)*

Note: For specification publishing. Review specifications for requirements.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 42 16 00-0001	NTE	Definitions Note: For specification publishing. Review specifications for requirements.	0.00	

01 42 19 Reference Standards *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 19 00-0001	NTE	Reference Standards Note: For specification publishing. Review specifications for requirements.	0.00	

01 42 21 Construction Suppliers or Venor List *(01 42)*

Note: For specification publishing. Review specifications for requirements.

01 42 21 00-0001	NTE	Construction Suppliers or Venor List Note: For specification publishing. Review specifications for requirements.	0.00	

01 45 Quality Control *(01 40)*

Note: Refer to section specifications for testing included with other sections.

01 45 23 Testing and Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Soils/Aggregate Testing *(01 45 23)*

01 45 23 00-0002 Field Soils Tests *(01 45 23 00-0001)*

01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	353.86	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	502.26	
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	570.75	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	456.60	
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	684.90	
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,369.34	
01 45 23 00-0009	EA	Moisture Content, Field Soils Test	51.35	
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test	136.98	
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	342.33	
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	427.92	
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test	104.27	
01 45 23 00-0014	EA	Percolation Test, Field Soils Test	260.67	
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test	521.35	

01 45 23 00-0016 Aggregate Testing *(01 45 23 00-0001)*

01 45 23 00-0017	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	114.15	
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	205.47	
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	285.38	
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	169.44	
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	181.37	
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	162.61	
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	241.83	
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	228.30	
01 45 23 00-0025	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	228.30	
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	171.22	
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229	182.64	
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88	479.27	
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211	365.28	
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535	365.28	
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29	102.74	
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40	102.70	
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method	102.70	
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142	205.40	

01 45 23 00-0035 Permeability Tests *(01 45 23 00-0001)*

01 45 23 00-0036 In-Place Tests *(01 45 23 00-0035)*

01 45 23 00-0037	EA	Double Ring Infiltrometer Test, ASTM D3385	1,813.72	
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	85.58	

01 45 23 00-0039 Lab Tests *(01 45 23 00-0035)*

01 45 23 00-0040	EA	Falling Head Rigid Wall Consolidometer Technique CAE	846.40	
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100	846.40	
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	483.66	

01 45 23 00-0043 Insitu Tests *(01 45 23 00-0001)*

01 45 23 00-0044	EA	Standard Penetration With Split Spoon	28.93	
01 45 23 00-0045	EA	Split Spoon Tripod	54.00	
01 45 23 00-0046	EA	Thin Walled Tube/Shelby	154.29	
01 45 23 00-0047	VLF	Cone Penetrometer	11.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0048	EA	Pressuremeter Insitu Test	289.29	
01 45 23 00-0049	VLF	Dilatometer Insitu Test	5.79	
01 45 23 00-0050	EA	Permeability	192.86	
01 45 23 00-0051	VLF	Observation Well With SB	27.00	
01 45 23 00-0052	VLF	Observation Well Without SB	38.57	
01 45 23 00-0053	EA	Slope Indicator Casing	67.50	
01 45 23 00-0054		Concrete/Cement/Asphalt Testing *(01 45 23)*		
01 45 23 00-0055		Concrete Testing *(01 45 23 00-0054)*		
01 45 23 00-0056	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	26.11	
01 45 23 00-0057	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	72.55	
01 45 23 00-0058	EA	Concrete Cores Compression Test, ASTM C-42	148.40	
01 45 23 00-0059	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	216.88	
01 45 23 00-0060	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	79.90	
01 45 23 00-0061	EA	Concrete Mix Design Review	433.77	
01 45 23 00-0062	EA	Trial Concrete Batch Prepared In Laboratory	1,027.35	
01 45 23 00-0063	EA	Concrete Shrinkage, ASTM C-157 Modified	799.05	
01 45 23 00-0064	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	123.28	
01 45 23 00-0065	EA	Concrete Slump Test, ASTM C143	57.08	
01 45 23 00-0066	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	57.08	
01 45 23 00-0067		Cement Testing *(01 45 23 00-0054)*		
01 45 23 00-0068	EA	CCR Title 24, Cement Grab Sample Note: Includes sealing and storing 1 year.	57.08	
01 45 23 00-0069	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	91.32	
01 45 23 00-0070		Asphaltic Concrete Testing *(01 45 23 00-0054)*		
01 45 23 00-0071	EA	Hveem Asphaltic Concrete Stability Test, CA 366	114.15	
01 45 23 00-0072	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	296.79	
01 45 23 00-0073	EA	Stability Tests, Premixed, ASTM D1559	114.15	
01 45 23 00-0074	EA	Stability Tests, Lab. Mixed, ASTM D1559	296.79	
01 45 23 00-0075	EA	Swell Test, CA 305 Note: Includes compaction.	136.98	
01 45 23 00-0076	EA	% Asphalt Extraction Test, ASTM D-2172 B	342.45	
01 45 23 00-0077	EA	Gradation On Extracted Sample, ASTM D-5444	228.30	
01 45 23 00-0078	EA	Maximum Theoretical Unit Weight, ASTM C2041	217.65	
01 45 23 00-0079	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	45.66	
01 45 23 00-0080	EA	Asphalt Unit Weight On Core Test, CA 308C	45.66	
01 45 23 00-0081	HR	Nuclear Field Density Testing, 4 Hour Minimum	235.15	
01 45 23 00-0082	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	117.30	
01 45 23 00-0083	EA	Penetration, ASTM D5	164.90	
01 45 23 00-0084		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0085		Masonry Testing *(01 45 23 00-0084)*		
01 45 23 00-0086	EA	2" x 4" Cylinder Mortar Compression Test	75.34	
01 45 23 00-0087	EA	4" x 4" x 8" Grout Prisms Compression Test	75.34	
01 45 23 00-0088	EA	Masonry Cores Compression Test	148.40	
01 45 23 00-0089	EA	Composite Grouted Prism Compression Test	285.38	
01 45 23 00-0090		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0084)*		
01 45 23 00-0091	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	182.64	
01 45 23 00-0092	EA	Absorption Test, Moisture Content And Unit Weight	125.56	
01 45 23 00-0093	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	479.27	
01 45 23 00-0094	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	239.63	
01 45 23 00-0095		Metals Testing *(01 45 23)*		
01 45 23 00-0096		Tank Tightness Testing *(01 45 23 00-0095)*		
01 45 23 00-0097	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	8.47	
01 45 23 00-0098	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	7.26	
01 45 23 00-0099	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	2,179.57	
01 45 23 00-0100	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,663.07	
01 45 23 00-0101	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	3,391.53	
01 45 23 00-0102		Tank Line Tightness Testing *(01 45 23 00-0095)*		
01 45 23 00-0103	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	459.91	
01 45 23 00-0104	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	510.67	
01 45 23 00-0105	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	561.27	
01 45 23 00-0106		Other Testing *(01 45 23)*		
01 45 23 00-0107		Special Testing *(01 45 23 00-0106)*		
01 45 23 00-0108	EA	Asphalt Roofing Cutout Samples, To Determine Unit Weight	171.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0109	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	1,027.00	
01 45 23 00-0110	EA	Total Coliform Bacteria And E. Coli Bacteria Test	53.35	
01 45 23 00-0111	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	221.30	
01 45 23 00-0112	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	221.30	
01 45 23 00-0113	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	221.30	
01 45 23 00-0114	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,217.15	
01 45 23 00-0115	EA	Testing And Certification Of Backflow Valves	561.37	
01 45 23 00-0116		**Non-destructive Field Testing Services** *(01 45 23 00-0106)*		
01 45 23 00-0117		**Infrared Thermography** *(01 45 23 00-0116)*		
		Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0118		**Roof Investigation And Moisture Survey Using Infrared Thermography** *(01 45 23 00-0117)*		
		Note: For on the roof surveys.		
01 45 23 00-0119	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	3,983.40	
01 45 23 00-0120	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.64	
		For CADD Drawings, Add	*1.33*	
01 45 23 00-0121	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.43	
		For CADD Drawings, Add	*0.89*	
01 45 23 00-0122	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.32	
		For CADD Drawings, Add	*0.66*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.83*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.83*	
01 45 23 00-0123	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.21	
		For CADD Drawings, Add	*0.44*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.55*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.55*	
01 45 23 00-0124		**Building Moisture Investigation Using Infrared Thermography** *(01 45 23 00-0117)*		
		Note: For finding moisture in walls and windows.		
01 45 23 00-0125	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	2,102.35	
01 45 23 00-0126	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.64	
		For Digital Or Analog Recording Of All Items, Add	*3.32*	
01 45 23 00-0127	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	4.43	
		For Digital Or Analog Recording Of All Items, Add	*2.22*	
01 45 23 00-0128	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.21	
		For Digital Or Analog Recording Of All Items, Add	*1.11*	
01 45 23 00-0129		**General Building Investigation Using Infrared Thermography** *(01 45 23 00-0117)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0130	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	4,315.35	
01 45 23 00-0131	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.64	
		For Digital Or Analog Recording Of All Items, Add	*3.32*	
01 45 23 00-0132	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	4.43	
		For Digital Or Analog Recording Of All Items, Add	*2.22*	
01 45 23 00-0133	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	2.21	
		For Digital Or Analog Recording Of All Items, Add	*1.11*	
01 45 23 00-0134		**Electrical /Mechanical Equipment Scanning Using Infrared Thermography** *(01 45 23 00-0117)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0135	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	2,102.35	
01 45 23 00-0136	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	204.62	
		For Digital Or Analog Recording Of All Items, Add	*30.59*	
01 45 23 00-0137		**Concrete Block Wall Investigation Using Infrared Thermography** *(01 45 23 00-0117)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0138	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	2,102.35	
01 45 23 00-0139	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	6.64	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0140	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.43	
		For Digital Or Analog Recording Of All Items, Add	*0.66*	
01 45 23 00-0141		**Other Non-destructive Field Testing Services** *(01 45 23 00-0116)*		
01 45 23 00-0142	HR	ASNT Certified Level I NDT Consultant	71.92	
01 45 23 00-0143	HR	ASNT Certified Level II NDT Consultant	77.95	
01 45 23 00-0144	HR	ASNT Certified Level III NDT Consultant	93.90	
01 45 23 00-0145	HR	Certified Industrial Radiography Radiation Safety Personnel	103.85	
01 45 23 00-0146		**Concrete Slab Moisture Testing** *(01 45 23 00-0106)*		
01 45 23 00-0147	EA	Concrete Slab, Moisture Emission Determination For Floor Covering On Existing Concrete	162.73	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 45 29 Testing Laboratory Services *(01 45)*

Note: For application to existing materials/site conditions or additional testing over specifications stated tests.

01 45 29 00-0001 Soil Borings Laboratory Tests *(01 45 29)*

01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	157.19
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	50.15
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	120.92
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	846.40
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	132.70
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	36.27
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	22.53
01 45 29 00-0009	EA	Moisture-Density Determination, Standard, ASTM D698, Soil Borings Laboratory Test	181.91
01 45 29 00-0010	EA	Moisture-Density Determination, Modified, ASTM D1557, Soil Borings Laboratory Test	181.91
01 45 29 00-0011	EA	Moisture-Density Determination, One Point Test, Soil Borings Laboratory Test	101.06
01 45 29 00-0012	EA	Hydrometer Analysis, Soil Borings Laboratory Test	290.95
01 45 29 00-0013	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	101.43
01 45 29 00-0014	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	20.06
01 45 29 00-0015	EA	Laboratory Permeability, Soil Borings Laboratory Test	1,002.97
01 45 29 00-0016	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	202.87
01 45 29 00-0017	EA	Sulfate Soundness, Soil Borings Laboratory Test	250.74
01 45 29 00-0018	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	464.14
01 45 29 00-0019	EA	Soil Bearing Ratio, ASTM D1883	513.68
01 45 29 00-0020	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	150.45
01 45 29 00-0021	EA	Compaction Test Base Course, Soil Borings Laboratory Test	167.16
01 45 29 00-0022	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	358.78
01 45 29 00-0023	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	76.89
01 45 29 00-0024	EA	Direct Shear Per Point, ASTM D3080, Soil Borings Laboratory Test	303.18
01 45 29 00-0025	EA	Unconfined Compression, ASTM D2166 And D2938, Soil Borings Laboratory Test	101.06
01 45 29 00-0026	EA	Triaxial Shear, Per Point, ASTM D2850, Unconsolidated-Undrained, Soil Borings Laboratory Test	404.24
01 45 29 00-0027	EA	Triaxial Shear, Per Point, ASTM D2850, Consolidated-Undrained, Soil Borings Laboratory Test	757.96
01 45 29 00-0028	EA	Triaxial Shear, Per Point, ASTM D2850, Consolidated-Drained, Soil Borings Laboratory Test	909.55
01 45 29 00-0029	EA	Permeability, ASTM D2434, Soil Borings Laboratory Test	454.77
01 45 29 00-0030	EA	Permeability, ASTM D2434, Undisturbed/Remolded, Soil Borings Laboratory Test	505.30
01 45 29 00-0031	EA	One-Dimension Consolidation/Swell, ASTM D2435 And D4186, 4 KSF Load, Soil Borings Laboratory Test	404.24
01 45 29 00-0032	EA	One-Dimension Consolidation/Swell, ASTM D2435 And D4186, 8 KSF Load, Soil Borings Laboratory Test	151.59
01 45 29 00-0033	EA	One-Dimension Consolidation/Swell, ASTM D2435 And D4186, 16 KSF Load, Soil Borings Laboratory Test	151.59
01 45 29 00-0034	EA	One-Dimension Consolidation/Swell, ASTM D2435 And D4186, 32 KSF Load, Soil Borings Laboratory Test	151.59
01 45 29 00-0035	EA	Classification Of Soil, ASTM D2487, Soil Borings Laboratory Test	121.27

01 50 Temporary Facilities and Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Temporary Power Pole Rentals *(01 51 13)*

Note: Includes installation in ground and removal after use.

01 51 13 00-0002	MON	17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service	93.66
01 51 13 00-0003	MON	17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service	112.39
01 51 13 00-0004	EA	Power Installation For 100 Amperes Service Note: One time fee	936.55
01 51 13 00-0005	EA	Power Installation For 200 Amperes Service Note: One time fee	1,123.86

01 51 13 00-0006 Temporary Service Switch And/or Building Feeder Switch *(01 51 13)*

Note: Includes all connections and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,502.38
01 51 13 00-0008	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,325.73
01 51 13 00-0009	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,284.28
01 51 13 00-0010	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	7,098.13

01 51 13 00-0011 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)*

Note: Includes mounting on wall and removal after use.

01 51 13 00-0012	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,579.90
01 51 13 00-0013	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,186.06
01 51 13 00-0014	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,425.76
01 51 13 00-0015	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	4,839.27

01 51 13 00-0016 Temporary Conduit And Cable For Temporary Disconnect (Safety) Switches And Temporary Panelboards *(01 51 13)*

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0017	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	12.18
01 51 13 00-0018	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	13.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001 Temporary Lighting Devices *(01 51 26)*

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light	274.75	
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	100.20	
01 51 26 00-0004	EA	Temporary High Bay Light	377.93	

01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required.

01 52 13 Field Offices and Sheds *(01 52)*

01 52 13 00-0001 Field Offices and Office Trailers *(01 52 13)*

Note: Includes toilet, central HVAC, interior doors and partitions. Excludes furniture, utility connections, or service. For Loss Damage Waiver or General Liability Insurance when requested use Reimbursable Fees. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	252.05	
		For Each Delivery And Removal, Two Round Trips, Add	*1,520.90*	
		For Each Set-up (Block And Level), Add	*883.01*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*873.83*	
		For Office Trailer Without Toilet, Deduct	*-50.41*	
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	285.65	
		For Each Delivery And Removal, Two Round Trips, Add	*1,520.90*	
		For Each Set-up (Block And Level), Add	*883.01*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*873.83*	
		For Office Trailer Without Toilet, Deduct	*-57.13*	
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	386.47	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
		For Office Trailer Without Toilet, Deduct	*-77.29*	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	411.68	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
		For Office Trailer Without Toilet, Deduct	*-82.34*	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	453.69	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	478.89	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	389.04	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
		For Each Delivery And Removal, Two Round Trips, Add	*781.88*	
		For Each Set-up (Block And Level), Add	*587.88*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	520.13	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	619.20	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	856.12	
		For Each Delivery And Removal, Two Round Trips, Add	*3,041.81*	
		For Each Set-up (Block And Level), Add	*1,383.31*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*1,310.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	1,344.25	
		For Each Delivery And Removal, Two Round Trips, Add	*4,562.70*	
		For Each Set-Up (Block And Level), Add	*2,486.50*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*2,621.49*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,613.09	
		For Each Delivery And Removal, Two Round Trips, Add	*4,562.70*	
		For Each Set-Up (Block And Level), Add	*2,486.50*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*2,621.49*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	843.31	
		For Each Delivery And Removal, Two Round Trips, Add	*4,562.70*	
		For Each Set-Up (Block And Level), Add	*2,486.50*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*245.48*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*340.90*	
		For Knockdown, Add	*2,621.49*	

01 52 13 00-0015 Accessories For Field Office Trailers *(01 52 13)*

Note: Costs includes installation or placement in trailer.

01 52 13 00-0016	MO	Desk For Field Office Trailer	41.23	
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer	25.77	
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer	30.92	
01 52 13 00-0019	MO	Table For Field Office Trailer	20.61	
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer	9.76	
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer	113.37	
01 52 13 00-0022	MO	Local Hardwired Phone or Data Service Per Phone Line For Field Office Trailer	82.45	
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer	129.90	
01 52 13 00-0024	LF	Perimeter Trailer Vinyl Skirting For Field Office Trailer	16.35	
01 52 13 00-0025	LF	Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer	38.73	
01 52 13 00-0026	MO	Fax Machine For Field Office Trailer	44.17	
01 52 13 00-0027	MO	Copier For Field Office Trailer	82.45	
01 52 13 00-0028	MO	Steps For Field Office Trailer	74.98	
01 52 13 00-0029	MO	Steps With Canopy For Field Office Trailer	126.11	

01 52 13 00-0030 Storage Containers *(01 52 13)*

01 52 13 00-0031	MO	8' x 8' x 10' Storage Container	140.03	
		For Each Delivery And Removal, Two Round Trips, Add	*116.51*	
		For >12 Months, Deduct	*-31.51*	
01 52 13 00-0032	MO	8' x 8' x 20' Storage Container	146.40	
		For Each Delivery And Removal, Two Round Trips, Add	*128.16*	
		For >12 Months, Deduct	*-32.94*	
01 52 13 00-0033	MO	8' x 8' x 40' Storage Container	173.13	
		For Each Delivery And Removal, Two Round Trips, Add	*258.11*	
		For >12 Months, Deduct	*-38.95*	

01 52 19 Sanitary Facilities *(01 52)*

01 52 19 00-0001 Portable Toilets *(01 52 19)*

Note: Includes servicing once per week (unless task states otherwise).

01 52 19 00-0002	WK	Portable Chemical Toilet	75.12	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0003	MO	Portable Chemical Toilet	225.37	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	89.60	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	262.94	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0006	WK	Two Station Portable Handwash	56.43	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0007	MO	Two Station Portable Handwash	171.18	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0008	WK	Four Station Portable Handwash	66.39	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0009	MO	Four Station Portable Handwash	201.38	
		For Each Delivery And Set-up, Add	*57.21*	
01 52 19 00-0010	MO	6 Station, Portable Toilets, Multi Trailer	6,253.92	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing.		
		For Each Delivery, Set-up And Removal, Two Round Trips, Add	*1,207.57*	
01 52 19 00-0011	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	2,105.24	
		For One Additional Service Per Week, Add	*701.74*	
		Note: For one less service per week, UOM to be negative one (-1)		
01 52 19 00-0012	MO	34' Length, ADA Restroom Trailer With 950 Gal Waste Tank	6,015.16	
		Note: Includes women's: 3 toilets, 2 sinks; men's: 1 toilet, 2 urinals, 2 sinks; ADA: 1 toilet, 1 sink. Requires 3/4" water source, and four 20 amperes/110 voltage dedicated circuits.		
		For Delivery, Setup, Removal, Add Once	*887.49*	
		For Weekly Service Of Toilet Trailer, Add Per Month	*900.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 53 Temporary Construction *(01 50)*

01 53 16 Temporary Decking *(01 53)*

01 53 16 00-0001 Temporary Walkways And Railings *(01 53 16)*
Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	8.05	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	33.69	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	15.42	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	26.60	

01 53 23 Temporary Ramps *(01 53)*

01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access *(01 53 23)*
Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.58	0.49

01 54 Construction Aids *(01 50)*

01 54 09 Personnel Protection Equipment *(01 54)*

01 54 09 00-0001 Personnel Protection Equipment *(01 54 09)*
Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responisbility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

01 54 09 00-0002	NTE	Personnel Protection Equipment	0.00
		Note: For specification publishing. Review specifications for requirements.	

01 54 23 Temporary Scaffolding and Platforms *(01 54)*

01 54 23 00-0001 Scaffolding *(01 54 23)*
Note: Additional scaffolding rental for work above the normal working height.

01 54 23 00-0002 Scaffolding Rental - Rental Only *(01 54 23 00-0001)*
Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories, Area Based On 5' Wide Sections, Per CCF / Month	44.13
		For Up To 25, Add	*17.65*
		For >25 To 50, Add	*11.03*
		For >50 To 150, Add	*4.41*
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories, Area Based On 4' Wide Sections, Per CCF / Month	49.62
		For Up To 25, Add	*19.85*
		For >25 To 50, Add	*12.41*
		For >50 To 150, Add	*4.96*
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories, Area Based On 3' Wide Sections, Per CCF / Month	66.19
		For Up To 25, Add	*26.48*
		For >25 To 50, Add	*16.55*
		For >50 To 150, Add	*6.62*

01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*
Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	48.12
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	63.10
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	84.21
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	92.62
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	106.66
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set-up On Stairs, Per CCF Of Scaffolding And Accessories	67.36

01 54 23 00-0013 Heavy-Duty Masonry Scaffolding Rental - Rental Only *(01 54 23 00-0001)*
Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0014	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories, Area Based On 4' Wide Sections, Per CCF / Month	70.43
01 54 23 00-0015	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories, Area Based On 2' Wide Sections, Per CCF / Month	129.12
01 54 23 00-0016	LF	Aluminum Joists, Per LF / Month	11.45
01 54 23 00-0017	LF	Aluminum Joists, Per LF / Month	16.42
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers, Per EA / Month	20.69

01 54 23 00-0019 Heavy-Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*
Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0020	CCF	Up To 20' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	89.82	
01 54 23 00-0021	CCF	>20' To 40' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	112.28	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	134.73	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	145.95	
01 54 23 00-0024	CCF	>80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	162.80	

01 54 23 00-0025 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	42.11	

01 54 23 00-0027 Mobile Mast Climbing Scaffolding *(01 54 23)*

Note: Per month.

01 54 23 00-0028 Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month *(01 54 23 00-0027)*

01 54 23 00-0029	MO	Single Mast Climber, 175' High Mast x 35' Wide Platform	3,300.00	
01 54 23 00-0030	EA	Delivery/Pick-up Fee For Single Mast Climber Note: Excludes erection or dismantle.	2,400.00	
01 54 23 00-0031	EA	Erection For Single Mast Climber	3,000.00	
01 54 23 00-0032	EA	Dismantle For Single Mast Climber	2,500.00	
01 54 23 00-0033	SF	Additional Scaffolding Planks, Wood, 2"	0.96	

01 54 23 00-0034 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0035	DAY	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	14.28	
01 54 23 00-0036	WK	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	57.23	
01 54 23 00-0037	MO	>14' To 20' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	228.90	
01 54 23 00-0038	DAY	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	23.91	
01 54 23 00-0039	WK	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	95.76	
01 54 23 00-0040	MO	>20' To 40' Height, 5' Wide X 7' Long Section, Rolling Scaffolding, Complete With Wheels, Railings, etc.	383.07	
01 54 23 00-0041	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	130.90	
01 54 23 00-0042	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	163.63	

01 54 23 00-0043 Shoring Posts *(01 54 23)*

01 54 23 00-0044	DAY	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	2.15	
01 54 23 00-0045	WK	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	8.60	
01 54 23 00-0046	MO	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	25.81	
01 54 23 00-0047	DAY	Up To 7', 1" Diameter, Steel Cross Brace	2.01	
01 54 23 00-0048	WK	Up To 7', 1" Diameter, Steel Cross Brace	4.02	
01 54 23 00-0049	MO	Up To 7', 1" Diameter, Steel Cross Brace	8.04	
01 54 23 00-0050	DAY	>7' To 10', 1" Diameter, Steel Cross Brace	2.90	
01 54 23 00-0051	WK	>7' To 10', 1" Diameter, Steel Cross Brace	5.81	
01 54 23 00-0052	MO	>7' To 10', 1" Diameter, Steel Cross Brace	11.62	
01 54 23 00-0053	MO	2' Wide Shoring Frame With Adjustable Screw Jacks	12.59	
01 54 23 00-0054	MO	4' Wide Shoring Frame With Adjustable Screw Jacks	16.46	
01 54 23 00-0055	LF	1-5/8" Diameter, Steel Tube And Clamp Bracing (Per LF/Month)	7.75	
01 54 23 00-0056	LF	6-1/2" Deep, Aluminum Joist Shoring (Per LF/Month)	5.02	
01 54 23 00-0057	LF	7-1/4" Deep, Aluminum Stringer Shoring (Per LF/Month)	5.02	
01 54 23 00-0058	CCF	Shoring Posts And Frames Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	61.75	
01 54 23 00-0059	EA	Initial Erection And Final Dismantling For Each Shoring Post	10.48	
		For >20 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.67*	
		For >100, Deduct	*-5.76*	

01 54 23 00-0060 Temporary Lumber, Single Use *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0061	SF	5/16" CD Grade Plywood, Temporary Lumber	2.53	
01 54 23 00-0062	SF	1/2" CD Grade Plywood, Temporary Lumber	2.86	
01 54 23 00-0063	SF	5/8" CD Grade Plywood, Temporary Lumber	3.18	
01 54 23 00-0064	SF	3/4" CD Grade Plywood, Temporary Lumber	3.53	
01 54 23 00-0065	SF	1" CD Grade Plywood, Temporary Lumber	5.23	
01 54 23 00-0066	LF	2" x 4" Temporary Lumber	3.53	
01 54 23 00-0067	LF	2" x 6" Temporary Lumber	4.55	
01 54 23 00-0068	LF	2" x 8" Temporary Lumber	5.58	
01 54 23 00-0069	LF	2" x 10" Temporary Lumber	6.61	
01 54 23 00-0070	LF	2" x 12" Temporary Lumber	7.64	
01 54 23 00-0071	LF	3" x 8" Temporary Lumber	7.64	
01 54 23 00-0072	LF	3" x 10" Temporary Lumber	9.19	
01 54 23 00-0073	LF	3" x 12" Temporary Lumber	10.74	
01 54 23 00-0074	LF	4" x 4" Temporary Lumber	5.01	
01 54 23 00-0075	LF	4" x 6" Temporary Lumber	7.33	
01 54 23 00-0076	LF	6" x 6" Temporary Lumber	9.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0077	LF	6" x 8" Temporary Lumber	12.60	
01 54 23 00-0078	LF	12" x 12" Temporary Lumber	32.06	
01 54 23 00-0079		Temporary Precast Concrete Blocks *(01 54 23)* Note: Includes removal after use.		
01 54 23 00-0080	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	135.45	
01 54 23 00-0081	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	169.30	
01 54 23 00-0082	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	221.46	

01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

01 54 26 00-0001		Swing Stage *(01 54 26)* Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	3,095.78	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,250.57	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,405.36	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,560.15	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,714.94	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,869.73	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	4,024.52	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	892.71	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,115.89	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	5,579.62	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	7,753.84	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,933.89	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	4,086.49	

01 55 Vehicular Access and Parking *(01 50)*

01 55 23 Temporary Roads *(01 55)*

01 55 23 00-0001		Temporary Stabilized Construction Entrance *(01 55 23)* Note: As per Caltrans detail.		
01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.43	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.49	
01 55 23 00-0004		Rumble Trench Plate *(01 55 23)*		
01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	413.50	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	109.28	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	27.32	
01 55 23 00-0008		Temporary Road Ramps (Godwin) *(01 55 23)* Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	5,114.66	247.09
01 55 23 00-0010	EA	6" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	6,968.86	370.64
01 55 23 00-0011	EA	8" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	9,626.64	494.19
01 55 23 00-0012	EA	12" Diameter Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	19,918.23	617.73
01 55 23 00-0013	EA	24" Diameter Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	29,205.38	741.27

01 55 26 Traffic Control *(01 55)*

01 55 26 00-0001		Temporary Removable Preformed Traffic Black Line Mask *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	5.65	
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	6.77	
01 55 26 00-0004		Temporary Preformed Traffic Line Tape *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	5.71	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	7.73	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	9.63	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.52	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-1.80*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	3.33	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-2.43*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	4.19	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-3.11*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	12.11	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	15.74	
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.60	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.73	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	12.71	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	17.30	
01 55 26 00-0019	CLF	1" Exterior Vinyl Warning Tape	14.26	
01 55 26 00-0020	CLF	2" Exterior Vinyl Warning Tape	19.83	
01 55 26 00-0021	CLF	3" Exterior Vinyl Warning Tape	24.72	
01 55 26 00-0022	CLF	4" Exterior Vinyl Warning Tape	28.91	
01 55 26 00-0023		**Linear Delineation System, Temporary Or Permanent** *(01 55 26)*		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	11.95	
01 55 26 00-0025	LF	6" Linear Delineation System	16.09	
01 55 26 00-0026		**Temporary Traffic Protection** *(01 55 26)*		
01 55 26 00-0027		**Temporary Portable Traffic Control Device Usage** *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0154 for Initial delivery, placement and final removal of temporary traffic devices, 01 55 26 00-0170 for daily (or as needed) placement and removal of temporary traffice devices.		
01 55 26 00-0028	DAY	28" Cone With Reflective Collar	0.89	
01 55 26 00-0029	WK	28" Cone With Reflective Collar	2.66	
01 55 26 00-0030	MO	28" Cone With Reflective Collar	7.99	
01 55 26 00-0031	DAY	36" Traffic Cone With Reflective Collar	1.11	
01 55 26 00-0032	WK	36" Traffic Cone With Reflective Collar	3.33	
01 55 26 00-0033	MO	36" Traffic Cone With Reflective Collar	9.99	
01 55 26 00-0034	DAY	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	2.09	
01 55 26 00-0035	WK	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	6.27	
01 55 26 00-0036	MO	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	18.82	
01 55 26 00-0037	DAY	Vertical Panel	2.68	
01 55 26 00-0038	WK	Vertical Panel	8.04	
01 55 26 00-0039	MO	Vertical Panel	24.13	
01 55 26 00-0040	DAY	Channelizer Drum	2.91	
01 55 26 00-0041	WK	Channelizer Drum	8.73	
01 55 26 00-0042	MO	Channelizer Drum	26.20	
01 55 26 00-0043	DAY	Stackable Channelizer Panel	1.38	
01 55 26 00-0044	WK	Stackable Channelizer Panel	4.13	
01 55 26 00-0045	MO	Stackable Channelizer Panel	12.39	
01 55 26 00-0046	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.91	
01 55 26 00-0047	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.72	
01 55 26 00-0048	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	17.16	
01 55 26 00-0049	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	4.23	
01 55 26 00-0050	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	12.68	
01 55 26 00-0051	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	38.03	
01 55 26 00-0052	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.82	
01 55 26 00-0053	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	14.45	
01 55 26 00-0054	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	43.34	
01 55 26 00-0055	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	8.81	
01 55 26 00-0056	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	26.43	
01 55 26 00-0057	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	79.28	
01 55 26 00-0058	DAY	Up To 10' Wide A Frame Barricade	4.83	
01 55 26 00-0059	WK	Up To 10' Wide A Frame Barricade	14.49	
01 55 26 00-0060	MO	Up To 10' Wide A Frame Barricade	43.48	
01 55 26 00-0061	DAY	Type A Or C Flasher	0.98	
01 55 26 00-0062	WK	Type A Or C Flasher	2.95	
01 55 26 00-0063	MO	Type A Or C Flasher	8.86	
01 55 26 00-0064	DAY	Type B High Intensity Flasher	5.34	
01 55 26 00-0065	WK	Type B High Intensity Flasher	16.02	
01 55 26 00-0066	MO	Type B High Intensity Flasher	48.07	
01 55 26 00-0067		**Temporary Traffic Barriers Usage** *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0154 for delivery, placing and removal.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0068	DAY	6' Long Portable Parking Curbs	2.30	
01 55 26 00-0069	WK	6' Long Portable Parking Curbs	6.90	
01 55 26 00-0070	MO	6' Long Portable Parking Curbs	20.71	
01 55 26 00-0071	DAY	6' Long Portable Speed Bumps	6.81	
01 55 26 00-0072	WK	6' Long Portable Speed Bumps	20.42	
01 55 26 00-0073	MO	6' Long Portable Speed Bumps	61.28	
01 55 26 00-0074	DAY	8' To 12.5' Concrete Traffic Barrier	16.36	
01 55 26 00-0075	WK	8' To 12.5' Concrete Traffic Barrier	49.07	
01 55 26 00-0076	MO	8' To 12.5' Concrete Traffic Barrier	147.21	
01 55 26 00-0077	DAY	>12.5' To 20' Concrete Traffic Barrier	32.71	
01 55 26 00-0078	WK	>12.5' To 20' Concrete Traffic Barrier	98.14	
01 55 26 00-0079	MO	>12.5' To 20' Concrete Traffic Barrier	294.42	
01 55 26 00-0080	DAY	6' x 32" Tall Plastic Water Barrier	19.53	
01 55 26 00-0081	WK	6' x 32" Tall Plastic Water Barrier	58.60	
01 55 26 00-0082	MO	6' x 32" Tall Plastic Water Barrier	175.80	
01 55 26 00-0083	DAY	6' x 46" Tall Plastic Water Barrier	27.89	
01 55 26 00-0084	WK	6' x 46" Tall Plastic Water Barrier	83.67	
01 55 26 00-0085	MO	6' x 46" Tall Plastic Water Barrier	251.02	
01 55 26 00-0086	DAY	Sand Filled Crash Attenuator Barrels	10.92	
01 55 26 00-0087	WK	Sand Filled Crash Attenuator Barrels	32.75	
01 55 26 00-0088	MO	Sand Filled Crash Attenuator Barrels	98.25	
01 55 26 00-0089	MO	Rolling Straight Concrete Barrier, Per Each Barrier Per Month	3,627.45	
01 55 26 00-0090	MO	Rolling Absorbing Concrete Barrier, Per Each Barrier Per Month	1,450.98	
01 55 26 00-0091	MO	Rolling Transition Concrete Barrier, Per Each Barrier Per Month	386.93	
01 55 26 00-0092	EA	2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	6,654.14	
01 55 26 00-0093	MO	2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide Note: Rental rate after 1st two months.	640.17	
01 55 26 00-0094	EA	5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	7,954.02	
01 55 26 00-0095	MO	5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide Note: Rental rate after 1st two months.	960.26	
01 55 26 00-0096	EA	8 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (71 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	9,680.67	
01 55 26 00-0097	MO	8 Bay, Non-Gating, Redirective Crash Cushion System, 71 MPH, 24" Wide Note: Rental rate after 1st two months.	1,173.64	
01 55 26 00-0098	MO	24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system.	1,549.20	

01 55 26 00-0099 Temporary Portable Signs And Message Displays Usage *(01 55 26 00-0026)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0154 for delivery, placing and removal.

01 55 26 00-0100	DAY	Mesh Or Vinyl Roll-up Sign With Stand	8.57	
01 55 26 00-0101	WK	Mesh Or Vinyl Roll-up Sign With Stand	25.71	
01 55 26 00-0102	MO	Mesh Or Vinyl Roll-up Sign With Stand	77.14	
01 55 26 00-0103	DAY	18" x 18" Aluminum Construction Sign, With Portable Stand	3.33	
01 55 26 00-0104	WK	18" x 18" Aluminum Construction Sign, With Portable Stand	9.98	
01 55 26 00-0105	MO	18" x 18" Aluminum Construction Sign, With Portable Stand	29.95	
01 55 26 00-0106	DAY	30" x 24" Aluminum Construction Sign, With Portable Stand	4.58	
01 55 26 00-0107	WK	30" x 24" Aluminum Construction Sign, With Portable Stand	13.74	
01 55 26 00-0108	MO	30" x 24" Aluminum Construction Sign, With Portable Stand	41.21	
01 55 26 00-0109	DAY	30" x 30" Aluminum Construction Sign, With Portable Stand	4.07	
01 55 26 00-0110	WK	30" x 30" Aluminum Construction Sign, With Portable Stand	12.20	
01 55 26 00-0111	MO	30" x 30" Aluminum Construction Sign, With Portable Stand	36.59	
01 55 26 00-0112	DAY	48" x 18" Aluminum Construction Sign, With Portable Stand	5.00	
01 55 26 00-0113	WK	48" x 18" Aluminum Construction Sign, With Portable Stand	14.99	
01 55 26 00-0114	MO	48" x 18" Aluminum Construction Sign, With Portable Stand	44.98	
01 55 26 00-0115	DAY	48" x 24" Aluminum Construction Sign, With Portable Stand	5.84	
01 55 26 00-0116	WK	48" x 24" Aluminum Construction Sign, With Portable Stand	17.51	
01 55 26 00-0117	MO	48" x 24" Aluminum Construction Sign, With Portable Stand	52.53	
01 55 26 00-0118	DAY	48" x 30" Aluminum Construction Sign, With Portable Stand	6.68	
01 55 26 00-0119	WK	48" x 30" Aluminum Construction Sign, With Portable Stand	20.03	
01 55 26 00-0120	MO	48" x 30" Aluminum Construction Sign, With Portable Stand	60.08	
01 55 26 00-0121	DAY	48" x 36" Aluminum Construction Sign, With Portable Stand	7.52	
01 55 26 00-0122	WK	48" x 36" Aluminum Construction Sign, With Portable Stand	22.55	
01 55 26 00-0123	MO	48" x 36" Aluminum Construction Sign, With Portable Stand	67.64	
01 55 26 00-0124	DAY	48" x 48" Aluminum Construction Sign, With Portable Stand	9.19	
01 55 26 00-0125	WK	48" x 48" Aluminum Construction Sign, With Portable Stand	27.58	
01 55 26 00-0126	MO	48" x 48" Aluminum Construction Sign, With Portable Stand	82.74	
01 55 26 00-0127	DAY	60" x 24" Aluminum Construction Sign, With Portable Stand	9.16	
01 55 26 00-0128	WK	60" x 24" Aluminum Construction Sign, With Portable Stand	27.47	
01 55 26 00-0129	MO	60" x 24" Aluminum Construction Sign, With Portable Stand	82.41	
01 55 26 00-0130	DAY	60" x 30" Aluminum Construction Sign, With Portable Stand	10.21	
01 55 26 00-0131	WK	60" x 30" Aluminum Construction Sign, With Portable Stand	30.62	
01 55 26 00-0132	MO	60" x 30" Aluminum Construction Sign, With Portable Stand	91.85	
01 55 26 00-0133	DAY	60" x 36" Aluminum Construction Sign, With Portable Stand	11.25	
01 55 26 00-0134	WK	60" x 36" Aluminum Construction Sign, With Portable Stand	33.76	
01 55 26 00-0135	MO	60" x 36" Aluminum Construction Sign, With Portable Stand	101.29	
01 55 26 00-0136	DAY	Aluminum Sign And Post	4.76	
01 55 26 00-0137	WK	Aluminum Sign And Post	14.28	
01 55 26 00-0138	MO	Aluminum Sign And Post	42.84	
01 55 26 00-0139	DAY	4' x 8' Construction Identification Sign, No. 2 Or 3	18.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0140	WK	4' x 8' Construction Identification Sign, No. 2 Or 3	55.16	
01 55 26 00-0141	MO	4' x 8' Construction Identification Sign, No. 2 Or 3	165.48	
01 55 26 00-0142	DAY	12' x 6' Interstate Construction Identification Sign, No. 1	35.17	
01 55 26 00-0143	WK	12' x 6' Interstate Construction Identification Sign, No. 1	105.50	
01 55 26 00-0144	MO	12' x 6' Interstate Construction Identification Sign, No. 1	316.50	
01 55 26 00-0145	DAY	Trailer Mounted Flashing Arrow Board	171.00	
01 55 26 00-0146	WK	Trailer Mounted Flashing Arrow Board	473.29	
01 55 26 00-0147	MO	Trailer Mounted Flashing Arrow Board	1,251.94	
01 55 26 00-0148	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	330.66	
01 55 26 00-0149	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	881.76	
01 55 26 00-0150	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,763.52	
01 55 26 00-0151	DAY	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,457.96	
01 55 26 00-0152	WK	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	4,373.88	
01 55 26 00-0153	MO	Two Head, Trailer Mounted Traffic Signal System, Per Set Of Two Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	13,121.64	

01 55 26 00-0154 Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Protection Using Truck *(01 55 26 00-0026)*

Note: Includes delivery and return up to 15 miles. See CSI section 01 55 26 00-0170 for daily (or as needed) placement and removal of temporary traffice devices, 01 74 19 00-0041 for delivery >15 miles.

01 55 26 00-0155	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Cones Using Truck	4.32	
01 55 26 00-0156	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Cones Using Truck	3.78	
01 55 26 00-0157	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Panels/Channelizers Using Truck	7.14	
01 55 26 00-0158	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Panels/Channelizers Using Truck	5.94	
01 55 26 00-0159	EA	Initial Delivery, Placement And Final Removal From Site Of Up To 250 Temporary Traffic Barricades Using Truck	10.81	
01 55 26 00-0160	EA	Initial Delivery, Placement And Final Removal From Site Of >250 Temporary Traffic Barricades Using Truck	8.65	
01 55 26 00-0161	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Curbs/Speed Bumps Using Truck	10.81	
01 55 26 00-0162	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Portable Sign And Stand Using Truck	6.49	
01 55 26 00-0163	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Aluminum Sign And Post Using Truck	27.02	
01 55 26 00-0164	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Trailer Mounted Boards And Signals Using Truck	81.06	
01 55 26 00-0165	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary 8' To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	109.28	
		For 1 Barrier, Add	*273.20*	
		For 2 Barriers, Add	*98.35*	
		For 3 Barriers, Add	*32.78*	
01 55 26 00-0166	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary >12.5' To 20' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	163.92	
		For 1 Barrier, Add	*409.80*	
		For 2 Barriers, Add	*147.53*	
		For 3 Barriers, Add	*49.18*	
01 55 26 00-0167	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Plastic Water Barrier Note: Includes additional water as needed. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.	62.11	
		For 1 Barrier, Add	*136.60*	
		For 2 Barriers, Add	*49.18*	
		For 3 Barriers, Add	*16.39*	
01 55 26 00-0168	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	81.96	
		For 1 Barrier, Add	*204.90*	
		For 2 Barriers, Add	*73.76*	
		For 3 Barriers, Add	*24.59*	
01 55 26 00-0169	EA	Initial Delivery, Placement And Final Removal From Site Of Temporary Traffic 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructuions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	601.05	

01 55 26 00-0170 Placement And Remove Temporary Traffic Protection From Roadside Or Work Area (Daily Or As Required) *(01 55 26 00-0026)*

01 55 26 00-0171	EA	Placement And Removal Of Up To 250 Temporary Traffic Cones By Hand From Roadside Or Work Area	2.70	
01 55 26 00-0172	EA	Placement And Removal Of >250 Temporary Traffic Cones By Hand From Roadside Or Work Area	2.16	
01 55 26 00-0173	EA	Placement And Removal Of Up To 250 Temporary Traffic Panels/Channelizers By Hand From Roadside Or Work Area	3.60	
01 55 26 00-0174	EA	Placement And Removal Of >250 Temporary Traffic Panels/Channelizers By Hand From Roadside Or Work Area	2.87	
01 55 26 00-0175	EA	Placement And Removal Of Up To 250 Temporary Traffic Barricades By Hand From Roadside Or Work Area	5.40	
01 55 26 00-0176	EA	Placement And Removal Of >250 Temporary Traffic Barricades By Hand From Roadside Or Work Area	4.32	
01 55 26 00-0177	EA	Placement And Removal Of Temporary Traffic Portable Sign And Stand From Roadside Or Work Area	3.33	
01 55 26 00-0178	EA	Placement And Removal Of Temporary Traffic Trailer Mounted Boards And Signals From Roadside Or Work Area	40.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0179	EA	Relocation Of Temporary Traffic Concrete Traffic Barrier From Roadside Or Work Area Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	54.64	

01 55 26 00-0180 Place And Remove Temporary Signs For Detours *(01 55 26 00-0026)*

01 55 26 00-0181 Temporary Reflectorized Signs For Detours *(01 55 26 00-0180)*

Note: Excludes posts.

01 55 26 00-0182 Temporary Aluminum Engineer Grade Stop Signs For Detours *(01 55 26 00-0181)*

01 55 26 00-0183	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours	102.48	
		For Hi-Intensity Grade, Add	*9.53*	
		For Diamond Grade, Add	*18.10*	
01 55 26 00-0184	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours	116.18	
		For Hi-Intensity Grade, Add	*12.46*	
		For Diamond Grade, Add	*23.67*	
01 55 26 00-0185	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours	124.99	
		For Hi-Intensity Grade, Add	*19.03*	
		For Diamond Grade, Add	*30.17*	
01 55 26 00-0186	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours	141.95	
		For Hi-Intensity Grade, Add	*7.13*	
		For Diamond Grade, Add	*38.64*	
01 55 26 00-0187	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours	181.71	
		For Hi-Intensity Grade, Add	*20.96*	
		For Diamond Grade, Add	*65.73*	

01 55 26 00-0188 Other Temporary Reflectorized Traffic Signs For Detours *(01 55 26 00-0181)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

01 55 26 00-0189 Temporary Aluminum Engineer Grade Traffic Signs For Detours *(01 55 26 00-0188)*

01 55 26 00-0190	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours	70.74	
		For Hi-Intensity Grade, Add	*2.36*	
01 55 26 00-0191	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours	74.67	
		For Hi-Intensity Grade, Add	*3.54*	
01 55 26 00-0192	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours	74.67	
		For Hi-Intensity Grade, Add	*3.54*	
01 55 26 00-0193	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours	77.62	
		For Hi-Intensity Grade, Add	*4.43*	
01 55 26 00-0194	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours	80.57	
		For Hi-Intensity Grade, Add	*5.31*	
01 55 26 00-0195	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours	90.40	
		For Hi-Intensity Grade, Add	*7.08*	
01 55 26 00-0196	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours	114.00	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0197	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours	78.60	
		For Hi-Intensity Grade, Add	*4.72*	
01 55 26 00-0198	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours	90.40	
		For Hi-Intensity Grade, Add	*7.08*	
01 55 26 00-0199	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	98.26	
		For Hi-Intensity Grade, Add	*9.44*	
01 55 26 00-0200	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	106.13	
		For Hi-Intensity Grade, Add	*11.80*	
01 55 26 00-0201	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	114.00	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0202	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	102.20	
		For Hi-Intensity Grade, Add	*10.62*	
01 55 26 00-0203	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	114.00	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0204	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	129.73	
		For Hi-Intensity Grade, Add	*17.70*	
01 55 26 00-0205	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	141.53	
		For Hi-Intensity Grade, Add	*21.24*	
01 55 26 00-0206	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	192.64	
		For Hi-Intensity Grade, Add	*31.86*	
01 55 26 00-0207	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	133.66	
		For Hi-Intensity Grade, Add	*18.88*	
01 55 26 00-0208	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	149.39	
		For Hi-Intensity Grade, Add	*23.60*	
01 55 26 00-0209	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	165.12	
		For Hi-Intensity Grade, Add	*28.32*	
01 55 26 00-0210	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	196.58	
		For Hi-Intensity Grade, Add	*33.04*	
01 55 26 00-0211	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	212.31	
		For Hi-Intensity Grade, Add	*37.76*	
01 55 26 00-0212	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	228.04	
		For Hi-Intensity Grade, Add	*42.48*	
01 55 26 00-0213	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	169.06	
		For Hi-Intensity Grade, Add	*29.50*	
01 55 26 00-0214	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	204.44	
		For Hi-Intensity Grade, Add	*35.40*	
01 55 26 00-0215	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	224.11	
		For Hi-Intensity Grade, Add	*41.30*	
01 55 26 00-0216	EA	Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	259.48	
		For Hi-Intensity Grade, Add	*47.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0217	EA	Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	314.53	
		For Hi-Intensity Grade, Add	*59.00*	
01 55 26 00-0218	EA	Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	228.04	
		For Hi-Intensity Grade, Add	*42.48*	
01 55 26 00-0219	EA	Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	267.35	
		For Hi-Intensity Grade, Add	*49.56*	
01 55 26 00-0220	EA	Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	306.67	
		For Hi-Intensity Grade, Add	*56.64*	
01 55 26 00-0221	EA	Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	330.27	
		For Hi-Intensity Grade, Add	*63.72*	
01 55 26 00-0222	EA	Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	369.59	
		For Hi-Intensity Grade, Add	*70.80*	
01 55 26 00-0223	EA	Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	436.43	
		For Hi-Intensity Grade, Add	*86.14*	
01 55 26 00-0224	EA	Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	456.09	
		For Hi-Intensity Grade, Add	*92.03*	
01 55 26 00-0225	EA	Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	597.66	
		For Hi-Intensity Grade, Add	*127.43*	
01 55 26 00-0226	EA	Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	310.60	
		For Hi-Intensity Grade, Add	*57.82*	
01 55 26 00-0227	EA	Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	385.32	
		For Hi-Intensity Grade, Add	*75.52*	
01 55 26 00-0228	EA	Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	432.49	
		For Hi-Intensity Grade, Add	*84.95*	
01 55 26 00-0229	EA	Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	463.96	
		For Hi-Intensity Grade, Add	*94.40*	
01 55 26 00-0230	EA	Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	519.00	
		For Hi-Intensity Grade, Add	*103.83*	
01 55 26 00-0231	EA	Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	550.47	
		For Hi-Intensity Grade, Add	*113.27*	
01 55 26 00-0232	EA	Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	629.12	
		For Hi-Intensity Grade, Add	*132.15*	
01 55 26 00-0233	EA	Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	692.05	
		For Hi-Intensity Grade, Add	*151.03*	
01 55 26 00-0234	EA	Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	723.51	
		For Hi-Intensity Grade, Add	*160.47*	
01 55 26 00-0235	EA	Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	762.83	
		For Hi-Intensity Grade, Add	*169.91*	
01 55 26 00-0236	EA	Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	660.58	
		For Hi-Intensity Grade, Add	*141.59*	
01 55 26 00-0237	EA	Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	1,014.54	
		For Hi-Intensity Grade, Add	*245.42*	

01 55 26 00-0238 Temporary Overhead Sign Structures For Detours *(01 55 26 00-0180)*

Note: Including horizontal Z-bars.

01 55 26 00-0239	SF	From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours	22.50	
		For Over 10' High, Add	*13.00*	

01 55 26 00-0240 Temporary Sign Posts For Detours *(01 55 26 00-0180)*

Note: Excludes sign.

01 55 26 00-0241 Temporary U-Channel Sign Posts For Detours *(01 55 26 00-0240)*

Note: Excludes digging and concrete.

01 55 26 00-0242 Temporary Baked Enamel U-Channel Sign Posts For Detours *(01 55 26 00-0241)*

01 55 26 00-0243	EA	Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	91.23	
01 55 26 00-0244	EA	Temporary 6' Baked Enamel U-Channel Sign Post For Detours	118.27	
01 55 26 00-0245	EA	Temporary 7' Baked Enamel U-Channel Sign Post For Detours	141.39	
01 55 26 00-0246	EA	Temporary 8' Baked Enamel U-Channel Sign Post For Detours	165.41	
01 55 26 00-0247	EA	Temporary 10' Baked Enamel U-Channel Sign Post For Detours	199.90	
01 55 26 00-0248	EA	Temporary 12' Baked Enamel U-Channel Sign Post For Detours	212.26	

01 55 26 00-0249 Temporary Galvanized Steel U-Channel Sign Posts For Detours *(01 55 26 00-0241)*

01 55 26 00-0250	EA	Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	96.83	
01 55 26 00-0251	EA	Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	127.15	
01 55 26 00-0252	EA	Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	161.48	
01 55 26 00-0253	EA	Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	187.61	
01 55 26 00-0254	EA	Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	216.07	
01 55 26 00-0255	EA	Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	226.32	

01 55 26 00-0256 Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours *(01 55 26 00-0241)*

01 55 26 00-0257	EA	Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	89.91	
01 55 26 00-0258	EA	Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	115.40	
01 55 26 00-0259	EA	Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	137.93	
01 55 26 00-0260	EA	Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	161.28	
01 55 26 00-0261	EA	Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	192.41	
01 55 26 00-0262	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	207.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0263		Temporary Tubular Sign Posts For Detours *(01 55 26 00-0240)* Note: Excludes digging and concrete.		
01 55 26 00-0264		Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours *(01 55 26 00-0263)*		
01 55 26 00-0265	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	128.07	
01 55 26 00-0266	EA	Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	152.36	
01 55 26 00-0267	EA	Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	179.47	
01 55 26 00-0268	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	228.22	
01 55 26 00-0269	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	246.13	
01 55 26 00-0270		Temporary Square Sign Posts For Detours *(01 55 26 00-0240)* Note: Excludes digging and concrete.		
01 55 26 00-0271		Temporary Galvanized Steel Square Sign Posts For Detours *(01 55 26 00-0270)*		
01 55 26 00-0272	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	98.07	
01 55 26 00-0273	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	148.19	
01 55 26 00-0274	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	174.57	
01 55 26 00-0275	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	203.63	
01 55 26 00-0276	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	248.39	
01 55 26 00-0277	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	267.03	
01 55 26 00-0278		Temporary Breakaway Sign Posts And Bases For Detours *(01 55 26 00-0180)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0279		Temporary 2.5 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0278)*		
01 55 26 00-0280		Temporary Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0279)*		
01 55 26 00-0281	EA	Temporary Base Post for 2.5 Lb./LF, Breakaway Sign Post For Detours	115.15	
01 55 26 00-0282	EA	Temporary Lap Splice Hardware For 2.5 Lb./LF, Breakaway Sign Post For Detours	70.62	
01 55 26 00-0283		Temporary Breakaway Sign Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0279)*		
01 55 26 00-0284	LF	Temporary Breakaway Sign Post, 2.5 Lb./LF For Detours	12.96	
01 55 26 00-0285		Temporary 4 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0278)*		
01 55 26 00-0286		Temporary Base Posts, 4 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0285)*		
01 55 26 00-0287	EA	Temporary Base Post for 4 Lb./LF, Breakaway Sign Post For Detours	118.63	
01 55 26 00-0288	EA	Temporary Lap Splice Hardware for 4 Lb./LF, Breakaway Sign Post For Detours	70.62	
01 55 26 00-0289		Temporary Breakaway Sign Posts, 4 Lb./LF For Detours *(01 55 26 00-0285)*		
01 55 26 00-0290	LF	Temporary Breakaway Sign Post, 4 Lb./LF For Detours	15.12	
01 55 26 00-0291		Temporary Driven Sign Posts For Detours *(01 55 26 00-0278)*		
01 55 26 00-0292		Temporary Driven Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0291)*		
01 55 26 00-0293	LF	Temporary Driven Post, 2.5 Lb./LF For Detours	15.05	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0294		Temporary Driven Posts, 4 Lb./LF For Detours *(01 55 26 00-0291)*		
01 55 26 00-0295	LF	Temporary Driven Post, 4 Lb./LF For Detours	18.26	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0296		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours *(01 55 26 00-0278)*		
01 55 26 00-0297		Temporary Omni-Directional Breakaway Systems For Signs For Detours *(01 55 26 00-0296)* Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0298	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,211.69	
01 55 26 00-0299	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,291.28	
01 55 26 00-0300	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	885.24	
01 55 26 00-0301	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	775.35	
01 55 26 00-0302	EA	Temporary Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	879.15	
01 55 26 00-0303	EA	Temporary Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	836.41	
01 55 26 00-0304	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	774.21	
01 55 26 00-0305		Temporary Omni-Directional Breakaway Systems For Poles For Detours *(01 55 26 00-0296)* Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		
01 55 26 00-0306	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings	439.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0307	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings	461.23	
01 55 26 00-0308	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings	478.96	
01 55 26 00-0309	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	727.25	
01 55 26 00-0310	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	63.86	
01 55 26 00-0311	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	85.15	

01 55 26 00-0312 Temporary Rumble Strips *(01 55 26)*

Note: Includes removal after use.

01 55 26 00-0313	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	14.22	
01 55 26 00-0314	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	10.30	

01 56 Temporary Barriers and Enclosures *(01 50)*

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers *(01 56)*

01 56 16 00-0001 Temporary Sheeting For Protection *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0002	SF	4 Mil, Plastic Sheeting, Applied To Floors	0.40	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls	0.53	
01 56 16 00-0004	SF	4 Mil, Plastic Sheeting, Applied To Ceilings	0.72	
01 56 16 00-0005	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.42	
01 56 16 00-0006	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.55	
01 56 16 00-0007	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.74	
01 56 16 00-0008	SF	6 Mil, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.44	
01 56 16 00-0009	SF	6 Mil, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.57	
01 56 16 00-0010	SF	6 Mil, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.76	
01 56 16 00-0011	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.74	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.53	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.66	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.85	
01 56 16 00-0015	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.79	
01 56 16 00-0016	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	1.01	
01 56 16 00-0017	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.56	
01 56 16 00-0018	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.69	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.88	
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.82	
01 56 16 00-0021	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.55	
01 56 16 00-0022	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.68	
01 56 16 00-0023	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.87	
01 56 16 00-0024	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.81	
01 56 16 00-0025	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.62	
01 56 16 00-0026	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.75	
01 56 16 00-0027	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.94	
01 56 16 00-0028	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.88	

01 56 16 00-0029 Temporary Canvas For Protection *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0030	SF	Heavy-Duty Woven Water Repellant Canvas, Applied To Walls	1.16	

01 56 16 00-0031 Accessories For Temporary Sheeting *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0032	EA	7' Zipper Door For Plastic Sheeting Note: Includes removal after use.	22.18	
01 56 16 00-0033	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall) Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors. Includes removal after use.	9.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0034		**Magnetic Barriers For Temporary Sheeting** *(01 56 16)*		
01 56 16 00-0035	EA	Magnetic Dust Barrier Door System For Plastic Sheeting Note: Multi use. Excludes spring poles and magnetic strips.	23.84	
01 56 16 00-0036	EA	29" To 50", Dust Barrier Spring Pole For Door System Note: Multi use.	6.25	
01 56 16 00-0037	EA	Magnetic Strip For Door System Note: Multi use.	3.25	
01 56 16 00-0038		**Temporary Critical Barriers For Protection** *(01 56 16)* Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0039	EA	Up To 1 SF Individual Critical Barriers For Outlets And Receptacles Note: Includes removal after use.	11.72	
01 56 16 00-0040	EA	>1 To 4 SF Individual Critical Barriers For Diffusers, Ceiling Speakers, Return Grilles, etc. Note: Includes removal after use.	17.80	
01 56 16 00-0041	EA	>4 To 8 SF Individual Critical Barriers For Diffusers, Return Grilles, Access Doors, Light Fixtures, etc. Note: Includes removal after use.	23.95	
01 56 16 00-0042	EA	>8 To 32 SF Individual Critical Barriers For Doors, Windows, etc. Note: Includes removal after use.	37.68	
01 56 16 00-0043		**Temporary Stud Wall** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0044		**Temporary Stud Wall With Drywall** *(01 56 16 00-0043)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0045		**Temporary Stud Wall With Drywall** *(01 56 16 00-0044)*		
01 56 16 00-0046	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.56	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0047	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.56	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0048	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.70	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0049	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.14	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0050	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.14	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0051	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.44	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0052		**Temporary Stud Wall With Fire Rated Drywall** *(01 56 16 00-0044)*		
01 56 16 00-0053	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.73	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0054	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.77	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0055	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.69	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0056	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.82	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0057	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.48	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0058	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.58	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0059	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.40	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0060	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	11.67	
		For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0061		**Temporary Stud Wall With Oriented Strand Board (OSB)** *(01 56 16 00-0043)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0062	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.30	
		For Metal Studs 24" On Center, Add/Deduct	*1.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0063		SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.35	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0064		SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.49	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0065		SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.57	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0066		SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.62	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0067		SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.72	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0068		SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.01	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0069		SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.17	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0070			**Temporary Stud Wall With BC Plywood** *(01 56 16 00-0043)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0071		SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.64	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0072		SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.83	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0073		SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.09	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0074		SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.25	
			For Metal Studs 24" On Center, Add/Deduct	*1.25*	
01 56 16 00-0075		SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.31	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0076		SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.69	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0077		SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.20	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0078		SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.53	
			For Metal Studs 24" On Center, Add/Deduct	*1.34*	
01 56 16 00-0079			**Temporary Stud Wall With Plastic Sheeting** *(01 56 16 00-0043)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0080		SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.73	
			For Metal Studs 24" On Center, Add/Deduct	*1.14*	
01 56 16 00-0081		SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.82	
			For Metal Studs 24" On Center, Add/Deduct	*1.14*	
01 56 16 00-0082		SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.84	
			For Metal Studs 24" On Center, Add/Deduct	*1.14*	
01 56 16 00-0083		SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.83	
			For Metal Studs 24" On Center, Add/Deduct	*1.14*	
01 56 16 00-0084		SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.91	
			For Metal Studs 24" On Center, Add/Deduct	*1.14*	
01 56 16 00-0085			**14' High Temporary Stud Walls** *(01 56 16 00-0043)*		
01 56 16 00-0086		LF	14' High Temporary Stud Wall Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom.	158.02	
01 56 16 00-0087			**Temporary Doors** *(01 56 16 00-0043)* Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0088		EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	582.59	
01 56 16 00-0089			**Temporary Floor Protection** *(01 56 16)* Note: Includes removal after use.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0090	SF	1/8" Thick, Masonite For Temporary Floor Protection Note: Includes removal after use.	1.77	
01 56 16 00-0091	SF	1/2" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	1.88	
01 56 16 00-0092	SF	3/4" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	2.13	
01 56 16 00-0093	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection Note: Includes removal after use.	0.93	
01 56 16 00-0094	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection Note: Includes removal after use.	0.38	
01 56 16 00-0095	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film Note: Includes removal after use.	29.01	
01 56 16 00-0096	SF	Burlap For Temporary Floor Protection Note: Includes removal after use.	0.84	
01 56 16 00-0097	LF	36" Wide, 10 Mil, Non-Flame Retardant, Leak-Proof, Dust-Free And Slip Resistant, Reusable Protective Floor Covering For Temporary Floor Protection Note: Includes removal after use.	0.68	
		For Seam Tape, Add Per LF	*0.27*	
01 56 16 00-0098	LF	36" Wide, 10 Mil, Flame Retardant, Leak-Proof, Dust-Free And Slip Resistant, Reusable Protective Floor Covering For Temporary Floor Protection Note: Includes removal after use.	0.78	
		For Seam Tape, Add Per LF	*0.27*	

01 56 16 00-0099 Sticky Mats *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0100	EA	18" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	39.35	
		For 60 Layers Instead Of 30, Add	*25.58*	
01 56 16 00-0101	EA	18" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	45.04	
		For 60 Layers Instead Of 30, Add	*29.85*	
01 56 16 00-0102	EA	24" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	45.04	
		For 60 Layers Instead Of 30, Add	*29.85*	
01 56 16 00-0103	EA	25" x 45", 30 Layer Sticky Mat Note: Includes removal after use.	59.25	
		For 60 Layers Instead Of 30, Add	*40.51*	
01 56 16 00-0104	EA	36" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	64.94	
		For 60 Layers Instead Of 30, Add	*44.78*	
01 56 16 00-0105	EA	36" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	70.62	
		For 60 Layers Instead Of 30, Add	*49.04*	
01 56 16 00-0106	EA	36" x 60", 30 Layer Sticky Mat Note: Includes removal after use.	141.70	
		For 60 Layers Instead Of 30, Add	*102.35*	
01 56 16 00-0107	EA	36" x 72", 30 Layer Sticky Mat Note: Includes removal after use.	168.99	
01 56 16 00-0108	EA	18" x 36", 60 Layer Clean Mat With Frame	148.95	
01 56 16 00-0109	EA	24" x 36", 60 Layer Clean Mat With Frame	192.69	
01 56 16 00-0110	EA	18" x 36", 60 Layer Clean Mat Replacement Pads	107.30	
01 56 16 00-0111	EA	24" x 36", 60 Layer Clean Mat Replacement Pads	134.37	

01 56 16 00-0112 Temporary Panel Assembly Rentals (Edge Guard) *(01 56 16)*

01 56 16 00-0113 Barrier System Panels *(01 56 16 00-0112)*

Note: Panels are adjustable from 7'-8" to 10'-0" height and includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

01 56 16 00-0114	WK	4' Panel Assembly Rental (Edge Guard 4000)	84.74	
01 56 16 00-0115	MO	4' Panel Assembly Rental (Edge Guard 4000)	388.57	
01 56 16 00-0116	WK	3' Panel Assembly Rental (Edge Guard 4001)	79.89	
01 56 16 00-0117	MO	3' Panel Assembly Rental (Edge Guard 4001)	370.41	
01 56 16 00-0118	WK	2' Panel Assembly Rental (Edge Guard 4002)	62.95	
01 56 16 00-0119	MO	2' Panel Assembly Rental (Edge Guard 4002)	292.34	
01 56 16 00-0120	WK	2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1)	108.92	
01 56 16 00-0121	MO	2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1)	502.28	
01 56 16 00-0122	WK	4' Panel Assembly Rental With 44" Door (Edge Guard 4003)	168.26	
01 56 16 00-0123	MO	4' Panel Assembly Rental With 44" Door (Edge Guard 4003)	775.33	
01 56 16 00-0124	WK	Hinged Corner Assembly Rental (Edge Guard 4004)	29.05	
01 56 16 00-0125	MO	Hinged Corner Assembly Rental (Edge Guard 4004)	130.73	
01 56 16 00-0126	WK	6" Panel Assembly Rental (Edge Guard 4005)	59.41	
01 56 16 00-0127	MO	6" Panel Assembly Rental (Edge Guard 4005)	275.45	
01 56 16 00-0128	WK	12" Panel Assembly Rental (Edge Guard 4006)	44.79	
01 56 16 00-0129	MO	12" Panel Assembly Rental (Edge Guard 4006)	205.18	
01 56 16 00-0130	WK	Outside Corner Post Rental (Edge Guard 4007)	24.21	
01 56 16 00-0131	MO	Outside Corner Post Rental (Edge Guard 4007)	108.94	
01 56 16 00-0132	WK	52" Panel Assembly Rental With 48" Door (Edge Guard 4008)	459.08	
01 56 16 00-0133	MO	52" Panel Assembly Rental With 48" Door (Edge Guard 4008)	2,117.15	
01 56 16 00-0134	WK	T Post Rental (Edge Guard 4009)	24.21	
01 56 16 00-0135	MO	T Post Rental (Edge Guard 4009)	108.94	
01 56 16 00-0136	WK	36" Panel Assembly Rental With 32" Door (Edge Guard 4010)	232.24	
01 56 16 00-0137	MO	36" Panel Assembly Rental With 32" Door (Edge Guard 4010)	1,247.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0138		Installation Of Barrier System Panels *(01 56 16 00-0112)* Note: Includes removal after use.		
01 56 16 00-0139	LF	Installation Of Panel Assembly Rental (Edge Guard) Note: Includes panels and corners	63.14	

01 56 26 Temporary Fencing *(01 56)*

01 56 26 00-0001		Temporary Fencing *(01 56 26)* Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		Temporary Chain Link Fence *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	7.76	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.54*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	8.64	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	11.84	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	25.79	
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-3.04*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0008		Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)*		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	8.13	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.59*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	9.04	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	12.51	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.12*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	27.81	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.34*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0013		Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*		
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	8.53	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.65*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	9.50	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.73*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	13.27	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.24*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	30.04	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.67*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0018		Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	8.95	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.71*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	9.95	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.80*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	14.08	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.36*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	32.48	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-4.04*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	306.16	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	521.67	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	583.77	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	664.71	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	795.72	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	886.24	
		For Each LF Shade Cloth, Add	*101.96*	

01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	328.05	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	563.94	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	632.52	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	733.62	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	886.50	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,007.07	
		For Each LF Shade Cloth, Add	*162.49*	

01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	366.50	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	647.07	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	723.24	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	828.34	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,012.36	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,176.87	
		For Shade Cloth, Add	*229.40*	

01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	443.56	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	775.04	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	868.06	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	992.73	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,213.57	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,404.26	
		For Each LF Shade Cloth, Add	*302.68*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0053		Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0023)*		
01 56 26 00-0054		4' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	317.54	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	539.37	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	603.99	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	687.47	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	823.54	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	916.59	
		For Each LF Shade Cloth, Add	*101.96*	
01 56 26 00-0061		6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	339.95	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	582.44	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	653.67	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	757.41	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	915.58	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,038.79	
		For Each LF Shade Cloth, Add	*162.49*	
01 56 26 00-0068		8' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	379.58	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	667.42	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	746.51	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	854.52	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,044.35	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,211.77	
		For Shade Cloth, Add	*229.40*	
01 56 26 00-0075		10' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	459.91	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	800.49	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	897.14	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,025.45	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,253.56	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,447.88	
		For Each LF Shade Cloth, Add	*302.68*	
01 56 26 00-0082		Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)*		
01 56 26 00-0083		4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	329.48	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	557.95	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	625.24	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	711.37	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	852.74	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	948.45	
		For Each LF Shade Cloth, Add	*101.96*	
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	352.44	
		For Each LF Shade Cloth, Add	*27.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	601.87	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	675.88	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	782.40	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	946.12	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,072.10	
		For Each LF Shade Cloth, Add	*162.49*	

01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	393.32	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	688.79	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	770.94	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	882.00	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,077.94	
		For Shade Cloth, Add	*191.17*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,248.41	
		For Shade Cloth, Add	*229.40*	

01 56 26 00-0104 10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	477.09	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	827.21	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	927.68	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,059.80	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,295.54	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,493.68	
		For Each LF Shade Cloth, Add	*302.68*	

01 56 26 00-0111 Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*

01 56 26 00-0112 4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	341.43	
		For Each LF Shade Cloth, Add	*16.99*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	576.54	
		For Each LF Shade Cloth, Add	*42.48*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	646.48	
		For Each LF Shade Cloth, Add	*50.98*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	735.26	
		For Each LF Shade Cloth, Add	*63.72*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	881.95	
		For Each LF Shade Cloth, Add	*84.96*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	980.31	
		For Each LF Shade Cloth, Add	*101.96*	

01 56 26 00-0119 6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	364.93	
		For Each LF Shade Cloth, Add	*27.08*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	621.30	
		For Each LF Shade Cloth, Add	*67.71*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	698.08	
		For Each LF Shade Cloth, Add	*81.25*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	807.38	
		For Each LF Shade Cloth, Add	*101.56*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	976.65	
		For Each LF Shade Cloth, Add	*135.41*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,105.41	
		For Each LF Shade Cloth, Add	*162.49*	

01 56 26 00-0126 8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	407.06	
		For Each LF Shade Cloth, Add	*38.23*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	710.17	
		For Shade Cloth, Add	*95.58*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	795.36	
		For Shade Cloth, Add	*114.70*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	909.48	
		For Shade Cloth, Add	*143.38*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,111.52	
		For Shade Cloth, Add	*191.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,285.05	
		For Shade Cloth, Add	*229.40*	

01 56 26 00-0133 10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	494.26	
		For Each LF Shade Cloth, Add	*50.45*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	853.92	
		For Each LF Shade Cloth, Add	*126.12*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	958.21	
		For Each LF Shade Cloth, Add	*151.34*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,094.15	
		For Each LF Shade Cloth, Add	*189.18*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,337.52	
		For Each LF Shade Cloth, Add	*252.23*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,539.48	
		For Each LF Shade Cloth, Add	*302.68*	

01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)*

Note: Includes delivery, set-up and removal. Excludes sandbags.

01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)*

01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	8.46	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	9.40	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.72*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	12.75	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.16*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months *(01 56 26 00-0140)*

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.83	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.70*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	9.80	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.78*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	13.43	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.26*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months *(01 56 26 00-0140)*

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	9.20	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.75*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	10.26	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	14.19	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.37*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months *(01 56 26 00-0140)*

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	9.66	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.82*	
		For Each LF Shade Cloth, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	10.72	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.92*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	14.98	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.49*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	7.72	

01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*

Note: Excludes auguring/drilling for posts.

01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*

01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	3.67	
01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	5.51	
01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	7.96	
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	9.80	

01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*

01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	1.04	
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	1.26	
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.42	

01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*

01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	136.19	
01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	157.14	
01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	193.81	
01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	209.53	

01 56 26 00-0174 Temporary Rail And Timber Structure *(01 56 26)*

01 56 26 00-0175	LF	4' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	244.27	
01 56 26 00-0176	LF	6' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	348.17	
01 56 26 00-0177	LF	8' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	452.06	
01 56 26 00-0178	LF	10' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	576.51	
01 56 26 00-0179	LF	12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	669.93	
01 56 26 00-0180	LF	15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	768.60	

01 56 26 00-0181 Temporary Safety Fence *(01 56 26)*

Note: Includes removal after use.

01 56 26 00-0182	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.83	

01 56 29 Temporary Protective Walkways *(01 56)*

01 56 29 00-0001 Temporary Sidewalk Bridge Protection *(01 56 29)*

01 56 29 00-0002 Installation of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes material rental. See CSI section 01 56 29 00-0005 for monthly rental x length.

01 56 29 00-0003	LF	Installation of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	179.64	
		For 3 Post System, Add	*6.00*	
		For Each Additional Foot Over 8' Wide, Add	*3.00*	
		For Each Additional Foot Over 8' High, Add	*2.00*	
01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	4.58	

01 56 29 00-0005 Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes installation set-up and removal. See CSI section 01 56 29 00-0002 for installation set-up, 01 56 29 00-0016 for removal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	15.49	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.32*	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	17.45	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.62*	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	19.38	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.91*	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	19.38	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.91*	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	21.30	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.20*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	25.21	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.78*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	23.28	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.49*	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	27.15	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.07*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	29.05	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.36*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.90	
01 56 29 00-0016		**Removal of Sidewalk Bridge** *(01 56 29 00-0001)*		
01 56 29 00-0017	LF	Removal Of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	37.39	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.57	
01 56 29 00-0019		**Temporary Safety Nets** *(01 56 29)*		
		Note: Includes removal after use.		
01 56 29 00-0020	SF	Small Mesh Debris Netting	2.78	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
01 56 33		**Temporary Security Barriers** *(01 56)*		
01 56 33 00-0001		**Board-up Opening With Plywood** *(01 56 33)*		
		Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	15.72	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.59	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	9.95	
01 56 33 00-0005		**Temporary Pedestrian Barricade** *(01 56 33)*		
		Note: Portable, interlocking galvanized steel fence with pivoting legs.		
01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	14.47	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	35.15	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	105.44	
01 56 39		**Temporary Tree and Plant Protection** *(01 56)*		
01 56 39 00-0001		**Temporary Tree Guards** *(01 56 39)*		
		Note: Includes digging holes and removal after use.		
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	222.24	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	261.94	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	284.33	

01 57 Temporary Controls *(01 50)*

01 57 13 Temporary Erosion and Sediment Control *(01 57)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	117.32	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 Lb. sediment.	115.20	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 Lb. sediment.	145.15	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 Lb. sediment.	143.00	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 Lb. sediment.	175.11	

01 57 26 Site Watering for Dust Control *(01 57)*

01 57 26 00-0001 Site Watering for Dust Control *(01 57 26)*

01 57 26 00-0002	MSF	Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) Note: GTL (Gas-to-Liquid)	118.41	
01 57 26 00-0003	MSF	Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	44.18	
01 57 26 00-0004	MSF	Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	66.51	
01 57 26 00-0005	MSF	Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	111.18	
01 57 26 00-0006	MSF	Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	155.85	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*

Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	169.07	28.82
		For High-Intensity Grade, Add	*39.00*	
		For Diamond Grade, Add	*75.22*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	283.12	30.13
		For High-Intensity Grade, Add	*78.00*	
		For Diamond Grade, Add	*150.44*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	397.18	31.43
		For High-Intensity Grade, Add	*117.01*	
		For Diamond Grade, Add	*225.66*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	511.22	32.75
		For High-Intensity Grade, Add	*156.01*	
		For Diamond Grade, Add	*300.87*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	16.03	1.04
		For High-Intensity Grade, Add	*4.88*	
		For Diamond Grade, Add	*9.40*	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	215.69	28.82
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	256.04	30.13
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	318.82	31.43
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	378.12	32.75
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	11.87	1.04

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	220.14	28.82
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	280.03	30.13
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	343.20	31.43
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	399.01	32.75
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	12.52	1.04

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*

Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	17.62
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	13.04
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	16.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0027		**Owner Supplied Signs** *(01 58 13 00-0001)*		
01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign	104.78	

01 60 Product Requirements *(01)*

01 65 Product Delivery Requirements *(01 60)*

01 65 00 00-0001		**Helicopter Lift** *(01 65)* Note: Includes Helcopter, Crew, Permits, Fuel And Clearances		
01 65 00 00-0002	DAY	< 3,500 Lb., Helicopter Lift Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.	36,948.42	
		For Weekend Day Usage, Add	*3,500.00*	

01 66 Product Storage and Handling Requirements *(01 60)*

01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001		**Transfer Delivered Materials Between Floors** *(01 66 19)* Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor Note: Quantity equals volume of materials multiplied by number of floors traveled.	20.15	
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	13.10	
01 66 19 00-0004		**Transfer Delivered Materials Distances Greater Than 125'** *(01 66 19)* Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	8.19	
01 66 19 00-0006		**Transfer Demolition Debris Between Floors** *(01 66 19)* Note: Only for use with demolition tasks.		
01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	20.15	
01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	13.10	
01 66 19 00-0009		**Transfer Demolition Debris Distances Greater Than 125'** *(01 66 19)* Note: Only for use with demolition tasks.		
01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	8.19	
01 66 19 00-0011		**Moving Furniture And Furnishings** *(01 66 19)* Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.31	

01 66 23 Off-Site Storage Facilities *(01 66)*

01 66 23 00-0001		**Climate And Humidity Controlled Off-site Storage Facility** *(01 66 23)*		
01 66 23 00-0002	MO	5' x 10', Climate And Humidity Controlled Storage Facility	308.46	
01 66 23 00-0003	MO	10' x 10', Climate And Humidity Controlled Storage Facility	345.57	
01 66 23 00-0004	MO	10' x 20', Climate And Humidity Controlled Storage Facility	635.47	
01 66 23 00-0005	MO	15' x 15', Climate And Humidity Controlled Storage Facility	781.58	
01 66 23 00-0006	MO	10' x 30', Climate And Humidity Controlled Storage Facility	1,001.91	

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001		**Equipment Delivery, Pickup, Mobilization And Demobilization** *(01 71 13)* Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.		
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	489.82	
01 71 13 00-0003	MI	>25 Miles, Equipment Delivery And Pickup Using A Rollback Flatbed Truck Note: Excludes first 25 miles.	5.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0004	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy-duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,521.98	
01 71 13 00-0005	MI	>25 Miles, Equipment Delivery And Pickup Using A Tractor Trailer With Up To 53' Bed Note: Excludes first 25 miles.	12.17	

01 71 13 00-0006 Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.

01 71 13 00-0007	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	522.47	
		For >30 To 60 Miles Radius, Add	*130.62*	
		For >60 To 100 Miles Radius, Add	*208.99*	
01 71 13 00-0008	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	849.01	
		For >30 To 60 Miles Radius, Add	*212.25*	
		For >60 To 100 Miles Radius, Add	*339.60*	
01 71 13 00-0009	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,175.56	
		For >30 To 60 Miles Radius, Add	*293.89*	
		For >60 To 100 Miles Radius, Add	*470.22*	
01 71 13 00-0010	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,893.96	
		For >30 To 60 Miles Radius, Add	*473.49*	
		For >60 To 100 Miles Radius, Add	*757.58*	
01 71 13 00-0011	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,377.24	
		For >30 To 60 Miles Radius, Add	*594.31*	
		For >60 To 100 Miles Radius, Add	*950.90*	
01 71 13 00-0012	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,958.49	
		For >30 To 60 Miles Radius, Add	*739.62*	
		For >60 To 100 Miles Radius, Add	*1,183.40*	
01 71 13 00-0013	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,409.12	
		For >30 To 60 Miles Radius, Add	*852.28*	
		For >60 To 100 Miles Radius, Add	*1,363.65*	
01 71 13 00-0014	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,814.04	
		For >30 To 60 Miles Radius, Add	*953.51*	
		For >60 To 100 Miles Radius, Add	*1,525.62*	
01 71 13 00-0015	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	2,024.57	
		For >30 To 60 Miles Radius, Add	*506.14*	
		For >60 To 100 Miles Radius, Add	*809.83*	
01 71 13 00-0016	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,200.13	
		For >30 To 60 Miles Radius, Add	*800.03*	
		For >60 To 100 Miles Radius, Add	*1,280.05*	
01 71 13 00-0017	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,049.15	
		For >30 To 60 Miles Radius, Add	*1,012.29*	
		For >60 To 100 Miles Radius, Add	*1,619.66*	
01 71 13 00-0018	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	5,028.77	
		For >30 To 60 Miles Radius, Add	*1,257.19*	
		For >60 To 100 Miles Radius, Add	*2,011.51*	
01 71 13 00-0019	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,269.64	
		For >30 To 60 Miles Radius, Add	*1,567.41*	
		For >60 To 100 Miles Radius, Add	*2,507.86*	
01 71 13 00-0020	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	7,314.59	
		For >30 To 60 Miles Radius, Add	*1,828.65*	
		For >60 To 100 Miles Radius, Add	*2,925.84*	
01 71 13 00-0021	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	10,449.41	
		For >30 To 60 Miles Radius, Add	*2,612.35*	
		For >60 To 100 Miles Radius, Add	*4,179.76*	
01 71 13 00-0022	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	14,328.75	
		For >30 To 60 Miles Radius, Add	*3,582.19*	
		For >60 To 100 Miles Radius, Add	*5,731.50*	

01 71 23 Field Engineering *(01 71)*

01 71 23 16 Construction Surveying *(01 71 23)*

01 71 23 16-0001 Conventional Topographic Survey *(01 71 23 16)*

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,359.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	3,829.37	
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings)	5,498.99	
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	8,270.20	
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, etc. (>65% Buildings)	10,354.49	
01 71 23 16-0007		**Property Lines Survey** *(01 71 23 16)*		
		Note: Not to be added to tasks in the "Conventional Topographic Survey" section.		
01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	3.05	
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.53	
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	4.13	
01 71 23 16-0011		**Survey Monument** *(01 71 23 16)*		
01 71 23 16-0012	EA	3' Precast Survey Monument	211.60	
		For Owner Furnished Monument, Deduct	*-86.06*	
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	316.27	
01 71 23 16-0014	EA	Riser Ring For Survey Monument	162.63	
01 71 23 16-0015	EA	Reset/Relocate/Adjust Survey Monument Cover To Grade	258.18	
01 71 23 16-0016		**Facade Surveying** *(01 71 23 16)*		
01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	8.42	
01 71 23 16-0018		**Utility Survey** *(01 71 23 16)*		
		Note: This survey is only for the location of underground utilities.		
01 71 23 16-0019	ACR	Survey Clear Area For Underground Utilities	7,068.73	
01 71 23 16-0020		**GPR Bridge Deck And Pavement Inspection** *(01 71 23 16)*		
01 71 23 16-0021		**GPR Bridge Deck And Pavement Inspection Mobilization Fee** *(01 71 23 16-0020)*		
		Note: One mobilization per project.		
01 71 23 16-0022	EA	GPR Bridge Deck And Pavement Inspection Mobilization Fee	4,297.90	
01 71 23 16-0023		**Bridge Deck Delamination Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0024	EA	Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	3,013.35	
01 71 23 16-0025	SF	Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	1.27	
01 71 23 16-0026	SF	>5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	1.00	
01 71 23 16-0027	SF	>10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.80	
01 71 23 16-0028	SF	>25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.60	
01 71 23 16-0029	SF	>50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.48	
01 71 23 16-0030	SF	>100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.38	
01 71 23 16-0031	SF	>250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.28	
01 71 23 16-0032		**Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0033	EA	Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	1,004.45	
01 71 23 16-0034	SF	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	0.06	
01 71 23 16-0035		**Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0036	EA	Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	1,004.45	
01 71 23 16-0037	SF	Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.46	
01 71 23 16-0038	SF	>5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.36	
01 71 23 16-0039	SF	>10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.28	
01 71 23 16-0040	SF	>25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.22	
01 71 23 16-0041	SF	>50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.18	
01 71 23 16-0042	SF	>100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.14	
01 71 23 16-0043	SF	>250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.10	
01 71 23 16-0044		**Pavement Structure And Thickness Measurement, GPR Pavement Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0045	LM	Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	7,469.09	
01 71 23 16-0046	LM	>4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	3,256.43	
01 71 23 16-0047	LM	>9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	2,424.74	
01 71 23 16-0048	LM	>49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,323.87	
01 71 23 16-0049	LM	>99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,040.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0050		**Pavement Thickness Contour (Mapping), GPR Pavement Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0051	LM	Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	9,504.11	
01 71 23 16-0052	LM	>4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	4,469.80	
01 71 23 16-0053	LM	>9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	3,395.04	
01 71 23 16-0054	LM	>49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,902.43	
01 71 23 16-0055	LM	>99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,504.67	
01 71 23 16-0056		**Pavement Void Detection (Mapping), GPR Pavement Inspection** *(01 71 23 16-0020)*		
		Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0057	LM	Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	11,286.00	
01 71 23 16-0058	LM	>4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	5,530.50	
01 71 23 16-0059	LM	>9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	4,242.80	
01 71 23 16-0060	LM	>49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	2,408.67	
01 71 23 16-0061	LM	>99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	1,908.46	
01 71 23 16-0062		**Drone Survey (Extreme Aerial Productions)** *(01 71 23 16)*		
		Note: Thermographic services to electrical line grid inspections.		
01 71 23 16-0063		**Mobilization For Drone Surveying** *(01 71 23 16-0062)*		
01 71 23 16-0064	EA	Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	270.04	
01 71 23 16-0065	EA	Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	675.11	
01 71 23 16-0066	EA	Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	180.03	
01 71 23 16-0067	EA	Mobilization For Drone Road Survey For Topography/Progression/Inspection	360.06	
01 71 23 16-0068	EA	Mobilization For Drone Survey Stockpile	180.03	
01 71 23 16-0069	EA	Mobilization For Drone Inspection	180.03	
01 71 23 16-0070	EA	Mobilization For Qualitative Drone Thermal Inspection	360.06	
01 71 23 16-0071	EA	Mobilization For Quantitative Drone Thermal Inspection	450.08	
01 71 23 16-0072	EA	Mobilization For Drone Agricultural Multispectral Survey	720.12	
01 71 23 16-0073	EA	Mobilization For Drone Building Inspection/Scan/Thermal	540.09	
01 71 23 16-0074	EA	Mobilization For Drone 3D Modelling	450.08	
01 71 23 16-0075	EA	Mobilization For Drone Spraying Crops Or Sanitation	810.14	
01 71 23 16-0076	EA	Mobilization For Drone Video Progression/Marketing	180.03	
01 71 23 16-0077	EA	Mobilization For Drone Pictures Progression/Marketing	180.03	
01 71 23 16-0078	EA	Mobilization For Drone Training, Flying, Test Prep, Equipment Checks	180.03	
01 71 23 16-0079	EA	Mobilization For Drone Accident Reconstruction	180.03	
01 71 23 16-0080	EA	Mobilization For Drone Landfill Survey	270.04	
01 71 23 16-0081	EA	Mobilization For Drone Event Security Using Tethered Drones	360.06	
01 71 23 16-0082	EA	Mobilization For Drone Emergency Response	900.15	
01 71 23 16-0083	EA	Mobilization For Drone Cell Tower Inspection	270.04	
01 71 23 16-0084		**Drone Surveying** *(01 71 23 16-0062)*		
01 71 23 16-0085	HR	Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	657.11	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0086	HR	> 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	837.14	
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*216.04*	
01 71 23 16-0087	HR	Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	540.09	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0088	HR	Drone Road Survey For Topography/Progression/Inspection	630.10	
		Note: 3 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0089	HR	Drone Survey Stockpile	450.08	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0090	HR	Drone Inspection	630.10	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0091	HR	Qualitative Drone Thermal Inspection	720.12	
		Note: 5 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0092	HR	Quantitative Drone Thermal Inspection	1,080.18	
		Note: 5 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0093	HR	Drone Agricultural Multispectral Survey	810.14	
		Note: 6 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0094	HR	Drone Building Inspection/Scan/Thermal	720.12	
		Note: 3 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0095	HR	Drone 3D Modelling	540.09	
		Note: 3 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0096	HR	Drone Spraying Crops Or Sanitation	720.12	
		Note: 3 hour minimum		
		For Visual Observation, Add	*225.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0097	HR	Drone Video Progression/Marketing	360.06	
		Note: 2 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0098	HR	Drone Pictures Progression/Marketing	270.04	
		Note: 2 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0099	HR	Drone Training, Flying, Test Prep, Equipment Checks	540.09	
		Note: 3 hour minimum		
01 71 23 16-0100	HR	Drone Accident Reconstruction	810.14	
		Note: 2 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0101	HR	Drone Landfill Survey	657.11	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0102	HR	Drone Event Security Using Tethered Drones	450.08	
		Note: 3 hour minimum		
		For Visual Observation, Add	*180.03*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0103	HR	Drone Emergency Response	450.08	
		Note: 3 hour minimum		
		For Visual Observation, Add	*270.04*	
		For Additional Manpower, Add	*180.03*	
01 71 23 16-0104	HR	Drone Cell Tower Inspection	450.08	
		Note: 3 hour minimum		
		For Visual Observation, Add	*225.04*	
		For Additional Manpower, Add	*180.03*	

01 71 23 16-0105 Utilization And Deliverables For Drone Surveying *(01 71 23 16-0062)*

01 71 23 16-0106	Day	Utilization Of GPS Ground Control For Drone Surveying	450.08	
01 71 23 16-0107	Day	Utilization Of GPS Base Station Per Day For Drone Surveying	450.08	
01 71 23 16-0108	HR	Processing And Data Deliverables And Reporting For Drone Surveying	180.03	
		Note: 2 hour minimum		
01 71 23 16-0109	HR	Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying	360.06	
		Note: 3 hour minimum		

01 71 23 16-0110 Travel, Waivers, And Editing For Drone Surveying *(01 71 23 16-0062)*

01 71 23 16-0111	MI	Travel Over 100 Miles For Drone Surveying	1.04	
		Note: For additional miles over 100		
01 71 23 16-0112	EA	Overnight Stay Per Person For Drone Surveying	225.04	
01 71 23 16-0113	EA	Waiver Utilization B, C, D, And E For Drone Surveying	90.02	
		Note: Restricted airspace		
01 71 23 16-0114	EA	Night Waiver For Drone Surveying	117.02	
01 71 23 16-0115	EA	Flying Over People Waiver For Drone Surveying	180.03	
01 71 23 16-0116	EA	Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying	900.15	
01 71 23 16-0117	HR	Editing Video For Drone Surveying	180.03	
		Note: 2 hour minimum		
01 71 23 16-0118	HR	Editing Pictures For Drone Surveying	90.02	
		Note: 2 hour minimum		
01 71 23 16-0119	HR	Custom Post Processing For Drone Surveying	270.04	
		Note: 3 hour minimum		

01 71 36 Non-Destructive Concrete Examination *(01 71)*

01 71 36 00-0001 Electromagnetic Survey *(01 71 36)*

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,161.90	
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,742.85	
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,485.70	

01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	387.30	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	774.60	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	1,742.85	

01 74 Cleaning and Waste Management *(01 70)*

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001 General *(01 74 13)*

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	26.23	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	30.76	
01 74 13 00-0004	CSF	Wet Mop, Disinfect And High Efficiency Particulate Air (HEPA) Vacuum Floors (Three Step Process) Note: For use in contained areas for Class III or IV infection control.	24.61	

01 74 13 00-0005 Window Washing *(01 74 13)*

Note: Includes scaffolding, platform lift, swing scaffold, boatswains chair or other required equipment.

01 74 13 00-0006	SF	Wash Exterior Windows On First Floor Without Window Guards	1.15	
01 74 13 00-0007	SF	Wash Exterior Windows Above First Floor Without Window Guard	3.28	
01 74 13 00-0008	SF	Wash Interior Windows Without Window Guard	1.75	
01 74 13 00-0009	SF	Wash Exterior Windows On First Floor With Window Guards	2.18	
01 74 13 00-0010	SF	Wash Exterior Windows Above First Floor With Window Guard	4.31	
01 74 13 00-0011	SF	Wash Interior Windows With Window Guard	2.77	

01 74 16 Site Maintenance *(01 74)*

01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance *(01 74 16)*

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks.

01 74 16 00-0002 Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	25.92	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	31.11	

01 74 16 00-0005 Runway Sweeping *(01 74 16 00-0001)*

01 74 16 00-0006	MSF	Sweep Runway, With Street Sweep	38.87	

01 74 19 Construction Waste Management and Disposal *(01 74)*

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	40.68	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	62.20	

01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	16.12	
		For Steel Liner, Add		*3.22*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	18.49	
		For Steel Liner, Add		*3.70*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	20.85	
		For Steel Liner, Add		*4.17*

01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	32.45	

01 74 19 00-0011 Construction Dumpsters Rental *(01 74 19)*

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	525.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	564.58	
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	603.85	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	689.06	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	896.35	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	786.23	
01 74 19 00-0018		Concrete Washout Service *(01 74 19)*		
01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	519.66	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	623.60	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	640.17	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,387.04	
01 74 19 00-0023		Debris Processing Fee *(01 74 19)*		
01 74 19 00-0024		Material Recycling Fees *(01 74 19 00-0023)* Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center	15.62	
01 74 19 00-0026	CY	Drop-Off Non-Reinforced Concrete At Recycling Center	20.93	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center	31.40	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center	27.21	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center	30.35	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center	14.65	
01 74 19 00-0031		Landfill Dump Fees *(01 74 19 00-0023)* Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0032	CY	Traditional Building Construction Materials Landfill Dump Fee	13.93	
01 74 19 00-0033	TON	Traditional Building Construction Materials, Landfill Dump Fee	60.70	
01 74 19 00-0034	CY	Trees, Stumps And Brush, Landfill Dump Fee	16.77	
01 74 19 00-0035	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	39.98	
01 74 19 00-0036	TON	Dump, Transfer Station Fee For Mixed Material	104.73	
01 74 19 00-0037	CY	Clean Dirt (No Grass, Weeds, Roots, Plants, Trash)	46.55	
01 74 19 00-0038	CY	Clay Loads, Expansive Materials	58.19	
01 74 19 00-0039	TON	General Refuse	68.09	
01 74 19 00-0040	EA	Tires	13.24	
01 74 19 00-0041		Hauling *(01 74 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0042	CYM	Hauling Up To 15 Miles	1.36	
01 74 19 00-0043	CYM	Hauling, Miles Over Initial 15 Miles	1.02	
01 74 23		**Final Cleaning *(01 74)***		
01 74 23 00-0001		Cleaning Of Glass *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	35.29	

01 90 Life Cycle Activities *(01)*

01 91 Commissioning *(01 90)*

01 91 13 General Commissioning Requirements *(01 91)*

01 91 13 00-0001		Commissioning Of Systems *(01 91 13)* Note: For use with commissioning of mechanical and electrical systems.		
01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	193.80	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	238.44	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	268.25	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	228.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

02 25 16 Existing Concrete, Masonry or Asphalt Assessment *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

02 32 13 Subsurface Drilling and Sampling *(02 32)*

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew *(02 32 13)*

02 32 13 00-0002	EA	Mobilization Of Drilling Crew	1,350.96

02 32 13 00-0003 Auger Borings *(02 32 13)*

02 32 13 00-0004	LF	Standard Auger Hole With Split Spoon Sample At 5' Intervals	40.69

02 32 13 00-0005 Cased Borings In Earth, With Samples *(02 32 13)*

Note: All types of soils.

02 32 13 00-0006	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	101.83
02 32 13 00-0007	LF	4" Diameter Cased Borings In Earth, With Samples	174.13

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") *(02 32 13)*

02 32 13 00-0009	LF	Drill In Rock, BW Core, With Casing Note: Includes sampling.	108.05
02 32 13 00-0010	EA	Drill In Rock, With BW Core Boxes	10.09

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") *(02 32 13)*

02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing Note: Includes sampling.	139.62
02 32 13 00-0013	EA	Drill In Rock, With NW Core Boxes	11.60

02 32 13 00-0014 Test Pits For Boring Activities *(02 32 13)*

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits *(02 32 13 00-0014)*

02 32 13 00-0016	CY	Excavation For Test Pit, Light Material, Backhoe Excavation	78.16
02 32 13 00-0017	CY	Excavation For Test Pits, Medium Material, Backhoe Excavation	91.19
02 32 13 00-0018	CY	Excavation For Test Pit, Heavy Material, Backhoe Excavation	121.59

02 32 13 00-0019 Hand-Dug Test Pits *(02 32 13 00-0014)*

02 32 13 00-0020	CY	Excavation For Test Pit, Light Soil, Hand Excavation	232.81
02 32 13 00-0021	CY	Excavation For Test Pit, Heavy Soil, Hand Excavation	419.06

02 32 13 00-0022 Shelby Tube Sampling *(02 32 13)*

02 32 13 00-0023	EA	Shelby Tube Sampling	55.95
02 32 13 00-0024	EA	Penetration Test	45.59

02 32 13 00-0025 Grouting *(02 32 13)*

02 32 13 00-0026	VLF	Boreholes	10.61

02 32 19 Exploratory Excavations *(02 32)*

02 32 19 00-0001 Hydro Excavation *(02 32 19)*

Note: Assumes on-site disposal. See CSI section 01 22 23 00-1497 for additional water per day, 01 71 13 00-0000 for additional support equipment mobilization, 01 74 19 00-0031 for off-site disposal fee of material, 01 74 19 00-0041 for hauling excavated soil from site.

02 32 19 00-0002	EA	Minimum Charge For Hydro Excavation Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,704.60
02 32 19 00-0003	EA	600 to 750 Gallon Water Capacity, 6 To 9 CY Soil Capacity, Hydro Excavation, Mobilization/Demobilization Per Day Note: Includes initial water.	974.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 32 19 00-0004	EA	1,200 To 1,500 Gallon Water Capacity, 12 To 15 CY Soil Capacity, Hydro Excavation, Mobilization/Demobilization Per Day	1,217.57	
		Note: Includes initial water		
02 32 19 00-0005	EA	Move And Set-up At Different Access/Location, Hydro Excavation	121.76	
02 32 19 00-0006	CY	Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck)	101.55	
		Note: Normal soil conditions consist of silt, sand and gravel.		
02 32 19 00-0007	CY	Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck)	162.43	
		Note: Adverse soil conditions consist of clay, glacial till and rocks.		

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

02 41 13 13 Paving Removal *(02 41 13)*

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	8.03
		For >500 To 1,000, Deduct	*-0.80*
		For >1,000 To 2,500, Deduct	*-1.45*
		For >2,500 To 5,000, Deduct	*-2.09*
		For >5,000 To 10,000, Deduct	*-2.73*
		For >10,000, Deduct	*-3.37*
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	12.05
		For >500 To 1,000, Deduct	*-1.21*
		For >1,000 To 2,500, Deduct	*-2.17*
		For >2,500 To 5,000, Deduct	*-3.13*
		For >5,000 To 10,000, Deduct	*-4.10*
		For >10,000, Deduct	*-5.06*
02 41 13 13-0004	SY	>6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	16.07
		For >500 To 1,000, Deduct	*-1.61*
		For >1,000 To 2,500, Deduct	*-2.89*
		For >2,500 To 5,000, Deduct	*-4.18*
		For >5,000 To 10,000, Deduct	*-5.46*
		For >10,000, Deduct	*-6.75*
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	15.42
		For >500 To 1,000, Deduct	*-1.54*
		For >1,000 To 2,500, Deduct	*-2.78*
		For >2,500 To 5,000, Deduct	*-4.01*
		For >5,000 To 10,000, Deduct	*-5.24*
		For >10,000, Deduct	*-6.48*
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	21.78
		For >500 To 1,000, Deduct	*-2.18*
		For >1,000 To 2,500, Deduct	*-3.92*
		For >2,500 To 5,000, Deduct	*-5.66*
		For >5,000 To 10,000, Deduct	*-7.41*
		For >10,000, Deduct	*-9.15*
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	30.86
		For >500 To 1,000, Deduct	*-3.09*
		For >1,000 To 2,500, Deduct	*-5.55*
		For >2,500 To 5,000, Deduct	*-8.02*
		For >5,000 To 10,000, Deduct	*-10.49*
		For >10,000, Deduct	*-12.96*
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	43.56
		For >500 To 1,000, Deduct	*-4.36*
		For >1,000 To 2,500, Deduct	*-7.84*
		For >2,500 To 5,000, Deduct	*-11.33*
		For >5,000 To 10,000, Deduct	*-14.81*
		For >10,000, Deduct	*-18.30*
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	56.96
		For >500 To 1,000, Deduct	*-5.70*
		For >1,000 To 2,500, Deduct	*-10.25*
		For >2,500 To 5,000, Deduct	*-14.81*
		For >5,000 To 10,000, Deduct	*-19.37*
		For >10,000, Deduct	*-23.92*
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	74.06
		For >500 To 1,000, Deduct	*-7.41*
		For >1,000 To 2,500, Deduct	*-13.33*
		For >2,500 To 5,000, Deduct	*-19.26*
		For >5,000 To 10,000, Deduct	*-25.18*
		For >10,000, Deduct	*-31.11*

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0038 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	2.08

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.64	
02 41 13 13-0014	SF	>6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	3.49	
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.61	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	3.31	
02 41 13 13-0017	SF	>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	4.36	

02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	17.22	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.17*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*8.61*	
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000 To 2,500, Deduct	*-3.10*	
		For >2,500 To 5,000, Deduct	*-4.48*	
		For >5,000 To 10,000, Deduct	*-5.85*	
		For >10,000, Deduct	*-7.23*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	23.51	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*7.05*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*11.76*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000 To 2,500, Deduct	*-4.23*	
		For >2,500 To 5,000, Deduct	*-6.11*	
		For >5,000 To 10,000, Deduct	*-7.99*	
		For >10,000, Deduct	*-9.87*	
02 41 13 13-0021	SY	>6" To 9" By Machine, Break-up And Remove Bituminous Paving	32.62	
		For Elevated Slab, Add	*16.31*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000 To 2,500, Deduct	*-5.87*	
		For >2,500 To 5,000, Deduct	*-8.48*	
		For >5,000 To 10,000, Deduct	*-11.09*	
		For >10,000, Deduct	*-13.70*	
02 41 13 13-0022	SY	>9" To 12" By Machine, Break-up And Remove Bituminous Paving	42.56	
		For Elevated Slab, Add	*21.28*	
		For >500 To 1,000, Deduct	*-4.26*	
		For >1,000 To 2,500, Deduct	*-7.66*	
		For >2,500 To 5,000, Deduct	*-11.07*	
		For >5,000 To 10,000, Deduct	*-14.47*	
		For >10,000, Deduct	*-17.88*	
02 41 13 13-0023	SY	>12" To 15" By Machine, Break-up And Remove Bituminous Paving	59.24	
		For Elevated Slab, Add	*29.62*	
		For >500 To 1,000, Deduct	*-5.92*	
		For >1,000 To 2,500, Deduct	*-10.66*	
		For >2,500 To 5,000, Deduct	*-15.40*	
		For >5,000 To 10,000, Deduct	*-20.14*	
		For >10,000, Deduct	*-24.88*	
02 41 13 13-0024	SY	>15" To 18" By Machine, Break-up And Remove Bituminous Paving	81.46	
		For Elevated Slab, Add	*40.73*	
		For >500 To 1,000, Deduct	*-8.15*	
		For >1,000 To 2,500, Deduct	*-14.66*	
		For >2,500 To 5,000, Deduct	*-21.18*	
		For >5,000 To 10,000, Deduct	*-27.70*	
		For >10,000, Deduct	*-34.21*	
02 41 13 13-0025	SY	Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	19.81	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.94*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*9.91*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000 To 2,500, Deduct	*-3.57*	
		For >2,500 To 5,000, Deduct	*-5.15*	
		For >5,000 To 10,000, Deduct	*-6.74*	
		For >10,000, Deduct	*-8.32*	
02 41 13 13-0026	SY	>3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	25.92	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*7.78*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*12.96*	
		For >500 To 1,000, Deduct	*-2.59*	
		For >1,000 To 2,500, Deduct	*-4.67*	
		For >2,500 To 5,000, Deduct	*-6.74*	
		For >5,000 To 10,000, Deduct	*-8.81*	
		For >10,000, Deduct	*-10.89*	
02 41 13 13-0027	SY	>6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	46.28	
		For Elevated Slab, Add	*23.14*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000 To 2,500, Deduct	*-8.33*	
		For >2,500 To 5,000, Deduct	*-12.03*	
		For >5,000 To 10,000, Deduct	*-15.74*	
		For >10,000, Deduct	*-19.44*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0028	SY	>9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	60.46	
		For Elevated Slab, Add	*30.23*	
		For >500 To 1,000, Deduct	*-6.05*	
		For >1,000 To 2,500, Deduct	*-10.88*	
		For >2,500 To 5,000, Deduct	*-15.72*	
		For >5,000 To 10,000, Deduct	*-20.56*	
		For >10,000, Deduct	*-25.39*	
02 41 13 13-0029	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	26.29	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*7.89*	
		For Elevated Slab, Add	*13.15*	
		For >500 To 1,000, Deduct	*-2.63*	
		For >1,000 To 2,500, Deduct	*-4.73*	
		For >2,500 To 5,000, Deduct	*-6.84*	
		For >5,000 To 10,000, Deduct	*-8.94*	
		For >10,000, Deduct	*-11.04*	
02 41 13 13-0030	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	34.06	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*10.22*	
		For Elevated Slab, Add	*17.03*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000 To 2,500, Deduct	*-6.13*	
		For >2,500 To 5,000, Deduct	*-8.86*	
		For >5,000 To 10,000, Deduct	*-11.58*	
		For >10,000, Deduct	*-14.31*	
02 41 13 13-0031	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	56.46	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*16.94*	
		For Elevated Slab, Add	*28.23*	
		For >500 To 1,000, Deduct	*-5.65*	
		For >1,000 To 2,500, Deduct	*-10.16*	
		For >2,500 To 5,000, Deduct	*-14.68*	
		For >5,000 To 10,000, Deduct	*-19.20*	
		For >10,000, Deduct	*-23.71*	
02 41 13 13-0032	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	28.51	
		For Elevated Slab, Add	*14.26*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000 To 2,500, Deduct	*-5.13*	
		For >2,500 To 5,000, Deduct	*-7.41*	
		For >5,000 To 10,000, Deduct	*-9.69*	
		For >10,000, Deduct	*-11.97*	
02 41 13 13-0033	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	36.66	
		For Elevated Slab, Add	*18.33*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000 To 2,500, Deduct	*-6.60*	
		For >2,500 To 5,000, Deduct	*-9.53*	
		For >5,000 To 10,000, Deduct	*-12.46*	
		For >10,000, Deduct	*-15.40*	
02 41 13 13-0034	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	65.54	
		For Elevated Slab, Add	*32.77*	
		For >500 To 1,000, Deduct	*-6.55*	
		For >1,000 To 2,500, Deduct	*-11.80*	
		For >2,500 To 5,000, Deduct	*-17.04*	
		For >5,000 To 10,000, Deduct	*-22.28*	
		For >10,000, Deduct	*-27.53*	
02 41 13 13-0035	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	85.53	
		For Elevated Slab, Add	*42.77*	
		For >500 To 1,000, Deduct	*-8.55*	
		For >1,000 To 2,500, Deduct	*-15.40*	
		For >2,500 To 5,000, Deduct	*-22.24*	
		For >5,000 To 10,000, Deduct	*-29.08*	
		For >10,000, Deduct	*-35.92*	
02 41 13 13-0036	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	111.82	
		For Elevated Slab, Add	*55.91*	
		For >500 To 1,000, Deduct	*-11.18*	
		For >1,000 To 2,500, Deduct	*-20.13*	
		For >2,500 To 5,000, Deduct	*-29.07*	
		For >5,000 To 10,000, Deduct	*-38.02*	
		For >10,000, Deduct	*-46.96*	
02 41 13 13-0037	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	135.71	
		For Elevated Slab, Add	*67.86*	
		For >500 To 1,000, Deduct	*-13.57*	
		For >1,000 To 2,500, Deduct	*-24.43*	
		For >2,500 To 5,000, Deduct	*-35.28*	
		For >5,000 To 10,000, Deduct	*-46.14*	
		For >10,000, Deduct	*-57.00*	

02 41 13 13-0038 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 13 13-0039	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	4.64	
02 41 13 13-0040	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	6.11	
02 41 13 13-0041	SF	>6" To 9" By Hand, Break-up And Remove Bituminous Paving	7.95	
02 41 13 13-0042	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	5.80	
02 41 13 13-0043	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	8.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0044	SF	>6" To 9" By Hand, Break-up And Remove Concrete Paving	10.27	
02 41 13 13-0045	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	8.13	
02 41 13 13-0046	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	11.22	
02 41 13 13-0047	SF	>6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	14.37	

02 41 13 13-0048 Grind Concrete *(02 41 13 13)*

02 41 13 13-0049	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	229.51	
		For >1/2" To 1" Depth Of Grinding, Add		*34.43*
		For >1" To 1-1/2" Depth Of Grinding, Add		*57.38*
		For Up To 5, Add		*45.90*
		For >5 To 10, Add		*22.95*
		For >25 To 50, Deduct		*-22.95*
		For >50 To 250, Deduct		*-34.43*
		For >250, Deduct		*-45.90*
		For Sidewalks >5', Add		*22.95*
		For Up To 12" Additional Feathering Per Side, Add		*22.95*

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	8.84
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	11.06
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	14.78
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	29.43

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	8.87
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	13.42
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	10.97
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.76

02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site cleanup, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

02 41 16 13-0007 Steel Framed Building Demolition *(02 41 16 13-0006)*

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition	81.61	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-6.12*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-12.24*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-18.36*
		For Up To 500, Add		*24.48*
		For >500 To 1,000, Add		*16.32*
		For >1,000 To 2,000, Add		*8.16*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*26.93*
		For No Interior Partitions, Deduct		*-20.40*
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition	50.87	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.82*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-7.63*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-11.45*
		For Up To 500, Add		*15.26*
		For >500 To 1,000, Add		*10.17*
		For >1,000 To 2,000, Add		*5.09*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*7.63*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*12.72*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*17.80*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*16.79*
		For No Interior Partitions, Deduct		*-12.72*

02 41 16 13-0010 Reinforced Concrete Building Demolition *(02 41 16 13-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0011	CCF	By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	102.42	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-7.68*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-15.36*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-23.04*	
		For Up To 500, Add	*30.73*	
		For >500 To 1,000, Add	*20.48*	
		For >1,000 To 2,000, Add	*10.24*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*33.80*	
		For No Interior Partitions, Deduct	*-25.61*	
02 41 16 13-0012	CCF	By Machine, Reinforced Concrete Building Demolition	67.16	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-5.04*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-10.07*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-15.11*	
		For Up To 500, Add	*20.15*	
		For >500 To 1,000, Add	*13.43*	
		For >1,000 To 2,000, Add	*6.72*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*10.07*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*16.79*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*23.51*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*22.16*	
		For No Interior Partitions, Deduct	*-16.79*	

02 41 16 13-0013 Reinforced Block Masonry Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0014	CCF	By Pneumatic Tools/Hand, Reinforced Block Masonry Building Demolition	87.19	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-6.54*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-13.08*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-19.62*	
		For Up To 500, Add	*26.16*	
		For >500 To 1,000, Add	*17.44*	
		For >1,000 To 2,000, Add	*8.72*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*28.77*	
		For No Interior Partitions, Deduct	*-21.80*	
02 41 16 13-0015	CCF	By Machine, Reinforced Block Masonry Building Demolition	56.39	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-4.23*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-8.46*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-12.69*	
		For Up To 500, Add	*16.92*	
		For >500 To 1,000, Add	*11.28*	
		For >1,000 To 2,000, Add	*5.64*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*8.46*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*14.10*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*19.74*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*18.61*	
		For No Interior Partitions, Deduct	*-14.10*	

02 41 16 13-0016 Masonry Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0017	CCF	By Pneumatic Tools/Hand, Masonry Construction Building Demolition	71.97	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-5.40*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-10.80*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-16.19*	
		For Up To 500, Add	*21.59*	
		For >500 To 1,000, Add	*14.39*	
		For >1,000 To 2,000, Add	*7.20*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*23.75*	
		For No Interior Partitions, Deduct	*-17.99*	
02 41 16 13-0018	CCF	By Machine, Masonry Construction Building Demolition	45.63	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.42*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-6.84*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-10.27*	
		For Up To 500, Add	*13.69*	
		For >500 To 1,000, Add	*9.13*	
		For >1,000 To 2,000, Add	*4.56*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*6.84*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*11.41*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*15.97*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*15.06*	
		For No Interior Partitions, Deduct	*-11.41*	

02 41 16 13-0019 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0020	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	62.55	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-4.69*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-9.38*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-14.07*	
		For Up To 500, Add	*18.77*	
		For >500 To 1,000, Add	*12.51*	
		For >1,000 To 2,000, Add	*6.26*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*20.64*	
		For No Interior Partitions, Deduct	*-15.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0021	CCF	By Machine, Wood Frame Construction Building Demolition	39.05	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-2.93*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-5.86*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-8.79*	
		For Up To 500, Add	*11.72*	
		For >500 To 1,000, Add	*7.81*	
		For >1,000 To 2,000, Add	*3.91*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*5.86*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*12.89*	
		For No Interior Partitions, Deduct	*-9.76*	
02 41 16 13-0022		Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*		
		Note: Per building volume.		
02 41 16 13-0023	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off	11.51	
		For Up To 500, Add	*3.45*	
		For >500 To 1,000, Add	*2.30*	
		For >1,000 To 2,000, Add	*1.15*	
02 41 16 13-0024		Foundation Demolition *(02 41 16 13)*		
		Note: Excludes earthwork.		
02 41 16 13-0025		Concrete Foundation Demolition *(02 41 16 13-0024)*		
02 41 16 13-0026	CF	Non-Reinforced Concrete Foundation Demolition	17.29	
		For >135 To 405, Deduct	*-1.51*	
		For >405 To 810, Deduct	*-3.03*	
		For >810 To 2025, Deduct	*-4.32*	
		For >2025, Deduct	*-6.92*	
02 41 16 13-0027	CF	Reinforced Concrete Foundation Demolition	20.75	
		For >135 To 405, Deduct	*-1.82*	
		For >405 To 810, Deduct	*-3.63*	
		For >810 To 2025, Deduct	*-5.19*	
		For >2025, Deduct	*-8.30*	
02 41 16 13-0028		Concrete Foundation Wall Demolition *(02 41 16 13-0024)*		
02 41 16 13-0029	SF	4" Thick Non-Reinforced Concrete Foundation Wall Demolition	7.41	
		For >500 To 2,000, Deduct	*-0.56*	
		For >2,000 To 6,000, Deduct	*-1.48*	
		For >6,000 To 8,000, Deduct	*-2.59*	
		For >8,000, Deduct	*-4.08*	
02 41 16 13-0030	SF	6" Thick Non-Reinforced Concrete Foundation Wall Demolition	9.88	
		For >500 To 2,000, Deduct	*-0.74*	
		For >2,000 To 6,000, Deduct	*-1.98*	
		For >6,000 To 8,000, Deduct	*-3.46*	
		For >8,000, Deduct	*-5.43*	
02 41 16 13-0031	SF	8" Thick Non-Reinforced Concrete Foundation Wall Demolition	12.35	
		For >500 To 2,000, Deduct	*-0.93*	
		For >2,000 To 6,000, Deduct	*-2.47*	
		For >6,000 To 8,000, Deduct	*-4.32*	
		For >8,000, Deduct	*-6.79*	
02 41 16 13-0032	SF	10" Thick Non-Reinforced Concrete Foundation Wall Demolition	14.83	
		For >500 To 2,000, Deduct	*-1.11*	
		For >2,000 To 6,000, Deduct	*-2.97*	
		For >6,000 To 8,000, Deduct	*-5.19*	
		For >8,000, Deduct	*-8.16*	
02 41 16 13-0033	SF	12" Thick Non-Reinforced Concrete Foundation Wall Demolition	17.29	
		For >500 To 2,000, Deduct	*-1.30*	
		For >2,000 To 6,000, Deduct	*-3.46*	
		For >6,000 To 8,000, Deduct	*-6.05*	
		For >8,000, Deduct	*-9.51*	
02 41 16 13-0034	SF	16" Thick Non-Reinforced Concrete Foundation Wall Demolition	19.77	
		For >500 To 2,000, Deduct	*-1.48*	
		For >2,000 To 6,000, Deduct	*-3.95*	
		For >6,000 To 8,000, Deduct	*-6.92*	
		For >8,000, Deduct	*-10.87*	
02 41 16 13-0035	SF	4" Thick Reinforced Concrete Foundation Wall Demolition	8.90	
		For >500 To 2,000, Deduct	*-0.67*	
		For >2,000 To 6,000, Deduct	*-1.78*	
		For >6,000 To 8,000, Deduct	*-3.12*	
		For >8,000, Deduct	*-4.90*	
02 41 16 13-0036	SF	6" Thick Reinforced Concrete Foundation Wall Demolition	11.86	
		For >500 To 2,000, Deduct	*-0.89*	
		For >2,000 To 6,000, Deduct	*-2.37*	
		For >6,000 To 8,000, Deduct	*-4.15*	
		For >8,000, Deduct	*-6.52*	
02 41 16 13-0037	SF	8" Thick Reinforced Concrete Foundation Wall Demolition	14.83	
		For >500 To 2,000, Deduct	*-1.11*	
		For >2,000 To 6,000, Deduct	*-2.97*	
		For >6,000 To 8,000, Deduct	*-5.19*	
		For >8,000, Deduct	*-8.16*	
02 41 16 13-0038	SF	10" Thick Reinforced Concrete Foundation Wall Demolition	17.54	
		For >500 To 2,000, Deduct	*-1.32*	
		For >2,000 To 6,000, Deduct	*-3.51*	
		For >6,000 To 8,000, Deduct	*-6.14*	
		For >8,000, Deduct	*-9.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0039	SF	12" Thick Reinforced Concrete Foundation Wall Demolition		20.75
		For >500 To 2,000, Deduct		*-1.56*
		For >2,000 To 6,000, Deduct		*-4.15*
		For >6,000 To 8,000, Deduct		*-7.26*
		For >8,000, Deduct		*-11.41*
02 41 16 13-0040	SF	16" Thick Reinforced Concrete Foundation Wall Demolition		23.72
		For >500 To 2,000, Deduct		*-1.78*
		For >2,000 To 6,000, Deduct		*-4.74*
		For >6,000 To 8,000, Deduct		*-8.30*
		For >8,000, Deduct		*-13.05*
02 41 16 13-0041		**Concrete Block Foundation Wall Demolition** *(02 41 16 13-0024)*		
02 41 16 13-0042	SF	4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		5.44
		For >500 To 2,000, Deduct		*-0.41*
		For >2,000 To 6,000, Deduct		*-1.09*
		For >6,000 To 8,000, Deduct		*-1.90*
		For >8,000, Deduct		*-2.99*
02 41 16 13-0043	SF	6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		5.81
		For >500 To 2,000, Deduct		*-0.44*
		For >2,000 To 6,000, Deduct		*-1.16*
		For >6,000 To 8,000, Deduct		*-2.03*
		For >8,000, Deduct		*-3.20*
02 41 16 13-0044	SF	8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		6.55
		For >500 To 2,000, Deduct		*-0.49*
		For >2,000 To 6,000, Deduct		*-1.31*
		For >6,000 To 8,000, Deduct		*-2.29*
		For >8,000, Deduct		*-3.60*
02 41 16 13-0045	SF	10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		7.54
		For >500 To 2,000, Deduct		*-0.57*
		For >2,000 To 6,000, Deduct		*-1.51*
		For >6,000 To 8,000, Deduct		*-2.64*
		For >8,000, Deduct		*-4.15*
02 41 16 13-0046	SF	12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		8.40
		For >500 To 2,000, Deduct		*-0.63*
		For >2,000 To 6,000, Deduct		*-1.68*
		For >6,000 To 8,000, Deduct		*-2.94*
		For >8,000, Deduct		*-4.62*
02 41 16 13-0047	SF	16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		10.50
		For >500 To 2,000, Deduct		*-0.79*
		For >2,000 To 6,000, Deduct		*-2.10*
		For >6,000 To 8,000, Deduct		*-3.68*
		For >8,000, Deduct		*-5.78*
02 41 16 13-0048	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		6.52
		For >500 To 2,000, Deduct		*-0.49*
		For >2,000 To 6,000, Deduct		*-1.30*
		For >6,000 To 8,000, Deduct		*-2.28*
		For >8,000, Deduct		*-3.59*
02 41 16 13-0049	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		6.97
		For >500 To 2,000, Deduct		*-0.52*
		For >2,000 To 6,000, Deduct		*-1.39*
		For >6,000 To 8,000, Deduct		*-2.44*
		For >8,000, Deduct		*-3.83*
02 41 16 13-0050	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		7.86
		For >500 To 2,000, Deduct		*-0.59*
		For >2,000 To 6,000, Deduct		*-1.57*
		For >6,000 To 8,000, Deduct		*-2.75*
		For >8,000, Deduct		*-4.32*
02 41 16 13-0051	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		9.04
		For >500 To 2,000, Deduct		*-0.68*
		For >2,000 To 6,000, Deduct		*-1.81*
		For >6,000 To 8,000, Deduct		*-3.16*
		For >8,000, Deduct		*-4.97*
02 41 16 13-0052	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		10.08
		For >500 To 2,000, Deduct		*-0.76*
		For >2,000 To 6,000, Deduct		*-2.02*
		For >6,000 To 8,000, Deduct		*-3.53*
		For >8,000, Deduct		*-5.54*
02 41 16 13-0053	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		12.60
		For >500 To 2,000, Deduct		*-0.95*
		For >2,000 To 6,000, Deduct		*-2.52*
		For >6,000 To 8,000, Deduct		*-4.41*
		For >8,000, Deduct		*-6.93*
02 41 16 13-0054		**Brick Foundation Wall Demolition** *(02 41 16 13-0024)*		
02 41 16 13-0055	SF	4" Thick Brick Foundation Wall Demolition		5.44
		For >500 To 2,000, Deduct		*-0.41*
		For >2,000 To 6,000, Deduct		*-1.09*
		For >6,000 To 8,000, Deduct		*-1.90*
		For >8,000, Deduct		*-2.99*
02 41 16 13-0056	SF	6" Thick Brick Foundation Wall Demolition		5.81
		For >500 To 2,000, Deduct		*-0.44*
		For >2,000 To 6,000, Deduct		*-1.16*
		For >6,000 To 8,000, Deduct		*-2.03*
		For >8,000, Deduct		*-3.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0057	SF	8" Thick Brick Foundation Wall Demolition	6.55	
		For >500 To 2,000, Deduct	*-0.49*	
		For >2,000 To 6,000, Deduct	*-1.31*	
		For >6,000 To 8,000, Deduct	*-2.29*	
		For >8,000, Deduct	*-3.60*	
02 41 16 13-0058	SF	10" Thick Brick Foundation Wall Demolition	7.54	
		For >500 To 2,000, Deduct	*-0.57*	
		For >2,000 To 6,000, Deduct	*-1.51*	
		For >6,000 To 8,000, Deduct	*-2.64*	
		For >8,000, Deduct	*-4.15*	
02 41 16 13-0059	SF	12" Thick Brick Foundation Wall Demolition	8.40	
		For >500 To 2,000, Deduct	*-0.63*	
		For >2,000 To 6,000, Deduct	*-1.68*	
		For >6,000 To 8,000, Deduct	*-2.94*	
		For >8,000, Deduct	*-4.62*	
02 41 16 13-0060	SF	16" Thick Brick Foundation Wall Demolition	10.50	
		For >500 To 2,000, Deduct	*-0.79*	
		For >2,000 To 6,000, Deduct	*-2.10*	
		For >6,000 To 8,000, Deduct	*-3.68*	
		For >8,000, Deduct	*-5.78*	

02 41 16 13-0061 Stone Foundation Demolition *(02 41 16 13-0024)*

02 41 16 13-0062	CF	Stone Footing Or Foundation Wall Demolition	17.29	
		For >135 To 405, Deduct	*-1.51*	
		For >405 To 810, Deduct	*-3.03*	
		For >810 To 2025, Deduct	*-4.32*	
		For >2025, Deduct	*-6.92*	

02 41 16 13-0063 Other Foundation Demolition *(02 41 16 13-0024)*

02 41 16 13-0064	CF	Concrete Footing Demolition For Fence, Gate Or Playground Equipment Post, etc. Note: Includes excavation.	17.84	
		For >135 To 405, Deduct	*-1.56*	
		For >405 To 810, Deduct	*-3.12*	
		For >810 To 2025, Deduct	*-4.46*	
		For >2025, Deduct	*-7.14*	

02 41 19 Selective Demolition *(02 41)*

02 41 19 13 Selective Building Demolition *(02 41 19)*

02 41 19 13-0001 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0001)*

02 41 19 13-0003	VLF	8" x 8" Masonry Column Removal	17.54	
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal	27.40	
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal	35.10	
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal	43.94	
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal	53.97	
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	30.31	

02 41 19 13-0009 Masonry Chimney Removal *(02 41 19 13-0001)*

02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	35.55	
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	26.70	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	20.42	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	14.15	

02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0001)*

Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	21.53	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	32.26	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	61.78	

02 41 19 13-0018 Facade Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal	6.67	
		For Cleaning and Storage For Reuse, Add	*10.01*	

02 41 19 13-0020 Exterior Masonry Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 19 13-0021	SF	Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.88	
02 41 19 13-0022	SF	Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.62	
02 41 19 13-0023	SF	Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	8.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0024	SF	Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall		8.75
02 41 19 13-0025	SF	Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall		9.61
02 41 19 13-0026	SF	Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall		12.03
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall		6.94
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall		7.94
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall		9.61
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall		10.50
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall		11.54
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall		14.42
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall		5.88
		For Cleaning and Storage For Reuse, Add		*8.82*
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall		6.62
		For Cleaning and Storage For Reuse, Add		*9.93*
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall		8.01
		For Cleaning and Storage For Reuse, Add		*12.02*
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall		8.75
		For Cleaning and Storage For Reuse, Add		*13.13*
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall		9.61
		For Cleaning and Storage For Reuse, Add		*14.42*
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall		12.03
		For Cleaning and Storage For Reuse, Add		*18.05*
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal		17.09
		For Cleaning and Storage For Reuse, Add		*25.64*

02 41 19 13-0040 Lintel Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 19 13-0041	LF	Demolish Steel Lintel	13.45
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	17.94
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	14.20

02 41 19 13-0044 Reinstall Lintel *(02 41 19 13-0001)*

Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	7.81
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	17.94
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.	48.92
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	19.94
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	81.99
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	143.26

02 41 19 13-0051 Exterior Concrete Wall Removal *(02 41 19 13)*

02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	7.69
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	13.96
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	17.54
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	20.69
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	24.46

02 41 19 13-0057 Elevated Concrete Removal *(02 41 19 13)*

02 41 19 13-0058	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	14.92

02 41 19 13-0059 Saw Cutting *(02 41 19 13)*

Note: Includes blade wear, water, taping off area, layout, cleanup and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

02 41 19 13-0060	EA	Minimum Charge For Saw Cut Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,218.87
02 41 19 13-0061	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.74
		For Each Additional Pass (Depth To 3"), Add	*1.05*
		For >250, Deduct	*-0.26*
02 41 19 13-0062	LF	Brick Masonry Up To 4" Depth, Saw Cut	10.12
		For Each Additional Pass (Depth To 3"), Add	*3.99*
		For >250, Deduct	*-0.99*
02 41 19 13-0063	LF	Concrete Block Up To 4" Depth, Saw Cut	9.16
		For Each Additional Pass (Depth To 3"), Add	*3.61*
		For >250, Deduct	*-0.90*
02 41 19 13-0064	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	3.16
		For Each Additional Pass (Depth To 3"), Add	*1.20*
		For >250, Deduct	*-0.30*
02 41 19 13-0065	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	4.16
		For Each Additional Pass (Depth To 3"), Add	*1.59*
		For >250, Deduct	*-0.39*
02 41 19 13-0066	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	6.82
		For Each Additional Pass (Depth To 3"), Add	*2.65*
		For >250, Deduct	*-0.66*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0067	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	12.93	
		For Each Additional Pass (Depth To 3"), Add	*5.11*	
		For >250, Deduct	*-1.27*	
02 41 19 13-0068	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	17.37	
		For Each Additional Pass (Depth To 3"), Add	*6.87*	
		For >250, Deduct	*-1.71*	
02 41 19 13-0069	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	3.42	
		For Each Additional Pass (Depth To 3"), Add	*1.24*	
		For >250, Deduct	*-0.30*	
02 41 19 13-0070	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	9.20	
		For Each Additional Pass (Depth To 3"), Add	*3.62*	
		For >250, Deduct	*-0.90*	
02 41 19 13-0071	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	9.20	
		For Each Additional Pass (Depth To 3"), Add	*3.62*	
		For >250, Deduct	*-0.90*	
02 41 19 13-0072	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	9.20	
		For Each Additional Pass (Depth To 3"), Add	*3.62*	
		For >250, Deduct	*-0.90*	
02 41 19 13-0073	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	9.20	
		For Each Additional Pass (Depth To 3"), Add	*3.62*	
		For >250, Deduct	*-0.90*	

02 41 19 13-0074 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

02 41 19 13-0075	LF	Up To 1/2", Torch Cut Steel Plate	3.19	
02 41 19 13-0076	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	6.39	
02 41 19 13-0077	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	9.58	
02 41 19 13-0078	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	12.77	
02 41 19 13-0079	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	15.98	
02 41 19 13-0080	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	19.17	
02 41 19 13-0081	EA	Minimum Charge For Torch Cutting	1,047.30	

Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 41 19 13-0082 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and cleanup.

02 41 19 13-0083 Concrete Core Drilling *(02 41 19 13-0082)*

02 41 19 13-0084 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0085	EA	Drill 1" Diameter Core In Up To 4" Concrete	48.98	
		For Horizontal Cores, Add	*9.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.39*	
02 41 19 13-0086	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	54.35	
		For Horizontal Cores, Add	*10.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.54*	
02 41 19 13-0087	EA	Drill 2" Diameter Core In Up To 4" Concrete	60.35	
		For Horizontal Cores, Add	*11.97*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.94*	
02 41 19 13-0088	EA	Drill 3" Diameter Core In Up To 4" Concrete	86.17	
		For Horizontal Cores, Add	*17.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.19*	
02 41 19 13-0089	EA	Drill 4" Diameter Core In Up To 4" Concrete	115.48	
		For Horizontal Cores, Add	*22.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.82*	
02 41 19 13-0090	EA	Drill 6" Diameter Core In Up To 4" Concrete	129.39	
		For Horizontal Cores, Add	*25.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.29*	
02 41 19 13-0091	EA	Drill 8" Diameter Core In Up To 4" Concrete	206.78	
		For Horizontal Cores, Add	*41.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.07*	
02 41 19 13-0092	EA	Drill 10" Diameter Core In Up To 4" Concrete	258.65	
		For Horizontal Cores, Add	*51.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*102.58*	
02 41 19 13-0093	EA	Drill 12" Diameter Core In Up To 4" Concrete	301.83	
		For Horizontal Cores, Add	*59.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*119.68*	
02 41 19 13-0094	EA	Drill 14" Diameter Core In Up To 4" Concrete	345.03	
		For Horizontal Cores, Add	*68.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.76*	
02 41 19 13-0095	EA	Drill 18" Diameter Core In Up To 4" Concrete	388.64	
		For Horizontal Cores, Add	*76.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*153.85*	

02 41 19 13-0096 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0097	EA	Drill 1" Diameter Core In >4" To 6" Concrete	70.02	
		For Horizontal Cores, Add	*13.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.69*	
02 41 19 13-0098	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	77.71	
		For Horizontal Cores, Add	*15.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.77*	
02 41 19 13-0099	EA	Drill 2" Diameter Core In >4" To 6" Concrete	86.26	
		For Horizontal Cores, Add	*17.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0100	EA	Drill 3" Diameter Core In >4" To 6" Concrete	103.66	
		For Horizontal Cores, Add	*20.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.03*	
02 41 19 13-0101	EA	Drill 4" Diameter Core In >4" To 6" Concrete	129.65	
		For Horizontal Cores, Add	*25.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.29*	
02 41 19 13-0102	EA	Drill 6" Diameter Core In >4" To 6" Concrete	172.75	
		For Horizontal Cores, Add	*34.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.39*	
02 41 19 13-0103	EA	Drill 8" Diameter Core In >4" To 6" Concrete	258.89	
		For Horizontal Cores, Add	*51.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*102.58*	
02 41 19 13-0104	EA	Drill 10" Diameter Core In >4" To 6" Concrete	302.48	
		For Horizontal Cores, Add	*59.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*119.68*	
02 41 19 13-0105	EA	Drill 12" Diameter Core In >4" To 6" Concrete	345.83	
		For Horizontal Cores, Add	*68.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.76*	
02 41 19 13-0106	EA	Drill 14" Diameter Core In >4" To 6" Concrete	389.39	
		For Horizontal Cores, Add	*76.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*153.85*	
02 41 19 13-0107	EA	Drill 18" Diameter Core In >4" To 6" Concrete	433.58	
		For Horizontal Cores, Add	*85.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*170.96*	

02 41 19 13-0108 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0109	EA	Drill 1" Diameter Core In >6" To 8" Concrete	77.24	
		For Horizontal Cores, Add	*15.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.47*	
02 41 19 13-0110	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	85.70	
		For Horizontal Cores, Add	*16.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.85*	
02 41 19 13-0111	EA	Drill 2" Diameter Core In >6" To 8" Concrete	95.10	
		For Horizontal Cores, Add	*18.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.61*	
02 41 19 13-0112	EA	Drill 3" Diameter Core In >6" To 8" Concrete	112.60	
		For Horizontal Cores, Add	*22.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.45*	
02 41 19 13-0113	EA	Drill 4" Diameter Core In >6" To 8" Concrete	147.24	
		For Horizontal Cores, Add	*29.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*58.13*	
02 41 19 13-0114	EA	Drill 6" Diameter Core In >6" To 8" Concrete	207.56	
		For Horizontal Cores, Add	*41.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.07*	
02 41 19 13-0115	EA	Drill 8" Diameter Core In >6" To 8" Concrete	345.16	
		For Horizontal Cores, Add	*68.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.76*	
02 41 19 13-0116	EA	Drill 10" Diameter Core In >6" To 8" Concrete	388.98	
		For Horizontal Cores, Add	*76.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*153.85*	
02 41 19 13-0117	EA	Drill 12" Diameter Core In >6" To 8" Concrete	432.63	
		For Horizontal Cores, Add	*85.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*170.96*	
02 41 19 13-0118	EA	Drill 14" Diameter Core In >6" To 8" Concrete	476.48	
		For Horizontal Cores, Add	*94.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*188.03*	
02 41 19 13-0119	EA	Drill 18" Diameter Core In >6" To 8" Concrete	521.25	
		For Horizontal Cores, Add	*102.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*205.16*	

02 41 19 13-0120 >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0121	EA	Drill 1" Diameter Core In >8" To 10" Concrete	91.36	
		For Horizontal Cores, Add	*18.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.00*	
02 41 19 13-0122	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	101.36	
		For Horizontal Cores, Add	*20.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.00*	
02 41 19 13-0123	EA	Drill 2" Diameter Core In >8" To 10" Concrete	112.47	
		For Horizontal Cores, Add	*22.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.45*	
02 41 19 13-0124	EA	Drill 3" Diameter Core In >8" To 10" Concrete	130.08	
		For Horizontal Cores, Add	*25.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.29*	
02 41 19 13-0125	EA	Drill 4" Diameter Core In >8" To 10" Concrete	147.74	
		For Horizontal Cores, Add	*29.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*58.13*	
02 41 19 13-0126	EA	Drill 6" Diameter Core In >8" To 10" Concrete	208.17	
		For Horizontal Cores, Add	*41.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.07*	
02 41 19 13-0127	EA	Drill 8" Diameter Core In >8" To 10" Concrete	345.98	
		For Horizontal Cores, Add	*68.38*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.76*	
02 41 19 13-0128	EA	Drill 10" Diameter Core In >8" To 10" Concrete	390.07	
		For Horizontal Cores, Add	*76.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*153.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0129	EA	Drill 12" Diameter Core In >8" To 10" Concrete	433.85	
		For Horizontal Cores, Add	*85.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*170.93*	
02 41 19 13-0130	EA	Drill 14" Diameter Core In >8" To 10" Concrete	478.13	
		For Horizontal Cores, Add	*94.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*188.03*	
02 41 19 13-0131	EA	Drill 18" Diameter Core In >8" To 10" Concrete	523.28	
		For Horizontal Cores, Add	*102.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*205.11*	

02 41 19 13-0132 >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0133	EA	Drill 1" Diameter Core In >10" To 12" Concrete	98.57	
		For Horizontal Cores, Add	*19.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.78*	
02 41 19 13-0134	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	109.35	
		For Horizontal Cores, Add	*21.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*43.09*	
02 41 19 13-0135	EA	Drill 2" Diameter Core In >10" To 12" Concrete	121.31	
		For Horizontal Cores, Add	*23.94*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.87*	
02 41 19 13-0136	EA	Drill 3" Diameter Core In >10" To 12" Concrete	130.47	
		For Horizontal Cores, Add	*25.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.29*	
02 41 19 13-0137	EA	Drill 4" Diameter Core In >10" To 12" Concrete	173.89	
		For Horizontal Cores, Add	*34.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.39*	
02 41 19 13-0138	EA	Drill 6" Diameter Core In >10" To 12" Concrete	225.87	
		For Horizontal Cores, Add	*44.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*88.91*	
02 41 19 13-0139	EA	Drill 8" Diameter Core In >10" To 12" Concrete	363.92	
		For Horizontal Cores, Add	*71.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.61*	
02 41 19 13-0140	EA	Drill 10" Diameter Core In >10" To 12" Concrete	391.15	
		For Horizontal Cores, Add	*76.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*153.85*	
02 41 19 13-0141	EA	Drill 12" Diameter Core In >10" To 12" Concrete	452.37	
		For Horizontal Cores, Add	*88.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*177.82*	

02 41 19 13-0142 >12" Thick Concrete Core Drilling *(02 41 19 13-0083)*

02 41 19 13-0143	IN	Drill 1" Diameter Core In >12" Concrete	11.99	
		For Horizontal Cores, Add	*2.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.74*	
02 41 19 13-0144	IN	Drill 1-1/2" Diameter Core In >12" Concrete	13.31	
		For Horizontal Cores, Add	*2.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.27*	
02 41 19 13-0145	IN	Drill 2" Diameter Core In >12" Concrete	14.78	
		For Horizontal Cores, Add	*2.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.86*	
02 41 19 13-0146	IN	Drill 3" Diameter Core In >12" Concrete	16.21	
		For Horizontal Cores, Add	*3.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.41*	
02 41 19 13-0147	IN	Drill 4" Diameter Core In >12" Concrete	21.60	
		For Horizontal Cores, Add	*4.27*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.54*	
02 41 19 13-0148	IN	Drill 6" Diameter Core In >12" Concrete	28.10	
		For Horizontal Cores, Add	*5.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.12*	
02 41 19 13-0149	IN	Drill 8" Diameter Core In >12" Concrete	45.33	
		For Horizontal Cores, Add	*8.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.97*	
02 41 19 13-0150	IN	Drill 10" Diameter Core In >12" Concrete	48.82	
		For Horizontal Cores, Add	*9.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.31*	
02 41 19 13-0151	IN	Drill 12" Diameter Core In >12" Concrete	56.25	
		For Horizontal Cores, Add	*11.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.24*	

02 41 19 13-0152 Brick/Concrete Block Core Drilling *(02 41 19 13-0082)*

02 41 19 13-0153 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0154	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	39.29	
		For Horizontal Cores, Add	*7.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.51*	
02 41 19 13-0155	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	43.58	
		For Horizontal Cores, Add	*8.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.23*	
02 41 19 13-0156	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	48.38	
		For Horizontal Cores, Add	*9.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.15*	
02 41 19 13-0157	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	69.08	
		For Horizontal Cores, Add	*13.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0158	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	92.57	
		For Horizontal Cores, Add	*18.33*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.66*	
02 41 19 13-0159	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	103.75	
		For Horizontal Cores, Add	*20.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.03*	
02 41 19 13-0160	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	165.74	
		For Horizontal Cores, Add	*32.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*65.66*	
02 41 19 13-0161	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	207.36	
		For Horizontal Cores, Add	*41.03*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.07*	
02 41 19 13-0162	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	241.99	
		For Horizontal Cores, Add	*47.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.75*	
02 41 19 13-0163	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	276.65	
		For Horizontal Cores, Add	*54.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.41*	
02 41 19 13-0164	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	311.72	
		For Horizontal Cores, Add	*61.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*123.08*	

02 41 19 13-0165 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0166	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	56.18	
		For Horizontal Cores, Add	*11.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.16*	
02 41 19 13-0167	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	62.32	
		For Horizontal Cores, Add	*12.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.61*	
02 41 19 13-0168	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	69.16	
		For Horizontal Cores, Add	*13.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.35*	
02 41 19 13-0169	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	83.14	
		For Horizontal Cores, Add	*16.41*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.82*	
02 41 19 13-0170	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	104.01	
		For Horizontal Cores, Add	*20.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.03*	
02 41 19 13-0171	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	138.55	
		For Horizontal Cores, Add	*27.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.71*	
02 41 19 13-0172	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	207.60	
		For Horizontal Cores, Add	*41.03*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.07*	
02 41 19 13-0173	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	242.64	
		For Horizontal Cores, Add	*47.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.75*	
02 41 19 13-0174	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	277.45	
		For Horizontal Cores, Add	*54.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.41*	
02 41 19 13-0175	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	312.47	
		For Horizontal Cores, Add	*61.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*123.08*	
02 41 19 13-0176	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	348.10	
		For Horizontal Cores, Add	*68.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.77*	

02 41 19 13-0177 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0178	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	62.01	
		For Horizontal Cores, Add	*12.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.38*	
02 41 19 13-0179	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	68.77	
		For Horizontal Cores, Add	*13.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.08*	
02 41 19 13-0180	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	76.30	
		For Horizontal Cores, Add	*15.05*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.09*	
02 41 19 13-0181	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	90.37	
		For Horizontal Cores, Add	*17.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.56*	
02 41 19 13-0182	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	118.17	
		For Horizontal Cores, Add	*23.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.50*	
02 41 19 13-0183	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	166.52	
		For Horizontal Cores, Add	*32.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*65.66*	
02 41 19 13-0184	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	276.78	
		For Horizontal Cores, Add	*54.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.41*	
02 41 19 13-0185	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	312.06	
		For Horizontal Cores, Add	*61.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*123.08*	
02 41 19 13-0186	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	347.15	
		For Horizontal Cores, Add	*68.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0187	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	382.47	
		For Horizontal Cores, Add	*75.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.42*	
02 41 19 13-0188	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	418.67	
		For Horizontal Cores, Add	*82.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*164.13*	

02 41 19 13-0189 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0190	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	73.36	
		For Horizontal Cores, Add	*14.40*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.80*	
02 41 19 13-0191	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	81.36	
		For Horizontal Cores, Add	*16.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.00*	
02 41 19 13-0192	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	90.25	
		For Horizontal Cores, Add	*17.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.56*	
02 41 19 13-0193	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	104.44	
		For Horizontal Cores, Add	*20.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.03*	
02 41 19 13-0194	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	118.67	
		For Horizontal Cores, Add	*23.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.50*	
02 41 19 13-0195	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	167.13	
		For Horizontal Cores, Add	*32.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*65.66*	
02 41 19 13-0196	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	277.60	
		For Horizontal Cores, Add	*54.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.41*	
02 41 19 13-0197	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	313.15	
		For Horizontal Cores, Add	*61.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*123.08*	
02 41 19 13-0198	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	348.38	
		For Horizontal Cores, Add	*68.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.74*	
02 41 19 13-0199	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	384.12	
		For Horizontal Cores, Add	*75.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.42*	
02 41 19 13-0200	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	420.74	
		For Horizontal Cores, Add	*82.05*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*164.10*	

02 41 19 13-0201 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0202	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	79.18	
		For Horizontal Cores, Add	*15.51*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.02*	
02 41 19 13-0203	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	87.80	
		For Horizontal Cores, Add	*17.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.47*	
02 41 19 13-0204	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	97.38	
		For Horizontal Cores, Add	*19.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.30*	
02 41 19 13-0205	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	104.83	
		For Horizontal Cores, Add	*20.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.03*	
02 41 19 13-0206	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	139.69	
		For Horizontal Cores, Add	*27.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.71*	
02 41 19 13-0207	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	181.41	
		For Horizontal Cores, Add	*35.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.13*	
02 41 19 13-0208	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	292.11	
		For Horizontal Cores, Add	*57.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.89*	
02 41 19 13-0209	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	314.23	
		For Horizontal Cores, Add	*61.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*123.08*	
02 41 19 13-0210	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	363.45	
		For Horizontal Cores, Add	*71.13*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*142.25*	

02 41 19 13-0211 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0212	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	9.62	
		For Horizontal Cores, Add	*1.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.79*	
02 41 19 13-0213	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	10.68	
		For Horizontal Cores, Add	*2.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.22*	
02 41 19 13-0214	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	11.85	
		For Horizontal Cores, Add	*2.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0215	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	13.00	
		For Horizontal Cores, Add	*2.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.12*	
02 41 19 13-0216	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	17.33	
		For Horizontal Cores, Add	*3.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.84*	
02 41 19 13-0217	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	22.54	
		For Horizontal Cores, Add	*4.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.90*	
02 41 19 13-0218	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	36.35	
		For Horizontal Cores, Add	*7.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.38*	
02 41 19 13-0219	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	39.17	
		For Horizontal Cores, Add	*7.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.45*	
02 41 19 13-0220	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	45.13	
		For Horizontal Cores, Add	*8.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.79*	

02 41 19 13-0221 Asphalt Core Drilling *(02 41 19 13-0082)*

02 41 19 13-0222 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0221)*

02 41 19 13-0223	EA	Drill 1" Diameter Core In Up To 2" Asphalt	23.51
02 41 19 13-0224	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	29.39
02 41 19 13-0225	EA	Drill 2" Diameter Core In Up To 2" Asphalt	36.74
02 41 19 13-0226	EA	Drill 3" Diameter Core In Up To 2" Asphalt	45.58
02 41 19 13-0227	EA	Drill 4" Diameter Core In Up To 2" Asphalt	57.35
02 41 19 13-0228	EA	Drill 6" Diameter Core In Up To 2" Asphalt	72.05
02 41 19 13-0229	EA	Drill 8" Diameter Core In Up To 2" Asphalt	89.75
02 41 19 13-0230	EA	Drill 10" Diameter Core In Up To 2" Asphalt	111.76
02 41 19 13-0231	EA	Drill 12" Diameter Core In Up To 2" Asphalt	139.67

02 41 19 13-0232 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0221)*

02 41 19 13-0233	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	29.38
02 41 19 13-0234	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	38.19
02 41 19 13-0235	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	47.00
02 41 19 13-0236	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	58.78
02 41 19 13-0237	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	73.48
02 41 19 13-0238	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	92.59
02 41 19 13-0239	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	114.68
02 41 19 13-0240	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	144.04
02 41 19 13-0241	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	179.28

02 41 19 13-0242 >3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0221)*

02 41 19 13-0243	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	38.20
02 41 19 13-0244	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	48.50
02 41 19 13-0245	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	60.25
02 41 19 13-0246	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	74.97
02 41 19 13-0247	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	94.11
02 41 19 13-0248	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	117.63
02 41 19 13-0249	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	147.11
02 41 19 13-0250	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	183.83
02 41 19 13-0251	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	229.37

02 41 19 13-0252 >4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0221)*

02 41 19 13-0253	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	49.99
02 41 19 13-0254	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	61.77
02 41 19 13-0255	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	76.48
02 41 19 13-0256	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	97.11
02 41 19 13-0257	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	120.69
02 41 19 13-0258	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	150.13
02 41 19 13-0259	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	188.49
02 41 19 13-0260	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	235.50
02 41 19 13-0261	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	294.32

02 41 19 13-0262 Manhole Core Drilling *(02 41 19 13-0082)*

02 41 19 13-0263	EA	Drill 4" Diameter Core In 6" Brick Manhole	257.42
02 41 19 13-0264	EA	Drill 5" Diameter Core In 6" Brick Manhole	294.18
02 41 19 13-0265	EA	Drill 6" Diameter Core In 6" Brick Manhole	343.10
02 41 19 13-0266	EA	Drill 8" Diameter Core In 6" Brick Manhole	514.53
02 41 19 13-0267	EA	Drill 2" Diameter Core In 8" Concrete Manhole	344.91
02 41 19 13-0268	EA	Drill 3" Diameter Core In 8" Concrete Manhole	367.26
02 41 19 13-0269	EA	Drill 4" Diameter Core In 8" Concrete Manhole	404.29
02 41 19 13-0270	EA	Drill 5" Diameter Core In 8" Concrete Manhole	433.79
02 41 19 13-0271	EA	Drill 6" Diameter Core In 8" Concrete Manhole	514.48
02 41 19 13-0272	EA	Drill 8" Diameter Core In 8" Concrete Manhole	734.83
02 41 19 13-0273	EA	Drill 2" Diameter Core In Fiberglass Manhole	34.22
02 41 19 13-0274	EA	Drill 3" Diameter Core In Fiberglass Manhole	39.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0275	EA	Drill 4" Diameter Core In Fiberglass Manhole	42.79	
02 41 19 13-0276	EA	Drill 5" Diameter Core In Fiberglass Manhole	46.68	
02 41 19 13-0277	EA	Drill 6" Diameter Core In Fiberglass Manhole	51.35	
02 41 19 13-0278	EA	Drill 8" Diameter Core In Fiberglass Manhole	57.07	

02 41 19 13-0279 Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0082)*

Note: Includes layout.

02 41 19 13-0280	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.52	
02 41 19 13-0281	IN	5/16" Diameter Drilling In Concrete Per Inch Of Depth	2.67	
02 41 19 13-0282	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.82	
02 41 19 13-0283	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.02	
02 41 19 13-0284	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	3.21	
02 41 19 13-0285	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	3.53	
02 41 19 13-0286	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.82	
02 41 19 13-0287	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	4.01	
02 41 19 13-0288	IN	1-1/8" Diameter Drilling In Concrete Per Inch Of Depth	4.74	
02 41 19 13-0289	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	4.44	
02 41 19 13-0290	IN	1-3/8" Diameter Drilling In Concrete Per Inch Of Depth	4.74	
02 41 19 13-0291	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	5.03	
02 41 19 13-0292	IN	1-3/4" Diameter Drilling In Concrete Per Inch Of Depth	5.57	
02 41 19 13-0293	IN	2" Diameter Drilling In Concrete Per Inch Of Depth	6.49	

02 41 19 13-0294 Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0082)*

Note: Includes layout.

02 41 19 13-0295	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.10	
02 41 19 13-0296	IN	5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.22	
02 41 19 13-0297	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.34	
02 41 19 13-0298	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.52	
02 41 19 13-0299	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.68	
02 41 19 13-0300	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.95	
02 41 19 13-0301	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.18	
02 41 19 13-0302	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.35	
02 41 19 13-0303	IN	1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.53	
02 41 19 13-0304	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.71	
02 41 19 13-0305	IN	1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.95	
02 41 19 13-0306	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.19	
02 41 19 13-0307	IN	1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.68	
02 41 19 13-0308	IN	2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	5.40	

02 41 19 13-0309 Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0082)*

Note: Includes layout.

02 41 19 13-0310	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.04	
02 41 19 13-0311	IN	5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.11	
02 41 19 13-0312	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.17	
02 41 19 13-0313	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0314	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.33	
02 41 19 13-0315	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.46	
02 41 19 13-0316	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.59	
02 41 19 13-0317	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.67	
02 41 19 13-0318	IN	1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.75	
02 41 19 13-0319	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.84	
02 41 19 13-0320	IN	1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.97	
02 41 19 13-0321	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.09	
02 41 19 13-0322	IN	1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.32	
02 41 19 13-0323	IN	2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.70	

02 41 19 13-0324 Limestone Core Drilling *(02 41 19 13-0082)*

02 41 19 13-0325 10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0324)*

02 41 19 13-0326	EA	Drill 1" Diameter Core In 10" To 14" Limestone	73.83	
02 41 19 13-0327	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	88.67	
02 41 19 13-0328	EA	Drill 2" Diameter Core In 10" To 14" Limestone	96.17	
02 41 19 13-0329	EA	Drill 3" Diameter Core In 10" To 14" Limestone	111.23	
02 41 19 13-0330	EA	Drill 4" Diameter Core In 10" To 14" Limestone	126.29	
02 41 19 13-0331	EA	Drill 6" Diameter Core In 10" To 14" Limestone	177.97	
02 41 19 13-0332	EA	Drill 8" Diameter Core In 10" To 14" Limestone	295.90	

02 41 19 13-0333 15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0324)*

02 41 19 13-0334	EA	Drill 1" Diameter Core In 15" To 18" Limestone	81.29	
02 41 19 13-0335	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	96.15	
02 41 19 13-0336	EA	Drill 2" Diameter Core In 15" To 18" Limestone	103.72	
02 41 19 13-0337	EA	Drill 3" Diameter Core In 15" To 18" Limestone	111.54	
02 41 19 13-0338	EA	Drill 4" Diameter Core In 15" To 18" Limestone	148.65	
02 41 19 13-0339	EA	Drill 6" Diameter Core In 15" To 18" Limestone	193.06	
02 41 19 13-0340	EA	Drill 8" Diameter Core In 15" To 18" Limestone	311.31	

02 41 19 13-0341 19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0324)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0342	EA	Drill 1" Diameter Core In 19" To 24" Limestone	88.72	
02 41 19 13-0343	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	103.64	
02 41 19 13-0344	EA	Drill 2" Diameter Core In 19" To 24" Limestone	111.24	
02 41 19 13-0345	EA	Drill 3" Diameter Core In 19" To 24" Limestone	126.42	
02 41 19 13-0346	EA	Drill 4" Diameter Core In 19" To 24" Limestone	178.27	
02 41 19 13-0347	EA	Drill 6" Diameter Core In 19" To 24" Limestone	222.78	
02 41 19 13-0348	EA	Drill 8" Diameter Core In 19" To 24" Limestone	334.04	
02 41 19 13-0349		Minimum Charge For Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0350	EA	Minimum Charge For Core Drill Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	982.71	
02 41 19 13-0351		Cutouts *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0352		Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0351)*		
02 41 19 13-0353	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	58.77	
02 41 19 13-0354	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	62.33	
02 41 19 13-0355	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	65.89	
02 41 19 13-0356	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	69.46	
02 41 19 13-0357	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	71.24	
02 41 19 13-0358		Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0351)* Note: Includes cutting and removing steel decking.		
02 41 19 13-0359	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	71.62	
02 41 19 13-0360	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	75.96	
02 41 19 13-0361	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	80.31	
02 41 19 13-0362	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	84.65	
02 41 19 13-0363	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	86.82	
02 41 19 13-0364		Reinforced Concrete Wall Cutouts *(02 41 19 13-0351)*		
02 41 19 13-0365	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	73.46	
02 41 19 13-0366	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	77.92	
02 41 19 13-0367	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	82.37	
02 41 19 13-0368	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	86.82	
02 41 19 13-0369	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	89.05	
02 41 19 13-0370		Brick Wall Cutouts *(02 41 19 13-0351)* Note: Excludes toothing.		
02 41 19 13-0371	SF	4" Thick Brick Wall Cutouts, <24 SF	22.26	
02 41 19 13-0372	SF	6" Thick Brick Wall Cutouts, <24 SF	36.73	
02 41 19 13-0373	SF	8" Thick Brick Wall Cutouts, <24 SF	51.15	
02 41 19 13-0374	SF	10" Thick Brick Wall Cutouts, <24 SF	62.33	
02 41 19 13-0375	SF	12" Thick Brick Wall Cutouts, <24 SF	74.58	
02 41 19 13-0376	SF	16" Thick Brick Wall Cutouts, <24 SF	87.93	
02 41 19 13-0377		Concrete Block Wall Cutouts *(02 41 19 13-0351)* Note: Excludes toothing.		
02 41 19 13-0378	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	36.82	
02 41 19 13-0379	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	39.00	
02 41 19 13-0380	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	41.18	
02 41 19 13-0381	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	43.41	
02 41 19 13-0382	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	44.52	
02 41 19 13-0383	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	46.75	
02 41 19 13-0384		Limestone Cutouts *(02 41 19 13-0351)*		
02 41 19 13-0385	SF	2" Thick Limestone Cutouts, <24 SF	62.33	
02 41 19 13-0386	SF	4" Thick Limestone Cutouts, <24 SF	75.69	
02 41 19 13-0387	SF	6" Thick Limestone Cutouts, <24 SF	80.14	
02 41 19 13-0388	SF	8" Thick Limestone Cutouts, <24 SF	84.60	
02 41 19 13-0389	SF	10" Thick Limestone Cutouts, <24 SF	89.05	
02 41 19 13-0390	SF	12" Thick Limestone Cutouts, <24 SF	93.50	
02 41 19 13-0391		Toothing Masonry Cutouts *(02 41 19 13-0351)* Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0392	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	22.26	
02 41 19 13-0393	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	30.05	
02 41 19 13-0394	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	13.36	
02 41 19 13-0395	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	17.81	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0396		Minimum Charge For Cutouts *(02 41 19 13-0351)* Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0397	EA	Minimum Charge For Cutouts	445.22	
02 41 19 16		**Selective Interior Demolition** *(02 41 19)* Note: Includes HEPA vacuum for dust control, break-up of material, loading into truck or dumpster and cleanup. Excludes temporary plastic barrier See CSI section 01 56 16 00-0000 for temporary dust barrier.		
02 41 19 16-0001		Floor Removal *(02 41 19 16)*		
02 41 19 16-0002		Scarify Concrete *(02 41 19 16-0001)* Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF	Scarify Concrete Floor	0.31	
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser	2.59	
02 41 19 16-0005	SF	Scarify Concrete Wall	2.35	
02 41 19 16-0006		Fireproofing Removal *(02 41 19 16)*		
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel	1.50	
02 41 19 16-0008		Demolish Ceiling *(02 41 19 16)*		
02 41 19 16-0009	SF	Demolish Drywall Ceiling	1.16	
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling	2.68	
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System	2.05	
02 41 19 16-0012		Demolish Concrete Stair *(02 41 19 16)*		
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs	9.61	
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs	8.03	
02 41 19 16-0015		Demolish Interior Partition/Wall *(02 41 19 16)* Note: Price includes knock down, loading, cleanup.		
02 41 19 16-0016		Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0015)* Note: Includes saw cutting, knock down, loading and cleanup.		
02 41 19 16-0017		Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0018	SF	Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall	6.22	
02 41 19 16-0019	SF	Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall	6.65	
02 41 19 16-0020	SF	Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall	7.49	
02 41 19 16-0021	SF	Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall	9.62	
02 41 19 16-0022	SF	Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall	12.03	
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	7.47	
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	7.99	
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	9.00	
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	11.55	
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	14.43	
02 41 19 16-0028		Demolish Brick Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall	6.22	
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall	7.49	
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall	9.61	
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall	12.03	
02 41 19 16-0033		Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls	5.34	
02 41 19 16-0035		Demolish Concrete Interior Partition/Walls *(02 41 19 16-0016)* See CSI section 02 41 16 13-0024 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall	11.32	
02 41 19 16-0037	SF	Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall	14.15	
02 41 19 16-0038	SF	Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall	19.81	
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall	13.59	
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	17.09	
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	23.77	
02 41 19 16-0042		Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	2.14	
02 41 19 16-0044		Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0015)* Note: Includes knock down, loading and cleanup. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	3.79	
		For Heights >14' To 20', Add		*0.57*
		For Heights >20', Add		*0.76*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	4.43	
		For Heights >14' To 20', Add	*0.66*	
		For Heights >20', Add	*0.89*	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	4.85	
		For Heights >14' To 20', Add	*0.73*	
		For Heights >20', Add	*0.97*	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	6.75	
		For Heights >14' To 20', Add	*1.01*	
		For Heights >20', Add	*1.35*	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.99	
		For Heights >14' To 20', Add	*0.30*	
		For Heights >20', Add	*0.40*	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	2.38	
		For Heights >14' To 20', Add	*0.36*	
		For Heights >20', Add	*0.48*	

02 42 Removal and Salvage of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use *(02 42 21 35)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	348.92	

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001 Flooring Remove And Salvage For Re-Use *(02 42 21 47)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	3.17	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	3.17	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	4.39	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.56	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.36	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.97	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation *(02 43 13)*

02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)*

Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	41.53	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	39.26	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building	36.74	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	33.32	
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	31.14	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building	27.56	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	40.36	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	36.74	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	31.14	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

02 58 13 00-0001 Snow/Sand Fence On Steel Posts *(02 58 13)*

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	8.74	2.53

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal and Disposal of Contaminated Soils *(02 60)*

02 61 13 Excavation and Handling of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil *(02 61 13)*

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil	15.18	

Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	8.60	
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	64.05	

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.68	
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.01	

02 61 26 Removal and Disposal of Asbestos Contaminated Soils *(02 61)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	1,399.42	
		For Work In Restricted Working Space, Add	*419.83*	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	92.77	
		For Work In Restricted Working Space, Add	*27.83*	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	61.85	
		For Work In Restricted Working Space, Add	*18.56*	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	46.45	
		For Work In Restricted Working Space, Add	*13.94*	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	37.10	
		For Work In Restricted Working Space, Add	*11.13*	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	31.54	
		For Work In Restricted Working Space, Add	*9.46*	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	28.38	
		For Work In Restricted Working Space, Add	*8.51*	

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0041 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

02 65 00 00-0002 Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*

02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank	24.55	
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank	24.55	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	24.55	

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)*

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	208.77	
02 65 00 00-0008	EA	Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	81.19	
02 65 00 00-0009	EA	TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	195.30	
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	208.77	
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	162.38	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	440.74	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	811.90	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	97.65	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	173.98	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	231.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	259.81	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	34.80	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	34.80	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	34.80	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	64.95	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	371.15	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	134.27	
02 65 00 00-0024	EA	pH, Lab Test	27.84	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	347.96	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	208.77	
02 65 00 00-0027		**Tests, Surveys And Maintenance For Underground Storage Tank** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,118.38	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	197.91	
02 65 00 00-0030	EA	Check And Report On Monitor Probes Note: By Certified Technician	45.61	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	318.24	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	146.32	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	210.62	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	310.99	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	207.67	
02 65 00 00-0036		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	119.20	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	120.42	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	129.72	
02 65 00 00-0040		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0041		**Transfer Liquid** *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.66	
02 65 00 00-0043		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.75	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	0.76	
02 65 00 00-0046		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	7.29	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank	1.58	
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 Lb. of dry ice per 100 Gallons of tank volume.	4.44	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)* Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	356.32	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	465.89	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	602.13	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	809.47	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,559.78	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,875.68	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,142.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,586.58	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,317.30	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,988.65	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,045.13	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	6,227.82	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	7,645.37	

02 65 00 00-0066 Scrape Clean Tank Exterior *(02 65 00 00-0049)*

02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	273.01	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	363.54	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	476.38	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	659.68	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,460.88	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,849.79	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	2,164.58	
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,721.19	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	3,536.87	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	4,439.47	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	5,780.56	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	6,936.68	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	8,670.85	

02 65 00 00-0080 Tank And Piping Removal *(02 65)*

Note: Excludes excavation.

02 65 00 00-0081 Removal And Disposal Of Piping *(02 65 00 00-0080)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	21.55	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	28.74	

02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0080)*

Note: Excludes excavation or backfill.

02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	787.63	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	956.41	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,125.20	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,406.49	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,969.08	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,475.42	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,812.98	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,375.58	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,500.76	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,395.42	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	6,322.32	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	7,396.58	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	9,245.71	

02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	898.20	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,675.01	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,014.87	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,245.48	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,694.58	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,350.01	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,029.73	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,037.15	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	6,296.46	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	7,870.55	

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	312.01	
		For Each Additional Mile >15 Miles, Add	*5.22*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	418.54	
		For Each Additional Mile >15 Miles, Add	*6.59*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	653.61	
		For Each Additional Mile >15 Miles, Add	*9.89*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	977.47	
		For Each Additional Mile >15 Miles, Add	*11.54*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,724.68	
		For Each Additional Mile >15 Miles, Add	*20.33*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,790.63	
		For Each Additional Mile >15 Miles, Add	*21.98*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,900.55	
		For Each Additional Mile >15 Miles, Add	*24.73*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,728.93	
		For Each Additional Mile >15 Miles, Add	*32.97*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,783.89	
		For Each Additional Mile >15 Miles, Add	*49.46*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,399.19	
		For Each Additional Mile >15 Miles, Add	*54.96*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,423.47	
		For Each Additional Mile >15 Miles, Add	*65.95*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,464.21	
		For Each Additional Mile >15 Miles, Add	*79.14*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	8,970.73	
		For Each Additional Mile >15 Miles, Add	*91.01*	

02 65 00 00-0123 Other Storage Tank Removals *(02 65 00 00-0080)*

Note: Based on tank gallon size

02 65 00 00-0124	GAL	Removal Of Cement Lining	0.69
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.25
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.21

02 65 00 00-0127 Tank Closure Report *(02 65 00 00-0080)*

Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.

02 65 00 00-0128	EA	Prepare Tank Closure Report	3,264.98

02 65 00 00-0129 Temporary Tanks *(02 65)*

02 65 00 00-0130 Temporary Holding Tanks *(02 65 00 00-0129)*

02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	965.25
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	965.25
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,930.49
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,447.87
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,378.36
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,413.12
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	4,641.67
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	5,562.63
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	9,393.85

02 65 00 00-0141 Secondary Containment Berm *(02 65 00 00-0129)*

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	2,091.37

02 80 Facility Remediation *(02)*

02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

02 81 00 00-0001 Equipment Oil Drain And Disposal *(02 81)*

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	677.78
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	106.51
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	484.12
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	871.42
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	116.24

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0043 for temporary stud walls, 01 74 19 00-0041 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)*

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	112.88
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	63.06
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	73.93
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	117.42
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	202.22
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	245.71
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	50.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	60.88	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	82.63	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	63.06	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	73.93	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	117.42	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	202.22	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	232.66	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	323.99	

02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) *(02 82 16)*

02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.84	
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	2.50	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	2.67	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.94	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	8.88	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	10.02	

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, cleanup, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. The SET task includes portion for set-up and mobilization. For those tasks the contractor will be paid the first task of SET with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,414.23	
		For Work In Restricted Working Space, Add	*419.83*	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	48.45	
		For Work In Restricted Working Space, Add	*14.31*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	36.52	
		For Work In Restricted Working Space, Add	*10.73*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	27.57	
		For Work In Restricted Working Space, Add	*8.05*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	20.87	
		For Work In Restricted Working Space, Add	*6.04*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.25	
		For Work In Restricted Working Space, Add	*5.25*	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,429.03	
		For Work In Restricted Working Space, Add	*419.83*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	56.34	
		For Work In Restricted Working Space, Add	*16.46*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	42.62	
		For Work In Restricted Working Space, Add	*12.34*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	32.33	
		For Work In Restricted Working Space, Add	*9.26*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	24.62	
		For Work In Restricted Working Space, Add	*6.94*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.61	
		For Work In Restricted Working Space, Add	*6.04*	

02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,443.84	
		For Work In Restricted Working Space, Add	*419.83*	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	75.13	
		For Work In Restricted Working Space, Add	*21.95*	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	56.82	
		For Work In Restricted Working Space, Add	*16.46*	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	43.11	
		For Work In Restricted Working Space, Add	*12.34*	
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	32.81	
		For Work In Restricted Working Space, Add	*9.25*	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	28.80	
		For Work In Restricted Working Space, Add	*8.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0024		>18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*		
		See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,458.65	
		For Work In Restricted Working Space, Add	*419.83*	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	103.30	
		For Work In Restricted Working Space, Add	*30.18*	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	78.14	
		For Work In Restricted Working Space, Add	*22.63*	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	59.28	
		For Work In Restricted Working Space, Add	*16.97*	
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	45.12	
		For Work In Restricted Working Space, Add	*12.72*	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	39.61	
		For Work In Restricted Working Space, Add	*11.07*	
02 82 33 00-0031		Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*		
		Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	907.45	
		For Work In Restricted Working Space, Add	*270.90*	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	151.98	
		For Work In Restricted Working Space, Add	*45.15*	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	59.90	
		For Work In Restricted Working Space, Add	*17.53*	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	45.29	
		For Work In Restricted Working Space, Add	*13.14*	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	34.34	
		For Work In Restricted Working Space, Add	*9.86*	
02 82 33 00-0037		Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0038		Calcium Block Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*		
02 82 33 00-0039	SET	Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	1,406.82	
02 82 33 00-0040	SF	>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	57.76	
02 82 33 00-0041	SF	>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	47.63	
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	38.23	
02 82 33 00-0043	SF	>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	31.18	
02 82 33 00-0044		Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*		
02 82 33 00-0045	SET	Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	1,403.12	
02 82 33 00-0046	SF	>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	50.87	
02 82 33 00-0047	SF	>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	40.74	
02 82 33 00-0048	SF	>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	31.34	
02 82 33 00-0049	SF	>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	24.29	
02 82 33 00-0050		Fibrous Glass Board Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*		
02 82 33 00-0051	SET	Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	1,401.89	
02 82 33 00-0052	SF	>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	45.16	
02 82 33 00-0053	SF	>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	35.03	
02 82 33 00-0054	SF	>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	25.61	
02 82 33 00-0055	SF	>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	18.57	
02 82 33 00-0056		Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0037)*		
		Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0057	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,408.67	
02 82 33 00-0058	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	48.08	
02 82 33 00-0059	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	37.94	
02 82 33 00-0060	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	28.55	
02 82 33 00-0061	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	21.50	
02 82 33 00-0062		Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0063		Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0062)*		
		Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0102 for asbestos abatement for up to 1 sf sections to expose area for attachments.		
02 82 33 00-0064	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,408.67	
02 82 33 00-0065	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	57.61	
02 82 33 00-0066	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	43.28	
02 82 33 00-0067	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	32.56	
02 82 33 00-0068	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	24.51	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0069		**Acoustical Plaster, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
		Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0070	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,405.59	
02 82 33 00-0071	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	24.15	
02 82 33 00-0072	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	18.32	
02 82 33 00-0073	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	13.66	
02 82 33 00-0074	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	10.17	
02 82 33 00-0075		**Gypsum Wall Board, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0076	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,411.76	
		For Additional Layer, Add	*384.84*	
02 82 33 00-0077	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	18.62	
		For Additional Layer, Add	*5.05*	
02 82 33 00-0078	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	13.66	
		For Additional Layer, Add	*3.69*	
02 82 33 00-0079	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.74	
		For Additional Layer, Add	*2.88*	
02 82 33 00-0080	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.42	
		For Additional Layer, Add	*2.25*	
02 82 33 00-0081	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.67	
		For Additional Layer, Add	*1.77*	
02 82 33 00-0082	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.38	
		For Additional Layer, Add	*1.41*	
02 82 33 00-0083		**Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0084	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,405.59	
02 82 33 00-0085	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	35.12	
02 82 33 00-0086	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	25.78	
02 82 33 00-0087	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.19	
02 82 33 00-0088	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.76	
02 82 33 00-0089	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.33	
02 82 33 00-0090		**Stucco, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0091	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,411.76	
02 82 33 00-0092	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	30.68	
02 82 33 00-0093	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	23.03	
02 82 33 00-0094	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	17.37	
02 82 33 00-0095	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	13.08	
02 82 33 00-0096		**Spray On Acoustical Ceiling, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0097	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,411.76	
02 82 33 00-0098	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	15.79	
02 82 33 00-0099	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.15	
02 82 33 00-0100	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.00	
02 82 33 00-0101	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.80	
02 82 33 00-0102		**Fireproofing For Small Areas, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
		Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0063 for areas > 1 SF.		
02 82 33 00-0103	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal	233.61	
		Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.		
02 82 33 00-0104		**Plywood, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0105	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,409.29	
02 82 33 00-0106	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	20.08	
02 82 33 00-0107	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	9.79	
02 82 33 00-0108	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	6.69	
02 82 33 00-0109	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	5.73	
02 82 33 00-0110		**Flooring Material, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0111		**Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal** *(02 82 33 00-0110)*		
02 82 33 00-0112		**Floor Tile, Asbestos Abatement And Disposal** *(02 82 33 00-0111)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0113	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,401.89	
		For Each Additional Layer, Add	*210.28*	
02 82 33 00-0114	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	9.79	
		For Each Additional Layer, Add	*1.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0115	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	8.00	
		For Each Additional Layer, Add	*1.20*	
02 82 33 00-0116	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	6.37	
		For Each Additional Layer, Add	*0.96*	
02 82 33 00-0117	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.39	
		For Each Additional Layer, Add	*0.66*	

02 82 33 00-0118 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

Note: Single layer or first of multiple layers. Excludes mastic.

02 82 33 00-0119	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,401.89	
		For Each Additional Layer, Add	*210.28*	
02 82 33 00-0120	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	9.79	
		For Each Additional Layer, Add	*1.47*	
02 82 33 00-0121	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	8.03	
		For Each Additional Layer, Add	*1.20*	
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.29	
		For Each Additional Layer, Add	*1.09*	
02 82 33 00-0123	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	5.88	
		For Each Additional Layer, Add	*0.88*	

02 82 33 00-0124 Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

02 82 33 00-0125	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,401.89	
02 82 33 00-0126	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	7.65	
02 82 33 00-0127	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	6.19	
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.51	
02 82 33 00-0129	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.41	

02 82 33 00-0130 Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

Note: Up to 12".

02 82 33 00-0131	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	469.55	
02 82 33 00-0132	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	6.34	
02 82 33 00-0133	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.85	
02 82 33 00-0134	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.45	
02 82 33 00-0135	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.76	

02 82 33 00-0136 Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.

02 82 33 00-0137	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1,405.59	
02 82 33 00-0138	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	3.55	
02 82 33 00-0139	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	2.62	
02 82 33 00-0140	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	2.03	
02 82 33 00-0141	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.64	

02 82 33 00-0142 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.

02 82 33 00-0143	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,424.10	
02 82 33 00-0144	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	11.27	
02 82 33 00-0145	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.30	
02 82 33 00-0146	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.55	
02 82 33 00-0147	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.14	

02 82 33 00-0148 Mastic Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

Note: Includes removal of all anchors.

02 82 33 00-0149	SF	Mastic-Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal Note: Includes removal of all anchors.	5.01	

02 82 33 00-0150 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

02 82 33 00-0151	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,411.75	
02 82 33 00-0152	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	12.59	
02 82 33 00-0153	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	8.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0154	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	6.54	
02 82 33 00-0155	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.37	
02 82 33 00-0156		Roofing, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0157		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0156)*		
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0158		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0157)*		
02 82 33 00-0159	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,430.27	
02 82 33 00-0160	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.19	
02 82 33 00-0161	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.41	
02 82 33 00-0162	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.98	
02 82 33 00-0163	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.55	
02 82 33 00-0164	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.47	
02 82 33 00-0165		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0157)*		
02 82 33 00-0166	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,453.71	
02 82 33 00-0167	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	10.68	
02 82 33 00-0168	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.60	
02 82 33 00-0169	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.04	
02 82 33 00-0170	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.38	
02 82 33 00-0171	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.15	
02 82 33 00-0172		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0157)*		
02 82 33 00-0173	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,480.86	
02 82 33 00-0174	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	12.05	
02 82 33 00-0175	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.76	
02 82 33 00-0176	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.00	
02 82 33 00-0177	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.19	
02 82 33 00-0178	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.81	
02 82 33 00-0179		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0156)*		
02 82 33 00-0180		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		
02 82 33 00-0181	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	1,407.13	
		Note: Single or first of multiple layers.		
02 82 33 00-0182	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	9.00	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*1.80*	
02 82 33 00-0183	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	7.22	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*1.44*	
02 82 33 00-0184	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	5.79	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*1.16*	
02 82 33 00-0185	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	4.36	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.87*	
02 82 33 00-0186	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	3.28	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.66*	
02 82 33 00-0187		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0156)*		
02 82 33 00-0188	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	467.09	
02 82 33 00-0189	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	3.56	
02 82 33 00-0190	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.93	
02 82 33 00-0191	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.37	
02 82 33 00-0192	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.74	
02 82 33 00-0193		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0156)*		
02 82 33 00-0194	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	467.09	
02 82 33 00-0195	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	10.55	
02 82 33 00-0196	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.46	
02 82 33 00-0197	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	7.05	
02 82 33 00-0198	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 82 33 00-0199 Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0200 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0199)*

Note: Includes detachment of mounted objects before removal.

02 82 33 00-0201	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,411.75	
02 82 33 00-0202	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	9.66	
02 82 33 00-0203	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.89	
02 82 33 00-0204	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.94	
02 82 33 00-0205	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.44	

02 82 33 00-0206 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0199)*

02 82 33 00-0207	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,411.75	
02 82 33 00-0208	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	8.40	
02 82 33 00-0209	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.36	
02 82 33 00-0210	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.51	
02 82 33 00-0211	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.07	

02 82 33 00-0212 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0199)*

02 82 33 00-0213	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	1,180.99	
02 82 33 00-0214	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	49.19	
02 82 33 00-0215	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	37.26	
02 82 33 00-0216	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	28.31	
02 82 33 00-0217	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	21.61	
02 82 33 00-0218	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	16.58	
02 82 33 00-0219	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	16.22	

02 82 33 00-0220 Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0199)*

02 82 33 00-0221	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,420.33	
02 82 33 00-0222	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.57	
02 82 33 00-0223	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.08	
02 82 33 00-0224	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.89	
02 82 33 00-0225	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.70	
02 82 33 00-0226	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.81	

02 82 33 00-0227 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0228 Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal *(02 82 33 00-0227)*

Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.

02 82 33 00-0229	SET	Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	700.94	
02 82 33 00-0230	SF	>10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	1.26	
02 82 33 00-0231	SF	>100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.81	
02 82 33 00-0232	SF	>500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.66	
02 82 33 00-0233	SF	>1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.57	

02 82 33 00-0234 Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal *(02 82 33 00-0227)*

02 82 33 00-0235	SET	Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	937.88	
02 82 33 00-0236	SF	>10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	23.82	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0237	SF	>100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	16.24	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0238	SF	>250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	12.15	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0239	SF	>500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	9.82	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0240	SF	>2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	8.66	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0241	SF	>10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	7.48	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0242	SET	Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	1,174.82	
02 82 33 00-0243	SF	>10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	47.22	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0244	SF	>100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	31.78	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0245	SF	>250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	24.08	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0246	SF	>500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	19.41	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0247	SF	>2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	16.63	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0248	SF	>10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	15.05	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0249	SET	Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	1,414.23	
02 82 33 00-0250	SF	>10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	94.25	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0251	SF	>100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	63.33	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0252	SF	>250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	47.93	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0253	SF	>500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	38.58	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0254	SF	>2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	33.02	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0255	SF	>10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	29.86	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	

02 82 33 00-0256 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0227)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0257	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	947.75	
		For Work In Restricted Working Space, Add	*279.88*	
02 82 33 00-0258	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	94.25	
		For Work In Restricted Working Space, Add	*27.83*	
02 82 33 00-0259	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	63.33	
		For Work In Restricted Working Space, Add	*18.56*	
02 82 33 00-0260	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	47.93	
		For Work In Restricted Working Space, Add	*13.94*	
02 82 33 00-0261	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	38.58	
		For Work In Restricted Working Space, Add	*11.13*	
02 82 33 00-0262	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	33.02	
		For Work In Restricted Working Space, Add	*9.46*	
02 82 33 00-0263	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	29.86	
		For Work In Restricted Working Space, Add	*8.51*	

02 82 33 00-0264 Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0265 30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0264)*

02 82 33 00-0266	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	473.13
02 82 33 00-0267	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	174.59
02 82 33 00-0268	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	157.80

02 82 33 00-0269 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0264)*

02 82 33 00-0270	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	466.78
02 82 33 00-0271	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	9.57
02 82 33 00-0272	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.18
02 82 33 00-0273	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.18
02 82 33 00-0274	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.33
02 82 33 00-0275	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.56
02 82 33 00-0276	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.94

02 82 33 00-0277 Grout, Asbestos Abatement And Disposal *(02 82 33 00-0264)*

Note: e.g. flue grout.

02 82 33 00-0278	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	466.67
02 82 33 00-0279	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	18.39
02 82 33 00-0280	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	12.66
02 82 33 00-0281	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	10.85
02 82 33 00-0282	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	9.33
02 82 33 00-0283	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	8.04
02 82 33 00-0284	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	6.89

02 82 33 00-0285 Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0264)*

Note: e.g. rope, web cloth, flat.

02 82 33 00-0286	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	466.78
02 82 33 00-0287	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	24.76
02 82 33 00-0288	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	18.58
02 82 33 00-0289	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	15.83
02 82 33 00-0290	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	14.25
02 82 33 00-0291	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	12.81
02 82 33 00-0292	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	12.19

02 82 33 00-0293 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0264)*

Note: e.g. grid, spline, or glued on.

02 82 33 00-0294	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	939.11
02 82 33 00-0295	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	19.95
02 82 33 00-0296	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	9.66
02 82 33 00-0297	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	6.56
02 82 33 00-0298	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.60

02 82 33 00-0299 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0264)*

Note: Includes ceiling tile, asbestos barrier paper, and furring strips.

02 82 33 00-0300	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	936.27
02 82 33 00-0301	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	19.95
02 82 33 00-0302	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	9.66
02 82 33 00-0303	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.56

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0304	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.60	
02 82 33 00-0305		Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0306		Non-Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0305)*		
02 82 33 00-0307	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	466.67	
02 82 33 00-0308	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	13.78	
02 82 33 00-0309	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	9.72	
02 82 33 00-0310	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	7.24	
02 82 33 00-0311	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.45	
02 82 33 00-0312	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.32	
02 82 33 00-0313	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.74	
02 82 33 00-0314		Wire Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0315		Wire Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0314)*		
02 82 33 00-0316	SET	Up To 10 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	466.67	
02 82 33 00-0317	LF	>10 To 50 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	5.19	
02 82 33 00-0318	LF	>50 To 100 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	3.66	
02 82 33 00-0319	LF	>100 To 250 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	2.73	
02 82 33 00-0320	LF	>250 To 1,000 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	2.05	
02 82 33 00-0321	LF	>1,000 To 2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	1.63	
02 82 33 00-0322	LF	>2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	1.42	
02 82 33 00-0323		Asbestos Contaminated Paint, Asbestos Abatement And Disposal *(02 82 33 00-0264)* Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0324	SET	Up To 10 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	583.72	
02 82 33 00-0325	SF	>10 To 500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	57.30	
02 82 33 00-0326	SF	>500 To 2,500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	42.97	
02 82 33 00-0327	SF	>2,500 To 10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	32.25	
02 82 33 00-0328	SF	>10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	24.20	
02 82 33 00-0329		Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0330	SF	Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal	5.95	
02 82 33 00-0331	SF	Mastic On Walls, Asbestos Abatement And Disposal	23.39	
02 82 33 00-0332		Wood Wall Joint Compound, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0333	SET	Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	933.56	
02 82 33 00-0334	SF	>10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	18.43	
02 82 33 00-0335	SF	>500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	13.47	
02 82 33 00-0336	SF	>2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	10.55	
02 82 33 00-0337	SF	>10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	8.23	
02 82 33 00-0338		Chalk Board Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0339	SET	Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	472.64	
02 82 33 00-0340	SF	>100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	19.89	
02 82 33 00-0341	SF	>1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	9.60	
02 82 33 00-0342	SF	>2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	6.50	
02 82 33 00-0343	SF	>10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	5.54	
02 82 33 00-0344		Tack Board Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0345	SET	Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal	472.64	
02 82 33 00-0346	SF	>100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	19.89	
02 82 33 00-0347	SF	>1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal	9.60	
02 82 33 00-0348	SF	>2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	6.50	
02 82 33 00-0349	SF	>10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	5.54	
02 82 33 00-0350		Dash Coat Over Wood Walls, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0351	SET	Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	933.56	
02 82 33 00-0352	SF	>10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	20.47	
02 82 33 00-0353	SF	>500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	15.26	
02 82 33 00-0354	SF	>2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	11.47	
02 82 33 00-0355	SF	>10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	8.62	
02 82 33 00-0356		HEPA Vacuum, Asbestos Abatement And Disposal *(02 82 33 00-0264)* Note: For adjacent areas.		
02 82 33 00-0357	SF	High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area	0.85	
02 82 33 00-0358		Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0359	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	466.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0360	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	18.39	
02 82 33 00-0361	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	12.66	
02 82 33 00-0362	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	10.85	
02 82 33 00-0363	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	9.33	
02 82 33 00-0364	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	8.04	
02 82 33 00-0365		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0366	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	961.37	
02 82 33 00-0367	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	90.60	
02 82 33 00-0368	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	62.77	
02 82 33 00-0369	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	48.91	
02 82 33 00-0370	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	40.51	
02 82 33 00-0371	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	35.49	
02 82 33 00-0372	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	32.64	
02 82 33 00-0373		Other Material, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0374	LF	Chemical Countertops, Asbestos Abatement And Disposal	31.59	
02 82 33 00-0375	EA	Chemical Fume Hood, Asbestos Abatement And Disposal	1,784.81	
02 82 33 00-0376		Bearing Pads, Asbestos Abatement And Disposal *(02 82 33 00-0264)*		
02 82 33 00-0377	SET	Up To 10 EA, Bearing Pads, Asbestos Abatement And Disposal	467.09	
02 82 33 00-0378	EA	>10 To 20 EA, Bearing Pads, Asbestos Abatement And Disposal	30.97	
02 82 33 00-0379	EA	>20 To 35 EA, Bearing Pads, Asbestos Abatement And Disposal	19.89	
02 82 33 00-0380	EA	>35 To 50 EA, Bearing Pads, Asbestos Abatement And Disposal	17.84	
02 82 33 00-0381	EA	>50 EA, Bearing Pads, Asbestos Abatement And Disposal	16.04	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0043 for temporary stud walls, 01 74 19 00-0041 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, cleanup, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0043 for temporary stud walls, 01 74 19 00-0041 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

02 83 19 13-0001		Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*	
02 83 19 13-0002	EA	Minimum Show Up Charge For Lead-Based Paint Remediation Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,359.45
02 83 19 13-0003		Lead Sampling And Testing *(02 83 19 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.	
02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	104.65
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	74.96
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	71.76
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	108.72
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	152.21
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	28.27
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	43.49
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	54.36
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	71.76
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	108.72
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.96
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	16.31
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	23.92
02 83 19 13-0017	EA	5 Day Turnaround Lead Bulk Samples And Lab Fee	11.96
02 83 19 13-0018	EA	24 Hour Turnaround Lead Bulk Samples And Lab Fee	16.31
02 83 19 13-0019	EA	8 Hour Turnaround Lead Bulk Samples And Lab Fee	23.92
02 83 19 13-0020	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.96
02 83 19 13-0021	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	16.31
02 83 19 13-0022	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	23.92
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	43.49
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	65.23
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	86.98
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	44.97
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	89.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0028		**Scrape And Sand Lead Paint** *(02 83 19 13)*		
02 83 19 13-0029	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.51	
02 83 19 13-0030	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.57	
02 83 19 13-0031	SF	Hand Scrape Lead Paint From Wood Surfaces	2.07	
02 83 19 13-0032	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	2.13	
02 83 19 13-0033		**Chemical Stripping Of Lead Contaminated Material** *(02 83 19 13)*		
		Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0034	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	40.01	
		For 0.025" (25 mil) Application, Add	*2.25*	
		For 0.03" (30 mil) Application, Add	*3.53*	
02 83 19 13-0035	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	59.38	
		For 0.025" (25 mil) Application, Add	*3.22*	
		For 0.03" (30 mil) Application, Add	*4.98*	
02 83 19 13-0036	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	17.17	
		For 0.025" (25 mil) Application, Add	*1.01*	
		For 0.03" (30 mil) Application, Add	*1.61*	
		For 0.125" (125 mil) Application, Add	*8.79*	
02 83 19 13-0037	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	35.12	
		For 0.025" (25 mil) Application, Add	*1.91*	
		For 0.03" (30 mil) Application, Add	*2.95*	
		For 0.125" (125 mil) Application, Add	*13.28*	
02 83 19 13-0038	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	18.63	
		For 0.025" (25 mil) Application, Add	*1.18*	
		For 0.03" (30 mil) Application, Add	*1.93*	
02 83 19 13-0039	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	52.92	
		For 0.025" (25 mil) Application, Add	*2.90*	
		For 0.03" (30 mil) Application, Add	*4.50*	
02 83 19 13-0040	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	11.47	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.29*	
		For 0.125" (125 mil) Application, Add	*8.87*	
02 83 19 13-0041	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	33.45	
		For 0.025" (25 mil) Application, Add	*1.87*	
		For 0.03" (30 mil) Application, Add	*2.93*	
02 83 19 13-0042	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	42.66	
		For 0.025" (25 mil) Application, Add	*2.33*	
		For 0.03" (30 mil) Application, Add	*3.62*	
02 83 19 13-0043	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	15.84	
		For 0.025" (25 mil) Application, Add	*0.99*	
		For 0.03" (30 mil) Application, Add	*1.61*	
02 83 19 13-0044	SF	Columns, Chemical Stripping Of Lead Contaminated Material	15.20	
		For 0.025" (25 mil) Application, Add	*1.01*	
		For 0.03" (30 mil) Application, Add	*1.67*	
		For 0.125" (125 mil) Application, Add	*11.30*	
02 83 19 13-0045	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	13.41	
		For 0.025" (25 mil) Application, Add	*0.87*	
		For 0.03" (30 mil) Application, Add	*1.43*	
02 83 19 13-0046	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	16.48	
		For 0.025" (25 mil) Application, Add	*1.02*	
		For 0.03" (30 mil) Application, Add	*1.66*	
02 83 19 13-0047	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	24.31	
		For 0.025" (25 mil) Application, Add	*1.47*	
		For 0.03" (30 mil) Application, Add	*2.35*	
02 83 19 13-0048	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	69.62	
		For 0.025" (25 mil) Application, Add	*3.88*	
		For 0.03" (30 mil) Application, Add	*6.07*	
02 83 19 13-0049	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	17.23	
		For 0.025" (25 mil) Application, Add	*1.06*	
		For 0.03" (30 mil) Application, Add	*1.72*	
02 83 19 13-0050	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	9.43	
		For 0.025" (25 mil) Application, Add	*0.67*	
		For 0.03" (30 mil) Application, Add	*1.13*	
02 83 19 13-0051	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	35.76	
		For 0.025" (25 mil) Application, Add	*1.99*	
		For 0.03" (30 mil) Application, Add	*3.11*	
02 83 19 13-0052	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	42.66	
		For 0.025" (25 mil) Application, Add	*2.33*	
		For 0.03" (30 mil) Application, Add	*3.62*	
02 83 19 13-0053	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	22.32	
		For 0.025" (25 mil) Application, Add	*1.42*	
		For 0.03" (30 mil) Application, Add	*2.31*	
02 83 19 13-0054	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	27.54	
		For 0.025" (25 mil) Application, Add	*1.68*	
		For 0.03" (30 mil) Application, Add	*2.70*	
		For 0.125" (125 mil) Application, Add	*15.89*	
02 83 19 13-0055	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.66	
		For 0.025" (25 mil) Application, Add	*0.53*	
		For 0.03" (30 mil) Application, Add	*0.89*	
		For 0.125" (125 mil) Application, Add	*6.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0056	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	12.33	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.24*	
		For 0.125" (125 mil) Application, Add	*7.58*	
02 83 19 13-0057	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	22.07	
		For 0.025" (25 mil) Application, Add	*1.35*	
		For 0.03" (30 mil) Application, Add	*2.19*	
		For 0.125" (125 mil) Application, Add	*13.02*	
02 83 19 13-0058	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	30.27	
		For 0.025" (25 mil) Application, Add	*1.81*	
		For 0.03" (30 mil) Application, Add	*2.91*	
		For 0.125" (125 mil) Application, Add	*16.57*	
02 83 19 13-0059	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	54.31	
		For 0.025" (25 mil) Application, Add	*3.17*	
		For 0.03" (30 mil) Application, Add	*5.03*	
		For 0.125" (125 mil) Application, Add	*27.08*	
02 83 19 13-0060	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	16.23	
		For 0.025" (25 mil) Application, Add	*0.92*	
		For 0.03" (30 mil) Application, Add	*1.45*	
		For 0.125" (125 mil) Application, Add	*7.30*	
02 83 19 13-0061	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	323.16	
		For 0.025" (25 mil) Application, Add	*17.61*	
		For 0.03" (30 mil) Application, Add	*27.32*	
02 83 19 13-0062	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	22.44	
		For 0.025" (25 mil) Application, Add	*1.69*	
		For 0.03" (30 mil) Application, Add	*2.88*	
02 83 19 13-0063	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	24.59	
		For 0.025" (25 mil) Application, Add	*1.79*	
		For 0.03" (30 mil) Application, Add	*3.04*	
02 83 19 13-0064	SF	Siding, Chemical Stripping Of Lead Contaminated Material	12.83	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.49*	
		For 0.125" (125 mil) Application, Add	*10.71*	
02 83 19 13-0065	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	27.04	
		For 0.025" (25 mil) Application, Add	*1.55*	
		For 0.03" (30 mil) Application, Add	*2.45*	
		For 0.125" (125 mil) Application, Add	*12.76*	
02 83 19 13-0066	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	12.39	
		For 0.025" (25 mil) Application, Add	*0.82*	
		For 0.03" (30 mil) Application, Add	*1.35*	
		For 0.125" (125 mil) Application, Add	*9.10*	
02 83 19 13-0067	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	14.09	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.52*	
02 83 19 13-0068	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	14.04	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.51*	
02 83 19 13-0069	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	19.93	
		For 0.025" (25 mil) Application, Add	*1.20*	
		For 0.03" (30 mil) Application, Add	*1.92*	
		For 0.125" (125 mil) Application, Add	*10.98*	
02 83 19 13-0070	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	14.04	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*9.51*	
02 83 19 13-0071	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	32.46	
		For 0.025" (25 mil) Application, Add	*1.82*	
		For 0.03" (30 mil) Application, Add	*2.86*	
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	35.54	
		For 0.025" (25 mil) Application, Add	*1.98*	
		For 0.03" (30 mil) Application, Add	*3.09*	
02 83 19 13-0073	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	37.62	
		For 0.025" (25 mil) Application, Add	*2.08*	
		For 0.03" (30 mil) Application, Add	*3.25*	
02 83 19 13-0074	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	39.70	
		For 0.025" (25 mil) Application, Add	*2.19*	
		For 0.03" (30 mil) Application, Add	*3.40*	
02 83 19 13-0075	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	41.79	
		For 0.025" (25 mil) Application, Add	*2.29*	
		For 0.03" (30 mil) Application, Add	*3.56*	
02 83 19 13-0076	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	43.94	
		For 0.025" (25 mil) Application, Add	*2.40*	
		For 0.03" (30 mil) Application, Add	*3.72*	
02 83 19 13-0077	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	45.96	
		For 0.025" (25 mil) Application, Add	*2.50*	
		For 0.03" (30 mil) Application, Add	*3.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0078	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	47.01	
		For 0.025" (25 mil) Application, Add	*2.55*	
		For 0.03" (30 mil) Application, Add	*3.95*	
02 83 19 13-0079	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	48.08	
		For 0.025" (25 mil) Application, Add	*2.60*	
		For 0.03" (30 mil) Application, Add	*4.03*	
02 83 19 13-0080	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	49.08	
		For 0.025" (25 mil) Application, Add	*2.65*	
		For 0.03" (30 mil) Application, Add	*4.11*	
02 83 19 13-0081	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	64.80	
		For 0.025" (25 mil) Application, Add	*3.64*	
		For 0.03" (30 mil) Application, Add	*5.71*	
		For 0.125" (125 mil) Application, Add	*28.20*	
02 83 19 13-0082	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	11.22	
		For 0.025" (25 mil) Application, Add	*0.71*	
		For 0.03" (30 mil) Application, Add	*1.16*	
		For 0.125" (125 mil) Application, Add	*7.31*	
02 83 19 13-0083	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	32.91	
		For 0.025" (25 mil) Application, Add	*1.95*	
		For 0.03" (30 mil) Application, Add	*3.11*	
		For 0.125" (125 mil) Application, Add	*17.23*	
02 83 19 13-0084	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	36.01	
		For 0.025" (25 mil) Application, Add	*2.05*	
		For 0.03" (30 mil) Application, Add	*3.23*	
		For 0.125" (125 mil) Application, Add	*16.50*	
02 83 19 13-0085	LF	2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	3.31	
		For 0.025" (25 mil) Application, Add	*0.20*	
		For 0.03" (30 mil) Application, Add	*0.32*	
02 83 19 13-0086	LF	3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	4.96	
		For 0.025" (25 mil) Application, Add	*0.30*	
		For 0.03" (30 mil) Application, Add	*0.48*	
02 83 19 13-0087	LF	4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	5.75	
		For 0.025" (25 mil) Application, Add	*0.34*	
		For 0.03" (30 mil) Application, Add	*0.54*	
02 83 19 13-0088	LF	6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	6.61	
		For 0.025" (25 mil) Application, Add	*0.40*	
		For 0.03" (30 mil) Application, Add	*0.64*	
02 83 19 13-0089	SF	Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	11.47	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.29*	

02 83 19 13-0090 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0091	SF	Demolish Ceiling Suspension System, Lead Contaminated Material	2.86
02 83 19 13-0092	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	8.38
02 83 19 13-0093	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	6.02
02 83 19 13-0094	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	4.71
02 83 19 13-0095	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.66
02 83 19 13-0096	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.	26.16
02 83 19 13-0097	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.	18.60
02 83 19 13-0098	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.	13.95
02 83 19 13-0099	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.	10.47
02 83 19 13-0100	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.66
02 83 19 13-0101	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	1.06
02 83 19 13-0102	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.65
02 83 19 13-0103	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	79.68
02 83 19 13-0104	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	105.70
02 83 19 13-0105	SF	Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	11.80
02 83 19 13-0106	SF	Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	6.61
02 83 19 13-0107	SF	Demolish Brick, Lead Contaminated Material	4.97
02 83 19 13-0108	SF	Demolish Concrete Block, Lead Contaminated Material	6.41
02 83 19 13-0109	SF	Demolish Tile, Lead Contaminated Material	4.83
02 83 19 13-0110	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	7.26
02 83 19 13-0111	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.65
02 83 19 13-0112	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.51
02 83 19 13-0113	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	8.26
02 83 19 13-0114	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	2.16
02 83 19 13-0115	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.69
02 83 19 13-0116	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.75
02 83 19 13-0117	SF	Demolish Concrete, Lead Contaminated Material	16.44
02 83 19 13-0118	LF	Demolish Cabinets, Lead Contaminated Material	38.28
02 83 19 13-0119	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	2.17
02 83 19 13-0120	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	21.21
02 83 19 13-0121	SF	Demolish Cornice, Lead Contaminated Material	2.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0122	EA	Demolish Doors, Lead Contaminated Material		83.05
02 83 19 13-0123	LF	Demolish Door And Window Wood Trim Or Wood Frames, Lead Contaminated Material		2.52
02 83 19 13-0124	EA	Demolish Electrical Devices, Lead Contaminated Material		25.48
02 83 19 13-0125	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material		3.28
02 83 19 13-0126	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material		5.44
02 83 19 13-0127	SF	Demolish Wood Floors, Lead Contaminated Material		3.92
02 83 19 13-0128	SF	Demolish Grilles, Lead Contaminated Material		4.61
02 83 19 13-0129	EA	Demolish Hinges, Lead Contaminated Material		9.27
02 83 19 13-0130	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material		19.91
02 83 19 13-0131	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material		8.17
02 83 19 13-0132	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material		11.90
02 83 19 13-0133	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material		18.00
02 83 19 13-0134	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material		33.19
02 83 19 13-0135	EA	Demolish Radiators, Lead Contaminated Material		143.35
02 83 19 13-0136	EA	Demolish Shutters, Lead Contaminated Material		55.86
02 83 19 13-0137	SF	Demolish Siding, Lead Contaminated Material		2.22
02 83 19 13-0138	SF	Demolish Soffit, Lead Contaminated Material		1.88
02 83 19 13-0139	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material		5.16
02 83 19 13-0140	SF	Demolish Steel Beams, Lead Contaminated Material		6.08
02 83 19 13-0141	SF	Demolish Trusses, Lead Contaminated Material		7.98
02 83 19 13-0142	SF	Demolish Walls, Wood, Lead Contaminated Material		5.89
02 83 19 13-0143	SF	Demolish Windows, Lead Contaminated Material		19.83
02 83 19 13-0144	SF	Demolish Metal Stair, Lead Contaminated Material		9.50
02 83 19 13-0145	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material		6.97
02 83 19 13-0146	LF	Demolish Metal Railing And Posts, Lead Contaminated Material		11.39
02 83 19 13-0147	SF	Demolish Metal Picket Fence, Lead Contaminated Material		3.14
02 83 19 13-0148	SF	Demolish Plywood, Lead Contaminated Material		8.57
02 83 19 13-0149	SF	Demolish Planks (Various Sizes), Lead Contaminated Material		4.19
02 83 19 13-0150	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material		26.16
02 83 19 13-0151	SF	Demolish Ceramic Tile Block, Lead Contaminated Material		5.71
02 83 19 13-0152	LF	Demolish Metal Guard Rails, Lead Contaminated Material		15.69
02 83 19 13-0153	LF	Demolish Roof Metal Trim, Lead Contaminated Material		3.35
02 83 19 13-0154	LF	Demolish Rain Gutters, Lead Contaminated Material		5.76
02 83 19 13-0155	LF	Demolish Downspouts, Lead Contaminated Material		4.71
02 83 19 13-0156	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material		5.81
02 83 19 13-0157	LF	Demolish Roof Metal Flashing, Lead Contaminated Material		3.35
02 83 19 13-0158	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material		8.38
02 83 19 13-0159		**Wet Sanding/Light Scraping Of Lead Contaminated Material** *(02 83 19 13)* Note: Remove loose, flaking lead-based paint to prepare for painting.		
02 83 19 13-0160	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		3.99
02 83 19 13-0161		**Mechanical Stripping Of Lead Contaminated Material** *(02 83 19 13)* Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0162	SF	Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material		21.93
02 83 19 13-0163		**Lead Abatement Encapsulation** *(02 83 19 13)* Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0164	SF	Balustrades, Lead Abatement Encapsulation		7.18
02 83 19 13-0165	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation		7.15
02 83 19 13-0166	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation		9.69
02 83 19 13-0167	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation		4.59
02 83 19 13-0168	SF	Ornate Cabinets, Lead Abatement Encapsulation		10.41
02 83 19 13-0169	SF	Simple Design Cabinets, Lead Abatement Encapsulation		8.47
02 83 19 13-0170	SF	Drywall Ceilings, Lead Abatement Encapsulation		2.87
02 83 19 13-0171	SF	Wood Ceilings, Lead Abatement Encapsulation		3.48
02 83 19 13-0172	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation		3.23
02 83 19 13-0173	SF	Columns, Lead Abatement Encapsulation		5.57
02 83 19 13-0174	SF	Doors, Lead Abatement Encapsulation		10.67
02 83 19 13-0175	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation		4.69
02 83 19 13-0176	SF	Picket Fence (Brush), Lead Abatement Encapsulation		3.31
02 83 19 13-0177	SF	Wood Floors (Roller), Lead Abatement Encapsulation		2.75
02 83 19 13-0178	SF	Grilles, Vents, Lead Abatement Encapsulation		7.74
02 83 19 13-0179	LF	Gutters And Downspouts, Lead Abatement Encapsulation		7.18
02 83 19 13-0180	EA	Hangers, Lead Abatement Encapsulation		61.49
02 83 19 13-0181	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation		4.35
02 83 19 13-0182	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation		6.25
02 83 19 13-0183	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation		9.66
02 83 19 13-0184	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation		14.26
02 83 19 13-0185	EA	Radiators, Lead Abatement Encapsulation		157.58
02 83 19 13-0186	EA	Up To 6' Shutters, Lead Abatement Encapsulation		226.52
02 83 19 13-0187	SF	Siding, Lead Abatement Encapsulation		3.95
02 83 19 13-0188	SF	Up To 12" Soffit, Lead Abatement Encapsulation		5.57
02 83 19 13-0189	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation		4.59
02 83 19 13-0190	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation		6.03
02 83 19 13-0191	SF	Trusses, Lead Abatement Encapsulation		6.03
02 83 19 13-0192	SF	Drywall Walls, Lead Abatement Encapsulation		2.56
02 83 19 13-0193	SF	Wood Walls, Lead Abatement Encapsulation		3.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0194	EA	Window Without Grille, Lead Abatement Encapsulation	133.21	
02 83 19 13-0195	EA	Window With Grille, Lead Abatement Encapsulation	171.41	
02 83 19 13-0196	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	4.11	
02 83 19 13-0197	LF	Steel Lintels, Lead Abatement Encapsulation	4.72	
02 83 19 13-0198	LF	Wood Fascia Boards, Lead Abatement Encapsulation	12.57	
02 83 19 13-0199	SF	Wood Eaves, Lead Abatement Encapsulation	12.57	
02 83 19 13-0200	LF	Wood Window Sill, Lead Abatement Encapsulation	3.77	
02 83 19 13-0201	LF	Wood Window Sash, Lead Abatement Encapsulation	4.85	
02 83 19 13-0202	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.78	
02 83 19 13-0203	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.53	
02 83 19 13-0204	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	7.15	
02 83 19 13-0205	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.69	
02 83 19 13-0206	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.88	
02 83 19 13-0207	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	12.00	
02 83 19 13-0208		Removal By Heat Gun Of Lead Contaminated Material *(02 83 19 13)*		
		Note: Remove of multi-layers of paint down to substrate		
02 83 19 13-0209	SF	Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun	7.75	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.33	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.33	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.65	

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling of Lighting Ballasts and Lamps Containing PCBs and Mercury *(02 84)*

02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*		
		Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	9.22	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*		
		Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.31	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.21	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.96	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	20.84	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)*		
		Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	6.03	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.30	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	25.59	
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	49.70	

02 84 33 Removal and Disposal of Polychlorinated Biphenyls *(02 84)*

02 84 33 00-0001		Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)*		
		Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB)	3,366.95	
		Note: Includes disposal costs.		
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB)	5,282.05	
		Note: Includes disposal costs.		
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB)	1,470.91	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB)	6,339.95	
		Note: Includes disposal costs.		
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	2,593.31	
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB)	9,986.27	
		Note: Includes disposal costs.		

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001		Hazardous Waste Packaging *(02 86)*		
02 86 00 00-0002		Overpacks *(02 86 00 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	454.96
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	258.98
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	249.95
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	156.38
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	123.19
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	83.00
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	75.04
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	66.13

02 86 00 00-0012 Polyethylene Overpacks *(02 86 00 00-0002)*

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	513.90
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	94.97
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	465.01

02 86 00 00-0016 Composite Overpacks *(02 86 00 00-0002)*

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	252.34
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	346.28
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	469.69

02 86 00 00-0020 DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	49.65
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	52.38
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	51.21
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	25.36
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	13.52
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.16
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	10.61

02 86 00 00-0028 Steel Drums *(02 86 00 00-0001)*

02 86 00 00-0029 UN Rated Steel Drums *(02 86 00 00-0028)*

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	136.51
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	1,113.58
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	82.89
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	84.73
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	1,380.00
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	1,308.15
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,598.52
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	1,092.62
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	129.02
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	104.62
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	984.86
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,568.59
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,445.85
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,412.93
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,418.91
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	82.45
02 86 00 00-0046	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	927.98
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	95.57
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,508.72
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	892.06
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	1,278.22
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	853.14
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,472.80
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	81.24
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	1,212.36
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	121.57
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	823.21
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,445.85
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	58.94
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	107.75
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	82.83
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	1,302.17
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,559.61
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	1,140.52
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	93.94
02 86 00 00-0065	EA	20 Gallon, 17E, Open, Steel Drum	55.75
02 86 00 00-0066	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,529.67

02 86 00 00-0067 Plastic Drums *(02 86 00 00-0001)*

02 86 00 00-0068 Polyethylene Closed Head Drums *(02 86 00 00-0067)*

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	85.70
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	65.79
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	59.73

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	41.73	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	40.94	
02 86 00 00-0074		Polyethylene Open Head Drums *(02 86 00 00-0067)*		
		Note: Open head drums are primarily used for solids and sludge.		
02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	108.31	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	79.64	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	75.66	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	55.75	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	47.79	
02 86 00 00-0080		Fiber Drums *(02 86 00 00-0001)*		
02 86 00 00-0081		Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*		
		Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	65.63	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	61.48	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	56.07	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	55.43	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	67.54	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	63.71	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	58.94	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	57.02	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	49.38	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	42.05	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	45.87	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	53.52	
02 86 00 00-0094		Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*		
02 86 00 00-0095	EA	Load Drums On Disposal Truck	12.61	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,316.73	
02 86 00 00-0097		Transport Drums To Landfill *(02 86 00 00-0001)*		
		Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098	EA	Transport Drum To Landfill	102.29	
		Note: Includes transportation for up to 25 miles.		

02 87 Bio-Hazard Material Remediation *(02 80)*

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, cleanup, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0043 for temporary stud walls, 01 74 19 00-0041 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001		Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
		Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002		Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)*		
		Note: Diameter is outer size of insulation.		
02 87 13 33-0003		Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
		Note: Excludes encased fittings.		
02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	940.34	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	36.45	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	27.43	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	20.66	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.58	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.60	
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	962.55	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	42.96	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	32.59	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	24.82	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	18.98	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.70	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	951.45	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	21.11	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	15.91	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	12.03	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	9.30	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)*		
		Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)*		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	945.28	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	20.99	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	15.79	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	11.91	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	9.01	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)*		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	945.28	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	20.99	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	15.79	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	11.91	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	9.01	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	957.62	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	6.96	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	5.50	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	4.33	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.16	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)*		
		Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	951.45	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	28.94	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	21.83	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	16.46	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	12.44	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal *(02 87 13 33)*		
		Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)*		
		Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	957.62	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	6.91	
		For Each Additional Layer, Add	*1.73*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.84	
		For Each Additional Layer, Add	*0.96*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.19	
		For Each Additional Layer, Add	*0.55*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.69	
		For Each Additional Layer, Add	*0.42*	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	957.62	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.74	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.59	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.37	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.81	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal	957.62	
		Note: Includes tack strips.		
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	6.47	
		Note: Includes tack strips.		
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	4.70	
		Note: Includes tack strips.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.70	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.84	
02 87 13 33-0070		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	951.45	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	7.97	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	5.07	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	3.03	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.91	
02 87 13 33-0076		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0077		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	957.62	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.89	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.82	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.79	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.12	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	957.62	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	8.58	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.94	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.98	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.59	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	962.55	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	33.74	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	22.99	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	17.61	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	14.39	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	8.53	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.81	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	478.80	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.88	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.87	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.23	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.69	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	957.62	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	11.91	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.56	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.98	
02 87 13 33-0110	SF	>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.93	
02 87 13 33-0111	SF	>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.84	
02 87 13 33-0112	SF	>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.36	
02 87 13 33-0113	SF	>100,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.92	
02 87 13 33-0114		Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*		
02 87 13 33-0115	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	233.65	
02 87 13 33-0116	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	4.69	
02 87 13 33-0117	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	3.36	
02 87 13 33-0118	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.54	
02 87 13 33-0119	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.89	
02 87 13 33-0120	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.52	
02 87 13 33-0121	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.32	
02 87 13 33-0122		Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0123		CSF	Wipe Down Floors With Mild Bleach Solution	25.93	
			For >25 To 50, Deduct	*-2.59*	
			For >50 To 200, Deduct	*-6.48*	
			For >200, Deduct	*-10.37*	
02 87 13 33-0124		CSF	Wipe Down Walls With Mild Bleach Solution	30.50	
			For >25 To 50, Deduct	*-3.05*	
			For >50 To 200, Deduct	*-7.62*	
			For >200, Deduct	*-12.20*	
02 87 13 33-0125		CSF	Wipe Down Ceilings With Mild Bleach Solution	34.69	
			For >25 To 50, Deduct	*-3.47*	
			For >50 To 200, Deduct	*-8.67*	
			For >200, Deduct	*-13.87*	
02 87 13 33-0126		CSF	Wipe Down Countertops With Mild Bleach Solution	28.28	
			For >25 To 50, Deduct	*-2.83*	
02 87 13 33-0127		CSF	Wipe Down Other Surfaces With Mild Bleach Solution	35.90	
			For >25 To 50, Deduct	*-3.59*	
			For >50 To 200, Deduct	*-8.97*	
			For >200, Deduct	*-14.36*	

02 87 13 33-0128 Cabinets *(02 87 13 33-0098)*

02 87 13 33-0129		SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	991.85	
02 87 13 33-0130		LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	104.82	
02 87 13 33-0131		LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	76.60	
02 87 13 33-0132		SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	947.43	
02 87 13 33-0133		LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	89.10	
02 87 13 33-0134		LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	60.87	

02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, cleanup, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002		EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	932.94	
			For Work In Restricted Working Space, Add	*279.88*	
02 87 16 13-0003		SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	15.54	
			For Work In Restricted Working Space, Add	*4.66*	
02 87 16 13-0004		SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	14.14	
			For Work In Restricted Working Space, Add	*4.24*	
02 87 16 13-0005		SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	12.85	
			For Work In Restricted Working Space, Add	*3.86*	
02 87 16 13-0006		SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	11.68	
			For Work In Restricted Working Space, Add	*3.50*	

02 87 19 Bio-Hazard and Infectious Disease Control Remediation *(02 87)*

02 87 19 00-0001 Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19)*

02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003		EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.98	
02 87 19 00-0004		EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.67	
02 87 19 00-0005		EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	541.41	
02 87 19 00-0006		EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	626.14	
02 87 19 00-0007		EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) Note: Includes a hydraulic closer and a lever style lockset standard.	1,225.34	
02 87 19 00-0008		EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	247.40	
02 87 19 00-0009		EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	331.22	
02 87 19 00-0010		EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.43	
02 87 19 00-0011		EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	205.04	
02 87 19 00-0012		EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,467.44	
02 87 19 00-0013		EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	205.04	
02 87 19 00-0014		EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,104.29	
02 87 19 00-0015		EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.84	
02 87 19 00-0016		EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.75	

02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Includes removal and disposal in approved landfill after use.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.58	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.76	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.03	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.70	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.88	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.15	
02 87 19 00-0024		Temporary Floor Protection For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
		Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.88	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.91	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.25	
02 87 19 00-0028		Temporary Stud Wall For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
		Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.64	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	9.25	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.85	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	9.69	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.84	
02 87 19 00-0034		Isolation Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control	24.62	
		Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.		
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.93	
02 87 19 00-0037		Plexiglass Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	21.15	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	24.89	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	34.93	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control	1,518.89	
		Note: Excludes gloves.		
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	544.63	
		Note: For installation in glove iris port.		
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	870.09	
		Note: For installation in glove iris port.		
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease	155.60	
		Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045		Temporary Portable And Mobile Trailers *(02 87 19)*		
02 87 19 00-0046		Trailer Delivery *(02 87 19 00-0045)*		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,313.91	
02 87 19 00-0048		Portable And Mobile Trailers, Purchase *(02 87 19 00-0045)*		
		Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049	EA	8' x 24' Mobile Trailer With Toilet, Purchase	13,407.50	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0050	EA	8' x 32' Mobile Trailer With Toilet, Purchase	18,940.79	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0051	EA	10' x 36' Mobile Trailer With Toilet, Purchase	27,025.19	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0052	EA	10' x 44' Mobile Trailer With Toilet, Purchase	33,770.58	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0053	EA	10' x 50' Mobile Trailer With Toilet, Purchase	38,393.87	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0054	EA	12' x 50' Mobile Trailer With Toilet, Purchase	40,362.83	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase	44,911.62	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0056		Accessories For Portable And Mobile Trailers *(02 87 19 00-0045)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0057		**Skirting** *(02 87 19 00-0056)* Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	5.42	1.98
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	7.92	3.25
02 87 19 00-0060		**Aluminum Modular Access Ramp** *(02 87 19 00-0056)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	3,912.87	37.80
02 87 19 00-0062		**Aluminum Modular Stairs** *(02 87 19 00-0056)* Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	1,080.74	
02 87 19 00-0064		**Decontamination Chambers For Bio-Hazard And Infectious Disease Control** *(02 87 19)* Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,025.30	
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,208.05	
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	622.63	
02 87 19 00-0068		**Bio-Hazard And Infectious Disease Control Cleaning, Level 2** *(02 87 19)* Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		**Bio-Hazard And Infectious Disease Control Cleaning Mobilization** *(02 87 19 00-0068)*		
02 87 19 00-0070	EA	Mobilization And Set-Up For Bio-Hazard And Infectious Disease Control Note: Mobilization and set-up minimum for each site location, for levels 1, 2 or 3.	384.18	
02 87 19 00-0071		**Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces** *(02 87 19 00-0068)* Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.48	
		For >25 To 50, Deduct	*-2.85*	
		For >50 To 200, Deduct	*-5.69*	
		For >200, Deduct	*-8.54*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.69*	
		For Level 3 Biohazard Cleaning, Add	*9.39*	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.49	
		For >25 To 50, Deduct	*-3.35*	
		For >50 To 200, Deduct	*-6.69*	
		For >200, Deduct	*-10.04*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.69*	
		For Level 3 Biohazard Cleaning, Add	*11.05*	
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	38.10	
		For >25 To 50, Deduct	*-3.81*	
		For >50 To 200, Deduct	*-7.62*	
		For >200, Deduct	*-11.42*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.62*	
		For Level 3 Biohazard Cleaning, Add	*12.57*	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.07	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For >5 To 10, Deduct	*-1.55*	
		For >10 To 50, Deduct	*-3.11*	
		For >50, Deduct	*-6.21*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.21*	
		For Level 3 Biohazard Cleaning, Add	*10.25*	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	39.42	
		For >25 To 50, Deduct	*-3.94*	
		For >50 To 200, Deduct	*-7.88*	
		For >200, Deduct	*-11.82*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.88*	
		For Level 3 Biohazard Cleaning, Add	*13.00*	
02 87 19 00-0077		**Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials** *(02 87 19 00-0068)* Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	73.61	
		For Level 1 Biohazard Cleaning, Deduct	*-14.72*	
		For Level 3 Biohazard Cleaning, Add	*24.28*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.78	
		For Level 1 Biohazard Cleaning, Deduct	*-6.75*	
		For Level 3 Biohazard Cleaning, Add	*11.14*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*5.00*	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	118.57	
		For Level 1 Biohazard Cleaning, Deduct	*-23.71*	
		For Level 3 Biohazard Cleaning, Add	*39.12*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	7.31	
		For Level 1 Biohazard Cleaning, Deduct	*-1.46*	
		For Level 3 Biohazard Cleaning, Add	*2.41*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.50*	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Cleanup	109.32	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	*-21.86*	
		For Level 3 Biohazard Cleaning, Add	*36.07*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Cleanup	11.68	
		For Level 1 Biohazard Cleaning, Deduct	*-2.33*	
		For Level 3 Biohazard Cleaning, Add	*3.85*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.50*	

02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork *(02 87 19 00-0068)*

02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.30	
		For Level 1 Biohazard Cleaning, Deduct	*-0.85*	
		For Level 3 Biohazard Cleaning, Add	*1.41*	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	5.40	
		For Level 1 Biohazard Cleaning, Deduct	*-1.07*	
		For Level 3 Biohazard Cleaning, Add	*1.76*	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	7.23	
		For Level 1 Biohazard Cleaning, Deduct	*-1.42*	
		For Level 3 Biohazard Cleaning, Add	*2.35*	
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	10.26	
		For Level 1 Biohazard Cleaning, Deduct	*-2.00*	
		For Level 3 Biohazard Cleaning, Add	*3.30*	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	192.11	
		For Level 1 Biohazard Cleaning, Deduct	*-38.42*	
		For Level 3 Biohazard Cleaning, Add	*63.39*	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	13.36	
		For Level 1 Biohazard Cleaning, Deduct	*-2.67*	
		For Level 3 Biohazard Cleaning, Add	*4.40*	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	128.08	
		For Level 1 Biohazard Cleaning, Deduct	*-25.61*	
		For Level 3 Biohazard Cleaning, Add	*42.26*	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	384.20	
		For Level 1 Biohazard Cleaning, Deduct	*-76.84*	
		For Level 3 Biohazard Cleaning, Add	*126.78*	
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning	32.04	
		Note: Includes removal and reinstallation.		
		For Level 1 Biohazard Cleaning, Deduct	*-6.40*	
		For Level 3 Biohazard Cleaning, Add	*10.57*	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.58	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.66	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	

02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	125.71	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	535.44	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Cleanup	1,499.23	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	160.68	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	441.86	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Cleanup	1,205.08	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	34.77	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	95.61	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Cleanup	260.76	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	123.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	508.76	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Cleanup	1,537.34	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Cleanup Note: Required if over 800 hours operation.	153.65	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	342.34	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	684.68	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,369.37	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	456.46	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	912.91	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,825.82	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,008.89	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	2,017.78	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	4,035.55	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,345.18	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	2,690.37	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	5,380.74	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	1,681.48	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	3,362.96	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup	6,725.92	
02 87 19 00-0125	EA	Set-up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	117.31	
02 87 19 00-0126	EA	Set-up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	234.63	
02 87 19 00-0127	EA	Set-up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	703.89	
02 87 19 00-0128	EA	Set-up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	1,407.79	
02 87 19 00-0129	EA	Set-up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Cleanup Note: Includes staking down tent.	2,346.31	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	74.86	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	205.86	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Cleanup	561.44	

02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck *(02 87 19)*

Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.

02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	113.66	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.42*	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	166.60	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.08*	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	172.19	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.15*	
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Cleanup Note: Each first 15 miles per trip	181.53	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.27*	

02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	39.98	

02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters *(02 87 19)*

Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.

02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	46,446.56	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,465.07	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	7,387.88	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	6.87	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	2,027.82	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	33,213.13	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,157.67	
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5) Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	52,276.93	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	314.05	
02 87 19 00-0150	EA	10 Lb. Sledgehammer (AKS-AA268)	95.96	

02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0152		**Bio-Hazard And Infectious Disease Control Labor** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Cleanup	124.81	
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Cleanup	136.59	
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Cleanup	103.65	
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Cleanup	124.63	
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Cleanup	137.06	
02 87 19 00-0158		**Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	11.51	
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	18.61	
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	12.06	
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	129.50	
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	40.21	
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	395.08	
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	54.01	
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	98.12	
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	20.86	
02 87 19 00-0168	EA	Gloves - Rubber (Heavy-Duty) For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment	17.81	
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Cleanup Personal Protection Equipment Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75-Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	2,640.77	
02 87 19 00-0170		**Bio-Hazard And Infectious Disease Control Expendables** *(02 87 19 00-0151)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0043 for temporary walls.		
02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Cleanup	8.97	
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Cleanup	4.34	
02 87 19 00-0173	GAL	Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Cleanup	87.93	
02 87 19 00-0174	GAL	Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Cleanup Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	359.84	
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Cleanup	9.21	
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Cleanup	5.76	
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Cleanup	11.44	
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Cleanup	78.62	
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Cleanup	46.12	
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Cleanup	6.72	
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Cleanup	18.00	
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Cleanup	141.99	

02 89 Hazmat Ancillary Tasks and Support *(02 80)*

02 89 00 00-0001		**Barriers And Protection** *(02 89)* Note: Includes removal and disposal after use.		
02 89 00 00-0002		**Isolation Barriers** *(02 89 00 00-0001)* See CSI section 01 56 16 00-0043 for temporary stud walls.		
02 89 00 00-0003		**Hazmat Containment Construction Plastic Sheeting** *(02 89 00 00-0001)*		
02 89 00 00-0004	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.56	
02 89 00 00-0005	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.74	
02 89 00 00-0006	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.00	
02 89 00 00-0007	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction	0.70	
02 89 00 00-0008	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.88	
02 89 00 00-0009	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.14	
02 89 00 00-0010	EA	Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	131.06	
02 89 00 00-0011	EA	>36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	254.20	
02 89 00 00-0012	EA	>72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	497.39	
02 89 00 00-0013	LF	Caulk Seams With Latex, Hazmat Containment Construction	5.10	
02 89 00 00-0014	SF	2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction	2.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 89 00 00-0015		**Cleaning Surfaces** *(02 89 00 00-0001)* Note: Other surfaces outside contamination area but not contaminated by, or part of removal.		
02 89 00 00-0016	SF	Up To 100 SF, Clean Non-Asbestos Surface	2.29	
02 89 00 00-0017	SF	>100 To 500 SF, Clean Non-Asbestos Surface	1.61	
02 89 00 00-0018	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	1.05	
02 89 00 00-0019	SF	>1,000 SF, Clean Non-Asbestos Surface	0.82	
02 89 00 00-0020		**Decontamination Chambers** *(02 89)* Note: Includes removal after use.		
02 89 00 00-0021	EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,019.34	
02 89 00 00-0022	EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,200.89	
02 89 00 00-0023	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	617.86	
		For Dismantling And Relocation To A Different Area, Add	*387.32*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 10 Right of Way Clearing *(02 90)*

02 90 10 00-0001		**Haul Chipped Debris** *(02 90 10)* Note: Excludes chipping the debris. Debris is chipped and loaded by others typically at a temporary vegetative debris staging site		
02 90 10 00-0002	TON	Up To 15 Miles, Load And Haul Chipped Or Ground Debris To Designated Area	81.54	
02 90 10 00-0003	TON	>15 Miles To 30 Miles, Load And Haul Chipped Or Ground Debris To Designated Area	96.64	
02 90 10 00-0004	TON	>30 Miles To 60 Miles, Load And Haul Chipped Or Ground Debris To Designated Area	126.84	

02 90 20 Vegetation Removal and Maintenance *(02 90)*

02 90 20 00-0001		**Remove And Haul Stumps** *(02 90 20)*		
02 90 20 00-0002	EA	6" To 24" Diameter, Removal And Hauling Of Stumps	403.80	
02 90 20 00-0003	EA	>24" To 48" Diameter, Removal And Hauling Of Stumps	1,144.11	
02 90 20 00-0004	EA	>48" Diameter, Removal And Hauling Of Stumps	1,581.58	
02 90 20 00-0005		**Remove Trees and Place on Right-of-Way** *(02 90 20)*		
02 90 20 00-0006	EA	13" - 24" DBH Tree Removal and Place on Right-of-Way	455.64	
02 90 20 00-0007	EA	>24 - 48" DBH Tree Removal and Place on Right-of-Way	1,852.73	
02 90 20 00-0008	EA	>48 - 72" DBH Tree Removal and Place on Right-of-Way	2,450.38	
02 90 20 00-0009	EA	>72" DBH Tree Removal and Place on Right-of-Way	4,083.97	
02 90 20 00-0010		**Remove Hanging Limbs From Tree** *(02 90 20)*		
02 90 20 00-0011	EA	Removal Of Hanging Limbs From Tree, Per Each Tree	476.18	

02 90 50 Cleaning and Disaster Cleanup *(02 90)*

02 90 50 00-0001		**Non-Mold Contaminated Wet Material Removal** *(02 90 50)* Note: For materials not requiring mold abatement.		
02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up	30.79	
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up	7.49	
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up	0.62	
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.75	
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.73	
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	1.14	
02 90 50 00-0008		**Cleaning** *(02 90 50)* Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required		
02 90 50 00-0009		**Clean Furnishings** *(02 90 50 00-0008)*		
02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Disaster Clean-up	29.53	
		For Medium Clean, Add	*12.40*	
		For Heavy Clean, Add	*38.39*	
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.64	
		For Medium Clean, Add	*0.69*	
		For Heavy Clean, Add	*2.13*	
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.95	
		For Medium Clean, Add	*1.24*	
		For Heavy Clean, Add	*3.84*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.53	
		For Medium Clean, Add	*3.58*	
		For Heavy Clean, Add	*11.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	27.56	
		For Medium Clean, Add	*11.58*	
		For Heavy Clean, Add	*35.83*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	169.98	
		For Medium Clean, Add	*71.39*	
		For Heavy Clean, Add	*220.97*	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	34.78	
		For Medium Clean, Add	*14.61*	
		For Heavy Clean, Add	*45.21*	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	32.82	
		For Medium Clean, Add	*13.78*	
		For Heavy Clean, Add	*42.67*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	7.20	
		For Medium Clean, Add	*3.02*	
		For Heavy Clean, Add	*9.36*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	9.21	
		For Medium Clean, Add	*3.87*	
		For Heavy Clean, Add	*11.97*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.55	
		For Medium Clean, Add	*3.17*	
		For Heavy Clean, Add	*9.82*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	14.76	
		For Medium Clean, Add	*6.20*	
		For Heavy Clean, Add	*19.19*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.55	
		For Medium Clean, Add	*3.17*	
		For Heavy Clean, Add	*9.82*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	13.13	
		For Medium Clean, Add	*5.51*	
		For Heavy Clean, Add	*17.07*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	3.15	
		For Medium Clean, Add	*1.32*	
		For Heavy Clean, Add	*4.10*	

02 90 50 00-0025 Clean Hard Surfaces *(02 90 50 00-0008)*

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.43	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.56*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.58	
		For Medium Clean, Add	*2.34*	
		For Heavy Clean, Add	*7.25*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	6.33	
		For Medium Clean, Add	*2.66*	
		For Heavy Clean, Add	*8.23*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.45	
		For Medium Clean, Add	*0.19*	
		For Heavy Clean, Add	*0.59*	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.33	
		For Medium Clean, Add	*0.14*	
		For Heavy Clean, Add	*0.43*	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.97	
		For Medium Clean, Add	*0.41*	
		For Heavy Clean, Add	*1.26*	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.86	
		For Medium Clean, Add	*0.36*	
		For Heavy Clean, Add	*1.12*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.46	
		For Medium Clean, Add	*0.19*	
		For Heavy Clean, Add	*0.60*	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.38	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.49*	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.40	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.52*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.30	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.39*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.33	
		For Medium Clean, Add	*0.14*	
		For Heavy Clean, Add	*0.43*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.19	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.25*	
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	69.21	
		For Medium Clean, Add	*29.07*	
		For Heavy Clean, Add	*89.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	86.51	
		For Medium Clean, Add	*36.33*	
		For Heavy Clean, Add	*112.46*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	103.81	
		For Medium Clean, Add	*43.60*	
		For Heavy Clean, Add	*134.95*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	121.11	
		For Medium Clean, Add	*50.87*	
		For Heavy Clean, Add	*157.44*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up	0.76	
		For Medium Clean, Add	*0.32*	
		For Heavy Clean, Add	*0.99*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.54	
		For Medium Clean, Add	*0.65*	
		For Heavy Clean, Add	*2.00*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.77	
		For Medium Clean, Add	*0.74*	
		For Heavy Clean, Add	*2.30*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.62	
		For Medium Clean, Add	*0.68*	
		For Heavy Clean, Add	*2.11*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.85	
		For Medium Clean, Add	*0.78*	
		For Heavy Clean, Add	*2.41*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.98	
		For Medium Clean, Add	*0.83*	
		For Heavy Clean, Add	*2.57*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.28	
		For Medium Clean, Add	*0.96*	
		For Heavy Clean, Add	*2.96*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up	13.60	
		For Medium Clean, Add	*5.71*	
		For Heavy Clean, Add	*17.68*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up	32.04	
		For Medium Clean, Add	*13.46*	
		For Heavy Clean, Add	*41.65*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up	27.69	
		For Medium Clean, Add	*11.63*	
		For Heavy Clean, Add	*36.00*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up	19.69	
		For Medium Clean, Add	*8.27*	
		For Heavy Clean, Add	*25.60*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up	19.88	
		For Medium Clean, Add	*8.35*	
		For Heavy Clean, Add	*25.84*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up	9.13	
		For Medium Clean, Add	*3.83*	
		For Heavy Clean, Add	*11.87*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up	5.88	
		For Medium Clean, Add	*2.47*	
		For Heavy Clean, Add	*7.64*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	16.40	
		For Medium Clean, Add	*6.89*	
		For Heavy Clean, Add	*21.32*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	63.00	
		For Medium Clean, Add	*26.46*	
		For Heavy Clean, Add	*81.90*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up	5.91	
		For Medium Clean, Add	*2.48*	
		For Heavy Clean, Add	*7.68*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	40.90	
		For Medium Clean, Add	*17.18*	
		For Heavy Clean, Add	*53.17*	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	36.42	
		For Medium Clean, Add	*15.30*	
		For Heavy Clean, Add	*47.35*	

02 90 50 00-0068 Clean Electrical *(02 90 50 00-0008)*

02 90 50 00-0069	EA	Electric Fan, Light Clean For Disaster Clean-up	24.29	
		For Medium Clean, Add	*10.20*	
		For Heavy Clean, Add	*31.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Disaster Clean-up	26.25	
		For Medium Clean, Add	*11.03*	
		For Heavy Clean, Add	*34.13*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Disaster Clean-up	34.13	
		For Medium Clean, Add	*14.33*	
		For Heavy Clean, Add	*44.37*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	23.96	
		For Medium Clean, Add	*10.06*	
		For Heavy Clean, Add	*31.15*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Disaster Clean-up	15.75	
		For Medium Clean, Add	*6.62*	
		For Heavy Clean, Add	*20.48*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Disaster Clean-up	7.22	
		For Medium Clean, Add	*3.03*	
		For Heavy Clean, Add	*9.39*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Disaster Clean-up	5.58	
		For Medium Clean, Add	*2.34*	
		For Heavy Clean, Add	*7.25*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Disaster Clean-up	1.97	
		For Medium Clean, Add	*0.83*	
		For Heavy Clean, Add	*2.56*	

02 90 50 00-0077 Thermal Fog *(02 90 50 00-0008)*

02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	

02 90 50 00-0079 Contents Manipulation *(02 90 50)*

02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.26	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Disaster Clean-up	0.31	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Disaster Clean-up	0.52	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Disaster Clean-up	151.93	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Disaster Clean-up	201.49	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	152.64	

02 90 50 00-0086 Water Disaster Clean-up *(02 90 50)*

02 90 50 00-0087	LF	Detach Baseboard For Disaster Clean-up	0.69	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Disaster Clean-up	1.22	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.50	
02 90 50 00-0090	SF	Water Extraction From Floor For Disaster Clean-up	0.47	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Disaster Clean-up	0.75	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Disaster Clean-up	1.19	
02 90 50 00-0093	SF	Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up	0.38	
02 90 50 00-0094	SF	Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up	0.44	
02 90 50 00-0095	SF	Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up	0.66	
02 90 50 00-0096	SF	Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.97	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Disaster Clean-up	0.92	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.35	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.49	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Disaster Clean-up	1.71	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.52	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Disaster Clean-up	0.29	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Disaster Clean-up	0.29	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF	Apply Anti-microbial Agent For Disaster Clean-up	0.29	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	

02 90 50 00-0107 Board Up And Tarp Up *(02 90 50)*

02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up	0.24	
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	1.58	
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	1.83	
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	1.99	
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	1.98	
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.23	
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.39	

02 90 50 00-0115 Minimum Charge For Disaster Cleanup *(02 90 50)*

02 90 50 00-0116	EA	Minimum Charge For Disaster Cleaning	1,447.55	
02 90 50 00-0117	EA	Minimum Charge For Disaster Water Extraction	279.05	
02 90 50 00-0118	EA	Minimum Charge For Disaster Carpet Cleaning	195.62	

02 90 50 00-0119 Document Restoration *(02 90 50)*

02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	101.02	
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration	50.50	
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	9.41	
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	10.38	
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration	16.14	
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	6.02	
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	10.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	10.11	
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration	303.05	
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	40.40	
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	4.06	
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	4.21	
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	130.36	
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	4.21	
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	4.21	
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	5.23	
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	195.37	
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	5.23	
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	5.23	
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	7.41	
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	260.68	
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	7.41	
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	7.41	
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	10.39	
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	10.39	
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	10.39	
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	325.79	
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	11.52	
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	488.83	
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	11.52	
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	11.52	
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	4.09	
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.95	
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	101.02	
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	141.44	
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	4.09	
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.95	
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	4.06	
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	10.11	
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	40.40	
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration	5.58	
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.76	
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.74	
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.54	
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.09	
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	7.03	
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	14.17	
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	54.65	
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	14.91	
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	181.83	
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	141.44	
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	121.22	
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	161.63	
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	303.05	
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	185.91	
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	40.40	
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	5.05	
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	10.11	
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	135.56	
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	116.19	
02 90 50 00-0180	EA	Minimum Charge For Up To 48 CF, Irradiation - Gamma For Document Restoration	3,195.22	
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	29.05	
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,345.87	
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	225.04	
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	10.11	
02 90 50 00-0185	CF	Ozoning For Document Restoration	6.32	
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	11.70	
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.10	
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	32.51	

02 90 55 Emergency Clean-up *(02 90)*

02 90 55 00-0001 Emergency Clean-up *(02 90 55)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

02 90 55 00-0002 Emergency Clean-up Labor *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

02 90 55 00-0003	HR	Skilled Tradesman For Emergency Cleanup	62.16	
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Cleanup	43.51	
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Cleanup	59.83	
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Cleanup	97.90	
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Cleanup	81.58	
02 90 55 00-0008	HR	Senior Project Manager For Emergency Cleanup	114.22	
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Cleanup	163.17	
02 90 55 00-0010	HR	Equipment Technician For Emergency Cleanup	119.66	
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Cleanup	59.57	
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Cleanup	81.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0013	HR	Administrative Personnel For Emergency Cleanup	38.07	
02 90 55 00-0014	HR	Project Accountant For Emergency Cleanup	62.16	
02 90 55 00-0015	HR	Biohazard Technician For Emergency Cleanup	86.38	
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Cleanup	103.86	
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Cleanup	93.24	
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Cleanup	67.34	
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Cleanup	65.27	
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Cleanup	53.87	
02 90 55 00-0021	HR	Mobilzation Support For Emergency Cleanup	33.15	

02 90 55 00-0022 Emergency Clean-up Equipment *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

02 90 55 00-0023 General Emergency Clean-up Equipment *(02 90 55 00-0022)*

02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	125.71	
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	479.57	
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,312.99	
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	39.42	
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	88.86	
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	245.29	
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	61.32	
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	156.44	
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	369.19	
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	337.90	
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	907.34	
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	2,528.03	
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	763.42	
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	2,014.92	
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	5,431.51	
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	71.73	
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	203.78	
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	700.99	
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	66.84	
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	179.32	
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	464.61	
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	106.94	
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	305.17	
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	852.92	
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	994.41	
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,983.22	
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,949.65	
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	78.25	
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	176.06	
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	469.50	
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	97.81	
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	220.08	
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	586.87	
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	73.36	
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	104.33	
02 90 55 00-0059	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	285.28	
02 90 55 00-0060	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	798.80	
02 90 55 00-0061	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	127.16	
02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	432.00	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	823.25	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	118.21	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	325.08	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	886.59	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up	40.76	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	24.45	
02 90 55 00-0069	DAY	Demolition Cart, 1 Yard For Emergency Clean-up	65.21	
02 90 55 00-0070	WK	Demolition Cart, 1 Yard For Emergency Clean-up	179.32	
02 90 55 00-0071	MO	Demolition Cart, 1 Yard For Emergency Clean-up	489.06	
02 90 55 00-0072	DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	81.51	
02 90 55 00-0073	WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	224.15	
02 90 55 00-0074	MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	611.32	
02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	122.26	
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,752.59	
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up	34.77	
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up	95.61	
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up	260.76	
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up	50.07	
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up	137.68	
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up	375.50	
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	196.82	
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up	541.27	
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,476.18	
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	165.56	
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	455.30	
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,241.72	
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up	19.56	
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up	53.80	
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up	146.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	135.02	
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	371.31	
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,012.67	
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	145.70	
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up	27.71	
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	25.03	
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up	30.60	
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up	41.72	
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up	114.73	
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up	312.91	
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up	73.36	
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up	201.74	
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up	550.19	
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up	173.84	
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	97.81	
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	139.07	
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up	208.61	
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up	139.07	
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up	105.96	
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up	40.76	
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up	1,739.09	
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up	13.04	
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up	35.86	
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up	97.81	
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	88.10	
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	259.20	
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	887.19	
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	173.71	
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	409.47	
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,141.56	
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	186.12	
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	465.31	
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,253.23	
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.69	
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up	34.77	
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	250.24	
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	124.22	
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up	202.53	
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	273.37	
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	269.14	
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up Note: Includes Mileage	224.14	
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,010.87	
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	34.77	
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	95.61	
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	260.76	
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	118.21	
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	325.08	
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	886.59	
02 90 55 00-0140	DAY	Vacuum - Upright For Emergency Clean-up	29.70	
02 90 55 00-0141	WK	Vacuum - Upright For Emergency Clean-up	81.69	
02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	222.79	
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	50.54	
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	125.53	
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	301.59	
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	50.54	
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	125.53	
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	317.89	
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	115.74	
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	309.74	
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	864.01	
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	34.77	
02 90 55 00-0153	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	95.61	
02 90 55 00-0154	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	260.76	
02 90 55 00-0155	DAY	10' x 10' Canopy For Emergency Clean-up	102.70	
02 90 55 00-0156	WK	10' x 10' Canopy For Emergency Clean-up	205.41	
02 90 55 00-0157	MO	10' x 10' Canopy For Emergency Clean-up	410.81	
02 90 55 00-0158	DAY	10' x 20' Canopy For Emergency Clean-up	205.41	
02 90 55 00-0159	WK	10' x 20' Canopy For Emergency Clean-up	410.81	
02 90 55 00-0160	MO	10' x 20' Canopy For Emergency Clean-up	821.62	
02 90 55 00-0161	DAY	16' x 16' Canopy For Emergency Clean-up	257.57	
02 90 55 00-0162	WK	16' x 16' Canopy For Emergency Clean-up	515.14	
02 90 55 00-0163	MO	16' x 16' Canopy For Emergency Clean-up	1,030.29	
02 90 55 00-0164	DAY	20' x 20' Canopy For Emergency Clean-up	342.34	
02 90 55 00-0165	WK	20' x 20' Canopy For Emergency Clean-up	684.68	
02 90 55 00-0166	MO	20' x 20' Canopy For Emergency Clean-up	1,369.37	
02 90 55 00-0167	DAY	20' x 30' Canopy For Emergency Clean-up	391.25	
02 90 55 00-0168	WK	20' x 30' Canopy For Emergency Clean-up	782.50	
02 90 55 00-0169	MO	20' x 30' Canopy For Emergency Clean-up	1,564.99	
02 90 55 00-0170	DAY	20' x 40' Canopy For Emergency Clean-up	456.46	
02 90 55 00-0171	WK	20' x 40' Canopy For Emergency Clean-up	912.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0172	MO	20' x 40' Canopy For Emergency Clean-up	1,825.82	
02 90 55 00-0173	DAY	First Aid Station For Emergency Clean-up	246.49	
02 90 55 00-0174	WK	First Aid Station For Emergency Clean-up	677.84	
02 90 55 00-0175	MO	First Aid Station For Emergency Clean-up	1,848.65	
02 90 55 00-0176	DAY	Portable Eyewash Station For Emergency Clean-up	74.86	
02 90 55 00-0177	WK	Portable Eyewash Station For Emergency Clean-up	205.86	
02 90 55 00-0178	MO	Portable Eyewash Station For Emergency Clean-up	561.44	
02 90 55 00-0179	DAY	2 Way Radio For Emergency Clean-up	40.67	
02 90 55 00-0180		**Technical/Electronics Restoration Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0181	DAY	Computer - Diagnostic For Emergency Clean-up	40.76	
02 90 55 00-0182	WK	Computer - Diagnostic For Emergency Clean-up	112.08	
02 90 55 00-0183	MO	Computer - Diagnostic For Emergency Clean-up	305.66	
02 90 55 00-0184	DAY	Convection Oven - Large For Emergency Clean-up	785.83	
02 90 55 00-0185	WK	Convection Oven - Large For Emergency Clean-up	2,161.04	
02 90 55 00-0186	MO	Convection Oven - Large For Emergency Clean-up	5,893.73	
02 90 55 00-0187	DAY	Convection Oven - Small For Emergency Clean-up	146.72	
02 90 55 00-0188	WK	Convection Oven - Small For Emergency Clean-up	403.47	
02 90 55 00-0189	MO	Convection Oven - Small For Emergency Clean-up	1,100.38	
02 90 55 00-0190	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,121.59	
02 90 55 00-0191	WK	Convection Oven - Vacuum For Emergency Clean-up	3,084.36	
02 90 55 00-0192	MO	Convection Oven - Vacuum For Emergency Clean-up	8,411.90	
02 90 55 00-0193	DAY	Decontamination Booth For Emergency Clean-up	927.15	
02 90 55 00-0194	WK	Decontamination Booth For Emergency Clean-up	2,549.67	
02 90 55 00-0195	MO	Decontamination Booth For Emergency Clean-up	6,953.66	
02 90 55 00-0196	DAY	DI Water System For Emergency Clean-up	72.01	
02 90 55 00-0197	WK	DI Water System For Emergency Clean-up	198.03	
02 90 55 00-0198	MO	DI Water System For Emergency Clean-up	540.09	
02 90 55 00-0199	DAY	ESD Bench Workstation For Emergency Clean-up	44.11	
02 90 55 00-0200	WK	ESD Bench Workstation For Emergency Clean-up	121.30	
02 90 55 00-0201	MO	ESD Bench Workstation For Emergency Clean-up	330.81	
02 90 55 00-0202	DAY	Heater/Enclosure Control System For Emergency Clean-up	24.45	
02 90 55 00-0203	WK	Heater/Enclosure Control System For Emergency Clean-up	67.25	
02 90 55 00-0204	MO	Heater/Enclosure Control System For Emergency Clean-up	183.40	
02 90 55 00-0205	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	113.42	
02 90 55 00-0206	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	311.90	
02 90 55 00-0207	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	850.64	
02 90 55 00-0208	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	366.80	
02 90 55 00-0209	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,008.69	
02 90 55 00-0210	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	2,750.96	
02 90 55 00-0211	DAY	Mobile Laboratory For Emergency Clean-up	1,018.88	
02 90 55 00-0212	WK	Mobile Laboratory For Emergency Clean-up	2,801.91	
02 90 55 00-0213	MO	Mobile Laboratory For Emergency Clean-up	7,641.56	
02 90 55 00-0214	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	19.56	
02 90 55 00-0215	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	53.80	
02 90 55 00-0216	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	146.72	
02 90 55 00-0217	DAY	Odell Cleaning Station For Emergency Clean-up	570.57	
02 90 55 00-0218	WK	Odell Cleaning Station For Emergency Clean-up	1,569.07	
02 90 55 00-0219	MO	Odell Cleaning Station For Emergency Clean-up	4,279.28	
02 90 55 00-0220	DAY	Parts Washer For Emergency Clean-up	40.76	
02 90 55 00-0221	WK	Parts Washer For Emergency Clean-up	112.08	
02 90 55 00-0222	MO	Parts Washer For Emergency Clean-up	305.66	
02 90 55 00-0223	DAY	Ultrasonic Cleaning System For Emergency Clean-up	337.56	
02 90 55 00-0224	WK	Ultrasonic Cleaning System For Emergency Clean-up	928.28	
02 90 55 00-0225	MO	Ultrasonic Cleaning System For Emergency Clean-up	2,531.67	
02 90 55 00-0226	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	160.68	
02 90 55 00-0227	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	441.86	
02 90 55 00-0228	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,205.08	
02 90 55 00-0229		**Drying/Dehumidification Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0230	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	173.84	
02 90 55 00-0231	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	478.06	
02 90 55 00-0232	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	1,303.80	
02 90 55 00-0233	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	59.36	
02 90 55 00-0234	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	163.24	
02 90 55 00-0235	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	445.20	
02 90 55 00-0236	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	98.93	
02 90 55 00-0237	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	272.07	
02 90 55 00-0238	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	742.00	
02 90 55 00-0239	DAY	Injectidry System For Emergency Clean-up	215.56	
02 90 55 00-0240	WK	Injectidry System For Emergency Clean-up	592.80	
02 90 55 00-0241	MO	Injectidry System For Emergency Clean-up	1,616.72	
02 90 55 00-0242	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	139.07	
02 90 55 00-0243	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	382.45	
02 90 55 00-0244	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,043.04	
02 90 55 00-0245	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	165.56	
02 90 55 00-0246	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	455.30	
02 90 55 00-0247	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,241.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0248	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	192.05	
02 90 55 00-0249	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	528.14	
02 90 55 00-0250	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,440.39	
02 90 55 00-0251	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	205.30	
02 90 55 00-0252	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	564.57	
02 90 55 00-0253	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,539.73	
02 90 55 00-0254	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	205.30	
02 90 55 00-0255	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	564.57	
02 90 55 00-0256	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,539.73	
02 90 55 00-0257	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	231.79	
02 90 55 00-0258	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	637.42	
02 90 55 00-0259	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	1,738.41	
02 90 55 00-0260	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	486.75	
02 90 55 00-0261	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,338.57	
02 90 55 00-0262	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	3,650.65	
02 90 55 00-0263	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	834.44	
02 90 55 00-0264	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,294.70	
02 90 55 00-0265	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	6,258.26	
02 90 55 00-0266	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,284.76	
02 90 55 00-0267	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	3,533.10	
02 90 55 00-0268	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	9,635.74	
02 90 55 00-0269	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,284.76	
02 90 55 00-0270	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	3,533.10	
02 90 55 00-0271	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	9,635.74	
02 90 55 00-0272	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,341.72	
02 90 55 00-0273	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	3,689.73	
02 90 55 00-0274	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	10,062.89	
02 90 55 00-0275	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	1,668.87	
02 90 55 00-0276	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	4,589.39	
02 90 55 00-0277	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	12,516.52	
02 90 55 00-0278	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	1,877.48	
02 90 55 00-0279	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	5,163.07	
02 90 55 00-0280	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	14,081.09	
02 90 55 00-0281	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,016.55	
02 90 55 00-0282	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	5,545.52	
02 90 55 00-0283	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	15,124.13	
02 90 55 00-0284	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	2,649.00	
02 90 55 00-0285	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	7,284.75	
02 90 55 00-0286	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	19,867.50	
02 90 55 00-0287	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	2,781.45	
02 90 55 00-0288	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	7,648.99	
02 90 55 00-0289	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	20,860.88	
02 90 55 00-0290	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	660.83	
02 90 55 00-0291	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,817.28	
02 90 55 00-0292	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,956.23	
02 90 55 00-0293	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	915.00	
02 90 55 00-0294	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,516.24	
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,862.47	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	834.44	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,294.70	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,258.26	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,112.58	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,059.60	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	8,344.35	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,877.48	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,163.07	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	14,081.09	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,086.09	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,736.74	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	15,645.66	
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up	27.81	
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up	76.49	
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up	208.61	
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up	40.76	
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up	112.08	
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up	305.66	
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	9,567.86	
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	26,311.62	
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	71,758.97	

02 90 55 00-0317 Power Equipment *(02 90 55 00-0022)*

02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up	1,258.72	
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up	2,130.15	
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up	2,077.59	
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,582.52	
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,841.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up	7,289.80	
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up	7,455.52	
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	9,972.98	
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	15,007.88	
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	32.53	
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	155.89	
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up	337.56	
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	58.58	
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up	54.22	
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up	4.08	

02 90 55 00-0333 Freight Charges *(02 90 55 00-0022)*

02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.04	
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	3.67	
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	3.67	
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	5.30	

02 90 55 00-0338 Emergency Clean-up Personal Protection Equipment *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

02 90 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	11.51	
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	14.08	
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	14.76	
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	18.61	
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	129.50	
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.04	
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	5.89	
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	39.54	
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	31.64	
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	39.54	
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	40.21	
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	44.83	
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.05	
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	20.86	
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.44	
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.37	
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	1.76	
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	4.19	
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	5.74	
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	6.43	
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	10.44	
02 90 55 00-0360	EA	Heavy-Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	17.81	
02 90 55 00-0361	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	12.06	
02 90 55 00-0362	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	19.89	
02 90 55 00-0363	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	5.28	
02 90 55 00-0364	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	6.95	

02 90 55 00-0365 Emergency Clean-up Expendables *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Cleanup sections.

02 90 55 00-0366 General Materials *(02 90 55 00-0365)*

02 90 55 00-0367	GAL	Adhesive Remover For Emergency Clean-up	83.44	
02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up	27.79	
02 90 55 00-0369	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up	35.46	
02 90 55 00-0370	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	4.40	
02 90 55 00-0371	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	6.68	
02 90 55 00-0372	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	6.68	
02 90 55 00-0373	GAL	Bleach For Emergency Clean-up	8.97	
02 90 55 00-0374	EA	Small Stainless Brush For Emergency Clean-up	7.20	
02 90 55 00-0375	EA	2-1/2 Gallon Buckets For Emergency Clean-up	6.89	
02 90 55 00-0376	EA	5 Gallon Bucket For Emergency Clean-up	10.43	
02 90 55 00-0377	GAL	Carpet Defoamer For Emergency Clean-up	26.84	
02 90 55 00-0378	GAL	Carpet Pre-treat For Emergency Clean-up	26.64	
02 90 55 00-0379	GAL	Carpet Spotter For Emergency Clean-up	44.65	
02 90 55 00-0380	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0381	ROL	Carpet Masking/Shield For Emergency Clean-up	111.47	
02 90 55 00-0382	EA	Chemical Sponge For Emergency Clean-up	3.28	
02 90 55 00-0383	GAL	Clear Seal For Emergency Clean-up	112.19	
02 90 55 00-0384	GAL	Coil Cleaner For Emergency Clean-up	76.74	
02 90 55 00-0385	EA	Decontamination Chamber For Emergency Clean-up	333.47	
02 90 55 00-0386	GAL	All Purpose Degreaser For Emergency Clean-up	36.72	
02 90 55 00-0387	GAL	Heavy-Duty Degreaser For Emergency Clean-up	43.69	
02 90 55 00-0388	GAL	De-Foamer Liquid For Emergency Clean-up	48.25	
02 90 55 00-0389	EA	Deodorization Membrane For Emergency Clean-up	93.46	
02 90 55 00-0390	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	144.24	
02 90 55 00-0391	LB	Deodorizing Gel For Emergency Clean-up	33.89	
02 90 55 00-0392	GAL	Deodorizing Liquid For Emergency Clean-up	49.56	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0393	PAIL	Deodorizing Block For Emergency Clean-up	8.52	
02 90 55 00-0394	GAL	Disinfectant/Anti-microbial For Emergency Clean-up	87.93	
02 90 55 00-0395	GAL	BruClean Disinfectant For Emergency Clean-up	39.04	
02 90 55 00-0396	GAL	Dryclean For Emergency Clean-up	38.94	
02 90 55 00-0397	GAL	Duct Sealant Spray For Emergency Clean-up	58.69	
02 90 55 00-0398	GAL	Antifungal Duct Sealant For Emergency Clean-up	84.77	
02 90 55 00-0399	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	130.08	
02 90 55 00-0400	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.53	
02 90 55 00-0401	GAL	Encapsulant For Emergency Clean-up	118.10	
02 90 55 00-0402	GAL	Aftershock Fiberlocke For Emergency Clean-up	103.70	
02 90 55 00-0403	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up	100.66	
02 90 55 00-0404	GAL	IAS 6000 Fiberlocke For Emergency Clean-up	103.52	
02 90 55 00-0405	ROL	Filter Material For Emergency Clean-up	299.07	
02 90 55 00-0406	EA	Blue Paper Collection Bag Filter For Emergency Clean-up	8.06	
02 90 55 00-0407	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	639.66	
02 90 55 00-0408	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up	3.07	
02 90 55 00-0409	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up	13.66	
02 90 55 00-0410	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up	48.64	
02 90 55 00-0411	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	462.65	
02 90 55 00-0412	EA	Pleated Dehumidifier Filter For Emergency Clean-up	12.21	
02 90 55 00-0413	GAL	Floor Stripper For Emergency Clean-up	18.26	
02 90 55 00-0414	GAL	Floor Wax For Emergency Clean-up	26.08	
02 90 55 00-0415	GAL	Fogger (Thermal) For Emergency Clean-up	152.98	
02 90 55 00-0416	BOX	Furniture Blocks For Emergency Clean-up	123.22	
02 90 55 00-0417	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up	16.60	
02 90 55 00-0418	GAL	Glass Cleaner For Emergency Clean-up	11.07	
02 90 55 00-0419	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	19.36	
02 90 55 00-0420	EA	Halogen Light Bulbs For Emergency Clean-up	18.62	
02 90 55 00-0421	QT	Hand Sanitizer For Emergency Clean-up	9.21	
02 90 55 00-0422	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	7.58	
02 90 55 00-0423	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	23.59	
02 90 55 00-0424	GAL	HVAC Coal Cleaner For Emergency Clean-up	68.77	
02 90 55 00-0425	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	165.97	
02 90 55 00-0426	EA	Utility Knives For Emergency Clean-up	14.35	
02 90 55 00-0427	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	142.37	
02 90 55 00-0428	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	150.30	
02 90 55 00-0429	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	299.26	
02 90 55 00-0430	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	432.55	
02 90 55 00-0431	GAL	Lemon Oil For Emergency Clean-up	44.50	
02 90 55 00-0432	GAL	LPS 1/Mecca Lube For Emergency Clean-up	47.39	
02 90 55 00-0433	GAL	LPS 2 For Emergency Clean-up	50.16	
02 90 55 00-0434	GAL	LPS Contact Cleaner For Emergency Clean-up	49.92	
02 90 55 00-0435	GAL	Light Lubricant Preserve For Emergency Clean-up	173.25	
02 90 55 00-0436	GAL	Heavy Lubricant Preserver For Emergency Clean-up	26.08	
02 90 55 00-0437	GAL	Machinery Cleaning Solvent For Emergency Clean-up	213.06	
02 90 55 00-0438	GAL	Metal Polishing Paste For Emergency Clean-up	32.07	
02 90 55 00-0439	GAL	MediClean® Disinfectant For Emergency Clean-up	52.71	
02 90 55 00-0440	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	64.70	
02 90 55 00-0441	EA	Mop Heads For Emergency Clean-up	7.90	
02 90 55 00-0442	EA	Nylon Scouring Pads For Emergency Clean-up	1.43	
02 90 55 00-0443	GAL	Odor Neutralizer For Emergency Clean-up	44.65	
02 90 55 00-0444	EA	Packing Paper, 25 Lb. Bundle For Emergency Clean-up	86.31	
02 90 55 00-0445	EA	Paint Brushes For Emergency Clean-up	6.52	
02 90 55 00-0446	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	201.27	
02 90 55 00-0447	EA	Putty Knives For Emergency Clean-up	5.91	
02 90 55 00-0448	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	43.92	
02 90 55 00-0449	GAL	Reodorant For Emergency Clean-up	110.85	
02 90 55 00-0450	GAL	Restoracide For Emergency Clean-up	52.00	
02 90 55 00-0451	GAL	Rust Remover For Emergency Clean-up	77.88	
02 90 55 00-0452	EA	Saltesmo Test Samples For Emergency Clean-up	7.24	
02 90 55 00-0453	EA	Sand Bag For Emergency Clean-up Note: Excludes sand material	1.90	
02 90 55 00-0454	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	34.56	
02 90 55 00-0455	EA	Small Scrub Brushes For Emergency Clean-up	16.56	
02 90 55 00-0456	GAL	Clear Soot Sealant For Emergency Clean-up	90.32	
02 90 55 00-0457	GAL	Pigmented Soot Sealant For Emergency Clean-up	243.58	
02 90 55 00-0458	ROL	Shrinkwrap Plastic For Emergency Clean-up	56.07	
02 90 55 00-0459	EA	Dry Sponges For Emergency Clean-up	5.76	
02 90 55 00-0460	EA	Spray Adhesive, Per Can For Emergency Clean-up	5.85	
02 90 55 00-0461	EA	Spray Bot./Trigger For Emergency Clean-up	5.03	
02 90 55 00-0462	GAL	Stain Remover For Emergency Clean-up	40.33	
02 90 55 00-0463	GAL	Stainless Steel Cleaner For Emergency Clean-up	11.02	
02 90 55 00-0464	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	14.46	
02 90 55 00-0465	LB	Sweeping Compound For Emergency Clean-up	0.71	
02 90 55 00-0466	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	11.44	
02 90 55 00-0467	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	10.77	
02 90 55 00-0468	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	28.69	
02 90 55 00-0469	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	15.32	
02 90 55 00-0470	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	4.73	
02 90 55 00-0471	LB	Terry Towels For Emergency Clean-up	6.72	
02 90 55 00-0472	GAL	Thermal Fog For Emergency Clean-up	90.74	
02 90 55 00-0473	ROL	1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	35.60	
02 90 55 00-0474	ROL	3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	86.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0475	ROL	4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	110.85	
02 90 55 00-0476	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	141.99	
02 90 55 00-0477	EA	Trisodium Phosphate, 20 Lb. Pail For Emergency Clean-up	47.59	
02 90 55 00-0478	EA	Backpack Vacuum Bags For Emergency Clean-up	1.60	
02 90 55 00-0479	EA	Upright Vacuum Bags For Emergency Clean-up	2.14	
02 90 55 00-0480	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0481	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	46.12	
02 90 55 00-0482	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	125.24	
02 90 55 00-0483	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	170.89	
02 90 55 00-0484	LB	Wipes, Cotton Cloth For Emergency Clean-up	4.84	
02 90 55 00-0485	ROL	12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	140.66	
02 90 55 00-0486	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.00	
02 90 55 00-0487	EA	Zip Wall Zippers For Emergency Clean-up	21.35	
02 90 55 00-0488	EA	Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll Note: 3.3 gallon volume absorption capacity per roll	34.77	
02 90 55 00-0489	EA	Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100 Note: 26 OZ volume absorption capacity per pad	52.17	
02 90 55 00-0490	EA	Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100 Note: 33 OZ volume absorption capacity per pad	54.96	
02 90 55 00-0491	EA	Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100 Note: 45 OZ volume absorption capacity per pad	89.74	

02 90 55 00-0492 Technical/Electronics Restoration Materials *(02 90 55 00-0365)*

02 90 55 00-0493	EA	Brush - Brass For Emergency Clean-up	4.89	
02 90 55 00-0494	EA	1" Brush, Natural Bristle For Emergency Clean-up	1.56	
02 90 55 00-0495	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.30	
02 90 55 00-0496	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.11	
02 90 55 00-0497	EA	Brush - Parts For Emergency Clean-up	6.78	
02 90 55 00-0498	EA	Brush - Plastic For Emergency Clean-up	3.52	
02 90 55 00-0499	EA	Brush - Wire Grout For Emergency Clean-up	9.45	
02 90 55 00-0500	EA	Brushing Tool For Emergency Clean-up	18.23	
02 90 55 00-0501	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.33	
02 90 55 00-0502	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.39	
02 90 55 00-0503	EA	Contact Restorer, Per Can For Emergency Clean-up	29.65	
02 90 55 00-0504	EA	Contact Spray, Per Can For Emergency Clean-up	20.17	
02 90 55 00-0505	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.13	
02 90 55 00-0506	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	8.97	
02 90 55 00-0507	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	11.62	
02 90 55 00-0508	LB	Cotton Cleaning Cloths For Emergency Clean-up	18.34	
02 90 55 00-0509	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.29	
02 90 55 00-0510	EA	24" x 24" Dust Cloths For Emergency Clean-up	0.80	
02 90 55 00-0511	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	14.37	
02 90 55 00-0512	GAL	Electronic Grade Detergent For Emergency Clean-up	40.51	
02 90 55 00-0513	SHT	Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0514	GAL	Isopropyl Alcohol For Emergency Clean-up	107.34	
02 90 55 00-0515	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	174.69	
02 90 55 00-0516	GAL	PC Board Detergent For Emergency Clean-up	83.75	
02 90 55 00-0517	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	137.68	
02 90 55 00-0518	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	138.71	
02 90 55 00-0519	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	148.27	
02 90 55 00-0520	LB	Wipes, Lint Free Cloths For Emergency Clean-up	7.61	
02 90 55 00-0521	EA	Wire Marker Card For Emergency Clean-up	2.28	
02 90 55 00-0522	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.53	

END OF SECTION 02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

03 01 20 Maintenance of Concrete Reinforcing *(03 01)*

03 01 20 00-0001 Rebar Coating *(03 01 20)*

03 01 20 00-0002	SF	20 Mil Thick, Cementitious Epoxy Resin Compensated 3-Component, Solvent-Free, Coating Material With Corrosion Inhibitor, And Reinforcement Corrosion Protection - Per Coat (Sika® Armatec®-110 EpoCem)	2.65	

03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

See CSI section 09 01 90 52-0002 for cleaning of concrete surfaces.

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*

Note: Includes containment and cleanup of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting	4.02	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.17*	
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting	5.74	
		For Up To 100, Add	*6.90*	
		For >100 To 250, Add	*1.73*	
		For >250 To 500, Add	*0.86*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.35*	

03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Floor Resurfacing *(03 01 30 71-0001)*

03 01 30 71-0003	SF	1/4" Interior Floor Self-leveling, Colored Cementitious Topping	5.27
03 01 30 71-0004	SF	1/2" Interior Floor Self-leveling, Colored Cementitious Topping	7.22
03 01 30 71-0005	SF	1" Interior Floor Self-leveling, Colored Cementitious Topping	13.42

03 01 30 71-0006 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0007 Decks Or Floors *(03 01 30 71-0006)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar	7.12
03 01 30 71-0009	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	22.63
03 01 30 71-0010	SF	Patch Decks Or Floors With Non-Slip Aggregate, White Aluminum Oxide Grit	0.63
03 01 30 71-0011	CF	Patch Decks Or Floors With Rapid Set Polymer Concrete Methylmethacrylate	214.84
03 01 30 71-0012	CF	Patch Decks Or Floors With SSI FlexPatch	465.10

03 01 30 71-0013 Verticals Or Overheads *(03 01 30 71-0006)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0014	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	10.65
03 01 30 71-0015	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	30.90
03 01 30 71-0016	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	34.80
03 01 30 71-0017	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	9.46
03 01 30 71-0018	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	16.73

03 01 30 71-0019 Circular Piers *(03 01 30 71-0006)*

03 01 30 71-0020	SF	Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound	13.20
03 01 30 71-0021	SF	Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	22.71

03 01 30 71-0022 Soffit Repair *(03 01 30 71-0006)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0023	LF	Up To 16" Wide Concrete Soffit Repair	21.97
03 01 30 71-0024	LF	>16" To 20" Wide Concrete Soffit Repair	22.97
03 01 30 71-0025	LF	>20" To 24" Wide Concrete Soffit Repair	25.13
03 01 30 71-0026	LF	>24" To 30" Wide Concrete Soffit Repair	27.39
03 01 30 71-0027	LF	>30" To 36" Wide Concrete Soffit Repair	29.12

03 01 30 71-0028 Edge Repair *(03 01 30 71-0006)*

Note: Includes mesh. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0029	LF	2" Spall Concrete Edge Repair	22.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0030	LF	3" Spall Concrete Edge Repair	23.75	
03 01 30 71-0031	LF	4" Spall Concrete Edge Repair	24.45	
03 01 30 71-0032	LF	6" Spall Concrete Edge Repair	25.26	
03 01 30 71-0033	LF	8" Spall Concrete Edge Repair	26.67	
03 01 30 71-0034	LF	9" Spall Concrete Edge Repair	29.94	
03 01 30 71-0035	CF	Patch Edge, Portland Cement Based Repair Material	181.68	
03 01 30 71-0036	CF	Patch Edge, Rapid Setting Concrete Repair Material	248.72	
03 01 30 71-0037	CF	Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate	256.16	
03 01 30 71-0038	CF	Patch Edge With SSI Flex Patch	507.98	

03 01 30 71-0039 Concrete Materials *(03 01 30 71-0006)*

Note: Excludes saw cutting, sand blasting and forming.

03 01 30 71-0040	SF	Sika Ferroguard® 903	1.77	
03 01 30 71-0041	SF	Sika-Guard 701W	2.02	
03 01 30 71-0042	SF	Sika 550W Pearl Ash	1.15	
03 01 30 71-0043	SF	Sika Top 144 Gray	2.92	

03 01 30 71-0044 Bridge Deck Treatment *(03 01 30 71-0006)*

03 01 30 71-0045	SF	Sweep Bridge Deck	0.02	
03 01 30 71-0046	SF	Clean Bridge Deck	0.03	
03 01 30 71-0047	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.35	

03 01 30 71-0048 Concrete Grinding *(03 01 30 71-0006)*

03 01 30 71-0049	SF	Grinding Cured, Warped, Or Rough Concete Slabs Note: Up to 1/8" of material per pass	1.22	

03 01 30 71-0050 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0051 Concrete Patching *(03 01 30 71-0050)*

03 01 30 71-0052 Walls *(03 01 30 71-0051)*

03 01 30 71-0053	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 Lb. of 3/8" pea gravel).	181.36	
		For Up To 10, Add	*65.81*	
		For >10 To 25, Add	*39.49*	
		For >25 To 50, Add	*26.32*	
		For >50 To 75, Add	*13.16*	
03 01 30 71-0054	BAG	Sika Grout 212, 50 Lb. Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	124.78	
		For Up To 10, Add	*41.67*	
		For >10 To 25, Add	*25.00*	
		For >25 To 50, Add	*16.67*	
		For >50 To 75, Add	*8.33*	
03 01 30 71-0055	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	42.80	
03 01 30 71-0056	BAG	Pea Gravel	32.22	
03 01 30 71-0057	BAG	Sika Top 123, 44 Lb. Bag	184.29	
03 01 30 71-0058	BAG	Sika Top 121 Plus Kit Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.	176.99	
03 01 30 71-0059	BAG	Sika Top 122 Plus Kit Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./ unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 Lb. 3/8" pea gravel).	196.00	
03 01 30 71-0060	BAG	Sika Top 123 Plus Kit Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.	192.58	

03 01 30 71-0061 Spall Concrete Repair *(03 01 30 71-0001)*

Note: Includes removal of defective concrete with chipping hammers, water blasting, cleaning of rebar, formwork, cementitious mortar, curing, and finishing.

03 01 30 71-0062	SF	Spall Concrete Repair, Up To 3/4" Deep On Vertical/Overhead Surfaces	97.78	
		For Up To 100, Add	*69.29*	
		For >100 To 250, Add	*34.65*	
03 01 30 71-0063	SF	Spall Concrete Repair, >3/4" To 1-1/2" Deep On Vertical/Overhead Surfaces	113.45	
		For Up To 100, Add	*77.00*	
		For >100 To 250, Add	*38.50*	
03 01 30 71-0064	SF	Spall Concrete Repair, >1-1/2" To 3" Deep On Vertical/Overhead Surfaces	170.17	
		For Up To 100, Add	*115.50*	
		For >100 To 250, Add	*57.75*	
03 01 30 71-0065	SF	Spall Concrete Repair, >3" To 4" Deep On Vertical/Overhead Surfaces	221.76	
		For Up To 100, Add	*150.15*	
		For >100 To 250, Add	*75.08*	
03 01 30 71-0066	SF	Spall Concrete Repair, Up To 3/4" Deep On Floor Surfaces	70.07	
		For Up To 100, Add	*48.51*	
		For >100 To 250, Add	*24.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0067	SF	Spall Concrete Repair, >3/4" To 1-1/2" Deep On Floor Surfaces	82.64	
		For Up To 100, Add	*53.90*	
		For >100 To 250, Add	*26.95*	
03 01 30 71-0068	SF	Spall Concrete Repair, >1-1/2" To 3" Deep On Floor Surfaces	123.97	
		For Up To 100, Add	*80.85*	
		For >100 To 250, Add	*40.43*	
03 01 30 71-0069	SF	Spall Concrete Repair, >3" To 4" Deep On Floor Surfaces	161.70	
		For Up To 100, Add	*105.11*	
		For >100 To 250, Add	*52.55*	
03 01 30 71-0070		Concrete Cleaning *(03 01 30 71-0001)*		
		See CSI section 09 01 90 52-0002 for pressure washing concrete.		
03 01 30 71-0071	SF	Up To 10 SF, Clean Calcite/Staining On Concrete With Brush	23.08	
03 01 30 71-0072	SF	>10 To 100 SF, Clean Calcite/Staining On Concrete With Brush	16.21	
03 01 30 71-0073	SF	>100 To 500 SF, Clean Calcite/Staining On Concrete With Brush	11.37	
03 01 30 71-0074	SF	>500 To 1,000 SF, Clean Calcite/Staining On Concrete With Brush	7.99	
03 01 30 71-0075	SF	>1,000 To 2,500 SF, Clean Calcite/Staining On Concrete With Brush	5.62	
03 01 30 71-0076	SF	>2,500 SF, Clean Calcite/Staining On Concrete With Brush	3.96	
03 01 30 71-0077		Crack Repair For Concrete *(03 01 30 71-0001)*		
03 01 30 71-0078		Non-Structural Crack Repair For Concrete *(03 01 30 71-0077)*		
03 01 30 71-0079		Surface Applied, Non-Structural Crack Repair For Concrete *(03 01 30 71-0078)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0080	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	7.54	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0081	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	9.85	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0082	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	7.68	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0083	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	10.14	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0084	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	8.21	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0085	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	11.18	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0086	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	8.59	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0087	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	11.94	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0088	LF	Up To 1/4" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	6.53	
		For V-Grooving Crack With Grinder, Add	*5.18*	
03 01 30 71-0089	LF	Up To 1/4" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	7.81	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0090	LF	>1/4" To 1/2" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	7.81	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0091	LF	>1/4" To 1/2" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	10.40	
		For V-Grooving Crack With Grinder, Add	*7.77*	
03 01 30 71-0092		Pressure Injected, Non-Structural Crack Repair For Concrete *(03 01 30 71-0078)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0093	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	32.88	
		For Cracks Accessible From Both Sides, Add	*6.69*	
03 01 30 71-0094		Structural Crack Repair For Concrete *(03 01 30 71-0077)*		
03 01 30 71-0095		Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0094)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0096	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	8.68	
		For V-Grooving Crack With Grinder, Add	*6.04*	
03 01 30 71-0097	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	12.14	
		For V-Grooving Crack With Grinder, Add	*5.89*	
03 01 30 71-0098	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	8.48	
		For V-Grooving Crack With Grinder, Add	*6.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 01 30 71-0099	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	11.73	
			For V-Grooving Crack With Grinder, Add	*5.89*	
	03 01 30 71-0100	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	10.18	
			For V-Grooving Crack With Grinder, Add	*6.04*	
	03 01 30 71-0101	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	15.13	
			For V-Grooving Crack With Grinder, Add	*5.89*	
	03 01 30 71-0102		**Pressure Injected, Structural Crack Repair For Concrete** *(03 01 30 71-0094)*		
			Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
	03 01 30 71-0103	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	28.80	
			For Cracks Accessible From Both Sides, Add	*6.69*	
	03 01 30 71-0104	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	28.59	
			For Cracks Accessible From Both Sides, Add	*6.69*	
	03 01 30 71-0105		**Surface Applied Polyurethane Elastomeric Sealant (Sikaflex®-2c NS EZ Mix)** *(03 01 30 71-0077)*		
			Note: Includes removing all debris and contaminants accessible within the crack using hand tools, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, etc.		
	03 01 30 71-0106	LF	1/4" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.01	
	03 01 30 71-0107	LF	3/8" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.18	
	03 01 30 71-0108	LF	1/2" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.40	
	03 01 30 71-0109	LF	3/8" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.46	
	03 01 30 71-0110	LF	1/2" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.74	
	03 01 30 71-0111	LF	3/4" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	5.03	
	03 01 30 71-0112	LF	1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	4.18	
	03 01 30 71-0113	LF	3/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	4.76	
	03 01 30 71-0114	LF	1" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	5.34	
	03 01 30 71-0115	LF	1-1/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	5.92	
	03 01 30 71-0116	LF	1-1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	6.60	
	03 01 30 71-0117		**Carbon Fiber Strengthening System** *(03 01 30 71-0001)*		
			Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
	03 01 30 71-0118	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer	93.71	
			Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
			For >500 To 1,000, Deduct	*-6.14*	
			For >1,000 To 2,500, Deduct	*-8.30*	
			For >2,500, Deduct	*-10.83*	
	03 01 30 71-0119	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer	84.40	
			Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
			For >500 To 1,000, Deduct	*-5.44*	
			For >1,000 To 2,500, Deduct	*-7.37*	
			For >2,500, Deduct	*-9.66*	
	03 01 30 71-0120	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer	79.17	
			Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
			For >500 To 1,000, Deduct	*-5.05*	
			For >1,000 To 2,500, Deduct	*-6.85*	
			For >2,500, Deduct	*-9.01*	
	03 01 30 71-0121	SF	Carbon Fiber Strengthening System For Concrete Walls, Per Layer	76.27	
			Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
			For >500 To 1,000, Deduct	*-4.83*	
			For >1,000 To 2,500, Deduct	*-6.56*	
			For >2,500, Deduct	*-8.65*	
	03 01 30 71-0122	SF	Carbon Fiber Strengthening System For Concrete Slab, Per Layer	72.19	
			Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.		
			For >500 To 1,000, Deduct	*-4.53*	
			For >1,000 To 2,500, Deduct	*-6.15*	
			For >2,500, Deduct	*-8.14*	
	03 01 30 71-0123		**High Modulus Carbon Fiber Fabric (V-Wrap™ C200HM)** *(03 01 30 71-0001)*		
			Note: V-Wrap C200HM is a unidirectional carbon fiber fabric with fiber oriented in the 0° direction. V-Wrap C200HM system is field laminated using two-part 100% solids and high strength structural adhesives.		
	03 01 30 71-0124	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Columns	72.98	
	03 01 30 71-0125	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Ceiling Slabs	68.54	
	03 01 30 71-0126	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Walls	66.07	
	03 01 30 71-0127		**Carbon Fiber Strengthening Fabric (SikaWrap)** *(03 01 30 71-0001)*		
	03 01 30 71-0128	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Columns (SikaWrap® Hex-103 C)	63.37	
	03 01 30 71-0129	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Ceiling Slabs (SikaWrap® Hex-103 C)	58.93	
	03 01 30 71-0130	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Walls (SikaWrap® Hex-103 C)	56.46	
	03 01 30 71-0131	SF	5 Mil Thick, Water Dispersed, Acrylic, Protective, Anti-Carbonation Coating (Sikagard®-670 W)	1.55	
			Note: Adhesive for Carbon fiber warp application		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0132		Concrete Rehabilitation *(03 01 30 71)*		
03 01 30 71-0133		Corrosive Inhibitor *(03 01 30 71-0132)*		
03 01 30 71-0134	SF	Corrosive Inhibitor	6.20	
03 01 30 71-0135		Remove Cracked Or Damaged Concrete Surfacing Material *(03 01 30 71)*		
03 01 30 71-0136	SF	Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces Note: Excludes patching materials	20.53	
03 01 30 71-0137	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	27.20	
03 01 30 71-0138	SF	Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	33.88	
03 01 30 71-0139	SF	Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	45.17	
03 01 30 71-0140	SF	Removal Of Concrete <3/4" Deep On Overhead Surfaces Note: Excludes patching materials	41.06	
03 01 30 71-0141	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces Note: Excludes patching materials.	54.41	
03 01 30 71-0142	SF	Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces Note: Excludes patching materials.	67.76	
03 01 30 71-0143	SF	Removal Of Concrete >3" To 4" Deep On Overhead Surfaces Note: Excludes patching materials.	90.35	
03 01 30 72		**Strengthening Of Cast-in-Place Concrete** *(03 01 30)*		
03 01 30 72-0001		Concrete Surface Repairs *(03 01 30 72)*		
03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.41	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001		Concrete Admixtures *(03 05 13)*		
03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	8.11	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	5.62	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	8.74	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	17.47	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	15.60	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	31.20	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	6.74	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	13.14	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	9.36	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	18.72	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	6.24	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	14.98	
03 05 13 00-0014	CY	1 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	13.31	
03 05 13 00-0015	CY	1-1/2 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	19.97	
03 05 13 00-0016	CY	25 Lb./CY Steel Fibers, Concrete Admixture	35.49	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture	99.84	
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture	37.44	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add	19.97	
03 05 13 00-0020	CY	Chilled Water, Concrete Add	19.97	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	39.57	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	65.94	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	126.61	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	175.85	

03 10 Concrete Forming and Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001		Wood Formwork *(03 11 13)* Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0002		Foundation Wood Formwork *(03 11 13 00-0001)* Note: For foundation work below or at grade.		
03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	8.85	
		For <1,000, Add	*1.63*	
		For Foundations >8' Below Grade, Add	*1.57*	
		For Curved Formwork, Add	*3.13*	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	10.50	
		For <1,000, Add	*1.96*	
		For Foundations >8' Below Grade, Add	*1.89*	
		For Curved Formwork, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	11.99	
		For <1,000, Add	*2.28*	
		For Foundations >8' Below Grade, Add	*2.22*	
		For Curved Formwork, Add	*4.43*	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	9.95	
		For <1,000, Add	*1.87*	
		For Foundations >8' Below Grade, Add	*1.81*	
		For Curved Formwork, Add	*3.62*	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork	14.18	
		Note: Excludes footing		
		For <1,000, Add	*2.65*	
		For Foundations >8' Below Grade, Add	*2.56*	
		For Curved Formwork, Add	*5.12*	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	6.77	
		For Foundations >8' Below Grade, Add	*1.25*	
		For Curved Formwork, Add	*2.49*	
		For Up To 250, Add	*1.28*	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	9.77	
		For Foundations >8' Below Grade, Add	*1.74*	
		For Curved Formwork, Add	*3.48*	
		For Up To 250, Add	*1.81*	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	12.43	
		For Foundations >8' Below Grade, Add	*2.25*	
		For Curved Formwork, Add	*4.50*	
		For <1,000, Add	*2.33*	

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	52.72	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	76.67	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	95.96	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	137.02	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	196.36	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	258.82	

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	15.82	
		For Curved Formwork, Add	*5.78*	
		For <1,000, Add	*2.98*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	18.75	
		For Curved Formwork, Add	*6.86*	
		For <1,000, Add	*3.54*	

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	20.69	
		For Curved Formwork, Add	*7.54*	
		For <1,000, Add	*3.89*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	13.10	
		For Curved Formwork, Add	*4.81*	
		For <1,000, Add	*2.48*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF	Elevated Slab Wood Formwork	12.33	
		For <1,000, Add	*2.24*	

03 11 13 00-0027 Metal Framed Formwork *(03 11 13)*

Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0028 Foundation Metal Framed Formwork *(03 11 13 00-0027)*

Note: For foundation work below or at grade.

03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	8.66	
		For <1,000, Add	*1.53*	
		For Foundations >8' Below Grade, Add	*1.43*	
		For Curved Formwork, Add	*2.86*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	9.53	
		For <1,000, Add	*1.70*	
		For Foundations >8' Below Grade, Add	*1.60*	
		For Curved Formwork, Add	*3.19*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	10.80	
		For <1,000, Add	*1.90*	
		For Foundations >8' Below Grade, Add	*1.77*	
		For Curved Formwork, Add	*3.54*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	9.12	
		For <1,000, Add	*1.60*	
		For Foundations >8' Below Grade, Add	*1.49*	
		For Curved Formwork, Add	*2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork Note: Excludes footing.	13.67	
		For <1,000, Add	*2.46*	
		For Foundations >8' Below Grade, Add	*2.32*	
		For Curved Formwork, Add	*4.63*	
03 11 13 00-0034		**Slab Edge And Block-Out Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.86	
		For Foundations >8' Below Grade, Add	*1.13*	
		For Curved Formwork, Add	*2.26*	
		For <250, Add	*1.14*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	7.36	
		For Foundations >8' Below Grade, Add	*1.40*	
		For Curved Formwork, Add	*2.81*	
		For <250, Add	*1.43*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	8.16	
		For Foundations >8' Below Grade, Add	*1.55*	
		For Curved Formwork, Add	*3.11*	
		For <1,000, Add	*1.58*	
03 11 13 00-0038		**Column Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0039		**Square Columns** *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	54.62	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	66.32	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	78.04	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	93.09	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	112.31	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	135.15	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	173.62	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	214.58	
03 11 13 00-0048		**Round Columns** *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	62.58	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	68.90	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	78.31	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	89.92	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	105.26	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	119.90	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	158.80	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	215.54	
03 11 13 00-0057		**Above Grade Wall Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	8.80	
		For Curved Formwork, Add	*2.69*	
		For <1,000, Add	*1.48*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	10.84	
		For Curved Formwork, Add	*3.25*	
		For <1,000, Add	*1.81*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)* Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	8.67	
		For Curved Formwork, Add	*2.51*	
		For <1,000, Add	*1.41*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	6.62	
		For Curved Formwork, Add	*1.97*	
		For <1,000, Add	*1.10*	
03 11 13 00-0063		**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)* Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	11.73	
		For <1,000, Add	*1.72*	
03 11 13 00-0065		**Fiber Tube Formwork** *(03 11 13)* Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	20.79	
		For Plastic Lined, Add	*0.88*	
		For Columns >12' In Length, Add	*2.08*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	22.02	
		For Plastic Lined, Add	*1.04*	
		For Columns >12' In Length, Add	*2.20*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	24.49	
		For Plastic Lined, Add	*1.25*	
		For Columns >12' In Length, Add	*2.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	30.53	
		For Plastic Lined, Add	*2.23*	
		For Columns >12' In Length, Add	*3.05*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	34.39	
		For Plastic Lined, Add	*2.82*	
		For Columns >12' In Length, Add	*3.44*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	37.61	
		For Plastic Lined, Add	*3.51*	
		For Columns >12' In Length, Add	*3.76*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	40.61	
		For Plastic Lined, Add	*4.11*	
		For Columns >12' In Length, Add	*4.06*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	46.52	
		For Plastic Lined, Add	*5.58*	
		For Columns >12' In Length, Add	*4.65*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	48.69	
		For Plastic Lined, Add	*5.81*	
		For Columns >12' In Length, Add	*4.87*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	51.14	
		For Plastic Lined, Add	*6.13*	
		For Columns >12' In Length, Add	*5.11*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	53.32	
		For Plastic Lined, Add	*6.62*	
		For Columns >12' In Length, Add	*5.33*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	55.48	
		For Plastic Lined, Add	*7.10*	
		For Columns >12' In Length, Add	*5.55*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	57.67	
		For Plastic Lined, Add	*7.59*	
		For Columns >12' In Length, Add	*5.77*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	66.93	
		For Plastic Lined, Add	*9.76*	
		For Columns >12' In Length, Add	*6.69*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	107.16	
		For Plastic Lined, Add	*21.40*	
		For Columns >12' In Length, Add	*10.72*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	131.16	
		For Plastic Lined, Add	*28.16*	
		For Columns >12' In Length, Add	*13.12*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	239.18	
		For Plastic Lined, Add	*59.87*	
		For Columns >12' In Length, Add	*23.92*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	266.63	
		For Plastic Lined, Add	*67.56*	
		For Columns >12' In Length, Add	*26.66*	

03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.35

03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.47
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.88
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.32

03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	11.91

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.16
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	17.27
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.89
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	23.97
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	30.97
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	69.89

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.98
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.86
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	10.31

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	20.10	
		For Curved Formwork, Add	*7.68*	
		For <1,000, Add	*3.90*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	39.45	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*14.89*	
		For <1,000, Add	*7.59*	

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	17.19	
		For Curved Formwork, Add	*6.31*	
		For <1,000, Add	*3.25*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	31.46	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*11.67*	
		For <1,000, Add	*5.99*	

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	9.16
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.30
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	12.43
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	13.65
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	20.61
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.12
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	12.65
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	22.53
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	17.75

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.13
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.62
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.57
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.44
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	12.01
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.35

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	8.13
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	12.50
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	14.06
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	15.93

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.66	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	8.00	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	3.94	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	9.09	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	5.61	1.04
		For Installation In Walls, Add	*1.97*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	10.20	1.04
		For Installation In Walls, Add	*3.19*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	4.05	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.94	1.04
		For Installation In Walls, Add	*1.75*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	12.60	1.04
		For Installation In Walls, Add	*1.97*	

03 15 16 00-0011 Premolded Expansion Joints *(03 15 16)*

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.51	1.15
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.88	1.21
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.11	1.27
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.35	1.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.75	1.15
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.06	1.21
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.46	1.27
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	4.01	1.32
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.48	1.10
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.71	1.15
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.97	1.21
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.20	1.27
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.47	1.32
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.87	1.38
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.17	1.44
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.69	1.50
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.99	1.21
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.44	1.27
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.22	1.38
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.35	1.91

03 15 16 00-0033 Cork, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.33	1.21
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.87	1.32
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	5.30	1.38
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	7.47	1.44
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.95	1.50
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	8.77	1.91
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	10.19	1.91
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	10.84	1.91

03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.72	1.21
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.84	1.27
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.99	1.32
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.49	1.38
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.80	1.21
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.93	1.27
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.05	1.32
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.36	1.38

03 15 16 00-0051 Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.75	1.21
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	3.01	1.27
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	3.35	1.38

03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.65	1.15
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.59	1.15

03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*

03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 Lb. Felt Bond Breaker	1.32	0.87
		>1,250, Deduct	*-0.07*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 Lb. Felt Bond Breaker	1.24	0.87
		>1,250, Deduct	*-0.06*	

03 15 16 00-0061 Keyed Cold Expansion And Control Joints *(03 15 16)*

03 15 16 00-0062 24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*

03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.61	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	6.73	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	6.96	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	7.39	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	9.23	

03 15 16 00-0068 Expansion Control Systems *(03 15 16)*

03 15 16 00-0069 Wabo Jeene "FW" Traffic Series Expansion Control System *(03 15 16 00-0068)*

Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation.

03 15 16 00-0070	LF	1" x 1-1/4" Jeene "FW" Expansion Joint System Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	95.92	6.98
03 15 16 00-0071	LF	1-5/8" x 2" Jeene "FW" Expansion Joint System Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	118.51	7.91
03 15 16 00-0072	LF	2" x 2-1/2" Jeene "FW" Expansion Joint System Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	137.42	8.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0073	LF	2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	163.81	9.65
03 15 16 00-0074	LF	3" x 3-3/4" Jeene "FW" Expansion Joint System Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	205.93	10.58
03 15 16 00-0075	LF	3-7/8" x 5" Jeene "FW" Expansion Joint System Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	243.54	11.40
03 15 16 00-0076	LF	5" x 6-1/8" Jeene "FW" Expansion Joint System Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	397.91	12.33
03 15 16 00-0077		Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System *(03 15 16 00-0068)* Note: Wabo®ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy-duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals.		
03 15 16 00-0078	LF	1-1/2" ElastoFlex "EFJ" Expansion Joint System Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	181.51	9.24
03 15 16 00-0079	LF	2-1/2" ElastoFlex "EFJ" Expansion Joint System Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	225.60	11.55
03 15 16 00-0080	LF	3-3/4" ElastoFlex "EFJ" Expansion Joint System Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	283.25	13.86
03 15 16 00-0081	LF	1-1/2" ElastoFlex "EFJ-C" Expansion Joint System Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	138.68	9.24
03 15 16 00-0082	LF	2-1/2" ElastoFlex "EFJ-C" Expansion Joint System Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	180.27	11.55
03 15 16 00-0083	LF	3-3/4" ElastoFlex "EFJ-C" Expansion Joint System Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	240.42	13.86
03 15 16 00-0084		Emseal Seismic Colorseal Expansion Joint System *(03 15 16 00-0068)* Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.		
03 15 16 00-0085	LF	1" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	60.36	4.65
03 15 16 00-0086	LF	1-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	89.32	5.35
03 15 16 00-0087	LF	2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	123.40	6.05
03 15 16 00-0088	LF	2-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	152.88	6.63
03 15 16 00-0089	LF	3" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	188.23	7.33
03 15 16 00-0090	LF	3-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	231.90	8.02
03 15 16 00-0091	LF	4" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	278.13	8.73
03 15 16 00-0092	LF	4-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	319.76	9.31
03 15 16 00-0093	LF	5" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	363.44	10.00
03 15 16 00-0094		Emseal Thermaflex Watertight Expansion Joint System *(03 15 16 00-0068)* Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.		
03 15 16 00-0095	LF	1-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	102.45	6.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0096	LF	2-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	109.49	8.08
03 15 16 00-0097	EA	Thermaflex TM Fittings Expansion Joint System Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	523.55	23.09

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*

Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.70
		For Galvanized, Add	*3.07*
		For Stainless Steel, Add	*21.46*
		For >10 To 50, Deduct	*-0.33*
		For >50 To 100, Deduct	*-0.81*
		For >100, Deduct	*-1.62*
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.88
		For Galvanized, Add	*3.91*
		For Stainless Steel, Add	*27.34*
		For >10 To 50, Deduct	*-0.35*
		For >50 To 100, Deduct	*-0.90*
		For >100, Deduct	*-1.80*
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.42
		For Galvanized, Add	*5.38*
		For Stainless Steel, Add	*37.66*
		For >10 To 50, Deduct	*-0.38*
		For >50 To 100, Deduct	*-1.04*
		For >100, Deduct	*-2.07*
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	21.72
		For Galvanized, Add	*7.03*
		For Stainless Steel, Add	*49.21*
		For >10 To 50, Deduct	*-0.38*
		For >50 To 100, Deduct	*-1.12*
		For >100, Deduct	*-2.24*
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	27.12
		For Galvanized, Add	*9.39*
		For Stainless Steel, Add	*65.70*
		For >10 To 50, Deduct	*-0.42*
		For >50 To 100, Deduct	*-1.30*
		For >100, Deduct	*-2.61*
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.64
		For Galvanized, Add	*10.73*
		For Stainless Steel, Add	*75.08*
		For >10 To 50, Deduct	*-0.46*
		For >50 To 100, Deduct	*-1.46*
		For >100, Deduct	*-2.91*

03 15 19 00-0010 3/4" And 7/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.49
		For Galvanized, Add	*10.65*
		For Stainless Steel, Add	*74.55*
		For >10 To 50, Deduct	*-0.46*
		For >50 To 100, Deduct	*-1.45*
		For >100, Deduct	*-2.90*
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	35.03
		For Galvanized, Add	*12.41*
		For Stainless Steel, Add	*86.87*
		For >10 To 50, Deduct	*-0.51*
		For >50 To 100, Deduct	*-1.64*
		For >100, Deduct	*-3.28*
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.27
		For Galvanized, Add	*15.90*
		For Stainless Steel, Add	*111.27*
		For >10 To 50, Deduct	*-0.57*
		For >50 To 100, Deduct	*-1.94*
		For >100, Deduct	*-3.89*
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	52.94
		For Galvanized, Add	*20.04*
		For Stainless Steel, Add	*140.25*
		For >10 To 50, Deduct	*-0.64*
		For >50 To 100, Deduct	*-2.29*
		For >100, Deduct	*-4.58*
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.59
		For Galvanized, Add	*14.56*
		For Stainless Steel, Add	*101.89*
		For >10 To 50, Deduct	*-0.57*
		For >50 To 100, Deduct	*-1.88*
		For >100, Deduct	*-3.75*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.98	
		For Galvanized, Add	*17.43*	
		For Stainless Steel, Add	*122.01*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.37*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.77	
		For Galvanized, Add	*23.23*	
		For Stainless Steel, Add	*162.61*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.39*	
03 15 19 00-0018		1" And 1-1/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.77	
		For Galvanized, Add	*18.83*	
		For Stainless Steel, Add	*131.78*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	60.62	
		For Galvanized, Add	*22.66*	
		For Stainless Steel, Add	*158.59*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.33*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	75.18	
		For Galvanized, Add	*28.41*	
		For Stainless Steel, Add	*198.84*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.26*	
		For >100, Deduct	*-6.51*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	92.38	
		For Galvanized, Add	*34.71*	
		For Stainless Steel, Add	*242.94*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.03*	
		For >100, Deduct	*-8.06*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.48	
		For Galvanized, Add	*23.54*	
		For Stainless Steel, Add	*164.78*	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.23*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	73.46	
		For Galvanized, Add	*28.33*	
		For Stainless Steel, Add	*198.28*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-3.10*	
		For >100, Deduct	*-6.19*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	91.19	
		For Galvanized, Add	*35.51*	
		For Stainless Steel, Add	*248.57*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.79*	
		For >100, Deduct	*-7.59*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	111.97	
		For Galvanized, Add	*43.38*	
		For Stainless Steel, Add	*303.66*	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.69*	
		For >100, Deduct	*-9.38*	
03 15 19 00-0027		1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	74.80	
		For Galvanized, Add	*29.42*	
		For Stainless Steel, Add	*205.94*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-3.07*	
		For >100, Deduct	*-6.13*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	89.45	
		For Galvanized, Add	*35.42*	
		For Stainless Steel, Add	*247.91*	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-3.63*	
		For >100, Deduct	*-7.27*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	111.13	
		For Galvanized, Add	*44.40*	
		For Stainless Steel, Add	*310.77*	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-4.45*	
		For >100, Deduct	*-8.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	136.36	
		For Galvanized, Add	*54.22*	
		For Stainless Steel, Add	*379.54*	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-11.01*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	91.45	
		For Galvanized, Add	*36.78*	
		For Stainless Steel, Add	*257.43*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-3.63*	
		For >100, Deduct	*-7.26*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	109.40	
		For Galvanized, Add	*44.26*	
		For Stainless Steel, Add	*309.82*	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-4.30*	
		For >100, Deduct	*-8.60*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	136.07	
		For Galvanized, Add	*55.51*	
		For Stainless Steel, Add	*388.54*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-5.28*	
		For >100, Deduct	*-10.56*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	166.87	
		For Galvanized, Add	*67.78*	
		For Stainless Steel, Add	*474.46*	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-6.52*	
		For >100, Deduct	*-13.04*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.49	
		For Galvanized, Add	*8.14*	
		For Stainless Steel, Add	*56.98*	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.59	
		For Galvanized, Add	*10.06*	
		For Stainless Steel, Add	*70.39*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.18	
		For Galvanized, Add	*11.53*	
		For Stainless Steel, Add	*80.71*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.78*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.25	
		For Galvanized, Add	*11.97*	
		For Stainless Steel, Add	*83.79*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.50	
		For Galvanized, Add	*12.57*	
		For Stainless Steel, Add	*87.96*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.93*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.67	
		For Galvanized, Add	*10.10*	
		For Stainless Steel, Add	*70.67*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.31*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.64	
		For Galvanized, Add	*11.76*	
		For Stainless Steel, Add	*82.32*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.80*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.28	
		For Galvanized, Add	*13.49*	
		For Stainless Steel, Add	*94.40*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.37	
		For Galvanized, Add	*14.00*	
		For Stainless Steel, Add	*98.00*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.07*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	52.39	
		For Galvanized, Add	*14.71*	
		For Stainless Steel, Add	*102.97*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.07*	
03 15 19 00-0048		1" And 1-1/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.01	
		For Galvanized, Add	*12.95*	
		For Stainless Steel, Add	*90.62*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.92*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.42	
		For Galvanized, Add	*14.56*	
		For Stainless Steel, Add	*101.89*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.93	
		For Galvanized, Add	*16.28*	
		For Stainless Steel, Add	*113.96*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.06	
		For Galvanized, Add	*17.05*	
		For Stainless Steel, Add	*119.32*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.70*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.67	
		For Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*124.95*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.19*	
		For >100, Deduct	*-6.38*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	66.88	
		For Galvanized, Add	*20.69*	
		For Stainless Steel, Add	*144.80*	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-3.59*	
		For >100, Deduct	*-7.17*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	79.05	
		For Galvanized, Add	*24.21*	
		For Stainless Steel, Add	*169.47*	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-4.27*	
		For >100, Deduct	*-8.55*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.36	
		For Galvanized, Add	*17.03*	
		For Stainless Steel, Add	*119.18*	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.48	
		For Galvanized, Add	*19.06*	
		For Stainless Steel, Add	*133.39*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.79*	
		For >100, Deduct	*-5.58*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.85	
		For Galvanized, Add	*19.94*	
		For Stainless Steel, Add	*139.58*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.99*	
		For >100, Deduct	*-5.99*	
03 15 19 00-0059		1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.55	
		For Galvanized, Add	*20.59*	
		For Stainless Steel, Add	*144.13*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	71.16	
		For Galvanized, Add	*24.10*	
		For Stainless Steel, Add	*168.67*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.00*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	78.75	
		For Galvanized, Add	*27.29*	
		For Stainless Steel, Add	*191.03*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.78*	
		For >100, Deduct	*-7.56*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	87.14	
		For Galvanized, Add	*30.82*	
		For Stainless Steel, Add	*215.71*	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-4.09*	
		For >100, Deduct	*-8.18*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	95.74	
		For Galvanized, Add	*33.52*	
		For Stainless Steel, Add	*234.61*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-4.55*	
		For >100, Deduct	*-9.09*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	104.59	
		For Galvanized, Add	*35.89*	
		For Stainless Steel, Add	*251.23*	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-5.08*	
		For >100, Deduct	*-10.15*	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	115.12	
		For Galvanized, Add	*38.42*	
		For Stainless Steel, Add	*268.94*	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-5.75*	
		For >100, Deduct	*-11.50*	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	130.89	
		For Galvanized, Add	*42.48*	
		For Stainless Steel, Add	*297.36*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-6.72*	
		For >100, Deduct	*-13.43*	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.85	
		For Galvanized, Add	*25.74*	
		For Stainless Steel, Add	*180.18*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.12*	
		For >100, Deduct	*-6.25*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	83.22	
		For Galvanized, Add	*30.13*	
		For Stainless Steel, Add	*210.88*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.61*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	92.39	
		For Galvanized, Add	*34.11*	
		For Stainless Steel, Add	*238.77*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-4.12*	
		For >100, Deduct	*-8.25*	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	102.54	
		For Galvanized, Add	*38.52*	
		For Stainless Steel, Add	*269.61*	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-4.48*	
		For >100, Deduct	*-8.95*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	112.52	
		For Galvanized, Add	*41.91*	
		For Stainless Steel, Add	*293.34*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-4.97*	
		For >100, Deduct	*-9.93*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	122.56	
		For Galvanized, Add	*44.88*	
		For Stainless Steel, Add	*314.13*	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-5.52*	
		For >100, Deduct	*-11.05*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	135.12	
		For Galvanized, Add	*48.42*	
		For Stainless Steel, Add	*338.94*	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-6.25*	
		For >100, Deduct	*-12.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	152.15	
		For Galvanized, Add	*53.11*	
		For Stainless Steel, Add	*371.77*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-7.25*	
		For >100, Deduct	*-14.50*	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	92.24	
		For Galvanized, Add	*35.68*	
		For Stainless Steel, Add	*249.76*	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.74*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	99.02	
		For Galvanized, Add	*37.43*	
		For Stainless Steel, Add	*261.98*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-4.29*	
		For >100, Deduct	*-8.58*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	109.38	
		For Galvanized, Add	*41.18*	
		For Stainless Steel, Add	*288.26*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-4.76*	
		For >100, Deduct	*-9.52*	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	118.69	
		For Galvanized, Add	*44.99*	
		For Stainless Steel, Add	*314.93*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-10.24*	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	128.23	
		For Galvanized, Add	*48.80*	
		For Stainless Steel, Add	*341.60*	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-11.01*	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	140.29	
		For Galvanized, Add	*52.48*	
		For Stainless Steel, Add	*367.36*	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-6.16*	
		For >100, Deduct	*-12.31*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	155.30	
		For Galvanized, Add	*56.77*	
		For Stainless Steel, Add	*397.39*	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-7.01*	
		For >100, Deduct	*-14.03*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	176.95	
		For Galvanized, Add	*62.96*	
		For Stainless Steel, Add	*440.69*	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-8.25*	
		For >100, Deduct	*-16.50*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	130.34	
		For Galvanized, Add	*53.69*	
		For Stainless Steel, Add	*375.80*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.98*	
		For >100, Deduct	*-9.96*	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	135.22	
		For Galvanized, Add	*54.86*	
		For Stainless Steel, Add	*383.99*	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-5.29*	
		For >100, Deduct	*-10.59*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	138.49	
		For Galvanized, Add	*55.74*	
		For Stainless Steel, Add	*390.15*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-5.49*	
		For >100, Deduct	*-10.98*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	157.45	
		For Galvanized, Add	*64.37*	
		For Stainless Steel, Add	*450.59*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-6.09*	
		For >100, Deduct	*-12.18*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	181.43	
		For Galvanized, Add	*74.31*	
		For Stainless Steel, Add	*520.17*	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-7.00*	
		For >100, Deduct	*-13.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	188.86	
		For Galvanized, Add	*75.29*	
		For Stainless Steel, Add	*527.03*	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-7.59*	
		For >100, Deduct	*-15.19*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	208.53	
		For Galvanized, Add	*81.30*	
		For Stainless Steel, Add	*569.10*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-8.66*	
		For >100, Deduct	*-17.32*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	232.54	
		For Galvanized, Add	*87.57*	
		For Stainless Steel, Add	*612.96*	
		For >10 To 50, Deduct	*-2.87*	
		For >50 To 100, Deduct	*-10.12*	
		For >100, Deduct	*-20.24*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	190.47	
		For Galvanized, Add	*81.73*	
		For Stainless Steel, Add	*572.08*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-6.79*	
		For >100, Deduct	*-13.58*	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	207.33	
		For Galvanized, Add	*88.35*	
		For Stainless Steel, Add	*618.45*	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-7.48*	
		For >100, Deduct	*-14.96*	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	227.93	
		For Galvanized, Add	*96.30*	
		For Stainless Steel, Add	*674.10*	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-8.35*	
		For >100, Deduct	*-16.70*	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	245.73	
		For Galvanized, Add	*101.99*	
		For Stainless Steel, Add	*713.90*	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-9.28*	
		For >100, Deduct	*-18.55*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	265.11	
		For Galvanized, Add	*109.59*	
		For Stainless Steel, Add	*767.13*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-10.07*	
		For >100, Deduct	*-20.15*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	285.08	
		For Galvanized, Add	*117.02*	
		For Stainless Steel, Add	*819.14*	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-10.96*	
		For >100, Deduct	*-21.91*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	316.98	
		For Galvanized, Add	*125.68*	
		For Stainless Steel, Add	*879.76*	
		For >10 To 50, Deduct	*-3.28*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-25.69*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	341.95	
		For Galvanized, Add	*138.17*	
		For Stainless Steel, Add	*967.16*	
		For >10 To 50, Deduct	*-3.28*	
		For >50 To 100, Deduct	*-13.47*	
		For >100, Deduct	*-26.94*	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	383.72	
		For Galvanized, Add	*153.59*	
		For Stainless Steel, Add	*1,075.10*	
		For >10 To 50, Deduct	*-3.83*	
		For >50 To 100, Deduct	*-15.33*	
		For >100, Deduct	*-30.67*	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	390.15	
		For Galvanized, Add	*181.57*	
		For Stainless Steel, Add	*1,270.96*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-11.78*	
		For >100, Deduct	*-23.56*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	410.19	
		For Galvanized, Add	*189.78*	
		For Stainless Steel, Add	*1,328.46*	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-12.55*	
		For >100, Deduct	*-25.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	446.96	
		For Galvanized, Add	*205.82*	
		For Stainless Steel, Add	*1,440.71*	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-13.82*	
		For >100, Deduct	*-27.65*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	475.56	
		For Galvanized, Add	*216.90*	
		For Stainless Steel, Add	*1,518.30*	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-15.02*	
		For >100, Deduct	*-30.04*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	502.99	
		For Galvanized, Add	*228.53*	
		For Stainless Steel, Add	*1,599.71*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-32.04*	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	534.14	
		For Galvanized, Add	*241.55*	
		For Stainless Steel, Add	*1,690.85*	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-17.18*	
		For >100, Deduct	*-34.36*	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	575.38	
		For Galvanized, Add	*254.88*	
		For Stainless Steel, Add	*1,784.16*	
		For >10 To 50, Deduct	*-3.28*	
		For >50 To 100, Deduct	*-19.31*	
		For >100, Deduct	*-38.61*	
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	439.80	
		For Galvanized, Add	*205.55*	
		For Stainless Steel, Add	*1,438.82*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-13.15*	
		For >100, Deduct	*-26.30*	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	472.55	
		For Galvanized, Add	*219.87*	
		For Stainless Steel, Add	*1,539.09*	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-14.27*	
		For >100, Deduct	*-28.55*	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	506.94	
		For Galvanized, Add	*234.33*	
		For Stainless Steel, Add	*1,640.31*	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-31.09*	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	540.64	
		For Galvanized, Add	*247.36*	
		For Stainless Steel, Add	*1,731.49*	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-16.96*	
		For >100, Deduct	*-33.92*	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	574.21	
		For Galvanized, Add	*261.59*	
		For Stainless Steel, Add	*1,831.10*	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-18.18*	
		For >100, Deduct	*-36.37*	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	620.99	
		For Galvanized, Add	*281.79*	
		For Stainless Steel, Add	*1,972.53*	
		For >10 To 50, Deduct	*-2.87*	
		For >50 To 100, Deduct	*-19.83*	
		For >100, Deduct	*-39.66*	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	671.12	
		For Galvanized, Add	*297.29*	
		For Stainless Steel, Add	*2,081.00*	
		For >10 To 50, Deduct	*-3.83*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-45.04*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 (1/8" Diameter) - 0.167 Lb./LF, #3 (3/8" Diameter) - 0.376 Ls./LF, #4 (1/2" Diameter) - 0.668 Lb./LF, #5 (5/8" Diameter) - 1.043 Lb./LF, #6 (3/4" Diameter) - 1.502 Lb./LF, #7 (7/8" Diameter) - 2.044 Lb./LF, #8 (1" Diameter) - 2.670 Lb./LF, #9 (1.128" Diameter) - 3.400 Lb./LF, #10 (1.27" Diameter) - 4.303 Lb./LF, #11 (1.41" Diameter) - 5.313 Lb./LF, #14 (1.693" Diameter) - 7.650 Lb./LF, #18 (2.257" Diameter) - 13.600 Lb./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.39	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.09	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.89	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.42	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.54*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.97	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.23	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.08	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.01	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.03	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.21	
		For Up To 100, Add	*3.75*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.02*	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.63	
		For Up To 100, Add	*3.79*	
		For >100 To 200, Add	*2.03*	
		For >200 To 300, Add	*1.01*	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	9.12	
		For Up To 100, Add	*4.58*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	12.70	
		For Up To 100, Add	*6.47*	
		For >100 To 200, Add	*3.43*	
		For >200 To 300, Add	*1.71*	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	21.82	
		For Up To 100, Add	*11.28*	
		For >100 To 200, Add	*5.94*	
		For >200 To 300, Add	*2.97*	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.20	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.17	
		For Up To 100, Add	*2.47*	
		For >100 To 200, Add	*1.42*	
		For >200 To 400, Add	*0.67*	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.23	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.47	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.25*	
		For >200 To 400, Add	*1.07*	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.96	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.12*	
		For >200 To 300, Add	*1.06*	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	9.53	
		For Up To 100, Add	*4.83*	
		For >100 To 200, Add	*2.56*	
		For >200 To 300, Add	*1.28*	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.29	
		For Up To 100, Add	*6.83*	
		For >100 To 200, Add	*3.60*	
		For >200 To 300, Add	*1.80*	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	22.87	
		For Up To 100, Add	*11.91*	
		For >100 To 200, Add	*6.26*	
		For >200 To 300, Add	*3.13*	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.63*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.51	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.29	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.17	
		For Up To 100, Add	*2.37*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.13	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.41*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.41	
		For Up To 100, Add	*3.90*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.88	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.10*	
		For >200 To 300, Add	*1.05*	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	9.43	
		For Up To 100, Add	*4.77*	
		For >100 To 200, Add	*2.53*	
		For >200 To 300, Add	*1.27*	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.14	
		For Up To 100, Add	*6.74*	
		For >100 To 200, Add	*3.56*	
		For >200 To 300, Add	*1.78*	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	22.60	
		For Up To 100, Add	*11.75*	
		For >100 To 200, Add	*6.18*	
		For >200 To 300, Add	*3.09*	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	2.18	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	3.02	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	2.24	
		For Up To 100, Add	*1.57*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	3.10	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.55	
		For Up To 100, Add	*1.08*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	2.32	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	3.21	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	4.18	
		For Up To 100, Add	*2.41*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	5.22	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.77*	
		For >200 To 400, Add	*0.83*	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	6.43	
		For Up To 100, Add	*3.83*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.04*	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	7.88	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.08*	
		For >200 To 300, Add	*1.04*	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	9.41	
		For Up To 100, Add	*4.67*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	13.09	
		For Up To 100, Add	*6.59*	
		For >100 To 200, Add	*3.51*	
		For >200 To 300, Add	*1.75*	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	22.42	
		For Up To 100, Add	*11.46*	
		For >100 To 200, Add	*6.06*	
		For >200 To 300, Add	*3.03*	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	3.33	
		For Up To 100, Add	*2.45*	
		For >100 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.52*	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	4.34	
		For Up To 100, Add	*2.53*	
		For >100 To 200, Add	*1.46*	
		For >200 To 400, Add	*0.69*	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	5.42	
		For Up To 100, Add	*3.22*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.87*	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	6.69	
		For Up To 100, Add	*4.02*	
		For >100 To 200, Add	*2.30*	
		For >200 To 400, Add	*1.09*	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	8.21	
		For Up To 100, Add	*4.06*	
		For >100 To 200, Add	*2.17*	
		For >200 To 300, Add	*1.09*	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	9.82	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	13.68	
		For Up To 100, Add	*6.94*	
		For >100 To 200, Add	*3.68*	
		For >200 To 300, Add	*1.84*	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	23.47	
		For Up To 100, Add	*12.09*	
		For >100 To 200, Add	*6.38*	
		For >200 To 300, Add	*3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.12*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.51*	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.30	
		For Up To 100, Add	*2.50*	
		For >100 To 200, Add	*1.45*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.37	
		For Up To 100, Add	*3.18*	
		For >100 To 200, Add	*1.83*	
		For >200 To 400, Add	*0.86*	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.63	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.08*	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.13	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.15*	
		For >200 To 300, Add	*1.08*	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	9.72	
		For Up To 100, Add	*4.86*	
		For >100 To 200, Add	*2.59*	
		For >200 To 300, Add	*1.30*	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	13.53	
		For Up To 100, Add	*6.85*	
		For >100 To 200, Add	*3.64*	
		For >200 To 300, Add	*1.82*	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	23.20	
		For Up To 100, Add	*11.93*	
		For >100 To 200, Add	*6.30*	
		For >200 To 300, Add	*3.15*	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	1.29	
		For Up To 100, Add	*0.93*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.42*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.69	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.77	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	2.00	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.56*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.88	
		For Up To 100, Add	*2.20*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	3.77	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	4.74	
		For Up To 100, Add	*2.90*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	5.86	
		For Up To 100, Add	*3.63*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	7.22	
		For Up To 100, Add	*4.52*	
		For >100 To 200, Add	*2.55*	
		For >200 To 400, Add	*1.22*	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	8.68	
		For Up To 100, Add	*5.50*	
		For >100 To 200, Add	*3.09*	
		For >200 To 400, Add	*1.48*	
		For Up To 100, Add	*4.45*	
		For >100 To 200, Add	*2.35*	
		For >200 To 300, Add	*1.18*	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	12.13	
		For Up To 100, Add	*7.79*	
		For >100 To 200, Add	*4.36*	
		For >200 To 400, Add	*2.10*	
		For Up To 100, Add	*6.30*	
		For >100 To 200, Add	*3.31*	
		For >200 To 300, Add	*1.66*	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	20.90	
		For Up To 100, Add	*13.62*	
		For >100 To 200, Add	*7.59*	
		For >200 To 400, Add	*3.67*	
		For Up To 100, Add	*11.00*	
		For >100 To 200, Add	*5.76*	
		For >200 To 300, Add	*2.88*	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	3.00	
		For Up To 100, Add	*2.32*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*1.03*	
		For >200 To 400, Add	*0.49*	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	3.93	
		For Up To 100, Add	*2.39*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.65*	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	4.94	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	6.12	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.16*	
		For >200 To 400, Add	*1.03*	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	7.55	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.04*	
		For >200 To 300, Add	*1.02*	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	9.09	
		For Up To 100, Add	*4.70*	
		For >100 To 200, Add	*2.48*	
		For >200 To 300, Add	*1.24*	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	12.72	
		For Up To 100, Add	*6.65*	
		For >100 To 200, Add	*3.49*	
		For >200 To 300, Add	*1.75*	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	21.95	
		For Up To 100, Add	*11.63*	
		For >100 To 200, Add	*6.07*	
		For >200 To 300, Add	*3.04*	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.14	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.97	
		For Up To 100, Add	*2.29*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.89	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.35*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.89	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.06	
		For Up To 100, Add	*3.78*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.02*	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.47	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.02*	
		For >200 To 300, Add	*1.01*	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	8.99	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.45*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.57	
		For Up To 100, Add	*6.56*	
		For >100 To 200, Add	*3.45*	
		For >200 To 300, Add	*1.72*	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	21.68	
		For Up To 100, Add	*11.47*	
		For >100 To 200, Add	*5.99*	
		For >200 To 300, Add	*3.00*	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.91*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.62	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.28	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.95	
		For Up To 100, Add	*1.46*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.33	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.03	
		For Up To 100, Add	*1.54*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.69	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.75	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*2.03*	
		For >200 To 400, Add	*0.97*	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.09	
		For Up To 100, Add	*3.62*	
		For >100 To 200, Add	*1.92*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	8.53	
		For Up To 100, Add	*4.41*	
		For >100 To 200, Add	*2.32*	
		For >200 To 300, Add	*1.16*	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	11.93	
		For Up To 100, Add	*6.24*	
		For >100 To 200, Add	*3.27*	
		For >200 To 300, Add	*1.64*	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	20.61	
		For Up To 100, Add	*10.91*	
		For >100 To 200, Add	*5.70*	
		For >200 To 300, Add	*2.85*	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.93	
		For Up To 100, Add	*2.29*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.85	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.85	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.01	
		For Up To 100, Add	*3.78*	
		For >100 To 200, Add	*2.13*	
		For >200 To 400, Add	*1.02*	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.42	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.02*	
		For >200 To 300, Add	*1.01*	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	8.94	
		For Up To 100, Add	*4.65*	
		For >100 To 200, Add	*2.45*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.52	
		For Up To 100, Add	*6.59*	
		For >100 To 200, Add	*3.45*	
		For >200 To 300, Add	*1.73*	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	21.66	
		For Up To 100, Add	*11.54*	
		For >100 To 200, Add	*6.01*	
		For >200 To 300, Add	*3.01*	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.09	
		For Up To 100, Add	*1.60*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.90	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.81	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.33*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.80	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.95	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*2.11*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.34	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*1.99*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	8.84	
		For Up To 100, Add	*4.59*	
		For >100 To 200, Add	*2.42*	
		For >200 To 300, Add	*1.21*	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.37	
		For Up To 100, Add	*6.50*	
		For >100 To 200, Add	*3.41*	
		For >200 To 300, Add	*1.70*	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	21.39	
		For Up To 100, Add	*11.38*	
		For >100 To 200, Add	*5.93*	
		For >200 To 300, Add	*2.97*	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.89*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.93*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.92*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	2.57	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.26	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.49*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.68	
		For Up To 100, Add	*2.12*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.53	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.24*	
		For >200 To 400, Add	*0.59*	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.45	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.58*	
		For >200 To 400, Add	*0.76*	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.53	
		For Up To 100, Add	*3.51*	
		For >100 To 200, Add	*1.97*	
		For >200 To 400, Add	*0.95*	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.83	
		For Up To 100, Add	*3.55*	
		For >100 To 200, Add	*1.87*	
		For >200 To 300, Add	*0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	8.22	
		For Up To 100, Add	*4.31*	
		For >100 To 200, Add	*2.26*	
		For >200 To 300, Add	*1.13*	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.55	
		For Up To 100, Add	*6.13*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	20.01	
		For Up To 100, Add	*10.73*	
		For >100 To 200, Add	*5.58*	
		For >200 To 300, Add	*2.79*	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.80	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.69	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.66*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.79	
		For Up To 100, Add	*3.71*	
		For >100 To 200, Add	*2.08*	
		For >200 To 400, Add	*1.00*	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	7.16	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*1.96*	
		For >200 To 300, Add	*0.98*	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	8.63	
		For Up To 100, Add	*4.56*	
		For >100 To 200, Add	*2.38*	
		For >200 To 300, Add	*1.19*	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	12.14	
		For Up To 100, Add	*6.48*	
		For >100 To 200, Add	*3.37*	
		For >200 To 300, Add	*1.69*	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	21.06	
		For Up To 100, Add	*11.36*	
		For >100 To 200, Add	*5.89*	
		For >200 To 300, Add	*2.95*	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.98	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.65	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.29*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.60	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.79*	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.73	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*2.05*	
		For >200 To 400, Add	*0.99*	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	7.08	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	8.53	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.35*	
		For >200 To 300, Add	*1.18*	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	11.99	
		For Up To 100, Add	*6.39*	
		For >100 To 200, Add	*3.33*	
		For >200 To 300, Add	*1.66*	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	20.79	
		For Up To 100, Add	*11.20*	
		For >100 To 200, Add	*5.81*	
		For >200 To 300, Add	*2.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0196		Walls, Steel Reinforcement Bar *(03 21 11)* Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.67	
		For Up To 100, Add	*0.50*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	1.14	
		For Up To 100, Add	*0.87*	
		For >100 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.18*	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.72	
		For Up To 100, Add	*1.33*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	2.42	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	1.17	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.72	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	1.22	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.86	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	2.61	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	3.44	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.22*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	4.36	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.56*	
		For >200 To 400, Add	*0.75*	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	5.42	
		For Up To 100, Add	*3.47*	
		For >100 To 200, Add	*1.95*	
		For >200 To 400, Add	*0.94*	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	6.70	
		For Up To 100, Add	*3.51*	
		For >100 To 200, Add	*1.84*	
		For >200 To 300, Add	*0.92*	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	8.08	
		For Up To 100, Add	*4.27*	
		For >100 To 200, Add	*2.23*	
		For >200 To 300, Add	*1.12*	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	11.36	
		For Up To 100, Add	*6.07*	
		For >100 To 200, Add	*3.16*	
		For >200 To 300, Add	*1.58*	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	19.71	
		For Up To 100, Add	*10.64*	
		For >100 To 200, Add	*5.52*	
		For >200 To 300, Add	*2.76*	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	3.60	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	4.56	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.79*	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	5.68	
		For Up To 100, Add	*3.67*	
		For >100 To 200, Add	*2.05*	
		For >200 To 400, Add	*0.99*	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	7.03	
		For Up To 100, Add	*3.71*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	8.49	
		For Up To 100, Add	*4.52*	
		For >100 To 200, Add	*2.36*	
		For >200 To 300, Add	*1.18*	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	11.95	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.34*	
		For >200 To 300, Add	*1.67*	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	20.76	
		For Up To 100, Add	*11.27*	
		For >100 To 200, Add	*5.83*	
		For >200 To 300, Add	*2.92*	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.26	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.53*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.56	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.26*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.51	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.62	
		For Up To 100, Add	*3.62*	
		For >100 To 200, Add	*2.03*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.95	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*1.91*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.39	
		For Up To 100, Add	*4.46*	
		For >100 To 200, Add	*2.33*	
		For >200 To 300, Add	*1.16*	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	11.80	
		For Up To 100, Add	*6.33*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.65*	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	20.49	
		For Up To 100, Add	*11.11*	
		For >100 To 200, Add	*5.75*	
		For >200 To 300, Add	*2.88*	

03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	287.85

03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	155.97

03 21 11 00-0240 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	3.26
		For Up To 12" Length, Deduct	*-0.50*
		For >12" To <24" Length, Deduct	*-0.25*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.94	
		For Up To 12" Length, Deduct	*-0.65*	
		For >12" To <24" Length, Deduct	*-0.33*	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	5.00	
		For Up To 12" Length, Deduct	*-1.03*	
		For >12" To <24" Length, Deduct	*-0.51*	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	6.27	
		For Up To 12" Length, Deduct	*-1.48*	
		For >12" To <24" Length, Deduct	*-0.74*	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	7.65	
		For Up To 12" Length, Deduct	*-2.06*	
		For >12" To <24" Length, Deduct	*-1.03*	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	9.69	
		For Up To 12" Length, Deduct	*-2.64*	
		For >12" To <24" Length, Deduct	*-1.32*	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	11.54	
		For Up To 12" Length, Deduct	*-3.26*	
		For >12" To <24" Length, Deduct	*-1.63*	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	14.36	
		For Up To 12" Length, Deduct	*-4.26*	
		For >12" To <24" Length, Deduct	*-2.13*	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	17.20	
		For Up To 12" Length, Deduct	*-5.26*	
		For >12" To <24" Length, Deduct	*-2.63*	

03 21 11 00-0250 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,655.31	
		For Grade 75, Add	*137.42*	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,611.56	
		For Grade 75, Add	*137.42*	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,578.20	
		For Grade 75, Add	*137.42*	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,523.60	
		For Grade 75, Add	*137.42*	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,449.80	
		For Grade 75, Add	*137.42*	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,421.85	
		For Grade 75, Add	*140.80*	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,360.07	
		For Grade 75, Add	*140.80*	

03 21 11 00-0258 Dowel Or Hairpin, Drilled And Epoxy Into Concrete *(03 21 11)*

03 21 11 00-0259	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	27.99
03 21 11 00-0260	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	29.28

03 21 11 00-0261 Accessories For Reinforcing Steel *(03 21 11)*

03 21 11 00-0262 Reinforcing Steel Lap-Weld Splice *(03 21 11 00-0261)*

03 21 11 00-0263	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	71.31
03 21 11 00-0264	EA	>#6 Reinforcing Steel Lap-Weld Splice	115.20

03 21 11 00-0265 Reinforcing Steel Sleeve And Wedge Splice Joint *(03 21 11 00-0261)*

03 21 11 00-0266	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	38.32
03 21 11 00-0267	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	60.98
03 21 11 00-0268	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	93.62

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	3.68	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.60*	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	3.76	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.83	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.78	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.87	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.60*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.09	
		For Up To 100, Add	*3.16*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.85*	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.43	
		For Up To 100, Add	*4.05*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.01	
		For Up To 100, Add	*5.10*	
		For >100 To 200, Add	*2.86*	
		For >200 To 400, Add	*1.38*	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.90	
		For Up To 100, Add	*5.15*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	11.92	
		For Up To 100, Add	*6.26*	
		For >100 To 200, Add	*3.28*	
		For >200 To 300, Add	*1.64*	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	16.73	
		For Up To 100, Add	*8.89*	
		For >100 To 200, Add	*4.64*	
		For >200 To 300, Add	*2.32*	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	28.99	
		For Up To 100, Add	*15.58*	
		For >100 To 200, Add	*8.09*	
		For >200 To 300, Add	*4.05*	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.99	
		For Up To 100, Add	*3.19*	
		For >100 To 200, Add	*1.66*	
		For >200 To 500, Add	*0.66*	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.25	
		For Up To 100, Add	*3.28*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.89*	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.64	
		For Up To 100, Add	*4.21*	
		For >100 To 200, Add	*2.37*	
		For >200 To 400, Add	*1.14*	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.27	
		For Up To 100, Add	*5.29*	
		For >100 To 200, Add	*2.97*	
		For >200 To 400, Add	*1.43*	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	10.23	
		For Up To 100, Add	*5.35*	
		For >100 To 200, Add	*2.81*	
		For >200 To 300, Add	*1.40*	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	12.33	
		For Up To 100, Add	*6.51*	
		For >100 To 200, Add	*3.40*	
		For >200 To 300, Add	*1.70*	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	17.32	
		For Up To 100, Add	*9.24*	
		For >100 To 200, Add	*4.81*	
		For >200 To 300, Add	*2.41*	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	30.04	
		For Up To 100, Add	*16.21*	
		For >100 To 200, Add	*8.41*	
		For >200 To 300, Add	*4.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0029		Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.05	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.82	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	3.81	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.07	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.86	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.79	
		For Up To 100, Add	*2.12*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	3.89	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.58*	
		For >200 To 500, Add	*0.63*	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.09	
		For Up To 100, Add	*0.81*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.91	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.87	
		For Up To 100, Add	*2.20*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.00	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.63*	
		For >200 To 500, Add	*0.65*	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.26	
		For Up To 100, Add	*3.22*	
		For >100 To 200, Add	*1.83*	
		For >200 To 400, Add	*0.87*	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.62	
		For Up To 100, Add	*4.12*	
		For >100 To 200, Add	*2.33*	
		For >200 To 400, Add	*1.11*	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.23	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.92*	
		For >200 To 400, Add	*1.40*	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	10.15	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.76*	
		For >200 To 300, Add	*1.38*	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	12.21	
		For Up To 100, Add	*6.35*	
		For >100 To 200, Add	*3.34*	
		For >200 To 300, Add	*1.67*	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	17.12	
		For Up To 100, Add	*9.01*	
		For >100 To 200, Add	*4.71*	
		For >200 To 300, Add	*2.36*	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	29.59	
		For Up To 100, Add	*15.76*	
		For >100 To 200, Add	*8.21*	
		For >200 To 300, Add	*4.11*	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.12	
		For Up To 100, Add	*3.24*	
		For >100 To 200, Add	*1.69*	
		For >200 To 500, Add	*0.68*	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.42	
		For Up To 100, Add	*3.34*	
		For >100 To 200, Add	*1.90*	
		For >200 To 400, Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.83	
		For Up To 100, Add	*4.27*	
		For >100 To 200, Add	*2.41*	
		For >200 To 400, Add	*1.15*	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.49	
		For Up To 100, Add	*5.37*	
		For >100 To 200, Add	*3.02*	
		For >200 To 400, Add	*1.45*	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.48	
		For Up To 100, Add	*5.42*	
		For >100 To 200, Add	*2.86*	
		For >200 To 300, Add	*1.43*	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	12.62	
		For Up To 100, Add	*6.60*	
		For >100 To 200, Add	*3.46*	
		For >200 To 300, Add	*1.73*	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	17.71	
		For Up To 100, Add	*9.36*	
		For >100 To 200, Add	*4.89*	
		For >200 To 300, Add	*2.45*	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	30.64	
		For Up To 100, Add	*16.39*	
		For >100 To 200, Add	*8.53*	
		For >200 To 300, Add	*4.26*	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.28*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	3.48	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.68	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.55	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	3.56	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.73	
		For Up To 100, Add	*1.37*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.63	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.67	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.85	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.83*	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.14	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.06*	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.66	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.78*	
		For >200 To 400, Add	*1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.49	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.48	
		For Up To 100, Add	*6.13*	
		For >100 To 200, Add	*3.19*	
		For >200 To 300, Add	*1.60*	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	16.16	
		For Up To 100, Add	*8.72*	
		For >100 To 200, Add	*4.52*	
		For >200 To 300, Add	*2.26*	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	28.07	
		For Up To 100, Add	*15.30*	
		For >100 To 200, Add	*7.91*	
		For >200 To 300, Add	*3.95*	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.79	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.01	
		For Up To 100, Add	*3.20*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.35	
		For Up To 100, Add	*4.11*	
		For >100 To 200, Add	*2.29*	
		For >200 To 400, Add	*1.11*	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.92	
		For Up To 100, Add	*5.17*	
		For >100 To 200, Add	*2.88*	
		For >200 To 400, Add	*1.39*	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.82	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.72*	
		For >200 To 300, Add	*1.36*	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	11.89	
		For Up To 100, Add	*6.38*	
		For >100 To 200, Add	*3.32*	
		For >200 To 300, Add	*1.66*	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.75	
		For Up To 100, Add	*9.07*	
		For >100 To 200, Add	*4.70*	
		For >200 To 300, Add	*2.35*	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	29.12	
		For Up To 100, Add	*15.93*	
		For >100 To 200, Add	*8.22*	
		For >200 To 300, Add	*4.11*	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.95*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	3.49	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.69	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.60	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.77	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.05	
		For Up To 100, Add	*3.92*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.06*	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.55	
		For Up To 100, Add	*4.94*	
		For >100 To 200, Add	*2.75*	
		For >200 To 400, Add	*1.33*	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	9.36	
		For Up To 100, Add	*4.99*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.33	
		For Up To 100, Add	*6.09*	
		For >100 To 200, Add	*3.16*	
		For >200 To 300, Add	*1.58*	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	15.96	
		For Up To 100, Add	*8.66*	
		For >100 To 200, Add	*4.48*	
		For >200 To 300, Add	*2.24*	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	27.78	
		For Up To 100, Add	*15.22*	
		For >100 To 200, Add	*7.85*	
		For >200 To 300, Add	*3.93*	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.72	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.93	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.77*	
		For >200 To 400, Add	*0.85*	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.26	
		For Up To 100, Add	*4.08*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.10*	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.81	
		For Up To 100, Add	*5.13*	
		For >100 To 200, Add	*2.85*	
		For >200 To 400, Add	*1.38*	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.69	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	11.74	
		For Up To 100, Add	*6.33*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.64*	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	16.55	
		For Up To 100, Add	*9.01*	
		For >100 To 200, Add	*4.66*	
		For >200 To 300, Add	*2.33*	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	28.83	
		For Up To 100, Add	*15.85*	
		For >100 To 200, Add	*8.17*	
		For >200 To 300, Add	*4.08*	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.24*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.28	
		For Up To 100, Add	*2.72*	
		For >100 To 200, Add	*1.41*	
		For >200 To 500, Add	*0.56*	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.57	
		For Up To 100, Add	*1.28*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.39	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.36	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.33*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.47	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.47	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.61	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.81*	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.85	
		For Up To 100, Add	*3.85*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.04*	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.33	
		For Up To 100, Add	*4.86*	
		For >100 To 200, Add	*2.69*	
		For >200 To 400, Add	*1.31*	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.10	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.55*	
		For >200 To 300, Add	*1.27*	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.02	
		For Up To 100, Add	*5.99*	
		For >100 To 200, Add	*3.10*	
		For >200 To 300, Add	*1.55*	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	15.58	
		For Up To 100, Add	*8.54*	
		For >100 To 200, Add	*4.41*	
		For >200 To 300, Add	*2.20*	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	27.18	
		For Up To 100, Add	*15.04*	
		For >100 To 200, Add	*7.73*	
		For >200 To 300, Add	*3.87*	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.59	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.56*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.77	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.84*	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.06	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.08*	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.59	
		For Up To 100, Add	*5.06*	
		For >100 To 200, Add	*2.80*	
		For >200 To 400, Add	*1.36*	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.43	
		For Up To 100, Add	*5.11*	
		For >100 To 200, Add	*2.65*	
		For >200 To 300, Add	*1.32*	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.43	
		For Up To 100, Add	*6.24*	
		For >100 To 200, Add	*3.22*	
		For >200 To 300, Add	*1.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	16.17	
		For Up To 100, Add	*8.90*	
		For >100 To 200, Add	*4.58*	
		For >200 To 300, Add	*2.29*	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	28.23	
		For Up To 100, Add	*15.67*	
		For >100 To 200, Add	*8.05*	
		For >200 To 300, Add	*4.02*	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.49	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.27	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	3.21	
		For Up To 100, Add	*2.69*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.56*	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	3.29	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.41	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.52	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.80*	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.76	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.03*	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.22	
		For Up To 100, Add	*4.82*	
		For >100 To 200, Add	*2.67*	
		For >200 To 400, Add	*1.30*	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.97	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	10.88	
		For Up To 100, Add	*5.95*	
		For >100 To 200, Add	*3.07*	
		For >200 To 300, Add	*1.54*	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	15.39	
		For Up To 100, Add	*8.49*	
		For >100 To 200, Add	*4.37*	
		For >200 To 300, Add	*2.18*	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	26.88	
		For Up To 100, Add	*14.95*	
		For >100 To 200, Add	*7.67*	
		For >200 To 300, Add	*3.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.68	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.83*	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.97	
		For Up To 100, Add	*3.97*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.07*	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.48	
		For Up To 100, Add	*5.02*	
		For >100 To 200, Add	*2.77*	
		For >200 To 400, Add	*1.35*	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.30	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.29	
		For Up To 100, Add	*6.20*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.98	
		For Up To 100, Add	*8.84*	
		For >100 To 200, Add	*4.55*	
		For >200 To 300, Add	*2.27*	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	27.93	
		For Up To 100, Add	*15.58*	
		For >100 To 200, Add	*7.99*	
		For >200 To 300, Add	*3.99*	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.70	
		For Up To 100, Add	*1.28*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.59	
		For Up To 100, Add	*2.79*	
		For >100 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.01	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.67	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.79	
		For Up To 100, Add	*1.37*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.72	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.79	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.56*	
		For >200 To 500, Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.97	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.28	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.81	
		For Up To 100, Add	*4.95*	
		For >100 To 200, Add	*2.78*	
		For >200 To 400, Add	*1.34*	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.65	
		For Up To 100, Add	*5.00*	
		For >100 To 200, Add	*2.63*	
		For >200 To 300, Add	*1.32*	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	11.62	
		For Up To 100, Add	*6.08*	
		For >100 To 200, Add	*3.19*	
		For >200 To 300, Add	*1.60*	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.29	
		For Up To 100, Add	*8.63*	
		For >100 To 200, Add	*4.50*	
		For >200 To 300, Add	*2.25*	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	28.21	
		For Up To 100, Add	*15.11*	
		For >100 To 200, Add	*7.86*	
		For >200 To 300, Add	*3.93*	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*3.10*	
		For >100 To 200, Add	*1.62*	
		For >200 To 500, Add	*0.65*	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.13	
		For Up To 100, Add	*3.19*	
		For >100 To 200, Add	*1.81*	
		For >200 To 400, Add	*0.86*	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.49	
		For Up To 100, Add	*4.10*	
		For >100 To 200, Add	*2.31*	
		For >200 To 400, Add	*1.11*	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.07	
		For Up To 100, Add	*5.14*	
		For >100 To 200, Add	*2.89*	
		For >200 To 400, Add	*1.39*	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.98	
		For Up To 100, Add	*5.20*	
		For >100 To 200, Add	*2.73*	
		For >200 To 300, Add	*1.37*	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.03	
		For Up To 100, Add	*6.33*	
		For >100 To 200, Add	*3.31*	
		For >200 To 300, Add	*1.66*	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.88	
		For Up To 100, Add	*8.98*	
		For >100 To 200, Add	*4.68*	
		For >200 To 300, Add	*2.34*	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	29.26	
		For Up To 100, Add	*15.74*	
		For >100 To 200, Add	*8.17*	
		For >200 To 300, Add	*4.09*	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.67	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	3.72	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.82	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	3.80	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.07	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.87	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.92	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.14	
		For Up To 100, Add	*3.13*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.85*	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.47	
		For Up To 100, Add	*4.00*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.08*	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.03	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.84*	
		For >200 To 400, Add	*1.36*	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.90	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.68*	
		For >200 To 300, Add	*1.34*	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	11.91	
		For Up To 100, Add	*6.17*	
		For >100 To 200, Add	*3.25*	
		For >200 To 300, Add	*1.62*	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	16.68	
		For Up To 100, Add	*8.74*	
		For >100 To 200, Add	*4.58*	
		For >200 To 300, Add	*2.29*	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	28.81	
		For Up To 100, Add	*15.29*	
		For >100 To 200, Add	*7.98*	
		For >200 To 300, Add	*3.99*	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.03	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.65*	
		For >200 To 500, Add	*0.66*	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.30	
		For Up To 100, Add	*3.25*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.88*	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.68	
		For Up To 100, Add	*4.16*	
		For >100 To 200, Add	*2.35*	
		For >200 To 400, Add	*1.12*	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.29	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.94*	
		For >200 To 400, Add	*1.41*	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.23	
		For Up To 100, Add	*5.27*	
		For >100 To 200, Add	*2.78*	
		For >200 To 300, Add	*1.39*	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	12.32	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.37*	
		For >200 To 300, Add	*1.69*	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.27	
		For Up To 100, Add	*9.10*	
		For >100 To 200, Add	*4.76*	
		For >200 To 300, Add	*2.38*	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	29.86	
		For Up To 100, Add	*15.92*	
		For >100 To 200, Add	*8.29*	
		For >200 To 300, Add	*4.15*	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*
Note: ASTM A-775 Epoxy Coated Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.24*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.43	
		For Up To 100, Add	*1.91*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	3.39	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.41*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.94	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.64	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	3.47	
		For Up To 100, Add	*2.79*	
		For >100 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.69	
		For Up To 100, Add	*1.33*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.57	
		For Up To 100, Add	*2.05*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.59	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.73	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.68*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.99	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.15*	
		For >200 To 400, Add	*1.03*	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.46	
		For Up To 100, Add	*4.83*	
		For >100 To 200, Add	*2.70*	
		For >200 To 400, Add	*1.30*	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	9.24	
		For Up To 100, Add	*4.88*	
		For >100 To 200, Add	*2.55*	
		For >200 To 300, Add	*1.27*	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	11.18	
		For Up To 100, Add	*5.95*	
		For >100 To 200, Add	*3.10*	
		For >200 To 300, Add	*1.55*	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	15.72	
		For Up To 100, Add	*8.45*	
		For >100 To 200, Add	*4.39*	
		For >200 To 300, Add	*2.20*	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	27.29	
		For Up To 100, Add	*14.84*	
		For >100 To 200, Add	*7.67*	
		For >200 To 300, Add	*3.84*	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.57*	
		For >200 To 500, Add	*0.63*	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.89	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.75*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.20	
		For Up To 100, Add	*3.99*	
		For >100 To 200, Add	*2.23*	
		For >200 To 400, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	7.72	
		For Up To 100, Add	*5.02*	
		For >100 To 200, Add	*2.80*	
		For >200 To 400, Add	*1.35*	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.57	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.65*	
		For >200 To 300, Add	*1.32*	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	11.59	
		For Up To 100, Add	*6.20*	
		For >100 To 200, Add	*3.23*	
		For >200 To 300, Add	*1.61*	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	16.31	
		For Up To 100, Add	*8.81*	
		For >100 To 200, Add	*4.57*	
		For >200 To 300, Add	*2.28*	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	28.34	
		For Up To 100, Add	*15.47*	
		For >100 To 200, Add	*7.99*	
		For >200 To 300, Add	*3.99*	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.56	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.89*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.32	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.95*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*2.76*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.65	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.52	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.66*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.90	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.13*	
		For >200 To 400, Add	*1.03*	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.35	
		For Up To 100, Add	*4.79*	
		For >100 To 200, Add	*2.67*	
		For >200 To 400, Add	*1.29*	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.11	
		For Up To 100, Add	*4.84*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.03	
		For Up To 100, Add	*5.91*	
		For >100 To 200, Add	*3.07*	
		For >200 To 300, Add	*1.54*	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	15.52	
		For Up To 100, Add	*8.39*	
		For >100 To 200, Add	*4.35*	
		For >200 To 300, Add	*2.18*	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	27.00	
		For Up To 100, Add	*14.75*	
		For >100 To 200, Add	*7.62*	
		For >200 To 300, Add	*3.81*	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.63	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.81	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.11	
		For Up To 100, Add	*3.96*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.07*	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.61	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.77*	
		For >200 To 400, Add	*1.34*	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.44	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.44	
		For Up To 100, Add	*6.15*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	16.11	
		For Up To 100, Add	*8.75*	
		For >100 To 200, Add	*4.53*	
		For >200 To 300, Add	*2.26*	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	28.05	
		For Up To 100, Add	*15.38*	
		For >100 To 200, Add	*7.93*	
		For >200 To 300, Add	*3.97*	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.68*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.49	
		For Up To 100, Add	*1.20*	
		For >100 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.27	
		For Up To 100, Add	*1.84*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.19	
		For Up To 100, Add	*2.63*	
		For >100 To 200, Add	*1.36*	
		For >200 To 500, Add	*0.54*	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.24*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.27	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.29*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.41	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.39	
		For Up To 100, Add	*2.83*	
		For >100 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.49	
		For Up To 100, Add	*2.90*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.78*	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.70	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*2.08*	
		For >200 To 400, Add	*1.01*	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.13	
		For Up To 100, Add	*4.71*	
		For >100 To 200, Add	*2.61*	
		For >200 To 400, Add	*1.27*	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.85	
		For Up To 100, Add	*4.76*	
		For >100 To 200, Add	*2.47*	
		For >200 To 300, Add	*1.24*	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	10.72	
		For Up To 100, Add	*5.81*	
		For >100 To 200, Add	*3.01*	
		For >200 To 300, Add	*1.51*	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.14	
		For Up To 100, Add	*8.28*	
		For >100 To 200, Add	*4.27*	
		For >200 To 300, Add	*2.14*	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	26.40	
		For Up To 100, Add	*14.57*	
		For >100 To 200, Add	*7.50*	
		For >200 To 300, Add	*3.75*	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.94*	
		For >100 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.61*	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.91	
		For Up To 100, Add	*3.89*	
		For >100 To 200, Add	*2.16*	
		For >200 To 400, Add	*1.05*	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.39	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.72*	
		For >200 To 400, Add	*1.32*	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	9.18	
		For Up To 100, Add	*4.96*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.29*	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.13	
		For Up To 100, Add	*6.06*	
		For >100 To 200, Add	*3.13*	
		For >200 To 300, Add	*1.57*	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.73	
		For Up To 100, Add	*8.63*	
		For >100 To 200, Add	*4.45*	
		For >200 To 300, Add	*2.23*	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	27.45	
		For Up To 100, Add	*15.20*	
		For >100 To 200, Add	*7.81*	
		For >200 To 300, Add	*3.91*	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.67*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.45	
		For Up To 100, Add	*1.18*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.21	
		For Up To 100, Add	*1.82*	
		For >100 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.38*	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	3.12	
		For Up To 100, Add	*2.60*	
		For >100 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.49	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.27	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	3.20	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.38*	
		For >200 To 500, Add	*0.55*	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.35	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.32	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.40	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.60*	
		For >200 To 400, Add	*0.77*	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.61	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*1.00*	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.02	
		For Up To 100, Add	*4.67*	
		For >100 To 200, Add	*2.59*	
		For >200 To 400, Add	*1.26*	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.72	
		For Up To 100, Add	*4.72*	
		For >100 To 200, Add	*2.45*	
		For >200 To 300, Add	*1.22*	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	10.58	
		For Up To 100, Add	*5.77*	
		For >100 To 200, Add	*2.98*	
		For >200 To 300, Add	*1.49*	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	14.95	
		For Up To 100, Add	*8.22*	
		For >100 To 200, Add	*4.24*	
		For >200 To 300, Add	*2.12*	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	26.10	
		For Up To 100, Add	*14.48*	
		For >100 To 200, Add	*7.44*	
		For >200 To 300, Add	*3.72*	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.91*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.56	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.66*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.82	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.04*	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.28	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.69*	
		For >200 To 400, Add	*1.31*	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	9.05	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.54*	
		For >200 To 300, Add	*1.27*	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	10.99	
		For Up To 100, Add	*6.02*	
		For >100 To 200, Add	*3.11*	
		For >200 To 300, Add	*1.55*	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	15.54	
		For Up To 100, Add	*8.58*	
		For >100 To 200, Add	*4.41*	
		For >200 To 300, Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	27.15	
		For Up To 100, Add	*15.11*	
		For >100 To 200, Add	*7.75*	
		For >200 To 300, Add	*3.88*	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.31	
		For Up To 12" Length, Deduct	*-0.69*	
		For >12" To <24" Length, Deduct	*-0.35*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.43	
		For Up To 12" Length, Deduct	*-1.05*	
		For >12" To <24" Length, Deduct	*-0.52*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.17	
		For Up To 12" Length, Deduct	*-1.56*	
		For >12" To <24" Length, Deduct	*-0.78*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	10.26	
		For Up To 12" Length, Deduct	*-2.07*	
		For >12" To <24" Length, Deduct	*-1.04*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	12.61	
		For Up To 12" Length, Deduct	*-2.82*	
		For >12" To <24" Length, Deduct	*-1.41*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	14.81	
		For Up To 12" Length, Deduct	*-3.48*	
		For >12" To <24" Length, Deduct	*-1.74*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	17.55	
		For Up To 12" Length, Deduct	*-4.20*	
		For >12" To <24" Length, Deduct	*-2.10*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	21.17	
		For Up To 12" Length, Deduct	*-5.10*	
		For >12" To <24" Length, Deduct	*-2.55*	

03 21 19 Stainless Steel Reinforcement Bars *(03 21)*

03 21 19 00-0001 Beams And Girders, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0002	LF	#3, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar	1.99	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 19 00-0003	LF	#4, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar	3.53	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 19 00-0004	LF	#5, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar	5.38	
		For Up To 100, Add	*4.77*	
		For >100 To 200, Add	*2.44*	
		For >200 To 500, Add	*0.97*	
03 21 19 00-0005	LF	#6, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar	7.57	
		For Up To 100, Add	*6.77*	
		For >100 To 200, Add	*3.45*	
		For >200 To 500, Add	*1.38*	
03 21 19 00-0006	LF	#3, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	2.19	
		For Up To 100, Add	*1.93*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	
03 21 19 00-0007	LF	#4, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*3.48*	
		For >100 To 200, Add	*1.78*	
		For >200 To 500, Add	*0.71*	
03 21 19 00-0008	LF	#5, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	5.95	
		For Up To 100, Add	*5.34*	
		For >100 To 200, Add	*2.72*	
		For >200 To 500, Add	*1.09*	
03 21 19 00-0009	LF	#6, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	8.38	
		For Up To 100, Add	*7.58*	
		For >100 To 200, Add	*3.86*	
		For >200 To 500, Add	*1.54*	
03 21 19 00-0010	LF	#7, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	11.23	
		For Up To 100, Add	*7.77*	
		For >100 To 200, Add	*4.25*	
		For >200 To 400, Add	*2.08*	
03 21 19 00-0011	LF	#8, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	14.57	
		For Up To 100, Add	*10.16*	
		For >100 To 200, Add	*5.54*	
		For >200 To 400, Add	*2.72*	
03 21 19 00-0012	LF	#9, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	18.30	
		For Up To 100, Add	*12.82*	
		For >100 To 200, Add	*6.98*	
		For >200 To 400, Add	*3.43*	
03 21 19 00-0013	LF	#10, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	22.95	
		For Up To 100, Add	*12.98*	
		For >100 To 200, Add	*6.62*	
		For >200 To 300, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0014	LF	#11, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	27.90	
		For Up To 100, Add	*15.85*	
		For >100 To 200, Add	*8.07*	
		For >200 To 300, Add	*4.04*	
03 21 19 00-0015	LF	#14, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	39.80	
		For Up To 100, Add	*22.73*	
		For >100 To 200, Add	*11.56*	
		For >200 To 300, Add	*5.78*	
03 21 19 00-0016	LF	#18, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	69.98	
		For Up To 100, Add	*40.17*	
		For >100 To 200, Add	*20.39*	
		For >200 To 300, Add	*10.19*	
03 21 19 00-0017	LF	#6, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	8.79	
		For Up To 100, Add	*7.99*	
		For >100 To 200, Add	*4.06*	
		For >200 To 500, Add	*1.62*	
03 21 19 00-0018	LF	#7, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	11.79	
		For Up To 100, Add	*8.19*	
		For >100 To 200, Add	*4.47*	
		For >200 To 400, Add	*2.19*	
03 21 19 00-0019	LF	#8, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	15.30	
		For Up To 100, Add	*10.70*	
		For >100 To 200, Add	*5.83*	
		For >200 To 400, Add	*2.87*	
03 21 19 00-0020	LF	#9, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	19.23	
		For Up To 100, Add	*13.51*	
		For >100 To 200, Add	*7.35*	
		For >200 To 400, Add	*3.62*	
03 21 19 00-0021	LF	#10, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	24.12	
		For Up To 100, Add	*13.68*	
		For >100 To 200, Add	*6.97*	
		For >200 To 300, Add	*3.49*	
03 21 19 00-0022	LF	#11, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	29.34	
		For Up To 100, Add	*16.72*	
		For >100 To 200, Add	*8.51*	
		For >200 To 300, Add	*4.25*	
03 21 19 00-0023	LF	#14, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	41.87	
		For Up To 100, Add	*23.97*	
		For >100 To 200, Add	*12.18*	
		For >200 To 300, Add	*6.09*	
03 21 19 00-0024	LF	#18, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	73.66	
		For Up To 100, Add	*42.38*	
		For >100 To 200, Add	*21.49*	
		For >200 To 300, Add	*10.75*	

03 21 19 00-0025 Columns, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0026	LF	#3, Grade 40, Columns, Stainless Steel Reinforcement Bar	2.02	
		For Up To 100, Add	*1.74*	
		For >100 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
03 21 19 00-0027	LF	#4, Grade 40, Columns, Stainless Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*3.14*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
03 21 19 00-0028	LF	#5, Grade 40, Columns, Stainless Steel Reinforcement Bar	5.47	
		For Up To 100, Add	*4.80*	
		For >100 To 200, Add	*2.46*	
		For >200 To 500, Add	*0.98*	
03 21 19 00-0029	LF	#6, Grade 40, Columns, Stainless Steel Reinforcement Bar	7.70	
		For Up To 100, Add	*6.82*	
		For >100 To 200, Add	*3.48*	
		For >200 To 500, Add	*1.39*	
03 21 19 00-0030	LF	#3, Grade 60, Columns, Stainless Steel Reinforcement Bar	2.22	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 19 00-0031	LF	#4, Grade 60, Columns, Stainless Steel Reinforcement Bar	3.98	
		For Up To 100, Add	*3.51*	
		For >100 To 200, Add	*1.80*	
		For >200 To 500, Add	*0.72*	
03 21 19 00-0032	LF	#5, Grade 60, Columns, Stainless Steel Reinforcement Bar	6.04	
		For Up To 100, Add	*5.37*	
		For >100 To 200, Add	*2.74*	
		For >200 To 500, Add	*1.10*	
03 21 19 00-0033	LF	#6, Grade 60, Columns, Stainless Steel Reinforcement Bar	8.51	
		For Up To 100, Add	*7.63*	
		For >100 To 200, Add	*3.89*	
		For >200 To 500, Add	*1.56*	
03 21 19 00-0034	LF	#7, Grade 60, Columns, Stainless Steel Reinforcement Bar	11.40	
		For Up To 100, Add	*7.83*	
		For >100 To 200, Add	*4.29*	
		For >200 To 400, Add	*2.10*	
03 21 19 00-0035	LF	#8, Grade 60, Columns, Stainless Steel Reinforcement Bar	14.76	
		For Up To 100, Add	*10.22*	
		For >100 To 200, Add	*5.59*	
		For >200 To 400, Add	*2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0036	LF	#9, Grade 60, Columns, Stainless Steel Reinforcement Bar	18.52	
		For Up To 100, Add	*12.89*	
		For >100 To 200, Add	*7.03*	
		For >200 To 400, Add	*3.46*	
03 21 19 00-0037	LF	#10, Grade 60, Columns, Stainless Steel Reinforcement Bar	23.20	
		For Up To 100, Add	*13.05*	
		For >100 To 200, Add	*6.67*	
		For >200 To 300, Add	*3.34*	
03 21 19 00-0038	LF	#11, Grade 60, Columns, Stainless Steel Reinforcement Bar	28.19	
		For Up To 100, Add	*15.94*	
		For >100 To 200, Add	*8.13*	
		For >200 To 300, Add	*4.07*	
03 21 19 00-0039	LF	#14, Grade 60, Columns, Stainless Steel Reinforcement Bar	40.19	
		For Up To 100, Add	*22.85*	
		For >100 To 200, Add	*11.64*	
		For >200 To 300, Add	*5.82*	
03 21 19 00-0040	LF	#18, Grade 60, Columns, Stainless Steel Reinforcement Bar	70.58	
		For Up To 100, Add	*40.35*	
		For >100 To 200, Add	*20.51*	
		For >200 To 300, Add	*10.25*	
03 21 19 00-0041	LF	#6, Grade 75, Columns, Stainless Steel Reinforcement Bar	8.92	
		For Up To 100, Add	*8.04*	
		For >100 To 200, Add	*4.09*	
		For >200 To 500, Add	*1.64*	
03 21 19 00-0042	LF	#7, Grade 75, Columns, Stainless Steel Reinforcement Bar	11.96	
		For Up To 100, Add	*8.25*	
		For >100 To 200, Add	*4.51*	
		For >200 To 400, Add	*2.21*	
03 21 19 00-0043	LF	#8, Grade 75, Columns, Stainless Steel Reinforcement Bar	15.49	
		For Up To 100, Add	*10.77*	
		For >100 To 200, Add	*5.88*	
		For >200 To 400, Add	*2.89*	
03 21 19 00-0044	LF	#9, Grade 75, Columns, Stainless Steel Reinforcement Bar	19.45	
		For Up To 100, Add	*13.59*	
		For >100 To 200, Add	*7.41*	
		For >200 To 400, Add	*3.64*	
03 21 19 00-0045	LF	#10, Grade 75, Columns, Stainless Steel Reinforcement Bar	24.37	
		For Up To 100, Add	*13.76*	
		For >100 To 200, Add	*7.02*	
		For >200 To 300, Add	*3.51*	
03 21 19 00-0046	LF	#11, Grade 75, Columns, Stainless Steel Reinforcement Bar	29.63	
		For Up To 100, Add	*16.80*	
		For >100 To 200, Add	*8.56*	
		For >200 To 300, Add	*4.28*	
03 21 19 00-0047	LF	#14, Grade 75, Columns, Stainless Steel Reinforcement Bar	42.26	
		For Up To 100, Add	*24.09*	
		For >100 To 200, Add	*12.26*	
		For >200 To 300, Add	*6.13*	
03 21 19 00-0048	LF	#18, Grade 75, Columns, Stainless Steel Reinforcement Bar	74.26	
		For Up To 100, Add	*42.56*	
		For >100 To 200, Add	*21.61*	
		For >200 To 300, Add	*10.81*	

03 21 19 00-0049 Footings, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0050	LF	#3, Grade 40, Footings, Stainless Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.70*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 19 00-0051	LF	#4, Grade 40, Footings, Stainless Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.57*	
		For >200 To 500, Add	*0.63*	
03 21 19 00-0052	LF	#5, Grade 40, Footings, Stainless Steel Reinforcement Bar	5.23	
		For Up To 100, Add	*4.71*	
		For >100 To 200, Add	*2.40*	
		For >200 To 500, Add	*0.96*	
03 21 19 00-0053	LF	#6, Grade 40, Footings, Stainless Steel Reinforcement Bar	7.37	
		For Up To 100, Add	*6.69*	
		For >100 To 200, Add	*3.40*	
		For >200 To 500, Add	*1.36*	
03 21 19 00-0054	LF	#3, Grade 60, Footings, Stainless Steel Reinforcement Bar	2.12	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 19 00-0055	LF	#4, Grade 60, Footings, Stainless Steel Reinforcement Bar	3.80	
		For Up To 100, Add	*3.44*	
		For >100 To 200, Add	*1.75*	
		For >200 To 500, Add	*0.70*	
03 21 19 00-0056	LF	#5, Grade 60, Footings, Stainless Steel Reinforcement Bar	5.80	
		For Up To 100, Add	*5.28*	
		For >100 To 200, Add	*2.68*	
		For >200 To 500, Add	*1.07*	
03 21 19 00-0057	LF	#6, Grade 60, Footings, Stainless Steel Reinforcement Bar	8.18	
		For Up To 100, Add	*7.50*	
		For >100 To 200, Add	*3.81*	
		For >200 To 500, Add	*1.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0058	LF	#7, Grade 60, Footings, Stainless Steel Reinforcement Bar	10.99	
		For Up To 100, Add	*7.68*	
		For >100 To 200, Add	*4.19*	
		For >200 To 400, Add	*2.06*	
03 21 19 00-0059	LF	#8, Grade 60, Footings, Stainless Steel Reinforcement Bar	14.28	
		For Up To 100, Add	*10.05*	
		For >100 To 200, Add	*5.47*	
		For >200 To 400, Add	*2.69*	
03 21 19 00-0060	LF	#9, Grade 60, Footings, Stainless Steel Reinforcement Bar	17.95	
		For Up To 100, Add	*12.69*	
		For >100 To 200, Add	*6.89*	
		For >200 To 400, Add	*3.40*	
03 21 19 00-0061	LF	#10, Grade 60, Footings, Stainless Steel Reinforcement Bar	22.54	
		For Up To 100, Add	*12.86*	
		For >100 To 200, Add	*6.54*	
		For >200 To 300, Add	*3.27*	
03 21 19 00-0062	LF	#11, Grade 60, Footings, Stainless Steel Reinforcement Bar	27.46	
		For Up To 100, Add	*15.72*	
		For >100 To 200, Add	*7.99*	
		For >200 To 300, Add	*3.99*	
03 21 19 00-0063	LF	#14, Grade 60, Footings, Stainless Steel Reinforcement Bar	39.23	
		For Up To 100, Add	*22.56*	
		For >100 To 200, Add	*11.44*	
		For >200 To 300, Add	*5.72*	
03 21 19 00-0064	LF	#18, Grade 60, Footings, Stainless Steel Reinforcement Bar	69.06	
		For Up To 100, Add	*39.90*	
		For >100 To 200, Add	*20.21*	
		For >200 To 300, Add	*10.10*	
03 21 19 00-0065	LF	#6, Grade 75, Footings, Stainless Steel Reinforcement Bar	8.59	
		For Up To 100, Add	*7.91*	
		For >100 To 200, Add	*4.01*	
		For >200 To 500, Add	*1.60*	
03 21 19 00-0066	LF	#7, Grade 75, Footings, Stainless Steel Reinforcement Bar	11.55	
		For Up To 100, Add	*8.10*	
		For >100 To 200, Add	*4.41*	
		For >200 To 400, Add	*2.17*	
03 21 19 00-0067	LF	#8, Grade 75, Footings, Stainless Steel Reinforcement Bar	15.01	
		For Up To 100, Add	*10.60*	
		For >100 To 200, Add	*5.76*	
		For >200 To 400, Add	*2.84*	
03 21 19 00-0068	LF	#9, Grade 75, Footings, Stainless Steel Reinforcement Bar	18.88	
		For Up To 100, Add	*13.39*	
		For >100 To 200, Add	*7.26*	
		For >200 To 400, Add	*3.58*	
03 21 19 00-0069	LF	#10, Grade 75, Footings, Stainless Steel Reinforcement Bar	23.71	
		For Up To 100, Add	*13.56*	
		For >100 To 200, Add	*6.89*	
		For >200 To 300, Add	*3.45*	
03 21 19 00-0070	LF	#11, Grade 75, Footings, Stainless Steel Reinforcement Bar	28.90	
		For Up To 100, Add	*16.58*	
		For >100 To 200, Add	*8.42*	
		For >200 To 300, Add	*4.21*	
03 21 19 00-0071	LF	#14, Grade 75, Footings, Stainless Steel Reinforcement Bar	41.30	
		For Up To 100, Add	*23.80*	
		For >100 To 200, Add	*12.06*	
		For >200 To 300, Add	*6.03*	
03 21 19 00-0072	LF	#18, Grade 75, Footings, Stainless Steel Reinforcement Bar	72.74	
		For Up To 100, Add	*42.11*	
		For >100 To 200, Add	*21.31*	
		For >200 To 300, Add	*10.65*	

03 21 19 00-0073 Slab On Grade, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0074	LF	#3, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar	1.90	
		For Up To 100, Add	*1.70*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 19 00-0075	LF	#4, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar	3.39	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.56*	
		For >200 To 500, Add	*0.62*	
03 21 19 00-0076	LF	#5, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*4.69*	
		For >100 To 200, Add	*2.39*	
		For >200 To 500, Add	*0.95*	
03 21 19 00-0077	LF	#6, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar	7.30	
		For Up To 100, Add	*6.66*	
		For >100 To 200, Add	*3.38*	
		For >200 To 500, Add	*1.35*	
03 21 19 00-0078	LF	#3, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	2.10	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 19 00-0079	LF	#4, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	3.76	
		For Up To 100, Add	*3.42*	
		For >100 To 200, Add	*1.74*	
		For >200 To 500, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0080	LF	#5, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	5.75	
		For Up To 100, Add	*5.26*	
		For >100 To 200, Add	*2.67*	
		For >200 To 500, Add	*1.07*	
03 21 19 00-0081	LF	#6, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	8.11	
		For Up To 100, Add	*7.47*	
		For >100 To 200, Add	*3.79*	
		For >200 To 500, Add	*1.52*	
03 21 19 00-0082	LF	#7, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	10.91	
		For Up To 100, Add	*7.65*	
		For >100 To 200, Add	*4.17*	
		For >200 To 400, Add	*2.05*	
03 21 19 00-0083	LF	#8, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	14.19	
		For Up To 100, Add	*10.02*	
		For >100 To 200, Add	*5.44*	
		For >200 To 400, Add	*2.68*	
03 21 19 00-0084	LF	#9, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	17.84	
		For Up To 100, Add	*12.66*	
		For >100 To 200, Add	*6.86*	
		For >200 To 400, Add	*3.39*	
03 21 19 00-0085	LF	#10, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	22.41	
		For Up To 100, Add	*12.82*	
		For >100 To 200, Add	*6.51*	
		For >200 To 300, Add	*3.26*	
03 21 19 00-0086	LF	#11, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	27.31	
		For Up To 100, Add	*15.68*	
		For >100 To 200, Add	*7.96*	
		For >200 To 300, Add	*3.98*	
03 21 19 00-0087	LF	#14, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	39.03	
		For Up To 100, Add	*22.50*	
		For >100 To 200, Add	*11.40*	
		For >200 To 300, Add	*5.70*	
03 21 19 00-0088	LF	#18, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar	68.77	
		For Up To 100, Add	*39.81*	
		For >100 To 200, Add	*20.15*	
		For >200 To 300, Add	*10.07*	
03 21 19 00-0089	LF	#6, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	8.52	
		For Up To 100, Add	*7.88*	
		For >100 To 200, Add	*3.99*	
		For >200 To 500, Add	*1.60*	
03 21 19 00-0090	LF	#7, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	11.47	
		For Up To 100, Add	*8.07*	
		For >100 To 200, Add	*4.39*	
		For >200 To 400, Add	*2.16*	
03 21 19 00-0091	LF	#8, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	14.92	
		For Up To 100, Add	*10.57*	
		For >100 To 200, Add	*5.74*	
		For >200 To 400, Add	*2.83*	
03 21 19 00-0092	LF	#9, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	18.77	
		For Up To 100, Add	*13.35*	
		For >100 To 200, Add	*7.24*	
		For >200 To 400, Add	*3.57*	
03 21 19 00-0093	LF	#10, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	23.58	
		For Up To 100, Add	*13.52*	
		For >100 To 200, Add	*6.86*	
		For >200 To 300, Add	*3.43*	
03 21 19 00-0094	LF	#11, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	28.75	
		For Up To 100, Add	*16.54*	
		For >100 To 200, Add	*8.39*	
		For >200 To 300, Add	*4.19*	
03 21 19 00-0095	LF	#14, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	41.10	
		For Up To 100, Add	*23.74*	
		For >100 To 200, Add	*12.02*	
		For >200 To 300, Add	*6.01*	
03 21 19 00-0096	LF	#18, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar	72.45	
		For Up To 100, Add	*42.02*	
		For >100 To 200, Add	*21.25*	
		For >200 To 300, Add	*10.63*	

03 21 19 00-0097 Elevated Slabs, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0098	LF	#3, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar	1.86	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 19 00-0099	LF	#4, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar	3.32	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 19 00-0100	LF	#5, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar	5.07	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.36*	
		For >200 To 500, Add	*0.94*	
03 21 19 00-0101	LF	#6, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar	7.17	
		For Up To 100, Add	*6.61*	
		For >100 To 200, Add	*3.35*	
		For >200 To 500, Add	*1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0102	LF	#3, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	2.06	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 19 00-0103	LF	#4, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	3.69	
		For Up To 100, Add	*3.40*	
		For >100 To 200, Add	*1.72*	
		For >200 To 500, Add	*0.69*	
03 21 19 00-0104	LF	#5, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	5.64	
		For Up To 100, Add	*5.21*	
		For >100 To 200, Add	*2.64*	
		For >200 To 500, Add	*1.06*	
03 21 19 00-0105	LF	#6, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	7.98	
		For Up To 100, Add	*7.42*	
		For >100 To 200, Add	*3.76*	
		For >200 To 500, Add	*1.50*	
03 21 19 00-0106	LF	#7, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	10.75	
		For Up To 100, Add	*7.60*	
		For >100 To 200, Add	*4.13*	
		For >200 To 400, Add	*2.03*	
03 21 19 00-0107	LF	#8, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	13.99	
		For Up To 100, Add	*9.95*	
		For >100 To 200, Add	*5.39*	
		For >200 To 400, Add	*2.66*	
03 21 19 00-0108	LF	#9, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	17.62	
		For Up To 100, Add	*12.58*	
		For >100 To 200, Add	*6.81*	
		For >200 To 400, Add	*3.37*	
03 21 19 00-0109	LF	#10, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	22.15	
		For Up To 100, Add	*12.74*	
		For >100 To 200, Add	*6.46*	
		For >200 To 300, Add	*3.23*	
03 21 19 00-0110	LF	#11, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	27.00	
		For Up To 100, Add	*15.58*	
		For >100 To 200, Add	*7.89*	
		For >200 To 300, Add	*3.95*	
03 21 19 00-0111	LF	#14, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	38.65	
		For Up To 100, Add	*22.39*	
		For >100 To 200, Add	*11.33*	
		For >200 To 300, Add	*5.66*	
03 21 19 00-0112	LF	#18, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar	68.17	
		For Up To 100, Add	*39.63*	
		For >100 To 200, Add	*20.03*	
		For >200 To 300, Add	*10.01*	
03 21 19 00-0113	LF	#6, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	8.39	
		For Up To 100, Add	*7.83*	
		For >100 To 200, Add	*3.96*	
		For >200 To 500, Add	*1.58*	
03 21 19 00-0114	LF	#7, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	11.31	
		For Up To 100, Add	*8.02*	
		For >100 To 200, Add	*4.35*	
		For >200 To 400, Add	*2.15*	
03 21 19 00-0115	LF	#8, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	14.72	
		For Up To 100, Add	*10.50*	
		For >100 To 200, Add	*5.69*	
		For >200 To 400, Add	*2.81*	
03 21 19 00-0116	LF	#9, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	18.55	
		For Up To 100, Add	*13.28*	
		For >100 To 200, Add	*7.18*	
		For >200 To 400, Add	*3.55*	
03 21 19 00-0117	LF	#10, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	23.32	
		For Up To 100, Add	*13.44*	
		For >100 To 200, Add	*6.81*	
		For >200 To 300, Add	*3.41*	
03 21 19 00-0118	LF	#11, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	28.44	
		For Up To 100, Add	*16.45*	
		For >100 To 200, Add	*8.33*	
		For >200 To 300, Add	*4.16*	
03 21 19 00-0119	LF	#14, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	40.72	
		For Up To 100, Add	*23.63*	
		For >100 To 200, Add	*11.95*	
		For >200 To 300, Add	*5.97*	
03 21 19 00-0120	LF	#18, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar	71.85	
		For Up To 100, Add	*41.84*	
		For >100 To 200, Add	*21.13*	
		For >200 To 300, Add	*10.57*	

03 21 19 00-0121 Walls, Stainless Steel Reinforcement Bar *(03 21 19)*

Note: ASTM A-955.

03 21 19 00-0122	LF	#3, Grade 40, Walls, Stainless Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.67*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 19 00-0123	LF	#4, Grade 40, Walls, Stainless Steel Reinforcement Bar	3.28	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0124	LF	#5, Grade 40, Walls, Stainless Steel Reinforcement Bar	5.01	
		For Up To 100, Add	*4.62*	
		For >100 To 200, Add	*2.34*	
		For >200 To 500, Add	*0.94*	
03 21 19 00-0125	LF	#6, Grade 40, Walls, Stainless Steel Reinforcement Bar	7.10	
		For Up To 100, Add	*6.58*	
		For >100 To 200, Add	*3.33*	
		For >200 To 500, Add	*1.33*	
03 21 19 00-0126	LF	#3, Grade 60, Walls, Stainless Steel Reinforcement Bar	2.04	
		For Up To 100, Add	*1.87*	
		For >100 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.38*	
03 21 19 00-0127	LF	#4, Grade 60, Walls, Stainless Steel Reinforcement Bar	3.65	
		For Up To 100, Add	*3.38*	
		For >100 To 200, Add	*1.71*	
		For >200 To 500, Add	*0.69*	
03 21 19 00-0128	LF	#5, Grade 60, Walls, Stainless Steel Reinforcement Bar	5.58	
		For Up To 100, Add	*5.19*	
		For >100 To 200, Add	*2.63*	
		For >200 To 500, Add	*1.05*	
03 21 19 00-0129	LF	#6, Grade 60, Walls, Stainless Steel Reinforcement Bar	7.91	
		For Up To 100, Add	*7.39*	
		For >100 To 200, Add	*3.74*	
		For >200 To 500, Add	*1.50*	
03 21 19 00-0130	LF	#7, Grade 60, Walls, Stainless Steel Reinforcement Bar	10.66	
		For Up To 100, Add	*7.57*	
		For >100 To 200, Add	*4.10*	
		For >200 To 400, Add	*2.03*	
03 21 19 00-0131	LF	#8, Grade 60, Walls, Stainless Steel Reinforcement Bar	13.90	
		For Up To 100, Add	*9.92*	
		For >100 To 200, Add	*5.37*	
		For >200 To 400, Add	*2.65*	
03 21 19 00-0132	LF	#9, Grade 60, Walls, Stainless Steel Reinforcement Bar	17.51	
		For Up To 100, Add	*12.54*	
		For >100 To 200, Add	*6.78*	
		For >200 To 400, Add	*3.35*	
03 21 19 00-0133	LF	#10, Grade 60, Walls, Stainless Steel Reinforcement Bar	22.02	
		For Up To 100, Add	*12.70*	
		For >100 To 200, Add	*6.44*	
		For >200 To 300, Add	*3.22*	
03 21 19 00-0134	LF	#11, Grade 60, Walls, Stainless Steel Reinforcement Bar	26.86	
		For Up To 100, Add	*15.54*	
		For >100 To 200, Add	*7.87*	
		For >200 To 300, Add	*3.93*	
03 21 19 00-0135	LF	#14, Grade 60, Walls, Stainless Steel Reinforcement Bar	38.46	
		For Up To 100, Add	*22.33*	
		For >100 To 200, Add	*11.29*	
		For >200 To 300, Add	*5.64*	
03 21 19 00-0136	LF	#18, Grade 60, Walls, Stainless Steel Reinforcement Bar	67.87	
		For Up To 100, Add	*39.54*	
		For >100 To 200, Add	*19.97*	
		For >200 To 300, Add	*9.98*	
03 21 19 00-0137	LF	#6, Grade 75, Walls, Stainless Steel Reinforcement Bar	8.32	
		For Up To 100, Add	*7.80*	
		For >100 To 200, Add	*3.94*	
		For >200 To 500, Add	*1.58*	
03 21 19 00-0138	LF	#7, Grade 75, Walls, Stainless Steel Reinforcement Bar	11.22	
		For Up To 100, Add	*7.99*	
		For >100 To 200, Add	*4.33*	
		For >200 To 400, Add	*2.14*	
03 21 19 00-0139	LF	#8, Grade 75, Walls, Stainless Steel Reinforcement Bar	14.63	
		For Up To 100, Add	*10.47*	
		For >100 To 200, Add	*5.66*	
		For >200 To 400, Add	*2.80*	
03 21 19 00-0140	LF	#9, Grade 75, Walls, Stainless Steel Reinforcement Bar	18.44	
		For Up To 100, Add	*13.24*	
		For >100 To 200, Add	*7.15*	
		For >200 To 400, Add	*3.54*	
03 21 19 00-0141	LF	#10, Grade 75, Walls, Stainless Steel Reinforcement Bar	23.19	
		For Up To 100, Add	*13.40*	
		For >100 To 200, Add	*6.79*	
		For >200 To 300, Add	*3.39*	
03 21 19 00-0142	LF	#11, Grade 75, Walls, Stainless Steel Reinforcement Bar	28.30	
		For Up To 100, Add	*16.40*	
		For >100 To 200, Add	*8.30*	
		For >200 To 300, Add	*4.15*	
03 21 19 00-0143	LF	#14, Grade 75, Walls, Stainless Steel Reinforcement Bar	40.53	
		For Up To 100, Add	*23.57*	
		For >100 To 200, Add	*11.91*	
		For >200 To 300, Add	*5.96*	
03 21 19 00-0144	LF	#18, Grade 75, Walls, Stainless Steel Reinforcement Bar	71.55	
		For Up To 100, Add	*41.75*	
		For >100 To 200, Add	*21.07*	
		For >200 To 300, Add	*10.54*	

03 22 Fabric and Grid Reinforcing *(03 20)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, (W1.4 x W1.4), 21 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	0.88
		For >5 Ton, Deduct	*-0.13*
03 22 11 00-0003	SF	6" x 6" x #8, (W2.1 x W2.1), 30 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.00
		For >5 Ton, Deduct	*-0.15*
03 22 11 00-0004	SF	6" x 6" x #6, (W2.9 x W2.9), 42 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.14
		For >5 Ton, Deduct	*-0.17*
03 22 11 00-0005	SF	6" x 6" x #4, (W4.0 x W4.0), 58 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.35
		For >5 Ton, Deduct	*-0.19*
03 22 11 00-0006	SF	4" x 4" x #10, (W1.4 x W1.4), 31 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.05
		For >5 Ton, Deduct	*-0.15*
03 22 11 00-0007	SF	4" x 4" x #8, (W2.1 x W2.1), 44 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.18
		For >5 Ton, Deduct	*-0.17*
03 22 11 00-0008	SF	4" x 4" x #6, (W2.9 x W2.9), 62 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.50
		For >5 Ton, Deduct	*-0.21*
03 22 11 00-0009	SF	4" x 4" x #4, (W4.0 x W4.0), 85 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.75
		For >5 Ton, Deduct	*-0.24*
03 22 11 00-0010	SF	2" x 2" x #10, (W1.4 x W1.4), 60 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.25
		For >5 Ton, Deduct	*-0.28*
		For Galvanized, Add	*0.56*
		For Epoxy Coated, Add	*1.13*
03 22 11 00-0011	SF	2" x 2" x #12, (W0.9 x W0.9), 37 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.62
		For >5 Ton, Deduct	*-0.21*
03 22 11 00-0012	SF	2" x 2" x #8, (W2.1 x W2.1), 88 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	3.02
		For >5 Ton, Deduct	*-0.37*

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, (W1.4 x W1.4), 21 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	0.97
		For >5 Ton, Deduct	*-0.14*
03 22 13 00-0003	SF	6" x 6" x #8, (W2.1 x W2.1), 29 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.12
		For >5 Ton, Deduct	*-0.16*
03 22 13 00-0004	SF	6" x 6" x #6, (W2.9 x W2.9), 42 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.29
		For >5 Ton, Deduct	*-0.18*
03 22 13 00-0005	SF	6" x 6" x #4, (W4.0 x W4.0), 58 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.57
		For >5 Ton, Deduct	*-0.21*
03 22 13 00-0006	SF	4" x 4" x #10, (W1.4 x W1.4), 31 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.18
		For >5 Ton, Deduct	*-0.17*
03 22 13 00-0007	SF	4" x 4" x #8, (W2.1 x W2.1), 43 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.35
		For >5 Ton, Deduct	*-0.19*
03 22 13 00-0008	SF	4" x 4" x #6, (W2.9 x W2.9), 62 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.77
		For >5 Ton, Deduct	*-0.23*
03 22 13 00-0009	SF	4" x 4" x #4, (W4.0 x W4.0), 85 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.09
		For >5 Ton, Deduct	*-0.27*

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, (W0.5 x W0.5), 21 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns	3.44
		For >5 Ton, Deduct	*-0.54*

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, (W1.4 x W1.4), 21 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	0.96
		For >5 Ton, Deduct	*-0.14*
03 22 16 00-0003	SF	6" x 6" x #8, (W2.1 x W2.1), 29 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.10
		For >5 Ton, Deduct	*-0.16*
03 22 16 00-0004	SF	6" x 6" x #6, (W2.9 x W2.9), 42 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.27
		For >5 Ton, Deduct	*-0.18*
03 22 16 00-0005	SF	6" x 6" x #4, (W4.0 x W4.0), 58 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.54
		For >5 Ton, Deduct	*-0.21*
03 22 16 00-0006	SF	4" x 4" x #10, (W1.4 x W1.4), 31 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.17
		For >5 Ton, Deduct	*-0.17*
03 22 16 00-0007	SF	4" x 4" x #8, (W2.1 x W2.1), 43 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.33
		For >5 Ton, Deduct	*-0.19*
03 22 16 00-0008	SF	4" x 4" x #6, (W2.9 x W2.9), 62 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.74
		For >5 Ton, Deduct	*-0.23*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 16 00-0009	SF	4" x 4" x #4, (W4.0 x W4.0), 85 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.04	
		For >5 Ton, Deduct	*-0.27*	

03 22 23 Stainless Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 23)*

03 22 23 00-0002	SF	6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	1.61
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.07

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0041 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Duct Bank *(03 30 53)*

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	219.20
		For 2,000 PSI Concrete, Deduct	*-9.70*
		For 2,500 PSI Concrete, Deduct	*-4.85*
		For 3,500 PSI Concrete, Add	*8.99*
		For 3,750 PSI Concrete, Add	*12.22*
		For 4,000 PSI Concrete, Add	*15.45*
		For 4,500 PSI Concrete, Add	*17.97*
		For 5,000 PSI Concrete, Add	*20.49*
		For 6,000 PSI Concrete, Add	*48.52*
		For White Cement Concrete, Add	*21.56*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*
		For Lightweight Aggregate, ASTM C330, Add	*62.90*
		For Up To 20, Add	*15.80*
		For >20 To 50, Add	*5.93*
		For >100 To 200, Deduct	*-4.38*
		For >200 To 400, Deduct	*-8.77*
		For >400, Deduct	*-13.15*

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	268.91
		For 2,000 PSI Concrete, Deduct	*-9.70*
		For 2,500 PSI Concrete, Deduct	*-4.85*
		For 3,500 PSI Concrete, Add	*8.99*
		For 3,750 PSI Concrete, Add	*12.22*
		For 4,000 PSI Concrete, Add	*15.46*
		For 4,500 PSI Concrete, Add	*17.97*
		For 5,000 PSI Concrete, Add	*20.49*
		For 6,000 PSI Concrete, Add	*48.52*
		For White Cement Concrete, Add	*21.57*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*
		For Lightweight Aggregate, ASTM C330, Add	*62.90*
		For Up To 20, Add	*35.68*
		For >20 To 50, Add	*13.38*
		For >100 To 200, Deduct	*-5.38*
		For >200 To 400, Deduct	*-10.76*
		For >400, Deduct	*-16.13*
03 30 53 00-0005	CY	Concrete Pump, Place 3,000 PSI Concrete Thrust Blocks Note: Excludes pumping equipment.	268.13
		For 2,000 PSI Concrete, Deduct	*-10.51*
		For 2,500 PSI Concrete, Deduct	*-5.26*
		For 3,500 PSI Concrete, Add	*9.73*
		For 3,750 PSI Concrete, Add	*13.24*
		For 4,000 PSI Concrete, Add	*16.74*
		For 4,500 PSI Concrete, Add	*19.47*
		For 5,000 PSI Concrete, Add	*22.19*
		For 6,000 PSI Concrete, Add	*52.56*
		For White Cement Concrete, Add	*23.36*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*
		For Lightweight Aggregate, ASTM C330, Add	*68.14*

03 30 53 00-0006 Place Concrete Slurry *(03 30 53)*

03 30 53 00-0007	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY.	204.46
03 30 53 00-0008	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY. Excludes pumping equipment.	196.59
03 30 53 00-0009	CY	Direct Chute, Place One Sack Cement, Concrete Slurry Note: One 94# sack cement per CY.	181.00
03 30 53 00-0010	CY	Concrete Pump, Place One Sack Cement, Concrete Slurry Note: One 94# sack cement per CY. Excludes pumping equipment.	173.13

03 30 53 00-0011 Hand Mix And Place Concrete *(03 30 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0012	CF	Hand Mix And Place 3,000 PSI Concrete Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	21.09	
		For Up To 25 CF, Add	*2.49*	
		For 2,000 PSI Concrete, Deduct	*-0.41*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.38*	
		For 3,750 PSI Concrete, Add	*0.52*	
		For 4,000 PSI Concrete, Add	*0.66*	
		For 4,500 PSI Concrete, Add	*0.77*	
		For 5,000 PSI Concrete, Add	*0.88*	
		For 6,000 PSI Concrete, Add	*2.07*	
		For White Cement Concrete, Add	*0.92*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*1.00*	
		For High Early Strength, Type 3 ASTM C150, Add	*0.77*	
		For Lightweight Aggregate, ASTM C330, Add	*2.69*	

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slab Assembly	8.87	
		For 2,000 PSI Concrete, Deduct	*-0.24*	
		For 2,500 PSI Concrete, Deduct	*-0.12*	
		For 3,500 PSI Concrete, Add	*0.08*	
		For 4,000 PSI Concrete, Add	*0.27*	
		For 4,500 PSI Concrete, Add	*0.34*	
		For 5,000 PSI Concrete, Add	*0.40*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*3.58*	
		For >500 To 1,000, Add	*2.46*	
		For >1,000 To 2,000, Add	*1.34*	
		For >2,000 To 5,000, Add	*0.67*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000 To 35,000, Deduct	*-0.44*	
		For >35,000 To 50,000, Deduct	*-0.66*	
		For >50,000 To 70,000, Deduct	*-0.88*	
		For >70,000, Deduct	*-1.11*	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slab Assembly	9.69	
		For 2,000 PSI Concrete, Deduct	*-0.27*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.31*	
		For 4,500 PSI Concrete, Add	*0.39*	
		For 5,000 PSI Concrete, Add	*0.45*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*3.83*	
		For >500 To 1,000, Add	*2.64*	
		For >1,000 To 2,000, Add	*1.44*	
		For >2,000 To 5,000, Add	*0.72*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000 To 35,000, Deduct	*-0.49*	
		For >35,000 To 50,000, Deduct	*-0.73*	
		For >50,000 To 70,000, Deduct	*-0.97*	
		For >70,000, Deduct	*-1.22*	
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slab Assembly	10.82	
		For 2,000 PSI Concrete, Deduct	*-0.31*	
		For 2,500 PSI Concrete, Deduct	*-0.16*	
		For 3,500 PSI Concrete, Add	*0.11*	
		For 4,000 PSI Concrete, Add	*0.36*	
		For 4,500 PSI Concrete, Add	*0.46*	
		For 5,000 PSI Concrete, Add	*0.53*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*4.18*	
		For >500 To 1,000, Add	*2.88*	
		For >1,000 To 2,000, Add	*1.59*	
		For >2,000 To 5,000, Add	*0.79*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000 To 35,000, Deduct	*-0.56*	
		For >35,000 To 50,000, Deduct	*-0.83*	
		For >50,000 To 70,000, Deduct	*-1.10*	
		For >70,000, Deduct	*-1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slab Assembly	11.91	
		For 2,000 PSI Concrete, Deduct	*-0.36*	
		For 2,500 PSI Concrete, Deduct	*-0.18*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.42*	
		For 4,500 PSI Concrete, Add	*0.53*	
		For 5,000 PSI Concrete, Add	*0.61*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*4.48*	
		For >500 To 1,000, Add	*3.10*	
		For >1,000 To 2,000, Add	*1.72*	
		For >2,000 To 5,000, Add	*0.86*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000 To 35,000, Deduct	*-0.63*	
		For >35,000 To 50,000, Deduct	*-0.93*	
		For >50,000 To 70,000, Deduct	*-1.23*	
		For >70,000, Deduct	*-1.52*	
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slab Assembly	12.83	
		For 2,000 PSI Concrete, Deduct	*-0.40*	
		For 2,500 PSI Concrete, Deduct	*-0.20*	
		For 3,500 PSI Concrete, Add	*0.14*	
		For 4,000 PSI Concrete, Add	*0.46*	
		For 4,500 PSI Concrete, Add	*0.58*	
		For 5,000 PSI Concrete, Add	*0.67*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*4.75*	
		For >500 To 1,000, Add	*3.29*	
		For >1,000 To 2,000, Add	*1.83*	
		For >2,000 To 5,000, Add	*0.91*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000 To 35,000, Deduct	*-0.69*	
		For >35,000 To 50,000, Deduct	*-1.01*	
		For >50,000 To 70,000, Deduct	*-1.33*	
		For >70,000, Deduct	*-1.65*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slab Assembly	15.19	
		For 2,000 PSI Concrete, Deduct	*-0.50*	
		For 2,500 PSI Concrete, Deduct	*-0.25*	
		For 3,500 PSI Concrete, Add	*0.18*	
		For 4,000 PSI Concrete, Add	*0.59*	
		For 4,500 PSI Concrete, Add	*0.74*	
		For 5,000 PSI Concrete, Add	*0.85*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*5.39*	
		For >500 To 1,000, Add	*3.75*	
		For >1,000 To 2,000, Add	*2.11*	
		For >2,000 To 5,000, Add	*1.05*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000 To 35,000, Deduct	*-0.85*	
		For >35,000 To 50,000, Deduct	*-1.23*	
		For >50,000 To 70,000, Deduct	*-1.61*	
		For >70,000, Deduct	*-1.99*	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slab Assembly	17.03	
		For 2,000 PSI Concrete, Deduct	*-0.58*	
		For 2,500 PSI Concrete, Deduct	*-0.29*	
		For 3,500 PSI Concrete, Add	*0.20*	
		For 4,000 PSI Concrete, Add	*0.68*	
		For 4,500 PSI Concrete, Add	*0.85*	
		For 5,000 PSI Concrete, Add	*0.98*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.88*	
		For Up To 500, Add	*5.92*	
		For >500 To 1,000, Add	*4.13*	
		For >1,000 To 2,000, Add	*2.33*	
		For >2,000 To 5,000, Add	*1.17*	
		For >10,000 To 20,000, Deduct	*-0.54*	
		For >20,000 To 35,000, Deduct	*-0.96*	
		For >35,000 To 50,000, Deduct	*-1.39*	
		For >50,000 To 70,000, Deduct	*-1.81*	
		For >70,000, Deduct	*-2.24*	

03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*
Note: Includes cleaning out equipment and standard concrete placement tests.

03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*
Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	324.34	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.46*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.57*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*57.85*	
		For >20 To 50, Add	*21.69*	
		For >100 To 200, Deduct	*-6.49*	
		For >200 To 400, Deduct	*-12.97*	
		For >400, Deduct	*-19.46*	
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	245.29	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*26.24*	
		For >20 To 50, Add	*9.84*	
		For >100 To 200, Deduct	*-4.91*	
		For >200 To 400, Deduct	*-9.81*	
		For >400, Deduct	*-14.72*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps.	257.13	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*24.98*	
		For >20 To 50, Add	*9.37*	
		For >100 To 200, Deduct	*-5.14*	
		For >200 To 400, Deduct	*-10.29*	
		For >400, Deduct	*-15.43*	

03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	308.26	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*51.42*	
		For >20 To 50, Add	*19.28*	
		For >100 To 200, Deduct	*-6.17*	
		For >200 To 400, Deduct	*-12.33*	
		For >400, Deduct	*-18.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	238.00	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*23.32*	
		For >20 To 50, Add	*8.75*	
		For >100 To 200, Deduct	*-4.76*	
		For >200 To 400, Deduct	*-9.52*	
		For >400, Deduct	*-14.28*	
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	250.20	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*22.21*	
		For >20 To 50, Add	*8.33*	
		For >100 To 200, Deduct	*-5.00*	
		For >200 To 400, Deduct	*-10.01*	
		For >400, Deduct	*-15.01*	

03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	396.64	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*86.78*	
		For >20 To 50, Add	*32.54*	
		For >100 To 200, Deduct	*-7.93*	
		For >200 To 400, Deduct	*-15.87*	
		For >400, Deduct	*-23.80*	
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	278.08	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*39.35*	
		For >20 To 50, Add	*14.76*	
		For >100 To 200, Deduct	*-5.56*	
		For >200 To 400, Deduct	*-11.12*	
		For >400, Deduct	*-16.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	288.38	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*37.48*	
		For >20 To 50, Add	*14.06*	
		For >100 To 200, Deduct	*-5.77*	
		For >200 To 400, Deduct	*-11.54*	
		For >400, Deduct	*-17.30*	

03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	218.27	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*15.43*	
		For >20 To 50, Add	*5.79*	
		For >100 To 200, Deduct	*-4.37*	
		For >200 To 400, Deduct	*-8.73*	
		For >400, Deduct	*-13.10*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	197.20	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*7.00*	
		For >20 To 50, Add	*2.63*	
		For >100 To 200, Deduct	*-3.94*	
		For >200 To 400, Deduct	*-7.89*	
		For >400, Deduct	*-11.83*	
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	209.26	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*5.83*	
		For >20 To 50, Add	*2.19*	
		For >100 To 200, Deduct	*-4.19*	
		For >200 To 400, Deduct	*-8.37*	
		For >400, Deduct	*-12.56*	

03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	282.54	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*41.14*	
		For >20 To 50, Add	*15.43*	
		For >100 To 200, Deduct	*-5.65*	
		For >200 To 400, Deduct	*-11.30*	
		For >400, Deduct	*-16.95*	
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	226.34	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*18.66*	
		For >20 To 50, Add	*7.00*	
		For >100 To 200, Deduct	*-4.53*	
		For >200 To 400, Deduct	*-9.05*	
		For >400, Deduct	*-13.58*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	239.10	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*17.77*	
		For >20 To 50, Add	*6.66*	
		For >100 To 200, Deduct	*-4.78*	
		For >200 To 400, Deduct	*-9.56*	
		For >400, Deduct	*-14.35*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	284.96	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*42.10*	
		For >20 To 50, Add	*15.79*	
		For >100 To 200, Deduct	*-5.70*	
		For >200 To 400, Deduct	*-11.40*	
		For >400, Deduct	*-17.10*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	259.57	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*31.95*	
		For >20 To 50, Add	*11.98*	
		For >100 To 200, Deduct	*-5.19*	
		For >200 To 400, Deduct	*-10.38*	
		For >400, Deduct	*-15.57*	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	227.43	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*19.09*	
		For >20 To 50, Add	*7.16*	
		For >100 To 200, Deduct	*-4.55*	
		For >200 To 400, Deduct	*-9.10*	
		For >400, Deduct	*-13.65*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	215.91	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*14.48*	
		For >20 To 50, Add	*5.43*	
		For >100 To 200, Deduct	*-4.32*	
		For >200 To 400, Deduct	*-8.64*	
		For >400, Deduct	*-12.95*	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	234.46	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*15.91*	
		For >20 To 50, Add	*5.97*	
		For >100 To 200, Deduct	*-4.69*	
		For >200 To 400, Deduct	*-9.38*	
		For >400, Deduct	*-14.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	224.86	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*12.07*	
		For >20 To 50, Add	*4.53*	
		For >100 To 200, Deduct	*-4.50*	
		For >200 To 400, Deduct	*-8.99*	
		For >400, Deduct	*-13.49*	
03 31 13 00-0039		Place Concrete Stairs *(03 31 13 00-0011)*		
03 31 13 00-0040	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	653.29	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*189.44*	
		For >20 To 50, Add	*71.04*	
		For >100 To 200, Deduct	*-13.07*	
		For >200 To 400, Deduct	*-26.13*	
		For >400, Deduct	*-39.20*	
03 31 13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	394.50	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*85.92*	
		For >20 To 50, Add	*32.22*	
		For >100 To 200, Deduct	*-7.89*	
		For >200 To 400, Deduct	*-15.78*	
		For >400, Deduct	*-23.67*	
03 31 13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs	373.70	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*71.61*	
		For >20 To 50, Add	*26.85*	
		For >100 To 200, Deduct	*-7.47*	
		For >200 To 400, Deduct	*-14.95*	
		For >400, Deduct	*-22.42*	
03 31 13 00-0043		Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)*		
		See CSI section 03 37 16 00-0001 for concrete pump truck.		
03 31 13 00-0044		Place Elevated Concrete Beams *(03 31 13 00-0043)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	436.80	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*102.84*	
		For >20 To 50, Add	*38.57*	
		For >100 To 200, Deduct	*-8.74*	
		For >200 To 400, Deduct	*-17.47*	
		For >400, Deduct	*-26.21*	
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	305.72	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*44.42*	
		For >20 To 50, Add	*16.66*	
		For >100 To 200, Deduct	*-6.11*	
		For >200 To 400, Deduct	*-12.23*	
		For >400, Deduct	*-18.34*	

03 31 13 00-0047 Place Elevated Concrete Slab *(03 31 13 00-0043)*

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	300.75	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*48.42*	
		For >20 To 50, Add	*18.16*	
		For >100 To 200, Deduct	*-6.02*	
		For >200 To 400, Deduct	*-12.03*	
		For >400, Deduct	*-18.05*	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	271.54	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*36.74*	
		For >20 To 50, Add	*13.78*	
		For >100 To 200, Deduct	*-5.43*	
		For >200 To 400, Deduct	*-10.86*	
		For >400, Deduct	*-16.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	246.96	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*20.91*	
		For >20 To 50, Add	*7.84*	
		For >100 To 200, Deduct	*-4.94*	
		For >200 To 400, Deduct	*-9.88*	
		For >400, Deduct	*-14.82*	
03 31 13 00-0051	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	234.35	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*15.87*	
		For >20 To 50, Add	*5.95*	
		For >100 To 200, Deduct	*-4.69*	
		For >200 To 400, Deduct	*-9.37*	
		For >400, Deduct	*-14.06*	

03 31 13 00-0052 Place Concrete Columns *(03 31 13 00-0043)*

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	457.38	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*111.07*	
		For >20 To 50, Add	*41.65*	
		For >100 To 200, Deduct	*-9.15*	
		For >200 To 400, Deduct	*-18.30*	
		For >400, Deduct	*-27.44*	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	381.53	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*80.73*	
		For >20 To 50, Add	*30.27*	
		For >100 To 200, Deduct	*-7.63*	
		For >200 To 400, Deduct	*-15.26*	
		For >400, Deduct	*-22.89*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	327.28	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*59.03*	
		For >20 To 50, Add	*22.14*	
		For >100 To 200, Deduct	*-6.55*	
		For >200 To 400, Deduct	*-13.09*	
		For >400, Deduct	*-19.64*	
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	303.12	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*49.37*	
		For >20 To 50, Add	*18.51*	
		For >100 To 200, Deduct	*-6.06*	
		For >200 To 400, Deduct	*-12.12*	
		For >400, Deduct	*-18.19*	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	314.62	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*47.98*	
		For >20 To 50, Add	*17.99*	
		For >100 To 200, Deduct	*-6.29*	
		For >200 To 400, Deduct	*-12.58*	
		For >400, Deduct	*-18.88*	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	281.85	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*34.87*	
		For >20 To 50, Add	*13.08*	
		For >100 To 200, Deduct	*-5.64*	
		For >200 To 400, Deduct	*-11.27*	
		For >400, Deduct	*-16.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	258.42	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*25.50*	
		For >20 To 50, Add	*9.56*	
		For >100 To 200, Deduct	*-5.17*	
		For >200 To 400, Deduct	*-10.34*	
		For >400, Deduct	*-15.51*	
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	247.98	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*21.32*	
		For >20 To 50, Add	*8.00*	
		For >100 To 200, Deduct	*-4.96*	
		For >200 To 400, Deduct	*-9.92*	
		For >400, Deduct	*-14.88*	

03 31 13 00-0061 Place Concrete Walls *(03 31 13 00-0043)*

03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	440.02	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*104.13*	
		For >20 To 50, Add	*39.05*	
		For >100 To 200, Deduct	*-8.80*	
		For >200 To 400, Deduct	*-17.60*	
		For >400, Deduct	*-26.40*	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	418.44	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*95.50*	
		For >20 To 50, Add	*35.81*	
		For >100 To 200, Deduct	*-8.37*	
		For >200 To 400, Deduct	*-16.74*	
		For >400, Deduct	*-25.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	361.93	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*72.89*	
		For >20 To 50, Add	*27.33*	
		For >100 To 200, Deduct	*-7.24*	
		For >200 To 400, Deduct	*-14.48*	
		For >400, Deduct	*-21.72*	
03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	297.75	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*47.22*	
		For >20 To 50, Add	*17.71*	
		For >100 To 200, Deduct	*-5.96*	
		For >200 To 400, Deduct	*-11.91*	
		For >400, Deduct	*-17.87*	
03 31 13 00-0066	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	274.14	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*37.78*	
		For >20 To 50, Add	*14.17*	
		For >100 To 200, Deduct	*-5.48*	
		For >200 To 400, Deduct	*-10.97*	
		For >400, Deduct	*-16.45*	
03 31 13 00-0067	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	262.34	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*33.06*	
		For >20 To 50, Add	*12.40*	
		For >100 To 200, Deduct	*-5.25*	
		For >200 To 400, Deduct	*-10.49*	
		For >400, Deduct	*-15.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0068	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	307.11	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*44.97*	
		For >20 To 50, Add	*16.86*	
		For >100 To 200, Deduct	*-6.14*	
		For >200 To 400, Deduct	*-12.28*	
		For >400, Deduct	*-18.43*	
03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	284.62	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*35.98*	
		For >20 To 50, Add	*13.49*	
		For >100 To 200, Deduct	*-5.69*	
		For >200 To 400, Deduct	*-11.38*	
		For >400, Deduct	*-17.08*	
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	273.38	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*31.48*	
		For >20 To 50, Add	*11.81*	
		For >100 To 200, Deduct	*-5.47*	
		For >200 To 400, Deduct	*-10.94*	
		For >400, Deduct	*-16.40*	

03 31 13 00-0071 Place Elevated Concrete Stairs *(03 31 13 00-0043)*

03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	705.97	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*210.51*	
		For >20 To 50, Add	*78.94*	
		For >100 To 200, Deduct	*-14.12*	
		For >200 To 400, Deduct	*-28.24*	
		For >400, Deduct	*-42.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	418.35	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*95.46*	
		For >20 To 50, Add	*35.80*	
		For >100 To 200, Deduct	*-8.37*	
		For >200 To 400, Deduct	*-16.73*	
		For >400, Deduct	*-25.10*	
03 31 13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	393.56	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*79.55*	
		For >20 To 50, Add	*29.83*	
		For >100 To 200, Deduct	*-7.87*	
		For >200 To 400, Deduct	*-15.74*	
		For >400, Deduct	*-23.61*	

03 31 13 00-0075 Place Concrete Coping *(03 31 13 00-0043)*

03 31 13 00-0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	724.16	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*217.78*	
		For >20 To 50, Add	*81.67*	
		For >100 To 200, Deduct	*-14.48*	
		For >200 To 400, Deduct	*-28.97*	
		For >400, Deduct	*-43.45*	
03 31 13 00-0077	CY	Direct Chute, Place 3,000 PSI Concrete Coping	416.76	
		For 2,000 PSI Concrete, Deduct	*-9.70*	
		For 2,500 PSI Concrete, Deduct	*-4.85*	
		For 3,500 PSI Concrete, Add	*8.99*	
		For 3,750 PSI Concrete, Add	*12.22*	
		For 4,000 PSI Concrete, Add	*15.45*	
		For 4,500 PSI Concrete, Add	*17.97*	
		For 5,000 PSI Concrete, Add	*20.49*	
		For 6,000 PSI Concrete, Add	*48.52*	
		For White Cement Concrete, Add	*21.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*23.36*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.97*	
		For Lightweight Aggregate, ASTM C330, Add	*62.90*	
		For Up To 20, Add	*94.82*	
		For >20 To 50, Add	*35.56*	
		For >100 To 200, Deduct	*-8.34*	
		For >200 To 400, Deduct	*-16.67*	
		For >400, Deduct	*-25.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0078	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	553.74	
		For 2,000 PSI Concrete, Deduct	*-10.51*	
		For 2,500 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Add	*9.73*	
		For 3,750 PSI Concrete, Add	*13.24*	
		For 4,000 PSI Concrete, Add	*16.74*	
		For 4,500 PSI Concrete, Add	*19.47*	
		For 5,000 PSI Concrete, Add	*22.19*	
		For 6,000 PSI Concrete, Add	*52.56*	
		For White Cement Concrete, Add	*23.36*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*25.31*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.47*	
		For Lightweight Aggregate, ASTM C330, Add	*68.14*	
		For Up To 20, Add	*143.62*	
		For >20 To 50, Add	*53.86*	
		For >100 To 200, Deduct	*-11.07*	
		For >200 To 400, Deduct	*-22.15*	
		For >400, Deduct	*-33.22*	
03 31 13 00-0079		Concrete Carts *(03 31 13 00-0010)* Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY	50' Haul, Non-Motorized, Concrete Buggy	29.34	
03 31 13 00-0081	CY	150' Haul, Non-Motorized, Concrete Buggy	39.29	
03 31 13 00-0082	CY	250' Haul, Non-Motorized, Concrete Buggy	52.39	
03 31 13 00-0083	CY	50' Haul, Motorized, Concrete Buggy	13.08	
03 31 13 00-0084	CY	150' Haul, Motorized, Concrete Buggy	17.54	
03 31 13 00-0085	CY	250' Haul, Motorized, Concrete Buggy	23.38	
03 31 13 00-0086		Delivery Fee For Small Concrete Purchases (Short Load) *(03 31 13)*		
03 31 13 00-0087	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	27.00	
03 31 13 00-0088		Equipment Pads *(03 31 13)*		
03 31 13 00-0089		Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0088)* Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0090	SF	4" Equipment Pad With Welded Wire Reinforcement Assembly	20.33	
		For >5 To 20 Pads, Deduct	*-2.52*	
		For >20 To 50 Pads, Deduct	*-4.62*	
		For >50 Pads, Deduct	*-6.72*	
03 31 13 00-0091	SF	4" Equipment Pad With Rebar Assembly	26.27	
		For >5 To 20 Pads, Deduct	*-2.91*	
		For >20 To 50 Pads, Deduct	*-5.33*	
		For >50 Pads, Deduct	*-7.75*	
03 31 13 00-0092	SF	6" Equipment Pad With Rebar Assembly	32.82	
		For >5 To 20 Pads, Deduct	*-3.65*	
		For >20 To 50 Pads, Deduct	*-6.70*	
		For >50 Pads, Deduct	*-9.74*	
03 31 13 00-0093	SF	8" Equipment Pad With Rebar Assembly	41.00	
		For >5 To 20 Pads, Deduct	*-4.64*	
		For >20 To 50 Pads, Deduct	*-8.51*	
		For >50 Pads, Deduct	*-12.38*	
03 31 16		**Lightweight Structural Concrete** *(03 31)*		
03 31 16 00-0001		Low Density Cellular / Foam Concrete Fill *(03 31 16)*		
03 31 16 00-0002	CY	Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	323.31	
03 35		**Concrete Finishing** *(03 30)*		
03 35 13		**High-Tolerance Concrete Floor Finishing** *(03 35)*		
03 35 13 00-0001		Floor Finishes *(03 35 13)* Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002	SF	Screed, Concrete Floor Finish	1.10	
		For Up To 100, Add	*2.20*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.28*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.11*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.33	
		For Up To 100, Add	*2.66*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.33*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.47	
		For Up To 100, Add	*2.94*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.37*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.15*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.70	
		For Up To 100, Add	*3.40*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.17*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.92	
		For Up To 100, Add	*3.84*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.48*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000, Deduct	*-0.19*	
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.70	
		For Up To 100, Add	*3.40*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.17*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 Lb./SF, Metallic, Shake On Floor Hardener	1.35
03 35 16 00-0003	SF	0.65 Lb./SF, Metallic, Shake On Floor Hardener	2.08
03 35 16 00-0004	SF	0.3 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.28
03 35 16 00-0005	SF	0.65 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.54

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.63
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.58
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.43
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.45

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	4.09

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing *(03 35 26)*

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	4.87

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	17.12

03 35 29 00-0003 Marblecrete Finishes *(03 35 29)*

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	43.55
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	58.41

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	4.43
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	4.01
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.84

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	2.09	
		For Up To 500, Add	*3.96*	
		For >500 To 1,000, Add	*3.67*	
		For >1,000 To 2,500, Add	*2.43*	
		For >2,500 To 4,000, Add	*1.26*	
		For >8,000 To 15,000, Deduct	*-0.49*	
		For >15,000 To 25,000, Deduct	*-0.62*	
		For >25,000, Deduct	*-0.88*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.68	
		For Up To 500, Add	*3.16*	
		For >500 To 1,000, Add	*2.93*	
		For >1,000 To 2,500, Add	*1.94*	
		For >2,500 To 4,000, Add	*1.01*	
		For >8,000 To 15,000, Deduct	*-0.39*	
		For >15,000 To 25,000, Deduct	*-0.50*	
		For >25,000, Deduct	*-0.70*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.40	
		For Up To 500, Add	*2.62*	
		For >500 To 1,000, Add	*2.43*	
		For >1,000 To 2,500, Add	*1.61*	
		For >2,500 To 4,000, Add	*0.84*	
		For >8,000 To 15,000, Deduct	*-0.32*	
		For >15,000 To 25,000, Deduct	*-0.41*	
		For >25,000, Deduct	*-0.58*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.32	
		For Up To 500, Add	*2.46*	
		For >500 To 1,000, Add	*2.29*	
		For >1,000 To 2,500, Add	*1.51*	
		For >2,500 To 4,000, Add	*0.79*	
		For >8,000 To 15,000, Deduct	*-0.30*	
		For >15,000 To 25,000, Deduct	*-0.39*	
		For >25,000, Deduct	*-0.55*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.21	
		For Up To 500, Add	*2.25*	
		For >500 To 1,000, Add	*2.09*	
		For >1,000 To 2,500, Add	*1.38*	
		For >2,500 To 4,000, Add	*0.72*	
		For >8,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 25,000, Deduct	*-0.35*	
		For >25,000, Deduct	*-0.50*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.21	
		For Up To 500, Add	*2.25*	
		For >500 To 1,000, Add	*2.09*	
		For >1,000 To 2,500, Add	*1.38*	
		For >2,500 To 4,000, Add	*0.72*	
		For >8,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 25,000, Deduct	*-0.35*	
		For >25,000, Deduct	*-0.50*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.21	
		For Up To 500, Add	*2.25*	
		For >500 To 1,000, Add	*2.09*	
		For >1,000 To 2,500, Add	*1.38*	
		For >2,500 To 4,000, Add	*0.72*	
		For >8,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 25,000, Deduct	*-0.35*	
		For >25,000, Deduct	*-0.50*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.21	
		For Up To 500, Add	*2.25*	
		For >500 To 1,000, Add	*2.09*	
		For >1,000 To 2,500, Add	*1.38*	
		For >2,500 To 4,000, Add	*0.72*	
		For >8,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 25,000, Deduct	*-0.35*	
		For >25,000, Deduct	*-0.50*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.30	
		For Up To 500, Add	*0.49*	
		For >500 To 1,000, Add	*0.45*	
		For >1,000 To 2,500, Add	*0.30*	
		For >2,500 To 4,000, Add	*0.16*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.08*	
		For >25,000, Deduct	*-0.11*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.61	
		For Up To 500, Add	*0.60*	
		For >500 To 1,000, Add	*0.56*	
		For >1,000 To 2,500, Add	*0.37*	
		For >2,500 To 4,000, Add	*0.19*	
		For >8,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 25,000, Deduct	*-0.09*	
		For >25,000, Deduct	*-0.13*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	1.07	
		For Up To 500, Add	*0.89*	
		For >500 To 1,000, Add	*0.83*	
		For >1,000 To 2,500, Add	*0.55*	
		For >2,500 To 4,000, Add	*0.29*	
		For >8,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 25,000, Deduct	*-0.14*	
		For >25,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0013	SF	Concrete Floor Polishing Final Cleanup	0.16	
		For Up To 500, Add	*0.31*	
		For >500 To 1,000, Add	*0.29*	
		For >1,000 To 2,500, Add	*0.19*	
		For >2,500 To 4,000, Add	*0.10*	
		For >8,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 25,000, Deduct	*-0.05*	
		For >25,000, Deduct	*-0.07*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 Lb./SF	1.72	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.11*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 Lb./SF	1.55	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.11*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	1.08	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.05*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.94	
		For Up To 100, Add	*3.68*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.46*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.18*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.92	
		For Up To 100, Add	*5.52*	
		For >100 To 250, Add	*1.38*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.28*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.18	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.06*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	5.90	
		For Up To 100, Add	*11.70*	
		For >100 To 250, Add	*2.93*	
		For >250 To 500, Add	*1.46*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000, Deduct	*-0.59*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	9.15	
		For Up To 100, Add	*18.10*	
		For >100 To 250, Add	*4.53*	
		For >250 To 500, Add	*2.26*	
		For >5,000 To 10,000, Deduct	*-0.45*	
		For >10,000, Deduct	*-0.91*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.12	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.25*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.82	
		For Up To 100, Add	*7.38*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.92*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.81	
		For Up To 100, Add	*11.36*	
		For >100 To 250, Add	*2.84*	
		For >250 To 500, Add	*1.42*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000, Deduct	*-0.57*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 4.5 Lb. of sand or abrasive media material per SF	6.05	
		For Up To 100, Add	*9.80*	
		For >100 To 250, Add	*2.45*	
		For >250 To 500, Add	*1.23*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.49*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 9 Lb. of sand abrasive media material per SF	12.09	
		For Up To 100, Add	*19.60*	
		For >100 To 250, Add	*4.90*	
		For >250 To 500, Add	*2.45*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000, Deduct	*-0.98*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.81	
		For Up To 25, Add	*0.73*	
		For >25 To 50, Add	*0.43*	
		For >50 To 150, Add	*0.18*	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced	5.25	
		For Up To 25, Add	*0.98*	
		For >25 To 50, Add	*0.57*	
		For >50 To 150, Add	*0.23*	
		For High Strength Shotcrete Repair, Add	*1.66*	
		For Polymer Modified Shotcrete, Add	*1.27*	
03 37 13 00-0004	SF	2" Thick Shotcrete, Fiber Reinforced	7.15	
		For Up To 25, Add	*1.35*	
		For >25 To 50, Add	*0.78*	
		For >50 To 150, Add	*0.32*	
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced	8.35	
		For Up To 25, Add	*1.54*	
		For >25 To 50, Add	*0.89*	
		For >50 To 150, Add	*0.35*	
		For High Strength Shotcrete Repair, Add	*2.61*	
		For Polymer Modified Shotcrete, Add	*2.04*	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced	10.08	
		For Up To 25, Add	*1.86*	
		For >25 To 50, Add	*1.07*	
		For >50 To 150, Add	*0.43*	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced	12.69	
		For Up To 25, Add	*2.29*	
		For >25 To 50, Add	*1.32*	
		For >50 To 150, Add	*0.51*	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced	17.07	
		For Up To 25, Add	*2.95*	
		For >25 To 50, Add	*1.68*	
		For >50 To 150, Add	*0.62*	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.23	
		For Radius Or Irregular Surface, Add	*1.29*	
		For Up To 25, Add	*0.91*	
		For >25 To 50, Add	*0.53*	
		For >50 To 150, Add	*0.24*	
03 37 13 00-0011	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.79	
		For Radius Or Irregular Surface, Add	*2.32*	
		For Up To 25, Add	*1.65*	
		For >25 To 50, Add	*0.97*	
		For >50 To 150, Add	*0.44*	
03 37 13 00-0012	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.83	
		For Radius Or Irregular Surface, Add	*3.14*	
		For Up To 25, Add	*2.26*	
		For >25 To 50, Add	*1.33*	
		For >50 To 150, Add	*0.59*	
03 37 13 00-0013	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.39	
		For Radius Or Irregular Surface, Add	*3.76*	
		For Up To 25, Add	*2.75*	
		For >25 To 50, Add	*1.61*	
		For >50 To 150, Add	*0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0014	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.56	
		For Radius Or Irregular Surface, Add	*4.23*	
		For Up To 25, Add	*3.14*	
		For >25 To 50, Add	*1.84*	
		For >50 To 150, Add	*0.79*	
03 37 13 00-0015	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	17.40	
		For Radius Or Irregular Surface, Add	*4.57*	
		For Up To 25, Add	*3.45*	
		For >25 To 50, Add	*2.01*	
		For >50 To 150, Add	*0.86*	
03 37 13 00-0016	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	21.67	
		For Radius Or Irregular Surface, Add	*5.48*	
		For Up To 25, Add	*4.22*	
		For >25 To 50, Add	*2.45*	
		For >50 To 150, Add	*1.03*	
03 37 13 00-0017	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.38	
		For Radius Or Irregular Surface, Add	*6.17*	
		For Up To 25, Add	*4.85*	
		For >25 To 50, Add	*2.81*	
		For >50 To 150, Add	*1.16*	
03 37 13 00-0018	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	28.60	
		For Radius Or Irregular Surface, Add	*6.66*	
		For Up To 25, Add	*5.36*	
		For >25 To 50, Add	*3.09*	
		For >50 To 150, Add	*1.25*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for cleanup of equipment add one hour. Use four hours as the minimum cost including set-up and cleanup. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement Note: 95 CY per hour rating	272.20
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement Note: 117 CY per hour rating	294.92
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement Note: 117 CY per hour rating	376.96
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement Note: 117 CY per hour rating	428.04
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement Note: 170 CY per hour rating	480.75
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement Note: 170 CY per hour rating	592.38
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement Note: 170 CY per hour rating	658.98
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement Note: 182 CY per hour rating	820.29
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	191.93

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.40

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets	37.96

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket	186.38
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	42.19

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0001		**Flat Floor Slab/Floor Plank** *(03 41 16)*		
03 41 16 00-0002		**Erection Costs For Using A 90 Ton Crawler Crane** *(03 41 16 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	381.75	305.42
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	424.37	339.43
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	450.61	360.47
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	477.70	382.18
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	511.23	408.96
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	546.37	437.10
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	586.71	469.34
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	638.10	510.45
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	693.80	555.11
03 41 16 00-0012		**Material Cost** *(03 41 16 00-0001)* Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.		
03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	34.65	
		For 3,500 PSI Concrete, Add	*0.69*	
		For 4,000 PSI Concrete, Add	*1.04*	
		For 4,500 PSI Concrete, Add	*1.39*	
		For 5,000 PSI Concrete, Add	*2.08*	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	41.58	
		For 3,500 PSI Concrete, Add	*0.83*	
		For 4,000 PSI Concrete, Add	*1.25*	
		For 4,500 PSI Concrete, Add	*1.66*	
		For 5,000 PSI Concrete, Add	*2.49*	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	50.82	
		For 3,500 PSI Concrete, Add	*1.02*	
		For 4,000 PSI Concrete, Add	*1.52*	
		For 4,500 PSI Concrete, Add	*2.03*	
		For 5,000 PSI Concrete, Add	*3.05*	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	67.45	
		For 3,500 PSI Concrete, Add	*1.35*	
		For 4,000 PSI Concrete, Add	*2.02*	
		For 4,500 PSI Concrete, Add	*2.70*	
		For 5,000 PSI Concrete, Add	*4.05*	
03 41 16 00-0017		**Floor Units, Combination Beam And Slab** *(03 41 16)*		
03 41 16 00-0018		**Erection Costs For Using 90 Ton Crawler Crane** *(03 41 16 00-0017)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	469.04	375.22
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	511.23	409.03
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	565.04	451.97
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	627.42	501.90
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	705.27	564.16
03 41 16 00-0024		**Erection Costs Using A 125 Ton Crawler Crane** *(03 41 16 00-0017)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	589.36	471.53
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	642.38	513.86
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	710.00	568.04
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	788.37	630.72
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	886.20	709.03
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	963.57	770.80
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	1,064.99	851.99
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,178.74	943.05
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,334.17	1,067.34
03 41 16 00-0034		**Material Cost** *(03 41 16 00-0017)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.		
03 41 16 00-0035		**4" Slab** *(03 41 16 00-0034)*		
03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,649.76	
		For 3,500 PSI Concrete, Add	*73.00*	
		For 4,000 PSI Concrete, Add	*109.49*	
		For 4,500 PSI Concrete, Add	*145.99*	
		For 5,000 PSI Concrete, Add	*218.99*	
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,695.96	
		For 3,500 PSI Concrete, Add	*73.92*	
		For 4,000 PSI Concrete, Add	*110.88*	
		For 4,500 PSI Concrete, Add	*147.84*	
		For 5,000 PSI Concrete, Add	*221.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,157.96	
		For 3,500 PSI Concrete, Add	*83.16*	
		For 4,000 PSI Concrete, Add	*124.74*	
		For 4,500 PSI Concrete, Add	*166.32*	
		For 5,000 PSI Concrete, Add	*249.48*	

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,742.16	
		For 3,500 PSI Concrete, Add	*74.84*	
		For 4,000 PSI Concrete, Add	*112.26*	
		For 4,500 PSI Concrete, Add	*149.69*	
		For 5,000 PSI Concrete, Add	*224.53*	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,880.76	
		For 3,500 PSI Concrete, Add	*77.62*	
		For 4,000 PSI Concrete, Add	*116.42*	
		For 4,500 PSI Concrete, Add	*155.23*	
		For 5,000 PSI Concrete, Add	*232.85*	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,943.35	
		For 3,500 PSI Concrete, Add	*98.87*	
		For 4,000 PSI Concrete, Add	*148.30*	
		For 4,500 PSI Concrete, Add	*197.73*	
		For 5,000 PSI Concrete, Add	*296.60*	

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,880.76	
		For 3,500 PSI Concrete, Add	*77.62*	
		For 4,000 PSI Concrete, Add	*116.42*	
		For 4,500 PSI Concrete, Add	*155.23*	
		For 5,000 PSI Concrete, Add	*232.85*	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	4,619.96	
		For 3,500 PSI Concrete, Add	*92.40*	
		For 4,000 PSI Concrete, Add	*138.60*	
		For 4,500 PSI Concrete, Add	*184.80*	
		For 5,000 PSI Concrete, Add	*277.20*	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	5,636.35	
		For 3,500 PSI Concrete, Add	*112.73*	
		For 4,000 PSI Concrete, Add	*169.09*	
		For 4,500 PSI Concrete, Add	*225.45*	
		For 5,000 PSI Concrete, Add	*338.18*	

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	376.46	301.19
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	418.49	334.73
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	471.09	376.89
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	504.15	403.30
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	538.81	431.05
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	578.59	462.84
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	629.26	503.38
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	684.20	547.43

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	421.93	337.50
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	469.04	375.22
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	527.99	422.46
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	565.04	451.97
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	603.89	483.11
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	648.47	518.81
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	705.27	564.16
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	766.84	613.42
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	847.56	678.10
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	938.08	750.43
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,061.79	849.47
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,207.78	966.22
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	1,400.32	1,120.28

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	46.20	
		For 3,500 PSI Concrete, Add	*0.92*	
		For 4,000 PSI Concrete, Add	*1.39*	
		For 4,500 PSI Concrete, Add	*1.85*	
		For 5,000 PSI Concrete, Add	*2.77*	
		For White Facing, Add	*9.24*	
		For Solid White Through Thickness, Add	*9.24*	
		For Broken Rib Finish, Add	*4.62*	
		For Fluted Surface, Add	*4.62*	
		For Exposed Aggregate, Add	*9.24*	
		For Sandblasting Of Surface, Add	*4.62*	
		For 2" Polystyrene Insulation, Add	*2.19*	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	56.82	
		For 3,500 PSI Concrete, Add	*1.14*	
		For 4,000 PSI Concrete, Add	*1.70*	
		For 4,500 PSI Concrete, Add	*2.27*	
		For 5,000 PSI Concrete, Add	*3.41*	
		For White Facing, Add	*11.36*	
		For Solid White Through Thickness, Add	*11.36*	
		For Broken Rib Finish, Add	*5.68*	
		For Fluted Surface, Add	*5.68*	
		For Exposed Aggregate, Add	*11.36*	
		For Sandblasting Of Surface, Add	*5.68*	
		For 2" Polystyrene Insulation, Add	*2.19*	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	68.38	
		For 3,500 PSI Concrete, Add	*1.37*	
		For 4,000 PSI Concrete, Add	*2.05*	
		For 4,500 PSI Concrete, Add	*2.74*	
		For 5,000 PSI Concrete, Add	*4.10*	
		For White Facing, Add	*13.68*	
		For Solid White Through Thickness, Add	*13.68*	
		For Broken Rib Finish, Add	*6.84*	
		For Fluted Surface, Add	*6.84*	
		For Exposed Aggregate, Add	*13.68*	
		For Sandblasting Of Surface, Add	*6.84*	
		For 2" Polystyrene Insulation, Add	*2.19*	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	90.09	
		For 3,500 PSI Concrete, Add	*1.80*	
		For 4,000 PSI Concrete, Add	*2.70*	
		For 4,500 PSI Concrete, Add	*3.60*	
		For 5,000 PSI Concrete, Add	*5.41*	
		For White Facing, Add	*18.02*	
		For Solid White Through Thickness, Add	*18.02*	
		For Broken Rib Finish, Add	*9.01*	
		For Fluted Surface, Add	*9.01*	
		For Exposed Aggregate, Add	*18.02*	
		For Sandblasting Of Surface, Add	*9.01*	
		For 2" Polystyrene Insulation, Add	*2.19*	

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	299.70	239.72
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	333.16	266.56
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	375.04	300.02
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	428.94	343.15
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	460.62	368.52
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	500.96	400.75
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	544.69	435.81
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	602.03	481.64

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	376.46	301.19
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	418.49	334.73
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	471.09	376.89
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	538.81	431.05
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	578.59	462.84
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	629.26	503.38
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	684.20	547.43
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	756.22	604.95
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	836.99	669.60
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	947.35	757.83
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	1,077.62	862.09
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	1,249.41	999.49

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	43.89	
		For 4,000 PSI Concrete, Add	*1.32*	
		For 4,500 PSI Concrete, Add	*1.76*	
		For 5,000 PSI Concrete, Add	*2.63*	
		For White Facing, Add	*8.78*	
		For Solid White Through Thickness, Add	*8.78*	
		For Broken Rib Finish, Add	*4.39*	
		For Fluted Surface, Add	*4.39*	
		For Exposed Aggregate, Add	*8.78*	
		For Sandblasting Of Surface, Add	*4.39*	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	54.05	
		For 4,000 PSI Concrete, Add	*1.62*	
		For 4,500 PSI Concrete, Add	*2.16*	
		For 5,000 PSI Concrete, Add	*3.24*	
		For White Facing, Add	*10.81*	
		For Solid White Through Thickness, Add	*10.81*	
		For Broken Rib Finish, Add	*5.41*	
		For Fluted Surface, Add	*5.41*	
		For Exposed Aggregate, Add	*10.81*	
		For Sandblasting Of Surface, Add	*5.41*	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	64.68	
		For 4,000 PSI Concrete, Add	*1.94*	
		For 4,500 PSI Concrete, Add	*2.59*	
		For 5,000 PSI Concrete, Add	*3.88*	
		For White Facing, Add	*12.94*	
		For Solid White Through Thickness, Add	*12.94*	
		For Broken Rib Finish, Add	*6.47*	
		For Fluted Surface, Add	*6.47*	
		For Exposed Aggregate, Add	*12.94*	
		For Sandblasting Of Surface, Add	*6.47*	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	85.47	
		For 4,000 PSI Concrete, Add	*2.56*	
		For 4,500 PSI Concrete, Add	*3.42*	
		For 5,000 PSI Concrete, Add	*5.13*	
		For White Facing, Add	*17.09*	
		For Solid White Through Thickness, Add	*17.09*	
		For Broken Rib Finish, Add	*8.55*	
		For Fluted Surface, Add	*8.55*	
		For Exposed Aggregate, Add	*17.09*	
		For Sandblasting Of Surface, Add	*8.55*	

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	397.28	317.76
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	444.37	355.48
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	504.15	403.30
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	538.81	431.05
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	578.59	462.84
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	629.26	503.38
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	684.20	547.43
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	756.22	604.95

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	445.26	356.16
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	498.05	398.43
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	565.04	451.97
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	603.89	483.11
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	648.47	518.81
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	705.27	564.16
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	766.84	613.42
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	847.56	678.10
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	938.08	750.43
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	1,061.79	849.47
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,207.78	966.22
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,400.32	1,120.28

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	43.89	
		For 3,500 PSI Concrete, Add	*0.88*	
		For 4,000 PSI Concrete, Add	*1.32*	
		For 4,500 PSI Concrete, Add	*1.76*	
		For 5,000 PSI Concrete, Add	*2.63*	
		For White Facing, Add	*8.78*	
		For Solid White Through Thickness, Add	*8.78*	
		For Broken Rib Finish, Add	*4.39*	
		For Fluted Surface, Add	*4.39*	
		For Exposed Aggregate, Add	*8.78*	
		For Sandblasting Of Surface, Add	*4.39*	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	54.05	
		For 3,500 PSI Concrete, Add	*1.08*	
		For 4,000 PSI Concrete, Add	*1.62*	
		For 4,500 PSI Concrete, Add	*2.16*	
		For 5,000 PSI Concrete, Add	*3.24*	
		For White Facing, Add	*10.81*	
		For Solid White Through Thickness, Add	*10.81*	
		For Broken Rib Finish, Add	*5.41*	
		For Fluted Surface, Add	*5.41*	
		For Exposed Aggregate, Add	*10.81*	
		For Sandblasting Of Surface, Add	*5.41*	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	64.68	
		For 3,500 PSI Concrete, Add	*1.29*	
		For 4,000 PSI Concrete, Add	*1.94*	
		For 4,500 PSI Concrete, Add	*2.59*	
		For 5,000 PSI Concrete, Add	*3.88*	
		For White Facing, Add	*12.94*	
		For Solid White Through Thickness, Add	*12.94*	
		For Broken Rib Finish, Add	*6.47*	
		For Fluted Surface, Add	*6.47*	
		For Exposed Aggregate, Add	*12.94*	
		For Sandblasting Of Surface, Add	*6.47*	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	85.47	
		For 3,500 PSI Concrete, Add	*1.71*	
		For 4,000 PSI Concrete, Add	*2.56*	
		For 4,500 PSI Concrete, Add	*3.42*	
		For 5,000 PSI Concrete, Add	*5.13*	
		For White Facing, Add	*17.09*	
		For Solid White Through Thickness, Add	*17.09*	
		For Broken Rib Finish, Add	*8.55*	
		For Fluted Surface, Add	*8.55*	
		For Exposed Aggregate, Add	*17.09*	
		For Sandblasting Of Surface, Add	*8.55*	

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	397.28	317.76
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	444.37	355.48
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	504.15	403.30
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	538.81	431.05
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	578.59	462.84
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	629.26	503.38
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	684.20	547.43
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	756.22	604.95

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	402.86	322.22
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	450.61	360.47
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	511.23	408.96
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	546.37	437.10
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	586.71	469.34
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	638.10	510.45
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	693.80	555.11
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	766.84	613.44
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	848.73	679.00
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	960.65	768.47
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,092.74	874.19
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,266.95	1,013.52

03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	60.06	
		For 3,500 PSI Concrete, Add	*1.20*	
		For 4,000 PSI Concrete, Add	*1.80*	
		For 4,500 PSI Concrete, Add	*2.40*	
		For 5,000 PSI Concrete, Add	*3.60*	
		For White Facing, Add	*12.01*	
		For Solid White Through Thickness, Add	*12.01*	
		For Broken Rib Finish, Add	*6.01*	
		For Fluted Surface, Add	*6.01*	
		For Exposed Aggregate, Add	*12.01*	
		For Sandblasting Of Surface, Add	*6.01*	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	70.69	
		For 3,500 PSI Concrete, Add	*1.41*	
		For 4,000 PSI Concrete, Add	*2.12*	
		For 4,500 PSI Concrete, Add	*2.83*	
		For 5,000 PSI Concrete, Add	*4.24*	
		For White Facing, Add	*14.14*	
		For Solid White Through Thickness, Add	*14.14*	
		For Broken Rib Finish, Add	*7.07*	
		For Fluted Surface, Add	*7.07*	
		For Exposed Aggregate, Add	*14.14*	
		For Sandblasting Of Surface, Add	*7.07*	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	82.24	
		For 3,500 PSI Concrete, Add	*1.64*	
		For 4,000 PSI Concrete, Add	*2.47*	
		For 4,500 PSI Concrete, Add	*3.29*	
		For 5,000 PSI Concrete, Add	*4.93*	
		For White Facing, Add	*16.45*	
		For Solid White Through Thickness, Add	*16.45*	
		For Broken Rib Finish, Add	*8.22*	
		For Fluted Surface, Add	*8.22*	
		For Exposed Aggregate, Add	*16.45*	
		For Sandblasting Of Surface, Add	*8.22*	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	103.95	
		For 3,500 PSI Concrete, Add	*2.08*	
		For 4,000 PSI Concrete, Add	*3.12*	
		For 4,500 PSI Concrete, Add	*4.16*	
		For 5,000 PSI Concrete, Add	*6.24*	
		For White Facing, Add	*20.79*	
		For Solid White Through Thickness, Add	*20.79*	
		For Broken Rib Finish, Add	*10.40*	
		For Fluted Surface, Add	*10.40*	
		For Exposed Aggregate, Add	*20.79*	
		For Sandblasting Of Surface, Add	*10.40*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	418.49	334.73
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	444.37	355.48
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	471.09	376.89
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	504.15	403.30
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	538.81	431.05
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	578.59	462.84
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	629.26	503.38
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	684.20	547.43

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	418.49	334.73
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	444.37	355.48
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	471.09	376.89
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	504.15	403.30
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	538.81	431.05
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	578.59	462.84
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	629.26	503.38
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	684.20	547.43

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	925.89	
		For 3,500 PSI Concrete, Add	*120.83*	
		For 4,000 PSI Concrete, Add	*227.03*	
		For 4,500 PSI Concrete, Add	*333.69*	
		For 5,000 PSI Concrete, Add	*453.96*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0002		**Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	527.99	422.46
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	565.04	451.97
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	603.89	483.11
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	648.47	518.81
03 41 26 00-0007		**Erection Costs Using A 125 Ton Crawler Crane** *(03 41 26 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	663.44	530.71
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	710.00	568.04
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	758.81	607.04
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	814.83	651.82
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	886.20	709.03
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	963.57	770.80
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	1,064.99	851.99
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,178.74	943.05
03 41 26 00-0016		**Material Cost** *(03 41 26 00-0001)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017		**1,000 Lb./LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0018	LF	Precast Structural Sections, 1,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI	185.15	
		For 3,500 PSI Concrete, Add	*5.05*	
		For 4,000 PSI Concrete, Add	*7.59*	
		For 4,500 PSI Concrete, Add	*10.11*	
		For 5,000 PSI Concrete, Add	*15.18*	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI	231.44	
		For 3,500 PSI Concrete, Add	*6.32*	
		For 4,000 PSI Concrete, Add	*9.49*	
		For 4,500 PSI Concrete, Add	*12.64*	
		For 5,000 PSI Concrete, Add	*18.98*	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI	277.73	
		For 3,500 PSI Concrete, Add	*7.58*	
		For 4,000 PSI Concrete, Add	*11.39*	
		For 4,500 PSI Concrete, Add	*15.16*	
		For 5,000 PSI Concrete, Add	*22.77*	
03 41 26 00-0021		**3,000 Lb./LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0022	LF	Precast Structural Sections, 3,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI	231.44	
		For 3,500 PSI Concrete, Add	*6.32*	
		For 4,000 PSI Concrete, Add	*9.49*	
		For 4,500 PSI Concrete, Add	*12.64*	
		For 5,000 PSI Concrete, Add	*18.98*	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI	277.73	
		For 3,500 PSI Concrete, Add	*7.58*	
		For 4,000 PSI Concrete, Add	*11.39*	
		For 4,500 PSI Concrete, Add	*15.16*	
		For 5,000 PSI Concrete, Add	*22.77*	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI	370.30	
		For 3,500 PSI Concrete, Add	*10.11*	
		For 4,000 PSI Concrete, Add	*15.18*	
		For 4,500 PSI Concrete, Add	*20.22*	
		For 5,000 PSI Concrete, Add	*30.36*	
03 41 26 00-0025		**5,000 Lb./LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0026	LF	Precast Structural Sections, 5,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI	324.01	
		For 3,500 PSI Concrete, Add	*8.85*	
		For 4,000 PSI Concrete, Add	*13.28*	
		For 4,500 PSI Concrete, Add	*17.69*	
		For 5,000 PSI Concrete, Add	*26.57*	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI	370.30	
		For 3,500 PSI Concrete, Add	*10.11*	
		For 4,000 PSI Concrete, Add	*15.18*	
		For 4,500 PSI Concrete, Add	*20.22*	
		For 5,000 PSI Concrete, Add	*30.36*	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI	462.87	
		For 3,500 PSI Concrete, Add	*12.64*	
		For 4,000 PSI Concrete, Add	*18.98*	
		For 4,500 PSI Concrete, Add	*25.27*	
		For 5,000 PSI Concrete, Add	*37.96*	
03 41 26 00-0029		**Precast Concrete Columns** *(03 41 26)*		
03 41 26 00-0030		**Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0029)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	305.66	244.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	324.98	259.94
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	348.28	278.65
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	373.59	298.86
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	402.86	322.22
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	437.10	349.68
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	477.70	382.18

03 41 26 00-0038 Material Cost *(03 41 26 00-0029)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 Lb./CY	958.30
		For 3,500 PSI Concrete, Add	*71.87*
		For 4,000 PSI Concrete, Add	*135.12*
		For 4,500 PSI Concrete, Add	*199.33*
		For 5,000 PSI Concrete, Add	*271.20*

03 41 26 00-0041 16" x 16" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 Lb./CY	981.97
		For 3,500 PSI Concrete, Add	*73.65*
		For 4,000 PSI Concrete, Add	*138.46*
		For 4,500 PSI Concrete, Add	*204.25*
		For 5,000 PSI Concrete, Add	*277.90*

03 41 26 00-0043 20" x 20" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 Lb./CY	983.86
		For 3,500 PSI Concrete, Add	*73.79*
		For 4,000 PSI Concrete, Add	*138.72*
		For 4,500 PSI Concrete, Add	*204.64*
		For 5,000 PSI Concrete, Add	*278.43*

03 41 26 00-0045 24" x 24" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 Lb./CY	983.86
		For 3,500 PSI Concrete, Add	*73.79*
		For 4,000 PSI Concrete, Add	*138.72*
		For 4,500 PSI Concrete, Add	*204.64*
		For 5,000 PSI Concrete, Add	*278.43*

03 41 26 00-0047 28" x 28" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 Lb./CY	983.86
		For 3,500 PSI Concrete, Add	*73.79*
		For 4,000 PSI Concrete, Add	*138.72*
		For 4,500 PSI Concrete, Add	*204.64*
		For 5,000 PSI Concrete, Add	*278.43*

03 41 26 00-0049 32" x 32" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 Lb./CY	981.97
		For 3,500 PSI Concrete, Add	*73.65*
		For 4,000 PSI Concrete, Add	*138.46*
		For 4,500 PSI Concrete, Add	*204.25*
		For 5,000 PSI Concrete, Add	*277.90*

03 41 26 00-0051 36" x 36" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 Lb./CY	983.86
		For 3,500 PSI Concrete, Add	*73.79*
		For 4,000 PSI Concrete, Add	*138.72*
		For 4,500 PSI Concrete, Add	*204.64*
		For 5,000 PSI Concrete, Add	*278.43*

03 41 33 Precast Structural Pretensioned Concrete *(03 41)*

03 41 33 00-0001 Slabs, Roof And Floor Members *(03 41 33)*

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	19.52	2.50
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	24.33	2.50
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	29.17	2.62
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	34.00	2.75

03 41 33 00-0006 Tee Members *(03 41 33)*

03 41 33 00-0007 Multiple Tee, Roof And Floor *(03 41 33 00-0006)*

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	43.90	3.25

03 41 33 00-0009 Double Tee Wall Member *(03 41 33 00-0006)*

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	62.03	8.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0011		**Single Tee, Short Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	51.57	5.37
03 41 33 00-0013		**Single Tee, Long Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	61.92	4.63
03 41 33 00-0015		**Prestressed Concrete Items** *(03 41 33)*		
03 41 33 00-0016		**Prestressed Quad Tee** *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	31.82	1.00
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	33.21	1.00
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	52.92	0.87
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	72.88	0.87
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	36.09	1.50
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	55.95	1.00
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	39.09	2.00
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	62.59	2.25
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	72.54	1.38
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	95.98	1.24
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	101.07	1.24
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	16,189.90	359.93
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	17,628.66	399.92
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	29,496.04	449.91
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	6,334.71	327.31
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	8,319.93	359.93
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	10,634.63	359.93
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	11,841.92	399.92
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	15,144.92	449.91
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	27,261.97	514.40
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	12,717.86	359.93
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	16,702.78	399.92
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	27,412.81	449.91
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	8,510.52	327.31
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,968.05	359.93
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,940.22	359.93
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	10,221.63	399.92
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	13,524.63	449.91
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	23,326.99	514.40
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	33.62	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	34.99	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	36.63	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	37.83	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	40.41	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	40.63	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	39.66	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	37.46	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	40.63	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.50	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	62.30	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	60.91	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	57.04	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	62.30	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	58.41	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	41.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	40.91	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	39.54	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	41.88	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.50	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	63.96	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	62.58	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	60.38	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	63.96	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	62.17	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	44.12	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	42.74	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	41.36	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	67.87	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	65.66	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	63.03	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	44.06	4.71

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	171.13	77.04
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	205.23	92.32

03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,657.34
		For 3,500 PSI Concrete, Add	*238.64*
		For 4,000 PSI Concrete, Add	*448.39*
		For 4,500 PSI Concrete, Add	*659.05*
		For 5,000 PSI Concrete, Add	*896.60*
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,796.23
		For 3,500 PSI Concrete, Add	*247.70*
		For 4,000 PSI Concrete, Add	*465.42*
		For 4,500 PSI Concrete, Add	*684.08*
		For 5,000 PSI Concrete, Add	*930.65*
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,935.12
		For 3,500 PSI Concrete, Add	*256.77*
		For 4,000 PSI Concrete, Add	*482.45*
		For 4,500 PSI Concrete, Add	*709.11*
		For 5,000 PSI Concrete, Add	*964.69*
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	4,120.30
		For 3,500 PSI Concrete, Add	*268.85*
		For 4,000 PSI Concrete, Add	*505.15*
		For 4,500 PSI Concrete, Add	*742.48*
		For 5,000 PSI Concrete, Add	*1,010.09*

03 48 22 Precast Concrete Sun Screen and Trellis *(03 48)*

03 48 22 00-0001 Sun Screen Blades *(03 48 22)*

03 48 22 00-0002 Installation Cost *(03 48 22 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	85.57	38.53
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	102.80	46.23
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	128.44	57.84

03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,888.82
		For 3,500 PSI Concrete, Add	*253.75*
		For 4,000 PSI Concrete, Add	*476.77*
		For 4,500 PSI Concrete, Add	*700.77*
		For 5,000 PSI Concrete, Add	*953.34*
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	4,027.71
		For 3,500 PSI Concrete, Add	*262.81*
		For 4,000 PSI Concrete, Add	*493.80*
		For 4,500 PSI Concrete, Add	*725.79*
		For 5,000 PSI Concrete, Add	*987.39*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	4,212.89	
		For 3,500 PSI Concrete, Add	*274.89*	
		For 4,000 PSI Concrete, Add	*516.50*	
		For 4,500 PSI Concrete, Add	*759.16*	
		For 5,000 PSI Concrete, Add	*1,032.79*	
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	4,398.07	
		For 3,500 PSI Concrete, Add	*286.97*	
		For 4,000 PSI Concrete, Add	*539.20*	
		For 4,500 PSI Concrete, Add	*792.53*	
		For 5,000 PSI Concrete, Add	*1,078.19*	
03 48 22 00-0011		Sun Screen/Trellis Units *(03 48 22)*		
03 48 22 00-0012		Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	397.28	178.75
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	444.37	200.04
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	504.15	226.84
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	538.81	242.46
03 48 22 00-0017		Material Cost *(03 48 22 00-0011)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	4,490.66	
		For 3,500 PSI Concrete, Add	*293.02*	
		For 4,000 PSI Concrete, Add	*550.55*	
		For 4,500 PSI Concrete, Add	*809.22*	
		For 5,000 PSI Concrete, Add	*1,100.89*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,629.55	
		For 3,500 PSI Concrete, Add	*302.08*	
		For 4,000 PSI Concrete, Add	*567.58*	
		For 4,500 PSI Concrete, Add	*834.24*	
		For 5,000 PSI Concrete, Add	*1,134.93*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,814.73	
		For 3,500 PSI Concrete, Add	*314.16*	
		For 4,000 PSI Concrete, Add	*590.29*	
		For 4,500 PSI Concrete, Add	*867.61*	
		For 5,000 PSI Concrete, Add	*1,180.33*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	5,046.21	
		For 3,500 PSI Concrete, Add	*329.27*	
		For 4,000 PSI Concrete, Add	*618.67*	
		For 4,500 PSI Concrete, Add	*909.33*	
		For 5,000 PSI Concrete, Add	*1,237.08*	
03 48 24		**Precast Minaret Segments** *(03 48)*		
03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	386.58	309.27
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	433.21	346.59
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	489.82	391.85
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	522.48	417.98
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	408.58	326.92
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	458.56	366.80
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	519.33	415.42
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	556.19	444.92
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	783.72	627.03
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	947.35	757.83
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	1,051.33	841.08
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,180.95	944.80
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	428.90	343.09
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	478.94	383.09
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	545.63	436.43
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	582.50	465.93
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	392.01	313.61
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	439.29	351.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	496.70	397.35
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	529.81	423.85
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	414.31	331.51
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	465.00	371.94
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	526.62	421.25
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	563.99	451.17
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	633.47	506.75
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	766.84	613.44
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	848.73	679.00
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	960.65	768.47
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	434.92	347.90
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	485.67	388.47
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	553.29	442.56
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	590.67	472.47
03 48 24 00-0043		Material Costs *(03 48 24)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	11,110.30	
		Note: Including Post Tension Cost		
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	11,110.30	
		Note: Including Post Tension Cost		
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	11,110.30	
		Note: Including Post Tension Cost		
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	11,110.30	
		Note: Including Post Tension Cost		
03 48 29		**Precast Accessories** *(03 48)*		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.63	
		Note: For precast members		
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	2.30	
		Note: For precast members.		
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	3.77	
		Note: For precast members		
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	5.28	
		Note: For precast members		
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	6.84	
		Note: For precast members		
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	9.81	
		Note: For precast members		
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes	101.72	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	65.27	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support	14.16	
03 48 46		**Precast Skylight Shells** *(03 48)*		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	565.04	254.30
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	627.42	282.35
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	705.27	317.38
03 48 46 00-0005		Material Cost *(03 48 46)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	4,648.20	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	116.45	
03 48 49 00-0002	SF	4" Thick Precast Landing	135.76	
03 48 49 00-0003	SF	5" Thick Precast Landing	154.25	
03 48 49 00-0004	SF	6" Thick Precast Landing	177.85	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 54		**Precast Concrete Blocks** *(03 48)*		
03 48 54 00-0001		Precast Interlocking Concrete Blocks *(03 48 54)*		
		Note: Includes lifting loop		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	165.41	49.42
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	197.68	55.59
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	229.93	61.77
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	311.27	67.95
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	374.07	74.13

03 50 Cast Decks and Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001		Cement Fiber Tongue And Groove Planks *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.92	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.08	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.28	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.85	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.49	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.21	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	7.10	

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

03 51 16 00-0001		Class A Gypsum Fill Concrete Deck *(03 51 16)*		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	12.83	0.66
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	15.90	0.76
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	18.98	0.87
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	22.10	0.97
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	25.24	1.09
03 51 16 00-0007		Form Board For Lightweight Deck *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.79	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.81	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	8.22	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	3.11	0.66
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.83	0.66
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	4.31	0.66
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	5.39	0.66
03 51 16 00-0015		Gypsum Plank *(03 51 16)*		
03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.29	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	5.62	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001		Granolithic Topping Laid After *(03 53 14)*		
		Note: Using 1:1:1-1/2 mix.		
03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.84	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.21	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	6.52	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001		Integral Topping Including Hard Trowel Finish *(03 53 19)*		
		Note: Using 1:1:2 mix.		
03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.87	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.22	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.75	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.43	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.28	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.33	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.95	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 54 16 00-0001		Self Leveling Cementitious Underlayment For Floors *(03 54 16)*		
		Note: Includes primer.		
03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	2.06	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	3.57	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	5.09	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	6.60	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	8.12	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	9.69	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.18*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	12.72	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.18*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	15.80	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.10*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	18.84	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.10*	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	21.97	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.26*	
		For >100 To 250 SF, Add	*0.13*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	490.15

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	29.22
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	43.54

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	43.40
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	69.34

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.39
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.12
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	4.12

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.51
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.63
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	6.17

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases *(03 62 16)*		
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	36.91	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	56.76	
03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints *(03 62 16)*		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.98	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.51	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	3.33	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.72	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.40	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	4.56	

03 63 Epoxy Grouting *(03 60)*

03 63 00 00-0001		Spray On Concrete Epoxy Grout *(03 63)* Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002	SF	1/4" Thick Coat Spray On Concrete Epoxy Grout	4.42	
		For Color, Add	*1.14*	
03 63 00 00-0003	SF	3/8" Thick Coat Spray On Concrete Epoxy Grout	6.09	
		For Color, Add	*1.70*	
03 63 00 00-0004	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	7.80	
		For Color, Add	*2.27*	
03 63 00 00-0005	SF	5/8" Thick Coat Spray On Concrete Epoxy Grout	9.33	
		For Color, Add	*2.84*	
03 63 00 00-0006	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	10.87	
		For Color, Add	*3.41*	
03 63 00 00-0007	SF	1" Thick Coat Spray On Concrete Epoxy Grout	14.06	
		For Color, Add	*4.55*	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001		Pressure Injected Epoxy Grout *(03 64 23)*		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,381.88	
		For >4, Deduct	*-145.67*	

03 64 26 Cementitious Injection Grouting *(03 64)*

03 64 26 00-0001		Pressure Injected Cementitious Grout *(03 64 26)*		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	245.71	
		For >4, Deduct	*-62.50*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0059 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0059 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0082 for core drilling.

END OF SECTION 03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI UOM DESCRIPTION — TOTAL DIRECT UNIT COST — DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes cleanup of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 22.31
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 31.75
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 42.01
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 24.36
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 35.39
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 47.46
For Up To 10, Add *10.27*
For >10 To 50, Add *5.14*

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.90
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 66.26
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 190.74
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.90
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 66.26
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 72.37
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 83.83
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 190.74
For Up To 10, Add *41.08*
For >10 To 50, Add *20.54*

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.82	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	70.16	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	215.08	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.82	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	70.16	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	77.23	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	90.65	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	215.08	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.32	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.24	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.21	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.17	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.32	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.24	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.21	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.13	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.72	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	

04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.32	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.24	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.21	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.17	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.32	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.24	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.21	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.13	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.28	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.72	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	

04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.

04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.10	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.44	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.51	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.65	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.90	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.12	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.36	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.97	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.06	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.80	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.42	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.96	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.85	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.53	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.76	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.21	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.59	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.92	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.41	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.55	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.77	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.87	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.30	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.92	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.44	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.09	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.63	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.62	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.69	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.02	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.24	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.39	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.49	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.80	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.29	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.47	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.96	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0104		EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.60	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0105		EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.02	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0106		EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.32	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0107		EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.51	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0108		EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0109		EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.96	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0110		EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.82	
			Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
			For Up To 10, Add	*3.08*	
			For >10 To 50, Add	*1.54*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112		EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.64	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0113		EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.08	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0114		EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.16	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0115		EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.34	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0116		EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.65	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0117		EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.91	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0118		EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.05	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0119		EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.22	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0120		EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.86	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.97	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.89	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.67	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.35	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.70	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.61	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.40	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.87	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.29	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.71	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.09	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.33	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.49	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.77	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.89	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.40	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.09	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0138		EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.74	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0139		EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.56	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0140		EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.98	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0141		EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.10	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0142		EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	24.94	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0143		EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.90	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0144		EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.14	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0145		EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.31	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0146		EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.45	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0147		EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.83	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0148		EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.45	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0149		EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.65	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0150		EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.25	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0151		EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.52	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0152		EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.05	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0153		EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.42	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0154		EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.66	
			For Up To 10, Add	*6.16*	
			For >10 To 50, Add	*3.08*	
			For Metal Stud Clip, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.83	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.22	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
		For Metal Stud Clip, Add	*2.50*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.25	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*3.08*	
		For >10 To 50, Add	*1.54*	
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.76	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.80	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.05	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.12	
		For Up To 10, Add	*6.16*	
		For >10 To 50, Add	*3.08*	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	50.18	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	51.53	
		For Up To 10, Add	*41.08*	
		For >10 To 50, Add	*20.54*	
04 01 20 41-0170		Unit Masonry Stabilization *(04 01 20 41)*		
04 01 20 41-0171		Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*		
04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	90.71	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	96.36	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51		**Unit Masonry Maintenance** *(04 01 20)*		
04 01 20 51-0001		Repair Masonry *(04 01 20 51)*		
		Note: Includes mortar for repair.		
04 01 20 51-0002	SF	Patch And Repair Terra Cotta Walls Or Coping	21.44	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0003	SF	Patch And Repair Terra Cotta Floors	19.95	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0004	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.75	
04 01 20 51-0005	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	8.19	
04 01 20 51-0006	EA	Cutout Individual Damaged Brick And Replace With New Brick	15.48	
04 01 20 51-0007	LF	Pressure Grout Block/Brick, Portland Cement Base, Using LA City RGA Rule Of General Application 1-91	428.67	
04 01 20 51-0008	LF	Pressure Grout Block/Brick, Portland Cement Base, Master Builders RHEOCEM 900	122.30	
04 01 20 51-0009	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	38.79	
		For Cracks Accessible From Both Sides, Add	*7.87*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 51-0010	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	34.50	
		For Cracks Accessible From Both Sides, Add	*7.87*	
04 01 20 51-0011	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	9.53	
		For V-Grooving Crack With Grinder, Add	*6.90*	
04 01 20 51-0012	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	12.78	
		For V-Grooving Crack With Grinder, Add	*6.55*	
04 01 20 51-0013		Grind Unit Masonry *(04 01 20 51)*		
04 01 20 51-0014	SF	Grind Smooth Masonry Wall	4.24	

04 01 20 52 Unit Masonry Cleaning *(04 01 20)*

See CSI section 09 01 90 52-0002 for cleaning of unit masonry surfaces.

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

See CSI section 03 01 30 71-0132 for crack repair.

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	10.32	
		For Common Bond, Add	*0.39*	
		For Flemish Bond, Add	*1.35*	
		For English Bond, Add	*2.22*	
		For Oversized Or Larger Than Standard, Deduct	*-1.55*	
		For Historical Restoration, Add	*1.93*	
		For >250 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-1.00*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	7.21	
		For Common Bond, Add	*0.26*	
		For Flemish Bond, Add	*0.92*	
		For English Bond, Add	*1.50*	
		For Oversized Or Larger Than Standard, Deduct	*-1.08*	
		For Historical Restoration, Add	*1.31*	
		For >250 To 1,000, Deduct	*-0.33*	
		For >1,000, Deduct	*-0.69*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	5.53	
		For Common Bond, Add	*0.19*	
		For Oversized Or Larger Than Standard, Deduct	*-0.83*	
		For Historical Restoration, Add	*0.97*	
		For >250 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.52*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	3.98	
		For Common Bond, Add	*0.13*	
		For Oversized Or Larger Than Standard, Deduct	*-0.60*	
		For Historical Restoration, Add	*0.66*	
		For >250 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.36*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	3.27	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	8.39	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	16.77	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	25.14	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	8.04	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	7.42	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	7.61	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	8.33	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	8.79	
04 05 13 26-0007		Mortar Admixture *(04 05 13 26)*		
04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.44	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 13 26-0010 Color Admixtures For Mortar *(04 05 13 26)*

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture	2.80
04 05 13 26-0012	CF	Brown Colored Admixture	3.18
04 05 13 26-0013	CF	Black Colored Admixture	3.93
04 05 13 26-0014	CF	Red Colored Admixture	8.61

04 05 13 26-0015 Portland Cement *(04 05 13 26)*

04 05 13 26-0016	CF	Type I, Normal Portland Cement	14.93
04 05 13 26-0017	CF	Type II, Modified Portland Cement	7.44
04 05 13 26-0018	CF	Type III, High Early Strength Portland Cement	7.90
04 05 13 26-0019	CF	Type I, White Non-Staining Portland Cement	16.54

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*

Note: Excludes block.

04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.69
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	5.12
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	5.73
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	6.40

04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, (0.067 CF/SF) Grout Fill Block Solid	3.65
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, (0.175 CF/SF) Grout Fill Block Solid	5.32
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, (0.258 CF/SF) Grout Fill Block Solid	7.59
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, (0.34 CF/SF) Grout Fill Block Solid	9.33
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, (0.422 CF/SF) Grout Fill Block Solid	11.02

04 05 16 26-0012 Grout Cavity Walls, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, (0.167 CF/SF) Grout Fill	4.31
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, (0.250 CF/SF) Grout Fill	6.08
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, (0.333 CF/SF) Grout Fill	7.64
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, (0.500 CF/SF) Grout Fill	10.36

04 05 16 26-0017 Grout Frames, Grout Fill *(04 05 16 26)*

04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	6.84
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	5.86

04 05 16 26-0020 Sand Filled Walls *(04 05 16 26)*

04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*

Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, (0.167 CF/SF) Sand Fill	3.46
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, (0.250 CF/SF) Sand Fill	4.75
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, (0.333 CF/SF) Sand Fill	5.84
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, (0.500 CF/SF) Sand Fill	7.74

04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing *(04 05 19 13)*

04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	65.20
		For Hot-Dipped Galvanized, Add	*12.44*
		For Stainless Steel, Add	*49.76*
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.22
		For Hot-Dipped Galvanized, Add	*13.07*
		For Stainless Steel, Add	*52.26*
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.55
		For Hot-Dipped Galvanized, Add	*13.77*
		For Stainless Steel, Add	*55.08*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.85	
		For Hot-Dipped Galvanized, Add	*14.57*	
		For Stainless Steel, Add	*58.28*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.15	
		For Hot-Dipped Galvanized, Add	*15.35*	
		For Stainless Steel, Add	*61.40*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.51	
		For Hot-Dipped Galvanized, Add	*15.74*	
		For Stainless Steel, Add	*62.94*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.48	
		For Hot-Dipped Galvanized, Add	*16.17*	
		For Stainless Steel, Add	*64.68*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.74	
		For Hot-Dipped Galvanized, Add	*22.23*	
		For Stainless Steel, Add	*88.92*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	142.14	
		For Hot-Dipped Galvanized, Add	*34.36*	
		For Stainless Steel, Add	*137.44*	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.00	
		For Hot-Dipped Galvanized, Add	*19.34*	
		For Stainless Steel, Add	*77.34*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.17	
		For Hot-Dipped Galvanized, Add	*20.04*	
		For Stainless Steel, Add	*80.16*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.65	
		For Hot-Dipped Galvanized, Add	*20.82*	
		For Stainless Steel, Add	*83.28*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.80	
		For Hot-Dipped Galvanized, Add	*21.55*	
		For Stainless Steel, Add	*86.18*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.06	
		For Hot-Dipped Galvanized, Add	*22.31*	
		For Stainless Steel, Add	*89.22*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.48	
		For Hot-Dipped Galvanized, Add	*22.73*	
		For Stainless Steel, Add	*90.90*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.36	
		For Hot-Dipped Galvanized, Add	*23.11*	
		For Stainless Steel, Add	*92.42*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.07	
		For Hot-Dipped Galvanized, Add	*31.40*	
		For Stainless Steel, Add	*125.60*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	173.60	
		For Hot-Dipped Galvanized, Add	*50.10*	
		For Stainless Steel, Add	*200.38*	

04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.37	
		For Hot-Dipped Galvanized, Add	*26.02*	
		For Stainless Steel, Add	*104.08*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	98.33	
		For Hot-Dipped Galvanized, Add	*27.45*	
		For Stainless Steel, Add	*109.80*	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.28	
		For Hot-Dipped Galvanized, Add	*28.88*	
		For Stainless Steel, Add	*115.50*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.89	
		For Hot-Dipped Galvanized, Add	*30.59*	
		For Stainless Steel, Add	*122.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.44	
		For Hot-Dipped Galvanized, Add	*32.29*	
		For Stainless Steel, Add	*129.14*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.45	
		For Hot-Dipped Galvanized, Add	*33.20*	
		For Stainless Steel, Add	*132.80*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.60	
		For Hot-Dipped Galvanized, Add	*33.98*	
		For Stainless Steel, Add	*135.92*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	140.38	
		For Hot-Dipped Galvanized, Add	*35.55*	
		For Stainless Steel, Add	*142.18*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	191.52	
		For Hot-Dipped Galvanized, Add	*59.05*	
		For Stainless Steel, Add	*236.18*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.96	
		For Hot-Dipped Galvanized, Add	*28.32*	
		For Stainless Steel, Add	*113.26*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.96	
		For Hot-Dipped Galvanized, Add	*28.94*	
		For Stainless Steel, Add	*115.74*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.28	
		For Hot-Dipped Galvanized, Add	*29.64*	
		For Stainless Steel, Add	*118.56*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.59	
		For Hot-Dipped Galvanized, Add	*30.44*	
		For Stainless Steel, Add	*121.76*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.90	
		For Hot-Dipped Galvanized, Add	*31.22*	
		For Stainless Steel, Add	*124.88*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.25	
		For Hot-Dipped Galvanized, Add	*31.60*	
		For Stainless Steel, Add	*126.40*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.21	
		For Hot-Dipped Galvanized, Add	*32.04*	
		For Stainless Steel, Add	*128.14*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.48	
		For Hot-Dipped Galvanized, Add	*38.10*	
		For Stainless Steel, Add	*152.38*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.75	
		For Hot-Dipped Galvanized, Add	*35.21*	
		For Stainless Steel, Add	*140.84*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.93	
		For Hot-Dipped Galvanized, Add	*35.92*	
		For Stainless Steel, Add	*143.68*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.40	
		For Hot-Dipped Galvanized, Add	*36.70*	
		For Stainless Steel, Add	*146.80*	
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.56	
		For Hot-Dipped Galvanized, Add	*37.43*	
		For Stainless Steel, Add	*149.70*	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	133.83	
		For Hot-Dipped Galvanized, Add	*38.19*	
		For Stainless Steel, Add	*152.74*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	139.24	
		For Hot-Dipped Galvanized, Add	*38.61*	
		For Stainless Steel, Add	*154.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.12	
		For Hot-Dipped Galvanized, Add	*38.99*	
		For Stainless Steel, Add	*155.94*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.83	
		For Hot-Dipped Galvanized, Add	*47.28*	
		For Stainless Steel, Add	*189.10*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	205.35	
		For Hot-Dipped Galvanized, Add	*65.98*	
		For Stainless Steel, Add	*263.90*	

04 05 19 13-0053 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	124.10	
		For Hot-Dipped Galvanized, Add	*41.89*	
		For Stainless Steel, Add	*167.54*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.07	
		For Hot-Dipped Galvanized, Add	*43.32*	
		For Stainless Steel, Add	*173.28*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.04	
		For Hot-Dipped Galvanized, Add	*44.76*	
		For Stainless Steel, Add	*179.02*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.63	
		For Hot-Dipped Galvanized, Add	*46.46*	
		For Stainless Steel, Add	*185.84*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.20	
		For Hot-Dipped Galvanized, Add	*48.17*	
		For Stainless Steel, Add	*192.66*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.19	
		For Hot-Dipped Galvanized, Add	*49.07*	
		For Stainless Steel, Add	*196.28*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	164.34	
		For Hot-Dipped Galvanized, Add	*49.85*	
		For Stainless Steel, Add	*199.40*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.11	
		For Hot-Dipped Galvanized, Add	*51.41*	
		For Stainless Steel, Add	*205.64*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	223.27	
		For Hot-Dipped Galvanized, Add	*74.92*	
		For Stainless Steel, Add	*299.68*	

04 05 19 13-0063 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.71	
		For Hot-Dipped Galvanized, Add	*44.19*	
		For Stainless Steel, Add	*176.76*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.70	
		For Hot-Dipped Galvanized, Add	*44.81*	
		For Stainless Steel, Add	*179.22*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.03	
		For Hot-Dipped Galvanized, Add	*45.52*	
		For Stainless Steel, Add	*182.06*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.34	
		For Hot-Dipped Galvanized, Add	*46.32*	
		For Stainless Steel, Add	*185.26*	
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.65	
		For Hot-Dipped Galvanized, Add	*47.10*	
		For Stainless Steel, Add	*188.38*	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	157.00	
		For Hot-Dipped Galvanized, Add	*47.48*	
		For Stainless Steel, Add	*189.90*	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.96	
		For Hot-Dipped Galvanized, Add	*47.91*	
		For Stainless Steel, Add	*191.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	177.23	
		For Hot-Dipped Galvanized, Add	*53.97*	
		For Stainless Steel, Add	*215.88*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	205.63	
		For Hot-Dipped Galvanized, Add	*66.11*	
		For Stainless Steel, Add	*264.42*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	142.50	
		For Hot-Dipped Galvanized, Add	*51.09*	
		For Stainless Steel, Add	*204.34*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.67	
		For Hot-Dipped Galvanized, Add	*51.79*	
		For Stainless Steel, Add	*207.16*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	152.14	
		For Hot-Dipped Galvanized, Add	*52.57*	
		For Stainless Steel, Add	*210.28*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	158.30	
		For Hot-Dipped Galvanized, Add	*53.30*	
		For Stainless Steel, Add	*213.18*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	165.58	
		For Hot-Dipped Galvanized, Add	*54.06*	
		For Stainless Steel, Add	*216.24*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	170.98	
		For Hot-Dipped Galvanized, Add	*54.48*	
		For Stainless Steel, Add	*217.90*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	174.86	
		For Hot-Dipped Galvanized, Add	*54.86*	
		For Stainless Steel, Add	*219.42*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	195.57	
		For Hot-Dipped Galvanized, Add	*63.15*	
		For Stainless Steel, Add	*252.58*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	237.10	
		For Hot-Dipped Galvanized, Add	*81.85*	
		For Stainless Steel, Add	*327.40*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.85	
		For Hot-Dipped Galvanized, Add	*57.76*	
		For Stainless Steel, Add	*231.04*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	161.81	
		For Hot-Dipped Galvanized, Add	*59.19*	
		For Stainless Steel, Add	*236.76*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	167.78	
		For Hot-Dipped Galvanized, Add	*60.63*	
		For Stainless Steel, Add	*242.50*	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	176.37	
		For Hot-Dipped Galvanized, Add	*62.33*	
		For Stainless Steel, Add	*249.32*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	184.94	
		For Hot-Dipped Galvanized, Add	*64.04*	
		For Stainless Steel, Add	*256.14*	
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	191.94	
		For Hot-Dipped Galvanized, Add	*64.95*	
		For Stainless Steel, Add	*259.78*	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	196.09	
		For Hot-Dipped Galvanized, Add	*65.73*	
		For Stainless Steel, Add	*262.90*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	203.86	
		For Hot-Dipped Galvanized, Add	*67.29*	
		For Stainless Steel, Add	*269.14*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	255.02	
			For Hot-Dipped Galvanized, Add	*90.80*	
			For Stainless Steel, Add	*363.18*	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

	04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	94.64	
			For Hot-Dipped Galvanized, Add	*21.15*	
			For Stainless Steel, Add	*84.58*	
	04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	104.34	
			For Hot-Dipped Galvanized, Add	*23.09*	
			For Stainless Steel, Add	*92.34*	
	04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	113.58	
			For Hot-Dipped Galvanized, Add	*24.80*	
			For Stainless Steel, Add	*99.20*	
	04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.38	
			For Hot-Dipped Galvanized, Add	*25.79*	
			For Stainless Steel, Add	*103.16*	
	04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	126.12	
			For Hot-Dipped Galvanized, Add	*26.71*	
			For Stainless Steel, Add	*106.82*	
	04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	135.44	
			For Hot-Dipped Galvanized, Add	*28.75*	
			For Stainless Steel, Add	*114.98*	
	04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.44	
			For Hot-Dipped Galvanized, Add	*30.42*	
			For Stainless Steel, Add	*121.68*	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

	04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	111.82	
			For Hot-Dipped Galvanized, Add	*29.74*	
			For Stainless Steel, Add	*118.94*	
	04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.56	
			For Hot-Dipped Galvanized, Add	*31.70*	
			For Stainless Steel, Add	*126.78*	
	04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	130.61	
			For Hot-Dipped Galvanized, Add	*33.32*	
			For Stainless Steel, Add	*133.26*	
	04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	138.60	
			For Hot-Dipped Galvanized, Add	*34.40*	
			For Stainless Steel, Add	*137.60*	
	04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.30	
			For Hot-Dipped Galvanized, Add	*35.30*	
			For Stainless Steel, Add	*141.18*	
	04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.62	
			For Hot-Dipped Galvanized, Add	*37.34*	
			For Stainless Steel, Add	*149.34*	
	04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	160.85	
			For Hot-Dipped Galvanized, Add	*39.13*	
			For Stainless Steel, Add	*156.50*	

04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

	04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.16	
			For Hot-Dipped Galvanized, Add	*33.91*	
			For Stainless Steel, Add	*135.62*	
	04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	131.88	
			For Hot-Dipped Galvanized, Add	*36.86*	
			For Stainless Steel, Add	*147.42*	
	04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.48	
			For Hot-Dipped Galvanized, Add	*39.75*	
			For Stainless Steel, Add	*159.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.39	
		For Hot-Dipped Galvanized, Add	*41.30*	
		For Stainless Steel, Add	*165.18*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	158.12	
		For Hot-Dipped Galvanized, Add	*42.71*	
		For Stainless Steel, Add	*170.82*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	169.38	
		For Hot-Dipped Galvanized, Add	*45.72*	
		For Stainless Steel, Add	*182.86*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	179.93	
		For Hot-Dipped Galvanized, Add	*48.67*	
		For Stainless Steel, Add	*194.66*	

04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	140.88	
		For Hot-Dipped Galvanized, Add	*44.27*	
		For Stainless Steel, Add	*177.06*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	149.41	
		For Hot-Dipped Galvanized, Add	*45.62*	
		For Stainless Steel, Add	*182.48*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	157.96	
		For Hot-Dipped Galvanized, Add	*46.99*	
		For Stainless Steel, Add	*187.96*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.74	
		For Hot-Dipped Galvanized, Add	*48.52*	
		For Stainless Steel, Add	*194.06*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	178.03	
		For Hot-Dipped Galvanized, Add	*50.04*	
		For Stainless Steel, Add	*200.16*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.32	
		For Hot-Dipped Galvanized, Add	*52.36*	
		For Stainless Steel, Add	*209.44*	

04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.82	
		For Hot-Dipped Galvanized, Add	*57.74*	
		For Stainless Steel, Add	*230.94*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	176.38	
		For Hot-Dipped Galvanized, Add	*59.11*	
		For Stainless Steel, Add	*236.42*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	185.27	
		For Hot-Dipped Galvanized, Add	*60.65*	
		For Stainless Steel, Add	*242.58*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	196.71	
		For Hot-Dipped Galvanized, Add	*62.00*	
		For Stainless Steel, Add	*248.00*	
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	205.04	
		For Hot-Dipped Galvanized, Add	*63.55*	
		For Stainless Steel, Add	*254.18*	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	212.77	
		For Hot-Dipped Galvanized, Add	*65.09*	
		For Stainless Steel, Add	*260.34*	

04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.80	
		For Hot-Dipped Galvanized, Add	*58.73*	
		For Stainless Steel, Add	*234.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.85	
		For Hot-Dipped Galvanized, Add	*60.84*	
		For Stainless Steel, Add	*243.36*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	189.85	
		For Hot-Dipped Galvanized, Add	*62.94*	
		For Stainless Steel, Add	*251.74*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	203.64	
		For Hot-Dipped Galvanized, Add	*65.47*	
		For Stainless Steel, Add	*261.86*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	213.91	
		For Hot-Dipped Galvanized, Add	*67.98*	
		For Stainless Steel, Add	*271.92*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	223.55	
		For Hot-Dipped Galvanized, Add	*70.48*	
		For Stainless Steel, Add	*281.90*	

04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.73	
		For Hot-Dipped Galvanized, Add	*46.78*	
		For Stainless Steel, Add	*187.12*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	160.21	
		For Hot-Dipped Galvanized, Add	*48.12*	
		For Stainless Steel, Add	*192.46*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.60	
		For Hot-Dipped Galvanized, Add	*49.45*	
		For Stainless Steel, Add	*197.78*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.01	
		For Hot-Dipped Galvanized, Add	*51.03*	
		For Stainless Steel, Add	*204.12*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.70	
		For Hot-Dipped Galvanized, Add	*52.55*	
		For Stainless Steel, Add	*210.20*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	197.07	
		For Hot-Dipped Galvanized, Add	*55.62*	
		For Stainless Steel, Add	*222.48*	

04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	178.70	
		For Hot-Dipped Galvanized, Add	*60.27*	
		For Stainless Steel, Add	*241.06*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.22	
		For Hot-Dipped Galvanized, Add	*61.62*	
		For Stainless Steel, Add	*246.48*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	199.00	
		For Hot-Dipped Galvanized, Add	*63.15*	
		For Stainless Steel, Add	*252.58*	
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	206.94	
		For Hot-Dipped Galvanized, Add	*64.50*	
		For Stainless Steel, Add	*257.98*	
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	214.68	
		For Hot-Dipped Galvanized, Add	*66.04*	
		For Stainless Steel, Add	*264.16*	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	224.38	
		For Hot-Dipped Galvanized, Add	*69.28*	
		For Stainless Steel, Add	*277.10*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.61	
		For Hot-Dipped Galvanized, Add	*61.22*	
		For Stainless Steel, Add	*244.88*	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.65	
		For Hot-Dipped Galvanized, Add	*63.34*	
		For Stainless Steel, Add	*253.34*	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	203.64	
		For Hot-Dipped Galvanized, Add	*65.47*	
		For Stainless Steel, Add	*261.86*	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	213.91	
		For Hot-Dipped Galvanized, Add	*67.98*	
		For Stainless Steel, Add	*271.92*	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	223.55	
		For Hot-Dipped Galvanized, Add	*70.48*	
		For Stainless Steel, Add	*281.90*	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	233.94	
		For Hot-Dipped Galvanized, Add	*74.06*	
		For Stainless Steel, Add	*296.22*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	142.86	
		For Hot-Dipped Galvanized, Add	*42.35*	
		For Stainless Steel, Add	*169.38*	
		For Seismic Hook And Eye, Add	*18.21*	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.87	
		For Hot-Dipped Galvanized, Add	*43.45*	
		For Stainless Steel, Add	*173.78*	
		For Seismic Hook And Eye, Add	*18.68*	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.97	
		For Hot-Dipped Galvanized, Add	*44.63*	
		For Stainless Steel, Add	*178.52*	
		For Seismic Hook And Eye, Add	*19.19*	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.72	
		For Hot-Dipped Galvanized, Add	*45.89*	
		For Stainless Steel, Add	*183.54*	
		For Seismic Hook And Eye, Add	*19.73*	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.00	
		For Hot-Dipped Galvanized, Add	*47.20*	
		For Stainless Steel, Add	*188.80*	
		For Seismic Hook And Eye, Add	*20.30*	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	182.59	
		For Hot-Dipped Galvanized, Add	*48.38*	
		For Stainless Steel, Add	*193.52*	
		For Seismic Hook And Eye, Add	*20.80*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	168.15	
		For Hot-Dipped Galvanized, Add	*54.99*	
		For Stainless Steel, Add	*219.96*	
		For Seismic Hook And Eye, Add	*23.65*	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	175.67	
		For Hot-Dipped Galvanized, Add	*55.85*	
		For Stainless Steel, Add	*223.38*	
		For Seismic Hook And Eye, Add	*24.01*	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	186.84	
		For Hot-Dipped Galvanized, Add	*57.07*	
		For Stainless Steel, Add	*228.26*	
		For Seismic Hook And Eye, Add	*24.54*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	194.44	
		For Hot-Dipped Galvanized, Add	*58.25*	
		For Stainless Steel, Add	*232.98*	
		For Seismic Hook And Eye, Add	*25.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	201.46	
		For Hot-Dipped Galvanized, Add	*59.43*	
		For Stainless Steel, Add	*237.72*	
		For Seismic Hook And Eye, Add	*25.55*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	209.79	
		For Hot-Dipped Galvanized, Add	*61.98*	
		For Stainless Steel, Add	*247.92*	
		For Seismic Hook And Eye, Add	*26.65*	

04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	170.02	
		For Hot-Dipped Galvanized, Add	*55.93*	
		For Stainless Steel, Add	*223.70*	
		For Seismic Hook And Eye, Add	*24.05*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.87	
		For Hot-Dipped Galvanized, Add	*57.95*	
		For Stainless Steel, Add	*231.78*	
		For Seismic Hook And Eye, Add	*24.92*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	192.60	
		For Hot-Dipped Galvanized, Add	*59.95*	
		For Stainless Steel, Add	*239.78*	
		For Seismic Hook And Eye, Add	*25.78*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	202.64	
		For Hot-Dipped Galvanized, Add	*62.35*	
		For Stainless Steel, Add	*249.38*	
		For Seismic Hook And Eye, Add	*26.81*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	212.09	
		For Hot-Dipped Galvanized, Add	*64.75*	
		For Stainless Steel, Add	*258.98*	
		For Seismic Hook And Eye, Add	*27.84*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	220.08	
		For Hot-Dipped Galvanized, Add	*67.13*	
		For Stainless Steel, Add	*268.50*	
		For Seismic Hook And Eye, Add	*28.86*	

04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	153.69	
		For Hot-Dipped Galvanized, Add	*44.86*	
		For Stainless Steel, Add	*179.42*	
		For Seismic Hook And Eye, Add	*19.29*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.60	
		For Hot-Dipped Galvanized, Add	*45.95*	
		For Stainless Steel, Add	*183.78*	
		For Seismic Hook And Eye, Add	*19.76*	
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.01	
		For Hot-Dipped Galvanized, Add	*47.03*	
		For Stainless Steel, Add	*188.12*	
		For Seismic Hook And Eye, Add	*20.22*	
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	179.44	
		For Hot-Dipped Galvanized, Add	*48.42*	
		For Stainless Steel, Add	*193.68*	
		For Seismic Hook And Eye, Add	*20.82*	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	185.18	
		For Hot-Dipped Galvanized, Add	*49.68*	
		For Stainless Steel, Add	*198.70*	
		For Seismic Hook And Eye, Add	*21.36*	

04 05 19 13-0191 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	178.07	
		For Hot-Dipped Galvanized, Add	*57.05*	
		For Stainless Steel, Add	*228.18*	
		For Seismic Hook And Eye, Add	*24.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	189.17	
		For Hot-Dipped Galvanized, Add	*58.23*	
		For Stainless Steel, Add	*232.92*	
		For Seismic Hook And Eye, Add	*25.04*	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	196.92	
		For Hot-Dipped Galvanized, Add	*59.49*	
		For Stainless Steel, Add	*237.94*	
		For Seismic Hook And Eye, Add	*25.58*	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	203.59	
		For Hot-Dipped Galvanized, Add	*60.50*	
		For Stainless Steel, Add	*241.98*	
		For Seismic Hook And Eye, Add	*26.01*	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	209.56	
		For Hot-Dipped Galvanized, Add	*61.87*	
		For Stainless Steel, Add	*247.46*	
		For Seismic Hook And Eye, Add	*26.60*	

04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	180.59	
		For Hot-Dipped Galvanized, Add	*58.31*	
		For Stainless Steel, Add	*233.22*	
		For Seismic Hook And Eye, Add	*25.07*	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.36	
		For Hot-Dipped Galvanized, Add	*60.33*	
		For Stainless Steel, Add	*241.30*	
		For Seismic Hook And Eye, Add	*25.94*	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	202.64	
		For Hot-Dipped Galvanized, Add	*62.35*	
		For Stainless Steel, Add	*249.38*	
		For Seismic Hook And Eye, Add	*26.81*	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	212.09	
		For Hot-Dipped Galvanized, Add	*64.75*	
		For Stainless Steel, Add	*258.98*	
		For Seismic Hook And Eye, Add	*27.84*	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	220.08	
		For Hot-Dipped Galvanized, Add	*67.13*	
		For Stainless Steel, Add	*268.50*	
		For Seismic Hook And Eye, Add	*28.86*	

04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.60	
		For Hot-Dipped Galvanized, Add	*17.64*	
		For Stainless Steel, Add	*70.56*	
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	78.75	
		For Hot-Dipped Galvanized, Add	*17.83*	
		For Stainless Steel, Add	*71.32*	
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	84.08	
		For Hot-Dipped Galvanized, Add	*18.54*	
		For Stainless Steel, Add	*74.14*	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	90.61	
		For Hot-Dipped Galvanized, Add	*19.45*	
		For Stainless Steel, Add	*77.80*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.40	
		For Hot-Dipped Galvanized, Add	*20.48*	
		For Stainless Steel, Add	*81.90*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.10	
		For Hot-Dipped Galvanized, Add	*21.03*	
		For Stainless Steel, Add	*84.12*	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.30	
		For Hot-Dipped Galvanized, Add	*21.83*	
		For Stainless Steel, Add	*87.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.60	
		For Hot-Dipped Galvanized, Add	*30.67*	
		For Stainless Steel, Add	*122.66*	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.25	
		For Hot-Dipped Galvanized, Add	*32.42*	
		For Stainless Steel, Add	*129.68*	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	190.74	
		For Hot-Dipped Galvanized, Add	*56.08*	
		For Stainless Steel, Add	*224.30*	

04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.24	
		For Hot-Dipped Galvanized, Add	*24.46*	
		For Stainless Steel, Add	*97.82*	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.69	
		For Hot-Dipped Galvanized, Add	*24.80*	
		For Stainless Steel, Add	*99.20*	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.02	
		For Hot-Dipped Galvanized, Add	*25.51*	
		For Stainless Steel, Add	*102.02*	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.51	
		For Hot-Dipped Galvanized, Add	*26.40*	
		For Stainless Steel, Add	*105.60*	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.12	
		For Hot-Dipped Galvanized, Add	*27.34*	
		For Stainless Steel, Add	*109.34*	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.99	
		For Hot-Dipped Galvanized, Add	*27.98*	
		For Stainless Steel, Add	*111.92*	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.97	
		For Hot-Dipped Galvanized, Add	*28.67*	
		For Stainless Steel, Add	*114.66*	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.96	
		For Hot-Dipped Galvanized, Add	*39.85*	
		For Stainless Steel, Add	*159.38*	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	156.61	
		For Hot-Dipped Galvanized, Add	*41.60*	
		For Stainless Steel, Add	*166.40*	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	230.59	
		For Hot-Dipped Galvanized, Add	*78.59*	
		For Stainless Steel, Add	*314.36*	

04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.12	
		For Hot-Dipped Galvanized, Add	*34.90*	
		For Stainless Steel, Add	*139.58*	
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.10	
		For Hot-Dipped Galvanized, Add	*35.34*	
		For Stainless Steel, Add	*141.34*	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.79	
		For Hot-Dipped Galvanized, Add	*36.63*	
		For Stainless Steel, Add	*146.52*	
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.51	
		For Hot-Dipped Galvanized, Add	*38.40*	
		For Stainless Steel, Add	*153.60*	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.09	
		For Hot-Dipped Galvanized, Add	*40.61*	
		For Stainless Steel, Add	*162.44*	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.29	
		For Hot-Dipped Galvanized, Add	*41.62*	
		For Stainless Steel, Add	*166.48*	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	150.89	
		For Hot-Dipped Galvanized, Add	*43.13*	
		For Stainless Steel, Add	*172.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	190.36	
		For Hot-Dipped Galvanized, Add	*60.54*	
		For Stainless Steel, Add	*242.14*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	201.35	
		For Hot-Dipped Galvanized, Add	*63.96*	
		For Stainless Steel, Add	*255.84*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	299.77	
		For Hot-Dipped Galvanized, Add	*110.59*	
		For Stainless Steel, Add	*442.36*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.96	
		For Hot-Dipped Galvanized, Add	*28.32*	
		For Stainless Steel, Add	*113.26*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.96	
		For Hot-Dipped Galvanized, Add	*28.94*	
		For Stainless Steel, Add	*115.74*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.28	
		For Hot-Dipped Galvanized, Add	*29.64*	
		For Stainless Steel, Add	*118.56*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.59	
		For Hot-Dipped Galvanized, Add	*30.44*	
		For Stainless Steel, Add	*121.76*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.90	
		For Hot-Dipped Galvanized, Add	*31.22*	
		For Stainless Steel, Add	*124.88*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.25	
		For Hot-Dipped Galvanized, Add	*31.60*	
		For Stainless Steel, Add	*126.40*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.21	
		For Hot-Dipped Galvanized, Add	*32.04*	
		For Stainless Steel, Add	*128.14*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.48	
		For Hot-Dipped Galvanized, Add	*38.10*	
		For Stainless Steel, Add	*152.38*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.75	
		For Hot-Dipped Galvanized, Add	*35.21*	
		For Stainless Steel, Add	*140.84*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.93	
		For Hot-Dipped Galvanized, Add	*35.92*	
		For Stainless Steel, Add	*143.68*	
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.40	
		For Hot-Dipped Galvanized, Add	*36.70*	
		For Stainless Steel, Add	*146.80*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.56	
		For Hot-Dipped Galvanized, Add	*37.43*	
		For Stainless Steel, Add	*149.70*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.83	
		For Hot-Dipped Galvanized, Add	*38.19*	
		For Stainless Steel, Add	*152.74*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	139.24	
		For Hot-Dipped Galvanized, Add	*38.61*	
		For Stainless Steel, Add	*154.42*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	143.12	
		For Hot-Dipped Galvanized, Add	*38.99*	
		For Stainless Steel, Add	*155.94*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.83	
		For Hot-Dipped Galvanized, Add	*47.28*	
		For Stainless Steel, Add	*189.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	205.35	
		For Hot-Dipped Galvanized, Add	*65.98*	
		For Stainless Steel, Add	*263.90*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	124.10	
		For Hot-Dipped Galvanized, Add	*41.89*	
		For Stainless Steel, Add	*167.54*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.07	
		For Hot-Dipped Galvanized, Add	*43.32*	
		For Stainless Steel, Add	*173.28*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.04	
		For Hot-Dipped Galvanized, Add	*44.76*	
		For Stainless Steel, Add	*179.02*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.63	
		For Hot-Dipped Galvanized, Add	*46.46*	
		For Stainless Steel, Add	*185.84*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.20	
		For Hot-Dipped Galvanized, Add	*48.17*	
		For Stainless Steel, Add	*192.66*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.19	
		For Hot-Dipped Galvanized, Add	*49.07*	
		For Stainless Steel, Add	*196.28*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	164.34	
		For Hot-Dipped Galvanized, Add	*49.85*	
		For Stainless Steel, Add	*199.40*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.11	
		For Hot-Dipped Galvanized, Add	*51.41*	
		For Stainless Steel, Add	*205.64*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	223.27	
		For Hot-Dipped Galvanized, Add	*74.92*	
		For Stainless Steel, Add	*299.68*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.71	
		For Hot-Dipped Galvanized, Add	*44.19*	
		For Stainless Steel, Add	*176.76*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.70	
		For Hot-Dipped Galvanized, Add	*44.81*	
		For Stainless Steel, Add	*179.22*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.03	
		For Hot-Dipped Galvanized, Add	*45.52*	
		For Stainless Steel, Add	*182.06*	
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.34	
		For Hot-Dipped Galvanized, Add	*46.32*	
		For Stainless Steel, Add	*185.26*	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.65	
		For Hot-Dipped Galvanized, Add	*47.10*	
		For Stainless Steel, Add	*188.38*	
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	157.00	
		For Hot-Dipped Galvanized, Add	*47.48*	
		For Stainless Steel, Add	*189.90*	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.96	
		For Hot-Dipped Galvanized, Add	*47.91*	
		For Stainless Steel, Add	*191.64*	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	177.23	
		For Hot-Dipped Galvanized, Add	*53.97*	
		For Stainless Steel, Add	*215.88*	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	205.63	
		For Hot-Dipped Galvanized, Add	*66.11*	
		For Stainless Steel, Add	*264.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0277		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	142.50	
		For Hot-Dipped Galvanized, Add	*51.09*	
		For Stainless Steel, Add	*204.34*	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.67	
		For Hot-Dipped Galvanized, Add	*51.79*	
		For Stainless Steel, Add	*207.16*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	152.14	
		For Hot-Dipped Galvanized, Add	*52.57*	
		For Stainless Steel, Add	*210.28*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	158.30	
		For Hot-Dipped Galvanized, Add	*53.30*	
		For Stainless Steel, Add	*213.18*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	165.58	
		For Hot-Dipped Galvanized, Add	*54.06*	
		For Stainless Steel, Add	*216.24*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.98	
		For Hot-Dipped Galvanized, Add	*54.48*	
		For Stainless Steel, Add	*217.90*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	174.86	
		For Hot-Dipped Galvanized, Add	*54.86*	
		For Stainless Steel, Add	*219.42*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	195.57	
		For Hot-Dipped Galvanized, Add	*63.15*	
		For Stainless Steel, Add	*252.58*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	237.10	
		For Hot-Dipped Galvanized, Add	*81.85*	
		For Stainless Steel, Add	*327.40*	
04 05 19 13-0287		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.85	
		For Hot-Dipped Galvanized, Add	*57.76*	
		For Stainless Steel, Add	*231.04*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	161.81	
		For Hot-Dipped Galvanized, Add	*59.19*	
		For Stainless Steel, Add	*236.76*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	167.78	
		For Hot-Dipped Galvanized, Add	*60.63*	
		For Stainless Steel, Add	*242.50*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	176.37	
		For Hot-Dipped Galvanized, Add	*62.33*	
		For Stainless Steel, Add	*249.32*	
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	184.94	
		For Hot-Dipped Galvanized, Add	*64.04*	
		For Stainless Steel, Add	*256.14*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	191.94	
		For Hot-Dipped Galvanized, Add	*64.95*	
		For Stainless Steel, Add	*259.78*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	196.09	
		For Hot-Dipped Galvanized, Add	*65.73*	
		For Stainless Steel, Add	*262.90*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	203.86	
		For Hot-Dipped Galvanized, Add	*67.29*	
		For Stainless Steel, Add	*269.14*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	255.02	
		For Hot-Dipped Galvanized, Add	*90.80*	
		For Stainless Steel, Add	*363.18*	
04 05 19 13-0297		Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0298		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	107.63	
		For Hot-Dipped Galvanized, Add	*27.64*	
		For Stainless Steel, Add	*110.56*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	116.11	
		For Hot-Dipped Galvanized, Add	*28.97*	
		For Stainless Steel, Add	*115.88*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	125.31	
		For Hot-Dipped Galvanized, Add	*30.67*	
		For Stainless Steel, Add	*122.66*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	133.46	
		For Hot-Dipped Galvanized, Add	*31.83*	
		For Stainless Steel, Add	*127.32*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	138.31	
		For Hot-Dipped Galvanized, Add	*32.80*	
		For Stainless Steel, Add	*131.20*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	148.24	
		For Hot-Dipped Galvanized, Add	*35.15*	
		For Stainless Steel, Add	*140.58*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	157.57	
		For Hot-Dipped Galvanized, Add	*37.49*	
		For Stainless Steel, Add	*149.94*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	124.84	
		For Hot-Dipped Galvanized, Add	*36.25*	
		For Stainless Steel, Add	*144.98*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	133.37	
		For Hot-Dipped Galvanized, Add	*37.60*	
		For Stainless Steel, Add	*150.40*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	142.49	
		For Hot-Dipped Galvanized, Add	*39.26*	
		For Stainless Steel, Add	*157.02*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	150.68	
		For Hot-Dipped Galvanized, Add	*40.44*	
		For Stainless Steel, Add	*161.76*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	155.41	
		For Hot-Dipped Galvanized, Add	*41.35*	
		For Stainless Steel, Add	*165.40*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	165.38	
		For Hot-Dipped Galvanized, Add	*43.72*	
		For Stainless Steel, Add	*174.86*	
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	174.79	
		For Hot-Dipped Galvanized, Add	*46.10*	
		For Stainless Steel, Add	*184.38*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	140.81	
		For Hot-Dipped Galvanized, Add	*44.23*	
		For Stainless Steel, Add	*176.92*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	150.82	
		For Hot-Dipped Galvanized, Add	*46.33*	
		For Stainless Steel, Add	*185.30*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	162.38	
		For Hot-Dipped Galvanized, Add	*49.20*	
		For Stainless Steel, Add	*196.80*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	171.32	
		For Hot-Dipped Galvanized, Add	*50.76*	
		For Stainless Steel, Add	*203.04*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	177.36	
		For Hot-Dipped Galvanized, Add	*52.33*	
		For Stainless Steel, Add	*209.30*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0320		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	189.64	
			For Hot-Dipped Galvanized, Add	*55.85*	
			For Stainless Steel, Add	*223.38*	
04 05 19 13-0321		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	200.12	
			For Hot-Dipped Galvanized, Add	*58.76*	
			For Stainless Steel, Add	*235.04*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	161.30	
			For Hot-Dipped Galvanized, Add	*54.48*	
			For Stainless Steel, Add	*217.90*	
04 05 19 13-0325		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.88	
			For Hot-Dipped Galvanized, Add	*54.86*	
			For Stainless Steel, Add	*219.42*	
04 05 19 13-0326		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	176.36	
			For Hot-Dipped Galvanized, Add	*56.19*	
			For Stainless Steel, Add	*224.76*	
04 05 19 13-0327		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	188.63	
			For Hot-Dipped Galvanized, Add	*57.96*	
			For Stainless Steel, Add	*231.84*	
04 05 19 13-0328		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	198.06	
			For Hot-Dipped Galvanized, Add	*60.06*	
			For Stainless Steel, Add	*240.22*	
04 05 19 13-0329		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	207.82	
			For Hot-Dipped Galvanized, Add	*62.61*	
			For Stainless Steel, Add	*250.44*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.93	
			For Hot-Dipped Galvanized, Add	*67.79*	
			For Stainless Steel, Add	*271.16*	
04 05 19 13-0332		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	194.89	
			For Hot-Dipped Galvanized, Add	*68.36*	
			For Stainless Steel, Add	*273.44*	
04 05 19 13-0333		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	203.37	
			For Hot-Dipped Galvanized, Add	*69.70*	
			For Stainless Steel, Add	*278.78*	
04 05 19 13-0334		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	215.57	
			For Hot-Dipped Galvanized, Add	*71.43*	
			For Stainless Steel, Add	*285.72*	
04 05 19 13-0335		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	224.65	
			For Hot-Dipped Galvanized, Add	*73.35*	
			For Stainless Steel, Add	*293.40*	
04 05 19 13-0336		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	233.19	
			For Hot-Dipped Galvanized, Add	*75.30*	
			For Stainless Steel, Add	*301.18*	

04 05 19 13-0337 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0338		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	202.52	
			For Hot-Dipped Galvanized, Add	*75.09*	
			For Stainless Steel, Add	*300.34*	
04 05 19 13-0339		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	209.48	
			For Hot-Dipped Galvanized, Add	*75.66*	
			For Stainless Steel, Add	*302.62*	
04 05 19 13-0340		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	219.48	
			For Hot-Dipped Galvanized, Add	*77.75*	
			For Stainless Steel, Add	*311.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	233.70	
		For Hot-Dipped Galvanized, Add	*80.50*	
		For Stainless Steel, Add	*321.98*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	245.87	
		For Hot-Dipped Galvanized, Add	*83.96*	
		For Stainless Steel, Add	*335.84*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	258.22	
		For Hot-Dipped Galvanized, Add	*87.81*	
		For Stainless Steel, Add	*351.24*	

04 05 19 13-0344 Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0345 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	172.19	
		For Hot-Dipped Galvanized, Add	*57.01*	
		For Stainless Steel, Add	*228.04*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	178.80	
		For Hot-Dipped Galvanized, Add	*57.41*	
		For Stainless Steel, Add	*229.64*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.12	
		For Hot-Dipped Galvanized, Add	*58.71*	
		For Stainless Steel, Add	*234.82*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	198.86	
		For Hot-Dipped Galvanized, Add	*60.46*	
		For Stainless Steel, Add	*241.82*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	207.78	
		For Hot-Dipped Galvanized, Add	*62.59*	
		For Stainless Steel, Add	*250.36*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	215.35	
		For Hot-Dipped Galvanized, Add	*64.76*	
		For Stainless Steel, Add	*259.04*	

04 05 19 13-0352 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	198.74	
		For Hot-Dipped Galvanized, Add	*70.29*	
		For Stainless Steel, Add	*281.14*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	205.69	
		For Hot-Dipped Galvanized, Add	*70.86*	
		For Stainless Steel, Add	*283.42*	
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	217.09	
		For Hot-Dipped Galvanized, Add	*72.19*	
		For Stainless Steel, Add	*288.76*	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	225.83	
		For Hot-Dipped Galvanized, Add	*73.94*	
		For Stainless Steel, Add	*295.76*	
04 05 19 13-0357	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	234.33	
		For Hot-Dipped Galvanized, Add	*75.87*	
		For Stainless Steel, Add	*303.46*	
04 05 19 13-0358	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	242.13	
		For Hot-Dipped Galvanized, Add	*78.15*	
		For Stainless Steel, Add	*312.60*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0360	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	213.37	
		For Hot-Dipped Galvanized, Add	*77.60*	
		For Stainless Steel, Add	*310.40*	
04 05 19 13-0361	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	220.28	
		For Hot-Dipped Galvanized, Add	*78.15*	
		For Stainless Steel, Add	*312.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0362		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	233.28	
			For Hot-Dipped Galvanized, Add	*80.29*	
			For Stainless Steel, Add	*321.14*	
04 05 19 13-0363		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	243.97	
			For Hot-Dipped Galvanized, Add	*83.01*	
			For Stainless Steel, Add	*332.04*	
04 05 19 13-0364		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	255.51	
			For Hot-Dipped Galvanized, Add	*86.46*	
			For Stainless Steel, Add	*345.82*	
04 05 19 13-0365		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	264.00	
			For Hot-Dipped Galvanized, Add	*89.09*	
			For Stainless Steel, Add	*356.34*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0368		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.94	
			For Hot-Dipped Galvanized, Add	*51.89*	
			For Stainless Steel, Add	*207.54*	
			For Seismic Hook And Eye, Add	*22.31*	
04 05 19 13-0369		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	168.47	
			For Hot-Dipped Galvanized, Add	*52.25*	
			For Stainless Steel, Add	*208.98*	
			For Seismic Hook And Eye, Add	*22.47*	
04 05 19 13-0370		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.45	
			For Hot-Dipped Galvanized, Add	*53.37*	
			For Stainless Steel, Add	*213.48*	
			For Seismic Hook And Eye, Add	*22.95*	
04 05 19 13-0371		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	187.93	
			For Hot-Dipped Galvanized, Add	*54.99*	
			For Stainless Steel, Add	*219.96*	
			For Seismic Hook And Eye, Add	*23.65*	
04 05 19 13-0372		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	195.93	
			For Hot-Dipped Galvanized, Add	*56.67*	
			For Stainless Steel, Add	*226.66*	
			For Seismic Hook And Eye, Add	*24.37*	
04 05 19 13-0373		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	203.28	
			For Hot-Dipped Galvanized, Add	*58.73*	
			For Stainless Steel, Add	*234.90*	
			For Seismic Hook And Eye, Add	*25.25*	

04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0375		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	186.40	
			For Hot-Dipped Galvanized, Add	*64.12*	
			For Stainless Steel, Add	*256.46*	
			For Seismic Hook And Eye, Add	*27.57*	
04 05 19 13-0376		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	193.20	
			For Hot-Dipped Galvanized, Add	*64.61*	
			For Stainless Steel, Add	*258.44*	
			For Seismic Hook And Eye, Add	*27.78*	
04 05 19 13-0377		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	203.99	
			For Hot-Dipped Galvanized, Add	*65.64*	
			For Stainless Steel, Add	*262.56*	
			For Seismic Hook And Eye, Add	*28.23*	
04 05 19 13-0378		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	212.31	
			For Hot-Dipped Galvanized, Add	*67.18*	
			For Stainless Steel, Add	*268.72*	
			For Seismic Hook And Eye, Add	*28.89*	
04 05 19 13-0379		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	220.28	
			For Hot-Dipped Galvanized, Add	*68.84*	
			For Stainless Steel, Add	*275.36*	
			For Seismic Hook And Eye, Add	*29.60*	
04 05 19 13-0380		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	227.16	
			For Hot-Dipped Galvanized, Add	*70.67*	
			For Stainless Steel, Add	*282.66*	
			For Seismic Hook And Eye, Add	*30.39*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0381			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0382	CLF		#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	201.18	
			For Hot-Dipped Galvanized, Add	*71.51*	
			For Stainless Steel, Add	*286.02*	
			For Seismic Hook And Eye, Add	*30.75*	
04 05 19 13-0383	CLF		#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	208.09	
			For Hot-Dipped Galvanized, Add	*72.06*	
			For Stainless Steel, Add	*288.22*	
			For Seismic Hook And Eye, Add	*30.98*	
04 05 19 13-0384	CLF		#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	220.82	
			For Hot-Dipped Galvanized, Add	*74.06*	
			For Stainless Steel, Add	*296.22*	
			For Seismic Hook And Eye, Add	*31.84*	
04 05 19 13-0385	CLF		#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	231.28	
			For Hot-Dipped Galvanized, Add	*76.67*	
			For Stainless Steel, Add	*306.66*	
			For Seismic Hook And Eye, Add	*32.97*	
04 05 19 13-0386	CLF		#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	242.52	
			For Hot-Dipped Galvanized, Add	*79.96*	
			For Stainless Steel, Add	*319.84*	
			For Seismic Hook And Eye, Add	*34.38*	
04 05 19 13-0387	CLF		#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	253.07	
			For Hot-Dipped Galvanized, Add	*83.62*	
			For Stainless Steel, Add	*334.48*	
			For Seismic Hook And Eye, Add	*35.96*	
04 05 19 13-0388			Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0389			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*		
04 05 19 13-0390	CLF		#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.63	
			For Hot-Dipped Galvanized, Add	*54.33*	
			For Stainless Steel, Add	*217.30*	
			For Seismic Hook And Eye, Add	*23.36*	
04 05 19 13-0391	CLF		#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	182.12	
			For Hot-Dipped Galvanized, Add	*54.71*	
			For Stainless Steel, Add	*218.82*	
			For Seismic Hook And Eye, Add	*23.52*	
04 05 19 13-0392	CLF		#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	189.76	
			For Hot-Dipped Galvanized, Add	*55.91*	
			For Stainless Steel, Add	*223.62*	
			For Seismic Hook And Eye, Add	*24.04*	
04 05 19 13-0393	CLF		#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	197.84	
			For Hot-Dipped Galvanized, Add	*57.62*	
			For Stainless Steel, Add	*230.48*	
			For Seismic Hook And Eye, Add	*24.78*	
04 05 19 13-0394	CLF		#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	205.03	
			For Hot-Dipped Galvanized, Add	*59.60*	
			For Stainless Steel, Add	*238.40*	
			For Seismic Hook And Eye, Add	*25.63*	
04 05 19 13-0395			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*		
04 05 19 13-0396	CLF		#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	198.99	
			For Hot-Dipped Galvanized, Add	*67.51*	
			For Stainless Steel, Add	*270.02*	
			For Seismic Hook And Eye, Add	*29.03*	
04 05 19 13-0397	CLF		#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	208.56	
			For Hot-Dipped Galvanized, Add	*67.93*	
			For Stainless Steel, Add	*271.70*	
			For Seismic Hook And Eye, Add	*29.21*	
04 05 19 13-0398	CLF		#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	216.12	
			For Hot-Dipped Galvanized, Add	*69.09*	
			For Stainless Steel, Add	*276.34*	
			For Seismic Hook And Eye, Add	*29.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	223.89	
		For Hot-Dipped Galvanized, Add	*70.65*	
		For Stainless Steel, Add	*282.58*	
		For Seismic Hook And Eye, Add	*30.38*	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	230.32	
		For Hot-Dipped Galvanized, Add	*72.25*	
		For Stainless Steel, Add	*288.98*	
		For Seismic Hook And Eye, Add	*31.07*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	211.79	
		For Hot-Dipped Galvanized, Add	*73.91*	
		For Stainless Steel, Add	*295.62*	
		For Seismic Hook And Eye, Add	*31.78*	
04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	221.59	
		For Hot-Dipped Galvanized, Add	*74.44*	
		For Stainless Steel, Add	*297.76*	
		For Seismic Hook And Eye, Add	*32.01*	
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	230.86	
		For Hot-Dipped Galvanized, Add	*76.46*	
		For Stainless Steel, Add	*305.82*	
		For Seismic Hook And Eye, Add	*32.88*	
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	240.69	
		For Hot-Dipped Galvanized, Add	*79.05*	
		For Stainless Steel, Add	*316.18*	
		For Seismic Hook And Eye, Add	*33.99*	
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	250.51	
		For Hot-Dipped Galvanized, Add	*82.34*	
		For Stainless Steel, Add	*329.36*	
		For Seismic Hook And Eye, Add	*35.41*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.37
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.46
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.54
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.64
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.75
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.54
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.64
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.75
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.85

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.22
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.26
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.29
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.35
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.41
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.29
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.35
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.41
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.46

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.23
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.27
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.43
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.49
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.51
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.61
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.72
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.79

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.11
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.27	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.29	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.35	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.41	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.48	
04 05 19 16-0041		Wire Beam Ties *(04 05 19 16)*		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.64	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.67	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.71	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.74	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.81	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.94	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.02	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.12	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.16	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.23	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.81	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.89	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.92	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.98	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.01	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.54	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.59	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.61	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.65	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.67	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.20	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.28	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.36	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.45	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.53	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.27	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.36	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.45	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.54	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.63	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.90	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.96	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.02	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.08	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.14	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.95	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.02	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.08	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.15	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.22	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.11	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.18	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.20	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.23	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0097		**Mill Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.14	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.15	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.17	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.36	
04 05 19 16-0102		**Stainless Steel, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.47	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.54	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.60	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.67	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	2.01	
04 05 19 16-0108		**Wire Mesh Wall Ties** *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.22	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.70	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.19	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.09	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.83	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.72	
04 05 19 16-0115		**Triangle Brick Ties** *(04 05 19 16)*		
04 05 19 16-0116		**Hot-Dipped Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.96	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.00	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.04	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.12	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.16	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.28	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.36	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.54	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.34	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.37	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.40	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.48	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.50	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.61	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.67	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.87	
04 05 19 16-0133		**Mill Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.78	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.80	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.81	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.87	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.88	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.96	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.99	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.05	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.03	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.05	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.12	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.14	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.23	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.27	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.37	
04 05 19 16-0150		**Seismic Veneer Anchors** *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	6.45	
04 05 19 16-0152		**Slip-Set, Joint Stabilization Anchors** *(04 05 19 16)*		
		Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	6.48	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	7.03	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.45	
04 05 19 16-0156		**Strap Partition Top Anchors** *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	3.73	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0159		Rigid Partition Anchors *(04 05 19 16)*		
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.81	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.04	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.33	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.60	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.86	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.12	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.86	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.69	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.53	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.37	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.21	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	8.05	
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.58	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.78	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.99	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.19	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.39	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.60	
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.81	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.91	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*		
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.18	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.32	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.42	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.56	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.30	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.42	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.51	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.60	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.91	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.16	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.31	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.54	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.16	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.31	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.45	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.61	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.93	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.02	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.07	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.16	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.97	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.06	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.11	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.18	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.47	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.63	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.70	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.86	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.40	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.67	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.77	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.86	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.26	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.67	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.91	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.03	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0226		**Mill Galvanized, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.44	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.96	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.08	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.26	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.38	
04 05 19 16-0232		**304 Stainless Steel, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.22	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.68	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.84	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.36	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.86	
04 05 19 16-0238		**316 Stainless Steel, Dovetail Anchor Slot** *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.58	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.93	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.28	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.73	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.99	
04 05 19 16-0244		**Dovetail Corrugated Brick Ties** *(04 05 19 16-0218)*		
04 05 19 16-0245		**Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie** *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.43	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.56	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.69	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.46	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.71	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.90	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.53	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.70	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.87	
04 05 19 16-0255		**Mill Galvanized, Dovetail Corrugated Brick Tie** *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.31	
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.39	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.47	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.38	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.54	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.67	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.40	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.60	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.74	
04 05 19 16-0265		**Dovetail Stone Anchors** *(04 05 19 16-0218)*		
04 05 19 16-0266		**Hot-Dipped Galvanized, Dovetail Stone Anchors** *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.71	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.85	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.98	
04 05 19 16-0270		**Dovetail Partition Top Anchors** *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	3.89	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	7.29	
04 05 19 16-0273		**Dovetail Flexible Triangle Brick Ties** *(04 05 19 16-0218)*		
04 05 19 16-0274		**Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties** *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.54	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.71	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.84	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.95	
04 05 19 16-0279		**Mill Galvanized, Dovetail Flexible Triangle Brick Ties** *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.29	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.31	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.38	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.58	

04 05 19 26 Masonry Reinforcing Bars *(04 05 19)*

Note: Includes cutting and bending.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0001			**Plain Steel Masonry Reinforcement Bar** *(04 05 19 26)*		
04 05 19 26-0002		LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.13	
04 05 19 26-0003		LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.86	
04 05 19 26-0004		LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.64	
04 05 19 26-0005		LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	3.48	
04 05 19 26-0006		LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.15	
04 05 19 26-0007		LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.89	
04 05 19 26-0008		LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.70	
04 05 19 26-0009		LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	3.56	
04 05 19 26-0010		LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.18	
04 05 19 26-0011		LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.95	
04 05 19 26-0012		LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.78	
04 05 19 26-0013		LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	3.67	
04 05 19 26-0014		LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.33	
04 05 19 26-0015		LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.15	
04 05 19 26-0016		LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.04	
04 05 19 26-0017		LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.98	
04 05 19 26-0018		LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.35	
04 05 19 26-0019		LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.18	
04 05 19 26-0020		LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.10	
04 05 19 26-0021		LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	4.06	
04 05 19 26-0022		LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.38	
04 05 19 26-0023		LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.24	
04 05 19 26-0024		LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.18	
04 05 19 26-0025		LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	4.17	
04 05 19 26-0026			**Galvanized Steel Masonry Reinforcement Bar** *(04 05 19 26)*		
04 05 19 26-0027		LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.33	
04 05 19 26-0028		LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.21	
04 05 19 26-0029		LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.19	
04 05 19 26-0030		LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.27	
04 05 19 26-0031		LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.35	
04 05 19 26-0032		LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.25	
04 05 19 26-0033		LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.25	
04 05 19 26-0034		LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.35	
04 05 19 26-0035		LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.37	
04 05 19 26-0036		LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.30	
04 05 19 26-0037		LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.33	
04 05 19 26-0038		LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.46	
04 05 19 26-0039		LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.53	
04 05 19 26-0040		LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.50	
04 05 19 26-0041		LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.59	
04 05 19 26-0042		LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.77	
04 05 19 26-0043		LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.55	
04 05 19 26-0044		LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.54	
04 05 19 26-0045		LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.65	
04 05 19 26-0046		LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.85	
04 05 19 26-0047		LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.57	
04 05 19 26-0048		LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.59	
04 05 19 26-0049		LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.73	
04 05 19 26-0050		LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.96	
04 05 19 26-0051			**Epoxy-Coated Masonry Reinforcement Bar** *(04 05 19 26)*		
04 05 19 26-0052		LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.30	
04 05 19 26-0053		LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.17	
04 05 19 26-0054		LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.13	
04 05 19 26-0055		LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.18	
04 05 19 26-0056		LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.32	
04 05 19 26-0057		LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.21	
04 05 19 26-0058		LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.19	
04 05 19 26-0059		LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.26	
04 05 19 26-0060		LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.35	
04 05 19 26-0061		LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.26	
04 05 19 26-0062		LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.27	
04 05 19 26-0063		LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.38	
04 05 19 26-0064		LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.50	
04 05 19 26-0065		LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.46	
04 05 19 26-0066		LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.53	
04 05 19 26-0067		LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.68	
04 05 19 26-0068		LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.52	
04 05 19 26-0069		LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.50	
04 05 19 26-0070		LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.59	
04 05 19 26-0071		LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.76	
04 05 19 26-0072		LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.55	
04 05 19 26-0073		LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.55	
04 05 19 26-0074		LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.67	
04 05 19 26-0075		LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control and Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	6.26	1.04
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	6.09	1.04
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	12.75	1.04

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.87	1.04
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.01	1.04
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.06	1.04
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.61	1.04
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.31	1.04

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.40	2.00
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.36	2.00
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.02	2.00
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.36	2.00

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.34	2.00
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.20	2.00
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.26	2.00
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.09	2.00

04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.62	2.00
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.81	2.00
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.54	2.00
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.13	2.00

04 05 23 16-0017 Stainless Steel Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0018 Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*

04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.70	1.87

04 05 23 16-0020 Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.07	2.18
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.27	2.18
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.51	2.18
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.28	2.18

04 05 23 16-0025 Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0026 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*

04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.96	1.87
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.67	1.87
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.62	1.87
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.34	1.87
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.06	1.87

04 05 23 16-0032 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*

04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.66	1.87
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.28	1.87
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.53	1.87
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.59	1.87
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.81	1.87

04 05 23 16-0038 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*

04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.04	1.87
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.76	1.87
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.69	1.87
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.41	1.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.14	1.87
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.13	1.87
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.00	1.87
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.26	1.87
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.90	1.87
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.00	1.87
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.02	1.87
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.62	1.87
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.51	1.87
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	11.84	1.87

04 05 23 19 Masonry Cavity Drainage, Weepholes, and Vents *(04 05 23)*

04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)*	
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.	
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	82.02
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	102.01
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	129.26
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	101.51
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	125.78
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	159.79
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	120.74
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	164.60
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	202.18
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	166.10
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	216.69
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	267.74

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001		Brick Masonry *(04 21 13)*	
04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond	26.18
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	
		For Buff Or Gray, Add	*0.94*
		For Common Or American Bond, Add	*0.82*
		For English Bond, Add	*1.64*
		For Flemish Bond, Add	*3.36*
		For Stacked Bond, Add	*2.34*
		For <10, Small Area Replacements (Individual Areas), Add	*31.08*
		For Curved Wall, Add	*4.11*
		For Corbels, Add	*15.40*
		For Severe Weather (SW) Brick, Add	*0.85*
		For Glazed Brick, Add	*19.78*
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond	27.07
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)	
		For Buff Or Gray, Add	*1.17*
		For Common Or American Bond, Add	*0.80*
		For English Bond, Add	*1.61*
		For Flemish Bond, Add	*3.36*
		For Stacked Bond, Add	*2.36*
		For <10, Small Area Replacements (Individual Areas), Add	*30.46*
		For Curved Wall, Add	*4.01*
		For Corbels, Add	*15.05*
		For Severe Weather (SW) Brick, Add	*1.05*
		For Glazed Brick, Add	*24.50*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond	26.18	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
		For Buff Or Gray, Add	*0.94*	
		For Common Or American Bond, Add	*0.82*	
		For English Bond, Add	*1.64*	
		For Flemish Bond, Add	*3.36*	
		For Stacked Bond, Add	*2.34*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.08*	
		For Curved Wall, Add	*4.11*	
		For Corbels, Add	*15.40*	
		For Severe Weather (SW) Brick, Add	*0.85*	
		For Glazed Brick, Add	*19.78*	
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond	27.07	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
		For Buff Or Gray, Add	*1.17*	
		For Common Or American Bond, Add	*0.80*	
		For English Bond, Add	*1.61*	
		For Flemish Bond, Add	*3.36*	
		For Stacked Bond, Add	*2.36*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.46*	
		For Curved Wall, Add	*4.01*	
		For Corbels, Add	*15.05*	
		For Severe Weather (SW) Brick, Add	*1.05*	
		For Glazed Brick, Add	*24.50*	
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond	26.89	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.14*	
		For Common Or American Bond, Add	*0.80*	
		For English Bond, Add	*1.61*	
		For Flemish Bond, Add	*3.35*	
		For Stacked Bond, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.45*	
		For Curved Wall, Add	*4.01*	
		For Corbels, Add	*15.05*	
		For Severe Weather (SW) Brick, Add	*1.02*	
		For Glazed Brick, Add	*23.87*	
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond	19.85	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
		For Buff Or Gray, Add	*0.97*	
		For Common Or American Bond, Add	*0.56*	
		For English Bond, Add	*1.12*	
		For Flemish Bond, Add	*2.39*	
		For Stacked Bond, Add	*1.69*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.32*	
		For Curved Wall, Add	*2.80*	
		For Corbels, Add	*10.52*	
		For Severe Weather (SW) Brick, Add	*0.87*	
		For Glazed Brick, Add	*20.41*	
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond	18.11	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	*0.68*	
		For Common Or American Bond, Add	*0.56*	
		For English Bond, Add	*1.12*	
		For Flemish Bond, Add	*2.31*	
		For Stacked Bond, Add	*1.61*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.23*	
		For Curved Wall, Add	*2.80*	
		For Corbels, Add	*10.52*	
		For Severe Weather (SW) Brick, Add	*0.61*	
		For Glazed Brick, Add	*14.32*	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond	27.42	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.23*	
		For Common Or American Bond, Add	*0.80*	
		For English Bond, Add	*1.61*	
		For Flemish Bond, Add	*3.38*	
		For Stacked Bond, Add	*2.37*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.47*	
		For Curved Wall, Add	*4.01*	
		For Corbels, Add	*15.05*	
		For Severe Weather (SW) Brick, Add	*1.10*	
		For Glazed Brick, Add	*25.73*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond	28.97	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
		For Buff Or Gray, Add	*1.48*	
		For Common Or American Bond, Add	*0.80*	
		For English Bond, Add	*1.61*	
		For Flemish Bond, Add	*3.46*	
		For Stacked Bond, Add	*2.45*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.55*	
		For Curved Wall, Add	*4.01*	
		For Corbels, Add	*15.05*	
		For Severe Weather (SW) Brick, Add	*1.34*	
		For Glazed Brick, Add	*31.15*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0012	SF	Running Bond, Red Fire Brick	30.52	
		For Buff Or Gray, Add	*1.74*	
		For Common Or American Bond, Add	*0.80*	
		For English Bond, Add	*1.61*	
		For Flemish Bond, Add	*3.53*	
		For Stacked Bond, Add	*2.53*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.63*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	23.81	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	24.01	
		For Buff Or Gray, Add	*0.32*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	23.81	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	24.15	
		For Buff Or Gray, Add	*0.34*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	25.05	
		For Buff Or Gray, Add	*0.49*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	25.23	
		For Buff Or Gray, Add	*0.52*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	25.23	
		For Buff Or Gray, Add	*0.52*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	24.27	
		For Buff Or Gray, Add	*0.36*	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	24.36	
		For Buff Or Gray, Add	*0.38*	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.19	
		For Smooth Face, One Side, Add	*1.50*	
		For Smooth Face, Two Sides, Add	*2.52*	
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.28	
		For Smooth Face, One Side, Add	*1.66*	
		For Smooth Face, Two Sides, Add	*2.80*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	29.46	
		For Smooth Face, One Side, Add	*1.93*	
		For Smooth Face, Two Sides, Add	*3.27*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	40.42	
		For Smooth Face, One Side, Add	*2.96*	
		For Smooth Face, Two Sides, Add	*5.12*	
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	53.07	
		For Smooth Face, One Side, Add	*4.13*	
		For Smooth Face, Two Sides, Add	*7.19*	

04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0009	SF	3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.28	
		For Smooth Face, One Side, Add	*1.21*	
		For Smooth Face, Two Sides, Add	*2.02*	
04 21 19 00-0010	SF	4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.23	
		For Smooth Face, One Side, Add	*1.57*	
		For Smooth Face, Two Sides, Add	*2.66*	
04 21 19 00-0011	SF	6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.88	
		For Smooth Face, One Side, Add	*1.59*	
		For Smooth Face, Two Sides, Add	*2.69*	
04 21 19 00-0012	SF	8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	37.89	
		For Smooth Face, One Side, Add	*2.83*	
		For Smooth Face, Two Sides, Add	*4.89*	
04 21 19 00-0013	SF	12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	51.59	
		For Smooth Face, One Side, Add	*4.08*	
		For Smooth Face, Two Sides, Add	*7.13*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	33.78	
		For Stacked Bond, Add	*2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	37.90	
		For Stacked Bond, Add	*2.19*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	46.38	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0006		Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	35.30	
		For Stacked Bond, Add	*2.59*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	42.17	
		For Stacked Bond, Add	*2.59*	
04 21 26 00-0009		8W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0010		Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	26.59	
		For Stacked Bond, Add	*1.40*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	33.11	
		For Stacked Bond, Add	*1.50*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	45.84	
		For Stacked Bond, Add	*1.60*	
04 21 26 00-0014		Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	36.38	
		For Stacked Bond, Add	*1.79*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	36.32	
		For Stacked Bond, Add	*1.79*	
04 21 26 00-0017		4W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0018		Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	35.33	
		For Stacked Bond, Add	*2.19*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	37.39	
		For Stacked Bond, Add	*2.19*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	46.63	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0022		Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	36.56	
		For Stacked Bond, Add	*2.59*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	42.06	
		For Stacked Bond, Add	*2.59*	
04 21 26 00-0025		6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	36.53	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	39.47	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	46.07	
04 21 26 00-0029		8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	40.74	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	46.00	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	54.58	
04 21 29		**Terra Cotta Masonry** ***(04 21)***		
04 21 29 00-0001		Coping *(04 21 29)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002	SF	Terra Cotta Coping	113.60	42.23
		For Smooth Tile Instead Of Scored, Add	*3.79*	
		For Reinforcing With Steel Rods, Add	*7.79*	
04 21 29 00-0003		Partition Or Back Up (Scored) *(04 21 29)*		
04 21 29 00-0004		Non-load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0005	SF	3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	28.34	
		For Smooth Tile Instead Of Scored, Add	*3.73*	
		For Reinforcing With Steel Rods, Add	*3.49*	
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	30.05	
		For Smooth Tile Instead Of Scored, Add	*3.90*	
		For Reinforcing With Steel Rods, Add	*3.67*	
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	38.91	
		For Smooth Tile Instead Of Scored, Add	*5.33*	
		For Reinforcing With Steel Rods, Add	*4.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	47.69	
		For Smooth Tile Instead Of Scored, Add	*6.70*	
		For Reinforcing With Steel Rods, Add	*6.11*	

04 21 29 00-0009 Load Bearing, 12" x 12" *(04 21 29 00-0003)*

04 21 29 00-0010 In Walls *(04 21 29 00-0009)*

04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	31.96	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.96*	
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	43.25	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.56*	
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	51.92	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.74*	
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	54.37	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.96*	
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	65.36	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.41*	

04 21 29 00-0016 In Floors *(04 21 29 00-0009)*

04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	29.17	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.82*	
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	40.15	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.40*	
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	48.74	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.58*	
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	50.78	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.78*	
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	60.70	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.18*	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	12.65	
		For Stacked Bond, Add	*2.75*	
		For Scored Block, Add	*0.41*	
		For Curved Wall Application, Add	*2.12*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.04*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	14.08	
		For Stacked Bond, Add	*2.98*	
		For Scored Block, Add	*0.52*	
		For Curved Wall Application, Add	*2.29*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.40*	
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	15.25	
		For Stacked Bond, Add	*3.20*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.46*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.69*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	16.80	
		For Stacked Bond, Add	*3.35*	
		For Scored Block, Add	*0.78*	
		For Curved Wall Application, Add	*2.58*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.61*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	20.08	
		For Stacked Bond, Add	*4.13*	
		For Scored Block, Add	*0.84*	
		For Curved Wall Application, Add	*3.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.12*	

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	13.61	
		For Stacked Bond, Add	*2.83*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.51*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	14.93	
		For Stacked Bond, Add	*3.11*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.39*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.16*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	15.76	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.27*	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	17.54	
		For Stacked Bond, Add	*3.46*	
		For Scored Block, Add	*0.85*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.25*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	20.94	
		For Stacked Bond, Add	*4.26*	
		For Scored Block, Add	*0.91*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.94*	
04 22 23 13-0015		Normal Weight Concrete Blocks *(04 22 23 13-0001)*		
04 22 23 13-0016		Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*		
04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	12.93	
		For Stacked Bond, Add	*2.83*	
		For Scored Block, Add	*0.41*	
		For Curved Wall Application, Add	*2.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.46*	
		For 3,500 PSI, Add	*0.43*	
		For 5,000 PSI, Add	*0.74*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	14.31	
		For Stacked Bond, Add	*3.11*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.39*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.12*	
		For 3,500 PSI, Add	*0.49*	
		For 5,000 PSI, Add	*0.85*	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	15.40	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.54*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.24*	
		For 3,500 PSI, Add	*0.57*	
		For 5,000 PSI, Add	*0.98*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	18.52	
		For Stacked Bond, Add	*3.46*	
		For Scored Block, Add	*1.05*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.33*	
		For 3,500 PSI, Add	*1.10*	
		For 5,000 PSI, Add	*1.88*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	21.79	
		For Stacked Bond, Add	*4.26*	
		For Scored Block, Add	*1.08*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.00*	
		For 3,500 PSI, Add	*1.13*	
		For 5,000 PSI, Add	*1.94*	
04 22 23 13-0022		Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*		
04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	13.78	
		For Stacked Bond, Add	*2.90*	
		For Scored Block, Add	*0.52*	
		For Curved Wall Application, Add	*2.23*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.95*	
		For 3,500 PSI, Add	*0.55*	
		For 5,000 PSI, Add	*0.94*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	14.73	
		For Stacked Bond, Add	*3.20*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.46*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.65*	
		For 3,500 PSI, Add	*0.51*	
		For 5,000 PSI, Add	*0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	15.89	
		For Stacked Bond, Add	*3.40*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.83*	
		For 3,500 PSI, Add	*0.59*	
		For 5,000 PSI, Add	*1.01*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	17.48	
		For Stacked Bond, Add	*3.57*	
		For Scored Block, Add	*0.75*	
		For Curved Wall Application, Add	*2.74*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.86*	
		For 3,500 PSI, Add	*0.79*	
		For 5,000 PSI, Add	*1.35*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	20.89	
		For Stacked Bond, Add	*4.41*	
		For Scored Block, Add	*0.78*	
		For Curved Wall Application, Add	*3.39*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.75*	
		For 3,500 PSI, Add	*0.82*	
		For 5,000 PSI, Add	*1.41*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	14.69	
		For Stacked Bond, Add	*2.98*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.96*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*2.29*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	16.20	
		For Stacked Bond, Add	*3.20*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.05*	
		For Scored Block, Add	*0.78*	
		For Curved Wall Application, Add	*2.46*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	20.01	
		For Stacked Bond, Add	*4.13*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.08*	
		For Scored Block, Add	*0.83*	
		For Curved Wall Application, Add	*3.17*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	14.72	
		For Stacked Bond, Add	*3.11*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.74*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.39*	
		For 3,500 PSI, Add	*0.58*	
		For 5,000 PSI, Add	*0.99*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.12	
		For Stacked Bond, Add	*3.30*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.78*	
		For Scored Block, Add	*0.69*	
		For Curved Wall Application, Add	*2.54*	
		For 3,500 PSI, Add	*0.72*	
		For 5,000 PSI, Add	*1.23*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	20.08	
		For Stacked Bond, Add	*4.26*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.88*	
		For Scored Block, Add	*0.74*	
		For Curved Wall Application, Add	*3.28*	
		For 3,500 PSI, Add	*0.77*	
		For 5,000 PSI, Add	*1.32*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	16.59	
		For Stacked Bond, Add	*3.46*	
		For Scored Block, Add	*0.66*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.18*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	18.71	
		For Stacked Bond, Add	*3.89*	
		For Scored Block, Add	*0.75*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.71*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	20.24	
		For Stacked Bond, Add	*4.11*	
		For Scored Block, Add	*0.89*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	21.64	
		For Stacked Bond, Add	*4.35*	
		For Scored Block, Add	*0.98*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.48*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	25.86	
		For Stacked Bond, Add	*5.33*	
		For Scored Block, Add	*1.07*	
		For Curved Wall Application, Add	*4.10*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.15*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	22.40	
		For Stacked Bond, Add	*3.46*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.62*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	25.11	
		For Stacked Bond, Add	*3.75*	
		For Curved Wall Application, Add	*2.89*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.45*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	28.96	
		For Stacked Bond, Add	*4.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.69*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Split Face, Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.98	
		For Stacked Bond, Add	*3.46*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.21*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	19.16	
		For Stacked Bond, Add	*3.89*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.74*	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.77	
		For Stacked Bond, Add	*4.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.07*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	22.26	
		For Stacked Bond, Add	*4.35*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.52*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	26.22	
		For Stacked Bond, Add	*5.33*	
		For Curved Wall Application, Add	*4.10*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.18*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.90	
		For Stacked Bond, Add	*3.46*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.26*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.28*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	20.22	
		For Stacked Bond, Add	*3.89*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.75*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.82*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	22.01	
		For Stacked Bond, Add	*4.11*	
		For Grout And Fill With 2 #5 Rebar, Add	*14.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.17*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	23.64	
		For Stacked Bond, Add	*4.35*	
		For Grout And Fill With 2 #5 Rebar, Add	*15.27*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.63*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	27.66	
		For Stacked Bond, Add	*5.33*	
		For Grout And Fill With 2 #5 Rebar, Add	*17.41*	
		For Curved Wall Application, Add	*4.10*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.29*	

04 22 23 29-0014 Split Rib, Concrete Block *(04 22 23 29)*

04 22 23 29-0015 Split Rib, Concrete Block *(04 22 23 29-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	16.69	
		For Stacked Bond, Add	*3.46*	
		For Curved Wall Application, Add	*2.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.19*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	19.85	
		For Stacked Bond, Add	*3.89*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.79*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	21.13	
		For Stacked Bond, Add	*4.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.10*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	22.55	
		For Stacked Bond, Add	*4.35*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.55*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	26.87	
		For Stacked Bond, Add	*5.33*	
		For Curved Wall Application, Add	*4.10*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.23*	

04 22 23 31 Glazed Concrete Masonry Unit *(04 22 23)*

04 22 23 31-0001 One Glazed Face, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0002 One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*

04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	29.21	
		For Stacked Bond, Add	*3.35*	
		For Curved Wall Application, Add	*2.58*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.54*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	31.29	
		For Stacked Bond, Add	*3.69*	
		For Curved Wall Application, Add	*2.84*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.57*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	33.13	
		For Stacked Bond, Add	*3.89*	
		For Curved Wall Application, Add	*2.99*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.79*	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	35.10	
		For Stacked Bond, Add	*4.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.15*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	39.53	
		For Stacked Bond, Add	*5.02*	
		For Curved Wall Application, Add	*3.86*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.45*	

04 22 23 31-0008 Two Glazed Faces, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	38.94	
		For Stacked Bond, Add	*3.82*	
		For Curved Wall Application, Add	*2.94*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.85*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	40.85	
		For Stacked Bond, Add	*4.11*	
		For Curved Wall Application, Add	*3.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.58*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	43.57	
		For Stacked Bond, Add	*4.53*	
		For Curved Wall Application, Add	*3.49*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.12*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	92.55	
		For Solar Reflective (Suntrol) Blocks, Add	*20.53*	
		For Essex (Horizontal Striated) Blocks, Add	*11.73*	
		For Sculptured Or Patterned Blocks, Add	*20.53*	
		For Colored Glass, Add	*58.67*	
		For Thinline Block, Deduct	*-14.67*	
		For >1,000 To 5,000, Deduct	*-6.30*	
		For >5,000, Deduct	*-10.91*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	66.44	
		For Solar Reflective (Suntrol) Blocks, Add	*14.54*	
		For Essex (Horizontal Striated) Blocks, Add	*8.31*	
		For Sculptured Or Patterned Blocks, Add	*14.54*	
		For Colored Glass, Add	*41.53*	
		For Thinline Block, Deduct	*-10.38*	
		For >1,000 To 5,000, Deduct	*-4.55*	
		For >5,000, Deduct	*-7.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	75.99	
		For Solar Reflective (Suntrol) Blocks, Add	*18.57*	
		For Essex (Horizontal Striated) Blocks, Add	*10.61*	
		For Sculptured Or Patterned Blocks, Add	*18.57*	
		For Colored Glass, Add	*53.06*	
		For Thinline Block, Deduct	*-13.27*	
		For >1,000 To 5,000, Deduct	*-4.93*	
		For >5,000, Deduct	*-8.72*	
04 23 13 00-0005		Solid Glass Block (Vistabrik®) *(04 23 13)*		
04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	970.28	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	733.17	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	498.87	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	348.83	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001		Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*		
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	26.84	7.92
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	27.31	7.92

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels for Curtain Walls *(04 42)*

04 42 43 00-0001		Marble Facing Panels *(04 42 43)*		
		Note: 3' x 1.5'		
04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	60.04	18.04
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	62.74	18.28
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	70.62	18.62
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	76.62	19.20
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	81.57	20.37
04 42 43 00-0007	CF	Marble Face Panel	328.72	66.35
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)*		
		Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	61.36	36.21
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	65.01	37.95
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	68.84	39.69
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	79.44	43.65
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	69.86	37.95
04 42 43 00-0015	SF	4" Thick Sandstone Panels	76.98	43.65
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	71.22	43.65

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001		Marble *(04 43 16)*		
04 43 16 00-0002		Marble Base *(04 43 16 00-0001)*		
		Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	107.26	72.47
04 43 16 00-0004	LF	6" High Marble Base	119.95	78.96
04 43 16 00-0005		Marble Columns *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	242.72	66.35
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	369.06	66.35
04 43 16 00-0008		Marble Flooring *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	28.09	16.60
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	29.49	16.60
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	34.88	18.95
04 43 16 00-0012		Marble Items *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	65.11	26.11
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	50.11	20.93
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	31.63	15.51
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	55.51	19.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks	38.55	24.06
04 43 16 00-0018		Limestone *(04 43 16)*		
04 43 16 00-0019		Ashlar Veneer Limestone *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	60.70	26.11
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	91.68	35.88
04 43 16 00-0022		Limestone Coping *(04 43 16 00-0018)*		
		Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	29.73	9.31
04 43 16 00-0024	SF	3" Thick Limestone Coping	33.12	9.89
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	36.51	10.47
04 43 16 00-0026	SF	4" Thick Limestone Coping	38.73	10.83
04 43 16 00-0027	SF	5" Thick Limestone Coping	44.33	11.06
04 43 16 00-0028	SF	6" Thick Limestone Coping	63.00	11.64
04 43 16 00-0029	CF	>6" Thick Limestone Coping	103.59	23.56
04 43 16 00-0030		Limestone Stair Treads *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	36.27	8.73
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	38.48	9.31
04 43 16 00-0033	SF	3" Thick Limestone Treads	42.93	9.89
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	46.20	10.47
04 43 16 00-0035	SF	4" Thick Limestone Treads	49.48	10.47
04 43 16 00-0036	SF	5" Thick Limestone Treads	53.69	11.06
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	72.65	11.64
04 43 16 00-0038		Limestone Items *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	186.57	88.39
04 43 16 00-0040		Granite *(04 43 16)*		
04 43 16 00-0041		Polished Granite Veneer Facing Panels *(04 43 16 00-0040)*		
		Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	121.63	36.44
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	110.07	36.44
04 43 16 00-0044		Granite Stair Treads *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	71.40	8.73
04 43 16 00-0046		Slate *(04 43 16)*		
04 43 16 00-0047		Slate Panels Or Sills *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	63.15	36.44
04 43 16 00-0049	SF	2" Thick Slate Panels	72.62	36.44
04 43 16 00-0050		Slate Sills Or Stools *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	28.56	15.61
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	34.58	15.61
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	33.73	15.61
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	46.65	15.61
04 43 16 00-0055		Slate Stair Treads *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	42.12	8.73

04 50 Refractory Masonry *(04)*

04 51 Flue Liner Masonry *(04 50)*

Note: Includes mortar joints.

04 51 00 00-0001		Rectangular Flue Liners *(04 51)*		
04 51 00 00-0002	VLF	4" x 8" Clay Flue Liners	20.56	
04 51 00 00-0003	VLF	8" x 8" Clay Flue Liners	28.49	
04 51 00 00-0004	VLF	8" x 12" Clay Flue Liners	32.44	
04 51 00 00-0005	VLF	12" x 12" Clay Flue Liners	40.41	
04 51 00 00-0006	VLF	12" x 16" Clay Flue Liners	49.46	
04 51 00 00-0007	VLF	12" x 18" Clay Flue Liners	56.31	
04 51 00 00-0008	VLF	16" x 16" Clay Flue Liners	61.37	
04 51 00 00-0009	VLF	16" x 20" Clay Flue Liners	75.90	
04 51 00 00-0010	VLF	18" x 18" Clay Flue Liners	81.10	
04 51 00 00-0011	VLF	20" x 20" Clay Flue Liners	104.65	
04 51 00 00-0012	VLF	20" x 24" Clay Flue Liners	114.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 51 00 00-0013	VLF	24" x 24" Clay Flue Liners	135.32	
04 51 00 00-0014		**Round Flue Liners** *(04 51)*		
04 51 00 00-0015	VLF	6" Diameter Clay Flue Liners	50.56	
04 51 00 00-0016	VLF	8" Diameter Clay Flue Liners	73.90	
04 51 00 00-0017	VLF	10" Diameter Clay Flue Liners	97.39	
04 51 00 00-0018	VLF	12" Diameter Clay Flue Liners	118.73	
04 51 00 00-0019	VLF	15" Diameter Clay Flue Liners	145.78	
04 51 00 00-0020	VLF	18" Diameter Clay Flue Liners	157.59	
04 51 00 00-0021	VLF	21" Diameter Clay Flue Liners	201.17	
04 51 00 00-0022	VLF	24" Diameter Clay Flue Liners	247.10	
04 51 00 00-0023	VLF	27" Diameter Clay Flue Liners	285.19	
04 51 00 00-0024	VLF	30" Diameter Clay Flue Liners	324.40	
04 51 00 00-0025	VLF	33" Diameter Clay Flue Liners	340.12	
04 51 00 00-0026	VLF	36" Diameter Clay Flue Liners	346.74	
04 51 00 00-0027		**Standard Chimney Block** *(04 51)* Note: Includes refractory mortar. Excludes flue liners.		
04 51 00 00-0028	EA	14" x 14" x 8" Concrete Block Chimney Unit	33.33	
04 51 00 00-0029	EA	14" x 18" x 8" Concrete Block Chimney Unit	36.58	
04 51 00 00-0030	EA	16" x 16" x 8" Concrete Block Chimney Unit	36.80	
04 51 00 00-0031	EA	17" x 17" x 8" Concrete Block Chimney Unit	38.63	
04 51 00 00-0032	EA	16" x 20" x 8" Concrete Block Chimney Unit	40.69	
04 51 00 00-0033	EA	17" x 21" x 8" Concrete Block Chimney Unit	42.89	
04 51 00 00-0034	EA	21" x 21" x 8" Concrete Block Chimney Unit	48.48	

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001		**Precast Concrete Lintels** *(04 72)*		
04 72 00 00-0002		**Solid Precast Concrete Lintels** *(04 72 00 00-0001)*		
04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	18.25	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	23.34	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	28.92	
04 72 00 00-0006		**U Shaped Precast Concrete Lintels** *(04 72 00 00-0001)* Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	19.55	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	23.78	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	39.37	
04 72 00 00-0010		**Precast Concrete Coping** *(04 72)* Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 72 00 00-0011		**Precast Concrete Coping** *(04 72 00 00-0010)* Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	53.77	12.76
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	60.34	13.75
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	69.53	14.73
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	74.63	15.71
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	79.78	16.70
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	94.55	17.68
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	107.58	18.66
04 72 00 00-0019		**Precast Concrete Window Sills** *(04 72)* Note: Includes caulk and ties.		
04 72 00 00-0020		**Precast Concrete Window Sills** *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	39.24	9.82
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	58.19	9.82
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	68.44	9.82

END OF SECTION 04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 01 Maintenance of Metals *(05)*

05 01 50 Maintenance of Metal Fabrications *(05 01)*

05 01 50 51 Cleaning of Metal Fabrications *(05 01 50)*

See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 50 61 Repair of Metal Fabrications *(05 01 50)*

See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 50 63 Refinishing of Metal Fabrications *(05 01 50)*

See CSI section 05 12 23 00-0143 for field applied cold galvanizing, 05 12 23 00-0145 for metal grinding.

05 01 70 Maintenance of Decorative Metal *(05 01)*

05 01 70 51 Cleaning of Decorative Metal *(05 01 70)*

See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 70 61 Repair of Decorative Metal *(05 01 70)*

See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 70 63 Refinishing of Decorative Metal *(05 01 70)*

See CSI section 05 12 23 00-0143 for field applied cold galvanizing, 05 12 23 00-0145 for metal grinding.

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*

Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.13	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.25	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.64	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.39*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.90	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.99	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.02	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.36	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.85*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.61	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.68	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.82	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.20	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.71	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.16	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.27	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.51	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.97	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.10*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.43	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.12*	
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.08	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.20	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.46*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.00	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.04*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.10	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.05*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.65	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.07*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.32	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.11*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.09	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.07*	
		For >100, Deduct	*-6.15*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.02	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.29*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.91	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.24*	
		For >100, Deduct	*-6.49*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	47.29	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.35*	
		For >100, Deduct	*-6.71*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	45.87	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.01*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	48.17	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.56*	
		For >100, Deduct	*-7.12*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	51.23	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.64*	
		For >100, Deduct	*-7.27*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	56.73	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.47*	
		For >100, Deduct	*-8.93*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	61.07	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.58*	
		For >100, Deduct	*-9.15*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	65.38	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.68*	
		For >100, Deduct	*-9.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	73.92	
		For >10 To 50, Deduct	*-2.60*	
		For >50 To 100, Deduct	*-5.75*	
		For >100, Deduct	*-11.50*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	77.02	
		For >10 To 50, Deduct	*-2.60*	
		For >50 To 100, Deduct	*-5.83*	
		For >100, Deduct	*-11.66*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.26	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.69	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.39*	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.27	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.99	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.93*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.36	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.63	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.66	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.29	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.27*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.99	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	27.39	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.33*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.25	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.03	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.56*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.66	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.53*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	39.47	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.81*	
		For >100, Deduct	*-5.62*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	41.43	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.86*	
		For >100, Deduct	*-5.72*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	44.03	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.93*	
		For >100, Deduct	*-5.85*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.45	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.21*	
		For >100, Deduct	*-6.42*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	44.95	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.29*	
		For >100, Deduct	*-6.59*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	48.62	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.39*	
		For >100, Deduct	*-6.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	51.76	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.46*	
		For >100, Deduct	*-6.93*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	52.15	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.47*	
		For >100, Deduct	*-6.95*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.10	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.55*	
		For >100, Deduct	*-7.10*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	62.76	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.48*	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	73.55	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-4.01*	
		For >100, Deduct	*-8.02*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	74.01	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-4.21*	
		For >100, Deduct	*-8.41*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	107.46	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-5.74*	
		For >100, Deduct	*-11.47*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	123.42	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-6.13*	
		For >100, Deduct	*-12.27*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.63	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.39*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.44	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.20	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.99*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.84	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	19.01	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	22.07	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	29.22	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	30.99	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	34.22	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.67*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	35.03	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.71*	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	47.56	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.03*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	48.53	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.08*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	58.79	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.64*	
		For >100, Deduct	*-7.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	62.82	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.48*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	24.61	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.19*	
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	25.91	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.20	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.32*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.85	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.35*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	33.63	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.33*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	32.08	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	43.42	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.26*	
		For >100, Deduct	*-6.51*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.84	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.29*	
		For >100, Deduct	*-6.58*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	51.84	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.47*	
		For >100, Deduct	*-6.93*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	55.54	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.44*	
		For >100, Deduct	*-8.87*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	59.57	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.54*	
		For >100, Deduct	*-9.08*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	63.55	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.64*	
		For >100, Deduct	*-9.28*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.18	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.35	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.55	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.84	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.99	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.55	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.83	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.10	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.98	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.33	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.64	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.03*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.00	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.33	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.96*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.86	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-4.99*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.27	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.01*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.41	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.07*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.29	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.96*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	33.28	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.01*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.18	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.05*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	35.60	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.12*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	13.96	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	18.17	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.89	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.07*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	27.03	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	30.13	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.46*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	41.13	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.70*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.99	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.27	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.84	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	15.00	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	15.81	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.87*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	16.68	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	17.35	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	23.13	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.11*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	23.65	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.13*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	25.17	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.21*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	27.14	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	30.90	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.19*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	32.72	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.28*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	34.32	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	39.88	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.17*	
		For >100, Deduct	*-6.34*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	41.58	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.21*	
		For >100, Deduct	*-6.42*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.93	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.71	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	25.33	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	28.79	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	34.61	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.10*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	20.56	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.46*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	27.55	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	34.36	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.21*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	43.33	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.01*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	59.61	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.67*	
		For >100, Deduct	*-7.35*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.43	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.30	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	15.04	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	22.00	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	30.68	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	37.03	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.10*	
		For >100, Deduct	*-6.19*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.51	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	14.89	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.59	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	21.97	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	29.59	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.13*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	33.10	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	16.04	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.73*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	18.67	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.03*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	23.16	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.78*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	27.19	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.31*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	28.91	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	35.78	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.44*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	46.69	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.34*	
		For >100, Deduct	*-6.68*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	55.58	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.48*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	76.15	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.95*	
		For >100, Deduct	*-9.91*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	109.89	
		For >10 To 50, Deduct	*-2.56*	
		For >50 To 100, Deduct	*-6.59*	
		For >100, Deduct	*-13.18*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	13.22	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	14.48	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	16.97	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	20.62	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.98*	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	23.36	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	29.83	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.37*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	33.03	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-2.90*	
		For >100, Deduct	*-5.81*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	41.39	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-3.54*	
		For >100, Deduct	*-7.08*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	46.02	
		For >10 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	53.74	
		For >10 To 50, Deduct	*-2.05*	
		For >50 To 100, Deduct	*-4.42*	
		For >100, Deduct	*-8.84*	
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	60.66	
		For >10 To 50, Deduct	*-2.24*	
		For >50 To 100, Deduct	*-4.87*	
		For >100, Deduct	*-9.74*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	69.93	
		For >10 To 50, Deduct	*-2.43*	
		For >50 To 100, Deduct	*-5.40*	
		For >100, Deduct	*-10.80*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	89.05	
		For >10 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-6.51*	
		For >100, Deduct	*-13.03*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	132.80	
		For >10 To 50, Deduct	*-3.45*	
		For >50 To 100, Deduct	*-8.50*	
		For >100, Deduct	*-17.00*	

05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	5.13	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.00*	

05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	11.96	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	12.04	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	12.23	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	12.06	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	12.16	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	12.38	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	13.54	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	14.23	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	14.41	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	14.74	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	15.03	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	15.62	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	16.35	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	17.03	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	18.92	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.69*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	19.15	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	20.30	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	21.49	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	22.25	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	21.91	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	23.01	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.90*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	25.58	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	7.48	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.42*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	7.48	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.42*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	7.54	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.43*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	7.56	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.43*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.87	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.16*	
		For >100, Deduct	*-0.33*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.98	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.34*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.14	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.37*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	2.38	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.40*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	2.51	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.40*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	2.23	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.36*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	3.04	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100, Deduct	*-0.45*	

05 05 19 00-0237 TITEN HD Screw Anchor *(05 05 19)*

05 05 19 00-0238	EA	1/2" x 6" TITEN HD Screw Anchor With Stainless Steel Washer Note: Includes drilling 1/2" diameter holes to proper depth in the edge of the concrete, removal of dust from hole, and installing self-threading screw.	40.44	

05 05 21 Fastening Methods for Metal *(05 05)*

05 05 21 00-0001 Welding *(05 05 21)*

05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

05 05 21 00-0003	EA	Minimum Charge For Welding Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	518.68	

05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	12.89	
		For Aluminum Welding, Add	*2.04*	
		For Stainless Steel Welding, Add	*3.36*	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each	10.06	
		For Aluminum Welding, Add	*1.62*	
		For Stainless Steel Welding, Add	*2.65*	

05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	8.45	
		For Aluminum Welding, Add	*1.81*	
		For Stainless Steel Welding, Add	*2.80*	
		For Up To 25, Add	*2.73*	
		For >25 To 50, Add	*1.93*	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld	16.20	
		For Aluminum Welding, Add	*3.11*	
		For Stainless Steel Welding, Add	*4.90*	
		For Up To 25, Add	*5.39*	
		For >25 To 50, Add	*3.82*	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	24.33	
		For Aluminum Welding, Add	*4.68*	
		For Stainless Steel Welding, Add	*7.37*	
		For Up To 25, Add	*8.09*	
		For >25 To 50, Add	*5.74*	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	32.10	
		For Aluminum Welding, Add	*6.21*	
		For Stainless Steel Welding, Add	*9.77*	
		For Up To 25, Add	*10.66*	
		For >25 To 50, Add	*7.56*	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	40.52	
		For Aluminum Welding, Add	*7.79*	
		For Stainless Steel Welding, Add	*12.27*	
		For Up To 25, Add	*13.47*	
		For >25 To 50, Add	*9.56*	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	46.87	
		For Aluminum Welding, Add	*8.39*	
		For Stainless Steel Welding, Add	*13.41*	
		For Up To 25, Add	*15.84*	
		For >25 To 50, Add	*11.27*	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	55.42	
		For Aluminum Welding, Add	*10.70*	
		For Stainless Steel Welding, Add	*16.84*	
		For Up To 25, Add	*18.40*	
		For >25 To 50, Add	*13.06*	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	64.55	
		For Aluminum Welding, Add	*11.82*	
		For Stainless Steel Welding, Add	*18.82*	
		For Up To 25, Add	*21.70*	
		For >25 To 50, Add	*15.42*	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	74.85	
		For Aluminum Welding, Add	*13.76*	
		For Stainless Steel Welding, Add	*21.88*	
		For Up To 25, Add	*25.14*	
		For >25 To 50, Add	*17.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	101.43	
		For Aluminum Welding, Add	*19.56*	
		For Stainless Steel Welding, Add	*30.80*	
		For Up To 25, Add	*33.69*	
		For >25 To 50, Add	*23.91*	
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld	149.35	
		For Aluminum Welding, Add	*27.25*	
		For Stainless Steel Welding, Add	*43.40*	
		For Up To 25, Add	*50.25*	
		For >25 To 50, Add	*35.72*	
05 05 21 00-0020	LF	1" Vertical Fillet Weld	201.90	
		For Aluminum Welding, Add	*38.42*	
		For Stainless Steel Welding, Add	*60.64*	
		For Up To 25, Add	*67.28*	
		For >25 To 50, Add	*47.77*	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld	7.15	
		For Aluminum Welding, Add	*1.62*	
		For Stainless Steel Welding, Add	*2.47*	
		For Up To 25, Add	*2.28*	
		For >25 To 50, Add	*1.61*	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld	13.79	
		For Aluminum Welding, Add	*2.78*	
		For Stainless Steel Welding, Add	*4.34*	
		For Up To 25, Add	*4.53*	
		For >25 To 50, Add	*3.21*	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld	20.62	
		For Aluminum Welding, Add	*4.16*	
		For Stainless Steel Welding, Add	*6.49*	
		For Up To 25, Add	*6.77*	
		For >25 To 50, Add	*4.80*	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld	27.28	
		For Aluminum Welding, Add	*5.56*	
		For Stainless Steel Welding, Add	*8.65*	
		For Up To 25, Add	*8.94*	
		For >25 To 50, Add	*6.33*	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld	34.40	
		For Aluminum Welding, Add	*6.94*	
		For Stainless Steel Welding, Add	*10.83*	
		For Up To 25, Add	*11.30*	
		For >25 To 50, Add	*8.01*	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld	39.58	
		For Aluminum Welding, Add	*7.37*	
		For Stainless Steel Welding, Add	*11.68*	
		For Up To 25, Add	*13.26*	
		For >25 To 50, Add	*9.42*	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld	47.01	
		For Aluminum Welding, Add	*9.55*	
		For Stainless Steel Welding, Add	*14.87*	
		For Up To 25, Add	*15.41*	
		For >25 To 50, Add	*10.92*	
05 05 21 00-0029	LF	9/16" Horizontal Or Flat Fillet Weld	54.65	
		For Aluminum Welding, Add	*10.48*	
		For Stainless Steel Welding, Add	*16.51*	
		For Up To 25, Add	*18.18*	
		For >25 To 50, Add	*12.90*	
05 05 21 00-0030	LF	5/8" Horizontal Or Flat Fillet Weld	63.79	
		For Aluminum Welding, Add	*12.53*	
		For Stainless Steel Welding, Add	*19.65*	
		For Up To 25, Add	*21.09*	
		For >25 To 50, Add	*14.96*	
05 05 21 00-0031	LF	3/4" Horizontal Or Flat Fillet Weld	86.13	
		For Aluminum Welding, Add	*17.49*	
		For Stainless Steel Welding, Add	*27.24*	
		For Up To 25, Add	*28.24*	
		For >25 To 50, Add	*20.01*	
05 05 21 00-0032	LF	7/8" Horizontal Or Flat Fillet Weld	125.27	
		For Aluminum Welding, Add	*23.32*	
		For Stainless Steel Welding, Add	*36.98*	
		For Up To 25, Add	*41.96*	
		For >25 To 50, Add	*29.81*	
05 05 21 00-0033	LF	1" Horizontal Or Flat Fillet Weld	170.77	
		For Aluminum Welding, Add	*34.14*	
		For Stainless Steel Welding, Add	*53.35*	
		For Up To 25, Add	*56.22*	
		For >25 To 50, Add	*39.85*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0279 for drilling into concrete, 02 41 19 13-0294 for drilling into brick or block, 02 41 19 13-0309 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0002		**A307B Heavy Hex Bolts** *(05 05 23 00-0001)* Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003		**Plain Finish A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	14.48	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.53*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	15.89	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	15.93	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	18.93	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.29	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	21.87	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	27.45	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.53*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	29.46	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	21.82	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.05*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	26.21	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.46*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	30.72	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.80*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	43.48	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.56*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	50.85	2.15
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.23*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	57.16	2.30
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.74*	
05 05 23 00-0018		**Galvanized A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	15.17	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	16.35	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.62*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.63	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.69*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	20.63	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.09*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	20.23	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	25.45	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	33.62	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.84*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	39.45	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	26.89	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	31.92	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.75*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	38.10	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.17*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	56.84	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	56.83	2.15
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.53*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	71.01	2.30
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.43*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	14.15	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.51*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	14.46	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	15.46	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	18.96	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	21.94	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.25*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	16.84	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.65*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	20.43	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	23.25	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	28.58	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.70*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	19.54	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	23.79	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	27.15	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	29.42	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.85*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	21.59	1.63
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	25.97	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.57*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	30.08	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.89*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	38.51	2.03
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.46*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	36.77	2.03
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.38*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	41.66	2.15
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.77*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	48.90	2.30
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.33*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	57.40	2.47
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.94*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	14.78	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	15.00	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	16.77	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	19.89	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	21.05	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.21*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	17.44	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.68*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	21.19	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	24.43	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.38*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	31.38	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.84*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	23.16	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	25.93	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.45*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	29.74	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	37.20	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	24.40	1.63
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	32.42	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.89*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	35.48	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	45.17	2.03
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	44.90	2.03
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.78*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	47.87	2.15
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	56.01	2.30
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.68*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	64.82	2.47
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-3.16*	
		For >100, Deduct	*-6.31*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	15.95	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	22.33	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	23.89	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.35*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	17.86	1.45
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	21.60	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	25.12	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.41*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	32.23	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.88*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	20.72	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.00*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	24.16	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	34.77	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.01*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	24.34	1.63
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	29.07	1.81
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.72*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	33.41	1.90
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.05*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	41.69	2.03
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.31*	
		For >100, Deduct	*-4.62*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	53.40	2.15
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	56.21	2.30
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.69*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	58.65	2.47
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.01*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.86	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0116		5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.61	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.18	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.08	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.10	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.83	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.49	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.12	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.38	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.05	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.32	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.87	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0186 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.83	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.32	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.03	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.23	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.43	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.72	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.83	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.89	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.44	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.81	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.87	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.15	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.69	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.33	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.22	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.84	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.48	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.97	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.97	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.80	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.88	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.26	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.28	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.60	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.21	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.46	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.88	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.54	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.62	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.28	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.16	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.01	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.50	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.73	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.37	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.02	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.77	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.71	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.32	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.01	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.37	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.24	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.31	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.19	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.06	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.09	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.00	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.85	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.75	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.56	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.34	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.60	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.74	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.13	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.23	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.37	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.14	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.69	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.65	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.81	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.76	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.74	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	29.74	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	30.85	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	31.84	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	32.83	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.75	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.43	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.91	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.23	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.59	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.62	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.87	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.89	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.30	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.86	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.65	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.84	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.45	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.93	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.22	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.51	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.81	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.75	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.23	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.65	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.45	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.57	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.37	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.30	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.76	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.96	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.86	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.29	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.72	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.70	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.46	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.07	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.46	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.75	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.97	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.03	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.35	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.67	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.48	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.84	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.80	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.19	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.54	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.94	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.36	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.00	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.03	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.17	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.01	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.14	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.88	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.01	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.68	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.27	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.71	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.96	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.54	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.61	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.25	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.66	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.54	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.16	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.88	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.23	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.14	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.66	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.24	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.71	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.22	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.60	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.16	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.44	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.93	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.78	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.35	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.99	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.99	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.76	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.33	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.96	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.68	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.86	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.05	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.13	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.06	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.23	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.22	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.22	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.85	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.92	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.58	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.19	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.17	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.14	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.77	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.07	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.04	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.52	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.61	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.21	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	36.13	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	36.66	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	38.10	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	39.08	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.43	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.08	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.23	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.10	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.02	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.31	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.77	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.52	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.71	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.65	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.41	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.08	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.43	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.10	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.01	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.41	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.96	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.03	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.51	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.26	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.09	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.63	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.73	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.19	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.24	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.91	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.17	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.55	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.41	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.39	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.79	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.63	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.84	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.79	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.20	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.10	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.98	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.12	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.87	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.98	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.72	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.07	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.09	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.72	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.81	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.19	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.91	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.63	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.99	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.86	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.58	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.96	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.95	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.27	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.22	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.57	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.48	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.93	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.79	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.13	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.29	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.78	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.03	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.86	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.00	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.22	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.36	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.62	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.85	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.16	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.42	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.79	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.12	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.89	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.76	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.88	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.57	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.42	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.99	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.62	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.98	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.79	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.85	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.62	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.41	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.20	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.48	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.22	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	38.71	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	39.95	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	43.21	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	45.20	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.59	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.22	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.73	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.62	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.67	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.65	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.82	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.20	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.97	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.84	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.20	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.18	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.42	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.32	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.68	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.06	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.50	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.20	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.86	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.11	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.16	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.30	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.73	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.80	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.12	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.27	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.51	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.05	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.33	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.16	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.42	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.87	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.30	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.12	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.80	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.37	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.48	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.96	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.27	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.00	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.58	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.80	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.12	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.07	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.48	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.46	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.59	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.98	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.77	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.42	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.54	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.29	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.76	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.22	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.64	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.00	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.68	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.18	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.83	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.49	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.00	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.00	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.76	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.69	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.91	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.38	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.90	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.55	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	30.15	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.54	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.88	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.75	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.44	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.21	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.56	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.57	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.89	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.26	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.69	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.55	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.98	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.41	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.04	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.20	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	34.08	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	35.37	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0816		1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*		
05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.41	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.42	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.69	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.34	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0833		5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*		
05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.83	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.96	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.45	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.86	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.59	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.25	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.52	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.18	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.46	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.44	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.62	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.85	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.39	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.27	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.14	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.39	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.83	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.05	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.58	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.73	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.43	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.79	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.74	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.49	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.37	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.38	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.07	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.66	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.60	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.42	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.79	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.39	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.98	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.38	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.07	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.88	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.94	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.79	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.71	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.13	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.05	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.10	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.19	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.56	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.06	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.84	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.94	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.53	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.55	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.79	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.70	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.82	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.92	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.37	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.22	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.06	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.69	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.78	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.66	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.66	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.34	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.10	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.11	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.41	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.51	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.38	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.69	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.42	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.81	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.46	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.07	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.10	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.37	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.94	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.44	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.90	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.77	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.12	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.93	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.16	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.06	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.71	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.64	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.27	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.06	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.68	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.88	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.71	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.33	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.22	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.84	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.83	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	55.04	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.01	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	72.83	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	76.45	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	80.05	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0970			**1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts** *(05 05 23 00-0815)*		
05 05 23 00-0971		EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.77	
			For >100 To 250, Deduct	*-2.08*	
			For >250 To 500, Deduct	*-2.60*	
			For >500, Deduct	*-3.12*	
05 05 23 00-0972		EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.16	
			For >100 To 250, Deduct	*-2.08*	
			For >250 To 500, Deduct	*-2.60*	
			For >500, Deduct	*-3.12*	
05 05 23 00-0973		EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.42	
			For >100 To 250, Deduct	*-2.12*	
			For >250 To 500, Deduct	*-2.65*	
			For >500, Deduct	*-3.18*	
05 05 23 00-0974		EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.17	
			For >100 To 250, Deduct	*-2.12*	
			For >250 To 500, Deduct	*-2.65*	
			For >500, Deduct	*-3.18*	
05 05 23 00-0975		EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.04	
			For >100 To 250, Deduct	*-2.12*	
			For >250 To 500, Deduct	*-2.65*	
			For >500, Deduct	*-3.18*	
05 05 23 00-0976		EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.48	
			For >100 To 250, Deduct	*-2.16*	
			For >250 To 500, Deduct	*-2.70*	
			For >500, Deduct	*-3.24*	
05 05 23 00-0977		EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.48	
			For >100 To 250, Deduct	*-2.16*	
			For >250 To 500, Deduct	*-2.70*	
			For >500, Deduct	*-3.24*	
05 05 23 00-0978		EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.44	
			For >100 To 250, Deduct	*-2.16*	
			For >250 To 500, Deduct	*-2.70*	
			For >500, Deduct	*-3.24*	
05 05 23 00-0979		EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.43	
			For >100 To 250, Deduct	*-2.20*	
			For >250 To 500, Deduct	*-2.75*	
			For >500, Deduct	*-3.30*	
05 05 23 00-0980		EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.59	
			For >100 To 250, Deduct	*-2.20*	
			For >250 To 500, Deduct	*-2.75*	
			For >500, Deduct	*-3.30*	
05 05 23 00-0981		EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.53	
			For >100 To 250, Deduct	*-2.20*	
			For >250 To 500, Deduct	*-2.75*	
			For >500, Deduct	*-3.30*	
05 05 23 00-0982		EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.78	
			For >100 To 250, Deduct	*-2.24*	
			For >250 To 500, Deduct	*-2.81*	
			For >500, Deduct	*-3.37*	
05 05 23 00-0983		EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.28	
			For >100 To 250, Deduct	*-2.24*	
			For >250 To 500, Deduct	*-2.81*	
			For >500, Deduct	*-3.37*	
05 05 23 00-0984		EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.77	
			For >100 To 250, Deduct	*-2.24*	
			For >250 To 500, Deduct	*-2.81*	
			For >500, Deduct	*-3.37*	
05 05 23 00-0985		EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	68.97	
			For >100 To 250, Deduct	*-2.29*	
			For >250 To 500, Deduct	*-2.86*	
			For >500, Deduct	*-3.43*	
05 05 23 00-0986		EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	73.56	
			For >100 To 250, Deduct	*-2.29*	
			For >250 To 500, Deduct	*-2.86*	
			For >500, Deduct	*-3.43*	
05 05 23 00-0987		EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	94.38	
			For >100 To 250, Deduct	*-2.29*	
			For >250 To 500, Deduct	*-2.86*	
			For >500, Deduct	*-3.43*	
05 05 23 00-0988		EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	118.64	
			For >100 To 250, Deduct	*-2.29*	
			For >250 To 500, Deduct	*-2.86*	
			For >500, Deduct	*-3.43*	
05 05 23 00-0989			**316 Stainless Steel, Hex Head Bolts** *(05 05 23 00-0097)*		
05 05 23 00-0990			**1/4" Diameter, 316 Stainless Steel, Hex Head Bolts** *(05 05 23 00-0989)*		
05 05 23 00-0991		EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.75	
			For >100 To 250, Deduct	*-1.45*	
			For >250 To 500, Deduct	*-1.82*	
			For >500, Deduct	*-2.18*	
05 05 23 00-0992		EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.97	
			For >100 To 250, Deduct	*-1.45*	
			For >250 To 500, Deduct	*-1.82*	
			For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.24	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	18.53	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	27.58	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	47.04	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	51.48	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.30	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.03	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	13.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.85	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	28.88	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.81	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.30*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.56	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	19.23	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.85	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	30.92	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.12	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.17	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.89	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.73	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.03	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	19.66	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.29	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	20.74	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.19	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	21.75	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.01	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	15.85	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.72	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	21.51	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.01	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	22.61	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.30	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	30.65	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.68	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	36.04	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.15	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	50.88	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.83	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	53.29	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	26.99	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.05	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	35.96	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.49*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.04	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	44.12	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.20	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.56*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	50.94	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.31	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	57.29	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.62*	
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.40	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	61.03	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	

05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	15.51	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.69	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	15.75	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.14	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	18.35	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.19	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	23.20	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.56	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	27.73	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.15	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	31.10	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.99	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	39.32	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.07	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	42.82	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.51	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	47.84	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.96	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	70.85	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.60	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	22.20	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-2.81*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.82	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	26.81	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.54	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-2.87*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	32.43	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.96	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	34.79	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.13	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	38.04	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.93	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	52.66	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.29	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	60.29	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.05*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.49	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	74.55	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	75.41	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	77.53	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1125		7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.75	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.52	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.22	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.10	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.83	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	34.56	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.91	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.19	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.53	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	44.28	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.05	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	65.77	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.78	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	76.24	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	80.93	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	83.93	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	86.91	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	90.26	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1144		1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	28.83	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.12*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.29	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	36.15	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.71	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.18*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	42.55	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.64	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	48.76	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.24*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	52.11	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	60.18	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	68.13	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.30*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	79.22	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	88.37	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	89.69	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.37*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	92.89	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	94.14	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	109.33	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	123.99	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-3.43*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	4.00	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.72*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.19	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.73*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.70	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.79*	
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.52	
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.51*	
		For >100, Deduct	*-1.02*	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.99	
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.54*	
		For >100, Deduct	*-1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	8.77	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	9.85	
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.64*	
		For >100, Deduct	*-1.29*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.07	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.50	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.87	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.99	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.23	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.60	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.77	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.14	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.25	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.71	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.75	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.91	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.41	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.99	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.11	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.58	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	5.33	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.35*	
		For >100, Deduct	*-0.70*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1191		**Plain Finish Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.39	0.58
		For Left Hand Threaded Rod, Add	*0.12*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.14	0.64
		For Left Hand Threaded Rod, Add	*0.19*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.65	0.73
		For Left Hand Threaded Rod, Add	*0.22*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.93	0.74
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.04	0.77
		For Left Hand Threaded Rod, Add	*0.35*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.25	0.78
		For Left Hand Threaded Rod, Add	*0.47*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.03	0.79
		For Left Hand Threaded Rod, Add	*0.54*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.53	0.82
		For Left Hand Threaded Rod, Add	*0.99*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.56	0.85
		For Left Hand Threaded Rod, Add	*1.09*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.19	0.95
		For Left Hand Threaded Rod, Add	*1.53*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.37	1.06
		For Left Hand Threaded Rod, Add	*1.93*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.37	1.15
		For Left Hand Threaded Rod, Add	*2.60*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	35.29	1.25
		For Left Hand Threaded Rod, Add	*3.28*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	42.20	1.30
		For Left Hand Threaded Rod, Add	*3.96*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	51.76	1.36
		For Left Hand Threaded Rod, Add	*4.90*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	66.10	1.44
		For Left Hand Threaded Rod, Add	*6.32*	
05 05 23 00-1208		**Zinc Plated Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.41	0.58
		For Left Hand Threaded Rod, Add	*0.13*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.55	0.64
		For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.96	0.73
		For Left Hand Threaded Rod, Add	*0.25*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.70	0.74
		For Left Hand Threaded Rod, Add	*0.42*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.13	0.77
		For Left Hand Threaded Rod, Add	*0.46*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.02	0.78
		For Left Hand Threaded Rod, Add	*0.65*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.52	0.79
		For Left Hand Threaded Rod, Add	*0.69*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	12.81	0.82
		For Left Hand Threaded Rod, Add	*1.12*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	16.58	0.85
		For Left Hand Threaded Rod, Add	*1.49*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	22.25	0.95
		For Left Hand Threaded Rod, Add	*2.03*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	28.70	1.06
		For Left Hand Threaded Rod, Add	*2.66*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	34.26	1.15
		For Left Hand Threaded Rod, Add	*3.19*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	38.94	1.25
		For Left Hand Threaded Rod, Add	*3.64*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	49.02	1.30
		For Left Hand Threaded Rod, Add	*4.64*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	60.74	1.36
		For Left Hand Threaded Rod, Add	*5.80*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	88.62	1.44
		For Left Hand Threaded Rod, Add	*8.58*	
05 05 23 00-1225		**Hot Dipped Galvanized Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	6.51	0.73
		For Left Hand Threaded Rod, Add	*0.51*	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	9.11	0.77
		For Left Hand Threaded Rod, Add	*0.76*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	12.29	0.79
		For Left Hand Threaded Rod, Add	*1.07*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	16.87	0.82
		For Left Hand Threaded Rod, Add	*1.52*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	23.34	0.85
		For Left Hand Threaded Rod, Add	*2.17*	
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	30.11	0.95
		For Left Hand Threaded Rod, Add	*2.82*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	39.60	1.06
		For Left Hand Threaded Rod, Add	*3.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	52.09	1.15
		For Left Hand Threaded Rod, Add	*4.97*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	58.21	1.25
		For Left Hand Threaded Rod, Add	*5.57*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	69.28	1.30
		For Left Hand Threaded Rod, Add	*6.67*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	84.18	1.36
		For Left Hand Threaded Rod, Add	*8.14*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	146.90	1.44
		For Left Hand Threaded Rod, Add	*14.40*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.41	0.58
		For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.12	0.64
		For Left Hand Threaded Rod, Add	*0.39*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.59	0.73
		For Left Hand Threaded Rod, Add	*0.52*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.15	0.74
		For Left Hand Threaded Rod, Add	*0.77*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	10.97	0.77
		For Left Hand Threaded Rod, Add	*0.94*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	15.76	0.78
		For Left Hand Threaded Rod, Add	*1.42*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.46	0.79
		For Left Hand Threaded Rod, Add	*1.49*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	23.04	0.82
		For Left Hand Threaded Rod, Add	*2.14*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	31.68	0.85
		For Left Hand Threaded Rod, Add	*3.00*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.64	0.95
		For Left Hand Threaded Rod, Add	*3.87*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	86.00	1.15
		For Left Hand Threaded Rod, Add	*8.36*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	130.92	1.30
		For Left Hand Threaded Rod, Add	*12.83*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	134.68	1.36
		For Left Hand Threaded Rod, Add	*13.19*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	186.34	1.44
		For Left Hand Threaded Rod, Add	*18.35*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	4.93	0.58
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	7.93	0.64
		For Left Hand Threaded Rod, Add	*0.67*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	10.53	0.73
		For Left Hand Threaded Rod, Add	*0.91*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	16.44	0.74
		For Left Hand Threaded Rod, Add	*1.50*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	17.43	0.77
		For Left Hand Threaded Rod, Add	*1.59*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	22.86	0.78
		For Left Hand Threaded Rod, Add	*2.13*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	24.60	0.79
		For Left Hand Threaded Rod, Add	*2.30*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	35.86	0.82
		For Left Hand Threaded Rod, Add	*3.42*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	49.08	0.85
		For Left Hand Threaded Rod, Add	*4.74*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	62.11	0.95
		For Left Hand Threaded Rod, Add	*6.02*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	131.10	1.15
		For Left Hand Threaded Rod, Add	*12.87*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	171.82	1.30
		For Left Hand Threaded Rod, Add	*16.92*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.14	0.58
		For Zinc Plating, Add	*1.50*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.39	0.64
		For Zinc Plating, Add	*2.57*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.69	0.73
		For Zinc Plating, Add	*2.63*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	7.31	0.74
		For Zinc Plating, Add	*2.91*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.05	0.77
		For Zinc Plating, Add	*3.26*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.06	0.78
		For Zinc Plating, Add	*4.25*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.38	0.79
		For Zinc Plating, Add	*4.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.80	0.82
		For Zinc Plating, Add	*6.08*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	16.54	0.85
		For Zinc Plating, Add	*7.43*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	21.46	0.95
		For Zinc Plating, Add	*9.77*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	27.92	1.06
		For Zinc Plating, Add	*12.90*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	31.09	1.15
		For Zinc Plating, Add	*14.35*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.88	1.25
		For Zinc Plating, Add	*16.69*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	43.64	1.30
		For Zinc Plating, Add	*20.52*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	45.12	1.36
		For Zinc Plating, Add	*21.19*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	60.57	1.44
		For Zinc Plating, Add	*28.85*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.29
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.72	0.29
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.77	0.29
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.90	0.29
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.97	0.29
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.28	0.29
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.32	0.29
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.56	0.58
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.27	0.58
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.89	0.58
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.72	0.58
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.77	0.58
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	8.48	0.58
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.82	0.87
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	14.41	0.87
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	20.82	0.87

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.67	0.29
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.73	0.29
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.80	0.29
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.93	0.29
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.08	0.29
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.31	0.29
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.35	0.29
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.76	0.58
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.48	0.58
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.50	0.58
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	5.33	0.58
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	7.53	0.58
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	11.05	0.58
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.21	0.87
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	22.01	0.87
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	31.55	0.87

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.68	0.29
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.78	0.29
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.85	0.29
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.06	0.29
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.26	0.29
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.51	0.29
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.72	0.29
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.13	0.58
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.19	0.58
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.25	0.58
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	6.65	0.58
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.29	0.58
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	13.65	0.58
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	14.48	0.87
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	22.07	0.87
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	31.20	0.87

05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.29
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.76	0.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.83	0.29
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.04	0.29
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.19	0.29
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.32	0.29
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.46	0.29
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.95	0.58
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.82	0.58
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.88	0.58
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.43	0.58
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	8.24	0.58
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	12.22	0.58
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.26	0.87
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	24.86	0.87
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	42.99	0.87
05 05 23 00-1353		304 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.76	0.29
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.90	0.29
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	1.01	0.29
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.51	0.29
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.63	0.29
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.49	0.29
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	2.78	0.29
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	3.19	0.58
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	5.23	0.58
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	8.03	0.58
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	19.31	0.58
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	37.14	0.87
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	65.32	0.87
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	93.12	0.87
05 05 23 00-1368		316 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.89	0.29
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	1.02	0.29
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.21	0.29
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.99	0.29
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	2.13	0.29
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	2.91	0.29
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	3.29	0.29
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	4.58	0.58
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	6.37	0.58
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	9.84	0.58
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	29.97	0.58
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	48.49	0.87
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	81.87	0.87
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	152.23	0.87
05 05 23 00-1383		Flat Washers *(05 05 23 00-1283)*		
05 05 23 00-1384		Zinc Plated Steel, Low Carbon Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.07	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.13	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.20	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.29	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.33	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.81	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.96	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.18	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.33	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.59	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.50	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.56	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.79	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.71	
05 05 23 00-1401		Zinc Plated Steel, Hardened Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.17	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.24	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.27	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.37	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.50	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.81	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.16	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.63	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.72	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.02	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.79	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	6.32	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.22	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	9.71	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	11.65	
05 05 23 00-1418		Hot Dipped Galvanized Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.11	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.16	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.18	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.34	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.43	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.71	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.79	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.20	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.70	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.86	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.85	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.17	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.53	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.90	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	7.12	
05 05 23 00-1434		304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.14	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.19	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.27	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.49	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.90	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.12	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.64	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.67	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.53	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.47	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.20	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.60	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.92	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.22	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	8.97	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	17.62	
05 05 23 00-1451		316 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.27	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.30	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.53	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.63	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.16	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.09	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	2.47	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	3.11	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.81	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	5.38	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.13	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	7.55	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.98	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	8.16	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	11.96	
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.05	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.08	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.11	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.19	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.21	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.32	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.54	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.96	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.41	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.16	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.42	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.02	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	7.18	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.14	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.15	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.24	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.31	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.62	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.89	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.41	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.55	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.04	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	4.39	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.02	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	6.79	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	9.25	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.12	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.16	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.23	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.43	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.48	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.15	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.36	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.58	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.87	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	4.05	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	7.07	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.40	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	11.96	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	14.35	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.14	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.31	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.36	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.62	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.69	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.23	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.35	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	2.33	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	3.86	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	5.25	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	7.32	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	11.27	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	20.18	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	22.40	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1535	EA	1/2", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	2.34	
05 05 23 00-1536	EA	5/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	2.65	
05 05 23 00-1537	EA	3/4", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	2.86	
05 05 23 00-1538	EA	7/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.25	
05 05 23 00-1539	EA	1", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.92	
05 05 23 00-1540	EA	1-1/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	6.52	
05 05 23 00-1541	EA	1-1/4", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	8.42	
05 05 23 00-1542	EA	1-3/8", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	10.75	
05 05 23 00-1543	EA	1-1/2", Plain Finish, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	11.83	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	2.96	
05 05 23 00-1546	EA	5/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.30	
05 05 23 00-1547	EA	3/4", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.21	
05 05 23 00-1548	EA	7/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	3.92	
05 05 23 00-1549	EA	1", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	4.65	
05 05 23 00-1550	EA	1-1/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	7.00	
05 05 23 00-1551	EA	1-1/4", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	8.81	
05 05 23 00-1552	EA	1-3/8", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	12.54	
05 05 23 00-1553	EA	1-1/2", Galvanized, (ASTM F959) A325, Direct Tension Indicator, Load Indicating Washer	13.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, (ASTM F436) Square Beveled Structural Washer	3.87	
05 05 23 00-1557	EA	5/8", Plain Finish, (ASTM F436) Square Beveled Structural Washer	3.95	
05 05 23 00-1558	EA	3/4", Plain Finish, (ASTM F436) Square Beveled Structural Washer	4.04	
05 05 23 00-1559	EA	7/8", Plain Finish, (ASTM F436) Square Beveled Structural Washer	4.90	
05 05 23 00-1560	EA	1", Plain Finish, (ASTM F436) Square Beveled Structural Washer	5.16	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, (ASTM F436) Square Beveled Structural Washer	5.56	
05 05 23 00-1563	EA	5/8", Galvanized, (ASTM F436) Square Beveled Structural Washer	5.81	
05 05 23 00-1564	EA	3/4", Galvanized, (ASTM F436) Square Beveled Structural Washer	5.81	
05 05 23 00-1565	EA	7/8", Galvanized, (ASTM F436) Square Beveled Structural Washer	6.15	
05 05 23 00-1566	EA	1", Galvanized, (ASTM F436) Square Beveled Structural Washer	6.54	
05 05 23 00-1567		Drilling In Existing Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	24.88	
		For Aluminum, Deduct	*-2.49*	
		For Stainless Steel, Add	*3.11*	
		For >5 To 10, Deduct	*-2.49*	
		For >10 To 25, Deduct	*-6.22*	
		For >25 To 50, Deduct	*-8.71*	
		For >50, Deduct	*-12.44*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	29.26	
		For Aluminum, Deduct	*-2.93*	
		For Stainless Steel, Add	*3.66*	
		For >5 To 10, Deduct	*-2.93*	
		For >10 To 25, Deduct	*-7.32*	
		For >25 To 50, Deduct	*-10.24*	
		For >50, Deduct	*-14.63*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	35.12	
		For Aluminum, Deduct	*-3.51*	
		For Stainless Steel, Add	*4.39*	
		For >5 To 10, Deduct	*-3.51*	
		For >10 To 25, Deduct	*-8.78*	
		For >25 To 50, Deduct	*-12.29*	
		For >50, Deduct	*-17.56*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	40.97	
		For Aluminum, Deduct	*-4.10*	
		For Stainless Steel, Add	*5.12*	
		For >5 To 10, Deduct	*-4.10*	
		For >10 To 25, Deduct	*-10.24*	
		For >25 To 50, Deduct	*-14.34*	
		For >50, Deduct	*-20.49*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	54.86	
		For Aluminum, Deduct	*-5.49*	
		For Stainless Steel, Add	*6.86*	
		For >5 To 10, Deduct	*-5.49*	
		For >10 To 25, Deduct	*-13.72*	
		For >25 To 50, Deduct	*-19.20*	
		For >50, Deduct	*-27.43*	
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	29.26	
		For Aluminum, Deduct	*-2.93*	
		For Stainless Steel, Add	*3.66*	
		For >5 To 10, Deduct	*-2.93*	
		For >10 To 25, Deduct	*-7.32*	
		For >25 To 50, Deduct	*-10.24*	
		For >50, Deduct	*-14.63*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	36.58	
		For Aluminum, Deduct	*-3.66*	
		For Stainless Steel, Add	*4.57*	
		For >5 To 10, Deduct	*-3.66*	
		For >10 To 25, Deduct	*-9.15*	
		For >25 To 50, Deduct	*-12.80*	
		For >50, Deduct	*-18.29*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	43.90	
		For Aluminum, Deduct	*-4.39*	
		For Stainless Steel, Add	*5.49*	
		For >5 To 10, Deduct	*-4.39*	
		For >10 To 25, Deduct	*-10.98*	
		For >25 To 50, Deduct	*-15.37*	
		For >50, Deduct	*-21.95*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	54.86	
		For Aluminum, Deduct	*-5.49*	
		For Stainless Steel, Add	*6.86*	
		For >5 To 10, Deduct	*-5.49*	
		For >10 To 25, Deduct	*-13.72*	
		For >25 To 50, Deduct	*-19.20*	
		For >50, Deduct	*-27.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	36.58	
		For Aluminum, Deduct	*-3.66*	
		For Stainless Steel, Add	*4.57*	
		For >5 To 10, Deduct	*-3.66*	
		For >10 To 25, Deduct	*-9.15*	
		For >25 To 50, Deduct	*-12.80*	
		For >50, Deduct	*-18.29*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	48.28	
		For Aluminum, Deduct	*-4.83*	
		For Stainless Steel, Add	*6.04*	
		For >5 To 10, Deduct	*-4.83*	
		For >10 To 25, Deduct	*-12.07*	
		For >25 To 50, Deduct	*-16.90*	
		For >50, Deduct	*-24.14*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	58.53	
		For Aluminum, Deduct	*-5.85*	
		For Stainless Steel, Add	*7.32*	
		For >5 To 10, Deduct	*-5.85*	
		For >10 To 25, Deduct	*-14.63*	
		For >25 To 50, Deduct	*-20.49*	
		For >50, Deduct	*-29.27*	

05 05 23 00-1580 Cutting Existing Steel With Torch *(05 05 23)*

05 05 23 00-1581	LF	Torch Cutting, Milled Steel Up To 1/4" Thick	7.15

05 05 23 00-1582 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1583	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.48
05 05 23 00-1584	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.58
05 05 23 00-1585	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.62
05 05 23 00-1586	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.66
05 05 23 00-1587	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.41
05 05 23 00-1588	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.64
05 05 23 00-1589	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.88
05 05 23 00-1590	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.00
05 05 23 00-1591	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.13
05 05 23 00-1592	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.61
05 05 23 00-1593	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.01
05 05 23 00-1594	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.33
05 05 23 00-1595	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.41
05 05 23 00-1596	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.44
05 05 23 00-1597	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.80
05 05 23 00-1598	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.15
05 05 23 00-1599	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.58
05 05 23 00-1600	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.24
05 05 23 00-1601	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.67
05 05 23 00-1602	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.84
05 05 23 00-1603	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	11.04
05 05 23 00-1604	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.70
05 05 23 00-1605	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.26
05 05 23 00-1606	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.71
05 05 23 00-1607	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.17
05 05 23 00-1608	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.54
05 05 23 00-1609	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.88
05 05 23 00-1610	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.33
05 05 23 00-1611	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	12.22
05 05 23 00-1612	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	14.83

05 05 23 00-1613 Welded Shear Stud Connector *(05 05 23)*

05 05 23 00-1614 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1615	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	9.85
05 05 23 00-1616	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	10.25
05 05 23 00-1617	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	10.36
05 05 23 00-1618	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	10.41
05 05 23 00-1619	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	10.86
05 05 23 00-1620	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	11.69
05 05 23 00-1621	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	19.69
05 05 23 00-1622	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	12.65
05 05 23 00-1623	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	14.11
05 05 23 00-1624	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	18.46
05 05 23 00-1625	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	18.91
05 05 23 00-1626	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	20.51
05 05 23 00-1627	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	27.21

05 05 23 00-1628 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1629	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.85
05 05 23 00-1630	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	12.49
05 05 23 00-1631	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	13.12
05 05 23 00-1632	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.96
05 05 23 00-1633	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	19.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1634	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	21.39	
05 05 23 00-1635	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	23.30	
05 05 23 00-1636	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	28.67	

05 05 23 00-1637 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1638	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	16.02	
05 05 23 00-1639	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	17.99	
05 05 23 00-1640	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	20.89	
05 05 23 00-1641	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	26.70	
05 05 23 00-1642	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	29.73	
05 05 23 00-1643	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	32.76	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or Lb.) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 Lb./LF Beams, Girders And Columns	9,963.18	1,376.84
		For ASTM A242 Type 2 High Strength Steel, Add	*569.18*	
		For Hot Dip Galvanizing, Add	*1,992.14*	
		For >10 To 25 Tons, Deduct	*-604.76*	
		For >25 To 50 Tons, Deduct	*-1,245.09*	
		For >50 To 75 Tons, Deduct	*-1,778.70*	
		For >75 Tons, Deduct	*-889.35*	
05 12 23 00-0004	TON	>30-65 Lb./LF Beams, Girders And Columns	6,788.63	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*467.13*	
		For Hot Dip Galvanizing, Add	*1,634.97*	
		For >10 To 25 Tons, Deduct	*-496.33*	
		For >25 To 50 Tons, Deduct	*-1,021.85*	
		For >50 To 75 Tons, Deduct	*-1,459.79*	
		For >75 Tons, Deduct	*-729.90*	
05 12 23 00-0005	TON	>65-100 Lb./LF Beams, Girders And Columns	5,717.99	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*414.71*	
		For Hot Dip Galvanizing, Add	*1,451.50*	
		For >10 To 25 Tons, Deduct	*-440.63*	
		For >25 To 50 Tons, Deduct	*-907.19*	
		For >50 To 75 Tons, Deduct	*-1,295.98*	
		For >75 Tons, Deduct	*-647.99*	
05 12 23 00-0006	TON	>100-300 Lb./LF Beams, Girders And Columns	3,828.66	266.51
		For ASTM A242 Type 2 High Strength Steel, Add	*283.51*	
		For Hot Dip Galvanizing, Add	*992.27*	
		For >10 To 25 Tons, Deduct	*-301.22*	
		For >25 To 50 Tons, Deduct	*-620.17*	
		For >50 To 75 Tons, Deduct	*-885.96*	
		For >75 Tons, Deduct	*-442.98*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	7,201.88	936.36
		For ASTM A242 Type 2 High Strength Steel, Add	*496.29*	
		For Hot Dip Galvanizing, Add	*1,737.01*	
		For >10 To 25 Tons, Deduct	*-527.31*	
		For >25 To 50 Tons, Deduct	*-1,085.63*	
		For >50 To 75 Tons, Deduct	*-1,550.91*	
		For >75 Tons, Deduct	*-775.45*	

05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0011	TON	Up To 10 Lb./LF Rolled Shape Steel Angles	14,540.65	2,559.53
		For ASTM A242 Type 2 High Strength Steel, Add	*821.98*	
		For Hot Dip Galvanizing, Add	*2,876.93*	
		For >10 To 25 Tons, Deduct	*-873.35*	
		For >25 To 50 Tons, Deduct	*-1,798.08*	
		For >50 To 75 Tons, Deduct	*-2,568.69*	
		For >75 Tons, Deduct	*-1,284.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0012	TON	>10 To 20 Lb./LF Rolled Shape Steel Angles	12,677.26	1,502.08
		For ASTM A242 Type 2 High Strength Steel, Add	*786.31*	
		For Hot Dip Galvanizing, Add	*2,752.08*	
		For >10 To 25 Tons, Deduct	*-835.45*	
		For >25 To 50 Tons, Deduct	*-1,720.05*	
		For >50 To 75 Tons, Deduct	*-2,457.22*	
		For >75 Tons, Deduct	*-1,228.61*	
05 12 23 00-0013	TON	>20 To 58 Lb./LF Rolled Shape Steel Angles	9,595.62	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*691.70*	
		For Hot Dip Galvanizing, Add	*2,420.96*	
		For >10 To 25 Tons, Deduct	*-734.94*	
		For >25 To 50 Tons, Deduct	*-1,513.10*	
		For >50 To 75 Tons, Deduct	*-2,161.58*	
		For >75 Tons, Deduct	*-1,080.79*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	Up To 10 Lb./LF Rolled C, MC Steel Channels	15,988.58	3,504.84
		For ASTM A242 Type 2 High Strength Steel, Add	*809.57*	
		For Hot Dip Galvanizing, Add	*2,833.50*	
		For >10 To 25 Tons, Deduct	*-860.17*	
		For >25 To 50 Tons, Deduct	*-1,770.94*	
		For >50 To 75 Tons, Deduct	*-2,529.92*	
		For >75 Tons, Deduct	*-1,264.96*	
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels	12,541.55	2,670.36
		For ASTM A242 Type 2 High Strength Steel, Add	*775.45*	
		For Hot Dip Galvanizing, Add	*2,714.08*	
		For >10 To 25 Tons, Deduct	*-823.92*	
		For >25 To 50 Tons, Deduct	*-1,696.30*	
		For >50 To 75 Tons, Deduct	*-2,423.29*	
		For >75 Tons, Deduct	*-1,211.65*	
05 12 23 00-0017	TON	>20 To 58 Lb./LF Rolled C, MC Steel Channels	9,440.53	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*679.30*	
		For Hot Dip Galvanizing, Add	*2,377.54*	
		For >10 To 25 Tons, Deduct	*-721.75*	
		For >25 To 50 Tons, Deduct	*-1,485.96*	
		For >50 To 75 Tons, Deduct	*-2,122.80*	
		For >75 Tons, Deduct	*-1,061.40*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	Up To 20 Lb./LF Double L Shape Steel Angles	13,441.95	2,030.81
		For ASTM A242 Type 2 High Strength Steel, Add	*790.96*	
		For Hot Dip Galvanizing, Add	*2,768.37*	
		For >10 To 25 Tons, Deduct	*-840.40*	
		For >25 To 50 Tons, Deduct	*-1,730.23*	
		For >50 To 75 Tons, Deduct	*-2,471.76*	
		For >75 Tons, Deduct	*-1,235.88*	
05 12 23 00-0020	TON	>20 To 50 Lb./LF Double L Shape Steel Angles	10,254.76	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*744.44*	
		For Hot Dip Galvanizing, Add	*2,605.52*	
		For >10 To 25 Tons, Deduct	*-790.96*	
		For >25 To 50 Tons, Deduct	*-1,628.45*	
		For >50 To 75 Tons, Deduct	*-2,326.36*	
		For >75 Tons, Deduct	*-1,163.18*	
05 12 23 00-0021	TON	>50 To 80 Lb./LF Double L Shape Steel Angles	7,707.01	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*573.84*	
		For Hot Dip Galvanizing, Add	*2,008.42*	
		For >10 To 25 Tons, Deduct	*-609.70*	
		For >25 To 50 Tons, Deduct	*-1,255.26*	
		For >50 To 75 Tons, Deduct	*-1,793.24*	
		For >75 Tons, Deduct	*-896.62*	
05 12 23 00-0022	TON	>80 To 115 Lb./LF Double L Shape Steel Angles	4,937.12	266.90
		For ASTM A242 Type 2 High Strength Steel, Add	*372.22*	
		For Hot Dip Galvanizing, Add	*1,302.76*	
		For >10 To 25 Tons, Deduct	*-395.48*	
		For >25 To 50 Tons, Deduct	*-814.23*	
		For >50 To 75 Tons, Deduct	*-1,163.18*	
		For >75 Tons, Deduct	*-581.59*	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

05 12 23 00-0024	TON	Up To 30 Lb./LF Structural WT, MT, ST Tee Shapes	12,153.83	1,502.08
		For ASTM A242 Type 2 High Strength Steel, Add	*744.44*	
		For Hot Dip Galvanizing, Add	*2,605.52*	
		For >10 To 25 Tons, Deduct	*-790.96*	
		For >25 To 50 Tons, Deduct	*-1,628.45*	
		For >50 To 75 Tons, Deduct	*-2,326.36*	
		For >75 Tons, Deduct	*-1,163.18*	
05 12 23 00-0025	TON	>30 To 65 Lb./LF Structural WT, MT, ST Tee Shapes	8,064.24	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*569.18*	
		For Hot Dip Galvanizing, Add	*1,992.14*	
		For >10 To 25 Tons, Deduct	*-604.76*	
		For >25 To 50 Tons, Deduct	*-1,245.09*	
		For >50 To 75 Tons, Deduct	*-1,778.70*	
		For >75 Tons, Deduct	*-889.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0026	TON	>65 To 100 Lb./LF Structural WT, MT, ST Tee Shapes	6,349.97	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*465.27*	
		For Hot Dip Galvanizing, Add	*1,628.45*	
		For >10 To 25 Tons, Deduct	*-494.35*	
		For >25 To 50 Tons, Deduct	*-1,017.78*	
		For >50 To 75 Tons, Deduct	*-1,453.98*	
		For >75 Tons, Deduct	*-726.99*	
05 12 23 00-0027	TON	>100 To 365 Lb./LF Structural WT, MT, ST Tee Shapes	4,666.15	266.51
		For ASTM A242 Type 2 High Strength Steel, Add	*350.50*	
		For Hot Dip Galvanizing, Add	*1,226.77*	
		For >10 To 25 Tons, Deduct	*-372.41*	
		For >25 To 50 Tons, Deduct	*-766.73*	
		For >50 To 75 Tons, Deduct	*-1,095.33*	
		For >75 Tons, Deduct	*-547.66*	

05 12 23 00-0028 Combination Section Shapes *(05 12 23 00-0001)*

05 12 23 00-0029 Combination Section, W Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0030	TON	Up To 30 Lb./LF Combination Section - W Shapes And Angles	11,552.84	1,502.08
		For ASTM A242 Type 2 High Strength Steel, Add	*696.36*	
		For Hot Dip Galvanizing, Add	*2,437.25*	
		For >10 To 25 Tons, Deduct	*-739.88*	
		For >25 To 50 Tons, Deduct	*-1,523.28*	
		For >50 To 75 Tons, Deduct	*-2,176.11*	
		For >75 Tons, Deduct	*-1,088.06*	
05 12 23 00-0031	TON	>30-65 Lb./LF Combination Section - W Shapes And Angles	8,122.41	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*573.84*	
		For Hot Dip Galvanizing, Add	*2,008.43*	
		For >10 To 25 Tons, Deduct	*-609.70*	
		For >25 To 50 Tons, Deduct	*-1,255.27*	
		For >50 To 75 Tons, Deduct	*-1,793.24*	
		For >75 Tons, Deduct	*-896.62*	
05 12 23 00-0032	TON	>65-100 Lb./LF Combination Section - W Shapes And Angles	5,865.31	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*426.50*	
		For Hot Dip Galvanizing, Add	*1,492.75*	
		For >10 To 25 Tons, Deduct	*-453.16*	
		For >25 To 50 Tons, Deduct	*-932.97*	
		For >50 To 75 Tons, Deduct	*-1,332.81*	
		For >75 Tons, Deduct	*-666.41*	
05 12 23 00-0033	TON	>100-300 Lb./LF Combination Section - W Shapes And Angles	5,053.44	266.51
		For ASTM A242 Type 2 High Strength Steel, Add	*381.52*	
		For Hot Dip Galvanizing, Add	*1,335.33*	
		For >10 To 25 Tons, Deduct	*-405.37*	
		For >25 To 50 Tons, Deduct	*-834.58*	
		For >50 To 75 Tons, Deduct	*-1,192.26*	
		For >75 Tons, Deduct	*-596.13*	
05 12 23 00-0034	TON	>300-500 Lb./LF Combination Section - W Shapes And Angles	4,349.26	133.78
		For ASTM A242 Type 2 High Strength Steel, Add	*336.55*	
		For Hot Dip Galvanizing, Add	*1,177.92*	
		For >10 To 25 Tons, Deduct	*-357.58*	
		For >25 To 50 Tons, Deduct	*-736.20*	
		For >50 To 75 Tons, Deduct	*-1,051.71*	
		For >75 Tons, Deduct	*-525.86*	

05 12 23 00-0035 Combination Section, S Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0036	TON	>30-65 Lb./LF Combination Section - S Shapes And Angles	7,812.22	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*549.02*	
		For Hot Dip Galvanizing, Add	*1,921.57*	
		For >10 To 25 Tons, Deduct	*-583.33*	
		For >25 To 50 Tons, Deduct	*-1,200.98*	
		For >50 To 75 Tons, Deduct	*-1,715.69*	
		For >75 Tons, Deduct	*-857.85*	
05 12 23 00-0037	TON	>65-100 Lb./LF Combination Section - S Shapes And Angles	5,884.70	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*428.05*	
		For Hot Dip Galvanizing, Add	*1,498.18*	
		For >10 To 25 Tons, Deduct	*-454.80*	
		For >25 To 50 Tons, Deduct	*-936.36*	
		For >50 To 75 Tons, Deduct	*-1,337.66*	
		For >75 Tons, Deduct	*-668.83*	

05 12 23 00-0038 Combination Section, Channels And Angles *(05 12 23 00-0028)*

05 12 23 00-0039	TON	Up To 30 Lb./LF Combination Section - Channels And Angles	12,153.83	1,502.08
		For ASTM A242 Type 2 High Strength Steel, Add	*744.44*	
		For Hot Dip Galvanizing, Add	*2,605.52*	
		For >10 To 25 Tons, Deduct	*-790.96*	
		For >25 To 50 Tons, Deduct	*-1,628.45*	
		For >50 To 75 Tons, Deduct	*-2,326.36*	
		For >75 Tons, Deduct	*-1,163.18*	
05 12 23 00-0040	TON	>30-65 Lb./LF Combination Section - Channels And Angles	8,510.13	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*604.85*	
		For Hot Dip Galvanizing, Add	*2,116.99*	
		For >10 To 25 Tons, Deduct	*-642.66*	
		For >25 To 50 Tons, Deduct	*-1,323.12*	
		For >50 To 75 Tons, Deduct	*-1,890.17*	
		For >75 Tons, Deduct	*-945.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0041	TON	>65-100 Lb./LF Combination Section - Channels And Angles	6,020.40	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*438.91*	
		For Hot Dip Galvanizing, Add	*1,536.17*	
		For >10 To 25 Tons, Deduct	*-466.34*	
		For >25 To 50 Tons, Deduct	*-960.11*	
		For >50 To 75 Tons, Deduct	*-1,371.58*	
		For >75 Tons, Deduct	*-685.79*	

05 12 23 00-0042 Standard Weight Pipe *(05 12 23 00-0001)*

05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	6,903.04	801.10
		For ASTM A242 Type 2 High Strength Steel, Add	*483.88*	
		For Hot Dip Galvanizing, Add	*1,693.59*	
		For >10 To 25 Tons, Deduct	*-514.13*	
		For >25 To 50 Tons, Deduct	*-1,058.49*	
		For >50 To 75 Tons, Deduct	*-1,512.13*	
		For >75 Tons, Deduct	*-756.07*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	7,388.09	1,001.38
		For ASTM A242 Type 2 High Strength Steel, Add	*505.60*	
		For Hot Dip Galvanizing, Add	*1,769.58*	
		For >10 To 25 Tons, Deduct	*-537.19*	
		For >25 To 50 Tons, Deduct	*-1,105.99*	
		For >50 To 75 Tons, Deduct	*-1,579.99*	
		For >75 Tons, Deduct	*-789.99*	

05 12 23 00-0045 Temporary Steel Support For Structures *(05 12 23 00-0001)*

Note: Includes removal after use.

05 12 23 00-0046	TON	Up To 30 Lb./LF Temporary Steel Support For Structures	9,963.18	
		Note: For all stock sections.		
05 12 23 00-0047	TON	>30 Lb./LF Temporary Steel Support For Structures	6,788.63	
		Note: For all stock sections.		

05 12 23 00-0048 Structural Steel Shapes *(05 12 23)*

Note: Prices by Ton (or Lb.) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0049 Steel Rods *(05 12 23 00-0048)*

05 12 23 00-0050	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	7,414.03	625.93
		For ASTM A242 Type 2 High Strength Steel, Add	*539.72*	
		For Hot Dip Galvanizing, Add	*1,889.00*	
		For >10 To 25 Tons, Deduct	*-573.45*	
		For >25 To 50 Tons, Deduct	*-1,180.63*	
		For >50 To 75 Tons, Deduct	*-1,686.61*	
		For >75 Tons, Deduct	*-843.31*	
05 12 23 00-0051	TON	>5" To 12" Diameter Extra Strong Steel, Solid	8,510.13	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*604.85*	
		For Hot Dip Galvanizing, Add	*2,116.99*	
		For >10 To 25 Tons, Deduct	*-642.66*	
		For >25 To 50 Tons, Deduct	*-1,323.12*	
		For >50 To 75 Tons, Deduct	*-1,890.17*	
		For >75 Tons, Deduct	*-945.08*	

05 12 23 00-0052 Column Base Plates *(05 12 23 00-0048)*

05 12 23 00-0053	LB	Column Base Plates, Up To 150 Lb. / Each, A36 Miscellaneous Steel Items	3.76	0.81
		For ASTM A242 Type 2 High Strength Steel, Add	*0.23*	
		For Hot Dip Galvanizing, Add	*0.81*	
05 12 23 00-0054	LB	Column Base Plates, >150 Lb. / Each, A36 Miscellaneous Steel Items	3.53	0.69
		For ASTM A242 Type 2 High Strength Steel, Add	*0.22*	
		For Hot Dip Galvanizing, Add	*0.77*	
05 12 23 00-0055	TON	Column Base Plates, Up To 150 Lb. Each, A36 Miscellaneous Steel Items	6,763.18	718.37
		For ASTM A242 Type 2 High Strength Steel, Add	*479.75*	
		For Hot Dip Galvanizing, Add	*1,679.14*	
		For >10 To 25 Tons, Deduct	*-509.74*	
		For >25 To 50 Tons, Deduct	*-1,049.46*	
		For >50 To 75 Tons, Deduct	*-1,499.23*	
		For >75 Tons, Deduct	*-749.62*	
05 12 23 00-0056	TON	Column Base Plates, >150 Lb. Each, A36 Miscellaneous Steel Items	4,797.25	431.02
		For ASTM A242 Type 2 High Strength Steel, Add	*347.00*	
		For Hot Dip Galvanizing, Add	*1,214.50*	
		For >10 To 25 Tons, Deduct	*-368.69*	
		For >25 To 50 Tons, Deduct	*-759.06*	
		For >50 To 75 Tons, Deduct	*-1,084.38*	
		For >75 Tons, Deduct	*-542.19*	

05 12 23 00-0057 Double Extra Strong Pipes *(05 12 23 00-0048)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0058	TON	2" To 5" Diameter Double Extra Strong Pipe	8,936.49	1,144.39
		For ASTM A242 Type 2 High Strength Steel, Add	*617.26*	
		For Hot Dip Galvanizing, Add	*2,160.41*	
		For >10 To 25 Tons, Deduct	*-655.84*	
		For >25 To 50 Tons, Deduct	*-1,350.26*	
		For >50 To 75 Tons, Deduct	*-1,928.94*	
		For >75 Tons, Deduct	*-964.47*	
05 12 23 00-0059	TON	>5" To 8" Diameter Double Extra Strong Pipe	8,373.08	616.18
		For ASTM A242 Type 2 High Strength Steel, Add	*617.26*	
		For Hot Dip Galvanizing, Add	*2,160.41*	
		For >10 To 25 Tons, Deduct	*-655.84*	
		For >25 To 50 Tons, Deduct	*-1,350.26*	
		For >50 To 75 Tons, Deduct	*-1,928.94*	
		For >75 Tons, Deduct	*-964.47*	

05 12 23 00-0060 Structural Pipes *(05 12 23 00-0048)*

05 12 23 00-0061	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,241.68	528.74
		For ASTM A242 Type 2 High Strength Steel, Add	*434.25*	
		For Hot Dip Galvanizing, Add	*1,519.89*	
		For >10 To 25 Tons, Deduct	*-461.39*	
		For >25 To 50 Tons, Deduct	*-949.93*	
		For >50 To 75 Tons, Deduct	*-1,357.04*	
		For >75 Tons, Deduct	*-678.52*	
05 12 23 00-0062	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,773.44	609.78
		For ASTM A242 Type 2 High Strength Steel, Add	*434.25*	
		For Hot Dip Galvanizing, Add	*1,519.89*	
		For >10 To 25 Tons, Deduct	*-461.39*	
		For >25 To 50 Tons, Deduct	*-949.93*	
		For >50 To 75 Tons, Deduct	*-1,357.04*	
		For >75 Tons, Deduct	*-678.52*	

05 12 23 00-0063 Structural Tubing *(05 12 23 00-0048)*

05 12 23 00-0064 Rectangle Structural Tubing *(05 12 23 00-0063)*

05 12 23 00-0065	TON	3" x 2" Weight Range 5-7 Lb./LF Structural Tubing - Rectangle	10,262.83	534.07
		For ASTM A242 Type 2 High Strength Steel, Add	*775.45*	
		For Hot Dip Galvanizing, Add	*2,714.08*	
		For >10 To 25 Tons, Deduct	*-823.92*	
		For >25 To 50 Tons, Deduct	*-1,696.30*	
		For >50 To 75 Tons, Deduct	*-2,423.29*	
		For >75 Tons, Deduct	*-1,211.65*	
05 12 23 00-0066	TON	4" x 3", 2" Weight Range 6-13 Lb./LF Structural Tubing - Rectangle	10,350.48	616.18
		For ASTM A242 Type 2 High Strength Steel, Add	*775.45*	
		For Hot Dip Galvanizing, Add	*2,714.08*	
		For >10 To 25 Tons, Deduct	*-823.92*	
		For >25 To 50 Tons, Deduct	*-1,696.30*	
		For >50 To 75 Tons, Deduct	*-2,423.29*	
		For >75 Tons, Deduct	*-1,211.65*	
05 12 23 00-0067	TON	5" x 4", 3", 2" Weight Range 8-20 Lb./LF Structural Tubing - Rectangle	9,048.22	667.59
		For ASTM A242 Type 2 High Strength Steel, Add	*666.89*	
		For Hot Dip Galvanizing, Add	*2,334.11*	
		For >10 To 25 Tons, Deduct	*-708.57*	
		For >25 To 50 Tons, Deduct	*-1,458.82*	
		For >50 To 75 Tons, Deduct	*-2,084.03*	
		For >75 Tons, Deduct	*-1,042.02*	
05 12 23 00-0068	TON	6" x 4", 3", 2" Weight Range 9-29 Lb./LF Structural Tubing - Rectangle	8,609.04	801.10
		For ASTM A242 Type 2 High Strength Steel, Add	*620.36*	
		For Hot Dip Galvanizing, Add	*2,171.27*	
		For >10 To 25 Tons, Deduct	*-659.14*	
		For >25 To 50 Tons, Deduct	*-1,357.04*	
		For >50 To 75 Tons, Deduct	*-1,938.63*	
		For >75 Tons, Deduct	*-969.32*	
05 12 23 00-0069	TON	7" x 5", 4", 3" Weight Range 12-35 Lb./LF Structural Tubing - Rectangle	8,477.30	890.03
		For ASTM A242 Type 2 High Strength Steel, Add	*602.23*	
		For Hot Dip Galvanizing, Add	*2,107.80*	
		For >10 To 25 Tons, Deduct	*-639.87*	
		For >25 To 50 Tons, Deduct	*-1,317.37*	
		For >50 To 75 Tons, Deduct	*-1,881.96*	
		For >75 Tons, Deduct	*-940.98*	
05 12 23 00-0070	TON	8" x 6", 4", 3", 2" Weight Range 11-42 Lb./LF Structural Tubing - Rectangle	8,664.22	1,231.70
		For ASTM A242 Type 2 High Strength Steel, Add	*588.03*	
		For Hot Dip Galvanizing, Add	*2,058.11*	
		For >10 To 25 Tons, Deduct	*-624.78*	
		For >25 To 50 Tons, Deduct	*-1,286.32*	
		For >50 To 75 Tons, Deduct	*-1,837.60*	
		For >75 Tons, Deduct	*-918.80*	
05 12 23 00-0071	TON	10" x 6", 4", 2" Weight Range 15-50 Lb./LF Structural Tubing - Rectangle	9,064.85	1,628.25
		For ASTM A242 Type 2 High Strength Steel, Add	*586.24*	
		For Hot Dip Galvanizing, Add	*2,051.85*	
		For >10 To 25 Tons, Deduct	*-622.88*	
		For >25 To 50 Tons, Deduct	*-1,282.41*	
		For >50 To 75 Tons, Deduct	*-1,832.01*	
		For >75 Tons, Deduct	*-916.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0072	TON	12" x 6", 4", 2" Weight Range 17-76 Lb./LF Structural Tubing - Rectangle	9,302.82	1,778.59
		For ASTM A242 Type 2 High Strength Steel, Add	*592.45*	
		For Hot Dip Galvanizing, Add	*2,073.56*	
		For >10 To 25 Tons, Deduct	*-629.47*	
		For >25 To 50 Tons, Deduct	*-1,295.98*	
		For >50 To 75 Tons, Deduct	*-1,851.40*	
		For >75 Tons, Deduct	*-925.70*	
05 12 23 00-0073	TON	14" x 10", 6", 4" Weight Range 29-76 Lb./LF Structural Tubing - Rectangle	9,541.87	2,002.77
		For ASTM A242 Type 2 High Strength Steel, Add	*592.45*	
		For Hot Dip Galvanizing, Add	*2,073.56*	
		For >10 To 25 Tons, Deduct	*-629.47*	
		For >25 To 50 Tons, Deduct	*-1,295.98*	
		For >50 To 75 Tons, Deduct	*-1,851.40*	
		For >75 Tons, Deduct	*-925.70*	
05 12 23 00-0074	TON	16" x 12", 8", 4" Weight Range 40-90 Lb./LF Structural Tubing - Rectangle	10,176.41	2,670.36
		For ASTM A242 Type 2 High Strength Steel, Add	*586.24*	
		For Hot Dip Galvanizing, Add	*2,051.85*	
		For >10 To 25 Tons, Deduct	*-622.88*	
		For >25 To 50 Tons, Deduct	*-1,282.41*	
		For >50 To 75 Tons, Deduct	*-1,832.01*	
		For >75 Tons, Deduct	*-916.00*	
05 12 23 00-0075	TON	18" x 6", 4" Weight Range 48-76 Lb./LF Structural Tubing - Rectangle	11,622.17	4,207.55
		For ASTM A242 Type 2 High Strength Steel, Add	*570.73*	
		For Hot Dip Galvanizing, Add	*1,997.57*	
		For >10 To 25 Tons, Deduct	*-606.40*	
		For >25 To 50 Tons, Deduct	*-1,248.48*	
		For >50 To 75 Tons, Deduct	*-1,783.54*	
		For >75 Tons, Deduct	*-891.77*	
05 12 23 00-0076	TON	20" x 12", 8", 4" Weight Range 48-105 Lb./LF Structural Tubing - Rectangle	13,365.12	6,143.57
		For ASTM A242 Type 2 High Strength Steel, Add	*544.97*	
		For Hot Dip Galvanizing, Add	*1,907.39*	
		For >10 To 25 Tons, Deduct	*-579.03*	
		For >25 To 50 Tons, Deduct	*-1,192.12*	
		For >50 To 75 Tons, Deduct	*-1,703.02*	
		For >75 Tons, Deduct	*-851.51*	

05 12 23 00-0077 Square Structural Tubing *(05 12 23 00-0063)*

05 12 23 00-0078	TON	2" x 2" Weight Range 4-6 Lb./LF Structural Tubing - Square	10,227.23	500.69
		For ASTM A242 Type 2 High Strength Steel, Add	*775.45*	
		For Hot Dip Galvanizing, Add	*2,714.08*	
		For >10 To 25 Tons, Deduct	*-823.92*	
		For >25 To 50 Tons, Deduct	*-1,696.30*	
		For >50 To 75 Tons, Deduct	*-2,423.29*	
		For >75 Tons, Deduct	*-1,211.65*	
05 12 23 00-0079	TON	2.5" x 2.5" Weight Range 5-8 Lb./LF Structural Tubing - Square	10,262.83	534.07
		For ASTM A242 Type 2 High Strength Steel, Add	*775.45*	
		For Hot Dip Galvanizing, Add	*2,714.08*	
		For >10 To 25 Tons, Deduct	*-823.92*	
		For >25 To 50 Tons, Deduct	*-1,696.30*	
		For >50 To 75 Tons, Deduct	*-2,423.29*	
		For >75 Tons, Deduct	*-1,211.65*	
05 12 23 00-0080	TON	3" x 3" Weight Range 6-11 Lb./LF Structural Tubing - Square	9,242.08	667.59
		For ASTM A242 Type 2 High Strength Steel, Add	*682.40*	
		For Hot Dip Galvanizing, Add	*2,388.39*	
		For >10 To 25 Tons, Deduct	*-725.05*	
		For >25 To 50 Tons, Deduct	*-1,492.75*	
		For >50 To 75 Tons, Deduct	*-2,132.50*	
		For >75 Tons, Deduct	*-1,066.25*	
05 12 23 00-0081	TON	3.5" x 3.5" Weight Range 8-13 Lb./LF Structural Tubing - Square	9,190.63	801.10
		For ASTM A242 Type 2 High Strength Steel, Add	*666.89*	
		For Hot Dip Galvanizing, Add	*2,334.11*	
		For >10 To 25 Tons, Deduct	*-708.57*	
		For >25 To 50 Tons, Deduct	*-1,458.82*	
		For >50 To 75 Tons, Deduct	*-2,084.03*	
		For >75 Tons, Deduct	*-1,042.02*	
05 12 23 00-0082	TON	4" x 4" Weight Range 10-22 Lb./LF Structural Tubing - Square	7,426.86	1,001.38
		For ASTM A242 Type 2 High Strength Steel, Add	*508.70*	
		For Hot Dip Galvanizing, Add	*1,780.44*	
		For >10 To 25 Tons, Deduct	*-540.49*	
		For >25 To 50 Tons, Deduct	*-1,112.77*	
		For >50 To 75 Tons, Deduct	*-1,589.68*	
		For >75 Tons, Deduct	*-794.84*	
05 12 23 00-0083	TON	5" x 5" Weight Range 12-30 Lb./LF Structural Tubing - Square	7,579.44	1,144.39
		For ASTM A242 Type 2 High Strength Steel, Add	*508.70*	
		For Hot Dip Galvanizing, Add	*1,780.44*	
		For >10 To 25 Tons, Deduct	*-540.49*	
		For >25 To 50 Tons, Deduct	*-1,112.77*	
		For >50 To 75 Tons, Deduct	*-1,589.68*	
		For >75 Tons, Deduct	*-794.84*	
05 12 23 00-0084	TON	6" x 6" Weight Range 15-35 Lb./LF Structural Tubing - Square	8,067.74	1,602.22
		For ASTM A242 Type 2 High Strength Steel, Add	*508.70*	
		For Hot Dip Galvanizing, Add	*1,780.44*	
		For >10 To 25 Tons, Deduct	*-540.49*	
		For >25 To 50 Tons, Deduct	*-1,112.77*	
		For >50 To 75 Tons, Deduct	*-1,589.68*	
		For >75 Tons, Deduct	*-794.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0085	TON	7" x 7" Weight Range 17-42 Lb./LF Structural Tubing - Square	8,611.32	2,002.77
		For ASTM A242 Type 2 High Strength Steel, Add	*518.00*	
		For Hot Dip Galvanizing, Add	*1,813.01*	
		For >10 To 25 Tons, Deduct	*-550.38*	
		For >25 To 50 Tons, Deduct	*-1,133.13*	
		For >50 To 75 Tons, Deduct	*-1,618.76*	
		For >75 Tons, Deduct	*-809.38*	
05 12 23 00-0086	TON	8" x 8" Weight Range 20-60 Lb./LF Structural Tubing - Square	10,370.28	2,670.36
		For ASTM A242 Type 2 High Strength Steel, Add	*601.75*	
		For Hot Dip Galvanizing, Add	*2,106.13*	
		For >10 To 25 Tons, Deduct	*-639.36*	
		For >25 To 50 Tons, Deduct	*-1,316.33*	
		For >50 To 75 Tons, Deduct	*-1,880.47*	
		For >75 Tons, Deduct	*-940.24*	
05 12 23 00-0087	TON	10" x 10" Weight Range 33-77 Lb./LF Structural Tubing - Square	11,794.46	4,005.54
		For ASTM A242 Type 2 High Strength Steel, Add	*601.75*	
		For Hot Dip Galvanizing, Add	*2,106.13*	
		For >10 To 25 Tons, Deduct	*-639.36*	
		For >25 To 50 Tons, Deduct	*-1,316.33*	
		For >50 To 75 Tons, Deduct	*-1,880.47*	
		For >75 Tons, Deduct	*-940.24*	
05 12 23 00-0088	TON	12" x 12" Weight Range 40-80 Lb./LF Structural Tubing - Square	11,489.79	4,701.30
		For ASTM A242 Type 2 High Strength Steel, Add	*518.00*	
		For Hot Dip Galvanizing, Add	*1,813.01*	
		For >10 To 25 Tons, Deduct	*-550.38*	
		For >25 To 50 Tons, Deduct	*-1,133.13*	
		For >50 To 75 Tons, Deduct	*-1,618.76*	
		For >75 Tons, Deduct	*-809.38*	
05 12 23 00-0089	TON	14" x 14" Weight Range 57-90 Lb./LF Structural Tubing - Square	13,919.83	6,143.57
		For ASTM A242 Type 2 High Strength Steel, Add	*589.34*	
		For Hot Dip Galvanizing, Add	*2,062.70*	
		For >10 To 25 Tons, Deduct	*-626.18*	
		For >25 To 50 Tons, Deduct	*-1,289.19*	
		For >50 To 75 Tons, Deduct	*-1,841.70*	
		For >75 Tons, Deduct	*-920.85*	
05 12 23 00-0090	TON	16" x 16" Weight Range 65-105 Lb./LF Structural Tubing - Square	16,067.04	8,011.08
		For ASTM A242 Type 2 High Strength Steel, Add	*601.75*	
		For Hot Dip Galvanizing, Add	*2,106.13*	
		For >10 To 25 Tons, Deduct	*-639.36*	
		For >25 To 50 Tons, Deduct	*-1,316.33*	
		For >50 To 75 Tons, Deduct	*-1,880.47*	
		For >75 Tons, Deduct	*-940.24*	
05 12 23 00-0091		**Galvanized Steel Pipe Tubing** *(05 12 23 00-0063)*		
		Note: ASTM A53 Grade B		
05 12 23 00-0092	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	39.79	5.84
05 12 23 00-0093	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	43.95	6.95
05 12 23 00-0094	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	49.49	9.23
05 12 23 00-0095	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	53.54	10.29
05 12 23 00-0096	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	56.17	11.13
05 12 23 00-0097	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	63.66	13.90
05 12 23 00-0098	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	71.17	16.68
05 12 23 00-0099	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	78.81	20.02
05 12 23 00-0100	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	89.64	24.47
05 12 23 00-0101	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	107.16	31.15
05 12 23 00-0102		**Structural Shapes** *(05 12 23 00-0048)*		
05 12 23 00-0103	TON	Up To 20 Lb./LF Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts	8,315.47	2,873.46
		For ASTM A242 Type 2 High Strength Steel, Add	*300.35*	
		For Hot Dip Galvanizing, Add	*1,051.24*	
		For >20 To 50 Lb./LF, Deduct	*-1,059.60*	
		For >50 To 75 Lb./LF, Deduct	*-1,703.42*	
		For >75 To 100 Lb./LF, Deduct	*-2,347.25*	
		For >10 To 25 Tons, Deduct	*-319.13*	
		For >25 To 50 Tons, Deduct	*-657.03*	
		For >50 To 75 Tons, Deduct	*-938.61*	
		For >75 Tons, Deduct	*-469.30*	
05 12 23 00-0104	TON	Structural Shapes, Steel Plate A36 Structural Steel	7,732.19	1,149.39
		Note: Up to 21.5 Lb. per SF		
		For ASTM A242 Type 2 High Strength Steel, Add	*496.30*	
		For Hot Dip Galvanizing, Add	*1,737.05*	
		For >21.5 To 50 Lb./LF, Deduct	*-849.64*	
		For >10 To 25 Tons, Deduct	*-527.32*	
		For >25 To 50 Tons, Deduct	*-1,085.66*	
		For >50 To 75 Tons, Deduct	*-1,550.94*	
		For >75 Tons, Deduct	*-775.47*	
05 12 23 00-0105	LB	Up To 20 Lb./LF Structural Shapes, Primed Pipe Supports	4.49	0.26
05 12 23 00-0106	LB	Structural Shapes, Galvanized Pipe Supports	5.46	0.26
05 12 23 00-0107		**Built-Up Trusses** *(05 12 23 00-0048)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0108	TON	Up To 50 LF Span Average Weight 100 Lb./LF Trusses, Built-up	8,317.49	400.55
		For >10 To 25 Tons, Deduct	*-670.67*	
		For >25 To 50 Tons, Deduct	*-1,380.79*	
		For >50 To 75 Tons, Deduct	*-1,972.56*	
		For >75 Tons, Deduct	*-986.28*	
05 12 23 00-0109	TON	>50-100 LF Span Average Weight 120 Lb./LF Trusses, Built-up	8,205.14	222.44
		For >10 To 25 Tons, Deduct	*-677.26*	
		For >25 To 50 Tons, Deduct	*-1,394.36*	
		For >50 To 75 Tons, Deduct	*-1,991.95*	
		For >75 Tons, Deduct	*-995.97*	
05 12 23 00-0110	TON	>100-200 LF Span Average Weight 150 Lb./LF Trusses, Built-up	7,298.60	117.76
		For >10 To 25 Tons, Deduct	*-609.70*	
		For >25 To 50 Tons, Deduct	*-1,255.26*	
		For >50 To 75 Tons, Deduct	*-1,793.24*	
		For >75 Tons, Deduct	*-896.62*	
05 12 23 00-0111	TON	>200 LF Span Average Weight 180 Lb./LF Trusses, Built-up	7,097.77	111.35
		For >10 To 25 Tons, Deduct	*-593.22*	
		For >25 To 50 Tons, Deduct	*-1,221.34*	
		For >50 To 75 Tons, Deduct	*-1,744.77*	
		For >75 Tons, Deduct	*-872.39*	

05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps *(05 12 23 00-0048)*

Note: Includes shop fabrication, welds, drilling and shop primer.

05 12 23 00-0113	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	28.45	8.28
05 12 23 00-0114	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	42.69	12.37
05 12 23 00-0115	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	56.91	16.50
05 12 23 00-0116	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	71.14	20.63
05 12 23 00-0117	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	85.37	24.63
05 12 23 00-0118	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	99.59	28.87
05 12 23 00-0119	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	113.82	33.00
05 12 23 00-0120	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	128.06	37.12
05 12 23 00-0121	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	142.28	41.25
05 12 23 00-0122	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	156.51	45.38
05 12 23 00-0123	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	170.74	49.50
05 12 23 00-0124	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	184.96	53.62
05 12 23 00-0125	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	199.20	57.75
05 12 23 00-0126	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	213.42	61.87
05 12 23 00-0127	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	227.65	66.00

05 12 23 00-0128 Accessories For Steel *(05 12 23)*

05 12 23 00-0129 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0128)*

05 12 23 00-0130	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.43

05 12 23 00-0131 Connection And Stiffener Plates *(05 12 23 00-0128)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0132	TON	1/8" Plate Weight 6.16 Lb./SF Connection And Stiffener Plates	17,909.63
		For >10 To 25 Tons, Deduct	*-1,522.32*
		For >25 To 50 Tons, Deduct	*-3,134.19*
		For >50 To 75 Tons, Deduct	*-4,477.41*
		For >75 Tons, Deduct	*-2,238.70*
05 12 23 00-0133	TON	3/16" Plate Weight 8.71 Lb./SF Connection And Stiffener Plates	15,280.42
		For >10 To 25 Tons, Deduct	*-1,298.84*
		For >25 To 50 Tons, Deduct	*-2,674.07*
		For >50 To 75 Tons, Deduct	*-3,820.11*
		For >75 Tons, Deduct	*-1,910.05*
05 12 23 00-0134	TON	1/4" Plate Weight 11.26 Lb./SF Connection And Stiffener Plates	11,816.66
		For >10 To 25 Tons, Deduct	*-1,004.42*
		For >25 To 50 Tons, Deduct	*-2,067.92*
		For >50 To 75 Tons, Deduct	*-2,954.17*
		For >75 Tons, Deduct	*-1,477.08*
05 12 23 00-0135	TON	5/16" Plate Weight 13.81 Lb./SF Connection And Stiffener Plates	11,816.66
		For >10 To 25 Tons, Deduct	*-1,004.42*
		For >25 To 50 Tons, Deduct	*-2,067.92*
		For >50 To 75 Tons, Deduct	*-2,954.17*
		For >75 Tons, Deduct	*-1,477.08*
05 12 23 00-0136	TON	3/8" Plate Weight 16.37 Lb./SF Connection And Stiffener Plates	11,816.66
		For >10 To 25 Tons, Deduct	*-1,004.42*
		For >25 To 50 Tons, Deduct	*-2,067.92*
		For >50 To 75 Tons, Deduct	*-2,954.17*
		For >75 Tons, Deduct	*-1,477.08*
05 12 23 00-0137	TON	1/2" Plate Weight 21.47 Lb./SF Connection And Stiffener Plates	11,816.66
		For >10 To 25 Tons, Deduct	*-1,004.42*
		For >25 To 50 Tons, Deduct	*-2,067.92*
		For >50 To 75 Tons, Deduct	*-2,954.17*
		For >75 Tons, Deduct	*-1,477.08*
05 12 23 00-0138	TON	9/16" Plate Weight 24.02 Lb./SF Connection And Stiffener Plates	11,816.66
		For >10 To 25 Tons, Deduct	*-1,004.42*
		For >25 To 50 Tons, Deduct	*-2,067.92*
		For >50 To 75 Tons, Deduct	*-2,954.17*
		For >75 Tons, Deduct	*-1,477.08*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0139	TON	5/8" Plate Weight 26.58 Lb./SF Connection And Stiffener Plates	11,816.66	
		For >10 To 25 Tons, Deduct	*-1,004.42*	
		For >25 To 50 Tons, Deduct	*-2,067.92*	
		For >50 To 75 Tons, Deduct	*-2,954.17*	
		For >75 Tons, Deduct	*-1,477.08*	
05 12 23 00-0140	TON	3/4" Plate Weight 31.68 Lb./SF Connection And Stiffener Plates	11,078.12	
		For >10 To 25 Tons, Deduct	*-941.64*	
		For >25 To 50 Tons, Deduct	*-1,938.67*	
		For >50 To 75 Tons, Deduct	*-2,769.53*	
		For >75 Tons, Deduct	*-1,384.77*	
05 12 23 00-0141	TON	7/8" Plate Weight 36.78 Lb./SF Connection And Stiffener Plates	11,078.12	
		For >10 To 25 Tons, Deduct	*-941.64*	
		For >25 To 50 Tons, Deduct	*-1,938.67*	
		For >50 To 75 Tons, Deduct	*-2,769.53*	
		For >75 Tons, Deduct	*-1,384.77*	
05 12 23 00-0142	TON	1" Plate Weight 41.89 Lb./SF Connection And Stiffener Plates	11,078.12	
		For >10 To 25 Tons, Deduct	*-941.64*	
		For >25 To 50 Tons, Deduct	*-1,938.67*	
		For >50 To 75 Tons, Deduct	*-2,769.53*	
		For >75 Tons, Deduct	*-1,384.77*	

05 12 23 00-0143 Field Applied Cold Galvanizing *(05 12 23 00-0128)*

05 12 23 00-0144	SF	Brush Applied Cold Galvanizing	1.90	

05 12 23 00-0145 Metal Grinding *(05 12 23 00-0128)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0146	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	1.15	

05 12 23 00-0147 Structural Steel For Buildings And Structures *(05 12 23)*

Note: Prices by Ton (or Lb.) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.

05 12 23 00-0148 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0147)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0149	LF	W14 x 730 A992/A36 Structural Column	1,496.51	79.70
		For Hot Dip Galvanizing, Add	*391.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*134.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*299.30*	
05 12 23 00-0150	LF	W14 x 665 A992/A36 Structural Column	1,365.05	74.29
		For Hot Dip Galvanizing, Add	*356.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*122.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*273.01*	
05 12 23 00-0151	LF	W14 x 605 A992/A36 Structural Column	1,243.57	69.15
		For Hot Dip Galvanizing, Add	*324.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*111.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*248.71*	
05 12 23 00-0152	LF	W14 x 550 A992/A36 Structural Column	1,132.07	64.31
		For Hot Dip Galvanizing, Add	*295.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*101.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*226.41*	
05 12 23 00-0153	LF	W14 x 500 A992/A36 Structural Column	1,040.91	69.43
		For Hot Dip Galvanizing, Add	*268.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*93.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*208.18*	
05 12 23 00-0154	LF	W14 x 426 A992/A36 Structural Column	888.32	60.62
		For Hot Dip Galvanizing, Add	*228.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*79.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*177.66*	
05 12 23 00-0155	LF	W14 x 342 A992/A36 Structural Column	718.86	52.47
		For Hot Dip Galvanizing, Add	*183.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*64.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*143.77*	
05 12 23 00-0156	LF	W14 x 311 A992/A36 Structural Column	647.73	49.00
		For Hot Dip Galvanizing, Add	*165.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*58.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*129.55*	
05 12 23 00-0157	LF	W14 x 283 A992/A36 Structural Column	588.18	46.20
		For Hot Dip Galvanizing, Add	*149.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*52.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*117.64*	
05 12 23 00-0158	LF	W14 x 257 A992/A36 Structural Column	517.49	43.79
		For Hot Dip Galvanizing, Add	*130.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*103.50*	
05 12 23 00-0159	LF	W14 x 233 A992/A36 Structural Column	476.30	40.72
		For Hot Dip Galvanizing, Add	*120.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*95.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0160	LF	W14 x 211 A992/A36 Structural Column	423.92	37.92
		For Hot Dip Galvanizing, Add	*106.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*84.78*	
05 12 23 00-0161	LF	W14 x 193 A992/A36 Structural Column	383.69	36.05
		For Hot Dip Galvanizing, Add	*95.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*76.74*	
05 12 23 00-0162	LF	W14 x 176 A992/A36 Structural Column	346.12	34.45
		For Hot Dip Galvanizing, Add	*85.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.22*	
05 12 23 00-0163	LF	W14 x 159 A992/A36 Structural Column	313.27	33.25
		For Hot Dip Galvanizing, Add	*77.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*62.65*	
05 12 23 00-0164	LF	W14 x 145 A992/A36 Structural Column	302.77	32.18
		For Hot Dip Galvanizing, Add	*74.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*60.55*	
05 12 23 00-0165	LF	W14 x 132 A992/A36 Structural Column	259.40	30.71
		For Hot Dip Galvanizing, Add	*62.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.88*	
05 12 23 00-0166	LF	W14 x 120 A992/A36 Structural Column	243.40	29.91
		For Hot Dip Galvanizing, Add	*58.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.68*	
05 12 23 00-0167	LF	W14 x 109 A992/A36 Structural Column	218.23	28.71
		For Hot Dip Galvanizing, Add	*52.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.65*	
05 12 23 00-0168	LF	W14 x 99 A992/A36 Structural Column	199.38	27.91
		For Hot Dip Galvanizing, Add	*47.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.88*	
05 12 23 00-0169	LF	W14 x 90 A992/A36 Structural Column	185.44	27.23
		For Hot Dip Galvanizing, Add	*43.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.09*	
05 12 23 00-0170	LF	W14 x 82 A992/A36 Structural Column	171.03	26.44
		For Hot Dip Galvanizing, Add	*39.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.21*	
05 12 23 00-0171	LF	W14 x 74 A992/A36 Structural Column	154.71	25.77
		For Hot Dip Galvanizing, Add	*35.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.94*	
05 12 23 00-0172	LF	W14 x 68 A992/A36 Structural Column	144.71	25.37
		For Hot Dip Galvanizing, Add	*32.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.94*	
05 12 23 00-0173	LF	W14 x 61 A992/A36 Structural Column	132.21	24.70
		For Hot Dip Galvanizing, Add	*29.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.44*	
05 12 23 00-0174	LF	W14 x 53 A992/A36 Structural Column	120.67	24.03
		For Hot Dip Galvanizing, Add	*26.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.13*	
05 12 23 00-0175	LF	W14 x 48 A992/A36 Structural Column	113.23	23.63
		For Hot Dip Galvanizing, Add	*24.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.65*	
05 12 23 00-0176	LF	W14 x 43 A992/A36 Structural Column	102.45	23.23
		For Hot Dip Galvanizing, Add	*21.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.49*	
05 12 23 00-0177	LF	W12 x 336 A992/A36 Structural Column	682.31	35.49
		For Hot Dip Galvanizing, Add	*178.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*61.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*136.46*	
05 12 23 00-0178	LF	W12 x 305 A992/A36 Structural Column	622.10	34.79
		For Hot Dip Galvanizing, Add	*162.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*55.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*124.42*	
05 12 23 00-0179	LF	W12 x 279 A992/A36 Structural Column	571.77	34.37
		For Hot Dip Galvanizing, Add	*148.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*51.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*114.35*	
05 12 23 00-0180	LF	W12 x 252 A992/A36 Structural Column	519.07	33.51
		For Hot Dip Galvanizing, Add	*134.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.72*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*103.81*	
05 12 23 00-0181	LF	W12 x 230 A992/A36 Structural Column	476.37	33.03
		For Hot Dip Galvanizing, Add	*122.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*95.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0182	LF	W12 x 210 A992/A36 Structural Column	437.51	32.56
		For Hot Dip Galvanizing, Add	*111.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*87.50*	
05 12 23 00-0183	LF	W12 x 190 A992/A36 Structural Column	403.82	36.85
		For Hot Dip Galvanizing, Add	*101.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*80.76*	
05 12 23 00-0184	LF	W12 x 170 A992/A36 Structural Column	365.27	35.78
		For Hot Dip Galvanizing, Add	*90.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*73.05*	
05 12 23 00-0185	LF	W12 x 152 A992/A36 Structural Column	329.43	33.25
		For Hot Dip Galvanizing, Add	*81.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*65.89*	
05 12 23 00-0186	LF	W12 x 136 A992/A36 Structural Column	313.29	32.31
		For Hot Dip Galvanizing, Add	*77.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*62.66*	
05 12 23 00-0187	LF	W12 x 120 A992/A36 Structural Column	237.99	29.64
		For Hot Dip Galvanizing, Add	*57.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.60*	
05 12 23 00-0188	LF	W12 x 106 A992/A36 Structural Column	219.51	28.71
		For Hot Dip Galvanizing, Add	*52.43*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.90*	
05 12 23 00-0189	LF	W12 x 96 A992/A36 Structural Column	196.69	27.77
		For Hot Dip Galvanizing, Add	*46.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.34*	
05 12 23 00-0190	LF	W12 x 87 A992/A36 Structural Column	181.65	26.84
		For Hot Dip Galvanizing, Add	*42.44*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.33*	
05 12 23 00-0191	LF	W12 x 79 A992/A36 Structural Column	159.75	26.03
		For Hot Dip Galvanizing, Add	*36.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.95*	
05 12 23 00-0192	LF	W12 x 72 A992/A36 Structural Column	146.44	25.37
		For Hot Dip Galvanizing, Add	*33.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.18*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.29*	
05 12 23 00-0193	LF	W12 x 65 A992/A36 Structural Column	134.11	24.83
		For Hot Dip Galvanizing, Add	*29.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.82*	
05 12 23 00-0194	LF	W12 x 58 A992/A36 Structural Column	129.84	24.57
		For Hot Dip Galvanizing, Add	*28.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.97*	
05 12 23 00-0195	LF	W12 x 53 A992/A36 Structural Column	120.67	24.03
		For Hot Dip Galvanizing, Add	*26.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.13*	
05 12 23 00-0196	LF	W12 x 50 A992/A36 Structural Column	117.02	23.90
		For Hot Dip Galvanizing, Add	*25.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.40*	
05 12 23 00-0197	LF	W12 x 45 A992/A36 Structural Column	106.56	23.37
		For Hot Dip Galvanizing, Add	*22.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.59*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.31*	
05 12 23 00-0198	LF	W12 x 40 A992/A36 Structural Column	95.79	22.83
		For Hot Dip Galvanizing, Add	*19.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.16*	
05 12 23 00-0199	LF	W10 x 112 A992/A36 Structural Column	229.48	29.24
		For Hot Dip Galvanizing, Add	*55.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*45.90*	
05 12 23 00-0200	LF	W10 x 110 A992/A36 Structural Column	207.81	28.04
		For Hot Dip Galvanizing, Add	*49.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*41.56*	
05 12 23 00-0201	LF	W10 x 88 A992/A36 Structural Column	187.06	27.10
		For Hot Dip Galvanizing, Add	*43.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.41*	
05 12 23 00-0202	LF	W10 x 77 A992/A36 Structural Column	166.63	26.03
		For Hot Dip Galvanizing, Add	*38.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.33*	
05 12 23 00-0203	LF	W10 x 68 A992/A36 Structural Column	150.31	25.37
		For Hot Dip Galvanizing, Add	*34.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0204	LF	W10 x 60 A992/A36 Structural Column	132.21	24.70
		For Hot Dip Galvanizing, Add	*29.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.44*	
05 12 23 00-0205	LF	W10 x 54 A992/A36 Structural Column	131.30	24.30
		For Hot Dip Galvanizing, Add	*29.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.26*	
05 12 23 00-0206	LF	W10 x 49 A992/A36 Structural Column	115.60	23.90
		For Hot Dip Galvanizing, Add	*25.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.12*	
05 12 23 00-0207	LF	W10 x 45 A992/A36 Structural Column	111.65	23.50
		For Hot Dip Galvanizing, Add	*24.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.05*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.33*	
05 12 23 00-0208	LF	W10 x 39 A992/A36 Structural Column	97.52	23.10
		For Hot Dip Galvanizing, Add	*20.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.50*	
05 12 23 00-0209	LF	W10 x 33 A992/A36 Structural Column	85.33	22.43
		For Hot Dip Galvanizing, Add	*17.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.07*	
05 12 23 00-0210	LF	W8 x 67 A992/A36 Structural Column	144.88	25.37
		For Hot Dip Galvanizing, Add	*32.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.98*	
05 12 23 00-0211	LF	W8 x 58 A992/A36 Structural Column	130.32	24.57
		For Hot Dip Galvanizing, Add	*28.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.06*	
05 12 23 00-0212	LF	W8 x 48 A992/A36 Structural Column	116.88	23.90
		For Hot Dip Galvanizing, Add	*25.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.52*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.38*	
05 12 23 00-0213	LF	W8 x 40 A992/A36 Structural Column	100.69	23.23
		For Hot Dip Galvanizing, Add	*21.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.14*	
05 12 23 00-0214	LF	W8 x 35 A992/A36 Structural Column	91.20	22.70
		For Hot Dip Galvanizing, Add	*18.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.24*	
05 12 23 00-0215	LF	W8 x 31 A992/A36 Structural Column	83.57	22.43
		For Hot Dip Galvanizing, Add	*16.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.52*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.71*	
05 12 23 00-0216	LF	W8 x 28 A992/A36 Structural Column	78.82	22.17
		For Hot Dip Galvanizing, Add	*15.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.76*	
05 12 23 00-0217	LF	W8 x 24 A992/A36 Structural Column	73.12	21.90
		For Hot Dip Galvanizing, Add	*13.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.62*	
05 12 23 00-0218	LF	W8 x 21 A992/A36 Structural Column	69.33	21.76
		For Hot Dip Galvanizing, Add	*12.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.87*	
05 12 23 00-0219	LF	W8 x 18 A992/A36 Structural Column	62.18	21.36
		For Hot Dip Galvanizing, Add	*10.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.44*	
05 12 23 00-0220	LF	W6 x 25 A992/A36 Structural Column	76.64	21.90
		For Hot Dip Galvanizing, Add	*14.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.33*	
05 12 23 00-0221	LF	W6 x 20 A992/A36 Structural Column	65.19	21.49
		For Hot Dip Galvanizing, Add	*11.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.04*	
05 12 23 00-0222	LF	W6 x 15 A992/A36 Structural Column	56.22	20.83
		For Hot Dip Galvanizing, Add	*9.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.24*	
05 12 23 00-0223	LF	W6 x 12 A992/A36 Structural Column	52.86	20.83
		For Hot Dip Galvanizing, Add	*8.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.57*	
05 12 23 00-0224	LF	W6 x 9 A992/A36 Structural Column	48.57	20.69
		For Hot Dip Galvanizing, Add	*7.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.71*	
05 12 23 00-0225	LF	W5 x 19 A992/A36 Structural Column	64.23	21.49
		For Hot Dip Galvanizing, Add	*11.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0226	LF	W5 x 16 A992/A36 Structural Column	59.34	21.36
		For Hot Dip Galvanizing, Add	*10.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.87*	
05 12 23 00-0227	LF	W4 x 13 A992/A36 Structural Column	55.71	21.10
		For Hot Dip Galvanizing, Add	*9.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.14*	

05 12 23 00-0228 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0229	LF	W36 x 300 A992/A36 Structural Beam Or Girder	547.33	87.29
		For Hot Dip Galvanizing, Add	*126.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*49.26*	
		For High Strength Low Alloy A588 Steel, Add	*109.47*	
		For Each Additional Top Copes >2, Add	*4.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-177.60*	
		For Skewed Or Sloped Connections, Add	*65.68*	
05 12 23 00-0230	LF	W36 x 280 A992/A36 Structural Beam Or Girder	530.75	100.14
		For Hot Dip Galvanizing, Add	*117.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*47.77*	
		For High Strength Low Alloy A588 Steel, Add	*106.15*	
		For Each Additional Top Copes >2, Add	*4.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-169.74*	
		For Skewed Or Sloped Connections, Add	*63.69*	
05 12 23 00-0231	LF	W36 x 260 A992/A36 Structural Beam Or Girder	503.06	98.93
		For Hot Dip Galvanizing, Add	*110.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*45.28*	
		For High Strength Low Alloy A588 Steel, Add	*100.61*	
		For Each Additional Top Copes >2, Add	*3.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-160.25*	
		For Skewed Or Sloped Connections, Add	*60.37*	
05 12 23 00-0232	LF	W36 x 240 A992/A36 Structural Beam Or Girder	467.31	84.12
		For Hot Dip Galvanizing, Add	*104.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.06*	
		For High Strength Low Alloy A588 Steel, Add	*93.46*	
		For Each Additional Top Copes >2, Add	*3.78*	
		For Structural Tees, WT, MT Or ST, Deduct	*-150.10*	
		For Skewed Or Sloped Connections, Add	*56.08*	
05 12 23 00-0233	LF	W36 x 230 A992/A36 Structural Beam Or Girder	452.84	85.32
		For Hot Dip Galvanizing, Add	*100.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.76*	
		For High Strength Low Alloy A588 Steel, Add	*90.57*	
		For Each Additional Top Copes >2, Add	*3.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-144.85*	
		For Skewed Or Sloped Connections, Add	*54.34*	
05 12 23 00-0234	LF	W36 x 210 A992/A36 Structural Beam Or Girder	432.52	95.73
		For Hot Dip Galvanizing, Add	*91.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.93*	
		For High Strength Low Alloy A588 Steel, Add	*86.50*	
		For Each Additional Top Copes >2, Add	*3.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-136.06*	
		For Skewed Or Sloped Connections, Add	*51.90*	
05 12 23 00-0235	LF	W36 x 194 A992/A36 Structural Beam Or Girder	406.13	81.60
		For Hot Dip Galvanizing, Add	*88.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.55*	
		For High Strength Low Alloy A588 Steel, Add	*81.23*	
		For Each Additional Top Copes >2, Add	*3.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-129.09*	
		For Skewed Or Sloped Connections, Add	*48.74*	
05 12 23 00-0236	LF	W36 x 182 A992/A36 Structural Beam Or Girder	385.76	81.00
		For Hot Dip Galvanizing, Add	*83.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.72*	
		For High Strength Low Alloy A588 Steel, Add	*77.15*	
		For Each Additional Top Copes >2, Add	*2.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-122.06*	
		For Skewed Or Sloped Connections, Add	*46.29*	
05 12 23 00-0237	LF	W36 x 170 A992/A36 Structural Beam Or Girder	365.02	80.07
		For Hot Dip Galvanizing, Add	*77.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.85*	
		For High Strength Low Alloy A588 Steel, Add	*73.00*	
		For Each Additional Top Copes >2, Add	*2.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.95*	
		For Skewed Or Sloped Connections, Add	*43.80*	
05 12 23 00-0238	LF	W36 x 160 A992/A36 Structural Beam Or Girder	361.97	92.67
		For Hot Dip Galvanizing, Add	*73.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.58*	
		For High Strength Low Alloy A588 Steel, Add	*72.39*	
		For Each Additional Top Copes >2, Add	*2.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-111.87*	
		For Skewed Or Sloped Connections, Add	*43.44*	
05 12 23 00-0239	LF	W36 x 150 A992/A36 Structural Beam Or Girder	347.52	91.99
		For Hot Dip Galvanizing, Add	*69.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.28*	
		For High Strength Low Alloy A588 Steel, Add	*69.50*	
		For Each Additional Top Copes >2, Add	*2.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-106.91*	
		For Skewed Or Sloped Connections, Add	*41.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0240	LF	W36 x 135 A992/A36 Structural Beam Or Girder	327.30	91.19
		For Hot Dip Galvanizing, Add	*63.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.46*	
		For High Strength Low Alloy A588 Steel, Add	*65.46*	
		For Each Additional Top Copes >2, Add	*2.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-99.98*	
		For Skewed Or Sloped Connections, Add	*39.28*	
05 12 23 00-0241	LF	W33 x 241 A992/A36 Structural Beam Or Girder	473.41	86.77
		For Hot Dip Galvanizing, Add	*105.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.61*	
		For High Strength Low Alloy A588 Steel, Add	*94.68*	
		For Each Additional Top Copes >2, Add	*3.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-151.81*	
		For Skewed Or Sloped Connections, Add	*56.81*	
05 12 23 00-0242	LF	W33 x 221 A992/A36 Structural Beam Or Girder	439.55	84.64
		For Hot Dip Galvanizing, Add	*96.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.56*	
		For High Strength Low Alloy A588 Steel, Add	*87.91*	
		For Each Additional Top Copes >2, Add	*3.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-140.30*	
		For Skewed Or Sloped Connections, Add	*52.75*	
05 12 23 00-0243	LF	W33 x 201 A992/A36 Structural Beam Or Girder	419.13	95.07
		For Hot Dip Galvanizing, Add	*88.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.72*	
		For High Strength Low Alloy A588 Steel, Add	*83.83*	
		For Each Additional Top Copes >2, Add	*3.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-131.47*	
		For Skewed Or Sloped Connections, Add	*50.30*	
05 12 23 00-0244	LF	W33 x 170 A992/A36 Structural Beam Or Girder	377.51	93.33
		For Hot Dip Galvanizing, Add	*77.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.98*	
		For High Strength Low Alloy A588 Steel, Add	*75.50*	
		For Each Additional Top Copes >2, Add	*2.78*	
		For Structural Tees, WT, MT Or ST, Deduct	*-117.21*	
		For Skewed Or Sloped Connections, Add	*45.30*	
05 12 23 00-0245	LF	W33 x 152 A992/A36 Structural Beam Or Girder	342.14	79.82
		For Hot Dip Galvanizing, Add	*71.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.79*	
		For High Strength Low Alloy A588 Steel, Add	*68.43*	
		For Each Additional Top Copes >2, Add	*2.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-106.98*	
		For Skewed Or Sloped Connections, Add	*41.06*	
05 12 23 00-0246	LF	W33 x 141 A992/A36 Structural Beam Or Girder	336.01	91.46
		For Hot Dip Galvanizing, Add	*66.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.24*	
		For High Strength Low Alloy A588 Steel, Add	*67.20*	
		For Each Additional Top Copes >2, Add	*2.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-102.96*	
		For Skewed Or Sloped Connections, Add	*40.32*	
05 12 23 00-0247	LF	W33 x 130 A992/A36 Structural Beam Or Girder	319.65	90.79
		For Hot Dip Galvanizing, Add	*61.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.77*	
		For High Strength Low Alloy A588 Steel, Add	*63.93*	
		For Each Additional Top Copes >2, Add	*2.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-97.36*	
		For Skewed Or Sloped Connections, Add	*38.36*	
05 12 23 00-0248	LF	W33 x 118 A992/A36 Structural Beam Or Girder	300.63	89.99
		For Hot Dip Galvanizing, Add	*56.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.06*	
		For High Strength Low Alloy A588 Steel, Add	*60.13*	
		For Each Additional Top Copes >2, Add	*2.05*	
		For Structural Tees, WT, MT Or ST, Deduct	*-90.82*	
		For Skewed Or Sloped Connections, Add	*36.08*	
05 12 23 00-0249	LF	W30 x 211 A992/A36 Structural Beam Or Girder	421.88	84.48
		For Hot Dip Galvanizing, Add	*92.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.97*	
		For High Strength Low Alloy A588 Steel, Add	*84.38*	
		For Each Additional Top Copes >2, Add	*3.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-134.14*	
		For Skewed Or Sloped Connections, Add	*50.63*	
05 12 23 00-0250	LF	W30 x 191 A992/A36 Structural Beam Or Girder	401.13	94.40
		For Hot Dip Galvanizing, Add	*83.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.10*	
		For High Strength Low Alloy A588 Steel, Add	*80.23*	
		For Each Additional Top Copes >2, Add	*3.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-125.27*	
		For Skewed Or Sloped Connections, Add	*48.14*	
05 12 23 00-0251	LF	W30 x 173 A992/A36 Structural Beam Or Girder	366.34	80.63
		For Hot Dip Galvanizing, Add	*77.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.97*	
		For High Strength Low Alloy A588 Steel, Add	*73.27*	
		For Each Additional Top Copes >2, Add	*2.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-115.32*	
		For Skewed Or Sloped Connections, Add	*43.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0252	LF	W30 x 154 A992/A36 Structural Beam Or Girder	347.83	92.13
		For Hot Dip Galvanizing, Add	*69.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.30*	
		For High Strength Low Alloy A588 Steel, Add	*69.57*	
		For Each Additional Top Copes >2, Add	*2.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-107.00*	
		For Skewed Or Sloped Connections, Add	*41.74*	
05 12 23 00-0253	LF	W30 x 132 A992/A36 Structural Beam Or Girder	309.19	77.79
		For Hot Dip Galvanizing, Add	*62.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.83*	
		For High Strength Low Alloy A588 Steel, Add	*61.84*	
		For Each Additional Top Copes >2, Add	*2.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-95.77*	
		For Skewed Or Sloped Connections, Add	*37.10*	
05 12 23 00-0254	LF	W30 x 124 A992/A36 Structural Beam Or Girder	295.44	77.75
		For Hot Dip Galvanizing, Add	*58.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.59*	
		For High Strength Low Alloy A588 Steel, Add	*59.09*	
		For Each Additional Top Copes >2, Add	*2.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-90.96*	
		For Skewed Or Sloped Connections, Add	*35.45*	
05 12 23 00-0255	LF	W30 x 116 A992/A36 Structural Beam Or Girder	294.67	89.86
		For Hot Dip Galvanizing, Add	*55.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.52*	
		For High Strength Low Alloy A588 Steel, Add	*58.93*	
		For Each Additional Top Copes >2, Add	*1.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-88.75*	
		For Skewed Or Sloped Connections, Add	*35.36*	
05 12 23 00-0256	LF	W30 x 108 A992/A36 Structural Beam Or Girder	272.31	80.91
		For Hot Dip Galvanizing, Add	*51.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.51*	
		For High Strength Low Alloy A588 Steel, Add	*54.46*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-82.37*	
		For Skewed Or Sloped Connections, Add	*32.68*	
05 12 23 00-0257	LF	W30 x 99 A992/A36 Structural Beam Or Girder	260.63	80.51
		For Hot Dip Galvanizing, Add	*48.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.46*	
		For High Strength Low Alloy A588 Steel, Add	*52.13*	
		For Each Additional Top Copes >2, Add	*1.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.36*	
		For Skewed Or Sloped Connections, Add	*31.28*	
05 12 23 00-0258	LF	W27 x 178 A992/A36 Structural Beam Or Girder	407.80	94.40
		For Hot Dip Galvanizing, Add	*85.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.70*	
		For High Strength Low Alloy A588 Steel, Add	*81.56*	
		For Each Additional Top Copes >2, Add	*3.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-127.63*	
		For Skewed Or Sloped Connections, Add	*48.94*	
05 12 23 00-0259	LF	W27 x 161 A992/A36 Structural Beam Or Girder	374.67	90.83
		For Hot Dip Galvanizing, Add	*77.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.72*	
		For High Strength Low Alloy A588 Steel, Add	*74.93*	
		For Each Additional Top Copes >2, Add	*2.78*	
		For Structural Tees, WT, MT Or ST, Deduct	*-116.60*	
		For Skewed Or Sloped Connections, Add	*44.96*	
05 12 23 00-0260	LF	W27 x 146 A992/A36 Structural Beam Or Girder	345.36	87.63
		For Hot Dip Galvanizing, Add	*69.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.08*	
		For High Strength Low Alloy A588 Steel, Add	*69.07*	
		For Each Additional Top Copes >2, Add	*2.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-106.86*	
		For Skewed Or Sloped Connections, Add	*41.44*	
05 12 23 00-0261	LF	W27 x 114 A992/A36 Structural Beam Or Girder	274.32	72.79
		For Hot Dip Galvanizing, Add	*54.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.69*	
		For High Strength Low Alloy A588 Steel, Add	*54.86*	
		For Each Additional Top Copes >2, Add	*1.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-84.37*	
		For Skewed Or Sloped Connections, Add	*32.92*	
05 12 23 00-0262	LF	W27 x 102 A992/A36 Structural Beam Or Girder	261.83	80.51
		For Hot Dip Galvanizing, Add	*48.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.56*	
		For High Strength Low Alloy A588 Steel, Add	*52.37*	
		For Each Additional Top Copes >2, Add	*1.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.76*	
		For Skewed Or Sloped Connections, Add	*31.42*	
05 12 23 00-0263	LF	W27 x 94 A992/A36 Structural Beam Or Girder	250.85	79.97
		For Hot Dip Galvanizing, Add	*45.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.58*	
		For High Strength Low Alloy A588 Steel, Add	*50.17*	
		For Each Additional Top Copes >2, Add	*1.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.00*	
		For Skewed Or Sloped Connections, Add	*30.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0264	LF	W27 x 84 A992/A36 Structural Beam Or Girder	237.47	79.44
		For Hot Dip Galvanizing, Add	*42.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.37*	
		For High Strength Low Alloy A588 Steel, Add	*47.49*	
		For Each Additional Top Copes >2, Add	*1.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-70.42*	
		For Skewed Or Sloped Connections, Add	*28.50*	
05 12 23 00-0265	LF	W24 x 162 A992/A36 Structural Beam Or Girder	360.82	87.09
		For Hot Dip Galvanizing, Add	*74.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.47*	
		For High Strength Low Alloy A588 Steel, Add	*72.16*	
		For Each Additional Top Copes >2, Add	*2.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-112.35*	
		For Skewed Or Sloped Connections, Add	*43.30*	
05 12 23 00-0266	LF	W24 x 146 A992/A36 Structural Beam Or Girder	330.53	83.50
		For Hot Dip Galvanizing, Add	*67.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.75*	
		For High Strength Low Alloy A588 Steel, Add	*66.11*	
		For Each Additional Top Copes >2, Add	*2.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-102.33*	
		For Skewed Or Sloped Connections, Add	*39.66*	
05 12 23 00-0267	LF	W24 x 131 A992/A36 Structural Beam Or Girder	301.67	79.70
		For Hot Dip Galvanizing, Add	*60.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.15*	
		For High Strength Low Alloy A588 Steel, Add	*60.33*	
		For Each Additional Top Copes >2, Add	*2.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-92.83*	
		For Skewed Or Sloped Connections, Add	*36.20*	
05 12 23 00-0268	LF	W24 x 117 A992/A36 Structural Beam Or Girder	274.27	75.72
		For Hot Dip Galvanizing, Add	*53.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.68*	
		For High Strength Low Alloy A588 Steel, Add	*54.85*	
		For Each Additional Top Copes >2, Add	*1.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.88*	
		For Skewed Or Sloped Connections, Add	*32.91*	
05 12 23 00-0269	LF	W24 x 104 A992/A36 Structural Beam Or Girder	248.38	71.61
		For Hot Dip Galvanizing, Add	*47.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.35*	
		For High Strength Low Alloy A588 Steel, Add	*49.68*	
		For Each Additional Top Copes >2, Add	*1.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.48*	
		For Skewed Or Sloped Connections, Add	*29.81*	
05 12 23 00-0270	LF	W24 x 94 A992/A36 Structural Beam Or Girder	240.77	79.97
		For Hot Dip Galvanizing, Add	*43.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.67*	
		For High Strength Low Alloy A588 Steel, Add	*48.15*	
		For Each Additional Top Copes >2, Add	*1.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-71.47*	
		For Skewed Or Sloped Connections, Add	*28.89*	
05 12 23 00-0271	LF	W24 x 84 A992/A36 Structural Beam Or Girder	219.32	70.90
		For Hot Dip Galvanizing, Add	*39.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.74*	
		For High Strength Low Alloy A588 Steel, Add	*43.86*	
		For Each Additional Top Copes >2, Add	*1.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.41*	
		For Skewed Or Sloped Connections, Add	*26.32*	
05 12 23 00-0272	LF	W24 x 76 A992/A36 Structural Beam Or Girder	209.06	70.37
		For Hot Dip Galvanizing, Add	*37.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.82*	
		For High Strength Low Alloy A588 Steel, Add	*41.81*	
		For Each Additional Top Copes >2, Add	*1.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.90*	
		For Skewed Or Sloped Connections, Add	*25.09*	
05 12 23 00-0273	LF	W24 x 68 A992/A36 Structural Beam Or Girder	196.15	69.96
		For Hot Dip Galvanizing, Add	*33.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.65*	
		For High Strength Low Alloy A588 Steel, Add	*39.23*	
		For Each Additional Top Copes >2, Add	*1.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.46*	
		For Skewed Or Sloped Connections, Add	*23.54*	
05 12 23 00-0274	LF	W24 x 62 A992/A36 Structural Beam Or Girder	189.38	69.56
		For Hot Dip Galvanizing, Add	*31.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.04*	
		For High Strength Low Alloy A588 Steel, Add	*37.88*	
		For Each Additional Top Copes >2, Add	*1.15*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.15*	
		For Skewed Or Sloped Connections, Add	*22.73*	
05 12 23 00-0275	LF	W24 x 55 A992/A36 Structural Beam Or Girder	180.14	69.30
		For Hot Dip Galvanizing, Add	*29.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.21*	
		For High Strength Low Alloy A588 Steel, Add	*36.03*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.97*	
		For Skewed Or Sloped Connections, Add	*21.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0276	LF	W21 x 147 A992/A36 Structural Beam Or Girder	315.14	71.62
		For Hot Dip Galvanizing, Add	*66.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.36*	
		For High Strength Low Alloy A588 Steel, Add	*63.03*	
		For Each Additional Top Copes >2, Add	*2.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-98.84*	
		For Skewed Or Sloped Connections, Add	*37.82*	
05 12 23 00-0277	LF	W21 x 132 A992/A36 Structural Beam Or Girder	287.37	68.42
		For Hot Dip Galvanizing, Add	*59.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.86*	
		For High Strength Low Alloy A588 Steel, Add	*57.47*	
		For Each Additional Top Copes >2, Add	*2.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.63*	
		For Skewed Or Sloped Connections, Add	*34.48*	
05 12 23 00-0278	LF	W21 x 122 A992/A36 Structural Beam Or Girder	269.89	67.28
		For Hot Dip Galvanizing, Add	*54.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.29*	
		For High Strength Low Alloy A588 Steel, Add	*53.98*	
		For Each Additional Top Copes >2, Add	*1.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.70*	
		For Skewed Or Sloped Connections, Add	*32.39*	
05 12 23 00-0279	LF	W21 x 111 A992/A36 Structural Beam Or Girder	249.74	65.11
		For Hot Dip Galvanizing, Add	*50.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.48*	
		For High Strength Low Alloy A588 Steel, Add	*49.95*	
		For Each Additional Top Copes >2, Add	*1.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-76.99*	
		For Skewed Or Sloped Connections, Add	*29.97*	
05 12 23 00-0280	LF	W21 x 101 A992/A36 Structural Beam Or Girder	231.27	63.03
		For Hot Dip Galvanizing, Add	*45.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.81*	
		For High Strength Low Alloy A588 Steel, Add	*46.25*	
		For Each Additional Top Copes >2, Add	*1.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-70.86*	
		For Skewed Or Sloped Connections, Add	*27.75*	
05 12 23 00-0281	LF	W21 x 93 A992/A36 Structural Beam Or Girder	227.54	71.70
		For Hot Dip Galvanizing, Add	*41.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.48*	
		For High Strength Low Alloy A588 Steel, Add	*45.51*	
		For Each Additional Top Copes >2, Add	*1.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.16*	
		For Skewed Or Sloped Connections, Add	*27.30*	
05 12 23 00-0282	LF	W21 x 83 A992/A36 Structural Beam Or Girder	215.43	70.90
		For Hot Dip Galvanizing, Add	*38.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.39*	
		For High Strength Low Alloy A588 Steel, Add	*43.09*	
		For Each Additional Top Copes >2, Add	*1.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.04*	
		For Skewed Or Sloped Connections, Add	*25.85*	
05 12 23 00-0283	LF	W21 x 73 A992/A36 Structural Beam Or Girder	200.61	70.37
		For Hot Dip Galvanizing, Add	*34.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.05*	
		For High Strength Low Alloy A588 Steel, Add	*40.12*	
		For Each Additional Top Copes >2, Add	*1.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.96*	
		For Skewed Or Sloped Connections, Add	*24.07*	
05 12 23 00-0284	LF	W21 x 68 A992/A36 Structural Beam Or Girder	193.14	69.96
		For Hot Dip Galvanizing, Add	*32.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.38*	
		For High Strength Low Alloy A588 Steel, Add	*38.63*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.40*	
		For Skewed Or Sloped Connections, Add	*23.18*	
05 12 23 00-0285	LF	W21 x 62 A992/A36 Structural Beam Or Girder	186.37	69.56
		For Hot Dip Galvanizing, Add	*31.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.77*	
		For High Strength Low Alloy A588 Steel, Add	*37.27*	
		For Each Additional Top Copes >2, Add	*1.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.09*	
		For Skewed Or Sloped Connections, Add	*22.36*	
05 12 23 00-0286	LF	W21 x 57 A992/A36 Structural Beam Or Girder	180.27	69.43
		For Hot Dip Galvanizing, Add	*29.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.22*	
		For High Strength Low Alloy A588 Steel, Add	*36.05*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.00*	
		For Skewed Or Sloped Connections, Add	*21.63*	
05 12 23 00-0287	LF	W21 x 50 A992/A36 Structural Beam Or Girder	159.68	60.22
		For Hot Dip Galvanizing, Add	*26.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.37*	
		For High Strength Low Alloy A588 Steel, Add	*31.94*	
		For Each Additional Top Copes >2, Add	*0.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.24*	
		For Skewed Or Sloped Connections, Add	*19.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0288	LF	W21 x 44 A992/A36 Structural Beam Or Girder	152.57	59.95
		For Hot Dip Galvanizing, Add	*24.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.73*	
		For High Strength Low Alloy A588 Steel, Add	*30.51*	
		For Each Additional Top Copes >2, Add	*0.89*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.81*	
		For Skewed Or Sloped Connections, Add	*18.31*	
05 12 23 00-0289	LF	W18 x 119 A992/A36 Structural Beam Or Girder	262.67	67.04
		For Hot Dip Galvanizing, Add	*53.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.64*	
		For High Strength Low Alloy A588 Steel, Add	*52.53*	
		For Each Additional Top Copes >2, Add	*1.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-81.21*	
		For Skewed Or Sloped Connections, Add	*31.52*	
05 12 23 00-0290	LF	W18 x 106 A992/A36 Structural Beam Or Girder	238.04	63.54
		For Hot Dip Galvanizing, Add	*47.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.42*	
		For High Strength Low Alloy A588 Steel, Add	*47.61*	
		For Each Additional Top Copes >2, Add	*1.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.15*	
		For Skewed Or Sloped Connections, Add	*28.56*	
05 12 23 00-0291	LF	W18 x 97 A992/A36 Structural Beam Or Girder	232.46	71.70
		For Hot Dip Galvanizing, Add	*43.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.92*	
		For High Strength Low Alloy A588 Steel, Add	*46.49*	
		For Each Additional Top Copes >2, Add	*1.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.87*	
		For Skewed Or Sloped Connections, Add	*27.90*	
05 12 23 00-0292	LF	W18 x 86 A992/A36 Structural Beam Or Girder	218.57	71.03
		For Hot Dip Galvanizing, Add	*39.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.67*	
		For High Strength Low Alloy A588 Steel, Add	*43.71*	
		For Each Additional Top Copes >2, Add	*1.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.12*	
		For Skewed Or Sloped Connections, Add	*26.23*	
05 12 23 00-0293	LF	W18 x 76 A992/A36 Structural Beam Or Girder	206.05	70.37
		For Hot Dip Galvanizing, Add	*36.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.54*	
		For High Strength Low Alloy A588 Steel, Add	*41.21*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.84*	
		For Skewed Or Sloped Connections, Add	*24.73*	
05 12 23 00-0294	LF	W18 x 71 A992/A36 Structural Beam Or Girder	196.95	70.23
		For Hot Dip Galvanizing, Add	*33.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.73*	
		For High Strength Low Alloy A588 Steel, Add	*39.39*	
		For Each Additional Top Copes >2, Add	*1.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.70*	
		For Skewed Or Sloped Connections, Add	*23.63*	
05 12 23 00-0295	LF	W18 x 65 A992/A36 Structural Beam Or Girder	188.05	69.96
		For Hot Dip Galvanizing, Add	*31.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.92*	
		For High Strength Low Alloy A588 Steel, Add	*37.61*	
		For Each Additional Top Copes >2, Add	*1.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.64*	
		For Skewed Or Sloped Connections, Add	*22.57*	
05 12 23 00-0296	LF	W18 x 60 A992/A36 Structural Beam Or Girder	180.04	69.43
		For Hot Dip Galvanizing, Add	*29.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.20*	
		For High Strength Low Alloy A588 Steel, Add	*36.01*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.90*	
		For Skewed Or Sloped Connections, Add	*21.60*	
05 12 23 00-0297	LF	W18 x 55 A992/A36 Structural Beam Or Girder	172.00	69.30
		For Hot Dip Galvanizing, Add	*27.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.48*	
		For High Strength Low Alloy A588 Steel, Add	*34.40*	
		For Each Additional Top Copes >2, Add	*0.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.12*	
		For Skewed Or Sloped Connections, Add	*20.64*	
05 12 23 00-0298	LF	W18 x 50 A992/A36 Structural Beam Or Girder	154.73	60.22
		For Hot Dip Galvanizing, Add	*25.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.93*	
		For High Strength Low Alloy A588 Steel, Add	*30.95*	
		For Each Additional Top Copes >2, Add	*0.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.50*	
		For Skewed Or Sloped Connections, Add	*18.57*	
05 12 23 00-0299	LF	W18 x 46 A992/A36 Structural Beam Or Girder	148.45	60.09
		For Hot Dip Galvanizing, Add	*23.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.36*	
		For High Strength Low Alloy A588 Steel, Add	*29.69*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.34*	
		For Skewed Or Sloped Connections, Add	*17.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0300	LF	W18 x 40 A992/A36 Structural Beam Or Girder	129.73	51.27
		For Hot Dip Galvanizing, Add	*20.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.68*	
		For High Strength Low Alloy A588 Steel, Add	*25.95*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.19*	
		For Skewed Or Sloped Connections, Add	*15.57*	
05 12 23 00-0301	LF	W18 x 35 A992/A36 Structural Beam Or Girder	121.87	51.14
		For Hot Dip Galvanizing, Add	*18.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.97*	
		For High Strength Low Alloy A588 Steel, Add	*24.37*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.48*	
		For Skewed Or Sloped Connections, Add	*14.62*	
05 12 23 00-0302	LF	W16 x 100 A992/A36 Structural Beam Or Girder	217.15	46.60
		For Hot Dip Galvanizing, Add	*46.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.54*	
		For High Strength Low Alloy A588 Steel, Add	*43.43*	
		For Each Additional Top Copes >2, Add	*1.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.55*	
		For Skewed Or Sloped Connections, Add	*26.06*	
05 12 23 00-0303	LF	W16 x 89 A992/A36 Structural Beam Or Girder	199.38	45.80
		For Hot Dip Galvanizing, Add	*41.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.94*	
		For High Strength Low Alloy A588 Steel, Add	*39.88*	
		For Each Additional Top Copes >2, Add	*1.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.45*	
		For Skewed Or Sloped Connections, Add	*23.93*	
05 12 23 00-0304	LF	W16 x 77 A992/A36 Structural Beam Or Girder	180.32	45.26
		For Hot Dip Galvanizing, Add	*36.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.23*	
		For High Strength Low Alloy A588 Steel, Add	*36.06*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.88*	
		For Skewed Or Sloped Connections, Add	*21.64*	
05 12 23 00-0305	LF	W16 x 67 A992/A36 Structural Beam Or Girder	164.08	44.60
		For Hot Dip Galvanizing, Add	*32.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.77*	
		For High Strength Low Alloy A588 Steel, Add	*32.82*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-50.30*	
		For Skewed Or Sloped Connections, Add	*19.69*	
05 12 23 00-0306	LF	W16 x 57 A992/A36 Structural Beam Or Girder	148.04	43.93
		For Hot Dip Galvanizing, Add	*28.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.32*	
		For High Strength Low Alloy A588 Steel, Add	*29.61*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.78*	
		For Skewed Or Sloped Connections, Add	*17.76*	
05 12 23 00-0307	LF	W16 x 50 A992/A36 Structural Beam Or Girder	136.84	43.53
		For Hot Dip Galvanizing, Add	*25.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.32*	
		For High Strength Low Alloy A588 Steel, Add	*27.37*	
		For Each Additional Top Copes >2, Add	*0.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.93*	
		For Skewed Or Sloped Connections, Add	*16.42*	
05 12 23 00-0308	LF	W16 x 45 A992/A36 Structural Beam Or Girder	128.96	43.26
		For Hot Dip Galvanizing, Add	*22.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.61*	
		For High Strength Low Alloy A588 Steel, Add	*25.79*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.21*	
		For Skewed Or Sloped Connections, Add	*15.48*	
05 12 23 00-0309	LF	W16 x 40 A992/A36 Structural Beam Or Girder	120.79	42.86
		For Hot Dip Galvanizing, Add	*20.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.87*	
		For High Strength Low Alloy A588 Steel, Add	*24.16*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.41*	
		For Skewed Or Sloped Connections, Add	*14.49*	
05 12 23 00-0310	LF	W16 x 36 A992/A36 Structural Beam Or Girder	114.37	42.59
		For Hot Dip Galvanizing, Add	*19.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.29*	
		For High Strength Low Alloy A588 Steel, Add	*22.87*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.22*	
		For Skewed Or Sloped Connections, Add	*13.72*	
05 12 23 00-0311	LF	W16 x 31 A992/A36 Structural Beam Or Girder	97.38	33.91
		For Hot Dip Galvanizing, Add	*16.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.76*	
		For High Strength Low Alloy A588 Steel, Add	*19.48*	
		For Each Additional Top Copes >2, Add	*0.61*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.66*	
		For Skewed Or Sloped Connections, Add	*11.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0312	LF	W16 x 26 A992/A36 Structural Beam Or Girder	87.09	33.51
		For Hot Dip Galvanizing, Add	*14.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.84*	
		For High Strength Low Alloy A588 Steel, Add	*17.42*	
		For Each Additional Top Copes >2, Add	*0.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.11*	
		For Skewed Or Sloped Connections, Add	*10.45*	
05 12 23 00-0313	LF	W14 x 99 A992/A36 Structural Beam Or Girder	206.62	38.19
		For Hot Dip Galvanizing, Add	*46.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.60*	
		For High Strength Low Alloy A588 Steel, Add	*41.32*	
		For Each Additional Top Copes >2, Add	*1.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.21*	
		For Skewed Or Sloped Connections, Add	*24.79*	
05 12 23 00-0314	LF	W14 x 90 A992/A36 Structural Beam Or Girder	192.15	37.51
		For Hot Dip Galvanizing, Add	*42.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.29*	
		For High Strength Low Alloy A588 Steel, Add	*38.43*	
		For Each Additional Top Copes >2, Add	*1.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.25*	
		For Skewed Or Sloped Connections, Add	*23.06*	
05 12 23 00-0315	LF	W14 x 82 A992/A36 Structural Beam Or Girder	179.24	37.12
		For Hot Dip Galvanizing, Add	*38.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.13*	
		For High Strength Low Alloy A588 Steel, Add	*35.85*	
		For Each Additional Top Copes >2, Add	*1.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.81*	
		For Skewed Or Sloped Connections, Add	*21.51*	
05 12 23 00-0316	LF	W14 x 74 A992/A36 Structural Beam Or Girder	166.34	36.59
		For Hot Dip Galvanizing, Add	*35.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.97*	
		For High Strength Low Alloy A588 Steel, Add	*33.27*	
		For Each Additional Top Copes >2, Add	*1.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.37*	
		For Skewed Or Sloped Connections, Add	*19.96*	
05 12 23 00-0317	LF	W14 x 68 A992/A36 Structural Beam Or Girder	156.73	36.18
		For Hot Dip Galvanizing, Add	*32.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.11*	
		For High Strength Low Alloy A588 Steel, Add	*31.35*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.07*	
		For Skewed Or Sloped Connections, Add	*18.81*	
05 12 23 00-0318	LF	W14 x 61 A992/A36 Structural Beam Or Girder	145.55	35.78
		For Hot Dip Galvanizing, Add	*29.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.10*	
		For High Strength Low Alloy A588 Steel, Add	*29.11*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.21*	
		For Skewed Or Sloped Connections, Add	*17.47*	
05 12 23 00-0319	LF	W14 x 53 A992/A36 Structural Beam Or Girder	132.81	35.24
		For Hot Dip Galvanizing, Add	*26.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.95*	
		For High Strength Low Alloy A588 Steel, Add	*26.56*	
		For Each Additional Top Copes >2, Add	*0.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.83*	
		For Skewed Or Sloped Connections, Add	*15.94*	
05 12 23 00-0320	LF	W14 x 48 A992/A36 Structural Beam Or Girder	124.62	34.85
		For Hot Dip Galvanizing, Add	*24.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.22*	
		For High Strength Low Alloy A588 Steel, Add	*24.92*	
		For Each Additional Top Copes >2, Add	*0.87*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.03*	
		For Skewed Or Sloped Connections, Add	*14.95*	
05 12 23 00-0321	LF	W14 x 43 A992/A36 Structural Beam Or Girder	116.57	34.72
		For Hot Dip Galvanizing, Add	*22.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.49*	
		For High Strength Low Alloy A588 Steel, Add	*23.31*	
		For Each Additional Top Copes >2, Add	*0.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.25*	
		For Skewed Or Sloped Connections, Add	*13.99*	
05 12 23 00-0322	LF	W14 x 38 A992/A36 Structural Beam Or Girder	108.57	34.45
		For Hot Dip Galvanizing, Add	*19.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.77*	
		For High Strength Low Alloy A588 Steel, Add	*21.71*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.51*	
		For Skewed Or Sloped Connections, Add	*13.03*	
05 12 23 00-0323	LF	W14 x 34 A992/A36 Structural Beam Or Girder	102.10	34.04
		For Hot Dip Galvanizing, Add	*18.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.19*	
		For High Strength Low Alloy A588 Steel, Add	*20.42*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.29*	
		For Skewed Or Sloped Connections, Add	*12.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0324	LF	W14 x 30 A992/A36 Structural Beam Or Girder	95.65	33.91
		For Hot Dip Galvanizing, Add	*16.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.61*	
		For High Strength Low Alloy A588 Steel, Add	*19.13*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.07*	
		For Skewed Or Sloped Connections, Add	*11.48*	
05 12 23 00-0325	LF	W14 x 26 A992/A36 Structural Beam Or Girder	89.19	33.51
		For Hot Dip Galvanizing, Add	*14.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.03*	
		For High Strength Low Alloy A588 Steel, Add	*17.84*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.85*	
		For Skewed Or Sloped Connections, Add	*10.70*	
05 12 23 00-0326	LF	W14 x 22 A992/A36 Structural Beam Or Girder	82.92	33.38
		For Hot Dip Galvanizing, Add	*13.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.46*	
		For High Strength Low Alloy A588 Steel, Add	*16.58*	
		For Each Additional Top Copes >2, Add	*0.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.69*	
		For Skewed Or Sloped Connections, Add	*9.95*	
05 12 23 00-0327	LF	W12 x 87 A992/A36 Structural Beam Or Girder	187.44	37.38
		For Hot Dip Galvanizing, Add	*40.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.87*	
		For High Strength Low Alloy A588 Steel, Add	*37.49*	
		For Each Additional Top Copes >2, Add	*1.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.61*	
		For Skewed Or Sloped Connections, Add	*22.49*	
05 12 23 00-0328	LF	W12 x 79 A992/A36 Structural Beam Or Girder	174.51	36.85
		For Hot Dip Galvanizing, Add	*37.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.71*	
		For High Strength Low Alloy A588 Steel, Add	*34.90*	
		For Each Additional Top Copes >2, Add	*1.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.17*	
		For Skewed Or Sloped Connections, Add	*20.94*	
05 12 23 00-0329	LF	W12 x 72 A992/A36 Structural Beam Or Girder	163.20	36.46
		For Hot Dip Galvanizing, Add	*34.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.69*	
		For High Strength Low Alloy A588 Steel, Add	*32.64*	
		For Each Additional Top Copes >2, Add	*1.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.29*	
		For Skewed Or Sloped Connections, Add	*19.58*	
05 12 23 00-0330	LF	W12 x 65 A992/A36 Structural Beam Or Girder	152.00	36.05
		For Hot Dip Galvanizing, Add	*31.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.68*	
		For High Strength Low Alloy A588 Steel, Add	*30.40*	
		For Each Additional Top Copes >2, Add	*1.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.43*	
		For Skewed Or Sloped Connections, Add	*18.24*	
05 12 23 00-0331	LF	W12 x 58 A992/A36 Structural Beam Or Girder	140.68	35.52
		For Hot Dip Galvanizing, Add	*28.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.66*	
		For High Strength Low Alloy A588 Steel, Add	*28.14*	
		For Each Additional Top Copes >2, Add	*1.03*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.55*	
		For Skewed Or Sloped Connections, Add	*16.88*	
05 12 23 00-0332	LF	W12 x 53 A992/A36 Structural Beam Or Girder	132.81	35.24
		For Hot Dip Galvanizing, Add	*26.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.95*	
		For High Strength Low Alloy A588 Steel, Add	*26.56*	
		For Each Additional Top Copes >2, Add	*0.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.83*	
		For Skewed Or Sloped Connections, Add	*15.94*	
05 12 23 00-0333	LF	W12 x 50 A992/A36 Structural Beam Or Girder	127.76	35.11
		For Hot Dip Galvanizing, Add	*25.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.50*	
		For High Strength Low Alloy A588 Steel, Add	*25.55*	
		For Each Additional Top Copes >2, Add	*0.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.11*	
		For Skewed Or Sloped Connections, Add	*15.33*	
05 12 23 00-0334	LF	W12 x 45 A992/A36 Structural Beam Or Girder	119.89	34.85
		For Hot Dip Galvanizing, Add	*22.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.79*	
		For High Strength Low Alloy A588 Steel, Add	*23.98*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.39*	
		For Skewed Or Sloped Connections, Add	*14.39*	
05 12 23 00-0335	LF	W12 x 40 A992/A36 Structural Beam Or Girder	102.63	25.90
		For Hot Dip Galvanizing, Add	*20.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.24*	
		For High Strength Low Alloy A588 Steel, Add	*20.53*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.77*	
		For Skewed Or Sloped Connections, Add	*12.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0336	LF	W12 x 35 A992/A36 Structural Beam Or Girder	94.76	25.77
		For Hot Dip Galvanizing, Add	*18.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.53*	
		For High Strength Low Alloy A588 Steel, Add	*18.95*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.06*	
		For Skewed Or Sloped Connections, Add	*11.37*	
05 12 23 00-0337	LF	W12 x 30 A992/A36 Structural Beam Or Girder	86.57	25.37
		For Hot Dip Galvanizing, Add	*16.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.79*	
		For High Strength Low Alloy A588 Steel, Add	*17.31*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.25*	
		For Skewed Or Sloped Connections, Add	*10.39*	
05 12 23 00-0338	LF	W12 x 26 A992/A36 Structural Beam Or Girder	80.12	25.10
		For Hot Dip Galvanizing, Add	*14.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.21*	
		For High Strength Low Alloy A588 Steel, Add	*16.02*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.04*	
		For Skewed Or Sloped Connections, Add	*9.61*	
05 12 23 00-0339	LF	W12 x 22 A992/A36 Structural Beam Or Girder	73.84	24.83
		For Hot Dip Galvanizing, Add	*13.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.65*	
		For High Strength Low Alloy A588 Steel, Add	*14.77*	
		For Each Additional Top Copes >2, Add	*0.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.88*	
		For Skewed Or Sloped Connections, Add	*8.86*	
05 12 23 00-0340	LF	W12 x 19 A992/A36 Structural Beam Or Girder	68.92	24.70
		For Hot Dip Galvanizing, Add	*11.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.20*	
		For High Strength Low Alloy A588 Steel, Add	*13.78*	
		For Each Additional Top Copes >2, Add	*0.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.18*	
		For Skewed Or Sloped Connections, Add	*8.27*	
05 12 23 00-0341	LF	W12 x 16 A992/A36 Structural Beam Or Girder	64.06	24.30
		For Hot Dip Galvanizing, Add	*10.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.77*	
		For High Strength Low Alloy A588 Steel, Add	*12.81*	
		For Each Additional Top Copes >2, Add	*0.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.52*	
		For Skewed Or Sloped Connections, Add	*7.69*	
05 12 23 00-0342	LF	W12 x 14 A992/A36 Structural Beam Or Girder	60.92	24.30
		For Hot Dip Galvanizing, Add	*9.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.48*	
		For High Strength Low Alloy A588 Steel, Add	*12.18*	
		For Each Additional Top Copes >2, Add	*0.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.44*	
		For Skewed Or Sloped Connections, Add	*7.31*	
05 12 23 00-0343	LF	W10 x 68 A992/A36 Structural Beam Or Girder	148.14	27.91
		For Hot Dip Galvanizing, Add	*32.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.33*	
		For High Strength Low Alloy A588 Steel, Add	*29.63*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.40*	
		For Skewed Or Sloped Connections, Add	*17.78*	
05 12 23 00-0344	LF	W10 x 60 A992/A36 Structural Beam Or Girder	135.41	27.37
		For Hot Dip Galvanizing, Add	*29.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.19*	
		For High Strength Low Alloy A588 Steel, Add	*27.08*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.03*	
		For Skewed Or Sloped Connections, Add	*16.25*	
05 12 23 00-0345	LF	W10 x 54 A992/A36 Structural Beam Or Girder	125.63	26.84
		For Hot Dip Galvanizing, Add	*26.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.31*	
		For High Strength Low Alloy A588 Steel, Add	*25.13*	
		For Each Additional Top Copes >2, Add	*0.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.66*	
		For Skewed Or Sloped Connections, Add	*15.08*	
05 12 23 00-0346	LF	W10 x 49 A992/A36 Structural Beam Or Girder	117.62	26.57
		For Hot Dip Galvanizing, Add	*24.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.59*	
		For High Strength Low Alloy A588 Steel, Add	*23.52*	
		For Each Additional Top Copes >2, Add	*0.89*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.92*	
		For Skewed Or Sloped Connections, Add	*14.11*	
05 12 23 00-0347	LF	W10 x 45 A992/A36 Structural Beam Or Girder	111.17	26.44
		For Hot Dip Galvanizing, Add	*23.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.01*	
		For High Strength Low Alloy A588 Steel, Add	*22.23*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.70*	
		For Skewed Or Sloped Connections, Add	*13.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0348	LF	W10 x 39 A992/A36 Structural Beam Or Girder	101.57	25.90
		For Hot Dip Galvanizing, Add	*20.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.14*	
		For High Strength Low Alloy A588 Steel, Add	*20.31*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.40*	
		For Skewed Or Sloped Connections, Add	*12.19*	
05 12 23 00-0349	LF	W10 x 33 A992/A36 Structural Beam Or Girder	91.96	25.50
		For Hot Dip Galvanizing, Add	*17.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.28*	
		For High Strength Low Alloy A588 Steel, Add	*18.39*	
		For Each Additional Top Copes >2, Add	*0.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.10*	
		For Skewed Or Sloped Connections, Add	*11.04*	
05 12 23 00-0350	LF	W10 x 30 A992/A36 Structural Beam Or Girder	87.06	25.37
		For Hot Dip Galvanizing, Add	*16.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.84*	
		For High Strength Low Alloy A588 Steel, Add	*17.41*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.41*	
		For Skewed Or Sloped Connections, Add	*10.45*	
05 12 23 00-0351	LF	W10 x 26 A992/A36 Structural Beam Or Girder	80.78	25.23
		For Hot Dip Galvanizing, Add	*14.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.27*	
		For High Strength Low Alloy A588 Steel, Add	*16.16*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.25*	
		For Skewed Or Sloped Connections, Add	*9.69*	
05 12 23 00-0352	LF	W10 x 22 A992/A36 Structural Beam Or Girder	74.19	24.83
		For Hot Dip Galvanizing, Add	*13.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.68*	
		For High Strength Low Alloy A588 Steel, Add	*14.84*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.00*	
		For Skewed Or Sloped Connections, Add	*8.90*	
05 12 23 00-0353	LF	W10 x 19 A992/A36 Structural Beam Or Girder	69.46	24.70
		For Hot Dip Galvanizing, Add	*11.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.25*	
		For High Strength Low Alloy A588 Steel, Add	*13.89*	
		For Each Additional Top Copes >2, Add	*0.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.37*	
		For Skewed Or Sloped Connections, Add	*8.34*	
05 12 23 00-0354	LF	W10 x 17 A992/A36 Structural Beam Or Girder	66.14	24.57
		For Hot Dip Galvanizing, Add	*11.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.95*	
		For High Strength Low Alloy A588 Steel, Add	*13.23*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.22*	
		For Skewed Or Sloped Connections, Add	*7.94*	
05 12 23 00-0355	LF	W10 x 15 A992/A36 Structural Beam Or Girder	62.99	24.30
		For Hot Dip Galvanizing, Add	*10.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.67*	
		For High Strength Low Alloy A588 Steel, Add	*12.60*	
		For Each Additional Top Copes >2, Add	*0.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.14*	
		For Skewed Or Sloped Connections, Add	*7.56*	
05 12 23 00-0356	LF	W10 x 12 A992/A36 Structural Beam Or Girder	58.27	24.30
		For Hot Dip Galvanizing, Add	*8.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.24*	
		For High Strength Low Alloy A588 Steel, Add	*11.65*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.51*	
		For Skewed Or Sloped Connections, Add	*6.99*	
05 12 23 00-0357	LF	W8 x 35 A992/A36 Structural Beam Or Girder	95.11	25.77
		For Hot Dip Galvanizing, Add	*18.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.56*	
		For High Strength Low Alloy A588 Steel, Add	*19.02*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.18*	
		For Skewed Or Sloped Connections, Add	*11.41*	
05 12 23 00-0358	LF	W8 x 31 A992/A36 Structural Beam Or Girder	88.65	25.37
		For Hot Dip Galvanizing, Add	*17.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.98*	
		For High Strength Low Alloy A588 Steel, Add	*17.73*	
		For Each Additional Top Copes >2, Add	*0.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.96*	
		For Skewed Or Sloped Connections, Add	*10.64*	
05 12 23 00-0359	LF	W8 x 28 A992/A36 Structural Beam Or Girder	82.45	23.90
		For Hot Dip Galvanizing, Add	*15.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.42*	
		For High Strength Low Alloy A588 Steel, Add	*16.49*	
		For Each Additional Top Copes >2, Add	*0.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.03*	
		For Skewed Or Sloped Connections, Add	*9.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0360	LF	W8 x 24 A992/A36 Structural Beam Or Girder	75.21	22.43
		For Hot Dip Galvanizing, Add	*14.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.77*	
		For High Strength Low Alloy A588 Steel, Add	*15.04*	
		For Each Additional Top Copes >2, Add	*0.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.74*	
		For Skewed Or Sloped Connections, Add	*9.03*	
05 12 23 00-0361	LF	W8 x 21 A992/A36 Structural Beam Or Girder	69.99	20.83
		For Hot Dip Galvanizing, Add	*13.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.30*	
		For High Strength Low Alloy A588 Steel, Add	*14.00*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.15*	
		For Skewed Or Sloped Connections, Add	*8.40*	
05 12 23 00-0362	LF	W8 x 18 A992/A36 Structural Beam Or Girder	61.30	19.36
		For Hot Dip Galvanizing, Add	*11.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.52*	
		For High Strength Low Alloy A588 Steel, Add	*12.26*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.35*	
		For Skewed Or Sloped Connections, Add	*7.36*	
05 12 23 00-0363	LF	W8 x 10 A992/A36 Structural Beam Or Girder	36.37	13.88
		For Hot Dip Galvanizing, Add	*6.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.27*	
		For High Strength Low Alloy A588 Steel, Add	*7.27*	
		For Each Additional Top Copes >2, Add	*0.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.53*	
		For Skewed Or Sloped Connections, Add	*4.36*	
05 12 23 00-0364	LF	W6 x 9 A992/A36 Structural Beam Or Girder	33.42	11.35
		For Hot Dip Galvanizing, Add	*5.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.01*	
		For High Strength Low Alloy A588 Steel, Add	*6.68*	
		For Each Additional Top Copes >2, Add	*0.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-9.89*	
		For Skewed Or Sloped Connections, Add	*4.01*	

05 12 23 00-0365 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0366	LF	M14 x 18 A992/A36 Structural Steel	63.37	17.67
		For Hot Dip Galvanizing, Add	*12.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.67*	
05 12 23 00-0367	LF	M12 x 11.8 A992/A36 Structural Steel	45.85	15.62
		For Hot Dip Galvanizing, Add	*8.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.17*	
05 12 23 00-0368	LF	M10 x 9 A992/A36 Structural Steel	35.64	12.54
		For Hot Dip Galvanizing, Add	*6.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.13*	
05 12 23 00-0369	LF	M8 x 6.5 A992/A36 Structural Steel	25.73	9.06
		For Hot Dip Galvanizing, Add	*4.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*2.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.15*	
05 12 23 00-0370	LF	M6 x 20 A992/A36 Structural Steel	72.18	21.49
		For Hot Dip Galvanizing, Add	*13.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.44*	
05 12 23 00-0371	LF	M6 x 4.4 A992/A36 Structural Steel	17.41	6.12
		For Hot Dip Galvanizing, Add	*3.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*1.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.48*	
05 12 23 00-0372	LF	M5 x 18.9 A992/A36 Structural Steel	69.64	21.49
		For Hot Dip Galvanizing, Add	*12.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.93*	
05 12 23 00-0373	LF	M4 x 13 A992/A36 Structural Steel	57.63	21.10
		For Hot Dip Galvanizing, Add	*9.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.53*	

05 12 23 00-0374 A992/A36 Structural Steel, S Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0375	LF	S24 x 121 A992/A36 Structural Steel	379.00	89.47
		For Hot Dip Galvanizing, Add	*78.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*75.80*	
05 12 23 00-0376	LF	S24 x 106 A992/A36 Structural Steel	336.41	82.51
		For Hot Dip Galvanizing, Add	*68.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.28*	
05 12 23 00-0377	LF	S24 x 100 A992/A36 Structural Steel	321.74	81.93
		For Hot Dip Galvanizing, Add	*65.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*64.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0378	LF	S24 x 90 A992/A36 Structural Steel	293.71	77.61
		For Hot Dip Galvanizing, Add	*58.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*58.74*	
05 12 23 00-0379	LF	S24 x 80 A992/A36 Structural Steel	264.93	72.63
		For Hot Dip Galvanizing, Add	*52.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*52.99*	
05 12 23 00-0380	LF	S20 x 96 A992/A36 Structural Steel	308.87	78.65
		For Hot Dip Galvanizing, Add	*62.44*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*61.77*	
05 12 23 00-0381	LF	S20 x 86 A992/A36 Structural Steel	280.65	74.17
		For Hot Dip Galvanizing, Add	*55.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.26*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.13*	
05 12 23 00-0382	LF	S20 x 75 A992/A36 Structural Steel	248.37	68.09
		For Hot Dip Galvanizing, Add	*48.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.67*	
05 12 23 00-0383	LF	S20 x 66 A992/A36 Structural Steel	221.93	63.07
		For Hot Dip Galvanizing, Add	*42.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.39*	
05 12 23 00-0384	LF	S18 x 70 A992/A36 Structural Steel	235.39	66.89
		For Hot Dip Galvanizing, Add	*45.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.08*	
05 12 23 00-0385	LF	S18 x 54.7 A992/A36 Structural Steel	186.88	55.02
		For Hot Dip Galvanizing, Add	*35.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.38*	
05 12 23 00-0386	LF	S15 x 50 A992/A36 Structural Steel	173.63	52.95
		For Hot Dip Galvanizing, Add	*32.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.73*	
05 12 23 00-0387	LF	S15 x 42.9 A992/A36 Structural Steel	151.52	47.81
		For Hot Dip Galvanizing, Add	*27.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.30*	
05 12 23 00-0388	LF	S12 x 50 A992/A36 Structural Steel	170.81	50.30
		For Hot Dip Galvanizing, Add	*32.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.16*	
05 12 23 00-0389	LF	S12 x 40.8 A992/A36 Structural Steel	141.68	43.20
		For Hot Dip Galvanizing, Add	*26.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.34*	
05 12 23 00-0390	LF	S12 x 35 A992/A36 Structural Steel	123.62	39.01
		For Hot Dip Galvanizing, Add	*22.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.72*	
05 12 23 00-0391	LF	S12 x 31.8 A992/A36 Structural Steel	114.31	37.31
		For Hot Dip Galvanizing, Add	*20.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.29*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.86*	
05 12 23 00-0392	LF	S10 x 35 A992/A36 Structural Steel	125.81	41.07
		For Hot Dip Galvanizing, Add	*22.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.16*	
05 12 23 00-0393	LF	S10 x 25.4 A992/A36 Structural Steel	92.98	31.37
		For Hot Dip Galvanizing, Add	*16.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.60*	
05 12 23 00-0394	LF	S8 x 23 A992/A36 Structural Steel	84.20	28.40
		For Hot Dip Galvanizing, Add	*14.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.84*	
05 12 23 00-0395	LF	S8 x 18.4 A992/A36 Structural Steel	68.64	23.92
		For Hot Dip Galvanizing, Add	*11.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.18*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.73*	
05 12 23 00-0396	LF	S7 x 20 A992/A36 Structural Steel	74.60	26.00
		For Hot Dip Galvanizing, Add	*13.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.92*	
05 12 23 00-0397	LF	S7 x 15.3 A992/A36 Structural Steel	58.18	20.94
		For Hot Dip Galvanizing, Add	*9.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.64*	
05 12 23 00-0398	LF	S6 x 17.25 A992/A36 Structural Steel	64.48	22.55
		For Hot Dip Galvanizing, Add	*11.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.90*	
05 12 23 00-0399	LF	S6 x 12.5 A992/A36 Structural Steel	55.46	20.83
		For Hot Dip Galvanizing, Add	*9.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0400	LF	S5 x 14.75 A992/A36 Structural Steel	58.92	21.23
		For Hot Dip Galvanizing, Add	*10.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.78*	
05 12 23 00-0401	LF	S5 x 10 A992/A36 Structural Steel	50.38	20.69
		For Hot Dip Galvanizing, Add	*7.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.08*	
05 12 23 00-0402	LF	S4 x 9.5 A992/A36 Structural Steel	49.08	20.69
		For Hot Dip Galvanizing, Add	*7.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.82*	
05 12 23 00-0403	LF	S4 x 7.7 A992/A36 Structural Steel	46.03	20.69
		For Hot Dip Galvanizing, Add	*6.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.21*	
05 12 23 00-0404	LF	S3 x 7.5 A992/A36 Structural Steel	45.74	20.69
		For Hot Dip Galvanizing, Add	*6.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.15*	
05 12 23 00-0405	LF	S3 x 5.7 A992/A36 Structural Steel	42.12	20.56
		For Hot Dip Galvanizing, Add	*5.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.42*	

05 12 23 00-0406 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0407	LF	HP14 x 117 A992/A36 Structural Steel	229.69	26.51
		For Hot Dip Galvanizing, Add	*55.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*45.94*	
05 12 23 00-0408	LF	HP14 x 102 A992/A36 Structural Steel	201.17	24.67
		For Hot Dip Galvanizing, Add	*48.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.23*	
05 12 23 00-0409	LF	HP14 x 89 A992/A36 Structural Steel	179.39	23.13
		For Hot Dip Galvanizing, Add	*42.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.88*	
05 12 23 00-0410	LF	HP14 x 73 A992/A36 Structural Steel	148.86	21.81
		For Hot Dip Galvanizing, Add	*34.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.77*	
05 12 23 00-0411	LF	HP13 x 100 A992/A36 Structural Steel	197.23	24.18
		For Hot Dip Galvanizing, Add	*47.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.45*	
05 12 23 00-0412	LF	HP13 x 87 A992/A36 Structural Steel	175.35	22.62
		For Hot Dip Galvanizing, Add	*41.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.07*	
05 12 23 00-0413	LF	HP13 x 73 A992/A36 Structural Steel	148.86	21.81
		For Hot Dip Galvanizing, Add	*34.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.77*	
05 12 23 00-0414	LF	HP13 x 60 A992/A36 Structural Steel	126.44	20.90
		For Hot Dip Galvanizing, Add	*28.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.29*	
05 12 23 00-0415	LF	HP12 x 84 A992/A36 Structural Steel	165.77	23.85
		For Hot Dip Galvanizing, Add	*38.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.15*	
05 12 23 00-0416	LF	HP12 x 74 A992/A36 Structural Steel	146.63	22.50
		For Hot Dip Galvanizing, Add	*34.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.33*	
05 12 23 00-0417	LF	HP12 x 63 A992/A36 Structural Steel	126.41	20.69
		For Hot Dip Galvanizing, Add	*28.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.28*	
05 12 23 00-0418	LF	HP12 x 53 A992/A36 Structural Steel	115.99	19.67
		For Hot Dip Galvanizing, Add	*26.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.44*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.20*	
05 12 23 00-0419	LF	HP10 x 57 A992/A36 Structural Steel	122.13	20.18
		For Hot Dip Galvanizing, Add	*27.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.43*	
05 12 23 00-0420	LF	HP10 x 42 A992/A36 Structural Steel	100.95	18.92
		For Hot Dip Galvanizing, Add	*22.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.19*	
05 12 23 00-0421	LF	HP8 x 36 A992/A36 Structural Steel	87.96	17.84
		For Hot Dip Galvanizing, Add	*19.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.59*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0422		**Lightweight Framing Steel Shapes** *(05 12 23)* Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0423		**Angle Iron - L** *(05 12 23 00-0422)*		
05 12 23 00-0424		**1/8" Thick** *(05 12 23 00-0423)*		
05 12 23 00-0425	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.94	1.81
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.54*	
		For 304 Stainless Steel, Add	*1.48*	
		For 316 Stainless Steel, Add	*1.66*	
		For Aluminum, Add	*0.09*	
		For Galvanized Steel, Add	*0.32*	
		For High Strength Steel (HSS), Add	*0.59*	
05 12 23 00-0426	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.40	2.05
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For 304 Stainless Steel, Add	*1.88*	
		For 316 Stainless Steel, Add	*2.11*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.41*	
		For High Strength Steel (HSS), Add	*0.68*	
05 12 23 00-0427	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.83	2.26
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.69*	
		For 304 Stainless Steel, Add	*2.31*	
		For 316 Stainless Steel, Add	*2.59*	
		For Aluminum, Add	*0.15*	
		For Galvanized Steel, Add	*0.50*	
		For High Strength Steel (HSS), Add	*0.77*	
05 12 23 00-0428	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.30	2.52
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.77*	
		For 304 Stainless Steel, Add	*2.68*	
		For 316 Stainless Steel, Add	*3.01*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.58*	
		For High Strength Steel (HSS), Add	*0.86*	
05 12 23 00-0429	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.72	2.72
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.83*	
		For 304 Stainless Steel, Add	*3.14*	
		For 316 Stainless Steel, Add	*3.52*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.68*	
		For High Strength Steel (HSS), Add	*0.94*	
05 12 23 00-0430	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	5.65	3.19
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-0.99*	
		For 304 Stainless Steel, Add	*3.96*	
		For 316 Stainless Steel, Add	*4.45*	
		For Aluminum, Add	*0.25*	
		For Galvanized Steel, Add	*0.86*	
		For High Strength Steel (HSS), Add	*1.13*	
05 12 23 00-0431	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.65	3.19
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-0.99*	
		For 304 Stainless Steel, Add	*3.96*	
		For 316 Stainless Steel, Add	*4.45*	
		For Aluminum, Add	*0.25*	
		For Galvanized Steel, Add	*0.86*	
		For High Strength Steel (HSS), Add	*1.13*	
05 12 23 00-0432	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.26	3.44
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.08*	
		For 304 Stainless Steel, Add	*4.79*	
		For 316 Stainless Steel, Add	*5.38*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.04*	
		For High Strength Steel (HSS), Add	*1.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0433	LF	1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	6.73	3.55
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000, Deduct	*-1.15*	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.35*	
05 12 23 00-0434	LF	2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.73	3.55
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000, Deduct	*-1.15*	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.35*	
05 12 23 00-0435	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.17	3.67
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.90*	
		For >1,000, Deduct	*-1.21*	
		For 304 Stainless Steel, Add	*6.50*	
		For 316 Stainless Steel, Add	*7.30*	
		For Aluminum, Add	*0.41*	
		For Galvanized Steel, Add	*1.41*	
		For High Strength Steel (HSS), Add	*1.43*	

05 12 23 00-0436 3/16" Thick *(05 12 23 00-0423)*

05 12 23 00-0437	LF	1" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.43	2.87
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.93*	
		For 304 Stainless Steel, Add	*4.56*	
		For 316 Stainless Steel, Add	*5.12*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*0.99*	
		For High Strength Steel (HSS), Add	*1.09*	
05 12 23 00-0438	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.55	3.38
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.31*	
05 12 23 00-0439	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.55	3.38
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.31*	
05 12 23 00-0440	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.31	3.62
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.21*	
		For 304 Stainless Steel, Add	*7.07*	
		For 316 Stainless Steel, Add	*7.94*	
		For Aluminum, Add	*0.45*	
		For Galvanized Steel, Add	*1.54*	
		For High Strength Steel (HSS), Add	*1.46*	
05 12 23 00-0441	LF	1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	7.93	3.75
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.29*	
		For 304 Stainless Steel, Add	*8.35*	
		For 316 Stainless Steel, Add	*9.38*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.82*	
		For High Strength Steel (HSS), Add	*1.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442	LF	2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.93	3.75
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.29*	
		For 304 Stainless Steel, Add	*8.35*	
		For 316 Stainless Steel, Add	*9.38*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.82*	
		For High Strength Steel (HSS), Add	*1.59*	
05 12 23 00-0443	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.54	3.88
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.37*	
		For 304 Stainless Steel, Add	*9.60*	
		For 316 Stainless Steel, Add	*10.78*	
		For Aluminum, Add	*0.61*	
		For Galvanized Steel, Add	*2.09*	
		For High Strength Steel (HSS), Add	*1.71*	
05 12 23 00-0444	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.35	4.15
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.49*	
		For 304 Stainless Steel, Add	*10.83*	
		For 316 Stainless Steel, Add	*12.16*	
		For Aluminum, Add	*0.68*	
		For Galvanized Steel, Add	*2.36*	
		For High Strength Steel (HSS), Add	*1.87*	
05 12 23 00-0445	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.20	4.46
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.61*	
		For 304 Stainless Steel, Add	*12.14*	
		For 316 Stainless Steel, Add	*13.63*	
		For Aluminum, Add	*0.77*	
		For Galvanized Steel, Add	*2.64*	
		For High Strength Steel (HSS), Add	*2.04*	
05 12 23 00-0446	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.19	4.46
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.61*	
		For 304 Stainless Steel, Add	*12.11*	
		For 316 Stainless Steel, Add	*13.60*	
		For Aluminum, Add	*0.77*	
		For Galvanized Steel, Add	*2.64*	
		For High Strength Steel (HSS), Add	*2.04*	
05 12 23 00-0447	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.25	4.92
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000, Deduct	*-1.78*	
		For 304 Stainless Steel, Add	*13.37*	
		For 316 Stainless Steel, Add	*15.01*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.91*	
		For High Strength Steel (HSS), Add	*2.25*	
05 12 23 00-0448	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.31	5.39
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-1.95*	
		For 304 Stainless Steel, Add	*14.62*	
		For 316 Stainless Steel, Add	*16.42*	
		For Aluminum, Add	*0.92*	
		For Galvanized Steel, Add	*3.18*	
		For High Strength Steel (HSS), Add	*2.46*	

05 12 23 00-0449 1/4" Thick *(05 12 23 00-0423)*

05 12 23 00-0450	LF	1" x 1" x 1/4" Thick, Plain Steel Angle Iron	6.48	3.32
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.09*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0451	LF	1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	7.39	3.57
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.22*	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
		For High Strength Steel (HSS), Add	*1.48*	
05 12 23 00-0452	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.38	3.57
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.21*	
		For 304 Stainless Steel, Add	*7.47*	
		For 316 Stainless Steel, Add	*8.38*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.62*	
		For High Strength Steel (HSS), Add	*1.48*	
05 12 23 00-0453	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.29	3.82
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.34*	
		For 304 Stainless Steel, Add	*9.12*	
		For 316 Stainless Steel, Add	*10.24*	
		For Aluminum, Add	*0.58*	
		For Galvanized Steel, Add	*1.98*	
		For High Strength Steel (HSS), Add	*1.66*	
05 12 23 00-0454	LF	1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.11	3.94
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.44*	
		For 304 Stainless Steel, Add	*10.94*	
		For 316 Stainless Steel, Add	*12.29*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.38*	
		For High Strength Steel (HSS), Add	*1.82*	
05 12 23 00-0455	LF	2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.08	3.70
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.29*	
		For 304 Stainless Steel, Add	*9.21*	
		For 316 Stainless Steel, Add	*10.34*	
		For Aluminum, Add	*0.58*	
		For Galvanized Steel, Add	*2.00*	
		For High Strength Steel (HSS), Add	*1.62*	
05 12 23 00-0456	LF	2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.09	3.94
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.44*	
		For 304 Stainless Steel, Add	*10.89*	
		For 316 Stainless Steel, Add	*12.22*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.37*	
		For High Strength Steel (HSS), Add	*1.82*	
05 12 23 00-0457	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.83	4.07
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000, Deduct	*-1.53*	
		For 304 Stainless Steel, Add	*12.54*	
		For 316 Stainless Steel, Add	*14.08*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.73*	
		For High Strength Steel (HSS), Add	*1.97*	
05 12 23 00-0458	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.03	4.52
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.71*	
		For 304 Stainless Steel, Add	*14.28*	
		For 316 Stainless Steel, Add	*16.03*	
		For Aluminum, Add	*0.90*	
		For Galvanized Steel, Add	*3.11*	
		For High Strength Steel (HSS), Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0459	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.26	4.95
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.89*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.11*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.51*	
		For High Strength Steel (HSS), Add	*2.45*	
05 12 23 00-0460	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.26	4.95
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.89*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.11*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.51*	
		For High Strength Steel (HSS), Add	*2.45*	
05 12 23 00-0461	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.54	5.49
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000, Deduct	*-2.09*	
		For 304 Stainless Steel, Add	*17.73*	
		For 316 Stainless Steel, Add	*19.90*	
		For Aluminum, Add	*1.12*	
		For Galvanized Steel, Add	*3.86*	
		For High Strength Steel (HSS), Add	*2.71*	
05 12 23 00-0462	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.80	6.03
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.28*	
		For 304 Stainless Steel, Add	*19.27*	
		For 316 Stainless Steel, Add	*21.63*	
		For Aluminum, Add	*1.22*	
		For Galvanized Steel, Add	*4.19*	
		For High Strength Steel (HSS), Add	*2.96*	
05 12 23 00-0463	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.10	6.49
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.48*	
		For 304 Stainless Steel, Add	*21.23*	
		For 316 Stainless Steel, Add	*23.84*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.62*	
		For High Strength Steel (HSS), Add	*3.22*	
05 12 23 00-0464	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.05	0.68
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.30*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.61*	
		For 304 Stainless Steel, Add	*22.86*	
		For 316 Stainless Steel, Add	*25.66*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.97*	
		For High Strength Steel (HSS), Add	*3.41*	
05 12 23 00-0465	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.05	6.78
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.30*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.61*	
		For 304 Stainless Steel, Add	*22.86*	
		For 316 Stainless Steel, Add	*25.66*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.97*	
		For High Strength Steel (HSS), Add	*3.41*	
05 12 23 00-0466	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.96	7.06
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.05*	
		For >1,000, Deduct	*-2.74*	
		For 304 Stainless Steel, Add	*24.37*	
		For 316 Stainless Steel, Add	*27.36*	
		For Aluminum, Add	*1.54*	
		For Galvanized Steel, Add	*5.30*	
		For High Strength Steel (HSS), Add	*3.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0467	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	18.94	7.36
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-2.88*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.79*	
05 12 23 00-0468	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	18.94	7.36
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-2.88*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.79*	
05 12 23 00-0469	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.01	7.76
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*27.53*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
		For High Strength Steel (HSS), Add	*4.00*	
05 12 23 00-0470		5/16" Thick *(05 12 23 00-0423)*		
05 12 23 00-0471	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.21	5.25
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.02*	
		For 304 Stainless Steel, Add	*17.73*	
		For 316 Stainless Steel, Add	*19.90*	
		For Aluminum, Add	*1.12*	
		For Galvanized Steel, Add	*3.86*	
		For High Strength Steel (HSS), Add	*2.64*	
05 12 23 00-0472	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.33	5.56
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000, Deduct	*-2.18*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For High Strength Steel (HSS), Add	*2.87*	
05 12 23 00-0473	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.33	5.56
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000, Deduct	*-2.18*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For High Strength Steel (HSS), Add	*2.87*	
05 12 23 00-0474	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	15.87	6.09
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.40*	
		For 304 Stainless Steel, Add	*22.06*	
		For 316 Stainless Steel, Add	*24.77*	
		For Aluminum, Add	*1.39*	
		For Galvanized Steel, Add	*4.80*	
		For High Strength Steel (HSS), Add	*3.17*	
05 12 23 00-0475	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.27	6.63
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.61*	
		For 304 Stainless Steel, Add	*24.05*	
		For 316 Stainless Steel, Add	*27.01*	
		For Aluminum, Add	*1.52*	
		For Galvanized Steel, Add	*5.23*	
		For High Strength Steel (HSS), Add	*3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0476	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.42	6.96
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000, Deduct	*-2.77*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.68*	
05 12 23 00-0477	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.67	7.31
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.47*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-2.94*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.93*	
05 12 23 00-0478	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.67	7.31
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.47*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-2.94*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.93*	
05 12 23 00-0479	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	20.92	7.72
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.12*	
		For 304 Stainless Steel, Add	*30.27*	
		For 316 Stainless Steel, Add	*33.98*	
		For Aluminum, Add	*1.91*	
		For Galvanized Steel, Add	*6.58*	
		For High Strength Steel (HSS), Add	*4.18*	
05 12 23 00-0480	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.10	8.06
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-2.46*	
		For >1,000, Deduct	*-3.29*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
		For High Strength Steel (HSS), Add	*4.42*	
05 12 23 00-0481	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.10	8.06
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-2.46*	
		For >1,000, Deduct	*-3.29*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
		For High Strength Steel (HSS), Add	*4.42*	
05 12 23 00-0482	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.21	8.41
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000, Deduct	*-3.44*	
		For 304 Stainless Steel, Add	*34.20*	
		For 316 Stainless Steel, Add	*38.40*	
		For Aluminum, Add	*2.16*	
		For Galvanized Steel, Add	*7.44*	
		For High Strength Steel (HSS), Add	*4.64*	
05 12 23 00-0483	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	25.92	8.76
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.88*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000, Deduct	*-3.76*	
		For 304 Stainless Steel, Add	*40.58*	
		For 316 Stainless Steel, Add	*45.57*	
		For Aluminum, Add	*2.56*	
		For Galvanized Steel, Add	*8.83*	
		For High Strength Steel (HSS), Add	*5.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0484	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	25.69	9.13
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-1.89*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.79*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*5.14*	
05 12 23 00-0485		3/8" Thick *(05 12 23 00-0423)*		
05 12 23 00-0486	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	15.90	5.82
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.37*	
		For 304 Stainless Steel, Add	*23.20*	
		For 316 Stainless Steel, Add	*26.05*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.05*	
		For High Strength Steel (HSS), Add	*3.18*	
05 12 23 00-0487	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.54	6.31
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.30*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000, Deduct	*-2.60*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.51*	
05 12 23 00-0488	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	18.98	6.79
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-2.80*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.80*	
05 12 23 00-0489	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.23	6.97
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-2.95*	
		For 304 Stainless Steel, Add	*31.15*	
		For 316 Stainless Steel, Add	*34.98*	
		For Aluminum, Add	*1.97*	
		For Galvanized Steel, Add	*6.78*	
		For High Strength Steel (HSS), Add	*4.05*	
05 12 23 00-0490	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.54	7.36
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.14*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
		For High Strength Steel (HSS), Add	*4.31*	
05 12 23 00-0491	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.54	7.36
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.14*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
		For High Strength Steel (HSS), Add	*4.31*	
05 12 23 00-0492	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.24	8.01
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-3.39*	
		For 304 Stainless Steel, Add	*35.77*	
		For 316 Stainless Steel, Add	*40.16*	
		For Aluminum, Add	*2.26*	
		For Galvanized Steel, Add	*7.78*	
		For High Strength Steel (HSS), Add	*4.65*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0493	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	24.52	8.25
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.55*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*4.90*	
05 12 23 00-0494	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	24.96	8.58
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-3.64*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*4.99*	
05 12 23 00-0495	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	26.68	9.25
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-2.93*	
		For >1,000, Deduct	*-3.90*	
		For 304 Stainless Steel, Add	*40.90*	
		For 316 Stainless Steel, Add	*45.92*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.90*	
		For High Strength Steel (HSS), Add	*5.34*	
05 12 23 00-0496	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	31.37	10.77
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.57*	
		For 304 Stainless Steel, Add	*48.48*	
		For 316 Stainless Steel, Add	*54.43*	
		For Aluminum, Add	*3.06*	
		For Galvanized Steel, Add	*10.55*	
		For High Strength Steel (HSS), Add	*6.27*	
05 12 23 00-0497	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.49	10.02
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.14*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000, Deduct	*-4.28*	
		For 304 Stainless Steel, Add	*46.00*	
		For 316 Stainless Steel, Add	*51.65*	
		For Aluminum, Add	*2.91*	
		For Galvanized Steel, Add	*10.01*	
		For High Strength Steel (HSS), Add	*5.90*	
05 12 23 00-0498	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	31.37	10.77
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.57*	
		For 304 Stainless Steel, Add	*48.48*	
		For 316 Stainless Steel, Add	*54.43*	
		For Aluminum, Add	*3.06*	
		For Galvanized Steel, Add	*10.55*	
		For High Strength Steel (HSS), Add	*6.27*	
05 12 23 00-0499	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	37.84	12.93
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.75*	
		For >500 To 1,000, Deduct	*-4.13*	
		For >1,000, Deduct	*-5.51*	
		For 304 Stainless Steel, Add	*58.74*	
		For 316 Stainless Steel, Add	*65.95*	
		For Aluminum, Add	*3.71*	
		For Galvanized Steel, Add	*12.78*	
		For High Strength Steel (HSS), Add	*7.57*	
05 12 23 00-0500	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	34.61	11.85
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.52*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-5.04*	
		For 304 Stainless Steel, Add	*53.58*	
		For 316 Stainless Steel, Add	*60.16*	
		For Aluminum, Add	*3.38*	
		For Galvanized Steel, Add	*11.66*	
		For High Strength Steel (HSS), Add	*6.92*	

05 12 23 00-0501 1/2" Thick *(05 12 23 00-0423)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0502	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.25	6.93
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.15*	
		For 304 Stainless Steel, Add	*37.05*	
		For 316 Stainless Steel, Add	*41.60*	
		For Aluminum, Add	*2.34*	
		For Galvanized Steel, Add	*8.06*	
		For High Strength Steel (HSS), Add	*4.45*	
05 12 23 00-0503	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.27	8.20
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.86*	
		For >500 To 1,000, Deduct	*-2.79*	
		For >1,000, Deduct	*-3.72*	
		For 304 Stainless Steel, Add	*43.75*	
		For 316 Stainless Steel, Add	*49.12*	
		For Aluminum, Add	*2.76*	
		For Galvanized Steel, Add	*9.52*	
		For High Strength Steel (HSS), Add	*5.25*	
05 12 23 00-0504	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.16	8.78
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-3.99*	
		For 304 Stainless Steel, Add	*46.91*	
		For 316 Stainless Steel, Add	*52.67*	
		For Aluminum, Add	*2.96*	
		For Galvanized Steel, Add	*10.21*	
		For High Strength Steel (HSS), Add	*5.63*	
05 12 23 00-0505	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	30.29	9.45
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.14*	
		For >500 To 1,000, Deduct	*-3.22*	
		For >1,000, Deduct	*-4.29*	
		For 304 Stainless Steel, Add	*50.45*	
		For 316 Stainless Steel, Add	*56.64*	
		For Aluminum, Add	*3.19*	
		For Galvanized Steel, Add	*10.97*	
		For High Strength Steel (HSS), Add	*6.06*	
05 12 23 00-0506	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	30.29	9.45
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.14*	
		For >500 To 1,000, Deduct	*-3.22*	
		For >1,000, Deduct	*-4.29*	
		For 304 Stainless Steel, Add	*50.45*	
		For 316 Stainless Steel, Add	*56.64*	
		For Aluminum, Add	*3.19*	
		For Galvanized Steel, Add	*10.97*	
		For High Strength Steel (HSS), Add	*6.06*	
05 12 23 00-0507	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.19	10.04
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.56*	
		For 304 Stainless Steel, Add	*53.61*	
		For 316 Stainless Steel, Add	*60.19*	
		For Aluminum, Add	*3.39*	
		For Galvanized Steel, Add	*11.66*	
		For High Strength Steel (HSS), Add	*6.44*	
05 12 23 00-0508	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	38.34	11.96
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.07*	
		For >1,000, Deduct	*-5.43*	
		For 304 Stainless Steel, Add	*63.84*	
		For 316 Stainless Steel, Add	*71.68*	
		For Aluminum, Add	*4.03*	
		For Galvanized Steel, Add	*13.89*	
		For High Strength Steel (HSS), Add	*7.67*	
05 12 23 00-0509	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	38.34	11.96
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.07*	
		For >1,000, Deduct	*-5.43*	
		For 304 Stainless Steel, Add	*63.84*	
		For 316 Stainless Steel, Add	*71.68*	
		For Aluminum, Add	*4.03*	
		For Galvanized Steel, Add	*13.89*	
		For High Strength Steel (HSS), Add	*7.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0510	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	46.38	14.46
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.28*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000, Deduct	*-6.57*	
		For 304 Stainless Steel, Add	*77.24*	
		For 316 Stainless Steel, Add	*86.72*	
		For Aluminum, Add	*4.88*	
		For Galvanized Steel, Add	*16.80*	
		For High Strength Steel (HSS), Add	*9.28*	
05 12 23 00-0511	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	42.34	13.21
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-5.99*	
		For 304 Stainless Steel, Add	*70.51*	
		For 316 Stainless Steel, Add	*79.17*	
		For Aluminum, Add	*4.45*	
		For Galvanized Steel, Add	*15.34*	
		For High Strength Steel (HSS), Add	*8.47*	
05 12 23 00-0512	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	46.38	14.46
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.28*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000, Deduct	*-6.57*	
		For 304 Stainless Steel, Add	*77.24*	
		For 316 Stainless Steel, Add	*86.72*	
		For Aluminum, Add	*4.88*	
		For Galvanized Steel, Add	*16.80*	
		For High Strength Steel (HSS), Add	*9.28*	
05 12 23 00-0513	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	54.44	16.98
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-3.85*	
		For >500 To 1,000, Deduct	*-5.78*	
		For >1,000, Deduct	*-7.71*	
		For 304 Stainless Steel, Add	*90.66*	
		For 316 Stainless Steel, Add	*101.79*	
		For Aluminum, Add	*5.73*	
		For Galvanized Steel, Add	*19.72*	
		For High Strength Steel (HSS), Add	*10.89*	
05 12 23 00-0514	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	62.47	19.48
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.42*	
		For >500 To 1,000, Deduct	*-6.63*	
		For >1,000, Deduct	*-8.84*	
		For 304 Stainless Steel, Add	*104.03*	
		For 316 Stainless Steel, Add	*116.80*	
		For Aluminum, Add	*6.57*	
		For Galvanized Steel, Add	*22.63*	
		For High Strength Steel (HSS), Add	*12.49*	

05 12 23 00-0515 5/8" Thick *(05 12 23 00-0423)*

05 12 23 00-0516	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	36.14	10.82
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.53*	
		For >500 To 1,000, Deduct	*-3.79*	
		For >1,000, Deduct	*-5.06*	
		For 316 Stainless Steel, Add	*69.47*	
		For Aluminum, Add	*3.91*	
		For Galvanized Steel, Add	*13.46*	
		For High Strength Steel (HSS), Add	*7.23*	
05 12 23 00-0517	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	38.69	11.58
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.41*	
		For 316 Stainless Steel, Add	*74.37*	
		For Aluminum, Add	*4.18*	
		For Galvanized Steel, Add	*14.41*	
		For High Strength Steel (HSS), Add	*7.74*	
05 12 23 00-0518	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	46.04	13.79
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-3.22*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-6.44*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
		For High Strength Steel (HSS), Add	*9.21*	
05 12 23 00-0519	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	46.04	13.79
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-3.22*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-6.44*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
		For High Strength Steel (HSS), Add	*9.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0520	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	55.72	16.69
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-3.90*	
		For >500 To 1,000, Deduct	*-5.85*	
		For >1,000, Deduct	*-7.80*	
		For 316 Stainless Steel, Add	*107.10*	
		For Aluminum, Add	*6.02*	
		For Galvanized Steel, Add	*20.75*	
		For High Strength Steel (HSS), Add	*11.14*	
05 12 23 00-0521	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	50.88	15.24
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-3.56*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000, Deduct	*-7.12*	
		For 316 Stainless Steel, Add	*97.79*	
		For Aluminum, Add	*5.50*	
		For Galvanized Steel, Add	*18.95*	
		For High Strength Steel (HSS), Add	*10.18*	
05 12 23 00-0522	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	65.61	19.66
		For >100 To 250, Deduct	*-2.95*	
		For >250 To 500, Deduct	*-4.59*	
		For >500 To 1,000, Deduct	*-6.89*	
		For >1,000, Deduct	*-9.18*	
		For 316 Stainless Steel, Add	*126.11*	
		For Aluminum, Add	*7.09*	
		For Galvanized Steel, Add	*24.43*	
		For High Strength Steel (HSS), Add	*13.12*	
05 12 23 00-0523	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	75.29	22.55
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.27*	
		For >500 To 1,000, Deduct	*-7.90*	
		For >1,000, Deduct	*-10.54*	
		For 316 Stainless Steel, Add	*144.70*	
		For Aluminum, Add	*8.14*	
		For Galvanized Steel, Add	*28.04*	
		For High Strength Steel (HSS), Add	*15.06*	

05 12 23 00-0524 3/4" Thick *(05 12 23 00-0423)*

05 12 23 00-0525	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	41.55	11.97
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.88*	
		For >500 To 1,000, Deduct	*-4.31*	
		For >1,000, Deduct	*-5.75*	
		For 316 Stainless Steel, Add	*81.89*	
		For Aluminum, Add	*4.61*	
		For Galvanized Steel, Add	*15.87*	
		For High Strength Steel (HSS), Add	*8.31*	
05 12 23 00-0526	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	44.45	12.80
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.08*	
		For >500 To 1,000, Deduct	*-4.61*	
		For >1,000, Deduct	*-6.15*	
		For 316 Stainless Steel, Add	*87.62*	
		For Aluminum, Add	*4.93*	
		For Galvanized Steel, Add	*16.98*	
		For High Strength Steel (HSS), Add	*8.89*	
05 12 23 00-0527	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	52.98	15.26
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-3.67*	
		For >500 To 1,000, Deduct	*-5.50*	
		For >1,000, Deduct	*-7.33*	
		For 316 Stainless Steel, Add	*104.45*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.24*	
		For High Strength Steel (HSS), Add	*10.60*	
05 12 23 00-0528	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	52.98	15.26
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-3.67*	
		For >500 To 1,000, Deduct	*-5.50*	
		For >1,000, Deduct	*-7.33*	
		For 316 Stainless Steel, Add	*104.45*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.24*	
		For High Strength Steel (HSS), Add	*10.60*	
05 12 23 00-0529	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	64.44	18.55
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.46*	
		For >500 To 1,000, Deduct	*-6.69*	
		For >1,000, Deduct	*-8.92*	
		For 316 Stainless Steel, Add	*127.01*	
		For Aluminum, Add	*7.14*	
		For Galvanized Steel, Add	*24.61*	
		For High Strength Steel (HSS), Add	*12.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0530	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	58.82	16.94
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.07*	
		For >500 To 1,000, Deduct	*-6.11*	
		For >1,000, Deduct	*-8.14*	
		For 316 Stainless Steel, Add	*115.94*	
		For Aluminum, Add	*6.52*	
		For Galvanized Steel, Add	*22.46*	
		For High Strength Steel (HSS), Add	*11.76*	
05 12 23 00-0531	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	64.44	18.55
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.46*	
		For >500 To 1,000, Deduct	*-6.69*	
		For >1,000, Deduct	*-8.92*	
		For 316 Stainless Steel, Add	*127.01*	
		For Aluminum, Add	*7.14*	
		For Galvanized Steel, Add	*24.61*	
		For High Strength Steel (HSS), Add	*12.89*	
05 12 23 00-0532	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	75.89	21.85
		For >100 To 250, Deduct	*-3.35*	
		For >250 To 500, Deduct	*-5.25*	
		For >500 To 1,000, Deduct	*-7.88*	
		For >1,000, Deduct	*-10.50*	
		For 316 Stainless Steel, Add	*149.60*	
		For Aluminum, Add	*8.42*	
		For Galvanized Steel, Add	*28.99*	
		For High Strength Steel (HSS), Add	*15.18*	
05 12 23 00-0533	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	87.34	25.14
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.04*	
		For >500 To 1,000, Deduct	*-9.07*	
		For >1,000, Deduct	*-12.09*	
		For 316 Stainless Steel, Add	*172.16*	
		For Aluminum, Add	*9.68*	
		For Galvanized Steel, Add	*33.36*	
		For High Strength Steel (HSS), Add	*17.47*	

05 12 23 00-0534 7/8" Thick *(05 12 23 00-0423)*

05 12 23 00-0535	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	59.49	16.41
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.07*	
		For >500 To 1,000, Deduct	*-6.10*	
		For >1,000, Deduct	*-8.14*	
		For 316 Stainless Steel, Add	*120.35*	
		For Aluminum, Add	*6.77*	
		For Galvanized Steel, Add	*23.32*	
		For High Strength Steel (HSS), Add	*11.90*	
05 12 23 00-0536	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	59.49	16.41
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.07*	
		For >500 To 1,000, Deduct	*-6.10*	
		For >1,000, Deduct	*-8.14*	
		For 316 Stainless Steel, Add	*120.35*	
		For Aluminum, Add	*6.77*	
		For Galvanized Steel, Add	*23.32*	
		For High Strength Steel (HSS), Add	*11.90*	
05 12 23 00-0537	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	72.41	19.98
		For >100 To 250, Deduct	*-3.14*	
		For >250 To 500, Deduct	*-4.95*	
		For >500 To 1,000, Deduct	*-7.43*	
		For >1,000, Deduct	*-9.90*	
		For 316 Stainless Steel, Add	*146.50*	
		For Aluminum, Add	*8.24*	
		For Galvanized Steel, Add	*28.38*	
		For High Strength Steel (HSS), Add	*14.48*	
05 12 23 00-0538	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	85.53	23.60
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-5.85*	
		For >500 To 1,000, Deduct	*-8.77*	
		For >1,000, Deduct	*-11.70*	
		For 316 Stainless Steel, Add	*173.02*	
		For Aluminum, Add	*9.73*	
		For Galvanized Steel, Add	*33.52*	
		For High Strength Steel (HSS), Add	*17.11*	
05 12 23 00-0539	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	98.43	27.16
		For >100 To 250, Deduct	*-4.27*	
		For >250 To 500, Deduct	*-6.73*	
		For >500 To 1,000, Deduct	*-10.10*	
		For >1,000, Deduct	*-13.46*	
		For 316 Stainless Steel, Add	*199.10*	
		For Aluminum, Add	*11.20*	
		For Galvanized Steel, Add	*38.58*	
		For High Strength Steel (HSS), Add	*19.69*	

05 12 23 00-0540 Bar Channel *(05 12 23 00-0422)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0541	LF	1" x 1/2" x 1/8" Thick Bar Channel	5.13	
		For 304 Stainless Steel, Add	*4.30*	
		For 316 Stainless Steel, Add	*4.83*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.94*	
		For High Strength Steel (HSS), Add	*1.03*	
05 12 23 00-0542	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.74	
		For 304 Stainless Steel, Add	*5.13*	
		For 316 Stainless Steel, Add	*5.76*	
		For Aluminum, Add	*0.32*	
		For Galvanized Steel, Add	*1.12*	
		For High Strength Steel (HSS), Add	*1.15*	
05 12 23 00-0543	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.25	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.25*	
05 12 23 00-0544	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	7.18	
		For 304 Stainless Steel, Add	*5.93*	
		For 316 Stainless Steel, Add	*6.66*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.29*	
		For High Strength Steel (HSS), Add	*1.44*	
05 12 23 00-0545	LF	2" x 1/2" x 1/8" Thick Bar Channel	7.65	
		For 304 Stainless Steel, Add	*7.27*	
		For 316 Stainless Steel, Add	*8.16*	
		For Aluminum, Add	*0.46*	
		For Galvanized Steel, Add	*1.58*	
05 12 23 00-0546	LF	2" x 1" x 1/8" Thick Bar Channel	10.13	
		For 304 Stainless Steel, Add	*8.09*	
		For 316 Stainless Steel, Add	*9.09*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.76*	

05 12 23 00-0547 Channels - C *(05 12 23 00-0422)*

05 12 23 00-0548	LF	C2 x 1.78 - 2" Wide Channel	8.41	4.50
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.44*	
		For 304 Stainless Steel, Add	*6.90*	
		For 316 Stainless Steel, Add	*7.74*	
		For Aluminum, Add	*0.44*	
		For Galvanized Steel, Add	*1.50*	
05 12 23 00-0549	LF	C3 x 4.1 - 3" Wide Channel	14.29	6.46
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000, Deduct	*-2.29*	
		For 304 Stainless Steel, Add	*16.16*	
		For 316 Stainless Steel, Add	*18.14*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.52*	
05 12 23 00-0550	LF	C3 x 5 - 3" Wide Channel	17.43	7.88
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-2.80*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
05 12 23 00-0551	LF	C3 x 6 - 3" Wide Channel	20.92	9.46
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.35*	
		For 304 Stainless Steel, Add	*23.66*	
		For 316 Stainless Steel, Add	*26.56*	
		For Aluminum, Add	*1.49*	
		For Galvanized Steel, Add	*5.15*	
05 12 23 00-0552	LF	C4 x 5.4 - 4" Wide Channel	17.82	7.76
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.82*	
		For 304 Stainless Steel, Add	*21.29*	
		For 316 Stainless Steel, Add	*23.90*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.63*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0553	LF	C4 x 7.25 - 4" Wide Channel	23.91	10.41
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.89*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.78*	
		For 304 Stainless Steel, Add	*28.56*	
		For 316 Stainless Steel, Add	*32.06*	
		For Aluminum, Add	*1.80*	
		For Galvanized Steel, Add	*6.21*	
05 12 23 00-0554	LF	C5 x 6.7 - 5" Wide Channel	21.33	9.04
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.67*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-3.34*	
		For 304 Stainless Steel, Add	*26.39*	
		For 316 Stainless Steel, Add	*29.63*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.74*	
05 12 23 00-0555	LF	C5 x 9 - 5" Wide Channel	28.65	12.16
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-3.36*	
		For >1,000, Deduct	*-4.49*	
		For 304 Stainless Steel, Add	*35.45*	
		For 316 Stainless Steel, Add	*39.81*	
		For Aluminum, Add	*2.24*	
		For Galvanized Steel, Add	*7.71*	
05 12 23 00-0556	LF	C6 x 8.2 - 6" Wide Channel	25.82	10.86
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.02*	
		For >500 To 1,000, Deduct	*-3.02*	
		For >1,000, Deduct	*-4.03*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
05 12 23 00-0557	LF	C6 x 10.5 - 6" Wide Channel	33.06	13.91
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.58*	
		For >500 To 1,000, Deduct	*-3.87*	
		For >1,000, Deduct	*-5.16*	
		For 304 Stainless Steel, Add	*41.38*	
		For 316 Stainless Steel, Add	*46.46*	
		For Aluminum, Add	*2.61*	
		For Galvanized Steel, Add	*9.00*	
05 12 23 00-0558	LF	C6 x 13 - 6" Wide Channel	40.93	17.22
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.19*	
		For >500 To 1,000, Deduct	*-4.79*	
		For >1,000, Deduct	*-6.39*	
		For 304 Stainless Steel, Add	*51.21*	
		For 316 Stainless Steel, Add	*57.50*	
		For Aluminum, Add	*3.23*	
		For Galvanized Steel, Add	*11.14*	
05 12 23 00-0559	LF	C7 x 9.8 - 7" Wide Channel	30.79	12.93
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-4.80*	
		For 304 Stainless Steel, Add	*38.62*	
		For 316 Stainless Steel, Add	*43.36*	
		For Aluminum, Add	*2.44*	
		For Galvanized Steel, Add	*8.40*	
05 12 23 00-0560	LF	C7 x 12.25 - 7" Wide Channel	38.49	16.16
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.00*	
		For 304 Stainless Steel, Add	*48.28*	
		For 316 Stainless Steel, Add	*54.21*	
		For Aluminum, Add	*3.05*	
		For Galvanized Steel, Add	*10.50*	
05 12 23 00-0561	LF	C7 x 14.75 - 7" Wide Channel	46.34	19.45
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-3.61*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.23*	
		For 304 Stainless Steel, Add	*58.11*	
		For 316 Stainless Steel, Add	*65.25*	
		For Aluminum, Add	*3.67*	
		For Galvanized Steel, Add	*12.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0562	LF	C8 x 11.5 - 8" Wide Channel	34.87	14.22
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.69*	
		For >500 To 1,000, Deduct	*-4.04*	
		For >1,000, Deduct	*-5.38*	
		For 304 Stainless Steel, Add	*45.32*	
		For 316 Stainless Steel, Add	*50.88*	
		For Aluminum, Add	*2.86*	
		For Galvanized Steel, Add	*9.86*	
05 12 23 00-0563	LF	C8 x 13.75 - 8" Wide Channel	41.69	17.01
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-3.22*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-6.44*	
		For 304 Stainless Steel, Add	*54.18*	
		For 316 Stainless Steel, Add	*60.83*	
		For Aluminum, Add	*3.42*	
		For Galvanized Steel, Add	*11.79*	
05 12 23 00-0564	LF	C8 x 18.75 - 8" Wide Channel	56.83	23.19
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-4.39*	
		For >500 To 1,000, Deduct	*-6.58*	
		For >1,000, Deduct	*-8.77*	
		For 304 Stainless Steel, Add	*73.87*	
		For 316 Stainless Steel, Add	*82.94*	
		For Aluminum, Add	*4.67*	
		For Galvanized Steel, Add	*16.07*	
05 12 23 00-0565	LF	C9 x 13.4 - 9" Wide Channel	40.63	16.57
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000, Deduct	*-6.27*	
		For 304 Stainless Steel, Add	*52.81*	
		For 316 Stainless Steel, Add	*59.30*	
		For Aluminum, Add	*3.34*	
		For Galvanized Steel, Add	*11.49*	
05 12 23 00-0566	LF	C9 x 15 - 9" Wide Channel	45.48	18.55
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-3.51*	
		For >500 To 1,000, Deduct	*-5.27*	
		For >1,000, Deduct	*-7.02*	
		For 304 Stainless Steel, Add	*59.11*	
		For 316 Stainless Steel, Add	*66.37*	
		For Aluminum, Add	*3.73*	
		For Galvanized Steel, Add	*12.86*	
05 12 23 00-0567	LF	C9 x 20 - 9" Wide Channel	60.64	24.74
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.68*	
		For >500 To 1,000, Deduct	*-7.02*	
		For >1,000, Deduct	*-9.36*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
05 12 23 00-0568	LF	C10 x 15.3 - 10" Wide Channel	46.37	18.92
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-3.58*	
		For >500 To 1,000, Deduct	*-5.37*	
		For >1,000, Deduct	*-7.16*	
		For 304 Stainless Steel, Add	*60.28*	
		For 316 Stainless Steel, Add	*67.68*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.11*	
05 12 23 00-0569	LF	C10 x 20 - 10" Wide Channel	60.64	24.74
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.68*	
		For >500 To 1,000, Deduct	*-7.02*	
		For >1,000, Deduct	*-9.36*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
05 12 23 00-0570	LF	C10 x 25 - 10" Wide Channel	75.80	30.91
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-5.85*	
		For >500 To 1,000, Deduct	*-8.78*	
		For >1,000, Deduct	*-11.70*	
		For 304 Stainless Steel, Add	*98.52*	
		For 316 Stainless Steel, Add	*110.62*	
		For Aluminum, Add	*6.22*	
		For Galvanized Steel, Add	*21.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0571	LF	C10 x 30 - 10" Wide Channel	90.95	37.10
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-7.02*	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000, Deduct	*-14.04*	
		For 304 Stainless Steel, Add	*118.22*	
		For 316 Stainless Steel, Add	*132.74*	
		For Aluminum, Add	*7.47*	
		For Galvanized Steel, Add	*25.72*	
05 12 23 00-0572	LF	C12 x 20.7 - 12" Wide Channel	62.76	25.61
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-4.85*	
		For >500 To 1,000, Deduct	*-7.27*	
		For >1,000, Deduct	*-9.69*	
		For 304 Stainless Steel, Add	*81.57*	
		For 316 Stainless Steel, Add	*91.58*	
		For Aluminum, Add	*5.15*	
		For Galvanized Steel, Add	*17.74*	
05 12 23 00-0573	LF	C12 x 25 - 12" Wide Channel	75.80	30.91
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-5.85*	
		For >500 To 1,000, Deduct	*-8.78*	
		For >1,000, Deduct	*-11.70*	
		For 304 Stainless Steel, Add	*98.52*	
		For 316 Stainless Steel, Add	*110.62*	
		For Aluminum, Add	*6.22*	
		For Galvanized Steel, Add	*21.43*	
05 12 23 00-0574	LF	C12 x 30 - 12" Wide Channel	90.95	37.10
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-7.02*	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000, Deduct	*-14.04*	
		For 304 Stainless Steel, Add	*118.22*	
		For 316 Stainless Steel, Add	*132.74*	
		For Aluminum, Add	*7.47*	
		For Galvanized Steel, Add	*25.72*	
05 12 23 00-0575	LF	C15 x 33.9 - 15" Wide Channel	102.78	41.93
		For >100 To 250, Deduct	*-5.37*	
		For >250 To 500, Deduct	*-7.93*	
		For >500 To 1,000, Deduct	*-11.90*	
		For >1,000, Deduct	*-15.87*	
		For 304 Stainless Steel, Add	*133.58*	
		For 316 Stainless Steel, Add	*149.98*	
		For Aluminum, Add	*8.44*	
		For Galvanized Steel, Add	*29.06*	
05 12 23 00-0576	LF	C15 x 40 - 15" Wide Channel	121.27	49.47
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-9.36*	
		For >500 To 1,000, Deduct	*-14.04*	
		For >1,000, Deduct	*-18.72*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	
05 12 23 00-0577	LF	C15 x 50 - 15" Wide Channel	151.58	61.84
		For >100 To 250, Deduct	*-7.91*	
		For >250 To 500, Deduct	*-11.70*	
		For >500 To 1,000, Deduct	*-17.55*	
		For >1,000, Deduct	*-23.40*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	

05 12 23 00-0578 Miscellaneous Channels - MC *(05 12 23 00-0422)*

05 12 23 00-0579	LF	MC6 x 12 - 6" Wide Channel	37.78	15.90
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-2.95*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000, Deduct	*-5.90*	
		For 304 Stainless Steel, Add	*47.28*	
		For 316 Stainless Steel, Add	*53.09*	
		For Aluminum, Add	*2.99*	
		For Galvanized Steel, Add	*10.29*	
05 12 23 00-0580	LF	MC6 x 15.1 - 6" Wide Channel	47.55	20.00
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-3.71*	
		For >500 To 1,000, Deduct	*-5.57*	
		For >1,000, Deduct	*-7.42*	
		For 304 Stainless Steel, Add	*59.51*	
		For 316 Stainless Steel, Add	*66.82*	
		For Aluminum, Add	*3.76*	
		For Galvanized Steel, Add	*12.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0581	LF	MC6 x 15.3 - 6" Wide Channel	48.17	20.26
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-3.76*	
		For >500 To 1,000, Deduct	*-5.64*	
		For >1,000, Deduct	*-7.52*	
		For 304 Stainless Steel, Add	*60.28*	
		For 316 Stainless Steel, Add	*67.68*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.11*	
05 12 23 00-0582	LF	MC6 x 16.3 - 6" Wide Channel	51.33	21.59
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.01*	
		For >500 To 1,000, Deduct	*-6.01*	
		For >1,000, Deduct	*-8.01*	
		For 304 Stainless Steel, Add	*64.24*	
		For 316 Stainless Steel, Add	*72.13*	
		For Aluminum, Add	*4.06*	
		For Galvanized Steel, Add	*13.97*	
05 12 23 00-0583	LF	MC6 x 18 - 6" Wide Channel	56.68	23.84
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-4.42*	
		For >500 To 1,000, Deduct	*-6.64*	
		For >1,000, Deduct	*-8.85*	
		For 304 Stainless Steel, Add	*70.94*	
		For 316 Stainless Steel, Add	*79.65*	
		For Aluminum, Add	*4.48*	
		For Galvanized Steel, Add	*15.43*	
05 12 23 00-0584	LF	MC7 x 17.6 - 7" Wide Channel	55.29	23.23
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.31*	
		For >500 To 1,000, Deduct	*-6.47*	
		For >1,000, Deduct	*-8.63*	
		For 304 Stainless Steel, Add	*69.34*	
		For 316 Stainless Steel, Add	*77.86*	
		For Aluminum, Add	*4.38*	
		For Galvanized Steel, Add	*15.08*	
05 12 23 00-0585	LF	MC7 x 19.1 - 7" Wide Channel	60.02	25.20
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-4.68*	
		For >500 To 1,000, Deduct	*-7.02*	
		For >1,000, Deduct	*-9.36*	
		For 304 Stainless Steel, Add	*75.27*	
		For 316 Stainless Steel, Add	*84.51*	
		For Aluminum, Add	*4.75*	
		For Galvanized Steel, Add	*16.37*	
05 12 23 00-0586	LF	MC7 x 22.7 - 7" Wide Channel	71.33	29.95
		For >100 To 250, Deduct	*-3.78*	
		For >250 To 500, Deduct	*-5.56*	
		For >500 To 1,000, Deduct	*-8.35*	
		For >1,000, Deduct	*-11.13*	
		For 304 Stainless Steel, Add	*89.46*	
		For 316 Stainless Steel, Add	*100.45*	
		For Aluminum, Add	*5.65*	
		For Galvanized Steel, Add	*19.46*	
05 12 23 00-0587	LF	MC8 x 8.5 - 8" Wide Channel	25.78	10.52
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-3.98*	
		For 304 Stainless Steel, Add	*33.49*	
		For 316 Stainless Steel, Add	*37.60*	
		For Aluminum, Add	*2.12*	
		For Galvanized Steel, Add	*7.29*	
05 12 23 00-0588	LF	MC8 x 18.7 - 8" Wide Channel	56.69	23.12
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-4.38*	
		For >500 To 1,000, Deduct	*-6.56*	
		For >1,000, Deduct	*-8.75*	
		For 304 Stainless Steel, Add	*73.70*	
		For 316 Stainless Steel, Add	*82.75*	
		For Aluminum, Add	*4.65*	
		For Galvanized Steel, Add	*16.03*	
05 12 23 00-0589	LF	MC8 x 20 - 8" Wide Channel	60.64	24.74
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.68*	
		For >500 To 1,000, Deduct	*-7.02*	
		For >1,000, Deduct	*-9.36*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0590	LF	MC8 x 21.4 - 8" Wide Channel	64.89	26.47
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.01*	
		For >500 To 1,000, Deduct	*-7.51*	
		For >1,000, Deduct	*-10.02*	
		For 304 Stainless Steel, Add	*84.33*	
		For 316 Stainless Steel, Add	*94.69*	
		For Aluminum, Add	*5.33*	
		For Galvanized Steel, Add	*18.35*	
05 12 23 00-0591	LF	MC8 x 22.8 - 8" Wide Channel	69.11	28.21
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-5.34*	
		For >500 To 1,000, Deduct	*-8.00*	
		For >1,000, Deduct	*-10.67*	
		For 304 Stainless Steel, Add	*89.83*	
		For 316 Stainless Steel, Add	*100.86*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.54*	
05 12 23 00-0592	LF	MC9 x 23.9 - 9" Wide Channel	72.46	29.56
		For >100 To 250, Deduct	*-3.78*	
		For >250 To 500, Deduct	*-5.59*	
		For >500 To 1,000, Deduct	*-8.39*	
		For >1,000, Deduct	*-11.19*	
		For 304 Stainless Steel, Add	*94.19*	
		For 316 Stainless Steel, Add	*105.76*	
		For Aluminum, Add	*5.95*	
		For Galvanized Steel, Add	*20.49*	
05 12 23 00-0593	LF	MC9 x 25.4 - 9" Wide Channel	77.00	31.41
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-5.94*	
		For >500 To 1,000, Deduct	*-8.92*	
		For >1,000, Deduct	*-11.89*	
		For 304 Stainless Steel, Add	*100.09*	
		For 316 Stainless Steel, Add	*112.38*	
		For Aluminum, Add	*6.32*	
		For Galvanized Steel, Add	*21.77*	
05 12 23 00-0594	LF	MC10 x 6.5 - 10" Wide Channel	19.71	8.03
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*25.62*	
		For 316 Stainless Steel, Add	*28.77*	
		For Aluminum, Add	*1.62*	
		For Galvanized Steel, Add	*5.57*	
05 12 23 00-0595	LF	MC10 x 8.4 - 10" Wide Channel	25.46	10.39
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000, Deduct	*-3.93*	
		For 304 Stainless Steel, Add	*33.09*	
		For 316 Stainless Steel, Add	*37.15*	
		For Aluminum, Add	*2.09*	
		For Galvanized Steel, Add	*7.20*	
05 12 23 00-0596	LF	MC10 x 21.9 - 10" Wide Channel	66.39	27.09
		For >100 To 250, Deduct	*-3.47*	
		For >250 To 500, Deduct	*-5.13*	
		For >500 To 1,000, Deduct	*-7.69*	
		For >1,000, Deduct	*-10.25*	
		For 304 Stainless Steel, Add	*86.30*	
		For 316 Stainless Steel, Add	*96.90*	
		For Aluminum, Add	*5.45*	
		For Galvanized Steel, Add	*18.77*	
05 12 23 00-0597	LF	MC10 x 24.9 - 10" Wide Channel	75.50	30.80
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-5.83*	
		For >500 To 1,000, Deduct	*-8.74*	
		For >1,000, Deduct	*-11.66*	
		For 304 Stainless Steel, Add	*98.13*	
		For 316 Stainless Steel, Add	*110.18*	
		For Aluminum, Add	*6.20*	
		For Galvanized Steel, Add	*21.35*	
05 12 23 00-0598	LF	MC10 x 25.3 - 10" Wide Channel	76.70	31.30
		For >100 To 250, Deduct	*-4.00*	
		For >250 To 500, Deduct	*-5.92*	
		For >500 To 1,000, Deduct	*-8.88*	
		For >1,000, Deduct	*-11.84*	
		For 304 Stainless Steel, Add	*99.69*	
		For 316 Stainless Steel, Add	*111.94*	
		For Aluminum, Add	*6.30*	
		For Galvanized Steel, Add	*21.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0599	LF	MC10 x 28.3 - 10" Wide Channel	85.81	35.00
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-6.62*	
		For >500 To 1,000, Deduct	*-9.94*	
		For >1,000, Deduct	*-13.25*	
		For 304 Stainless Steel, Add	*111.52*	
		For 316 Stainless Steel, Add	*125.22*	
		For Aluminum, Add	*7.04*	
		For Galvanized Steel, Add	*24.26*	
05 12 23 00-0600	LF	MC10 x 28.5 - 10" Wide Channel	86.41	35.25
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-6.67*	
		For >500 To 1,000, Deduct	*-10.01*	
		For >1,000, Deduct	*-13.34*	
		For 304 Stainless Steel, Add	*112.32*	
		For 316 Stainless Steel, Add	*126.11*	
		For Aluminum, Add	*7.09*	
		For Galvanized Steel, Add	*24.43*	
05 12 23 00-0601	LF	MC10 x 33.6 - 10" Wide Channel	101.87	41.57
		For >100 To 250, Deduct	*-5.32*	
		For >250 To 500, Deduct	*-7.86*	
		For >500 To 1,000, Deduct	*-11.80*	
		For >1,000, Deduct	*-15.73*	
		For 304 Stainless Steel, Add	*132.41*	
		For 316 Stainless Steel, Add	*148.67*	
		For Aluminum, Add	*8.36*	
		For Galvanized Steel, Add	*28.81*	
05 12 23 00-0602	LF	MC10 x 41.1 - 10" Wide Channel	124.61	50.83
		For >100 To 250, Deduct	*-6.50*	
		For >250 To 500, Deduct	*-9.62*	
		For >500 To 1,000, Deduct	*-14.43*	
		For >1,000, Deduct	*-19.24*	
		For 304 Stainless Steel, Add	*161.97*	
		For 316 Stainless Steel, Add	*181.86*	
		For Aluminum, Add	*10.23*	
		For Galvanized Steel, Add	*35.23*	
05 12 23 00-0603	LF	MC12 x 30.9 - 12" Wide Channel	93.68	38.22
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.46*	
		For 304 Stainless Steel, Add	*121.75*	
		For 316 Stainless Steel, Add	*136.70*	
		For Aluminum, Add	*7.69*	
		For Galvanized Steel, Add	*26.49*	
05 12 23 00-0604	LF	MC12 x 32.9 - 12" Wide Channel	99.75	40.69
		For >100 To 250, Deduct	*-5.21*	
		For >250 To 500, Deduct	*-7.70*	
		For >500 To 1,000, Deduct	*-11.55*	
		For >1,000, Deduct	*-15.40*	
		For 304 Stainless Steel, Add	*129.65*	
		For 316 Stainless Steel, Add	*145.57*	
		For Aluminum, Add	*8.19*	
		For Galvanized Steel, Add	*28.20*	
05 12 23 00-0605	LF	MC12 x 35 - 12" Wide Channel	106.12	43.28
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-12.29*	
		For >1,000, Deduct	*-16.39*	
		For 304 Stainless Steel, Add	*137.91*	
		For 316 Stainless Steel, Add	*154.85*	
		For Aluminum, Add	*8.71*	
		For Galvanized Steel, Add	*30.00*	
05 12 23 00-0606	LF	MC12 x 37 - 12" Wide Channel	112.18	45.77
		For >100 To 250, Deduct	*-5.86*	
		For >250 To 500, Deduct	*-8.66*	
		For >500 To 1,000, Deduct	*-12.99*	
		For >1,000, Deduct	*-17.32*	
		For 304 Stainless Steel, Add	*145.81*	
		For 316 Stainless Steel, Add	*163.71*	
		For Aluminum, Add	*9.21*	
		For Galvanized Steel, Add	*31.72*	
05 12 23 00-0607	LF	MC12 x 40 - 12" Wide Channel	121.27	49.47
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-9.36*	
		For >500 To 1,000, Deduct	*-14.04*	
		For >1,000, Deduct	*-18.72*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0608	LF	MC12 x 45 - 12" Wide Channel	136.44	55.66
		For >100 To 250, Deduct	*-7.12*	
		For >250 To 500, Deduct	*-10.53*	
		For >500 To 1,000, Deduct	*-15.80*	
		For >1,000, Deduct	*-21.07*	
		For 304 Stainless Steel, Add	*177.33*	
		For 316 Stainless Steel, Add	*199.10*	
		For Aluminum, Add	*11.20*	
		For Galvanized Steel, Add	*38.58*	
05 12 23 00-0609	LF	MC12 x 50 - 12" Wide Channel	151.58	61.85
		For >100 To 250, Deduct	*-7.91*	
		For >250 To 500, Deduct	*-11.70*	
		For >500 To 1,000, Deduct	*-17.55*	
		For >1,000, Deduct	*-23.40*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	
05 12 23 00-0610	LF	MC13 x 31.8 - 13" Wide Channel	96.42	39.33
		For >100 To 250, Deduct	*-5.03*	
		For >250 To 500, Deduct	*-7.44*	
		For >500 To 1,000, Deduct	*-11.17*	
		For >1,000, Deduct	*-14.89*	
		For 304 Stainless Steel, Add	*125.31*	
		For 316 Stainless Steel, Add	*140.70*	
		For Aluminum, Add	*7.91*	
		For Galvanized Steel, Add	*27.26*	
05 12 23 00-0611	LF	MC13 x 35 - 13" Wide Channel	106.12	43.28
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-12.29*	
		For >1,000, Deduct	*-16.39*	
		For 304 Stainless Steel, Add	*137.91*	
		For 316 Stainless Steel, Add	*154.85*	
		For Aluminum, Add	*8.71*	
		For Galvanized Steel, Add	*30.00*	
05 12 23 00-0612	LF	MC13 x 40 - 13" Wide Channel	121.27	49.47
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-9.36*	
		For >500 To 1,000, Deduct	*-14.04*	
		For >1,000, Deduct	*-18.72*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	
05 12 23 00-0613	LF	MC13 x 50 - 13" Wide Channel	151.58	61.85
		For >100 To 250, Deduct	*-7.91*	
		For >250 To 500, Deduct	*-11.70*	
		For >500 To 1,000, Deduct	*-17.55*	
		For >1,000, Deduct	*-23.40*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	
05 12 23 00-0614	LF	MC18 x 42.7 - 18" Wide Channel	129.46	52.81
		For >100 To 250, Deduct	*-6.76*	
		For >250 To 500, Deduct	*-9.99*	
		For >500 To 1,000, Deduct	*-14.99*	
		For >1,000, Deduct	*-19.99*	
		For 304 Stainless Steel, Add	*168.26*	
		For 316 Stainless Steel, Add	*188.93*	
		For Aluminum, Add	*10.63*	
		For Galvanized Steel, Add	*36.60*	
05 12 23 00-0615	LF	MC18 x 45.8 - 18" Wide Channel	138.85	56.65
		For >100 To 250, Deduct	*-7.25*	
		For >250 To 500, Deduct	*-10.72*	
		For >500 To 1,000, Deduct	*-16.08*	
		For >1,000, Deduct	*-21.44*	
		For 304 Stainless Steel, Add	*180.49*	
		For 316 Stainless Steel, Add	*202.66*	
		For Aluminum, Add	*11.40*	
		For Galvanized Steel, Add	*39.26*	
05 12 23 00-0616	LF	MC18 x 51.9 - 18" Wide Channel	157.36	64.19
		For >100 To 250, Deduct	*-8.21*	
		For >250 To 500, Deduct	*-12.15*	
		For >500 To 1,000, Deduct	*-18.22*	
		For >1,000, Deduct	*-24.30*	
		For 304 Stainless Steel, Add	*204.52*	
		For 316 Stainless Steel, Add	*229.63*	
		For Aluminum, Add	*12.92*	
		For Galvanized Steel, Add	*44.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0617	LF	MC18 x 58 - 18" Wide Channel	175.84	71.73
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-13.57*	
		For >500 To 1,000, Deduct	*-20.36*	
		For >1,000, Deduct	*-27.15*	
		For 304 Stainless Steel, Add	*228.54*	
		For 316 Stainless Steel, Add	*256.61*	
		For Aluminum, Add	*14.43*	
		For Galvanized Steel, Add	*49.72*	

05 12 23 00-0618 Structural Bar Tees *(05 12 23 00-0422)*

05 12 23 00-0619	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.51	3.29
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-0.99*	
		For 304 Stainless Steel, Add	*3.19*	
		For 316 Stainless Steel, Add	*3.58*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.69*	
05 12 23 00-0620	LF	1" x 1" x 1/8" Structural Bar Tee	6.70	3.88
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.19*	
		For 304 Stainless Steel, Add	*4.36*	
		For 316 Stainless Steel, Add	*4.90*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.95*	
05 12 23 00-0621	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.35	4.48
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.63*	
		For 304 Stainless Steel, Add	*12.48*	
		For 316 Stainless Steel, Add	*14.02*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.72*	
05 12 23 00-0622	LF	2" x 2" x 1/4" Structural Bar Tee	14.34	5.86
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.22*	
		For 304 Stainless Steel, Add	*18.61*	
		For 316 Stainless Steel, Add	*20.90*	
		For Aluminum, Add	*1.18*	
		For Galvanized Steel, Add	*4.05*	
05 12 23 00-0623	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.16	7.06
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-3.06*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
05 12 23 00-0624	LF	3" x 3" x 3/8" Structural Bar Tee	26.14	9.05
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.82*	
		For 304 Stainless Steel, Add	*40.10*	
		For 316 Stainless Steel, Add	*45.02*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.72*	

05 12 23 00-0625 Structural Zees *(05 12 23 00-0422)*

05 12 23 00-0626	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	12.51	4.48
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.85*	
		For 304 Stainless Steel, Add	*18.64*	
		For 316 Stainless Steel, Add	*20.93*	
		For Aluminum, Add	*1.18*	
		For Galvanized Steel, Add	*4.05*	
05 12 23 00-0627	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	22.76	5.35
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-2.99*	
		For 304 Stainless Steel, Add	*44.57*	
		For 316 Stainless Steel, Add	*50.05*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0628	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	27.18	6.03
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.52*	
		For 304 Stainless Steel, Add	*54.55*	
		For 316 Stainless Steel, Add	*61.25*	
		For Aluminum, Add	*3.45*	
		For Galvanized Steel, Add	*11.87*	
05 12 23 00-0629	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	36.28	6.89
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-4.55*	
		For 304 Stainless Steel, Add	*77.18*	
		For 316 Stainless Steel, Add	*86.66*	
		For Aluminum, Add	*4.87*	
		For Galvanized Steel, Add	*16.79*	
05 12 23 00-0630	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	46.65	7.50
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.83*	
		For >500 To 1,000, Deduct	*-4.25*	
		For >1,000, Deduct	*-5.67*	
		For 304 Stainless Steel, Add	*104.45*	
		For 316 Stainless Steel, Add	*117.28*	
		For Aluminum, Add	*6.60*	
		For Galvanized Steel, Add	*22.72*	

05 12 23 00-0631 Junior I-Beams *(05 12 23 00-0422)*

05 12 23 00-0632	LF	3" Junior I-Beam, 2.9 Lb./LF	17.24	6.47
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000, Deduct	*-2.59*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
05 12 23 00-0633	LF	4" Junior I-Beam, 3.2 Lb./LF	18.94	7.06
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-2.84*	
		For 304 Stainless Steel, Add	*27.10*	
		For 316 Stainless Steel, Add	*30.43*	
		For Aluminum, Add	*1.71*	
		For Galvanized Steel, Add	*5.90*	
05 12 23 00-0634	LF	5" Junior I-Beam, 3.8 Lb./LF	21.63	7.76
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*32.18*	
		For 316 Stainless Steel, Add	*36.13*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*7.00*	
05 12 23 00-0635	LF	6" Junior I-Beam, 4.4 Lb./LF	24.34	8.45
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000, Deduct	*-3.56*	
		For 304 Stainless Steel, Add	*37.25*	
		For 316 Stainless Steel, Add	*41.82*	
		For Aluminum, Add	*2.35*	
		For Galvanized Steel, Add	*8.10*	
05 12 23 00-0636	LF	7" Junior I-Beam, 5.5 Lb./LF	28.41	9.04
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.02*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.05*	
		For 304 Stainless Steel, Add	*46.57*	
		For 316 Stainless Steel, Add	*52.29*	
		For Aluminum, Add	*2.94*	
		For Galvanized Steel, Add	*10.13*	
05 12 23 00-0637	LF	8" Junior I-Beam, 6.5 Lb./LF	32.19	9.65
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.25*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.51*	
		For 304 Stainless Steel, Add	*55.03*	
		For 316 Stainless Steel, Add	*61.79*	
		For Aluminum, Add	*3.48*	
		For Galvanized Steel, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0638	LF	10" Junior I-Beam, 9 Lb./LF	41.45	11.04
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.81*	
		For >500 To 1,000, Deduct	*-4.21*	
		For >1,000, Deduct	*-5.62*	
		For 304 Stainless Steel, Add	*76.21*	
		For 316 Stainless Steel, Add	*85.57*	
		For Aluminum, Add	*4.81*	
		For Galvanized Steel, Add	*16.58*	
05 12 23 00-0639	LF	12" Junior I-Beam, 11.8 Lb./LF	52.53	13.11
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.50*	
		For >500 To 1,000, Deduct	*-5.25*	
		For >1,000, Deduct	*-7.00*	
		For 304 Stainless Steel, Add	*99.92*	
		For 316 Stainless Steel, Add	*112.19*	
		For Aluminum, Add	*6.31*	
		For Galvanized Steel, Add	*21.74*	
05 12 23 00-0640		**Round Stock** *(05 12 23 00-0422)*		
05 12 23 00-0641	LF	1/4" Carbon Steel Rounds, ASTM A108	2.32	
		For 304 Stainless Steel, Add	*3.33*	
		For 316 Stainless Steel, Add	*3.74*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.73*	
05 12 23 00-0642	LF	3/8" Carbon Steel Rounds, ASTM A108	3.61	
		For 304 Stainless Steel, Add	*6.58*	
		For 316 Stainless Steel, Add	*7.39*	
		For Aluminum, Add	*0.42*	
		For Galvanized Steel, Add	*1.43*	
05 12 23 00-0643	LF	1/2" Carbon Steel Rounds, ASTM A108	4.95	
		For 304 Stainless Steel, Add	*10.00*	
		For 316 Stainless Steel, Add	*11.23*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.18*	
05 12 23 00-0644	LF	5/8" Carbon Steel Rounds, ASTM A108	7.46	
		For 304 Stainless Steel, Add	*16.70*	
		For 316 Stainless Steel, Add	*18.75*	
		For Aluminum, Add	*1.05*	
		For Galvanized Steel, Add	*3.63*	
05 12 23 00-0645	LF	3/4" Carbon Steel Rounds, ASTM A108	8.88	
		For 304 Stainless Steel, Add	*19.84*	
		For 316 Stainless Steel, Add	*22.27*	
		For Aluminum, Add	*1.25*	
		For Galvanized Steel, Add	*4.32*	
05 12 23 00-0646	LF	7/8" Carbon Steel Rounds, ASTM A108	10.34	
		For 304 Stainless Steel, Add	*23.17*	
		For 316 Stainless Steel, Add	*26.02*	
		For Aluminum, Add	*1.46*	
		For Galvanized Steel, Add	*5.04*	
05 12 23 00-0647	LF	1" Carbon Steel Rounds, ASTM A108	15.00	
		For 304 Stainless Steel, Add	*35.31*	
		For 316 Stainless Steel, Add	*39.65*	
		For Aluminum, Add	*2.23*	
		For Galvanized Steel, Add	*7.68*	
05 12 23 00-0648	LF	1-1/8" Carbon Steel Rounds, ASTM A108	18.24	
		For 304 Stainless Steel, Add	*42.89*	
		For 316 Stainless Steel, Add	*48.16*	
		For Aluminum, Add	*2.71*	
		For Galvanized Steel, Add	*9.33*	
05 12 23 00-0649	LF	1-1/4" Carbon Steel Rounds, ASTM A108	21.81	
		For 304 Stainless Steel, Add	*50.47*	
		For 316 Stainless Steel, Add	*56.67*	
		For Aluminum, Add	*3.19*	
		For Galvanized Steel, Add	*10.98*	
05 12 23 00-0650	LF	1-3/8" Carbon Steel Rounds, ASTM A108	26.40	
		For 304 Stainless Steel, Add	*61.59*	
		For 316 Stainless Steel, Add	*69.15*	
		For Aluminum, Add	*3.89*	
		For Galvanized Steel, Add	*13.40*	
05 12 23 00-0651	LF	1-1/2" Carbon Steel Rounds, ASTM A108	29.46	
		For 304 Stainless Steel, Add	*67.57*	
		For 316 Stainless Steel, Add	*75.87*	
		For Aluminum, Add	*4.27*	
		For Galvanized Steel, Add	*14.70*	
05 12 23 00-0652	LF	1-5/8" Carbon Steel Rounds, ASTM A108	34.06	
		For 304 Stainless Steel, Add	*76.58*	
		For 316 Stainless Steel, Add	*85.98*	
		For Aluminum, Add	*4.84*	
		For Galvanized Steel, Add	*16.66*	
05 12 23 00-0653	LF	1-3/4" Carbon Steel Rounds, ASTM A108	40.85	
		For 304 Stainless Steel, Add	*89.12*	
		For 316 Stainless Steel, Add	*100.06*	
		For Aluminum, Add	*5.63*	
		For Galvanized Steel, Add	*19.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0654	LF	1-7/8" Carbon Steel Rounds, ASTM A108	49.27	
		For 304 Stainless Steel, Add	*104.40*	
		For 316 Stainless Steel, Add	*117.22*	
		For Aluminum, Add	*6.59*	
		For Galvanized Steel, Add	*22.71*	
05 12 23 00-0655	LF	2" Carbon Steel Rounds, ASTM A108	56.31	
		For 304 Stainless Steel, Add	*116.11*	
		For 316 Stainless Steel, Add	*130.37*	
		For Aluminum, Add	*7.33*	
		For Galvanized Steel, Add	*25.26*	
05 12 23 00-0656	LF	2-1/8" Carbon Steel Rounds, ASTM A108	65.87	
		For 304 Stainless Steel, Add	*132.61*	
		For 316 Stainless Steel, Add	*148.90*	
		For Aluminum, Add	*8.38*	
		For Galvanized Steel, Add	*28.85*	
05 12 23 00-0657	LF	2-1/4" Carbon Steel Rounds, ASTM A108	74.55	
		For 304 Stainless Steel, Add	*149.08*	
		For 316 Stainless Steel, Add	*167.39*	
		For Aluminum, Add	*9.42*	
		For Galvanized Steel, Add	*32.43*	
05 12 23 00-0658	LF	2-3/8" Carbon Steel Rounds, ASTM A108	85.41	
		For 304 Stainless Steel, Add	*170.54*	
		For 316 Stainless Steel, Add	*191.49*	
		For Aluminum, Add	*10.77*	
		For Galvanized Steel, Add	*37.10*	
05 12 23 00-0659	LF	2-1/2" Carbon Steel Rounds, ASTM A108	94.52	
		For 304 Stainless Steel, Add	*183.80*	
		For 316 Stainless Steel, Add	*206.37*	
		For Aluminum, Add	*11.61*	
		For Galvanized Steel, Add	*39.98*	
05 12 23 00-0660	LF	2-5/8" Carbon Steel Rounds, ASTM A108	115.28	
		For 304 Stainless Steel, Add	*233.44*	
		For 316 Stainless Steel, Add	*262.11*	
		For Aluminum, Add	*14.74*	
		For Galvanized Steel, Add	*50.78*	
05 12 23 00-0661	LF	2-3/4" Carbon Steel Rounds, ASTM A108	131.23	
		For 304 Stainless Steel, Add	*266.22*	
		For 316 Stainless Steel, Add	*298.91*	
		For Aluminum, Add	*16.81*	
		For Galvanized Steel, Add	*57.91*	
05 12 23 00-0662	LF	2-7/8 Carbon Steel Rounds, ASTM A108	146.35	
		For 304 Stainless Steel, Add	*296.66*	
		For 316 Stainless Steel, Add	*333.09*	
		For Aluminum, Add	*18.74*	
		For Galvanized Steel, Add	*64.54*	
05 12 23 00-0663	LF	3" Carbon Steel Rounds, ASTM A108	153.93	
		For 304 Stainless Steel, Add	*305.58*	
		For 316 Stainless Steel, Add	*343.10*	
		For Aluminum, Add	*19.30*	
		For Galvanized Steel, Add	*66.48*	
05 12 23 00-0664	LF	3-1/8" Carbon Steel Rounds, ASTM A108	160.76	
		For 304 Stainless Steel, Add	*312.33*	
		For 316 Stainless Steel, Add	*350.69*	
		For Aluminum, Add	*19.73*	
		For Galvanized Steel, Add	*67.95*	
05 12 23 00-0665	LF	3-1/4" Carbon Steel Rounds, ASTM A108	169.67	
		For 304 Stainless Steel, Add	*325.07*	
		For 316 Stainless Steel, Add	*364.99*	
		For Aluminum, Add	*20.53*	
		For Galvanized Steel, Add	*70.72*	
05 12 23 00-0666	LF	3-1/2" Carbon Steel Rounds, ASTM A108	205.90	
		For 304 Stainless Steel, Add	*412.48*	
		For 316 Stainless Steel, Add	*463.14*	
		For Aluminum, Add	*26.05*	
		For Galvanized Steel, Add	*89.73*	
05 12 23 00-0667	LF	3-5/8" Carbon Steel Rounds, ASTM A108	228.64	
		For 304 Stainless Steel, Add	*461.44*	
		For 316 Stainless Steel, Add	*518.11*	
		For Aluminum, Add	*29.14*	
		For Galvanized Steel, Add	*100.38*	
05 12 23 00-0668	LF	3-3/4" Carbon Steel Rounds, ASTM A108	245.49	
		For 304 Stainless Steel, Add	*493.59*	
		For 316 Stainless Steel, Add	*554.21*	
		For Aluminum, Add	*31.17*	
		For Galvanized Steel, Add	*107.38*	
05 12 23 00-0669	LF	4" Carbon Steel Rounds, ASTM A108	275.04	
		For 304 Stainless Steel, Add	*561.96*	
		For 316 Stainless Steel, Add	*630.98*	
		For Aluminum, Add	*35.49*	
		For Galvanized Steel, Add	*122.25*	

05 12 23 00-0670 Square Stock *(05 12 23 00-0422)*

05 12 23 00-0671	LF	3/8" Square Bar Stock	1.96	
		For 304 Stainless Steel, Add	*1.88*	
		For 316 Stainless Steel, Add	*2.11*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0672	LF	1/2" Square Bar Stock	2.61	
		For 304 Stainless Steel, Add	*3.33*	
		For 316 Stainless Steel, Add	*3.74*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.73*	
05 12 23 00-0673	LF	5/8" Square Bar Stock	3.43	
		For 304 Stainless Steel, Add	*5.22*	
		For 316 Stainless Steel, Add	*5.86*	
		For Aluminum, Add	*0.33*	
		For Galvanized Steel, Add	*1.13*	
05 12 23 00-0674	LF	3/4" Square Bar Stock	4.55	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
05 12 23 00-0675	LF	7/8" Square Bar Stock	5.88	
		For 304 Stainless Steel, Add	*10.46*	
		For 316 Stainless Steel, Add	*11.74*	
		For Aluminum, Add	*0.66*	
		For Galvanized Steel, Add	*2.28*	
05 12 23 00-0676	LF	1" Square Bar Stock	7.30	
		For 304 Stainless Steel, Add	*13.37*	
		For 316 Stainless Steel, Add	*15.01*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.91*	
05 12 23 00-0677	LF	1-1/4" Square Bar Stock	11.42	
		For 304 Stainless Steel, Add	*20.86*	
		For 316 Stainless Steel, Add	*23.42*	
		For Aluminum, Add	*1.32*	
		For Galvanized Steel, Add	*4.54*	
05 12 23 00-0678	LF	1-1/2" Square Bar Stock	16.30	
		For 304 Stainless Steel, Add	*30.07*	
		For 316 Stainless Steel, Add	*33.76*	
		For Aluminum, Add	*1.90*	
		For Galvanized Steel, Add	*6.54*	
05 12 23 00-0679	LF	1-3/4" Square Bar Stock	24.24	
		For 304 Stainless Steel, Add	*41.78*	
		For 316 Stainless Steel, Add	*46.91*	
		For Aluminum, Add	*2.64*	
		For Galvanized Steel, Add	*9.09*	
05 12 23 00-0680	LF	2" Square Bar Stock	34.85	
		For 304 Stainless Steel, Add	*53.47*	
		For 316 Stainless Steel, Add	*60.03*	
		For Aluminum, Add	*3.38*	
		For Galvanized Steel, Add	*11.63*	

05 12 23 00-0681 Steel Tubing *(05 12 23 00-0422)*

Note: General purpose low-carbon steel.

05 12 23 00-0682 Square Steel Tubing *(05 12 23 00-0681)*

05 12 23 00-0683 0.06" Wall Thickness *(05 12 23 00-0682)*

05 12 23 00-0684	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.55	0.62
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.34*	
		For 304 Stainless Steel, Add	*4.90*	
		For 316 Stainless Steel, Add	*5.50*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.07*	
05 12 23 00-0685	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	3.92	0.97
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-0.52*	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
05 12 23 00-0686	LF	1" x 1" x 0.06" Square Steel Tubing	5.28	1.77
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.71*	
		For 304 Stainless Steel, Add	*10.00*	
		For 316 Stainless Steel, Add	*11.23*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.18*	
05 12 23 00-0687	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	6.96	1.68
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.92*	
		For 304 Stainless Steel, Add	*13.48*	
		For 316 Stainless Steel, Add	*15.14*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0688	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.26	2.03
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.10*	
		For 304 Stainless Steel, Add	*15.82*	
		For 316 Stainless Steel, Add	*17.76*	
		For Aluminum, Add	*1.00*	
		For Galvanized Steel, Add	*3.44*	

05 12 23 00-0689 0.083" Wall Thickness *(05 12 23 00-0682)*

05 12 23 00-0690	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	4.57	1.14
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For 304 Stainless Steel, Add	*8.69*	
		For 316 Stainless Steel, Add	*9.76*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.89*	
05 12 23 00-0691	LF	1" x 1" x 0.083" Square Steel Tubing	6.64	1.57
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.87*	
		For 304 Stainless Steel, Add	*13.00*	
		For 316 Stainless Steel, Add	*14.59*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.83*	
05 12 23 00-0692	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.03	1.99
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.07*	
		For 304 Stainless Steel, Add	*15.33*	
		For 316 Stainless Steel, Add	*17.22*	
		For Aluminum, Add	*0.97*	
		For Galvanized Steel, Add	*3.34*	
05 12 23 00-0693	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	9.71	2.42
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.29*	
		For 304 Stainless Steel, Add	*18.50*	
		For 316 Stainless Steel, Add	*20.77*	
		For Aluminum, Add	*1.17*	
		For Galvanized Steel, Add	*4.02*	
05 12 23 00-0694	LF	2" x 2" x 0.083" Square Steel Tubing	12.46	3.22
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.68*	
		For 304 Stainless Steel, Add	*23.28*	
		For 316 Stainless Steel, Add	*26.14*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.07*	

05 12 23 00-0695 0.12" Wall Thickness *(05 12 23 00-0682)*

05 12 23 00-0696	LF	1" x 1" x 0.12" Square Steel Tubing	7.34	1.86
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-0.98*	
		For 304 Stainless Steel, Add	*13.85*	
		For 316 Stainless Steel, Add	*15.55*	
		For Aluminum, Add	*0.87*	
		For Galvanized Steel, Add	*3.01*	
05 12 23 00-0697	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.45	2.38
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.26*	
		For 304 Stainless Steel, Add	*17.87*	
		For 316 Stainless Steel, Add	*20.06*	
		For Aluminum, Add	*1.13*	
		For Galvanized Steel, Add	*3.89*	
05 12 23 00-0698	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.60	2.91
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.55*	
		For 304 Stainless Steel, Add	*21.97*	
		For 316 Stainless Steel, Add	*24.67*	
		For Aluminum, Add	*1.39*	
		For Galvanized Steel, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0699	LF	2" x 2" x 0.12" Square Steel Tubing	15.71	3.97
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.58*	
		For >1,000, Deduct	*-2.10*	
		For 304 Stainless Steel, Add	*29.67*	
		For 316 Stainless Steel, Add	*33.31*	
		For Aluminum, Add	*1.87*	
		For Galvanized Steel, Add	*6.45*	
05 12 23 00-0700		**1/8" Wall Thickness** *(05 12 23 00-0682)*		
05 12 23 00-0701	LF	2" x 2" x 1/8" Square Steel Tubing	14.17	4.12
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000, Deduct	*-1.97*	
		For 304 Stainless Steel, Add	*24.71*	
		For 316 Stainless Steel, Add	*27.74*	
		For Aluminum, Add	*1.56*	
		For Galvanized Steel, Add	*5.38*	
05 12 23 00-0702	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	18.67	5.22
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000, Deduct	*-2.56*	
		For 304 Stainless Steel, Add	*33.37*	
		For 316 Stainless Steel, Add	*37.47*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.26*	
05 12 23 00-0703	LF	3" x 3" x 1/8" Square Steel Tubing	21.91	6.33
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*38.39*	
		For 316 Stainless Steel, Add	*43.10*	
		For Aluminum, Add	*2.42*	
		For Galvanized Steel, Add	*8.35*	
05 12 23 00-0704	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	25.39	7.43
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.65*	
		For >1,000, Deduct	*-3.53*	
		For 304 Stainless Steel, Add	*44.15*	
		For 316 Stainless Steel, Add	*49.57*	
		For Aluminum, Add	*2.79*	
		For Galvanized Steel, Add	*9.60*	
05 12 23 00-0705	LF	4" x 4" x 1/8" Square Steel Tubing	28.00	8.53
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000, Deduct	*-3.94*	
		For 304 Stainless Steel, Add	*47.40*	
		For 316 Stainless Steel, Add	*53.22*	
		For Aluminum, Add	*2.99*	
		For Galvanized Steel, Add	*10.31*	
05 12 23 00-0706		**3/16" Wall Thickness** *(05 12 23 00-0682)*		
05 12 23 00-0707	LF	2" x 2" x 3/16" Square Steel Tubing	16.08	4.66
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.23*	
		For 304 Stainless Steel, Add	*28.13*	
		For 316 Stainless Steel, Add	*31.58*	
		For Aluminum, Add	*1.78*	
		For Galvanized Steel, Add	*6.12*	
05 12 23 00-0708	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	20.80	6.02
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-2.88*	
		For 304 Stainless Steel, Add	*36.39*	
		For 316 Stainless Steel, Add	*40.86*	
		For Aluminum, Add	*2.30*	
		For Galvanized Steel, Add	*7.92*	
05 12 23 00-0709	LF	3" x 3" x 3/16" Square Steel Tubing	25.56	7.41
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.54*	
		For 304 Stainless Steel, Add	*44.72*	
		For 316 Stainless Steel, Add	*50.21*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0710	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	30.33	8.78
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.20*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0711	LF	4" x 4" x 3/16" Square Steel Tubing	35.05	10.15
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-3.64*	
		For >1,000, Deduct	*-4.86*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	
05 12 23 00-0712	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	39.81	11.53
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.52*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0713	LF	5" x 5" x 3/16" Square Steel Tubing	44.55	12.90
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.09*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000, Deduct	*-6.18*	
		For 304 Stainless Steel, Add	*77.95*	
		For 316 Stainless Steel, Add	*87.52*	
		For Aluminum, Add	*4.92*	
		For Galvanized Steel, Add	*16.96*	
05 12 23 00-0714	LF	6" x 6" x 3/16" Square Steel Tubing	54.07	15.65
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-3.75*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-7.50*	
		For 304 Stainless Steel, Add	*94.59*	
		For 316 Stainless Steel, Add	*106.21*	
		For Aluminum, Add	*5.97*	
		For Galvanized Steel, Add	*20.58*	
05 12 23 00-0715		1/4" Wall Thickness *(05 12 23 00-0682)*		
05 12 23 00-0716	LF	2" x 2" x 1/4" Square Steel Tubing	17.13	4.66
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.34*	
		For 304 Stainless Steel, Add	*31.09*	
		For 316 Stainless Steel, Add	*34.91*	
		For Aluminum, Add	*1.96*	
		For Galvanized Steel, Add	*6.76*	
05 12 23 00-0717	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	22.52	6.12
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.07*	
		For 304 Stainless Steel, Add	*40.87*	
		For 316 Stainless Steel, Add	*45.89*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.89*	
05 12 23 00-0718	LF	3" x 3" x 1/4" Square Steel Tubing	27.89	7.59
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.90*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000, Deduct	*-3.80*	
		For 304 Stainless Steel, Add	*50.62*	
		For 316 Stainless Steel, Add	*56.83*	
		For Aluminum, Add	*3.20*	
		For Galvanized Steel, Add	*11.01*	
05 12 23 00-0719	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	33.27	9.06
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.54*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0720	LF	4" x 4" x 1/4" Square Steel Tubing	38.66	10.53
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	
05 12 23 00-0721	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	44.04	12.00
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.00*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0722	LF	5" x 5" x 1/4" Square Steel Tubing	49.44	13.46
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.37*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-6.74*	
		For 304 Stainless Steel, Add	*89.75*	
		For 316 Stainless Steel, Add	*100.77*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.52*	
05 12 23 00-0723	LF	6" x 6" x 1/4" Square Steel Tubing	60.21	16.39
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.10*	
		For >500 To 1,000, Deduct	*-6.16*	
		For >1,000, Deduct	*-8.21*	
		For 304 Stainless Steel, Add	*109.30*	
		For 316 Stainless Steel, Add	*122.72*	
		For Aluminum, Add	*6.90*	
		For Galvanized Steel, Add	*23.78*	

05 12 23 00-0724 Rectangular Steel Tubing *(05 12 23 00-0681)*

05 12 23 00-0725 3/16" Wall Thickness *(05 12 23 00-0724)*

05 12 23 00-0726	LF	3" x 2" x 3/16" Square Steel Tubing	20.80	6.02
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-2.88*	
		For 304 Stainless Steel, Add	*36.39*	
		For 316 Stainless Steel, Add	*40.86*	
		For Aluminum, Add	*2.30*	
		For Galvanized Steel, Add	*7.92*	
05 12 23 00-0727	LF	4" x 2" x 3/16" Square Steel Tubing	25.56	7.41
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.54*	
		For 304 Stainless Steel, Add	*44.72*	
		For 316 Stainless Steel, Add	*50.21*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.73*	
05 12 23 00-0728	LF	4" x 3" x 3/16" Square Steel Tubing	30.33	8.78
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.20*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0729	LF	5" x 2" x 3/16" Square Steel Tubing	30.33	8.78
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.20*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0730	LF	5" x 3" x 3/16" Square Steel Tubing	35.05	10.15
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-3.64*	
		For >1,000, Deduct	*-4.86*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0731	LF	5" x 4" x 3/16" Square Steel Tubing	39.81	11.53
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.52*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0732	LF	6" x 2" x 3/16" Square Steel Tubing	35.05	10.15
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-3.64*	
		For >1,000, Deduct	*-4.86*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	
05 12 23 00-0733	LF	6" x 3" x 3/16" Square Steel Tubing	39.81	11.53
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.52*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0734	LF	6" x 4" x 3/16" Square Steel Tubing	44.55	12.90
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.09*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000, Deduct	*-6.18*	
		For 304 Stainless Steel, Add	*77.95*	
		For 316 Stainless Steel, Add	*87.52*	
		For Aluminum, Add	*4.92*	
		For Galvanized Steel, Add	*16.96*	
05 12 23 00-0735		1/4" Wall Thickness *(05 12 23 00-0724)*		
05 12 23 00-0736	LF	3" x 2" x 1/4" Square Steel Tubing	22.52	6.12
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.07*	
		For 304 Stainless Steel, Add	*40.87*	
		For 316 Stainless Steel, Add	*45.89*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.89*	
05 12 23 00-0737	LF	4" x 2" x 1/4" Square Steel Tubing	27.89	7.59
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.90*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000, Deduct	*-3.80*	
		For 304 Stainless Steel, Add	*50.62*	
		For 316 Stainless Steel, Add	*56.83*	
		For Aluminum, Add	*3.20*	
		For Galvanized Steel, Add	*11.01*	
05 12 23 00-0738	LF	4" x 3" x 1/4" Square Steel Tubing	33.27	9.06
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.54*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	
05 12 23 00-0739	LF	5" x 2" x 1/4" Square Steel Tubing	33.27	9.06
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.54*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	
05 12 23 00-0740	LF	5" x 3" x 1/4" Square Steel Tubing	38.66	10.53
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0741	LF	5" x 4" x 1/4" Square Steel Tubing	44.04	12.00
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.00*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0742	LF	6" x 2" x 1/4" Square Steel Tubing	38.66	10.53
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.27*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	
05 12 23 00-0743	LF	6" x 3" x 1/4" Square Steel Tubing	44.04	12.00
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-6.00*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0744	LF	6" x 4" x 1/4" Square Steel Tubing	49.44	13.46
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.37*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-6.74*	
		For 304 Stainless Steel, Add	*89.75*	
		For 316 Stainless Steel, Add	*100.77*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.52*	

05 12 23 00-0745 Round Steel Tubing *(05 12 23 00-0681)*

05 12 23 00-0746 0.065" Wall Thickness *(05 12 23 00-0745)*

05 12 23 00-0747	LF	1" Diameter x 0.065" Round Steel Tubing	4.57	1.12
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For 304 Stainless Steel, Add	*8.75*	
		For 316 Stainless Steel, Add	*9.82*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.90*	
05 12 23 00-0748	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	5.78	1.41
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000, Deduct	*-0.77*	
		For 304 Stainless Steel, Add	*11.09*	
		For 316 Stainless Steel, Add	*12.45*	
		For Aluminum, Add	*0.70*	
		For Galvanized Steel, Add	*2.41*	
05 12 23 00-0749	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	6.99	1.72
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000, Deduct	*-0.93*	
		For 304 Stainless Steel, Add	*13.40*	
		For 316 Stainless Steel, Add	*15.04*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.91*	
05 12 23 00-0750	LF	2" Diameter x 0.065" Round Steel Tubing	9.42	2.31
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.25*	
		For 304 Stainless Steel, Add	*18.07*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
05 12 23 00-0751	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	11.86	2.91
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.57*	
		For 304 Stainless Steel, Add	*22.74*	
		For 316 Stainless Steel, Add	*25.54*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0752	LF	3" Diameter x 0.065" Round Steel Tubing	14.30	3.52
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.90*	
		For 304 Stainless Steel, Add	*27.42*	
		For 316 Stainless Steel, Add	*30.78*	
		For Aluminum, Add	*1.73*	
		For Galvanized Steel, Add	*5.96*	
05 12 23 00-0753	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	16.74	4.11
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.22*	
		For 304 Stainless Steel, Add	*32.09*	
		For 316 Stainless Steel, Add	*36.03*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*6.98*	
05 12 23 00-0754	LF	4" Diameter x 0.065" Round Steel Tubing	19.18	4.71
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-1.91*	
		For >1,000, Deduct	*-2.55*	
		For 304 Stainless Steel, Add	*36.77*	
		For 316 Stainless Steel, Add	*41.28*	
		For Aluminum, Add	*2.32*	
		For Galvanized Steel, Add	*8.00*	

05 12 23 00-0755 0.083" Wall Thickness *(05 12 23 00-0745)*

05 12 23 00-0756	LF	1" Diameter x 0.083" Round Steel Tubing	4.96	1.22
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.66*	
		For 304 Stainless Steel, Add	*9.46*	
		For 316 Stainless Steel, Add	*10.62*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.06*	
05 12 23 00-0757	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.30	1.56
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.84*	
		For 304 Stainless Steel, Add	*12.03*	
		For 316 Stainless Steel, Add	*13.50*	
		For Aluminum, Add	*0.76*	
		For Galvanized Steel, Add	*2.62*	
05 12 23 00-0758	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	7.65	1.89
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.02*	
		For 304 Stainless Steel, Add	*14.59*	
		For 316 Stainless Steel, Add	*16.38*	
		For Aluminum, Add	*0.92*	
		For Galvanized Steel, Add	*3.17*	
05 12 23 00-0759	LF	2" Diameter x 0.083" Round Steel Tubing	10.35	2.57
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.38*	
		For 304 Stainless Steel, Add	*19.75*	
		For 316 Stainless Steel, Add	*22.18*	
		For Aluminum, Add	*1.25*	
		For Galvanized Steel, Add	*4.30*	
05 12 23 00-0760	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	13.06	3.23
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000, Deduct	*-1.74*	
		For 304 Stainless Steel, Add	*24.91*	
		For 316 Stainless Steel, Add	*27.97*	
		For Aluminum, Add	*1.57*	
		For Galvanized Steel, Add	*5.42*	
05 12 23 00-0761	LF	3" Diameter x 0.083" Round Steel Tubing	15.75	3.90
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.10*	
		For 304 Stainless Steel, Add	*30.07*	
		For 316 Stainless Steel, Add	*33.76*	
		For Aluminum, Add	*1.90*	
		For Galvanized Steel, Add	*6.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0762	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	18.45	4.57
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.45*	
		For 304 Stainless Steel, Add	*35.23*	
		For 316 Stainless Steel, Add	*39.55*	
		For Aluminum, Add	*2.22*	
		For Galvanized Steel, Add	*7.66*	
05 12 23 00-0763	LF	4" Diameter x 0.083" Round Steel Tubing	21.14	5.23
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.81*	
		For 304 Stainless Steel, Add	*40.36*	
		For 316 Stainless Steel, Add	*45.31*	
		For Aluminum, Add	*2.55*	
		For Galvanized Steel, Add	*8.78*	

05 12 23 00-0764 0.125" Wall Thickness *(05 12 23 00-0745)*

05 12 23 00-0765	LF	2" Diameter x 0.125" Round Steel Tubing	11.12	3.23
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.54*	
		For 304 Stainless Steel, Add	*19.38*	
		For 316 Stainless Steel, Add	*21.76*	
		For Aluminum, Add	*1.22*	
		For Galvanized Steel, Add	*4.22*	
05 12 23 00-0766	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	14.09	4.10
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-1.96*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
05 12 23 00-0767	LF	3" Diameter x 0.125" Round Steel Tubing	17.05	4.96
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.37*	
		For 304 Stainless Steel, Add	*29.73*	
		For 316 Stainless Steel, Add	*33.38*	
		For Aluminum, Add	*1.88*	
		For Galvanized Steel, Add	*6.47*	
05 12 23 00-0768	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	20.02	5.83
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000, Deduct	*-2.78*	
		For 304 Stainless Steel, Add	*34.91*	
		For 316 Stainless Steel, Add	*39.20*	
		For Aluminum, Add	*2.21*	
		For Galvanized Steel, Add	*7.60*	
05 12 23 00-0769	LF	4" Diameter x 0.125" Round Steel Tubing	22.98	6.69
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.39*	
		For >1,000, Deduct	*-3.19*	
		For 304 Stainless Steel, Add	*40.07*	
		For 316 Stainless Steel, Add	*44.99*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.72*	

05 12 23 00-0770 Flat Steel Bar *(05 12 23 00-0422)*

05 12 23 00-0771 1/8" Thick *(05 12 23 00-0770)*

05 12 23 00-0772	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.44	1.61
		For 304 Stainless Steel, Add	*2.91*	
		For 316 Stainless Steel, Add	*3.26*	
		For Aluminum, Add	*0.18*	
		For Galvanized Steel, Add	*0.63*	
05 12 23 00-0773	LF	1/8" Thick x 2" Wide Flat Steel Bar	5.32	2.42
		For 304 Stainless Steel, Add	*4.85*	
		For 316 Stainless Steel, Add	*5.44*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.05*	
05 12 23 00-0774	LF	1/8" Thick x 4" Wide Flat Steel Bar	8.19	3.41
		For 304 Stainless Steel, Add	*8.81*	
		For 316 Stainless Steel, Add	*9.89*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0775	LF	1/8" Thick x 6" Wide Flat Steel Bar	11.10	4.62
		For 304 Stainless Steel, Add	*11.88*	
		For 316 Stainless Steel, Add	*13.34*	
		For Aluminum, Add	*0.75*	
		For Galvanized Steel, Add	*2.59*	

05 12 23 00-0776 3/16" Thick *(05 12 23 00-0770)*

05 12 23 00-0777	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.55	2.00
		For 304 Stainless Steel, Add	*4.42*	
		For 316 Stainless Steel, Add	*4.96*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.96*	
05 12 23 00-0778	LF	3/16" Thick x 2" Wide Flat Steel Bar	7.19	3.00
		For 304 Stainless Steel, Add	*7.64*	
		For 316 Stainless Steel, Add	*8.58*	
		For Aluminum, Add	*0.48*	
		For Galvanized Steel, Add	*1.66*	
05 12 23 00-0779	LF	3/16" Thick x 4" Wide Flat Steel Bar	9.69	3.45
		For 304 Stainless Steel, Add	*12.88*	
		For 316 Stainless Steel, Add	*14.46*	
		For Aluminum, Add	*0.81*	
		For Galvanized Steel, Add	*2.80*	
05 12 23 00-0780	LF	3/16" Thick x 6" Wide Flat Steel Bar	13.43	4.78
		For 304 Stainless Steel, Add	*17.81*	
		For 316 Stainless Steel, Add	*20.00*	
		For Aluminum, Add	*1.13*	
		For Galvanized Steel, Add	*3.88*	

05 12 23 00-0781 1/4" Thick *(05 12 23 00-0770)*

05 12 23 00-0782	LF	1/4" Thick x 1" Wide Flat Steel Bar	4.70	2.11
		For 304 Stainless Steel, Add	*4.36*	
		For 316 Stainless Steel, Add	*4.90*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.95*	
05 12 23 00-0783	LF	1/4" Thick x 2" Wide Flat Steel Bar	7.86	3.17
		For 304 Stainless Steel, Add	*8.84*	
		For 316 Stainless Steel, Add	*9.92*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
05 12 23 00-0784	LF	1/4" Thick x 4" Wide Flat Steel Bar	11.45	3.62
		For 304 Stainless Steel, Add	*17.13*	
		For 316 Stainless Steel, Add	*19.23*	
		For Aluminum, Add	*1.08*	
		For Galvanized Steel, Add	*3.73*	
05 12 23 00-0785	LF	1/4" Thick x 6" Wide Flat Steel Bar	16.55	5.36
		For 304 Stainless Steel, Add	*24.25*	
		For 316 Stainless Steel, Add	*27.23*	
		For Aluminum, Add	*1.53*	
		For Galvanized Steel, Add	*5.28*	

05 12 23 00-0786 3/8" Thick *(05 12 23 00-0770)*

05 12 23 00-0787	LF	3/8" Thick x 1" Wide Flat Steel Bar	5.99	2.37
		For 304 Stainless Steel, Add	*6.87*	
		For 316 Stainless Steel, Add	*7.71*	
		For Aluminum, Add	*0.43*	
		For Galvanized Steel, Add	*1.49*	
05 12 23 00-0788	LF	3/8" Thick x 2" Wide Flat Steel Bar	9.80	3.57
		For 304 Stainless Steel, Add	*12.65*	
		For 316 Stainless Steel, Add	*14.21*	
		For Aluminum, Add	*0.80*	
		For Galvanized Steel, Add	*2.75*	
05 12 23 00-0789	LF	3/8" Thick x 4" Wide Flat Steel Bar	15.00	4.07
		For 304 Stainless Steel, Add	*25.34*	
		For 316 Stainless Steel, Add	*28.45*	
		For Aluminum, Add	*1.60*	
		For Galvanized Steel, Add	*5.51*	
05 12 23 00-0790	LF	3/8" Thick x 6" Wide Flat Steel Bar	21.56	6.02
		For 304 Stainless Steel, Add	*35.63*	
		For 316 Stainless Steel, Add	*40.00*	
		For Aluminum, Add	*2.25*	
		For Galvanized Steel, Add	*7.75*	

05 12 23 00-0791 1/2" Thick *(05 12 23 00-0770)*

05 12 23 00-0792	LF	1/2" Thick x 1" Wide Flat Steel Bar	7.02	2.61
		For 304 Stainless Steel, Add	*8.81*	
		For 316 Stainless Steel, Add	*9.89*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
05 12 23 00-0793	LF	1/2" Thick x 2" Wide Flat Steel Bar	11.56	3.93
		For 304 Stainless Steel, Add	*16.16*	
		For 316 Stainless Steel, Add	*18.14*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0794	LF	1/2" Thick x 4" Wide Flat Steel Bar	16.38	4.47
		For 304 Stainless Steel, Add	*27.53*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
05 12 23 00-0795	LF	1/2" Thick x 6" Wide Flat Steel Bar	29.22	6.63
		For 304 Stainless Steel, Add	*54.92*	
		For 316 Stainless Steel, Add	*61.66*	
		For Aluminum, Add	*3.47*	
		For Galvanized Steel, Add	*11.95*	
05 12 23 00-0796		**Flat Steel Plate** *(05 12 23 00-0422)*		
05 12 23 00-0797	SF	1/8" Thick Flat Steel Plate	17.67	6.93
		For 304 Stainless Steel, Add	*20.72*	
		For 316 Stainless Steel, Add	*23.26*	
		For Aluminum, Add	*1.31*	
		For Galvanized Steel, Add	*4.51*	
05 12 23 00-0798	SF	3/16" Thick Flat Steel Plate	19.87	7.18
		For 304 Stainless Steel, Add	*25.94*	
		For 316 Stainless Steel, Add	*29.12*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.64*	
05 12 23 00-0799	SF	1/4" Thick Flat Steel Plate	23.67	8.03
		For 304 Stainless Steel, Add	*33.06*	
		For 316 Stainless Steel, Add	*37.12*	
		For Aluminum, Add	*2.09*	
		For Galvanized Steel, Add	*7.19*	
05 12 23 00-0800	SF	3/8" Thick Flat Steel Plate	31.78	9.04
		For 304 Stainless Steel, Add	*51.90*	
		For 316 Stainless Steel, Add	*58.27*	
		For Aluminum, Add	*3.28*	
		For Galvanized Steel, Add	*11.29*	
05 12 23 00-0801	SF	1/2" Thick Flat Steel Plate	37.61	9.94
		For 304 Stainless Steel, Add	*64.64*	
		For 316 Stainless Steel, Add	*72.58*	
		For Aluminum, Add	*4.08*	
		For Galvanized Steel, Add	*14.06*	
05 12 23 00-0802	SF	3/4" Thick Flat Steel Plate	61.21	12.32
		For 304 Stainless Steel, Add	*121.24*	
		For 316 Stainless Steel, Add	*136.13*	
		For Aluminum, Add	*7.66*	
		For Galvanized Steel, Add	*26.37*	
05 12 23 00-0803	SF	1" Thick Flat Steel Plate	81.56	15.40
		For 304 Stainless Steel, Add	*165.98*	
		For 316 Stainless Steel, Add	*186.37*	
		For Aluminum, Add	*10.48*	
		For Galvanized Steel, Add	*36.11*	
05 12 23 00-0804		**Metal Runner/Track** *(05 12 23 00-0422)*		
05 12 23 00-0805	LF	4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	10.72	3.85
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.59*	
05 12 23 00-0806	LF	6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	13.21	4.31
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.90*	
05 12 23 00-0807	LF	8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	16.00	4.95
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.70*	
		For >1,000, Deduct	*-2.26*	
05 12 23 00-0808	LF	10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	18.93	5.39
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.61*	
05 12 23 00-0809	LF	4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	11.91	3.85
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.71*	
05 12 23 00-0810	LF	6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	14.93	4.31
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.55*	
		For >1,000, Deduct	*-2.07*	
05 12 23 00-0811	LF	8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	17.71	4.95
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0812	LF	10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	21.07	5.39
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-2.83*	
05 12 23 00-0813	LF	4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	13.41	4.26
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000, Deduct	*-1.91*	
05 12 23 00-0814	LF	6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	16.81	4.74
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000, Deduct	*-2.31*	
05 12 23 00-0815	LF	8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	19.19	5.45
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.65*	
05 12 23 00-0816	LF	10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	22.80	5.92
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.07*	

05 12 33 Structural Steel for Bridges *(05 12)*

See CSI section 05 12 23 00-0000 for structural steel, 34 05 43 00-0337 for bridge girder repair.

05 13 Structural Stainless-Steel Framing *(05 10)*

05 13 00 00-0001 Stainless Steel Tube *(05 13)*

05 13 00 00-0002	LF	1" x 1" Stainless Steel Tube	38.13	
05 13 00 00-0003	LF	1-1/2" x 1-1/2" Stainless Steel Tube	49.48	
05 13 00 00-0004	LF	2" x 2" Stainless Steel Tube	67.53	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001 Rolled Or Plate Shapes *(05 14 13)*

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 Lb. / Order 1" To 10" Rolled / Plate Structural Members	9.48	0.94
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 Lb. / Order 1" To 10" Rolled / Plate Structural Members	8.36	0.87

05 14 13 00-0004 Aluminum Extrusions *(05 14 13)*

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	15.57	3.87
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	16.48	3.87

05 14 13 00-0007 Aluminum Tubing *(05 14 13)*

05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	13.86	2.35
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	12.50	3.83
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	15.09	4.18
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	17.33	4.87
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	20.60	5.23
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	59.91	6.63
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	49.08	5.93

05 14 13 00-0015 Columns *(05 14 13)*

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns *(05 14 13 00-0015)*

05 14 13 00-0017	LF	6" Diameter Aluminum Column	55.11	7.45
05 14 13 00-0018	LF	8" Diameter Aluminum Column	73.29	10.67
05 14 13 00-0019	LF	10" Diameter Aluminum Column	89.54	12.01
05 14 13 00-0020	LF	12" Diameter Aluminum Column	135.04	12.57
05 14 13 00-0021	LF	15" Diameter Aluminum Column	172.52	14.57
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	107.19	13.90
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	122.81	15.01
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	155.33	16.68
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	269.94	17.80
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	414.37	19.46

05 14 13 00-0027 Octagonal Columns *(05 14 13 00-0015)*

05 14 13 00-0028	LF	6" Diameter Aluminum Column	61.55	7.45
05 14 13 00-0029	LF	8" Diameter Aluminum Column	83.67	10.67
05 14 13 00-0030	LF	10" Diameter Aluminum Column	102.65	12.01
05 14 13 00-0031	LF	12" Diameter Aluminum Column	157.04	12.57
05 14 13 00-0032	LF	15" Diameter Aluminum Column	201.22	14.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	123.07	13.90
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	141.37	15.01
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	179.72	16.68
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	316.81	17.80
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	489.46	19.46
05 14 13 00-0038		Fluted Columns *(05 14 13 00-0015)*		
05 14 13 00-0039	LF	6" Diameter Aluminum Column	68.57	7.45
05 14 13 00-0040	LF	8" Diameter Aluminum Column	93.01	10.67
05 14 13 00-0041	LF	10" Diameter Aluminum Column	114.44	12.01
05 14 13 00-0042	LF	12" Diameter Aluminum Column	176.84	12.57
05 14 13 00-0043	LF	15" Diameter Aluminum Column	227.04	14.57
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	137.36	13.90
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	158.07	15.01
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	201.67	16.68
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	358.99	17.80
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	557.04	19.46
05 14 13 00-0049		Square Columns *(05 14 13 00-0015)*		
05 14 13 00-0050	LF	6" Aluminum Column	73.37	7.45
05 14 13 00-0051	LF	8" Aluminum Column	99.40	10.67
05 14 13 00-0052	LF	10" Aluminum Column	122.51	12.01
05 14 13 00-0053	LF	12" Aluminum Column	190.38	12.57
05 14 13 00-0054	LF	15" Aluminum Column	244.70	14.57
05 14 13 00-0055	EA	6" Aluminum Base And Cap	147.13	13.90
05 14 13 00-0056	EA	8" Aluminum Base And Cap	169.49	15.01
05 14 13 00-0057	EA	10" Aluminum Base And Cap	216.68	16.68
05 14 13 00-0058	EA	12" Aluminum Base And Cap	387.84	17.80
05 14 13 00-0059	EA	15" Aluminum Base And Cap	603.25	19.46
05 14 13 00-0060		Ornamental Or Decorative Cap And Bases *(05 14 13 00-0015)*		
05 14 13 00-0061	EA	8" Corinthian Capital And Base	841.64	16.68
05 14 13 00-0062	EA	10" Corinthian Capital And Base	1,239.25	19.46
05 14 13 00-0063	EA	12" Corinthian Capital And Base	1,961.54	22.24
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	416.78	16.68
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	558.78	19.46
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	1,126.33	22.24

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.62	0.11
		For >500, Deduct	*-0.29*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.19	0.11
		For >500, Deduct	*-0.38*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.60	0.23
		For >500, Deduct	*-0.43*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.14	0.23
		For >500, Deduct	*-0.51*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.63	0.34
		For >500, Deduct	*-0.57*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.45	0.45
		For >500, Deduct	*-0.69*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.32	0.45
		For >500, Deduct	*-0.81*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.38	0.81
		For >500, Deduct	*-1.11*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.92	0.92
		For >500, Deduct	*-1.49*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.36	1.26
		For >500, Deduct	*-1.82*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	15.28	1.61
		For >500, Deduct	*-2.25*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	18.62	1.95
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0014		**6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.91	0.11
		For >500, Deduct	*-0.34*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.47	0.11
		For >500, Deduct	*-0.43*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.08	0.23
		For >500, Deduct	*-0.53*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.50	0.23
		For >500, Deduct	*-0.58*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.16	0.34
		For >500, Deduct	*-0.67*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.79	0.45
		For >500, Deduct	*-0.76*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.60	0.45
		For >500, Deduct	*-0.87*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.23	0.81
		For >500, Deduct	*-1.28*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.54	0.92
		For >500, Deduct	*-1.62*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.97	1.26
		For >500, Deduct	*-1.96*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	16.62	1.61
		For >500, Deduct	*-2.50*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	20.21	1.95
		For >500, Deduct	*-3.06*	
05 15 16 00-0027		**6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.51	0.11
		For >500, Deduct	*-0.26*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.06	0.11
		For >500, Deduct	*-0.35*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.45	0.23
		For >500, Deduct	*-0.40*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.87	0.23
		For >500, Deduct	*-0.45*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.46	0.34
		For >500, Deduct	*-0.53*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.38	0.45
		For >500, Deduct	*-0.67*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.11	0.45
		For >500, Deduct	*-0.77*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	7.19	0.81
		For >500, Deduct	*-1.08*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	8.80	0.92
		For >500, Deduct	*-1.27*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	11.19	1.26
		For >500, Deduct	*-1.59*	
05 15 16 00-0038		**6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.49	0.11
		For >500, Deduct	*-0.26*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.98	0.11
		For >500, Deduct	*-0.33*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.45	0.23
		For >500, Deduct	*-0.40*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.87	0.23
		For >500, Deduct	*-0.45*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.61	0.34
		For >500, Deduct	*-0.56*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.30	0.45
		For >500, Deduct	*-0.66*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.40	0.45
		For >500, Deduct	*-0.83*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.53	0.81
		For >500, Deduct	*-1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.84	0.92
		For >500, Deduct	*-1.48*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.14	1.26
		For >500, Deduct	*-1.79*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.78	0.23
		For >500, Deduct	*-0.47*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.25	0.23
		For >500, Deduct	*-0.53*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.80	0.34
		For >500, Deduct	*-0.60*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.11	0.45
		For >500, Deduct	*-0.82*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.64	0.45
		For >500, Deduct	*-0.88*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.70	0.81
		For >500, Deduct	*-1.18*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.88	0.92
		For >500, Deduct	*-1.48*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	13.02	1.26
		For >500, Deduct	*-1.95*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	15.77	1.61
		For >500, Deduct	*-2.35*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	19.03	1.95
		For >500, Deduct	*-2.82*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.85	0.23
		For >500, Deduct	*-0.48*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.44	0.23
		For >500, Deduct	*-0.57*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.07	0.34
		For >500, Deduct	*-0.66*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.68	0.45
		For >500, Deduct	*-0.93*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.74	0.45
		For >500, Deduct	*-0.90*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.89	0.81
		For >500, Deduct	*-1.22*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.45	0.92
		For >500, Deduct	*-1.60*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	13.21	1.26
		For >500, Deduct	*-1.99*	

05 15 16 00-0069 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope *(05 15 16)*

05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.93	0.11
		For >500, Deduct	*-0.54*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.16	0.11
		For >500, Deduct	*-0.57*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.74	0.23
		For >500, Deduct	*-0.66*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.01	0.23
		For >500, Deduct	*-0.88*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.71	0.23
		For >500, Deduct	*-1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.59	0.45
		For >500, Deduct	*-1.12*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.84	0.45
		For >500, Deduct	*-1.32*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	10.79	0.69
		For >500, Deduct	*-1.81*	

05 15 16 00-0078 7x7, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.33	0.08
		For >500, Deduct	*-0.04*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.38	0.09
		For >500, Deduct	*-0.05*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.43	0.10
		For >500, Deduct	*-0.05*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.50	0.11
		For >500, Deduct	*-0.06*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.60	0.11
		For >500, Deduct	*-0.08*	

05 15 16 00-0084 7x19, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.60	0.10
		For >500, Deduct	*-0.09*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.65	0.11
		For >500, Deduct	*-0.09*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.73	0.11
		For >500, Deduct	*-0.10*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.87	0.11
		For >500, Deduct	*-0.14*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.32	0.11
		For >500, Deduct	*-0.20*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.77	0.11
		For >500, Deduct	*-0.26*	

05 15 16 00-0091 Heavy-Duty, Galvanized Steel, Wire Rope Thimbles *(05 15 16)*

05 15 16 00-0092	EA	1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	14.80	3.45
05 15 16 00-0093	EA	5/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	16.85	3.45
05 15 16 00-0094	EA	3/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	19.12	3.45
05 15 16 00-0095	EA	7/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.35	3.45
05 15 16 00-0096	EA	1/2" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.39	3.45
05 15 16 00-0097	EA	9/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.39	3.45
05 15 16 00-0098	EA	5/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	27.50	3.45
05 15 16 00-0099	EA	3/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	50.39	5.29
05 15 16 00-0100	EA	7/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	59.42	6.44
05 15 16 00-0101	EA	1" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	105.88	10.57
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	152.11	14.37
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	152.11	14.37

05 15 16 00-0104 Galvanized Steel, Wire Rope Clips *(05 15 16)*

05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	17.88	3.45
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	18.27	3.45
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	20.98	3.45
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	21.40	3.45
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	22.01	3.45
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	27.82	3.45
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	28.26	3.45
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	32.45	3.45
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	33.05	3.45
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	45.22	4.60
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	67.52	6.89
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	74.37	6.89
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	87.23	9.20
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	126.68	13.79

05 15 16 00-0119 Steel, Open Swage Sockets *(05 15 16)*

05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	101.69	3.45
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	162.59	3.45
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	167.14	4.60
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	198.48	5.75
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	198.48	5.75
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	289.11	12.64
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	289.11	12.64
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	367.19	24.13
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	493.77	34.48
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	693.67	52.87
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	906.79	82.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	1,055.72	95.40
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	81.62	3.45
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	110.81	3.45
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	110.81	3.45
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	137.98	4.60
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	139.25	4.60
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	190.38	8.04
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	195.85	9.20
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	241.44	14.95
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	311.25	21.84
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	445.25	29.88
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	550.74	41.37
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	744.04	64.37
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	170.88	3.45
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	175.03	3.45
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	175.03	3.45
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	194.76	6.89
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	194.76	6.89
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	254.55	11.49
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	254.55	11.49
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	321.42	17.24
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	480.02	28.73
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	875.58	44.83
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	1,022.76	72.41
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	1,382.87	95.40
05 15 16 00-0158		**Galvanized Steel, Closed Spelter Sockets** *(05 15 16)*		
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	143.12	3.45
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	143.67	3.45
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	143.67	3.45
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	160.39	5.75
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	160.39	5.75
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	223.61	10.35
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	223.61	10.35
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	273.26	14.95
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	398.68	22.99
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	601.68	35.63
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	787.36	48.28
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	990.84	64.37
05 15 16 00-0171		**Forged Steel, Jaw And Jaw Turnbuckles** *(05 15 16)*		
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	98.12	3.45
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-12.99*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	105.32	3.45
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.07*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	118.67	3.45
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.08*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	130.81	4.60
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.73*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	172.32	5.75
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.26*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	195.73	6.89
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.20*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	198.42	9.20
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-24.46*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	246.11	9.20
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-31.17*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	279.73	10.35
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-35.80*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	267.42	12.64
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-32.78*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	303.88	14.95
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.51*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	376.34	16.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-46.60*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	452.73	19.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-56.02*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	513.02	27.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-60.53*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	622.86	32.19
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-74.27*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	533.45	27.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-63.60*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	608.21	35.63
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-69.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	836.32	44.83
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-98.93*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	933.91	52.87
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-108.74*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,037.95	64.37
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-117.38*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,255.69	72.41
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-145.25*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,631.72	82.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-195.50*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,609.87	88.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-188.43*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,763.08	114.94
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-195.50*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,204.91	149.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-394.53*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	5,232.10	287.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-612.41*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.61
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.71
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	22.42
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	26.88
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	26.75
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	37.02
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	44.90
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	61.20
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	82.90
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	121.46
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	144.75
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	265.22
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	304.39
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	377.02

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.27
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.49
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.54
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.23
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.33
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.09
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.61
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.35
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.88
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.10
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.37
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.18
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.69
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	48.04
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.99
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	59.08
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.72
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.96
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	55.61
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	56.38
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	49.95
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.39
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	72.95
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	84.45
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	69.35
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	69.45
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	70.84
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	78.50
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	84.81
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	99.51
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	132.35

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.27	0.08
		For >500, Deduct	*-0.03*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.35	0.09
		For >500, Deduct	*-0.04*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.46	0.10
		For >500, Deduct	*-0.06*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.59	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.72	0.11
		For >500, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0007		7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.51	0.10
		For >500, Deduct	*-0.07*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.60	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.69	0.11
		For >500, Deduct	*-0.10*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.86	0.11
		For >500, Deduct	*-0.13*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.31	0.11
		For >500, Deduct	*-0.20*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.97	0.23
		For >500, Deduct	*-0.30*	
05 15 19 00-0014		7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.27	0.08
		For >500, Deduct	*-0.03*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.35	0.09
		For >500, Deduct	*-0.04*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.46	0.10
		For >500, Deduct	*-0.06*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.59	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.72	0.11
		For >500, Deduct	*-0.10*	
05 15 19 00-0020		7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.51	0.10
		For >500, Deduct	*-0.07*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.60	0.11
		For >500, Deduct	*-0.08*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.69	0.11
		For >500, Deduct	*-0.10*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.86	0.11
		For >500, Deduct	*-0.13*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.31	0.11
		For >500, Deduct	*-0.20*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.97	0.11
		For >500, Deduct	*-0.30*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001		Open Web Joists *(05 21 19)*		
05 21 19 00-0002	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,848.96	206.37
		For Welded Cross Bridging, Add	*257.96*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*238.69*	
05 21 19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,611.34	193.47
		For Welded Cross Bridging, Add	*229.30*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*221.64*	
05 21 19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	3,134.53	193.47
		For Welded Cross Bridging, Add	*238.12*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*280.90*	
05 21 19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,550.67	193.47
		For Welded Cross Bridging, Add	*238.12*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*330.83*	
05 21 19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	3,148.66	193.47
		For Welded Cross Bridging, Add	*257.96*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*274.65*	
05 21 19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,914.80	193.47
		For Welded Cross Bridging, Add	*238.12*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*374.53*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck *(05 31 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.24	0.52
		For Site Installed Insulation Between Ribs, Add	*0.86*	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.52*	
		For >500 To 1,500, Add	*0.16*	
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.68	0.60
		For Site Installed Insulation Between Ribs, Add	*0.98*	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.04*	
		For >100 To 500, Add	*0.59*	
		For >500 To 1,500, Add	*0.19*	
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.63	0.73
		For Site Installed Insulation Between Ribs, Add	*1.22*	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.29*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.23*	
05 31 13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.55	0.58
		For Site Installed Insulation Between Ribs, Add	*0.94*	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.01*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1,500, Add	*0.18*	
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.08	0.67
		For Site Installed Insulation Between Ribs, Add	*1.08*	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.16*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.21*	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.14	0.82
		For Site Installed Insulation Between Ribs, Add	*1.36*	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*1.44*	
		For >100 To 500, Add	*0.82*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.02	0.61
		For Site Installed Insulation Between Ribs, Add	*1.06*	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.10*	
		For >100 To 500, Add	*0.63*	
		For >500 To 1,500, Add	*0.19*	
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.66	0.71
		For Site Installed Insulation Between Ribs, Add	*1.23*	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.73*	
		For >500 To 1,500, Add	*0.22*	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.75	0.79
		For Site Installed Insulation Between Ribs, Add	*1.51*	
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.88*	
		For >500 To 1,500, Add	*0.25*	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	7.21	0.86
		For Site Installed Insulation Between Ribs, Add	*1.88*	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*1.05*	
		For >500 To 1,500, Add	*0.27*	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.49	0.65
		For Site Installed Insulation Between Ribs, Add	*1.18*	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.69*	
		For >500 To 1,500, Add	*0.20*	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.24	0.73
		For Site Installed Insulation Between Ribs, Add	*1.38*	
		For Painted, Deduct	*-0.22*	
		For Perforated Or Slotted, Add	*0.22*	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.80*	
		For >500 To 1,500, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.52	0.91
		For Site Installed Insulation Between Ribs, Add	*1.71*	
		For Painted, Deduct	*-0.27*	
		For Perforated Or Slotted, Add	*0.27*	
		For Up To 100, Add	*1.67*	
		For >100 To 500, Add	*0.99*	
		For >500 To 1,500, Add	*0.28*	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.22	1.10
		For Site Installed Insulation Between Ribs, Add	*2.16*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Up To 100, Add	*2.06*	
		For >100 To 500, Add	*1.23*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	11.87	
		For Site Installed Insulation Between Ribs, Add	*3.04*	
		For Painted, Deduct	*-0.54*	
		For Perforated Or Slotted, Add	*0.54*	
		For Up To 100, Add	*2.09*	
		For >100 To 500, Add	*1.49*	
		For >500 To 1,500, Add	*0.25*	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	14.95	0.91
		For Site Installed Insulation Between Ribs, Add	*3.82*	
		For Painted, Deduct	*-0.69*	
		For Perforated Or Slotted, Add	*0.69*	
		For Up To 100, Add	*2.51*	
		For >100 To 500, Add	*1.83*	
		For >500 To 1,500, Add	*0.28*	
05 31 13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	13.89	0.91
		For Site Installed Insulation Between Ribs, Add	*3.56*	
		For Painted, Deduct	*-0.64*	
		For Perforated Or Slotted, Add	*0.64*	
		For Up To 100, Add	*2.41*	
		For >100 To 500, Add	*1.73*	
		For >500 To 1,500, Add	*0.28*	
05 31 13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.56	1.10
		For Site Installed Insulation Between Ribs, Add	*3.74*	
		For Painted, Deduct	*-0.66*	
		For Perforated Or Slotted, Add	*0.66*	
		For Up To 100, Add	*2.69*	
		For >100 To 500, Add	*1.87*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	18.19	1.33
		For Site Installed Insulation Between Ribs, Add	*4.67*	
		For Painted, Deduct	*-0.83*	
		For Perforated Or Slotted, Add	*0.83*	
		For Up To 100, Add	*3.32*	
		For >100 To 500, Add	*2.32*	
		For >500 To 1,500, Add	*0.42*	
05 31 13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	16.09	1.21
		For Site Installed Insulation Between Ribs, Add	*4.14*	
		For Painted, Deduct	*-0.73*	
		For Perforated Or Slotted, Add	*0.73*	
		For Up To 100, Add	*2.96*	
		For >100 To 500, Add	*2.06*	
		For >500 To 1,500, Add	*0.38*	
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	20.06	1.46
		For Site Installed Insulation Between Ribs, Add	*5.15*	
		For Painted, Deduct	*-0.91*	
		For Perforated Or Slotted, Add	*0.91*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*2.56*	
		For >500 To 1,500, Add	*0.46*	

05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	10.64	0.93
		For Site Installed Insulation Between Ribs, Add	*2.75*	
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Insulated Cells, Add	*2.13*	
		For Up To 100, Add	*2.11*	
		For >100 To 500, Add	*1.41*	
		For >500 To 1,500, Add	*0.29*	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	11.58	1.23
		For Site Installed Insulation Between Ribs, Add	*3.01*	
		For Painted, Deduct	*-0.50*	
		For Perforated Or Slotted, Add	*0.50*	
		For Insulated Cells, Add	*2.26*	
		For Up To 100, Add	*2.54*	
		For >100 To 500, Add	*1.62*	
		For >500 To 1,500, Add	*0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	13.05	0.97
		For Site Installed Insulation Between Ribs, Add	*3.35*	
		For Painted, Deduct	*-0.59*	
		For Perforated Or Slotted, Add	*0.59*	
		For Insulated Cells, Add	*2.66*	
		For Up To 100, Add	*2.39*	
		For >100 To 500, Add	*1.67*	
		For >500 To 1,500, Add	*0.30*	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	14.14	1.29
		For Site Installed Insulation Between Ribs, Add	*3.65*	
		For Painted, Deduct	*-0.63*	
		For Perforated Or Slotted, Add	*0.63*	
		For Insulated Cells, Add	*2.82*	
		For Up To 100, Add	*2.87*	
		For >100 To 500, Add	*1.90*	
		For >500 To 1,500, Add	*0.41*	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	14.95	1.19
		For Site Installed Insulation Between Ribs, Add	*3.85*	
		For Painted, Deduct	*-0.68*	
		For Perforated Or Slotted, Add	*0.68*	
		For Insulated Cells, Add	*3.04*	
		For Up To 100, Add	*2.80*	
		For >100 To 500, Add	*1.93*	
		For >500 To 1,500, Add	*0.36*	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	17.87	1.36
		For Site Installed Insulation Between Ribs, Add	*4.59*	
		For Painted, Deduct	*-0.81*	
		For Perforated Or Slotted, Add	*0.81*	
		For Insulated Cells, Add	*3.64*	
		For Up To 100, Add	*3.32*	
		For >100 To 500, Add	*2.30*	
		For >500 To 1,500, Add	*0.43*	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	20.04	1.46
		For Site Installed Insulation Between Ribs, Add	*5.15*	
		For Painted, Deduct	*-0.91*	
		For Perforated Or Slotted, Add	*0.91*	
		For Insulated Cells, Add	*4.10*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*2.55*	
		For >500 To 1,500, Add	*0.46*	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	21.66	1.58
		For Site Installed Insulation Between Ribs, Add	*5.56*	
		For Painted, Deduct	*-0.99*	
		For Perforated Or Slotted, Add	*0.99*	
		For Insulated Cells, Add	*4.43*	
		For Up To 100, Add	*3.93*	
		For >100 To 500, Add	*2.75*	
		For >500 To 1,500, Add	*0.49*	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	23.18	1.19
		For Site Installed Insulation Between Ribs, Add	*5.91*	
		For Painted, Deduct	*-1.09*	
		For Perforated Or Slotted, Add	*1.09*	
		For Insulated Cells, Add	*4.88*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*2.76*	
		For >500 To 1,500, Add	*0.37*	
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	24.66	1.38
		For Site Installed Insulation Between Ribs, Add	*6.29*	
		For Painted, Deduct	*-1.15*	
		For Perforated Or Slotted, Add	*1.15*	
		For Insulated Cells, Add	*5.16*	
		For Up To 100, Add	*4.02*	
		For >100 To 500, Add	*2.99*	
		For >500 To 1,500, Add	*0.43*	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	26.06	1.48
		For Site Installed Insulation Between Ribs, Add	*6.65*	
		For Painted, Deduct	*-1.21*	
		For Perforated Or Slotted, Add	*1.21*	
		For Insulated Cells, Add	*5.45*	
		For Up To 100, Add	*4.28*	
		For >100 To 500, Add	*3.16*	
		For >500 To 1,500, Add	*0.47*	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	27.79	1.60
		For Site Installed Insulation Between Ribs, Add	*7.10*	
		For Painted, Deduct	*-1.29*	
		For Perforated Or Slotted, Add	*1.29*	
		For Insulated Cells, Add	*5.81*	
		For Up To 100, Add	*4.57*	
		For >100 To 500, Add	*3.38*	
		For >500 To 1,500, Add	*0.50*	

05 31 23 Steel Roof Decking *(05 31)*

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking *(05 31)*

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	2.93	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.58*	
		For >500 To 1,500, Add	*0.24*	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.12	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.24*	
		For >100 To 500, Add	*0.62*	
		For >500 To 1,500, Add	*0.26*	
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.45	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.42*	
		For >100 To 500, Add	*0.70*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.72	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.58*	
		For >100 To 500, Add	*0.77*	
		For >500 To 1,500, Add	*0.34*	
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.53	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.28*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.26*	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	3.70	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.34*	
		For >100 To 500, Add	*0.69*	
		For >500 To 1,500, Add	*0.27*	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.90	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.75*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	4.15	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.62*	
		For >100 To 500, Add	*0.82*	
		For >500 To 1,500, Add	*0.34*	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	4.39	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1,500, Add	*0.35*	
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	4.78	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.91*	
		For >500 To 1,500, Add	*0.36*	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	5.49	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*1.96*	
		For >100 To 500, Add	*1.02*	
		For >500 To 1,500, Add	*0.39*	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	6.08	
		For Painted, Deduct	*-0.22*	
		For Perforated Or Slotted, Add	*0.22*	
		For Up To 100, Add	*2.21*	
		For >100 To 500, Add	*1.14*	
		For >500 To 1,500, Add	*0.45*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.43	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1,500, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.74	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.89*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.39*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.30	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.28*	
		For >100 To 500, Add	*1.11*	
		For >500 To 1,500, Add	*0.49*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.78	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.67*	
		For >100 To 500, Add	*1.27*	
		For >500 To 1,500, Add	*0.58*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.74	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.89*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.39*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.12	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.07*	
		For >100 To 500, Add	*1.03*	
		For >500 To 1,500, Add	*0.43*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.67	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.46*	
		For >100 To 500, Add	*1.20*	
		For >500 To 1,500, Add	*0.53*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.20	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*2.85*	
		For >100 To 500, Add	*1.36*	
		For >500 To 1,500, Add	*0.62*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.98	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.96*	
		For >100 To 500, Add	*0.98*	
		For >500 To 1,500, Add	*0.41*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.33	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.18*	
		For >100 To 500, Add	*1.08*	
		For >500 To 1,500, Add	*0.46*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.99	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*2.64*	
		For >100 To 500, Add	*1.28*	
		For >500 To 1,500, Add	*0.57*	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.67	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*3.09*	
		For >100 To 500, Add	*1.47*	
		For >500 To 1,500, Add	*0.67*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.11	
		For Site Installed Insulation Between Ribs, Add	*2.22*	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.26*	
		For Up To 100, Add	*3.09*	
		For >100 To 500, Add	*1.57*	
		For >500 To 1,500, Add	*0.63*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.68	
		For Site Installed Insulation Between Ribs, Add	*2.38*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.32*	
		For Up To 100, Add	*3.40*	
		For >100 To 500, Add	*1.71*	
		For >500 To 1,500, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.78	
		For Site Installed Insulation Between Ribs, Add	*2.41*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.32*	
		For Up To 100, Add	*3.50*	
		For >100 To 500, Add	*1.75*	
		For >500 To 1,500, Add	*0.73*	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.32	
		For Site Installed Insulation Between Ribs, Add	*2.57*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.37*	
		For Up To 100, Add	*3.84*	
		For >100 To 500, Add	*1.90*	
		For >500 To 1,500, Add	*0.81*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.99	
		For Site Installed Insulation Between Ribs, Add	*2.76*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.46*	
		For Up To 100, Add	*4.15*	
		For >100 To 500, Add	*2.05*	
		For >500 To 1,500, Add	*0.88*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.10	
		For Site Installed Insulation Between Ribs, Add	*2.79*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.46*	
		For Up To 100, Add	*4.26*	
		For >100 To 500, Add	*2.09*	
		For >500 To 1,500, Add	*0.90*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.64	
		For Site Installed Insulation Between Ribs, Add	*2.95*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.51*	
		For Up To 100, Add	*4.60*	
		For >100 To 500, Add	*2.24*	
		For >500 To 1,500, Add	*0.98*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.38	
		For Site Installed Insulation Between Ribs, Add	*2.30*	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.28*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*1.65*	
		For >500 To 1,500, Add	*0.67*	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.85	
		For Site Installed Insulation Between Ribs, Add	*2.43*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.34*	
		For Up To 100, Add	*3.50*	
		For >100 To 500, Add	*1.76*	
		For >500 To 1,500, Add	*0.73*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.96	
		For Site Installed Insulation Between Ribs, Add	*2.47*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.34*	
		For Up To 100, Add	*3.61*	
		For >100 To 500, Add	*1.80*	
		For >500 To 1,500, Add	*0.76*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.62	
		For Site Installed Insulation Between Ribs, Add	*2.65*	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.41*	
		For Up To 100, Add	*3.98*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.84*	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.18	
		For Site Installed Insulation Between Ribs, Add	*2.81*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.48*	
		For Up To 100, Add	*4.27*	
		For >100 To 500, Add	*2.10*	
		For >500 To 1,500, Add	*0.90*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.34	
		For Site Installed Insulation Between Ribs, Add	*2.87*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.48*	
		For Up To 100, Add	*4.43*	
		For >100 To 500, Add	*2.17*	
		For >500 To 1,500, Add	*0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.91	
		For Site Installed Insulation Between Ribs, Add	*3.03*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*4.74*	
		For >100 To 500, Add	*2.31*	
		For >500 To 1,500, Add	*1.01*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.42	
		For Site Installed Insulation Between Ribs, Add	*2.31*	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.29*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*1.65*	
		For >500 To 1,500, Add	*0.67*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.91	
		For Site Installed Insulation Between Ribs, Add	*2.45*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.34*	
		For Up To 100, Add	*3.56*	
		For >100 To 500, Add	*1.78*	
		For >500 To 1,500, Add	*0.74*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.06	
		For Site Installed Insulation Between Ribs, Add	*2.50*	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.34*	
		For Up To 100, Add	*3.71*	
		For >100 To 500, Add	*1.84*	
		For >500 To 1,500, Add	*0.78*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.71	
		For Site Installed Insulation Between Ribs, Add	*2.68*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.42*	
		For Up To 100, Add	*4.03*	
		For >100 To 500, Add	*1.99*	
		For >500 To 1,500, Add	*0.85*	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.33	
		For Site Installed Insulation Between Ribs, Add	*2.86*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.50*	
		For Up To 100, Add	*4.33*	
		For >100 To 500, Add	*2.13*	
		For >500 To 1,500, Add	*0.92*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.55	
		For Site Installed Insulation Between Ribs, Add	*2.93*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.50*	
		For Up To 100, Add	*4.55*	
		For >100 To 500, Add	*2.22*	
		For >500 To 1,500, Add	*0.97*	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.01	
		For Site Installed Insulation Between Ribs, Add	*3.06*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*4.84*	
		For >100 To 500, Add	*2.35*	
		For >500 To 1,500, Add	*1.04*	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized *(05 36)*

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular	6.23
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular	5.11
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular	4.26
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular	3.67
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular	6.85
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular	5.58
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular	4.62
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular	4.00
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular	7.90
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular	6.32
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular	5.31
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular	4.79

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0001		18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*		
05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.03	0.96
		For Walls >10' High, Add	*1.41*	
		For Curved Wall, Add	*0.67*	
		For Up To 200, Add	*1.85*	
		For >200 To 500, Add	*0.93*	
		For 12" On Center, Add	*1.29*	
		For 24" On Center, Deduct	*-1.29*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.99	0.96
		For Walls >10' High, Add	*1.60*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*2.07*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.48*	
		For 24" On Center, Deduct	*-1.48*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.34	0.96
		For Walls >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*2.16*	
		For >200 To 500, Add	*1.08*	
		For 12" On Center, Add	*1.55*	
		For 24" On Center, Deduct	*-1.55*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	11.07	1.07
		For Walls >10' High, Add	*2.21*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*2.73*	
		For >200 To 500, Add	*1.36*	
		For 12" On Center, Add	*2.09*	
		For 24" On Center, Deduct	*-2.09*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	12.52	1.17
		For Walls >10' High, Add	*2.50*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*3.04*	
		For >200 To 500, Add	*1.52*	
		For 12" On Center, Add	*2.37*	
		For 24" On Center, Deduct	*-2.37*	
05 41 00 00-0007		16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*		
05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.61	0.96
		For Walls >10' High, Add	*1.52*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*1.99*	
		For >200 To 500, Add	*1.00*	
		For 12" On Center, Add	*1.40*	
		For 24" On Center, Deduct	*-1.40*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.01	0.97
		For Walls >10' High, Add	*1.80*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*2.30*	
		For >200 To 500, Add	*1.15*	
		For 12" On Center, Add	*1.68*	
		For 24" On Center, Deduct	*-1.68*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.54	0.97
		For Walls >10' High, Add	*1.91*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*2.42*	
		For >200 To 500, Add	*1.21*	
		For 12" On Center, Add	*1.78*	
		For 24" On Center, Deduct	*-1.78*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	12.53	1.17
		For Walls >10' High, Add	*2.51*	
		For Curved Wall, Add	*0.81*	
		For Up To 200, Add	*3.05*	
		For >200 To 500, Add	*1.52*	
		For 12" On Center, Add	*2.37*	
		For 24" On Center, Deduct	*-2.37*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	13.93	1.28
		For Walls >10' High, Add	*2.79*	
		For Curved Wall, Add	*0.85*	
		For Up To 200, Add	*3.35*	
		For >200 To 500, Add	*1.68*	
		For 12" On Center, Add	*2.64*	
		For 24" On Center, Deduct	*-2.64*	
05 41 00 00-0013		14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.69	1.33
		For Walls >10' High, Add	*2.14*	
		For Curved Wall, Add	*0.89*	
		For Up To 200, Add	*2.73*	
		For >200 To 500, Add	*1.37*	
		For 12" On Center, Add	*1.99*	
		For 24" On Center, Deduct	*-1.99*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	11.02	1.35
		For Walls >10' High, Add	*2.20*	
		For Curved Wall, Add	*0.91*	
		For Up To 200, Add	*2.81*	
		For >200 To 500, Add	*1.40*	
		For 12" On Center, Add	*2.05*	
		For 24" On Center, Deduct	*-2.05*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	14.34	1.43
		For Walls >10' High, Add	*2.87*	
		For Curved Wall, Add	*0.95*	
		For Up To 200, Add	*3.50*	
		For >200 To 500, Add	*1.75*	
		For 12" On Center, Add	*2.71*	
		For 24" On Center, Deduct	*-2.71*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	15.88	1.49
		For Walls >10' High, Add	*3.18*	
		For Curved Wall, Add	*1.00*	
		For Up To 200, Add	*3.84*	
		For >200 To 500, Add	*1.92*	
		For 12" On Center, Add	*3.01*	
		For 24" On Center, Deduct	*-3.01*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

05 42 13 Cold-Formed Metal Floor Joist Framing *(05 42)*

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge *(05 42 13)*

05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	15.94	2.30
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	16.96	2.88
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	18.37	3.16
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	20.83	3.37

05 42 13 00-0006 Steel Joists, 18 Gauge *(05 42 13)*

05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	17.79	2.55
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	18.97	3.21
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	20.60	3.51
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	21.06	3.74

05 42 13 00-0011 Steel Joists, 16 Gauge *(05 42 13)*

05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	22.60	3.55
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	23.87	3.74

05 42 13 00-0014 Steel Joists, 14 Gauge *(05 42 13)*

05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	27.50	3.74
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	30.05	3.94

05 42 13 00-0017 Steel Joists, 12 Gauge *(05 42 13)*

05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	33.19	4.11
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	36.51	4.34

05 42 13 00-0020 Steel Joists, 10 Gauge *(05 42 13)*

05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	38.92	4.53
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	43.04	4.76

05 42 13 00-0023 Steel Joists, 8 Gauge *(05 42 13)*

05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	44.72	4.97
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	49.60	5.24

05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Metal Framing Channel *(05 43)*

Note: Excludes fasteners and accessories. See CSI section 26 05 29 00-0001 for Unistrut framing channels with Electrical Crews.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	13.57	2.60
		For Powder Coating, Add	*1.26*	
		For Galvanizing, Add	*1.42*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	13.98	2.60
		For Powder Coating, Add	*1.32*	
		For Galvanizing, Add	*1.49*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	14.60	2.60
		For Powder Coating, Add	*1.41*	
		For Galvanizing, Add	*1.60*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.76	2.60
		For Powder Coating, Add	*1.14*	
		For Galvanizing, Add	*1.29*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	10.98	2.60
		For Powder Coating, Add	*0.87*	
		For Galvanizing, Add	*0.98*	
05 43 00 00-0008		Stainless Steel Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0009		304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	22.69	2.60
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	26.96	2.60
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	25.90	2.60
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	32.50	2.60
05 43 00 00-0014		316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	36.55	2.60
05 43 00 00-0016		Aluminum Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0017	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	13.43	2.60
05 43 00 00-0018	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	10.17	2.60
05 43 00 00-0019		Metal Framing Channel Fittings *(05 43)*		
05 43 00 00-0020		Unistrut Closure Strips *(05 43 00 00-0019)*		
05 43 00 00-0021	LF	Steel Raceway Closure Strip For Unistrut Channel	7.58	0.58
05 43 00 00-0022		Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0019)* Note: Includes hex bolt.		
05 43 00 00-0023		Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)* Note: Includes hex bolt.		
05 43 00 00-0024	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	8.24	
05 43 00 00-0025	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	9.12	
05 43 00 00-0026	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.79	
05 43 00 00-0027	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	13.36	
05 43 00 00-0028		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)* Note: Includes hex bolt.		
05 43 00 00-0029	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	13.87	
05 43 00 00-0030	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.74	
05 43 00 00-0031	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.31	
05 43 00 00-0032	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	32.96	
05 43 00 00-0033		Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0019)* Note: Includes hex bolt.		
05 43 00 00-0034		Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)* Note: Includes hex bolt.		
05 43 00 00-0035	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	8.27	
05 43 00 00-0036	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	9.25	
05 43 00 00-0037	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.84	
05 43 00 00-0038	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	14.39	
05 43 00 00-0039		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)* Note: Includes hex bolt.		
05 43 00 00-0040	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.41	
05 43 00 00-0041	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.31	
05 43 00 00-0042	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.44	
05 43 00 00-0043	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	32.15	
05 43 00 00-0044		Beam Clamp For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0045	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	23.37	8.62
05 43 00 00-0046	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	29.07	8.62
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut, P2676	3.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0048		**Beam Clamp Clevis Hangers For Unistrut Channel** *(05 43 00 00-0019)*		
05 43 00 00-0049	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	25.34	8.62
05 43 00 00-0050	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	29.88	8.62
05 43 00 00-0051	EA	Add For Unistrut Swivel Nut	3.10	
05 43 00 00-0052	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	185.61	11.49
05 43 00 00-0053		**Bases For Unistrut Channel** *(05 43 00 00-0019)*		
05 43 00 00-0054		**Accessories For Unistrut Channel** *(05 43 00 00-0053)*		
05 43 00 00-0055	EA	Trolley Truck Hanger, 1-5/8" Channel P1834	61.01	8.62
05 43 00 00-0056	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	15.14	5.75
05 43 00 00-0057	EA	60 Degree Angle, 1-5/8" Channel P2097	15.87	5.75
05 43 00 00-0058		**Steel Bases For Unistrut Channel** *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0059	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	117.04	28.74
05 43 00 00-0060	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	118.17	28.74
05 43 00 00-0061	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	170.01	28.74
05 43 00 00-0062	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	138.90	28.74
05 43 00 00-0063		**Stainless Steel Bases For Unistrut Channel** *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0064	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	224.95	28.74
05 43 00 00-0065	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	416.77	28.74
05 43 00 00-0066	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	310.04	28.74
05 43 00 00-0067	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	466.06	28.74
05 43 00 00-0068	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	397.87	28.74
05 43 00 00-0069		**Pipe And Rigid Conduit Clamps** *(05 43 00 00-0019)*		
05 43 00 00-0070		**Pipe And Rigid Conduit Clamps** *(05 43 00 00-0069)*		
		Note: Includes stainless steel (316) hardware.		
05 43 00 00-0071	PR	1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.86	2.19
05 43 00 00-0072	PR	3/4" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.01	2.19
05 43 00 00-0073	PR	1" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.08	2.64
05 43 00 00-0074	PR	1-1/4" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.55	2.87
05 43 00 00-0075	PR	1-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.83	3.22
05 43 00 00-0076	PR	2" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.83	3.22
05 43 00 00-0077	PR	2-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.67	5.40
05 43 00 00-0078	PR	3" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.98	5.40
05 43 00 00-0079	PR	3-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	18.15	5.98
05 43 00 00-0080	PR	4" Diameter, Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	20.10	6.43
05 43 00 00-0081		**Pipe And Rigid Conduit Clamps** *(05 43 00 00-0069)*		
		Note: Includes nylon hardware.		
05 43 00 00-0082	PR	1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	9.64	2.19
05 43 00 00-0083	PR	3/4" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	9.96	2.19
05 43 00 00-0084	PR	1" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.03	2.64
05 43 00 00-0085	PR	1-1/4" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.62	2.87
05 43 00 00-0086	PR	1-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	15.62	3.22
05 43 00 00-0087	PR	2" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	15.62	3.22
05 43 00 00-0088	PR	2-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	23.13	5.40
05 43 00 00-0089	PR	3" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	23.77	5.40
05 43 00 00-0090	PR	3-1/2" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	25.05	5.98
05 43 00 00-0091	PR	4" Diameter, Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	27.95	6.43

05 44 Cold-Formed Metal Trusses *(05 40)*

05 44 13 Cold-Formed Metal Roof Trusses *(05 44)*

05 44 13 00-0001		**Metal Trusses** *(05 44 13)*		
05 44 13 00-0002		**4:12 Pitch Metal Trusses** *(05 44 13 00-0001)*		
05 44 13 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	799.20	117.37
		For 4" Chords, Deduct	*-175.71*	
		For 14 Gauge, Add	*209.02*	
		For 16 Gauge, Add	*89.14*	
05 44 13 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	839.57	118.41
		For 4" Chords, Deduct	*-188.25*	
		For 14 Gauge, Add	*221.19*	
		For 16 Gauge, Add	*95.26*	
05 44 13 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	870.60	119.43
		For 4" Chords, Deduct	*-197.72*	
		For 14 Gauge, Add	*230.47*	
		For 16 Gauge, Add	*99.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	925.59	125.35
		For 4" Chords, Deduct	*-211.43*	
		For 14 Gauge, Add	*245.57*	
		For 16 Gauge, Add	*106.73*	
05 44 13 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	971.27	131.26
		For 4" Chords, Deduct	*-222.07*	
		For 14 Gauge, Add	*257.78*	
		For 16 Gauge, Add	*112.09*	
05 44 13 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,002.95	132.50
		For 4" Chords, Deduct	*-231.60*	
		For 14 Gauge, Add	*267.19*	
		For 16 Gauge, Add	*116.75*	
05 44 13 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,043.95	133.75
		For 4" Chords, Deduct	*-244.19*	
		For 14 Gauge, Add	*279.49*	
		For 16 Gauge, Add	*122.89*	
05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,091.96	140.44
		For 4" Chords, Deduct	*-255.02*	
		For 14 Gauge, Add	*292.16*	
		For 16 Gauge, Add	*128.37*	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,149.27	147.12
		For 4" Chords, Deduct	*-268.91*	
		For 14 Gauge, Add	*307.72*	
		For 16 Gauge, Add	*135.33*	
05 44 13 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,197.29	153.82
		For 4" Chords, Deduct	*-279.74*	
		For 14 Gauge, Add	*320.40*	
		For 16 Gauge, Add	*140.81*	
05 44 13 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	1,254.61	160.50
		For 4" Chords, Deduct	*-293.64*	
		For 14 Gauge, Add	*335.96*	
		For 16 Gauge, Add	*147.77*	

05 44 13 00-0014 5:12 To 6:12 Pitch Metal Trusses *(05 44 13 00-0001)*

05 44 13 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	950.43	146.04
		For 4" Chords, Deduct	*-204.11*	
		For 14 Gauge, Add	*246.44*	
		For 16 Gauge, Add	*103.87*	
05 44 13 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	991.89	147.45
		For 4" Chords, Deduct	*-216.74*	
		For 14 Gauge, Add	*258.83*	
		For 16 Gauge, Add	*110.05*	
05 44 13 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,033.34	148.84
		For 4" Chords, Deduct	*-229.37*	
		For 14 Gauge, Add	*271.22*	
		For 16 Gauge, Add	*116.22*	
05 44 13 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,099.97	158.64
		For 4" Chords, Deduct	*-244.01*	
		For 14 Gauge, Add	*288.64*	
		For 16 Gauge, Add	*123.65*	
05 44 13 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,166.62	168.44
		For 4" Chords, Deduct	*-258.66*	
		For 14 Gauge, Add	*306.07*	
		For 16 Gauge, Add	*131.08*	
05 44 13 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,096.09	170.20
		For 4" Chords, Deduct	*-262.33*	
		For 14 Gauge, Add	*296.06*	
		For 16 Gauge, Add	*131.65*	
05 44 13 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,251.76	171.97
		For 4" Chords, Deduct	*-284.10*	
		For 14 Gauge, Add	*331.29*	
		For 16 Gauge, Add	*143.53*	
05 44 13 00-0022	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,314.81	180.57
		For 4" Chords, Deduct	*-298.46*	
		For 14 Gauge, Add	*348.00*	
		For 16 Gauge, Add	*150.78*	
05 44 13 00-0023	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,377.86	189.17
		For 4" Chords, Deduct	*-312.82*	
		For 14 Gauge, Add	*364.71*	
		For 16 Gauge, Add	*158.03*	
05 44 13 00-0024	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,440.91	197.76
		For 4" Chords, Deduct	*-327.18*	
		For 14 Gauge, Add	*381.42*	
		For 16 Gauge, Add	*165.28*	
05 44 13 00-0025	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,503.98	206.37
		For 4" Chords, Deduct	*-341.54*	
		For 14 Gauge, Add	*398.13*	
		For 16 Gauge, Add	*172.53*	

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*

Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	910.68	33.37
		For Closed Riser, Add	*104.71*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,035.20	38.93
		For Closed Riser, Add	*118.88*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,153.90	45.60
		For Closed Riser, Add	*132.21*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	78.46	5.56

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	446.82	44.49
		For Closed Riser, Add	*53.19*	
		For Galvanized Steel, Add	*89.46*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	477.21	51.17
		For Closed Riser, Add	*56.41*	
		For Galvanized Steel, Add	*93.72*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	529.09	60.06
		For Closed Riser, Add	*62.18*	
		For Galvanized Steel, Add	*102.24*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	83.59	5.56
		For Galvanized Steel, Add	*15.34*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF	20" Wide Fixed Vertical Steel Ladder Primed	96.86	13.35
		For Galvanized Steel, Add	*13.75*	
		For Aluminum, Add	*27.50*	
05 51 33 13-0003	VLF	24" Wide Fixed Vertical Steel Ladder Primed	110.80	13.35
		For Galvanized Steel, Add	*17.23*	
		For Aluminum, Add	*34.47*	
05 51 33 13-0004	VLF	20" Wide Fixed Vertical Steel Caged Ladder Primed	230.65	22.24
		For Galvanized Steel, Add	*39.94*	
		For Aluminum, Add	*79.88*	
05 51 33 13-0005	VLF	24" Wide Fixed Vertical Steel Caged Ladder Primed	258.52	22.24
		For Galvanized Steel, Add	*46.91*	
		For Aluminum, Add	*93.81*	

05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	387.98	41.71
		For Galvanized Steel, Add	*76.14*	
		For Aluminum, Add	*152.29*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	424.89	44.49
		For Galvanized Steel, Add	*83.98*	
		For Aluminum, Add	*167.96*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	463.25	13.90
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,248.49	83.41
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,493.53	97.32
05 51 33 13-0012	EA	Safety Chain Attachment	228.27	

05 51 33 13-0013 Welded Steel Ladder Cages *(05 51 33 13)*

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,122.76	166.83
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,305.56	172.40
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,451.06	177.96
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,606.51	183.51
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,697.25	189.08
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,845.23	194.64
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,975.79	200.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,146.16	205.76
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,311.56	211.33
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,447.10	216.88
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,612.49	222.44
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,772.91	228.01
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,930.85	233.57
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,218.16	239.13
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,303.94	244.69
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,451.92	250.25
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,587.46	255.81
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,713.04	261.37
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,992.90	266.93
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,143.37	272.50
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,283.88	278.05

05 51 33 13-0036 Welded Stainless Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	5,290.36	166.83
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	5,652.32	172.40
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	6,255.67	177.96
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	6,552.95	183.51
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	6,802.94	189.08
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	7,135.06	194.64
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	7,733.42	200.20
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	8,035.67	205.76
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	8,347.88	211.33
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	8,689.95	216.88
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	9,300.74	222.44
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	9,605.49	228.01
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	9,895.31	233.57
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	10,376.71	239.13
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	10,917.85	244.69
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	11,217.61	250.25
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	11,524.84	255.81
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	11,812.16	261.37
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	12,552.36	266.93
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	12,839.68	272.50
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	13,134.47	278.05

05 51 33 16 Inclined Metal Ladders *(05 51 33)*

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*

Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	325.41	55.61
		For Aluminum, Add	*107.09*	

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

05 51 33 23-0001 Vertical Ladders With Alternating Tread *(05 51 33 23)*

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,884.91	166.83
		For Stainless Steel, Add	*279.46*	
		For Primed Steel, Deduct	*-232.88*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	3,317.29	176.84
		For Stainless Steel, Add	*340.51*	
		For Primed Steel, Deduct	*-265.60*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	3,702.79	176.84
		For Stainless Steel, Add	*404.25*	
		For Primed Steel, Deduct	*-295.41*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	4,207.63	222.23
		For Stainless Steel, Add	*467.93*	
		For Primed Steel, Deduct	*-320.62*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	4,634.82	230.09
		For Stainless Steel, Add	*541.49*	
		For Primed Steel, Deduct	*-348.10*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	4,975.45	230.09
		For Stainless Steel, Add	*610.22*	
		For Primed Steel, Deduct	*-368.24*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	5,459.82	256.66
		For Stainless Steel, Add	*690.64*	
		For Primed Steel, Deduct	*-391.36*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	5,841.46	256.66
		For Stainless Steel, Add	*772.81*	
		For Primed Steel, Deduct	*-411.34*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	6,138.39	256.66
		For Stainless Steel, Add	*845.25*	
		For Primed Steel, Deduct	*-422.63*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0001			Welded Steel Pipe Railing *(05 52 13)* Note: Includes field welds and touch-up of welds.		
05 52 13 00-0002			One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)* Note: Includes factory primed posts and one rail.		
	05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	38.84	11.13
			For Schedule 80 Handrail, Add	*5.13*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-3.65*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-4.15*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-5.48*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-6.47*	
			For ADA Handrail P-Loop End Return, Add Per Each	*79.16*	
			For Additional Off Set Handrail, ADA Attachment, Add	*14.41*	
			For Aluminum, Satin Finish, Add	*6.97*	
			For Aluminum, Clear Anodized Finish, Add	*10.79*	
			For Aluminum, Dark Anodized Finish, Add	*12.45*	
			For Galvanizing, Add	*6.64*	
			For Wrought Iron, Add	*3.88*	
			For Solid Steel Rails, Add	*7.77*	
			For 304 Stainless Steel, Add	*53.12*	
			For 316 Stainless Steel, Add	*59.76*	
			For 2" Wheel Guard, Add	*1.58*	
			For 4" High Kick Plate, Add	*2.08*	
			For 6" High Kick Plate, Add	*3.32*	
			For Curved Rail, Add	*16.63*	
			For Mounting On Stairs, Add	*11.65*	
			For Mounting On Slopes, Add	*3.88*	
			For Post Base Flange With Screws, Add Per Post	*19.72*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
			For Custom Design Or Shapes (Square Tops, etc.), Add	*13.86*	
			For Nylon Coating, Add	*2.49*	
	05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	41.70	11.13
			For Schedule 80 Handrail, Add	*8.15*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-4.28*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-4.87*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-6.42*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-7.59*	
			For ADA Handrail P-Loop End Return, Add Per Each	*94.20*	
			For Additional Off Set Handrail, ADA Attachment, Add	*16.13*	
			For Aluminum, Satin Finish, Add	*8.17*	
			For Aluminum, Clear Anodized Finish, Add	*12.65*	
			For Aluminum, Dark Anodized Finish, Add	*14.60*	
			For Galvanizing, Add	*7.78*	
			For Wrought Iron, Add	*4.17*	
			For Solid Steel Rails, Add	*8.34*	
			For 304 Stainless Steel, Add	*62.27*	
			For 316 Stainless Steel, Add	*70.06*	
			For 2" Wheel Guard, Add	*1.85*	
			For 4" High Kick Plate, Add	*2.43*	
			For 6" High Kick Plate, Add	*3.89*	
			For Curved Rail, Add	*18.35*	
			For Mounting On Stairs, Add	*12.51*	
			For Mounting On Slopes, Add	*4.17*	
			For Post Base Flange With Screws, Add Per Post	*19.72*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
			For Custom Design Or Shapes (Square Tops, etc.), Add	*15.29*	
			For Nylon Coating, Add	*2.92*	
	05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	44.56	11.13
			For Schedule 80 Handrail, Add	*8.15*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-4.91*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-5.58*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-7.37*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-8.70*	
			For ADA Handrail P-Loop End Return, Add Per Each	*106.17*	
			For Additional Off Set Handrail, ADA Attachment, Add	*17.84*	
			For Aluminum, Satin Finish, Add	*9.37*	
			For Aluminum, Clear Anodized Finish, Add	*14.51*	
			For Aluminum, Dark Anodized Finish, Add	*16.74*	
			For Galvanizing, Add	*8.93*	
			For Wrought Iron, Add	*4.46*	
			For Solid Steel Rails, Add	*8.91*	
			For 304 Stainless Steel, Add	*71.42*	
			For 316 Stainless Steel, Add	*80.35*	
			For 2" Wheel Guard, Add	*2.12*	
			For 4" High Kick Plate, Add	*2.79*	
			For 6" High Kick Plate, Add	*4.46*	
			For Curved Rail, Add	*20.06*	
			For Mounting On Stairs, Add	*13.37*	
			For Mounting On Slopes, Add	*4.46*	
			For Post Base Flange With Screws, Add Per Post	*19.72*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
			For Custom Design Or Shapes (Square Tops, etc.), Add	*16.72*	
			For Nylon Coating, Add	*3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	49.52	11.13
		For Schedule 80 Handrail, Add	*9.37*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.82*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.64*	
		For ADA Handrail P-Loop End Return, Add Per Each	*128.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.82*	
		For Aluminum, Satin Finish, Add	*11.46*	
		For Aluminum, Clear Anodized Finish, Add	*17.73*	
		For Aluminum, Dark Anodized Finish, Add	*20.46*	
		For Galvanizing, Add	*10.91*	
		For Wrought Iron, Add	*4.95*	
		For Solid Steel Rails, Add	*9.90*	
		For 304 Stainless Steel, Add	*87.30*	
		For 316 Stainless Steel, Add	*98.21*	
		For 2" Wheel Guard, Add	*2.59*	
		For 4" High Kick Plate, Add	*3.41*	
		For 6" High Kick Plate, Add	*5.46*	
		For Curved Rail, Add	*23.04*	
		For Mounting On Stairs, Add	*14.86*	
		For Mounting On Slopes, Add	*4.95*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*19.20*	
		For Nylon Coating, Add	*4.09*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	55.46	11.13
		For Schedule 80 Handrail, Add	*10.61*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.31*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.31*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.96*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.96*	
		For ADA Handrail P-Loop End Return, Add Per Each	*175.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.38*	
		For Aluminum, Satin Finish, Add	*13.95*	
		For Aluminum, Clear Anodized Finish, Add	*21.59*	
		For Aluminum, Dark Anodized Finish, Add	*24.92*	
		For Galvanizing, Add	*13.29*	
		For Wrought Iron, Add	*5.55*	
		For Solid Steel Rails, Add	*11.09*	
		For 304 Stainless Steel, Add	*106.30*	
		For 316 Stainless Steel, Add	*119.59*	
		For 2" Wheel Guard, Add	*3.16*	
		For 4" High Kick Plate, Add	*4.15*	
		For 6" High Kick Plate, Add	*6.64*	
		For Curved Rail, Add	*26.60*	
		For Mounting On Stairs, Add	*16.64*	
		For Mounting On Slopes, Add	*5.55*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*22.17*	
		For Nylon Coating, Add	*4.98*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	51.28	11.13
		For Schedule 80 Handrail, Add	*5.13*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.33*	
		For ADA Handrail P-Loop End Return, Add Per Each	*79.16*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.41*	
		For Aluminum, Satin Finish, Add	*12.20*	
		For Aluminum, Clear Anodized Finish, Add	*18.88*	
		For Aluminum, Dark Anodized Finish, Add	*21.78*	
		For Galvanizing, Add	*11.62*	
		For Wrought Iron, Add	*5.13*	
		For Solid Steel Rails, Add	*10.26*	
		For 304 Stainless Steel, Add	*92.93*	
		For 316 Stainless Steel, Add	*104.54*	
		For 2" Wheel Guard, Add	*2.76*	
		For 4" High Kick Plate, Add	*3.63*	
		For 6" High Kick Plate, Add	*5.81*	
		For Curved Rail, Add	*24.10*	
		For Mounting On Stairs, Add	*15.38*	
		For Mounting On Slopes, Add	*5.13*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*20.08*	
		For Nylon Coating, Add	*4.36*	
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	56.29	11.13
		For Schedule 80 Handrail, Add	*8.15*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.49*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.51*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.24*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.28*	
		For ADA Handrail P-Loop End Return, Add Per Each	*94.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.13*	
		For Aluminum, Satin Finish, Add	*14.30*	
		For Aluminum, Clear Anodized Finish, Add	*22.13*	
		For Aluminum, Dark Anodized Finish, Add	*25.54*	
		For Galvanizing, Add	*13.62*	
		For Wrought Iron, Add	*5.63*	
		For Solid Steel Rails, Add	*11.26*	
		For 304 Stainless Steel, Add	*108.96*	
		For 316 Stainless Steel, Add	*122.58*	
		For 2" Wheel Guard, Add	*3.23*	
		For 4" High Kick Plate, Add	*4.26*	
		For 6" High Kick Plate, Add	*6.81*	
		For Curved Rail, Add	*27.10*	
		For Mounting On Stairs, Add	*16.89*	
		For Mounting On Slopes, Add	*5.63*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*22.59*	
		For Nylon Coating, Add	*5.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	61.29	11.13
		For Schedule 80 Handrail, Add	*8.15*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.23*	
		For ADA Handrail P-Loop End Return, Add Per Each	*106.17*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.84*	
		For Aluminum, Satin Finish, Add	*16.40*	
		For Aluminum, Clear Anodized Finish, Add	*25.38*	
		For Aluminum, Dark Anodized Finish, Add	*29.29*	
		For Galvanizing, Add	*15.62*	
		For Wrought Iron, Add	*6.13*	
		For Solid Steel Rails, Add	*12.26*	
		For 304 Stainless Steel, Add	*124.96*	
		For 316 Stainless Steel, Add	*140.58*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*30.10*	
		For Mounting On Stairs, Add	*18.39*	
		For Mounting On Slopes, Add	*6.13*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*25.09*	
		For Nylon Coating, Add	*5.86*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	69.97	11.13
		For Schedule 80 Handrail, Add	*9.37*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.50*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.75*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.61*	
		For ADA Handrail P-Loop End Return, Add Per Each	*128.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.82*	
		For Aluminum, Satin Finish, Add	*20.05*	
		For Aluminum, Clear Anodized Finish, Add	*31.02*	
		For Aluminum, Dark Anodized Finish, Add	*35.80*	
		For Galvanizing, Add	*19.09*	
		For Wrought Iron, Add	*7.00*	
		For Solid Steel Rails, Add	*13.99*	
		For 304 Stainless Steel, Add	*152.74*	
		For 316 Stainless Steel, Add	*171.83*	
		For 2" Wheel Guard, Add	*4.53*	
		For 4" High Kick Plate, Add	*5.97*	
		For 6" High Kick Plate, Add	*9.55*	
		For Curved Rail, Add	*35.31*	
		For Mounting On Stairs, Add	*20.99*	
		For Mounting On Slopes, Add	*7.00*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*29.43*	
		For Nylon Coating, Add	*7.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	80.37	11.13
		For Schedule 80 Handrail, Add	*10.61*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*131.76*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.79*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.53*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.18*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.67*	
		For ADA Handrail P-Loop End Return, Add Per Each	*175.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.38*	
		For Aluminum, Satin Finish, Add	*24.41*	
		For Aluminum, Clear Anodized Finish, Add	*37.78*	
		For Aluminum, Dark Anodized Finish, Add	*43.60*	
		For Galvanizing, Add	*23.25*	
		For Wrought Iron, Add	*8.04*	
		For Solid Steel Rails, Add	*16.07*	
		For 304 Stainless Steel, Add	*186.02*	
		For 316 Stainless Steel, Add	*209.27*	
		For 2" Wheel Guard, Add	*5.52*	
		For 4" High Kick Plate, Add	*7.27*	
		For 6" High Kick Plate, Add	*11.63*	
		For Curved Rail, Add	*41.55*	
		For Mounting On Stairs, Add	*24.11*	
		For Mounting On Slopes, Add	*8.04*	
		For Post Base Flange With Screws, Add Per Post	*19.72*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.84*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*34.63*	
		For Nylon Coating, Add	*8.72*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	80.05	13.35
		For Schedule 80 Handrail, Add	*7.41*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.74*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.34*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.81*	
		For ADA Handrail P-Loop End Return, Add Per Each	*79.16*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.30*	
		For Aluminum, Satin Finish, Add	*22.41*	
		For Aluminum, Clear Anodized Finish, Add	*34.68*	
		For Aluminum, Dark Anodized Finish, Add	*40.02*	
		For Galvanizing, Add	*21.34*	
		For Wrought Iron, Add	*8.01*	
		For Solid Steel Rails, Add	*16.01*	
		For 304 Stainless Steel, Add	*170.75*	
		For 316 Stainless Steel, Add	*192.10*	
		For 2" Wheel Guard, Add	*5.07*	
		For 4" High Kick Plate, Add	*6.67*	
		For 6" High Kick Plate, Add	*10.67*	
		For Curved Rail, Add	*40.02*	
		For Mounting On Stairs, Add	*24.02*	
		For Mounting On Slopes, Add	*8.01*	
		For Post Base Flange With Screws, Add Per Post	*20.17*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.50*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*33.35*	
		For Nylon Coating, Add	*8.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	89.24	13.35
		For Schedule 80 Handrail, Add	*11.44*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.76*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.64*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.64*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-24.39*	
		For ADA Handrail P-Loop End Return, Add Per Each	*94.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.02*	
		For Aluminum, Satin Finish, Add	*26.27*	
		For Aluminum, Clear Anodized Finish, Add	*40.66*	
		For Aluminum, Dark Anodized Finish, Add	*46.91*	
		For Galvanizing, Add	*25.02*	
		For Wrought Iron, Add	*8.92*	
		For Solid Steel Rails, Add	*17.85*	
		For 304 Stainless Steel, Add	*200.16*	
		For 316 Stainless Steel, Add	*225.18*	
		For 2" Wheel Guard, Add	*5.94*	
		For 4" High Kick Plate, Add	*7.82*	
		For 6" High Kick Plate, Add	*12.51*	
		For Curved Rail, Add	*45.54*	
		For Mounting On Stairs, Add	*26.77*	
		For Mounting On Slopes, Add	*8.92*	
		For Post Base Flange With Screws, Add Per Post	*20.17*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.50*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*37.95*	
		For Nylon Coating, Add	*9.38*	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	98.43	13.35
		For Schedule 80 Handrail, Add	*11.44*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.78*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.94*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.67*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.98*	
		For ADA Handrail P-Loop End Return, Add Per Each	*106.17*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.73*	
		For Aluminum, Satin Finish, Add	*30.13*	
		For Aluminum, Clear Anodized Finish, Add	*46.63*	
		For Aluminum, Dark Anodized Finish, Add	*53.81*	
		For Galvanizing, Add	*28.70*	
		For Wrought Iron, Add	*9.84*	
		For Solid Steel Rails, Add	*19.69*	
		For 304 Stainless Steel, Add	*229.57*	
		For 316 Stainless Steel, Add	*258.26*	
		For 2" Wheel Guard, Add	*6.82*	
		For 4" High Kick Plate, Add	*8.97*	
		For 6" High Kick Plate, Add	*14.35*	
		For Curved Rail, Add	*51.05*	
		For Mounting On Stairs, Add	*29.53*	
		For Mounting On Slopes, Add	*9.84*	
		For Post Base Flange With Screws, Add Per Post	*20.17*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.50*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*42.54*	
		For Nylon Coating, Add	*10.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	114.40	13.35
		For Schedule 80 Handrail, Add	*13.06*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-19.30*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.94*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-34.21*	
		For ADA Handrail P-Loop End Return, Add Per Each	*128.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*21.71*	
		For Aluminum, Satin Finish, Add	*36.84*	
		For Aluminum, Clear Anodized Finish, Add	*57.01*	
		For Aluminum, Dark Anodized Finish, Add	*65.78*	
		For Galvanizing, Add	*35.08*	
		For Wrought Iron, Add	*11.44*	
		For Solid Steel Rails, Add	*22.88*	
		For 304 Stainless Steel, Add	*280.67*	
		For 316 Stainless Steel, Add	*315.76*	
		For 2" Wheel Guard, Add	*8.33*	
		For 4" High Kick Plate, Add	*10.96*	
		For 6" High Kick Plate, Add	*17.54*	
		For Curved Rail, Add	*60.63*	
		For Mounting On Stairs, Add	*34.32*	
		For Mounting On Slopes, Add	*11.44*	
		For Post Base Flange With Screws, Add Per Post	*20.17*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.50*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*50.53*	
		For Nylon Coating, Add	*13.16*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	133.42	13.35
		For Schedule 80 Handrail, Add	*14.71*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*131.76*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-23.48*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-35.22*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-41.62*	
		For ADA Handrail P-Loop End Return, Add Per Each	*175.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*25.27*	
		For Aluminum, Satin Finish, Add	*44.83*	
		For Aluminum, Clear Anodized Finish, Add	*69.37*	
		For Aluminum, Dark Anodized Finish, Add	*80.05*	
		For Galvanizing, Add	*42.69*	
		For Wrought Iron, Add	*13.34*	
		For Solid Steel Rails, Add	*26.68*	
		For 304 Stainless Steel, Add	*341.54*	
		For 316 Stainless Steel, Add	*384.23*	
		For 2" Wheel Guard, Add	*10.14*	
		For 4" High Kick Plate, Add	*13.34*	
		For 6" High Kick Plate, Add	*21.35*	
		For Curved Rail, Add	*72.05*	
		For Mounting On Stairs, Add	*40.03*	
		For Mounting On Slopes, Add	*13.34*	
		For Post Base Flange With Screws, Add Per Post	*20.17*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.50*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*60.04*	
		For Nylon Coating, Add	*16.01*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	96.64	15.57
		For Schedule 80 Handrail, Add	*9.97*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.41*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.37*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-21.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-25.54*	
		For ADA Handrail P-Loop End Return, Add Per Each	*79.16*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.19*	
		For Aluminum, Satin Finish, Add	*27.51*	
		For Aluminum, Clear Anodized Finish, Add	*42.57*	
		For Aluminum, Dark Anodized Finish, Add	*49.12*	
		For Galvanizing, Add	*26.20*	
		For Wrought Iron, Add	*9.66*	
		For Solid Steel Rails, Add	*19.33*	
		For 304 Stainless Steel, Add	*209.57*	
		For 316 Stainless Steel, Add	*235.76*	
		For 2" Wheel Guard, Add	*6.22*	
		For 4" High Kick Plate, Add	*8.19*	
		For 6" High Kick Plate, Add	*13.10*	
		For Curved Rail, Add	*48.64*	
		For Mounting On Stairs, Add	*28.99*	
		For Mounting On Slopes, Add	*9.66*	
		For Post Base Flange With Screws, Add Per Post	*20.62*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.17*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*40.53*	
		For Nylon Coating, Add	*9.82*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	104.80	15.57
		For Schedule 80 Handrail, Add	*15.01*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.41*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.30*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-28.72*	
		For ADA Handrail P-Loop End Return, Add Per Each	*94.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.91*	
		For Aluminum, Satin Finish, Add	*30.93*	
		For Aluminum, Clear Anodized Finish, Add	*47.87*	
		For Aluminum, Dark Anodized Finish, Add	*55.24*	
		For Galvanizing, Add	*29.46*	
		For Wrought Iron, Add	*10.48*	
		For Solid Steel Rails, Add	*20.96*	
		For 304 Stainless Steel, Add	*235.68*	
		For 316 Stainless Steel, Add	*265.14*	
		For 2" Wheel Guard, Add	*7.00*	
		For 4" High Kick Plate, Add	*9.21*	
		For 6" High Kick Plate, Add	*14.73*	
		For Curved Rail, Add	*53.54*	
		For Mounting On Stairs, Add	*31.44*	
		For Mounting On Slopes, Add	*10.48*	
		For Post Base Flange With Screws, Add Per Post	*20.62*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.17*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*44.61*	
		For Nylon Coating, Add	*11.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	112.96	15.57
		For Schedule 80 Handrail, Add	*15.01*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-18.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.45*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-27.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-31.91*	
		For ADA Handrail P-Loop End Return, Add Per Each	*106.17*	
		For Additional Off Set Handrail, ADA Attachment, Add	*19.62*	
		For Aluminum, Satin Finish, Add	*34.36*	
		For Aluminum, Clear Anodized Finish, Add	*53.18*	
		For Aluminum, Dark Anodized Finish, Add	*61.36*	
		For Galvanizing, Add	*32.72*	
		For Wrought Iron, Add	*11.30*	
		For Solid Steel Rails, Add	*22.59*	
		For 304 Stainless Steel, Add	*261.79*	
		For 316 Stainless Steel, Add	*294.52*	
		For 2" Wheel Guard, Add	*7.77*	
		For 4" High Kick Plate, Add	*10.23*	
		For 6" High Kick Plate, Add	*16.36*	
		For Curved Rail, Add	*58.43*	
		For Mounting On Stairs, Add	*33.89*	
		For Mounting On Slopes, Add	*11.30*	
		For Post Base Flange With Screws, Add Per Post	*20.62*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.17*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*48.69*	
		For Nylon Coating, Add	*12.27*	
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	131.13	15.57
		For Schedule 80 Handrail, Add	*17.04*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-22.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-25.00*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-32.99*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-38.99*	
		For ADA Handrail P-Loop End Return, Add Per Each	*128.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*22.60*	
		For Aluminum, Satin Finish, Add	*41.99*	
		For Aluminum, Clear Anodized Finish, Add	*64.99*	
		For Aluminum, Dark Anodized Finish, Add	*74.99*	
		For Galvanizing, Add	*39.99*	
		For Wrought Iron, Add	*13.11*	
		For Solid Steel Rails, Add	*26.23*	
		For 304 Stainless Steel, Add	*319.94*	
		For 316 Stainless Steel, Add	*359.93*	
		For 2" Wheel Guard, Add	*9.50*	
		For 4" High Kick Plate, Add	*12.50*	
		For 6" High Kick Plate, Add	*20.00*	
		For Curved Rail, Add	*69.33*	
		For Mounting On Stairs, Add	*39.34*	
		For Mounting On Slopes, Add	*13.11*	
		For Post Base Flange With Screws, Add Per Post	*20.62*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.17*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*57.78*	
		For Nylon Coating, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	152.43	15.57
		For Schedule 80 Handrail, Add	*19.10*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*57.67*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*42.51*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*27.33*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*68.51*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*50.50*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*32.47*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*90.02*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*66.35*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*42.65*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*89.85*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*66.38*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*102.72*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*74.65*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*129.67*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*91.97*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*131.76*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-30.32*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-40.02*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-47.30*	
		For ADA Handrail P-Loop End Return, Add Per Each	*175.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*26.16*	
		For Aluminum, Satin Finish, Add	*50.94*	
		For Aluminum, Clear Anodized Finish, Add	*78.83*	
		For Aluminum, Dark Anodized Finish, Add	*90.96*	
		For Galvanizing, Add	*48.51*	
		For Wrought Iron, Add	*15.24*	
		For Solid Steel Rails, Add	*30.49*	
		For 304 Stainless Steel, Add	*388.10*	
		For 316 Stainless Steel, Add	*436.61*	
		For 2" Wheel Guard, Add	*11.52*	
		For 4" High Kick Plate, Add	*15.16*	
		For 6" High Kick Plate, Add	*24.26*	
		For Curved Rail, Add	*82.11*	
		For Mounting On Stairs, Add	*45.73*	
		For Mounting On Slopes, Add	*15.24*	
		For Post Base Flange With Screws, Add Per Post	*20.62*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.17*	
		For Custom Design Or Shapes (Square Tops, etc.), Add	*68.43*	
		For Nylon Coating, Add	*18.19*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.42
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.37
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	17.22
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	29.11

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	15.12
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	15.64
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	16.74
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	33.59

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.82
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	13.94
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	18.31
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	27.29

05 52 13 00-0042 Railing Accessories *(05 52 13)*

05 52 13 00-0043	EA	Anti-Skateboard Devise Attached To Stair Railing	48.08	21.72

05 52 13 00-0044 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0045	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.91	6.67
		For Schedule 80 Handrail, Add	*2.73*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.56*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.34*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.67*	
		For Stainless Steel, Add	*44.46*	
		For Aluminum, Satin Finish, Add	*9.34*	
		For Curved Rail, Add	*11.67*	
		For Aluminum, Clear Anodized Finish, Add	*14.45*	
		For Aluminum, Dark Anodized Finish, Add	*16.67*	
		For Galvanized Finish, Add	*6.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0046	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	39.63	6.67
		For Schedule 80 Handrail, Add	*3.23*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.74*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.57*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.95*	
		For Stainless Steel, Add	*45.90*	
		For Aluminum, Satin Finish, Add	*9.64*	
		For Curved Rail, Add	*11.89*	
		For Aluminum, Clear Anodized Finish, Add	*14.92*	
		For Aluminum, Dark Anodized Finish, Add	*17.21*	
		For Galvanized Finish, Add	*6.89*	
05 52 13 00-0047	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.35	6.67
		For Schedule 80 Handrail, Add	*9.94*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.21*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.81*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.23*	
		For Stainless Steel, Add	*47.34*	
		For Aluminum, Satin Finish, Add	*9.94*	
		For Curved Rail, Add	*12.11*	
		For Aluminum, Clear Anodized Finish, Add	*15.39*	
		For Aluminum, Dark Anodized Finish, Add	*17.75*	
		For Galvanized Finish, Add	*7.10*	
05 52 13 00-0048	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	48.59	6.67
		For Schedule 80 Handrail, Add	*4.14*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.44*	
		For Stainless Steel, Add	*63.82*	
		For Aluminum, Satin Finish, Add	*13.40*	
		For Curved Rail, Add	*14.58*	
		For Aluminum, Clear Anodized Finish, Add	*20.74*	
		For Aluminum, Dark Anodized Finish, Add	*23.93*	
		For Galvanized Finish, Add	*9.57*	
05 52 13 00-0049	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	55.41	6.67
		For Schedule 80 Handrail, Add	*4.56*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.52*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.78*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.10*	
		For Stainless Steel, Add	*77.46*	
		For Aluminum, Satin Finish, Add	*16.27*	
		For Curved Rail, Add	*16.62*	
		For Aluminum, Clear Anodized Finish, Add	*25.17*	
		For Aluminum, Dark Anodized Finish, Add	*29.05*	
		For Galvanized Finish, Add	*11.62*	

05 52 13 00-0050 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0051	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	47.34	7.00
		For Schedule 80 Handrail, Add	*2.73*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.75*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.67*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.12*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.96*	
		For Stainless Steel, Add	*61.32*	
		For Aluminum, Satin Finish, Add	*12.88*	
		For Curved Rail, Add	*14.20*	
		For Aluminum, Clear Anodized Finish, Add	*19.93*	
		For Aluminum, Dark Anodized Finish, Add	*23.00*	
		For Galvanized Finish, Add	*9.20*	
05 52 13 00-0052	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	48.34	7.00
		For Schedule 80 Handrail, Add	*3.23*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.97*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.45*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.35*	
		For Stainless Steel, Add	*63.32*	
		For Aluminum, Satin Finish, Add	*13.30*	
		For Curved Rail, Add	*14.50*	
		For Aluminum, Clear Anodized Finish, Add	*20.58*	
		For Aluminum, Dark Anodized Finish, Add	*23.75*	
		For Galvanized Finish, Add	*9.50*	
05 52 13 00-0053	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	49.10	7.00
		For Schedule 80 Handrail, Add	*9.94*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.13*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.11*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.70*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.64*	
		For Stainless Steel, Add	*64.84*	
		For Aluminum, Satin Finish, Add	*13.62*	
		For Curved Rail, Add	*14.73*	
		For Aluminum, Clear Anodized Finish, Add	*21.07*	
		For Aluminum, Dark Anodized Finish, Add	*24.32*	
		For Galvanized Finish, Add	*9.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0054	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	60.61	7.00
		For Schedule 80 Handrail, Add	*4.14*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.66*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.50*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.13*	
		For Stainless Steel, Add	*87.86*	
		For Aluminum, Satin Finish, Add	*18.45*	
		For Curved Rail, Add	*18.18*	
		For Aluminum, Clear Anodized Finish, Add	*28.55*	
		For Aluminum, Dark Anodized Finish, Add	*32.95*	
		For Galvanized Finish, Add	*13.18*	
05 52 13 00-0055	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	68.14	7.00
		For Schedule 80 Handrail, Add	*4.56*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.32*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.07*	
		For Stainless Steel, Add	*102.92*	
		For Aluminum, Satin Finish, Add	*21.61*	
		For Curved Rail, Add	*20.44*	
		For Aluminum, Clear Anodized Finish, Add	*33.45*	
		For Aluminum, Dark Anodized Finish, Add	*38.60*	
		For Galvanized Finish, Add	*15.44*	

05 52 13 00-0056 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0057	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	25.03	
05 52 13 00-0058	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	33.09	
05 52 13 00-0059	EA	Install New Galvanized Steel Pipe Railing Bracket	67.27	
		For Stainless Steel, Add	*67.80*	

05 52 13 00-0060 Non-Welded Aluminum Railing *(05 52 13)*

05 52 13 00-0061 One Rail, Up To 43" High, Non-Welded Aluminum Pipe Railings *(05 52 13 00-0060)*

Note: Includes one rail.

05 52 13 00-0062	LF	1-1/2" Diameter, 43" High, Schedule 40, Non-Welded, Clear Anodized Finish, Aluminum Railing Assembly With One Horizontal Line	122.83	17.24
		Note: Includes railing, posts with reinforcement rod, #508 floor cover flanges, #540 side cover flange, #506 mitered elbows, #513 rail elbow and #530 rail end loops. Excludes concrete core drilling or partching.		

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	14.28	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.01*	
		For 304 Stainless Steel, Add	*37.97*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.45*	
		For Crossbars At 2" On-Center, Add	*1.28*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.94*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	19.18	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.84*	
		For 304 Stainless Steel, Add	*53.70*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.89*	
		For Crossbars At 2" On-Center, Add	*1.81*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.06*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	17.43	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*48.09*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.37*	
		For Crossbars At 2" On-Center, Add	*1.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	24.08	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.68*	
		For 304 Stainless Steel, Add	*69.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.32*	
		For Crossbars At 2" On-Center, Add	*2.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.18*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	30.72	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.81*	
		For 304 Stainless Steel, Add	*90.75*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.25*	
		For Crossbars At 2" On-Center, Add	*3.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.35*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	20.61	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.09*	
		For 304 Stainless Steel, Add	*58.29*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.30*	
		For Crossbars At 2" On-Center, Add	*1.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.10*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	28.69	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.46*	
		For 304 Stainless Steel, Add	*84.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.30*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	23.80	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*68.53*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.23*	
		For Crossbars At 2" On-Center, Add	*2.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.18*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	34.11	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.29*	
		For 304 Stainless Steel, Add	*99.86*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.08*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.79*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	44.22	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.01*	
		For 304 Stainless Steel, Add	*132.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.04*	
		For Crossbars At 2" On-Center, Add	*4.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.04*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	39.04	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.13*	
		For 304 Stainless Steel, Add	*115.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.52*	
		For Crossbars At 2" On-Center, Add	*3.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.91*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	43.66	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*130.52*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*11.87*	
		For Crossbars At 2" On-Center, Add	*4.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	48.56	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.75*	
		For 304 Stainless Steel, Add	*146.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.30*	
		For Crossbars At 2" On-Center, Add	*4.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.15*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	53.18	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.53*	
		For 304 Stainless Steel, Add	*161.08*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.65*	
		For Crossbars At 2" On-Center, Add	*5.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.26*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	27.12	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*46.16*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.20*	
		For Crossbars At 2" On-Center, Add	*2.66*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.26*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	33.42	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.42*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	29.81	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.49*	
		For 304 Stainless Steel, Add	*51.19*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.33*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	40.63	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.26*	
		For 304 Stainless Steel, Add	*71.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*55.36*	
		For Bearing Bars At 15/16" On-Center, Add	*11.15*	
		For Crossbars At 2" On-Center, Add	*4.12*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.60*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	33.42	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.42*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	45.63	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.08*	
		For 304 Stainless Steel, Add	*80.79*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.61*	
		For Crossbars At 2" On-Center, Add	*4.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	37.20	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.70*	
		For 304 Stainless Steel, Add	*65.02*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.15*	
		For Crossbars At 2" On-Center, Add	*3.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.51*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	51.43	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.94*	
		For 304 Stainless Steel, Add	*90.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*70.22*	
		For Bearing Bars At 15/16" On-Center, Add	*14.14*	
		For Crossbars At 2" On-Center, Add	*5.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.22*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	56.71	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.81*	
		For 304 Stainless Steel, Add	*100.49*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.68*	
		For Crossbars At 2" On-Center, Add	*5.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.35*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	61.02	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*9.52*	
		For 304 Stainless Steel, Add	*108.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.94*	
		For Crossbars At 2" On-Center, Add	*6.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.46*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	65.15	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.19*	
		For 304 Stainless Steel, Add	*116.28*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.15*	
		For Crossbars At 2" On-Center, Add	*6.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.56*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	68.72	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.78*	
		For 304 Stainless Steel, Add	*122.96*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.19*	
		For Crossbars At 2" On-Center, Add	*7.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.65*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.23	1.22
		For Bearing Bars At 15/16" On-Center, Add	*4.32*	
		For Crossbars At 2" On-Center, Add	*1.60*	
		For Set In Place Without Bolting, Deduct	*-2.01*	
		For Powder Coating, Add	*2.22*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.29	1.22
		For Bearing Bars At 15/16" On-Center, Add	*6.09*	
		For Crossbars At 2" On-Center, Add	*2.25*	
		For Set In Place Without Bolting, Deduct	*-2.16*	
		For Powder Coating, Add	*3.13*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	21.99	1.22
		For Bearing Bars At 15/16" On-Center, Add	*5.71*	
		For Crossbars At 2" On-Center, Add	*2.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.13*	
		For Powder Coating, Add	*2.93*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	29.83	1.22
		For Bearing Bars At 7/16" On-Center, Add	*39.70*	
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.33*	
		For Powder Coating, Add	*4.11*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.44	1.22
		For Bearing Bars At 15/16" On-Center, Add	*6.71*	
		For Crossbars At 2" On-Center, Add	*2.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.22*	
		For Powder Coating, Add	*3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	33.98	1.22
		For Bearing Bars At 15/16" On-Center, Add	*9.21*	
		For Crossbars At 2" On-Center, Add	*3.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.43*	
		For Powder Coating, Add	*4.73*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.68	1.22
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.30*	
		For Powder Coating, Add	*3.93*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	38.26	1.22
		For Bearing Bars At 7/16" On-Center, Add	*51.92*	
		For Bearing Bars At 15/16" On-Center, Add	*10.46*	
		For Crossbars At 2" On-Center, Add	*3.87*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.54*	
		For Powder Coating, Add	*5.37*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	42.36	1.22
		For Bearing Bars At 15/16" On-Center, Add	*11.65*	
		For Crossbars At 2" On-Center, Add	*4.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.64*	
		For Powder Coating, Add	*5.99*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	47.22	1.22
		For Bearing Bars At 15/16" On-Center, Add	*13.07*	
		For Crossbars At 2" On-Center, Add	*4.84*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.76*	
		For Powder Coating, Add	*6.72*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	51.04	1.22
		For Bearing Bars At 15/16" On-Center, Add	*14.19*	
		For Crossbars At 2" On-Center, Add	*5.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.86*	
		For Powder Coating, Add	*7.29*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.58	1.22
		For Bearing Bars At 15/16" On-Center, Add	*15.51*	
		For Crossbars At 2" On-Center, Add	*5.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.97*	
		For Powder Coating, Add	*7.97*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	44.48	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.87*	
		For 304 Stainless Steel, Add	*69.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*26.90*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.69*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	49.66	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.34*	
		For 304 Stainless Steel, Add	*78.27*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*30.21*	
		For Crossbars At 2" On-Center, Add	*3.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.82*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	54.26	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.72*	
		For 304 Stainless Steel, Add	*84.99*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*32.81*	
		For Crossbars At 2" On-Center, Add	*4.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	62.21	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.45*	
		For 304 Stainless Steel, Add	*98.17*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*37.89*	
		For Crossbars At 2" On-Center, Add	*4.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.49*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	70.19	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.18*	
		For 304 Stainless Steel, Add	*111.40*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*43.00*	
		For Crossbars At 2" On-Center, Add	*5.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.69*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	78.13	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*124.57*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*48.08*	
		For Crossbars At 2" On-Center, Add	*6.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.89*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	86.11	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.65*	
		For 304 Stainless Steel, Add	*137.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*53.19*	
		For Crossbars At 2" On-Center, Add	*6.65*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.09*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.32	1.22
		For Bearing Bars At 15/16" On-Center, Add	*11.44*	
		For Crossbars At 2" On-Center, Add	*1.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.09*	
		For Powder Coating, Add	*2.68*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	26.30	1.22
		For Bearing Bars At 15/16" On-Center, Add	*15.26*	
		For Crossbars At 2" On-Center, Add	*1.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.24*	
		For Powder Coating, Add	*3.58*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	23.01	1.22
		For Bearing Bars At 15/16" On-Center, Add	*13.16*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.16*	
		For Powder Coating, Add	*3.08*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	30.32	1.22
		For Bearing Bars At 15/16" On-Center, Add	*17.84*	
		For Crossbars At 2" On-Center, Add	*2.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.34*	
		For Powder Coating, Add	*4.18*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	26.19	1.22
		For Bearing Bars At 15/16" On-Center, Add	*15.19*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.24*	
		For Powder Coating, Add	*3.56*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	34.63	1.22
		For Bearing Bars At 15/16" On-Center, Add	*20.60*	
		For Crossbars At 2" On-Center, Add	*2.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.45*	
		For Powder Coating, Add	*4.83*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	39.59	1.22
		For Bearing Bars At 15/16" On-Center, Add	*23.77*	
		For Crossbars At 2" On-Center, Add	*2.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.57*	
		For Powder Coating, Add	*5.57*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	44.53	1.22
		For Bearing Bars At 15/16" On-Center, Add	*26.93*	
		For Crossbars At 2" On-Center, Add	*3.37*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.69*	
		For Powder Coating, Add	*6.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	49.49	1.22
		For Bearing Bars At 15/16" On-Center, Add	*30.11*	
		For Crossbars At 2" On-Center, Add	*3.76*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
		For Powder Coating, Add	*7.06*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	54.43	1.22
		For Bearing Bars At 15/16" On-Center, Add	*33.27*	
		For Crossbars At 2" On-Center, Add	*4.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.94*	
		For Powder Coating, Add	*7.80*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 Lb./SF, Steel, Riveted Grating	84.65	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.95*	
		For 304 Stainless Steel, Add	*70.61*	
		For 5/8" Clear Opening, Add	*28.36*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.70*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 Lb./SF, Steel, Riveted Grating	99.70	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.67*	
		For 304 Stainless Steel, Add	*83.54*	
		For 5/8" Clear Opening, Add	*33.55*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.07*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 Lb./SF, Steel, Riveted Grating	91.58	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*76.56*	
		For 5/8" Clear Opening, Add	*30.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.87*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 Lb./SF, Steel, Riveted Grating	105.43	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.94*	
		For 304 Stainless Steel, Add	*88.46*	
		For 5/8" Clear Opening, Add	*35.53*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.22*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 Lb./SF, Steel, Riveted Grating	97.32	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.55*	
		For 304 Stainless Steel, Add	*81.49*	
		For 5/8" Clear Opening, Add	*32.73*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.01*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 Lb./SF, Steel, Riveted Grating	116.11	1.22
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*97.63*	
		For 5/8" Clear Opening, Add	*39.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.48*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 Lb./SF, Steel, Riveted Grating	103.39	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.82*	
		For 304 Stainless Steel, Add	*86.24*	
		For 5/8" Clear Opening, Add	*34.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.52*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 Lb./SF, Steel, Riveted Grating	123.48	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.78*	
		For 304 Stainless Steel, Add	*103.49*	
		For 5/8" Clear Opening, Add	*41.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.02*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 Lb./SF, Steel, Riveted Grating	133.73	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.28*	
		For 304 Stainless Steel, Add	*112.30*	
		For 5/8" Clear Opening, Add	*45.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0075	SF	2" x 3/16", 17.0 Lb./SF, Steel, Riveted Grating	156.62	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.37*	
		For 304 Stainless Steel, Add	*131.96*	
		For 5/8" Clear Opening, Add	*53.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.85*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 Lb./SF, Steel, Riveted Grating	164.60	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.76*	
		For 304 Stainless Steel, Add	*138.81*	
		For 5/8" Clear Opening, Add	*55.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.05*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 Lb./SF, Steel, Riveted Grating	171.70	1.50
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.10*	
		For 304 Stainless Steel, Add	*144.91*	
		For 5/8" Clear Opening, Add	*58.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.23*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 Lb./SF, Aluminum, Riveted Grating	43.25	1.22
		For 5/8" Clear Opening, Add	*14.08*	
		For Powder Coating, Add	*6.12*	
		For Set In Place Without Bolting, Deduct	*-2.66*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 Lb./SF, Aluminum, Riveted Grating	51.32	1.22
		For 5/8" Clear Opening, Add	*16.86*	
		For Powder Coating, Add	*7.33*	
		For Set In Place Without Bolting, Deduct	*-2.86*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 Lb./SF, Aluminum, Riveted Grating	47.56	1.22
		For 5/8" Clear Opening, Add	*15.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.77*	
		For Set In Place Without Bolting, Deduct	*-2.77*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 Lb./SF, Aluminum, Riveted Grating	55.45	1.22
		For 5/8" Clear Opening, Add	*18.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.95*	
		For Set In Place Without Bolting, Deduct	*-2.97*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 Lb./SF, Aluminum, Riveted Grating	53.33	1.22
		For 5/8" Clear Opening, Add	*17.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.63*	
		For Set In Place Without Bolting, Deduct	*-2.91*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 Lb./SF, Aluminum, Riveted Grating	64.28	1.22
		For 5/8" Clear Opening, Add	*21.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*9.27*	
		For Set In Place Without Bolting, Deduct	*-3.19*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 Lb./SF, Aluminum, Riveted Grating	57.28	1.22
		For 5/8" Clear Opening, Add	*18.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.22*	
		For Set In Place Without Bolting, Deduct	*-3.01*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 Lb./SF, Aluminum, Riveted Grating	71.17	1.22
		For 5/8" Clear Opening, Add	*23.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.31*	
		For Set In Place Without Bolting, Deduct	*-3.36*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 Lb./SF, Aluminum, Riveted Grating	78.46	1.22
		For 5/8" Clear Opening, Add	*26.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.40*	
		For Set In Place Without Bolting, Deduct	*-3.54*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 Lb./SF, Aluminum, Riveted Grating	93.43	1.22
		For 5/8" Clear Opening, Add	*31.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*13.65*	
		For Set In Place Without Bolting, Deduct	*-3.92*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 Lb./SF, Aluminum, Riveted Grating	101.92	1.22
		For 5/8" Clear Opening, Add	*34.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*14.92*	
		For Set In Place Without Bolting, Deduct	*-4.13*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 Lb./SF, Aluminum, Riveted Grating	113.31	1.22
		For 5/8" Clear Opening, Add	*38.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*16.63*	
		For Set In Place Without Bolting, Deduct	*-4.41*	

05 53 16 Plank Gratings *(05 53)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 16 00-0001		**Grate-Lock Steel Plank Grating** *(05 53 16)* Note: Smooth or traction grip surface.		
05 53 16 00-0002	SF	1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	18.25	0.95
		For Stair Tread Application, Add	*2.11*	
05 53 16 00-0003	SF	2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	19.47	1.17
		For Stair Tread Application, Add	*2.30*	
05 53 16 00-0004	SF	3" Height, 18 Gauge Steel Grate-Lock Plank Grating	20.54	1.28
		For Stair Tread Application, Add	*2.44*	
05 53 16 00-0005	SF	4" Height, 18 Gauge Steel Grate-Lock Plank Grating	22.43	1.39
		For Stair Tread Application, Add	*2.66*	
05 53 16 00-0006	SF	1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	22.23	1.06
		For Stair Tread Application, Add	*2.54*	
05 53 16 00-0007	SF	2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	23.64	1.28
		For Stair Tread Application, Add	*2.75*	
05 53 16 00-0008	SF	1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	27.29	1.22
		For Stair Tread Application, Add	*3.10*	
05 53 16 00-0009	SF	2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	29.04	1.50
		For Stair Tread Application, Add	*3.35*	
05 53 16 00-0010	SF	3" Height, 14 Gauge Steel Grate-Lock Plank Grating	31.07	1.89
		For Stair Tread Application, Add	*3.67*	
05 53 16 00-0011	SF	4" Height, 14 Gauge Steel Grate-Lock Plank Grating	34.30	2.12
		For Stair Tread Application, Add	*4.06*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001		**Steel Floor Plates** *(05 54)*		
05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	17.93	1.45
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	20.49	1.45
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	25.64	1.45
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	34.28	1.55
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	43.50	1.67
05 54 00 00-0007		**Aluminum Alloy Floor Plates** *(05 54)*		
05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	31.05	1.22
		For Powder Coating, Add	*4.29*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	35.63	1.45
		For Powder Coating, Add	*4.93*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	40.23	1.55
		For Powder Coating, Add	*5.57*	
05 54 00 00-0011		**Type 304 Stainless Steel Floor Plates** *(05 54)*		
05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	39.24	1.67
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	46.91	1.89
05 54 00 00-0014	SF	1/4" Type 304 Stainless Steel Raised Or Diamond Pattern Steel Floor Plate	60.79	2.22

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001		**Abrasive Cast Aluminum Stair Treads** *(05 55 13)* Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	73.43	6.35
		For 3/8" Thick, Add	*15.82*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	81.03	6.35
		For 3/8" Thick, Add	*17.72*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	88.62	6.35
		For 3/8" Thick, Add	*19.62*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	96.25	6.35
		For 3/8" Thick, Add	*21.52*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	103.81	6.35
		For 3/8" Thick, Add	*23.41*	
05 55 13 00-0007		**Abrasive Cast Iron Stair Treads** *(05 55 13)* Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	102.92	6.35
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	114.19	6.35
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	125.48	6.35
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	136.74	6.35
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	148.03	6.35
05 55 13 00-0013		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads** *(05 55 13)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	37.86	6.35
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	44.75	6.35
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	47.79	6.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0017		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads** *(05 55 13)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	56.88	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	57.45	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	69.84	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	80.70	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	94.86	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0023		**Stair Landing Treads** *(05 55 13)*		
05 55 13 00-0024		**Abrasive Cast Aluminum Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	103.81	6.35
		For 3/8" Thick, Add	*23.41*	
05 55 13 00-0026		**Abrasive Cast Iron Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	148.03	6.35
05 55 13 00-0028		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	96.10	6.35
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
05 55 13 00-0030		**Open Cast Iron Stair Tread** *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	625.38	44.49
		For Closed Riser, Add	*53.46*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	703.24	51.17
		For Closed Riser, Add	*59.95*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	775.67	60.06
		For Closed Riser, Add	*66.04*	
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		**Abrasive Cast Aluminum Nosings** *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	30.51	4.33
		For 3/8" Thick, Add	*5.90*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	37.85	4.33
		For 3/8" Thick, Add	*7.73*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	54.21	4.33
		For 3/8" Thick, Add	*11.82*	
05 55 16 00-0005		**Abrasive Cast Iron Nosings** *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	35.87	4.33
		For 3/8" Thick, Add	*7.24*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	44.91	4.33
		For 3/8" Thick, Add	*9.50*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	62.78	4.33
		For 3/8" Thick, Add	*13.97*	
05 55 16 00-0009		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings** *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.54	4.33
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.08	4.33
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	31.78	4.33
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	40.17	4.33
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.49	4.33
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.51	4.33
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	32.50	4.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	30.68	4.33

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 Lb., Miscellaneous Castings, Light Section	4.99	0.56
05 56 00 00-0003	LB	>150 Lb., Miscellaneous Castings, Heavy Section	8.40	0.44

05 58 Formed Metal Fabrications *(05 50)*

05 58 13 Column Covers *(05 58)*

05 58 13 00-0001 Architectural Column Cover, Aluminum *(05 58 13)*

Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).

05 58 13 00-0002	LF	10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	39.40	
05 58 13 00-0003	LF	12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	46.63	
05 58 13 00-0004	LF	14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	55.50	
05 58 13 00-0005	LF	16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	62.71	
05 58 13 00-0006	LF	18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	70.61	
05 58 13 00-0007	LF	20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	78.41	
05 58 13 00-0008	LF	24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	91.77	
05 58 13 00-0009	LF	30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	110.83	
05 58 13 00-0010	LF	36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	120.74	
05 58 13 00-0011	LF	42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	130.65	
05 58 13 00-0012	LF	48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	146.07	
05 58 13 00-0013	LF	54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	168.05	

05 58 13 00-0014 Monolithic Column Cover, Aluminum *(05 58 13)*

Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).

05 58 13 00-0015	LF	7" Diameter Monolithic Column Cover, Aluminum, Factory	17.76	
05 58 13 00-0016	LF	8" Diameter Monolithic Column Cover, Aluminum, Factory	19.89	
05 58 13 00-0017	LF	9" Diameter Monolithic Column Cover, Aluminum, Factory	21.86	
05 58 13 00-0018	LF	10" Diameter Monolithic Column Cover, Aluminum, Factory	24.24	
05 58 13 00-0019	LF	12" Diameter Monolithic Column Cover, Aluminum, Factory Primed Note: Including Column Base And Top Collar	28.26	

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	116.71	6.65
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	115.28	6.65
05 58 16 00-0004	SF	Aluminum Drip Pan	80.83	5.33
05 58 16 00-0005	SF	Plastic Drip Pan	20.53	4.66

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	211.94	20.79
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	249.97	20.79
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	285.84	20.79
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	323.87	20.79
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	359.94	20.79
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	406.71	20.79
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	438.57	20.79
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	487.90	20.79
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	520.27	20.79
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	543.40	20.79

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	423.71	43.30
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	555.78	43.30
05 58 23 00-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*		
		Note: Steel King Steel Guard.		
05 58 23 00-0018		Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*		
		Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	234.86	20.79
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	260.14	20.79
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	291.70	20.79
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	321.19	20.79
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	355.32	20.79
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	371.76	20.79
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	411.33	20.79
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	444.73	20.79
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	480.19	20.79
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	516.16	20.79
05 58 23 00-0029		Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*		
		Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	348.64	20.79
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	376.39	20.79
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	405.16	20.79
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	438.57	20.79
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	471.97	20.79
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	499.21	20.79
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	530.55	20.79
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	566.01	20.79
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	604.04	20.79
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	637.44	20.79
05 58 23 00-0040		Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*		
		Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	371.09	43.30
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	478.18	43.30
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)*		
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	483.93	57.74
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	509.62	57.74
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	524.53	57.74
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	546.62	57.74
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	541.48	57.74
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	568.72	57.74
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	576.43	57.74
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	585.16	57.74
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	626.79	57.74
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	643.23	57.74
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	674.07	57.74
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	686.91	57.74
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	750.12	57.74
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)*		
		Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	298.39	43.30
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	349.16	43.30
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	402.91	43.30
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	417.61	43.30
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	451.53	43.30

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*		
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	5.94	1.08
		For Plastic Dipped, Add	*0.57*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.40	1.44
		For Plastic Dipped, Add	*0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	13.20	2.87
		For Plastic Dipped, Add	*1.12*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	21.14	4.85
		For Plastic Dipped, Add	*1.72*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	35.69	8.19
		For Plastic Dipped, Add	*2.90*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	50.09	11.49
		For Plastic Dipped, Add	*4.07*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	68.46	14.37
		For Plastic Dipped, Add	*5.96*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	99.23	19.15
		For Plastic Dipped, Add	*9.14*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	161.73	28.73
		For Plastic Dipped, Add	*15.64*	

05 59 65 00-0011 316L Stainless Steel Chain, Cut Length *(05 59 65)*

05 59 65 00-0012	CLF	1/8" Diameter 316L Stainless Steel Chain, Cut Length	2,815.24	95.74
05 59 65 00-0013	CLF	3/16" Diameter 316L Stainless Steel Chain, Cut Length	3,464.63	114.94
05 59 65 00-0014	CLF	9/32" Diameter 316L Stainless Steel Chain, Cut Length	4,343.05	143.68
05 59 65 00-0015	CLF	5/16" Diameter 316L Stainless Steel Chain, Cut Length	5,867.48	191.60
05 59 65 00-0016	CLF	3/8" Diameter 316L Stainless Steel Chain, Cut Length	6,668.41	287.34
05 59 65 00-0017	CLF	1/2" Diameter 316L Stainless Steel Chain, Cut Length	10,059.47	478.94

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 Lb./SF, Woven And Welded Wire Cloth Panels	9.98	3.07
		For Up To 2, Add	*2.81*	
		For >2 To 6, Add	*1.61*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.88*	
		For Galvanized, Add	*2.59*	
		For Aluminum, Add	*3.53*	
		For 304 Stainless Steel, Add	*14.14*	
		For 316 Stainless Steel, Add	*16.20*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 Lb./SF, Woven And Welded Wire Cloth Panels	10.74	3.19
		For Up To 2, Add	*3.00*	
		For >2 To 6, Add	*1.71*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.88*	
		For 304 Stainless Steel, Add	*15.53*	
		For 316 Stainless Steel, Add	*17.79*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 Lb./SF, Woven And Welded Wire Cloth Panels	11.41	3.54
		For Up To 2, Add	*3.23*	
		For >2 To 6, Add	*1.85*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*2.94*	
		For Aluminum, Add	*4.01*	
		For 304 Stainless Steel, Add	*16.06*	
		For 316 Stainless Steel, Add	*18.40*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 Lb./SF, Woven And Welded Wire Cloth Panels	12.04	3.69
		For Up To 2, Add	*3.39*	
		For >2 To 6, Add	*1.94*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.13*	
		For Aluminum, Add	*4.27*	
		For 304 Stainless Steel, Add	*17.09*	
		For 316 Stainless Steel, Add	*19.58*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 Lb./SF, Woven And Welded Wire Cloth Panels	13.16	4.13
		For Up To 2, Add	*3.74*	
		For >2 To 6, Add	*2.14*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.36*	
		For Aluminum, Add	*4.58*	
		For 304 Stainless Steel, Add	*18.34*	
		For 316 Stainless Steel, Add	*21.01*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 Lb./SF, Woven And Welded Wire Cloth Panels	15.12	4.61
		For Up To 2, Add	*4.25*	
		For >2 To 6, Add	*2.43*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.35*	
		For Galvanized, Add	*3.95*	
		For Aluminum, Add	*5.38*	
		For 304 Stainless Steel, Add	*21.53*	
		For 316 Stainless Steel, Add	*24.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 Lb./SF, Woven And Welded Wire Cloth Panels	17.15	5.07
		For Up To 2, Add	*4.78*	
		For >2 To 6, Add	*2.73*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.56*	
		For Galvanized, Add	*4.57*	
		For Aluminum, Add	*6.23*	
		For 304 Stainless Steel, Add	*24.94*	
		For 316 Stainless Steel, Add	*28.57*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	19.64	5.63
		For Up To 2, Add	*5.43*	
		For >2 To 6, Add	*3.09*	
		For >15 To 40, Deduct	*-0.61*	
		For >40, Deduct	*-1.82*	
		For Galvanized, Add	*5.34*	
		For Aluminum, Add	*7.28*	
		For 304 Stainless Steel, Add	*29.11*	
		For 316 Stainless Steel, Add	*33.36*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 Lb./SF, Woven And Welded Wire Cloth Panels	10.48	3.25
		For Up To 2, Add	*2.96*	
		For >2 To 6, Add	*1.70*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.92*	
		For Galvanized, Add	*2.70*	
		For Aluminum, Add	*3.68*	
		For 304 Stainless Steel, Add	*14.74*	
		For 316 Stainless Steel, Add	*16.89*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 Lb./SF, Woven And Welded Wire Cloth Panels	11.53	3.43
		For Up To 2, Add	*3.22*	
		For >2 To 6, Add	*1.84*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.04*	
		For Galvanized, Add	*3.06*	
		For Aluminum, Add	*4.17*	
		For 304 Stainless Steel, Add	*16.68*	
		For 316 Stainless Steel, Add	*19.11*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 Lb./SF, Woven And Welded Wire Cloth Panels	12.38	3.84
		For Up To 2, Add	*3.50*	
		For >2 To 6, Add	*2.01*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.09*	
		For Galvanized, Add	*3.19*	
		For Aluminum, Add	*4.36*	
		For 304 Stainless Steel, Add	*17.42*	
		For 316 Stainless Steel, Add	*19.97*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 Lb./SF, Woven And Welded Wire Cloth Panels	12.94	3.96
		For Up To 2, Add	*3.65*	
		For >2 To 6, Add	*2.09*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.37*	
		For Aluminum, Add	*4.59*	
		For 304 Stainless Steel, Add	*18.36*	
		For 316 Stainless Steel, Add	*21.04*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	14.16	4.45
		For Up To 2, Add	*4.02*	
		For >2 To 6, Add	*2.31*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.94*	
		For 304 Stainless Steel, Add	*19.75*	
		For 316 Stainless Steel, Add	*22.63*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 Lb./SF, Woven And Welded Wire Cloth Panels	16.27	4.96
		For Up To 2, Add	*4.58*	
		For >2 To 6, Add	*2.62*	
		For >15 To 40, Deduct	*-0.48*	
		For >40, Deduct	*-1.45*	
		For Galvanized, Add	*4.25*	
		For Aluminum, Add	*5.79*	
		For 304 Stainless Steel, Add	*23.16*	
		For 316 Stainless Steel, Add	*26.54*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 Lb./SF, Woven And Welded Wire Cloth Panels	18.43	5.45
		For Up To 2, Add	*5.14*	
		For >2 To 6, Add	*2.93*	
		For >15 To 40, Deduct	*-0.56*	
		For >40, Deduct	*-1.67*	
		For Galvanized, Add	*4.91*	
		For Aluminum, Add	*6.70*	
		For 304 Stainless Steel, Add	*26.78*	
		For 316 Stainless Steel, Add	*30.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	21.15	6.05
		For Up To 2, Add	*5.85*	
		For >2 To 6, Add	*3.33*	
		For >15 To 40, Deduct	*-0.65*	
		For >40, Deduct	*-1.96*	
		For Galvanized, Add	*5.75*	
		For Aluminum, Add	*7.84*	
		For 304 Stainless Steel, Add	*31.34*	
		For 316 Stainless Steel, Add	*35.92*	

05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 Lb./SF, Woven And Welded Wire Cloth Panels	11.60	3.61
		For Up To 2, Add	*3.28*	
		For >2 To 6, Add	*1.88*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.02*	
		For Galvanized, Add	*2.99*	
		For Aluminum, Add	*4.08*	
		For 304 Stainless Steel, Add	*16.32*	
		For 316 Stainless Steel, Add	*18.70*	
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 Lb./SF, Woven And Welded Wire Cloth Panels	12.73	3.79
		For Up To 2, Add	*3.56*	
		For >2 To 6, Add	*2.03*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.38*	
		For Aluminum, Add	*4.61*	
		For 304 Stainless Steel, Add	*18.43*	
		For 316 Stainless Steel, Add	*21.12*	
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	13.55	4.20
		For Up To 2, Add	*3.83*	
		For >2 To 6, Add	*2.20*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.49*	
		For Aluminum, Add	*4.76*	
		For 304 Stainless Steel, Add	*19.06*	
		For 316 Stainless Steel, Add	*21.84*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 Lb./SF, Woven And Welded Wire Cloth Panels	14.28	4.38
		For Up To 2, Add	*4.02*	
		For >2 To 6, Add	*2.30*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.71*	
		For Aluminum, Add	*5.06*	
		For 304 Stainless Steel, Add	*20.26*	
		For 316 Stainless Steel, Add	*23.21*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	15.57	4.89
		For Up To 2, Add	*4.42*	
		For >2 To 6, Add	*2.54*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.36*	
		For Galvanized, Add	*3.98*	
		For Aluminum, Add	*5.42*	
		For 304 Stainless Steel, Add	*21.70*	
		For 316 Stainless Steel, Add	*24.86*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 Lb./SF, Woven And Welded Wire Cloth Panels	17.78	5.43
		For Up To 2, Add	*5.00*	
		For >2 To 6, Add	*2.86*	
		For >15 To 40, Deduct	*-0.53*	
		For >40, Deduct	*-1.58*	
		For Galvanized, Add	*4.64*	
		For Aluminum, Add	*6.33*	
		For 304 Stainless Steel, Add	*25.32*	
		For 316 Stainless Steel, Add	*29.01*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 Lb./SF, Woven And Welded Wire Cloth Panels	20.15	5.96
		For Up To 2, Add	*5.62*	
		For >2 To 6, Add	*3.21*	
		For >15 To 40, Deduct	*-0.61*	
		For >40, Deduct	*-1.83*	
		For Galvanized, Add	*5.37*	
		For Aluminum, Add	*7.33*	
		For 304 Stainless Steel, Add	*29.30*	
		For 316 Stainless Steel, Add	*33.58*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 Lb./SF, Woven And Welded Wire Cloth Panels	23.04	6.61
		For Up To 2, Add	*6.37*	
		For >2 To 6, Add	*3.62*	
		For >15 To 40, Deduct	*-0.71*	
		For >40, Deduct	*-2.14*	
		For Galvanized, Add	*6.27*	
		For Aluminum, Add	*8.54*	
		For 304 Stainless Steel, Add	*34.18*	
		For 316 Stainless Steel, Add	*39.16*	

05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 Lb./SF, Woven And Welded Wire Cloth Panels	11.87	3.90
		For Up To 2, Add	*3.42*	
		For >2 To 6, Add	*1.97*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*4.00*	
		For 304 Stainless Steel, Add	*15.98*	
		For 316 Stainless Steel, Add	*18.32*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 Lb./SF, Woven And Welded Wire Cloth Panels	12.83	4.09
		For Up To 2, Add	*3.66*	
		For >2 To 6, Add	*2.10*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.24*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*17.69*	
		For 316 Stainless Steel, Add	*20.27*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	13.94	4.27
		For Up To 2, Add	*3.93*	
		For >2 To 6, Add	*2.25*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.24*	
		For Galvanized, Add	*3.63*	
		For Aluminum, Add	*4.95*	
		For 304 Stainless Steel, Add	*19.80*	
		For 316 Stainless Steel, Add	*22.69*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 Lb./SF, Woven And Welded Wire Cloth Panels	14.36	4.35
		For Up To 2, Add	*4.03*	
		For >2 To 6, Add	*2.30*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.29*	
		For Galvanized, Add	*3.77*	
		For Aluminum, Add	*5.14*	
		For 304 Stainless Steel, Add	*20.57*	
		For 316 Stainless Steel, Add	*23.57*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	15.57	4.91
		For Up To 2, Add	*4.42*	
		For >2 To 6, Add	*2.54*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.35*	
		For Galvanized, Add	*3.97*	
		For Aluminum, Add	*5.42*	
		For 304 Stainless Steel, Add	*21.67*	
		For 316 Stainless Steel, Add	*24.83*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 Lb./SF, Woven And Welded Wire Cloth Panels	17.55	5.52
		For Up To 2, Add	*4.98*	
		For >2 To 6, Add	*2.86*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.53*	
		For Galvanized, Add	*4.48*	
		For Aluminum, Add	*6.11*	
		For 304 Stainless Steel, Add	*24.46*	
		For 316 Stainless Steel, Add	*28.02*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	19.96	6.09
		For Up To 2, Add	*5.62*	
		For >2 To 6, Add	*3.21*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.78*	
		For Galvanized, Add	*5.21*	
		For Aluminum, Add	*7.10*	
		For 304 Stainless Steel, Add	*28.42*	
		For 316 Stainless Steel, Add	*32.56*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 Lb./SF, Woven And Welded Wire Cloth Panels	22.51	6.66
		For Up To 2, Add	*6.28*	
		For >2 To 6, Add	*3.58*	
		For >15 To 40, Deduct	*-0.68*	
		For >40, Deduct	*-2.05*	
		For Galvanized, Add	*6.00*	
		For Aluminum, Add	*8.18*	
		For 304 Stainless Steel, Add	*32.74*	
		For 316 Stainless Steel, Add	*37.51*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	25.79	7.39
		For Up To 2, Add	*7.13*	
		For >2 To 6, Add	*4.06*	
		For >15 To 40, Deduct	*-0.80*	
		For >40, Deduct	*-2.39*	
		For Galvanized, Add	*7.01*	
		For Aluminum, Add	*9.56*	
		For 304 Stainless Steel, Add	*38.26*	
		For 316 Stainless Steel, Add	*43.84*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 Lb./SF, Woven And Welded Wire Cloth Panels	13.54	4.58
		For Up To 2, Add	*3.93*	
		For >2 To 6, Add	*2.27*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.28*	
		For Aluminum, Add	*4.47*	
		For 304 Stainless Steel, Add	*17.88*	
		For 316 Stainless Steel, Add	*20.49*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	14.53	4.76
		For Up To 2, Add	*4.18*	
		For >2 To 6, Add	*2.41*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.60*	
		For Aluminum, Add	*4.91*	
		For 304 Stainless Steel, Add	*19.63*	
		For 316 Stainless Steel, Add	*22.50*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	15.12	4.96
		For Up To 2, Add	*4.35*	
		For >2 To 6, Add	*2.51*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*5.09*	
		For 304 Stainless Steel, Add	*20.38*	
		For 316 Stainless Steel, Add	*23.35*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 Lb./SF, Woven And Welded Wire Cloth Panels	16.21	5.03
		For Up To 2, Add	*4.59*	
		For >2 To 6, Add	*2.63*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.42*	
		For Galvanized, Add	*4.18*	
		For Aluminum, Add	*5.69*	
		For 304 Stainless Steel, Add	*22.78*	
		For 316 Stainless Steel, Add	*26.10*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	18.04	5.68
		For Up To 2, Add	*5.12*	
		For >2 To 6, Add	*2.94*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.57*	
		For Galvanized, Add	*4.60*	
		For Aluminum, Add	*6.28*	
		For 304 Stainless Steel, Add	*25.10*	
		For 316 Stainless Steel, Add	*28.77*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 Lb./SF, Woven And Welded Wire Cloth Panels	20.24	6.36
		For Up To 2, Add	*5.74*	
		For >2 To 6, Add	*3.30*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.76*	
		For Galvanized, Add	*5.17*	
		For Aluminum, Add	*7.06*	
		For 304 Stainless Steel, Add	*28.22*	
		For 316 Stainless Steel, Add	*32.34*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 Lb./SF, Woven And Welded Wire Cloth Panels	23.15	7.06
		For Up To 2, Add	*6.51*	
		For >2 To 6, Add	*3.73*	
		For >15 To 40, Deduct	*-0.69*	
		For >40, Deduct	*-2.06*	
		For Galvanized, Add	*6.05*	
		For Aluminum, Add	*8.24*	
		For 304 Stainless Steel, Add	*32.98*	
		For 316 Stainless Steel, Add	*37.79*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 Lb./SF, Woven And Welded Wire Cloth Panels	26.07	7.71
		For Up To 2, Add	*7.27*	
		For >2 To 6, Add	*4.15*	
		For >15 To 40, Deduct	*-0.79*	
		For >40, Deduct	*-2.37*	
		For Galvanized, Add	*6.95*	
		For Aluminum, Add	*9.47*	
		For 304 Stainless Steel, Add	*37.90*	
		For 316 Stainless Steel, Add	*43.42*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 Lb./SF, Woven And Welded Wire Cloth Panels	29.76	8.53
		For Up To 2, Add	*8.23*	
		For >2 To 6, Add	*4.68*	
		For >15 To 40, Deduct	*-0.92*	
		For >40, Deduct	*-2.76*	
		For Galvanized, Add	*8.09*	
		For Aluminum, Add	*11.03*	
		For 304 Stainless Steel, Add	*44.14*	
		For 316 Stainless Steel, Add	*50.57*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	13.71	4.57
		For Up To 2, Add	*3.96*	
		For >2 To 6, Add	*2.28*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.14*	
		For Galvanized, Add	*3.36*	
		For Aluminum, Add	*4.58*	
		For 304 Stainless Steel, Add	*18.31*	
		For 316 Stainless Steel, Add	*20.98*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 Lb./SF, Woven And Welded Wire Cloth Panels	15.30	5.11
		For Up To 2, Add	*4.42*	
		For >2 To 6, Add	*2.55*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*5.09*	
		For 304 Stainless Steel, Add	*20.38*	
		For 316 Stainless Steel, Add	*23.35*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 Lb./SF, Woven And Welded Wire Cloth Panels	16.94	5.78
		For Up To 2, Add	*4.93*	
		For >2 To 6, Add	*2.85*	
		For >15 To 40, Deduct	*-0.46*	
		For >40, Deduct	*-1.39*	
		For Galvanized, Add	*4.07*	
		For Aluminum, Add	*5.54*	
		For 304 Stainless Steel, Add	*22.18*	
		For 316 Stainless Steel, Add	*25.41*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 Lb./SF, Woven And Welded Wire Cloth Panels	18.32	6.17
		For Up To 2, Add	*5.31*	
		For >2 To 6, Add	*3.07*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.52*	
		For Galvanized, Add	*4.44*	
		For Aluminum, Add	*6.06*	
		For 304 Stainless Steel, Add	*24.24*	
		For 316 Stainless Steel, Add	*27.78*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 Lb./SF, Woven And Welded Wire Cloth Panels	21.20	6.93
		For Up To 2, Add	*6.09*	
		For >2 To 6, Add	*3.51*	
		For >15 To 40, Deduct	*-0.60*	
		For >40, Deduct	*-1.79*	
		For Galvanized, Add	*5.26*	
		For Aluminum, Add	*7.18*	
		For 304 Stainless Steel, Add	*28.70*	
		For 316 Stainless Steel, Add	*32.89*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 Lb./SF, Woven And Welded Wire Cloth Panels	24.40	7.75
		For Up To 2, Add	*6.95*	
		For >2 To 6, Add	*3.99*	
		For >15 To 40, Deduct	*-0.70*	
		For >40, Deduct	*-2.11*	
		For Galvanized, Add	*6.19*	
		For Aluminum, Add	*8.44*	
		For 304 Stainless Steel, Add	*33.77*	
		For 316 Stainless Steel, Add	*38.69*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 Lb./SF, Woven And Welded Wire Cloth Panels	27.79	8.56
		For Up To 2, Add	*7.84*	
		For >2 To 6, Add	*4.49*	
		For >15 To 40, Deduct	*-0.82*	
		For >40, Deduct	*-2.46*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*9.82*	
		For 304 Stainless Steel, Add	*39.29*	
		For 316 Stainless Steel, Add	*45.02*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 Lb./SF, Woven And Welded Wire Cloth Panels	31.15	9.31
		For Up To 2, Add	*8.71*	
		For >2 To 6, Add	*4.98*	
		For >15 To 40, Deduct	*-0.94*	
		For >40, Deduct	*-2.81*	
		For Galvanized, Add	*8.25*	
		For Aluminum, Add	*11.24*	
		For 304 Stainless Steel, Add	*44.98*	
		For 316 Stainless Steel, Add	*51.54*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 Lb./SF, Woven And Welded Wire Cloth Panels	35.54	10.30
		For Up To 2, Add	*9.85*	
		For >2 To 6, Add	*5.61*	
		For >15 To 40, Deduct	*-1.09*	
		For >40, Deduct	*-3.27*	
		For Galvanized, Add	*9.60*	
		For Aluminum, Add	*13.09*	
		For 304 Stainless Steel, Add	*52.34*	
		For 316 Stainless Steel, Add	*59.98*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 Lb./SF, Woven And Welded Wire Cloth Panels	14.32	4.88
		For Up To 2, Add	*4.17*	
		For >2 To 6, Add	*2.41*	
		For >15 To 40, Deduct	*-0.39*	
		For >40, Deduct	*-1.17*	
		For Galvanized, Add	*3.44*	
		For Aluminum, Add	*4.69*	
		For 304 Stainless Steel, Add	*18.74*	
		For 316 Stainless Steel, Add	*21.48*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 Lb./SF, Woven And Welded Wire Cloth Panels	16.74	5.93
		For Up To 2, Add	*4.93*	
		For >2 To 6, Add	*2.86*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.32*	
		For Galvanized, Add	*3.88*	
		For Aluminum, Add	*5.29*	
		For 304 Stainless Steel, Add	*21.17*	
		For 316 Stainless Steel, Add	*24.26*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 Lb./SF, Woven And Welded Wire Cloth Panels	20.24	7.02
		For Up To 2, Add	*5.92*	
		For >2 To 6, Add	*3.43*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.63*	
		For Galvanized, Add	*4.79*	
		For Aluminum, Add	*6.53*	
		For 304 Stainless Steel, Add	*26.11*	
		For 316 Stainless Steel, Add	*29.92*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	23.36	7.87
		For Up To 2, Add	*6.77*	
		For >2 To 6, Add	*3.91*	
		For >15 To 40, Deduct	*-0.64*	
		For >40, Deduct	*-1.93*	
		For Galvanized, Add	*5.65*	
		For Aluminum, Add	*7.71*	
		For 304 Stainless Steel, Add	*30.84*	
		For 316 Stainless Steel, Add	*35.34*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 Lb./SF, Woven And Welded Wire Cloth Panels	26.83	8.79
		For Up To 2, Add	*7.71*	
		For >2 To 6, Add	*4.44*	
		For >15 To 40, Deduct	*-0.76*	
		For >40, Deduct	*-2.27*	
		For Galvanized, Add	*6.65*	
		For Aluminum, Add	*9.07*	
		For 304 Stainless Steel, Add	*36.26*	
		For 316 Stainless Steel, Add	*41.55*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 Lb./SF, Woven And Welded Wire Cloth Panels	30.78	9.79
		For Up To 2, Add	*8.77*	
		For >2 To 6, Add	*5.04*	
		For >15 To 40, Deduct	*-0.89*	
		For >40, Deduct	*-2.66*	
		For Galvanized, Add	*7.79*	
		For Aluminum, Add	*10.63*	
		For 304 Stainless Steel, Add	*42.50*	
		For 316 Stainless Steel, Add	*48.70*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 Lb./SF, Woven And Welded Wire Cloth Panels	34.85	10.77
		For Up To 2, Add	*9.84*	
		For >2 To 6, Add	*5.64*	
		For >15 To 40, Deduct	*-1.02*	
		For >40, Deduct	*-3.07*	
		For Galvanized, Add	*9.02*	
		For Aluminum, Add	*12.29*	
		For 304 Stainless Steel, Add	*49.18*	
		For 316 Stainless Steel, Add	*56.35*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 Lb./SF, Woven And Welded Wire Cloth Panels	38.96	11.68
		For Up To 2, Add	*10.91*	
		For >2 To 6, Add	*6.23*	
		For >15 To 40, Deduct	*-1.17*	
		For >40, Deduct	*-3.51*	
		For Galvanized, Add	*10.29*	
		For Aluminum, Add	*14.03*	
		For 304 Stainless Steel, Add	*56.14*	
		For 316 Stainless Steel, Add	*64.32*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 Lb./SF, Woven And Welded Wire Cloth Panels	40.52	12.86
		For Up To 2, Add	*11.53*	
		For >2 To 6, Add	*6.62*	
		For >15 To 40, Deduct	*-1.17*	
		For >40, Deduct	*-3.51*	
		For Galvanized, Add	*10.29*	
		For Aluminum, Add	*14.03*	
		For 304 Stainless Steel, Add	*56.14*	
		For 316 Stainless Steel, Add	*64.32*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*
Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*
Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 Lb./SF	10.18	4.20
		For Galvanized, Add	*2.01*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*10.97*	
		For 316 Stainless Steel, Add	*12.57*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 Lb./SF	12.61	4.61
		For Galvanized, Add	*2.84*	
		For Aluminum, Add	*3.88*	
		For 304 Stainless Steel, Add	*15.50*	
		For 316 Stainless Steel, Add	*17.77*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 Lb./SF	7.41	3.25
		For Galvanized, Add	*1.35*	
		For Aluminum, Add	*1.84*	
		For 304 Stainless Steel, Add	*7.37*	
		For 316 Stainless Steel, Add	*8.44*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 Lb./SF	8.08	3.54
		For Galvanized, Add	*1.48*	
		For Aluminum, Add	*2.02*	
		For 304 Stainless Steel, Add	*8.06*	
		For 316 Stainless Steel, Add	*9.24*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 Lb./SF	9.20	4.20
		For Galvanized, Add	*1.58*	
		For Aluminum, Add	*2.15*	
		For 304 Stainless Steel, Add	*8.62*	
		For 316 Stainless Steel, Add	*9.87*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 Lb./SF	11.79	5.43
		For Galvanized, Add	*2.01*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*10.94*	
		For 316 Stainless Steel, Add	*12.54*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 Lb./SF	6.56	3.19
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*5.50*	
		For 316 Stainless Steel, Add	*6.30*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 Lb./SF	7.31	3.43
		For Galvanized, Add	*1.20*	
		For Aluminum, Add	*1.64*	
		For 304 Stainless Steel, Add	*6.55*	
		For 316 Stainless Steel, Add	*7.51*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 Lb./SF	8.31	3.84
		For Galvanized, Add	*1.40*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*7.66*	
		For 316 Stainless Steel, Add	*8.77*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 Lb./SF	13.19	6.36
		For Galvanized, Add	*2.07*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 Lb./SF	7.43	3.90
		For Galvanized, Add	*0.98*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*5.33*	
		For 316 Stainless Steel, Add	*6.11*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 Lb./SF	6.32	3.07
		For Galvanized, Add	*0.98*	
		For Aluminum, Add	*1.34*	
		For 304 Stainless Steel, Add	*5.35*	
		For 316 Stainless Steel, Add	*6.13*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 Lb./SF	7.31	3.61
		For Galvanized, Add	*1.10*	
		For Aluminum, Add	*1.51*	
		For 304 Stainless Steel, Add	*6.02*	
		For 316 Stainless Steel, Add	*6.90*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 Lb./SF	11.14	4.88
		For Galvanized, Add	*2.04*	
		For Aluminum, Add	*2.78*	
		For 304 Stainless Steel, Add	*11.11*	
		For 316 Stainless Steel, Add	*12.73*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	416.44	55.61
		For Galvanized, Add	*213.65*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	473.69	61.17
		For Galvanized, Add	*245.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	523.86	66.73
		For Galvanized, Add	*273.27*	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	561.60	72.30
		For Galvanized, Add	*291.91*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	76.85	12.24
		For Rake Or Angle Railings, Add	*10.69*	
		For Curved Railings, Add	*20.35*	
		For 4" On Center Standards, Add	*2.07*	
		For 4-1/2" On Center Standards, Add	*1.65*	
		For 5" On Center Standards, Add	*1.10*	
		For 5-1/2" On Center Standards, Add	*0.55*	
		For Each Field Bending Of Rails, Add	*14.82*	
		For Galvanized, Add	*3.86*	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	182.77	16.68
		For Rake Or Angle Railings, Add	*19.79*	
		For Curved Railings, Add	*64.21*	
		For 4" On Center Standards, Add	*8.62*	
		For 4-1/2" On Center Standards, Add	*6.90*	
		For 5" On Center Standards, Add	*4.60*	
		For 5-1/2" On Center Standards, Add	*2.30*	
		For Each Field Bending Of Rails, Add	*19.45*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	192.86	27.80
		For Rake Or Angle Railings, Add	*23.89*	
		For Curved Railings, Add	*59.32*	
		For 4" On Center Standards, Add	*7.12*	
		For 4-1/2" On Center Standards, Add	*5.70*	
		For 5" On Center Standards, Add	*3.80*	
		For 5-1/2" On Center Standards, Add	*1.90*	
		For Each Field Bending Of Rails, Add	*26.97*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	296.40	22.24
		For Rake Or Angle Railings, Add	*29.86*	
		For Curved Railings, Add	*110.40*	
		For 4" On Center Standards, Add	*15.46*	
		For 4-1/2" On Center Standards, Add	*12.36*	
		For 5" On Center Standards, Add	*8.24*	
		For 5-1/2" On Center Standards, Add	*4.12*	
		For Each Field Bending Of Rails, Add	*25.08*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	417.30	33.92
		For Rake Or Angle Railings, Add	*35.28*	
		For Curved Railings, Add	*174.42*	
		For 4" On Center Standards, Add	*26.21*	
		For 4-1/2" On Center Standards, Add	*20.97*	
		For 5" On Center Standards, Add	*13.98*	
		For 5-1/2" On Center Standards, Add	*6.99*	
		For Each Field Bending Of Rails, Add	*19.46*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	178.01	5.56
		For Rake Or Angle Railings, Add	*14.00*	
		For Curved Railings, Add	*77.34*	
		For 4" On Center Standards, Add	*11.87*	
		For 4-1/2" On Center Standards, Add	*9.49*	
		For 5" On Center Standards, Add	*6.33*	
		For 5-1/2" On Center Standards, Add	*3.16*	
		For Each Field Bending Of Rails, Add	*7.44*	
		For Exterior Post-Installed Anchors, Add	*10.68*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	61.68	12.41
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	124.60	44.15
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	55.99	22.13
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	93.87	44.15
05 73 23 00-0014	LF	2" Stainless Steel Handrail	73.25	15.51

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0382 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	11.71	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	11.66	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	102.32	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	27.28	2.26
		For >16 To 200, Deduct	*-1.53*	
		For >200 To 500, Deduct	*-3.07*	
		For >500, Deduct	*-4.43*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	34.12	2.52
		For >16 To 200, Deduct	*-1.89*	
		For >200 To 500, Deduct	*-3.79*	
		For >500, Deduct	*-5.50*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	37.35	2.71
		For >16 To 200, Deduct	*-2.07*	
		For >200 To 500, Deduct	*-4.14*	
		For >500, Deduct	*-6.01*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	40.35	2.85
		For >16 To 200, Deduct	*-2.23*	
		For >200 To 500, Deduct	*-4.46*	
		For >500, Deduct	*-6.48*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	46.04	2.98
		For >16 To 200, Deduct	*-2.53*	
		For >200 To 500, Deduct	*-5.05*	
		For >500, Deduct	*-7.35*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	58.44	3.12
		For >16 To 200, Deduct	*-3.16*	
		For >200 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-9.23*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	68.55	3.26
		For >16 To 200, Deduct	*-3.67*	
		For >200 To 500, Deduct	*-7.34*	
		For >500, Deduct	*-10.77*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	83.06	3.52
		For >16 To 200, Deduct	*-4.42*	
		For >200 To 500, Deduct	*-8.84*	
		For >500, Deduct	*-12.99*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	102.12	3.80
		For >16 To 200, Deduct	*-5.39*	
		For >200 To 500, Deduct	*-10.78*	
		For >500, Deduct	*-15.89*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	150.19	4.07
		For >16 To 200, Deduct	*-7.82*	
		For >200 To 500, Deduct	*-15.63*	
		For >500, Deduct	*-23.14*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.52	2.49
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.55*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.37	2.68
		For >16 To 200, Deduct	*-1.02*	
		For >200 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.86*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.79	2.82
		For >16 To 200, Deduct	*-1.10*	
		For >200 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-3.09*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	20.71	2.94
		For >16 To 200, Deduct	*-1.26*	
		For >200 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.55*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	23.56	3.08
		For >16 To 200, Deduct	*-1.41*	
		For >200 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-4.00*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	27.11	3.21
		For >16 To 200, Deduct	*-1.60*	
		For >200 To 500, Deduct	*-3.19*	
		For >500, Deduct	*-4.55*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	38.70	3.75
		For >16 To 200, Deduct	*-2.22*	
		For >200 To 500, Deduct	*-4.43*	
		For >500, Deduct	*-6.37*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	51.94	3.98
		For >16 To 200, Deduct	*-2.90*	
		For >200 To 500, Deduct	*-5.79*	
		For >500, Deduct	*-8.39*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	70.87	4.83
		For >16 To 200, Deduct	*-3.91*	
		For >200 To 500, Deduct	*-7.81*	
		For >500, Deduct	*-11.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	117.41	5.17
		For >16 To 200, Deduct	*-6.26*	
		For >200 To 500, Deduct	*-12.52*	
		For >500, Deduct	*-18.39*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	150.01	6.02
		For >16 To 200, Deduct	*-7.95*	
		For >200 To 500, Deduct	*-15.91*	
		For >500, Deduct	*-23.41*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	11.08	2.26
		For >16 To 200, Deduct	*-0.72*	
		For >200 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-2.00*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	12.61	2.52
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.27*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	14.09	2.71
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	15.66	2.85
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.78*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	17.22	2.98
		For >16 To 200, Deduct	*-1.09*	
		For >200 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.03*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	18.95	3.12
		For >16 To 200, Deduct	*-1.18*	
		For >200 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.31*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	21.08	3.26
		For >16 To 200, Deduct	*-1.30*	
		For >200 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.65*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	25.10	3.80
		For >16 To 200, Deduct	*-1.54*	
		For >200 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.34*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.54	2.26
		For >16 To 200, Deduct	*-0.65*	
		For >200 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.77*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.58	2.52
		For >16 To 200, Deduct	*-0.72*	
		For >200 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-1.96*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.25	2.71
		For >16 To 200, Deduct	*-0.77*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.10*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.94	2.85
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.22*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.84	2.98
		For >16 To 200, Deduct	*-0.87*	
		For >200 To 500, Deduct	*-1.73*	
		For >500, Deduct	*-2.37*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.81	3.12
		For >16 To 200, Deduct	*-0.92*	
		For >200 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.54*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.36	3.26
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.79*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	17.59	3.52
		For >16 To 200, Deduct	*-1.14*	
		For >200 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.17*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	20.28	4.07
		For >16 To 200, Deduct	*-1.32*	
		For >200 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.65*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	11.91	2.14
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.22*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.72	2.42
		For >16 To 200, Deduct	*-0.93*	
		For >200 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.54*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.51	2.69
		For >16 To 200, Deduct	*-1.05*	
		For >200 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.87*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	17.07	2.91
		For >16 To 200, Deduct	*-1.14*	
		For >200 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.14*	

END OF SECTION 05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 10 Maintenance of Rough Carpentry *(06 01)*

06 01 10 91 Rough Carpenty Restoration *(06 01 10)*

06 01 10 91-0001 Roof Beam Restoration *(06 01 10 91)*

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	81.54	
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	70.16	
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	58.78	

06 01 10 91-0005 Roof Beam Replacement *(06 01 10 91)*

Note: Includes cutting back the rafter beam back 18" and in a zig- zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.

06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	173.70	
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	162.32	
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	150.94	
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	151.82	
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	140.43	
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	129.04	

06 01 10 91-0012 Roof Beam Caps *(06 01 10 91)*

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap	32.99	
		For Galvanized Steel, Deduct		*-2.67*
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap	49.12	
		For Galvanized Steel, Deduct		*-4.69*
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap	63.30	
		For Galvanized Steel, Deduct		*-6.10*
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap	57.43	
		For Galvanized Steel, Deduct		*-5.36*
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap	72.08	
		For Galvanized Steel, Deduct		*-6.83*

06 01 10 91-0018 Field Formed Beam Top/End Caps *(06 01 10 91)*

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	15.69	
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	11.76	

06 01 10 91-0021 Historic Restoration For Retexturing Wood Beams *(06 01 10 91)*

06 01 10 91-0022	SF	Retexture Wood Beams To Match Original Historic Appearance Note: Includes: Retexturing wood surface of beams on (3) sides	39.57	
06 01 10 91-0023	LF	Retexture 3" X 6" Wood Beams On (3) Sides To Match Original Historic Appearance	49.47	

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.	8.82	

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 51 Architectural Woodwork Cleaning *(06 01 40)*

See CSI section 09 01 90 52-0035 for cleaning of wood surfaces.

06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	40.99	
06 01 40 91-0003	EA	Removal And Replacement Of Semi-Concealed, Brass Cabinet Hinges	42.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	13.95	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 500, Deduct	*-3.32*	
		For >500, Deduct	*-4.70*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	18.80	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.85*	
		For >500, Deduct	*-5.43*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	20.76	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-4.00*	
		For >500, Deduct	*-5.62*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	41.74	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 250, Deduct	*-3.91*	
		For >250 To 500, Deduct	*-6.47*	
		For >500, Deduct	*-9.03*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	7.29	3.46
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.37*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	8.15	3.81
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.65*	
		For >500, Deduct	*-3.78*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	7.38	3.46
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.37*	
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	8.10	3.69
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.63*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	13.84	3.81
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.35*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.48	3.81
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.98*	
		For >500, Deduct	*-4.22*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.64	4.27
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.27*	
		For >500, Deduct	*-4.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	15.45	4.50
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-3.57*	
		For >500, Deduct	*-5.06*	
06 05 23 00-0016		**Reinforcing Angle Wood Construction Connectors** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	8.10	3.23
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.42*	
		For >500, Deduct	*-3.45*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	9.99	3.46
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.80*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	11.34	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-4.02*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.57	3.69
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-3.02*	
		For >500, Deduct	*-4.29*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	8.83	3.23
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.47*	
		For >500, Deduct	*-3.52*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	9.74	3.46
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.66*	
		For >500, Deduct	*-3.77*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	11.28	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.83*	
		For >500, Deduct	*-4.02*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	13.35	3.69
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.36*	
06 05 23 00-0025		**Hold Down Anchors** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	58.27	
		For >10 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 250, Deduct	*-8.28*	
		For >250 To 500, Deduct	*-14.21*	
		For >500, Deduct	*-20.14*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	81.15	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-4.80*	
		For >100 To 250, Deduct	*-9.60*	
		For >250 To 500, Deduct	*-16.24*	
		For >500, Deduct	*-22.89*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	99.87	
		For >10 To 50, Deduct	*-1.96*	
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-10.88*	
		For >250 To 500, Deduct	*-18.28*	
		For >500, Deduct	*-25.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	117.78	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-6.23*	
		For >100 To 250, Deduct	*-12.47*	
		For >250 To 500, Deduct	*-20.89*	
		For >500, Deduct	*-29.32*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)	190.25	
		For >10 To 50, Deduct	*-2.77*	
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 250, Deduct	*-17.82*	
		For >250 To 500, Deduct	*-29.50*	
		For >500, Deduct	*-41.19*	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)	255.64	
		For >10 To 50, Deduct	*-2.89*	
		For >50 To 100, Deduct	*-10.72*	
		For >100 To 250, Deduct	*-21.44*	
		For >250 To 500, Deduct	*-35.04*	
		For >500, Deduct	*-48.64*	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5)	68.38	
		For >10 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-4.39*	
		For >100 To 250, Deduct	*-8.79*	
		For >250 To 500, Deduct	*-14.97*	
		For >500, Deduct	*-21.15*	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)	75.57	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-9.32*	
		For >250 To 500, Deduct	*-15.82*	
		For >500, Deduct	*-22.33*	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5)	84.56	
		For >10 To 50, Deduct	*-1.96*	
		For >50 To 100, Deduct	*-5.06*	
		For >100 To 250, Deduct	*-10.11*	
		For >250 To 500, Deduct	*-17.13*	
		For >500, Deduct	*-24.15*	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5)	104.25	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-5.90*	
		For >100 To 250, Deduct	*-11.79*	
		For >250 To 500, Deduct	*-19.88*	
		For >500, Deduct	*-27.97*	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5)	134.22	
		For >10 To 50, Deduct	*-2.77*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 250, Deduct	*-15.02*	
		For >250 To 500, Deduct	*-25.30*	
		For >500, Deduct	*-35.58*	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)	149.78	
		For >10 To 50, Deduct	*-2.89*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 250, Deduct	*-16.14*	
		For >250 To 500, Deduct	*-27.10*	
		For >500, Deduct	*-38.06*	
06 05 23 00-0038		**Joist And Beam Hangers** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24)	7.75	3.23
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-3.41*	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28)	8.63	3.46
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.66*	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	12.01	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	13.05	3.69
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.06*	
		For >500, Deduct	*-4.33*	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	19.83	3.93
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.63*	
		For >500, Deduct	*-5.10*	
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	23.59	4.04
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-3.97*	
		For >500, Deduct	*-5.56*	
06 05 23 00-0045		**Anchor And Ties** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4)	35.77	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5)	44.31	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	4.80	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	5.39	
06 05 23 00-0050		**Hurricane Ties** *(06 05 23)*		
06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	8.50	3.57
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-4.03*	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	3.08	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	8.19	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	10.40	3.57
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.97*	
		For >500, Deduct	*-4.22*	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	17.16	
06 05 23 00-0056		**Post Column Bases** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	31.75	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	49.03	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	50.52	
06 05 23 00-0060		**Post Column Caps** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	17.68	4.04
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.11*	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-3.77*	
		For >500, Deduct	*-5.32*	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	38.56	4.04
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.33*	
		For >250 To 500, Deduct	*-5.47*	
		For >500, Deduct	*-7.60*	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4)	189.50	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-12.94*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.18*	
		For Hot Dipped Galvanized, Add	*74.89*	
06 05 23 00-0064	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	197.43	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-6.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-21.95*	
		For >500, Deduct	*-30.13*	
		For Hot Dipped Galvanized, Add	*77.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0065	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) Note: Excludes field welding	122.10	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.44*	
		For Hot Dipped Galvanized, Add	*44.56*	
06 05 23 00-0066	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	193.33	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-6.78*	
		For >100 To 250, Deduct	*-13.56*	
		For >250 To 500, Deduct	*-21.64*	
		For >500, Deduct	*-29.72*	
		For Hot Dipped Galvanized, Add	*75.32*	
06 05 23 00-0067	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) Note: Excludes field welding	202.18	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-7.00*	
		For >100 To 250, Deduct	*-14.00*	
		For >250 To 500, Deduct	*-22.30*	
		For >500, Deduct	*-30.60*	
		For Hot Dipped Galvanized, Add	*79.30*	
06 05 23 00-0068	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	206.56	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-7.02*	
		For >100 To 250, Deduct	*-14.05*	
		For >250 To 500, Deduct	*-22.31*	
		For >500, Deduct	*-30.58*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0069	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	208.87	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-7.26*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-23.12*	
		For >500, Deduct	*-31.74*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0070	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	208.87	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-7.26*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-23.12*	
		For >500, Deduct	*-31.74*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0071	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	241.29	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-15.79*	
		For >250 To 500, Deduct	*-24.92*	
		For >500, Deduct	*-34.05*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0072	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	243.60	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-16.25*	
		For >250 To 500, Deduct	*-25.73*	
		For >500, Deduct	*-35.21*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0073	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	243.60	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-16.25*	
		For >250 To 500, Deduct	*-25.73*	
		For >500, Deduct	*-35.21*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0074	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	295.06	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-9.24*	
		For >100 To 250, Deduct	*-18.47*	
		For >250 To 500, Deduct	*-28.95*	
		For >500, Deduct	*-39.43*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0075	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	297.37	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-9.47*	
		For >100 To 250, Deduct	*-18.94*	
		For >250 To 500, Deduct	*-29.76*	
		For >500, Deduct	*-40.59*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0076	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88)	297.37	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-9.47*	
		For >100 To 250, Deduct	*-18.94*	
		For >250 To 500, Deduct	*-29.76*	
		For >500, Deduct	*-40.59*	
		For Hot Dipped Galvanized, Add	*121.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0077	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4) Note: Excludes field welding	189.50	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-12.94*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.18*	
		For Hot Dipped Galvanized, Add	*74.89*	
06 05 23 00-0078	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)	197.43	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-6.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-21.95*	
		For >500, Deduct	*-30.13*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0079	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44) Note: Excludes field welding	122.10	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.50*	
		For >500, Deduct	*-21.44*	
		For Hot Dipped Galvanized, Add	*44.56*	
06 05 23 00-0080	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46)	193.33	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-6.78*	
		For >100 To 250, Deduct	*-13.56*	
		For >250 To 500, Deduct	*-21.64*	
		For >500, Deduct	*-29.72*	
		For Hot Dipped Galvanized, Add	*75.32*	
06 05 23 00-0081	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48) Note: Excludes field welding	202.18	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-7.00*	
		For >100 To 250, Deduct	*-14.00*	
		For >250 To 500, Deduct	*-22.30*	
		For >500, Deduct	*-30.60*	
		For Hot Dipped Galvanized, Add	*79.30*	
06 05 23 00-0082	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64)	206.56	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-7.02*	
		For >100 To 250, Deduct	*-14.05*	
		For >250 To 500, Deduct	*-22.31*	
		For >500, Deduct	*-30.58*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0083	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	208.87	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-7.26*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-23.12*	
		For >500, Deduct	*-31.74*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0084	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68)	208.87	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-7.26*	
		For >100 To 250, Deduct	*-14.51*	
		For >250 To 500, Deduct	*-23.12*	
		For >500, Deduct	*-31.74*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0085	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)	241.29	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-7.89*	
		For >100 To 250, Deduct	*-15.79*	
		For >250 To 500, Deduct	*-24.92*	
		For >500, Deduct	*-34.05*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0086	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)	243.60	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-16.25*	
		For >250 To 500, Deduct	*-25.73*	
		For >500, Deduct	*-35.21*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0087	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)	243.60	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-16.25*	
		For >250 To 500, Deduct	*-25.73*	
		For >500, Deduct	*-35.21*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0088	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	295.06	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-9.24*	
		For >100 To 250, Deduct	*-18.47*	
		For >250 To 500, Deduct	*-28.95*	
		For >500, Deduct	*-39.43*	
		For Hot Dipped Galvanized, Add	*121.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0089	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	297.37	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-9.47*	
		For >100 To 250, Deduct	*-18.94*	
		For >250 To 500, Deduct	*-29.76*	
		For >500, Deduct	*-40.59*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0090	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	297.37	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-9.47*	
		For >100 To 250, Deduct	*-18.94*	
		For >250 To 500, Deduct	*-29.76*	
		For >500, Deduct	*-40.59*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0091		**Rafter Connectors** *(06 05 23)*		
06 05 23 00-0092	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	10.11	3.57
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-4.19*	
06 05 23 00-0093		**Bolts And Fasteners** *(06 05 23)*		
06 05 23 00-0094		**Carriage Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095		**Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts** *(06 05 23 00-0094)*		
06 05 23 00-0096	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.38	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.54*	
06 05 23 00-0097	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.54	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.29*	
		For >500, Deduct	*-7.55*	
06 05 23 00-0098	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.64	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.30*	
		For >500, Deduct	*-7.56*	
06 05 23 00-0099	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.25	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-6.13*	
		For >500, Deduct	*-8.75*	
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.98	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.72*	
		For >500, Deduct	*-8.16*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.40	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.76*	
06 05 23 00-0102	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.66	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.53*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.79*	
06 05 23 00-0103	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.32	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.23*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-10.54*	
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.26	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.85*	
		For >500, Deduct	*-11.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.36	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 250, Deduct	*-5.00*	
		For >250 To 500, Deduct	*-8.72*	
		For >500, Deduct	*-12.43*	
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.96	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-6.18*	
		For >500, Deduct	*-8.82*	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.79	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.64*	
		For >500, Deduct	*-9.46*	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.17	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-7.06*	
		For >500, Deduct	*-10.07*	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.86	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-11.26*	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.24	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-9.18*	
		For >500, Deduct	*-13.08*	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.79	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-2.90*	
		For >100 To 250, Deduct	*-5.79*	
		For >250 To 500, Deduct	*-10.08*	
		For >500, Deduct	*-14.36*	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.03	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.67*	
		For >500, Deduct	*-10.92*	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.24	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.15*	
		For >500, Deduct	*-11.60*	
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.87	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-9.52*	
		For >500, Deduct	*-13.54*	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	38.15	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-5.89*	
		For >250 To 500, Deduct	*-10.16*	
		For >500, Deduct	*-14.43*	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	41.43	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-6.40*	
		For >250 To 500, Deduct	*-11.04*	
		For >500, Deduct	*-15.68*	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	42.22	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-6.61*	
		For >250 To 500, Deduct	*-11.42*	
		For >500, Deduct	*-16.22*	

06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0119	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.67	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.30*	
		For >500, Deduct	*-7.57*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0120	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.98	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.05*	
		For >250 To 500, Deduct	*-5.32*	
		For >500, Deduct	*-7.60*	
06 05 23 00-0121	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.32	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.35*	
		For >500, Deduct	*-7.63*	
06 05 23 00-0122	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.40	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.22*	
		For >500, Deduct	*-8.86*	
06 05 23 00-0123	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.39	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.29*	
		For >250 To 500, Deduct	*-5.75*	
		For >500, Deduct	*-8.20*	
06 05 23 00-0124	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.04	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.83*	
06 05 23 00-0125	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.42	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.22*	
		For >500, Deduct	*-8.87*	
06 05 23 00-0126	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.47	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.47*	
		For >500, Deduct	*-10.66*	
06 05 23 00-0127	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.55	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.57*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-11.33*	
06 05 23 00-0128	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.56	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-8.81*	
		For >500, Deduct	*-12.55*	
06 05 23 00-0129	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.92	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-6.25*	
		For >500, Deduct	*-8.92*	
06 05 23 00-0130	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.55	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.69*	
		For >500, Deduct	*-9.54*	
06 05 23 00-0131	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.07	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 500, Deduct	*-7.13*	
		For >500, Deduct	*-10.16*	
06 05 23 00-0132	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.16	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.60*	
		For >250 To 500, Deduct	*-7.99*	
		For >500, Deduct	*-11.39*	
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.51	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-9.27*	
		For >500, Deduct	*-13.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	33.77	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-2.92*	
		For >100 To 250, Deduct	*-5.84*	
		For >250 To 500, Deduct	*-10.15*	
		For >500, Deduct	*-14.46*	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.93	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-11.21*	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.26	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.80*	
		For >250 To 500, Deduct	*-8.30*	
		For >500, Deduct	*-11.80*	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	35.31	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-5.57*	
		For >250 To 500, Deduct	*-9.63*	
		For >500, Deduct	*-13.69*	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	38.04	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-5.88*	
		For >250 To 500, Deduct	*-10.15*	
		For >500, Deduct	*-14.42*	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	43.30	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-6.49*	
		For >250 To 500, Deduct	*-11.18*	
		For >500, Deduct	*-15.87*	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	46.12	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-6.81*	
		For >250 To 500, Deduct	*-11.71*	
		For >500, Deduct	*-16.61*	

06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.48	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.36*	
		For >500, Deduct	*-7.65*	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.10	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.16*	
		For >250 To 500, Deduct	*-5.48*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.16	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.56*	
		For >500, Deduct	*-7.92*	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	32.87	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.24*	
		For >250 To 500, Deduct	*-7.23*	
		For >500, Deduct	*-10.21*	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.14	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.88*	
		For >500, Deduct	*-8.38*	
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.64	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.46*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.14	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 250, Deduct	*-3.75*	
		For >250 To 500, Deduct	*-6.50*	
		For >500, Deduct	*-9.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	43.50	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.98*	
		For >500, Deduct	*-12.66*	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	53.08	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-5.94*	
		For >250 To 500, Deduct	*-10.01*	
		For >500, Deduct	*-14.08*	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	59.49	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-6.61*	
		For >250 To 500, Deduct	*-11.13*	
		For >500, Deduct	*-15.65*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.53	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.60*	
		For >500, Deduct	*-9.38*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.93	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 500, Deduct	*-7.17*	
		For >500, Deduct	*-10.18*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	34.01	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-7.95*	
		For >500, Deduct	*-11.25*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	54.57	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-6.02*	
		For >250 To 500, Deduct	*-10.12*	
		For >500, Deduct	*-14.23*	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	61.60	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-11.60*	
		For >500, Deduct	*-16.32*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	97.38	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-4.51*	
		For >100 To 250, Deduct	*-9.02*	
		For >250 To 500, Deduct	*-14.92*	
		For >500, Deduct	*-20.82*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	75.60	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.53*	
		For >100 To 250, Deduct	*-7.07*	
		For >250 To 500, Deduct	*-11.70*	
		For >500, Deduct	*-16.33*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	107.35	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 250, Deduct	*-9.18*	
		For >250 To 500, Deduct	*-15.03*	
		For >500, Deduct	*-20.89*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	119.04	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-4.97*	
		For >100 To 250, Deduct	*-9.93*	
		For >250 To 500, Deduct	*-16.23*	
		For >500, Deduct	*-22.52*	
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	176.28	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-13.14*	
		For >250 To 500, Deduct	*-21.15*	
		For >500, Deduct	*-29.17*	
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	185.44	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-6.89*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-22.16*	
		For >500, Deduct	*-30.54*	

06 05 23 00-0163 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	23.96	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.45*	
		For >250 To 500, Deduct	*-5.92*	
		For >500, Deduct	*-8.40*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	26.80	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.68*	
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	28.93	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.36*	
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	34.02	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.31*	
		For >500, Deduct	*-10.33*	
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	46.66	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.93*	
		For >250 To 500, Deduct	*-8.26*	
		For >500, Deduct	*-11.59*	
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	50.88	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-8.89*	
		For >500, Deduct	*-12.47*	
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	54.86	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-5.69*	
		For >250 To 500, Deduct	*-9.51*	
		For >500, Deduct	*-13.33*	

06 05 23 00-0171 Hex Lag Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.66	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.24*	
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.80	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.08*	
		For >500, Deduct	*-7.25*	
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.09	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.10*	
		For >500, Deduct	*-7.28*	
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	16.16	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.90*	
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	17.57	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.95*	
		For >500, Deduct	*-8.50*	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	17.89	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.98*	
		For >500, Deduct	*-8.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	21.90	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-7.20*	
		For >500, Deduct	*-10.27*	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	23.21	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-4.36*	
		For >250 To 500, Deduct	*-7.61*	
		For >500, Deduct	*-10.85*	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	17.89	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-6.01*	
		For >500, Deduct	*-8.58*	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.48	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.44*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	21.21	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.81*	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	24.16	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.43*	
		For >250 To 500, Deduct	*-7.72*	
		For >500, Deduct	*-11.01*	
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	28.47	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.58*	
		For >100 To 250, Deduct	*-5.16*	
		For >250 To 500, Deduct	*-8.98*	
		For >500, Deduct	*-12.80*	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	31.07	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.80*	
		For >500, Deduct	*-13.97*	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	26.10	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-7.87*	
		For >500, Deduct	*-11.21*	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	31.17	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-9.18*	
		For >500, Deduct	*-13.07*	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	34.51	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.74*	
		For >500, Deduct	*-13.86*	
06 05 23 00-0190	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	38.80	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-6.18*	
		For >250 To 500, Deduct	*-10.69*	
		For >500, Deduct	*-15.20*	
06 05 23 00-0191	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	43.49	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-6.59*	
		For >250 To 500, Deduct	*-11.35*	
		For >500, Deduct	*-16.12*	

06 05 23 00-0192 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0193	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.73	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0194	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.95	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-5.09*	
		For >500, Deduct	*-7.27*	
06 05 23 00-0195	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.17	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.11*	
		For >500, Deduct	*-7.29*	
06 05 23 00-0196	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.28	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.92*	
06 05 23 00-0197	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.75	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.52*	
06 05 23 00-0198	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.12	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.43*	
		For >250 To 500, Deduct	*-5.99*	
		For >500, Deduct	*-8.55*	
06 05 23 00-0199	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.33	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-4.15*	
		For >250 To 500, Deduct	*-7.23*	
		For >500, Deduct	*-10.32*	
06 05 23 00-0200	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.93	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-4.40*	
		For >250 To 500, Deduct	*-7.66*	
		For >500, Deduct	*-10.93*	
06 05 23 00-0201	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.22	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-6.03*	
		For >500, Deduct	*-8.61*	
06 05 23 00-0202	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.67	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.45*	
		For >500, Deduct	*-9.21*	
06 05 23 00-0203	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.53	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-6.90*	
		For >500, Deduct	*-9.85*	
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.14	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-7.80*	
		For >500, Deduct	*-11.11*	
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	28.95	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-5.18*	
		For >250 To 500, Deduct	*-9.02*	
		For >500, Deduct	*-12.85*	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	32.25	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-5.69*	
		For >250 To 500, Deduct	*-9.89*	
		For >500, Deduct	*-14.09*	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.82	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-11.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	31.83	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-9.23*	
		For >500, Deduct	*-13.14*	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	35.61	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-5.68*	
		For >250 To 500, Deduct	*-9.83*	
		For >500, Deduct	*-13.97*	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	41.40	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-6.31*	
		For >250 To 500, Deduct	*-10.88*	
		For >500, Deduct	*-15.46*	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	46.27	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.73*	
		For >250 To 500, Deduct	*-11.56*	
		For >500, Deduct	*-16.40*	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.45	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.13*	
		For >500, Deduct	*-7.32*	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.21	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.18*	
		For >500, Deduct	*-7.39*	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.27	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.08*	
		For >250 To 500, Deduct	*-5.34*	
		For >500, Deduct	*-7.60*	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.32	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.70*	
		For >500, Deduct	*-8.12*	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	20.60	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.56*	
		For >250 To 500, Deduct	*-6.18*	
		For >500, Deduct	*-8.80*	
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.92	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.28*	
		For >500, Deduct	*-8.93*	
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	43.63	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 250, Deduct	*-5.21*	
		For >250 To 500, Deduct	*-8.83*	
		For >500, Deduct	*-12.45*	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	60.82	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-6.24*	
		For >250 To 500, Deduct	*-10.43*	
		For >500, Deduct	*-14.61*	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	22.08	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-6.32*	
		For >500, Deduct	*-9.00*	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	25.96	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 500, Deduct	*-6.92*	
		For >500, Deduct	*-9.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	31.84	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.88*	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	64.70	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 250, Deduct	*-6.46*	
		For >250 To 500, Deduct	*-10.76*	
		For >500, Deduct	*-15.07*	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	87.77	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-8.12*	
		For >250 To 500, Deduct	*-13.43*	
		For >500, Deduct	*-18.73*	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	102.39	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-4.60*	
		For >100 To 250, Deduct	*-9.19*	
		For >250 To 500, Deduct	*-15.15*	
		For >500, Deduct	*-21.10*	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	94.73	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 250, Deduct	*-7.96*	
		For >250 To 500, Deduct	*-13.01*	
		For >500, Deduct	*-18.07*	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	108.30	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.57*	
		For >100 To 250, Deduct	*-9.15*	
		For >250 To 500, Deduct	*-14.97*	
		For >500, Deduct	*-20.79*	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	112.71	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-4.77*	
		For >100 To 250, Deduct	*-9.54*	
		For >250 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-21.68*	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	155.63	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-12.03*	
		For >250 To 500, Deduct	*-19.45*	
		For >500, Deduct	*-26.88*	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	169.72	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-6.45*	
		For >100 To 250, Deduct	*-12.90*	
		For >250 To 500, Deduct	*-20.82*	
		For >500, Deduct	*-28.74*	

06 05 23 00-0232 Stainless Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.28	
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.33	
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.39	
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.58	

06 05 23 00-0237 Galvanized Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	2.11	
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.15	
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.21	
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.36	
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.15	
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.19	
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.25	
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.45	

06 05 23 00-0246 Timber Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	37.56	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.40*	
		For >500, Deduct	*-13.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	42.46	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-6.14*	
		For >250 To 500, Deduct	*-10.55*	
		For >500, Deduct	*-14.96*	
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	45.90	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-6.57*	
		For >250 To 500, Deduct	*-11.29*	
		For >500, Deduct	*-16.00*	
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	51.30	
		For >10 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-7.09*	
		For >250 To 500, Deduct	*-12.14*	
		For >500, Deduct	*-17.19*	
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	54.63	
		For >10 To 50, Deduct	*-1.59*	
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 250, Deduct	*-7.50*	
		For >250 To 500, Deduct	*-12.84*	
		For >500, Deduct	*-18.18*	
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	56.71	
		For >10 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-3.91*	
		For >100 To 250, Deduct	*-7.81*	
		For >250 To 500, Deduct	*-13.38*	
		For >500, Deduct	*-18.95*	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	50.97	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-6.83*	
		For >250 To 500, Deduct	*-11.67*	
		For >500, Deduct	*-16.51*	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	53.33	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-3.56*	
		For >100 To 250, Deduct	*-7.12*	
		For >250 To 500, Deduct	*-12.16*	
		For >500, Deduct	*-17.21*	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	59.21	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.84*	
		For >100 To 250, Deduct	*-7.68*	
		For >250 To 500, Deduct	*-13.09*	
		For >500, Deduct	*-18.50*	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	63.63	
		For >10 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.07*	
		For >100 To 250, Deduct	*-8.14*	
		For >250 To 500, Deduct	*-13.87*	
		For >500, Deduct	*-19.60*	
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	68.45	
		For >10 To 50, Deduct	*-1.74*	
		For >50 To 100, Deduct	*-4.31*	
		For >100 To 250, Deduct	*-8.63*	
		For >250 To 500, Deduct	*-14.68*	
		For >500, Deduct	*-20.73*	

06 05 23 00-0258 Supports *(06 05 23)*

06 05 23 00-0259 Shear Plates *(06 05 23 00-0258)*

06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	14.98	4.27
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.77*	
		For >500, Deduct	*-5.35*	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	14.53	4.50
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-3.85*	
		For >500, Deduct	*-5.47*	

06 05 23 00-0262 Sill Anchors *(06 05 23 00-0258)*

06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	13.07	4.50
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.74*	
		For >500, Deduct	*-5.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0264		**Spike Grids** *(06 05 23 00-0258)*		
06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	11.75	4.27
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.02*	
06 05 23 00-0266		**Split Rings** *(06 05 23 00-0258)*		
06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	15.16	4.27
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-3.78*	
		For >500, Deduct	*-5.36*	
06 05 23 00-0268	EA	4" Diameter Split Ring	16.33	4.73
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.39*	
		For >250 To 500, Deduct	*-4.11*	
		For >500, Deduct	*-5.83*	
06 05 23 00-0269		**Toothed Rings** *(06 05 23 00-0258)*		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	12.40	4.27
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.58*	
		For >500, Deduct	*-5.09*	
06 05 23 00-0271		**Straps And Shields** *(06 05 23)*		
06 05 23 00-0272		**Shield Plate** *(06 05 23 00-0271)*		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.77	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.02*	
		For >500, Deduct	*-1.54*	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.96	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.19*	
06 05 23 00-0275		**Strap Ties** *(06 05 23 00-0271)*		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.39	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.48	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.88*	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	4.44	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.61	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.13*	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.79	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.14*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	5.50	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.35*	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	7.13	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.51*	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	8.26	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.76*	
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	3.76	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	3.89	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.92*	
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	4.95	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.16*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	5.17	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.18*	
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	5.27	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.19*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	6.01	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.40*	
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	7.47	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.54*	
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	8.28	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.76*	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	13.06	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.56*	
		For >500, Deduct	*-2.37*	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.43	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.97*	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.45	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	5.40	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.20*	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	7.47	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.54*	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	6.38	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.17*	
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	7.04	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	9.23	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.59*	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	13.72	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.46*	
		For >500, Deduct	*-2.17*	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	17.09	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.64*	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	25.28	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.47*	
		For >500, Deduct	*-3.59*	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	44.01	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-3.95*	
		For >500, Deduct	*-5.59*	
06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	56.73	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-4.98*	
		For >500, Deduct	*-7.00*	
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	16.36	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.43*	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	21.11	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-3.04*	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	24.65	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-3.53*	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	37.53	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.46*	
		For >500, Deduct	*-4.95*	

06 05 23 00-0309 Twist Strap Ties *(06 05 23 00-0271)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	3.97	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	4.97	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.09*	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	5.74	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	6.21	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.35*	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	3.92	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.92*	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	5.05	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.10*	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	5.88	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.25*	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	6.26	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.36*	
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	8.56	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.65*	
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.54	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.25*	
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.83	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.51*	
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	9.11	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.71*	

06 05 23 00-0322 Retrofit Plate Strap *(06 05 23 00-0271)*

06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.56	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.32*	
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	7.50	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.41*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	9.00	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.56*	

06 05 23 00-0326 Stud Shoe *(06 05 23 00-0271)*

06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	11.20	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.27*	
		For >500, Deduct	*-1.92*	
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	22.22	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-3.02*	
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	22.32	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-3.03*	
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	29.98	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.79*	
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	28.15	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.61*	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	30.52	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.85*	
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	32.31	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-4.03*	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	48.92	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.10*	
		For >500, Deduct	*-5.69*	

06 05 23 00-0335 Nail Stops *(06 05 23 00-0271)*

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	3.11	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.84*	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	3.27	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.86*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	794.65	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 73 33		**Preservative Wood Treatment** *(06 05 73)*		
06 05 73 33-0001		Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*		
06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	165.85	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	5.07	1.98
		For Each Additional 2" x_" In The Built Up Member, Add	*1.02*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	6.38	2.32
		For Each Additional 2" x_" In The Built Up Member, Add	*1.45*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	8.21	2.79
		For Each Additional 2" x_" In The Built Up Member, Add	*2.01*	

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	5.07	1.98
		For Each Additional 2" x_" In The Built Up Member, Add	*1.02*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	6.38	2.32
		For Each Additional 2" x_" In The Built Up Member, Add	*1.45*	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	8.21	2.79
		For Each Additional 2" x_" In The Built Up Member, Add	*2.01*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.89	1.40
06 11 16 00-0004	LF	2" x 8" Wood Rafter	3.43	1.51
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.92	2.21
06 11 16 00-0006	LF	2" x 12" Wood Rafter	5.69	2.45
06 11 16 00-0007	LF	2" x 14" Wood Rafter	6.20	2.67
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	3.37	1.40
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	4.09	1.51
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	5.52	2.21
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	6.65	2.45

06 11 16 00-0012 Joists *(06 11 16 00-0001)*

Note: A series of parallel beams to support floors or ceilings.

06 11 16 00-0013	LF	2" x 6" Wood Floor Joist	2.53	1.16
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	3.19	1.28
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist	4.10	1.63
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist	4.89	1.87
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist	5.38	1.98
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist	3.01	1.16
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist	3.85	1.28
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist	4.70	1.63
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist	5.85	1.87

06 11 16 00-0022 Purlins *(06 11 16 00-0001)*

Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.

06 11 16 00-0023	LF	2" x 4" Wood Purlin	2.01	0.69
06 11 16 00-0024	LF	2" x 6" Wood Purlin	2.56	0.76
06 11 16 00-0025	LF	2" x 8" Wood Purlin	3.13	0.85
06 11 16 00-0026	LF	2" x 10" Wood Purlin	3.88	0.93
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	2.30	0.69
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	3.04	0.76
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.79	0.85
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	4.48	0.93

06 11 16 00-0031 Exposed Rafters Or Joists *(06 11 16 00-0001)*

06 11 16 00-0032 Redwood Rafters Or Joists *(06 11 16 00-0031)*

06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist	4.03	1.16
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist	4.93	1.28
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist	6.16	1.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist	7.50	1.87
06 11 16 00-0037		**Cedar Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist	2.54	1.16
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist	2.84	1.28
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist	3.25	1.63
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist	3.68	1.87
06 11 16 00-0042		**Oak Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist	3.15	1.16
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist	4.38	1.28
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist	5.73	1.63
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist	7.09	1.87
06 11 16 00-0047		**Framing** *(06 11 16)*		
06 11 16 00-0048		**Partition Framing** *(06 11 16 00-0047)*		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.95	0.93
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.42	0.99
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.91	1.05
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	2.24	0.93
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.90	0.99
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.57	1.05
06 11 16 00-0055		**Wall Framing Assemblies By The SF** *(06 11 16 00-0047)* Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0056		**Wall Framing By The SF, 12" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0057	SF	2" x 4" At 12" On Center, Wood Wall Framing Assembly	2.53	1.12
		For Up To 200, Add	*0.84*	
		For >200 To 500, Add	*0.42*	
06 11 16 00-0058	SF	2" x 6" At 12" On Center, Wood Wall Framing Assembly	3.44	1.44
		For Up To 200, Add	*1.11*	
		For >200 To 500, Add	*0.56*	
06 11 16 00-0059	SF	2" x 8" At 12" On Center, Wood Wall Framing Assembly	4.58	1.93
		For Up To 200, Add	*1.48*	
		For >200 To 500, Add	*0.74*	
06 11 16 00-0060		**Wall Framing By The SF, 16" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0061	SF	2" x 4" At 16" On Center, Wood Wall Framing Assembly	2.08	0.91
		For Up To 200, Add	*0.69*	
		For >200 To 500, Add	*0.34*	
06 11 16 00-0062	SF	2" x 6" At 16" On Center, Wood Wall Framing Assembly	2.85	1.20
		For Up To 200, Add	*0.92*	
		For >200 To 500, Add	*0.46*	
06 11 16 00-0063	SF	2" x 8" At 16" On Center, Wood Wall Framing Assembly	3.82	1.60
		For Up To 200, Add	*1.24*	
		For >200 To 500, Add	*0.62*	
06 11 16 00-0064		**Wall Framing By The SF, 24" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0065	SF	2" x 4" At 24" On Center, Wood Wall Framing Assembly	1.63	0.71
		For Up To 200, Add	*0.54*	
		For >200 To 500, Add	*0.27*	
06 11 16 00-0066	SF	2" x 6" At 24" On Center, Wood Wall Framing Assembly	2.24	0.94
		For Up To 200, Add	*0.72*	
		For >200 To 500, Add	*0.36*	
06 11 16 00-0067	SF	2" x 8" At 24" On Center, Wood Wall Framing Assembly	3.00	1.24
		For Up To 200, Add	*0.97*	
		For >200 To 500, Add	*0.49*	
06 11 16 00-0068		**Sills And Plates** *(06 11 16)*		
06 11 16 00-0069		**Sills** *(06 11 16 00-0068)* Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070	LF	2" x 4" Wood Sill	3.22	1.74
06 11 16 00-0071	LF	2" x 6" Wood Sill	3.93	1.98
06 11 16 00-0072	LF	2" x 8" Wood Sill	4.73	2.21
06 11 16 00-0073	LF	2" x 4" Pressure Treated Wood Sill	3.51	1.74
06 11 16 00-0074	LF	2" x 6" Pressure Treated Wood Sill	4.41	1.98
06 11 16 00-0075	LF	2" x 8" Pressure Treated Wood Sill	5.39	2.21
06 11 16 00-0076		**Plates** *(06 11 16 00-0068)* Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077	LF	2" x 4" Wood Plate	3.22	1.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0078	LF	2" x 6" Wood Plate	3.93	1.98
06 11 16 00-0079	LF	2" x 8" Wood Plate	4.70	2.21
06 11 16 00-0080	LF	2" x 4" Pressure Treated Wood Plate	3.51	1.74
06 11 16 00-0081	LF	2" x 6" Pressure Treated Wood Plate	4.41	1.98
06 11 16 00-0082	LF	2" x 8" Pressure Treated Wood Plate	5.36	2.21
06 11 16 00-0083		Sills And Plates From Redwood *(06 11 16 00-0068)*		
06 11 16 00-0084		Construction Grade/Rough *(06 11 16 00-0083)*		
06 11 16 00-0085	LF	2" x 6" Redwood, Construction Grade/Rough	6.26	1.98
06 11 16 00-0086	LF	2" x 8" Redwood, Construction Grade/Rough	8.39	2.21
06 11 16 00-0087	LF	2" x 10" Redwood, Construction Grade/Rough	10.21	2.45
06 11 16 00-0088	LF	2" x 12" Redwood, Construction Grade/Rough	12.34	2.67
06 11 16 00-0089		Con Heart/Smooth *(06 11 16 00-0083)*		
06 11 16 00-0090	LF	2" x 6" Redwood, Con Heart/Smooth	7.68	1.98
06 11 16 00-0091	LF	2" x 8" Redwood, Con Heart/Smooth	10.53	2.21
06 11 16 00-0092	LF	2" x 10" Redwood, Con Heart/Smooth	13.84	2.45
06 11 16 00-0093	LF	2" x 12" Redwood, Con Heart/Smooth	16.64	2.67
06 11 16 00-0094		Suspended Ceiling Framing *(06 11 16)*		
06 11 16 00-0095	LF	1" x 2" Wood Suspended Ceiling Framing	2.60	1.51
06 11 16 00-0096	LF	1" x 3" Wood Suspended Ceiling Framing	2.87	1.63
06 11 16 00-0097	LF	1" x 4" Wood Suspended Ceiling Framing	3.01	1.74
06 11 16 00-0098	LF	2" x 2" Wood Suspended Ceiling Framing	3.12	1.74
06 11 16 00-0099	LF	2" x 4" Wood Suspended Ceiling Framing	3.70	1.98
06 11 16 00-0100	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.86	1.51
06 11 16 00-0101	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.89	1.63
06 11 16 00-0102	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.18	1.74
06 11 16 00-0103	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.37	1.74
06 11 16 00-0104	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.93	1.98
06 11 16 00-0105		Posts And Girts *(06 11 16)*		
06 11 16 00-0106		Posts *(06 11 16 00-0105)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0107	LF	4" x 4" Wood Post	4.82	2.21
06 11 16 00-0108	LF	4" x 5" Wood Post	5.50	2.56
06 11 16 00-0109	LF	4" x 6" Wood Post	6.06	2.79
06 11 16 00-0110	LF	6" x 6" Wood Post	6.75	3.03
06 11 16 00-0111	LF	8" x 8" Wood Post	7.45	3.14
06 11 16 00-0112	LF	10" x 10" Wood Post	8.13	3.61
06 11 16 00-0113	LF	4" x 4" Pressure Treated Wood Post	6.68	2.21
06 11 16 00-0114	LF	3" x 6" Pressure Treated Wood Post	7.71	2.79
06 11 16 00-0115	LF	4" x 6" Pressure Treated Wood Post	9.51	2.79
06 11 16 00-0116	LF	6" x 6" Pressure Treated Wood Post	13.58	3.03
06 11 16 00-0117		Girts *(06 11 16 00-0105)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0118	LF	2" x 4" Wood Girt	2.28	0.84
06 11 16 00-0119	LF	2" x 6" Wood Girt	2.86	0.92
06 11 16 00-0120	LF	2" x 8" Wood Girt	3.48	1.01
06 11 16 00-0121	LF	2" x 10" Wood Girt	4.24	1.12
06 11 16 00-0122	LF	4" x 4" Wood Girt	4.64	1.67
06 11 16 00-0123	LF	4" x 5" Wood Girt	5.34	1.89
06 11 16 00-0124	LF	4" x 6" Wood Girt	6.03	2.09
06 11 16 00-0125	LF	6" x 6" Wood Girt	6.72	2.30
06 11 16 00-0126	LF	8" x 8" Wood Girt	7.42	2.51
06 11 16 00-0127	LF	10" x 10" Wood Girt	8.11	2.73
06 11 16 00-0128	LF	2" x 4" Pressure Treated Wood Girt	2.57	0.84
06 11 16 00-0129	LF	2" x 6" Pressure Treated Wood Girt	3.34	0.92
06 11 16 00-0130	LF	2" x 8" Pressure Treated Wood Girt	4.14	1.01
06 11 16 00-0131	LF	2" x 10" Pressure Treated Wood Girt	4.84	1.12
06 11 16 00-0132	LF	4" x 4" Pressure Treated Wood Girt	6.68	1.67
06 11 16 00-0133	LF	3" x 6" Pressure Treated Wood Girt	7.71	2.09
06 11 16 00-0134	LF	4" x 6" Pressure Treated Wood Girt	9.51	2.09
06 11 16 00-0135	LF	6" x 6" Pressure Treated Wood Girt	13.58	2.30
06 11 16 00-0136		Construction Grade/Rough Redwood Posts *(06 11 16 00-0105)*		
06 11 16 00-0137	LF	4" x 4" Redwood, Construction Grade/Rough Post	9.81	2.21
		For Smooth "Clear", Add	*1.29*	
06 11 16 00-0138	LF	4" x 5" Redwood, Construction Grade/Rough Post	11.83	2.56
		For Smooth "Clear", Add	*1.61*	
06 11 16 00-0139	LF	4" x 6" Redwood, Construction Grade/Rough Post	13.90	2.79
		For Smooth "Clear", Add	*1.94*	
06 11 16 00-0140	LF	4" x 8" Redwood, Construction Grade/Rough Post	17.32	2.87
		For Smooth "Clear", Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0141	LF	4" x 10" Redwood, Construction Grade/Rough Post	20.83	3.06
		For Smooth "Clear", Add	*3.24*	
06 11 16 00-0142	LF	6" x 6" Redwood, Construction Grade/Rough Post	19.18	3.03
		For Smooth "Clear", Add	*2.91*	
06 11 16 00-0143	LF	6" x 8" Redwood, Construction Grade/Rough Post	24.22	3.14
		For Smooth "Clear", Add	*3.89*	
06 11 16 00-0144	LF	6" x 10" Redwood, Construction Grade/Rough Post	29.20	2.95
		For Smooth "Clear", Add	*4.86*	
06 11 16 00-0145	LF	8" x 8" Redwood, Construction Grade/Rough Post	30.94	3.14
		For Smooth "Clear", Add	*5.18*	
06 11 16 00-0146		**Stair Stringers** *(06 11 16)*		
06 11 16 00-0147	LF	2" x 10" Wood Stair Stringer	8.95	4.65
06 11 16 00-0148	LF	2" x 12" Wood Stair Stringer	10.61	5.46
06 11 16 00-0149	LF	2" x 10" Pressure Treated Wood Stair Stringer	9.59	4.65
06 11 16 00-0150	LF	2" x 12" Pressure Treated Wood Stair Stringer	11.55	5.46
06 11 16 00-0151		**Blocking And Sleepers** *(06 11 16)*		
06 11 16 00-0152		**Blocking** *(06 11 16 00-0151)*		
06 11 16 00-0153		**Blocking To Wood** *(06 11 16 00-0152)*		
06 11 16 00-0154	LF	2" x 4" Pressure Treated Wood Blocking To Wood	6.89	2.79
06 11 16 00-0155	LF	2" x 6" Pressure Treated Wood Blocking To Wood	8.32	3.08
06 11 16 00-0156	LF	2" x 8" Pressure Treated Wood Blocking To Wood	9.55	3.38
06 11 16 00-0157	LF	4" x 4" Pressure Treated Wood Blocking To Wood	11.20	3.72
06 11 16 00-0158	LF	4" x 6" Pressure Treated Wood Blocking To Wood	13.77	4.09
06 11 16 00-0159	LF	2" x 4" Wood Blocking To Wood	6.20	2.79
06 11 16 00-0160	LF	2" x 6" Wood Blocking To Wood	7.17	3.08
06 11 16 00-0161	LF	2" x 8" Wood Blocking To Wood	8.21	3.38
06 11 16 00-0162	LF	4" x 4" Wood Blocking To Wood	8.93	3.72
06 11 16 00-0163	LF	4" x 6" Wood Blocking To Wood	10.06	4.09
06 11 16 00-0164		**Blocking To Steel** *(06 11 16 00-0152)*		
06 11 16 00-0165	LF	2" x 4" Pressure Treated Wood Blocking To Steel	7.86	3.22
06 11 16 00-0166	LF	2" x 6" Pressure Treated Wood Blocking To Steel	9.45	3.54
06 11 16 00-0167	LF	2" x 8" Pressure Treated Wood Blocking To Steel	10.85	3.89
06 11 16 00-0168	LF	2" x 4" Wood Blocking To Steel	7.10	3.22
06 11 16 00-0169	LF	2" x 6" Wood Blocking To Steel	8.19	3.54
06 11 16 00-0170	LF	2" x 8" Wood Blocking To Steel	9.37	3.89
06 11 16 00-0171		**Blocking To Concrete** *(06 11 16 00-0152)*		
06 11 16 00-0172	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	7.86	3.22
06 11 16 00-0173	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	9.45	3.54
06 11 16 00-0174	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	10.85	3.89
06 11 16 00-0175	LF	2" x 4" Wood Blocking To Concrete	7.10	3.22
06 11 16 00-0176	LF	2" x 6" Wood Blocking To Concrete	8.19	3.54
06 11 16 00-0177	LF	2" x 8" Wood Blocking To Concrete	9.37	3.89
06 11 16 00-0178		**Pressure Treated Lattice** *(06 11 16 00-0151)*		
06 11 16 00-0179	SF	3/4" Thick Pressure Treated Wood Lattice	7.73	2.45
06 11 16 00-0180		**Sleepers** *(06 11 16 00-0151)*		
06 11 16 00-0181		**Sleepers To Wood** *(06 11 16 00-0180)*		
06 11 16 00-0182	LF	1" x 2" Pressure Treated Wood Sleeper On Wood	1.36	0.41
06 11 16 00-0183	LF	1" x 3" Pressure Treated Wood Sleeper On Wood	1.37	0.47
06 11 16 00-0184	LF	1" x 4" Pressure Treated Wood Sleeper On Wood	1.63	0.52
06 11 16 00-0185	LF	2" x 4" Pressure Treated Wood Sleeper On Wood	2.58	0.64
06 11 16 00-0186	LF	2" x 6" Pressure Treated Wood Sleeper On Wood	3.57	0.70
06 11 16 00-0187		**Sleepers To Concrete** *(06 11 16 00-0180)*		
06 11 16 00-0188	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete	1.41	0.41
06 11 16 00-0189	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete	1.41	0.47
06 11 16 00-0190	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete	1.69	0.52
06 11 16 00-0191	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete	2.71	0.64
06 11 16 00-0192	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete	3.78	0.70
06 11 16 00-0193		**Roofing Nailers** *(06 11 16)*		
06 11 16 00-0194	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.57	0.93
06 11 16 00-0195	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	4.29	0.99
06 11 16 00-0196	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	5.02	1.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0197		**Roofing Sleepers** *(06 11 16)*		
06 11 16 00-0198	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.78	
06 11 16 00-0199	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	5.02	
06 11 16 00-0200	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	7.41	
06 11 16 00-0201	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	11.29	
06 11 16 00-0202		**Canopy Framing, Bridging, And Furring** *(06 11 16)*		
06 11 16 00-0203		**Wood And Steel Bridging** *(06 11 16 00-0202)*		
06 11 16 00-0204		**Wood Bridging** *(06 11 16 00-0203)*		
06 11 16 00-0205	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	9.48	4.07
06 11 16 00-0206	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	9.81	4.07
06 11 16 00-0207		**Steel Bridging** *(06 11 16 00-0203)*		
06 11 16 00-0208	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	11.21	4.07
06 11 16 00-0209	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	11.18	4.07
06 11 16 00-0210		**Light Framing, Trim And Furring** *(06 11 16 00-0202)*		
06 11 16 00-0211		**Pine/Spruce/Fir Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0212	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	2.10	0.96
06 11 16 00-0213	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.37	1.05
06 11 16 00-0214	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.75	1.15
06 11 16 00-0215	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.07	1.26
06 11 16 00-0216	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.41	1.40
06 11 16 00-0217	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.78	1.54
06 11 16 00-0218	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	3.10	1.26
06 11 16 00-0219	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.46	1.40
06 11 16 00-0220	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	4.09	1.54
06 11 16 00-0221	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	4.82	1.68
06 11 16 00-0222	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	5.72	1.87
06 11 16 00-0223		**Cedar Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0224	LF	1" x 1" Cedar Light Framing, Trim And Furring	2.13	0.96
06 11 16 00-0225	LF	1" x 2" Cedar Light Framing, Trim And Furring	2.54	1.05
06 11 16 00-0226	LF	1" x 4" Cedar Light Framing, Trim And Furring	3.40	1.15
06 11 16 00-0227	LF	1" x 6" Cedar Light Framing, Trim And Furring	4.19	1.26
06 11 16 00-0228	LF	1" x 8" Cedar Light Framing, Trim And Furring	6.34	1.40
06 11 16 00-0229	LF	1" x 10" Cedar Light Framing, Trim And Furring	7.51	1.54
06 11 16 00-0230	LF	2" x 2" Cedar Light Framing, Trim And Furring	3.51	1.26
06 11 16 00-0231	LF	2" x 4" Cedar Light Framing, Trim And Furring	4.09	1.40
06 11 16 00-0232		**Oak Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0233	LF	1" x 1" Oak Light Framing, Trim And Furring	2.14	0.96
06 11 16 00-0234	LF	1" x 2" Oak Light Framing, Trim And Furring	2.56	1.05
06 11 16 00-0235	LF	1" x 4" Oak Light Framing, Trim And Furring	3.23	1.15
06 11 16 00-0236	LF	1" x 6" Oak Light Framing, Trim And Furring	3.94	1.26
06 11 16 00-0237	LF	1" x 8" Oak Light Framing, Trim And Furring	4.66	1.40
06 11 16 00-0238	LF	1" x 10" Oak Light Framing, Trim And Furring	5.41	1.54
06 11 16 00-0239	LF	2" x 2" Oak Light Framing, Trim And Furring	3.48	1.26
06 11 16 00-0240	LF	2" x 4" Oak Light Framing, Trim And Furring	4.66	1.40
06 11 16 00-0241		**Redwood Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0242	LF	1" x 1" Redwood Light Framing, Trim And Furring	2.07	0.96
06 11 16 00-0243	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.43	1.05
06 11 16 00-0244	LF	1" x 4" Redwood Light Framing, Trim And Furring	3.01	1.15
06 11 16 00-0245	LF	1" x 6" Redwood Light Framing, Trim And Furring	3.66	1.26
06 11 16 00-0246	LF	1" x 8" Redwood Light Framing, Trim And Furring	4.37	1.40
06 11 16 00-0247	LF	1" x 10" Redwood Light Framing, Trim And Furring	5.14	1.54
06 11 16 00-0248	LF	2" x 2" Redwood Light Framing, Trim And Furring	3.68	1.26
06 11 16 00-0249	LF	2" x 4" Redwood Light Framing, Trim And Furring	4.39	1.40
06 11 16 00-0250		**Poplar Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0251	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.47	0.96
06 11 16 00-0252	LF	1" x 2" Poplar Light Framing, Trim And Furring	3.05	1.05
06 11 16 00-0253	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.88	1.15
06 11 16 00-0254	LF	1" x 6" Poplar Light Framing, Trim And Furring	5.02	1.26
06 11 16 00-0255	LF	1" x 8" Poplar Light Framing, Trim And Furring	5.85	1.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0256	LF	1" x 10" Poplar Light Framing, Trim And Furring	7.80	1.54
06 11 16 00-0257	LF	1" x 12" Poplar Light Framing, Trim And Furring	8.47	1.54
06 11 16 00-0258	LF	2" x 2" Poplar Light Framing, Trim And Furring	6.69	1.26
06 11 16 00-0259	LF	2" x 4" Poplar Light Framing, Trim And Furring	7.51	1.40
06 11 16 00-0260	LF	2" x 6" Poplar Light Framing, Trim And Furring	10.14	1.54

06 11 16 00-0261 Maple Light Framing, Trim And Furring *(06 11 16 00-0210)*
Note: S4S board, select grade 1

06 11 16 00-0262	LF	1" x 4" Maple Light Framing, Trim And Furring	4.94	1.15
06 11 16 00-0263	LF	1" x 6" Maple Light Framing, Trim And Furring	6.64	1.26
06 11 16 00-0264	LF	1" x 8" Maple Light Framing, Trim And Furring	8.38	1.40

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*
Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	6.51	2.07
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	7.87	2.15
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	9.24	2.24
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	12.00	2.39
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	14.26	2.53
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	9.97	2.32
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	11.96	2.45
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	16.08	2.62
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	19.13	2.67
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	14.59	2.53
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	19.70	2.62
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	23.82	2.67
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	23.53	2.67
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	28.80	2.91
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	33.97	3.20
06 13 23 00-0019	BF	>12" To 16" Pine, Heavy Timber Beam Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	2.83	0.27

06 13 23 00-0020 Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0021	LF	4" x 4", Douglas Fir, Heavy Timber Beam	6.75	2.07
06 13 23 00-0022	LF	4" x 6", Douglas Fir, Heavy Timber Beam	8.23	2.15
06 13 23 00-0023	LF	4" x 8", Douglas Fir, Heavy Timber Beam	9.73	2.24
06 13 23 00-0024	LF	4" x 10", Douglas Fir, Heavy Timber Beam	12.73	2.39
06 13 23 00-0025	LF	4" x 12", Douglas Fir, Heavy Timber Beam	15.17	2.53
06 13 23 00-0026	LF	6" x 6", Douglas Fir, Heavy Timber Beam	10.50	2.32
06 13 23 00-0027	LF	6" x 8", Douglas Fir, Heavy Timber Beam	12.66	2.45
06 13 23 00-0028	LF	6" x 10", Douglas Fir, Heavy Timber Beam	17.15	2.62
06 13 23 00-0029	LF	6" x 12", Douglas Fir, Heavy Timber Beam	20.52	2.67
06 13 23 00-0030	LF	8" x 8", Douglas Fir, Heavy Timber Beam	15.54	2.53
06 13 23 00-0031	LF	8" x 10", Douglas Fir, Heavy Timber Beam	21.14	2.62
06 13 23 00-0032	LF	8" x 12", Douglas Fir, Heavy Timber Beam	25.66	2.67
06 13 23 00-0033	LF	10" x 10", Douglas Fir, Heavy Timber Beam	25.33	2.67
06 13 23 00-0034	LF	10" x 12", Douglas Fir, Heavy Timber Beam	31.07	2.91
06 13 23 00-0035	LF	12" x 12", Douglas Fir, Heavy Timber Beam	36.72	3.20
06 13 23 00-0036	BF	>12" To 16" Douglas Fir, Heavy Timber Beam Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	3.06	0.27

06 13 23 00-0037 Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0038	LF	4" x 4", Pressure Treated, Heavy Timber Beam	7.47	2.07
06 13 23 00-0039	LF	4" x 6", Pressure Treated, Heavy Timber Beam	9.62	2.15
06 13 23 00-0040	LF	4" x 8", Pressure Treated, Heavy Timber Beam	11.50	2.24
06 13 23 00-0041	LF	4" x 10", Pressure Treated, Heavy Timber Beam	15.40	2.39
06 13 23 00-0042	LF	4" x 12", Pressure Treated, Heavy Timber Beam	18.57	2.53
06 13 23 00-0043	LF	6" x 6", Pressure Treated, Heavy Timber Beam	13.58	2.32
06 13 23 00-0044	LF	6" x 8", Pressure Treated, Heavy Timber Beam	16.81	2.45
06 13 23 00-0045	LF	6" x 10", Pressure Treated, Heavy Timber Beam	20.27	2.62
06 13 23 00-0046	LF	6" x 12", Pressure Treated, Heavy Timber Beam	25.10	2.67
06 13 23 00-0047	LF	8" x 8", Pressure Treated, Heavy Timber Beam	25.42	2.53
06 13 23 00-0048	LF	8" x 10", Pressure Treated, Heavy Timber Beam	29.66	2.62
06 13 23 00-0049	LF	8" x 12", Pressure Treated, Heavy Timber Beam	35.07	2.67
06 13 23 00-0050	LF	10" x 10", Pressure Treated, Heavy Timber Beam	35.23	2.67
06 13 23 00-0051	LF	10" x 12", Pressure Treated, Heavy Timber Beam	46.93	2.91
06 13 23 00-0052	LF	12" x 12", Pressure Treated, Heavy Timber Beam	55.74	3.20
06 13 23 00-0053	BF	>12" To 16" Pressure Treated, Heavy Timber Beam Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	4.64	0.27

06 13 23 00-0054 Heavy Timber Columns *(06 13 23 00-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0055			**Pine, Heavy Timber Columns** *(06 13 23 00-0054)*		
	06 13 23 00-0056	LF	4" x 4", Pine, Heavy Timber Column	4.55	1.09
	06 13 23 00-0057	LF	4" x 6", Pine, Heavy Timber Column	5.86	1.15
	06 13 23 00-0058	LF	4" x 8", Pine, Heavy Timber Column	7.11	1.18
	06 13 23 00-0059	LF	4" x 10", Pine, Heavy Timber Column	9.74	1.25
	06 13 23 00-0060	LF	4" x 12", Pine, Heavy Timber Column	11.86	1.34
	06 13 23 00-0061	LF	6" x 6", Pine, Heavy Timber Column	7.79	1.21
	06 13 23 00-0062	LF	6" x 8", Pine, Heavy Timber Column	9.69	1.26
	06 13 23 00-0063	LF	6" x 10", Pine, Heavy Timber Column	13.60	1.38
	06 13 23 00-0064	LF	6" x 12", Pine, Heavy Timber Column	16.59	1.41
	06 13 23 00-0065	LF	8" x 8", Pine, Heavy Timber Column	12.19	1.34
	06 13 23 00-0066	LF	8" x 10", Pine, Heavy Timber Column	17.22	1.38
	06 13 23 00-0067	LF	8" x 12", Pine, Heavy Timber Column	21.23	1.44
	06 13 23 00-0068	LF	10" x 10", Pine, Heavy Timber Column	20.95	1.44
	06 13 23 00-0069	LF	10" x 12", Pine, Heavy Timber Column	26.04	1.53
	06 13 23 00-0070	LF	12" x 12", Pine, Heavy Timber Column	30.93	1.68
	06 13 23 00-0071	BF	>12" To 16" Pine, Heavy Timber Column Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	2.59	0.14
06 13 23 00-0072			**Douglas Fir, Heavy Timber Columns** *(06 13 23 00-0054)*		
	06 13 23 00-0073	LF	4" x 4", Douglas Fir, Heavy Timber Column	4.79	1.09
	06 13 23 00-0074	LF	4" x 6", Douglas Fir, Heavy Timber Column	6.22	1.15
	06 13 23 00-0075	LF	4" x 8", Douglas Fir, Heavy Timber Column	7.60	1.18
	06 13 23 00-0076	LF	4" x 10", Douglas Fir, Heavy Timber Column	10.47	1.25
	06 13 23 00-0077	LF	4" x 12", Douglas Fir, Heavy Timber Column	12.77	1.34
	06 13 23 00-0078	LF	6" x 6", Douglas Fir, Heavy Timber Column	8.32	1.21
	06 13 23 00-0079	LF	6" x 8", Douglas Fir, Heavy Timber Column	10.39	1.26
	06 13 23 00-0080	LF	6" x 10", Douglas Fir, Heavy Timber Column	14.67	1.38
	06 13 23 00-0081	LF	6" x 12", Douglas Fir, Heavy Timber Column	17.98	1.41
	06 13 23 00-0082	LF	8" x 8", Douglas Fir, Heavy Timber Column	13.14	1.34
	06 13 23 00-0083	LF	8" x 10", Douglas Fir, Heavy Timber Column	18.66	1.38
	06 13 23 00-0084	LF	8" x 12", Douglas Fir, Heavy Timber Column	23.07	1.44
	06 13 23 00-0085	LF	10" x 10", Douglas Fir, Heavy Timber Column	22.75	1.44
	06 13 23 00-0086	LF	10" x 12", Douglas Fir, Heavy Timber Column	28.31	1.53
	06 13 23 00-0087	LF	12" x 12", Douglas Fir, Heavy Timber Column	33.68	1.68
	06 13 23 00-0088	BF	>12" To 16" Douglas Fir, Heavy Timber Column Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	2.82	0.14
06 13 23 00-0089			**Pressure Treated, Heavy Timber Columns** *(06 13 23 00-0054)*		
	06 13 23 00-0090	LF	4" x 4", Pressure Treated, Heavy Timber Column	5.51	1.09
	06 13 23 00-0091	LF	4" x 6", Pressure Treated, Heavy Timber Column	7.61	1.15
	06 13 23 00-0092	LF	4" x 8", Pressure Treated, Heavy Timber Column	9.37	1.18
	06 13 23 00-0093	LF	4" x 10", Pressure Treated, Heavy Timber Column	13.14	1.25
	06 13 23 00-0094	LF	4" x 12", Pressure Treated, Heavy Timber Column	16.17	1.34
	06 13 23 00-0095	LF	6" x 6", Pressure Treated, Heavy Timber Column	11.40	1.21
	06 13 23 00-0096	LF	6" x 8", Pressure Treated, Heavy Timber Column	14.54	1.26
	06 13 23 00-0097	LF	6" x 10", Pressure Treated, Heavy Timber Column	17.79	1.38
	06 13 23 00-0098	LF	6" x 12", Pressure Treated, Heavy Timber Column	22.56	1.41
	06 13 23 00-0099	LF	8" x 8", Pressure Treated, Heavy Timber Column	23.02	1.34
	06 13 23 00-0100	LF	8" x 10", Pressure Treated, Heavy Timber Column	27.18	1.38
	06 13 23 00-0101	LF	8" x 12", Pressure Treated, Heavy Timber Column	32.48	1.44
	06 13 23 00-0102	LF	10" x 10", Pressure Treated, Heavy Timber Column	32.65	1.44
	06 13 23 00-0103	LF	10" x 12", Pressure Treated, Heavy Timber Column	44.17	1.53
	06 13 23 00-0104	LF	12" x 12", Pressure Treated, Heavy Timber Column	52.70	1.68
	06 13 23 00-0105	BF	>12" To 16" Pressure Treated, Heavy Timber Column Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	4.40	0.14

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.12	8.26
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.86	7.86
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.64	8.47
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.41	8.05

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.47	8.47
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.20	8.04
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.03	8.69
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	41.77	8.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.12	8.26
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.86	7.86
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.64	8.47
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.41	8.05
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.97	8.26
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.85	7.58
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	45.22	8.47
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	43.78	8.05
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	45.95	8.47
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.81	8.04
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	48.39	8.69
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	46.95	8.25
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.12	8.26
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	43.00	7.86
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	46.43	8.47
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	45.91	8.05
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.68	8.26
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.50	7.86
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	43.76	8.47
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.30	8.05
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.40	8.47
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.21	8.04
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	46.66	8.69
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	45.71	8.25
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	43.57	8.26
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.52	7.86
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.84	8.47
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	43.88	8.05
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.15	8.26
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.94	7.86
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.76	8.47
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.58	8.05
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.59	8.47
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.81	8.04
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.22	8.69
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.09	8.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.79	8.26
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.58	7.86
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	43.42	8.47
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.25	8.05
06 15 13 00-0066		Wood Ramp Systems *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0067		Pressure Treated Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0068		2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0069	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.58	8.05
06 15 13 00-0070	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.98	7.66
06 15 13 00-0071	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.25	8.26
06 15 13 00-0072	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.64	7.86
06 15 13 00-0073		2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0074	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.08	8.26
06 15 13 00-0075	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.43	7.86
06 15 13 00-0076	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.81	8.47
06 15 13 00-0077	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.17	8.05
06 15 13 00-0078		2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0079	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.62	8.46
06 15 13 00-0080	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.96	8.04
06 15 13 00-0081	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.40	8.69
06 15 13 00-0082	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.73	8.25
06 15 13 00-0083		Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0084		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0083)*		
06 15 13 00-0085	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	49.27	8.05
06 15 13 00-0086	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.79	7.66
06 15 13 00-0087	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	51.61	8.26
06 15 13 00-0088	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	49.80	7.86
06 15 13 00-0089		2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0083)*		
06 15 13 00-0090	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.93	8.26
06 15 13 00-0091	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.42	7.86
06 15 13 00-0092	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	53.39	8.47
06 15 13 00-0093	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	51.54	8.05
06 15 13 00-0094		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0083)*		
06 15 13 00-0095	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	54.12	8.46
06 15 13 00-0096	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.57	8.04
06 15 13 00-0097	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	56.77	8.69
06 15 13 00-0098	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	55.50	8.25
06 15 13 00-0099		Cypress With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0100		2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0099)*		
06 15 13 00-0101	SF	5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.05	8.05
06 15 13 00-0102	SF	5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.52	7.66
06 15 13 00-0103	SF	2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	50.24	8.26
06 15 13 00-0104	SF	2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.41	7.86
06 15 13 00-0105		2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0099)*		
06 15 13 00-0106	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.64	8.26
06 15 13 00-0107	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.07	7.86
06 15 13 00-0108	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	51.93	8.47
06 15 13 00-0109	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.06	8.05
06 15 13 00-0110		2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0099)*		
06 15 13 00-0111	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.48	8.46
06 15 13 00-0112	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.97	8.04
06 15 13 00-0113	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	55.03	8.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0114	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	53.67	8.25
06 15 13 00-0115		Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0116		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0115)*		
06 15 13 00-0117	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.53	8.05
06 15 13 00-0118	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.97	7.66
06 15 13 00-0119	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	49.28	8.26
06 15 13 00-0120	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.72	7.86
06 15 13 00-0121		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0115)*		
06 15 13 00-0122	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.09	8.26
06 15 13 00-0123	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.49	7.86
06 15 13 00-0124	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.90	8.47
06 15 13 00-0125	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.32	8.05
06 15 13 00-0126		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0115)*		
06 15 13 00-0127	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.72	8.46
06 15 13 00-0128	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.08	8.04
06 15 13 00-0129	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.57	8.69
06 15 13 00-0130	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.95	8.25
06 15 13 00-0131		Wood Stair Systems *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0132		Pressure Treated Wood Stair System *(06 15 13 00-0131)*		
06 15 13 00-0133		2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0132)*		
06 15 13 00-0134	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.27	19.83
06 15 13 00-0135	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.34	18.84
06 15 13 00-0136	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.24	20.35
06 15 13 00-0137	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.64	19.33
06 15 13 00-0138	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.63	20.83
06 15 13 00-0139	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.55	19.79
06 15 13 00-0140	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.80	21.36
06 15 13 00-0141	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.03	20.29
06 15 13 00-0142	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.15	21.87
06 15 13 00-0143	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.91	20.78
06 15 13 00-0144	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.52	22.43
06 15 13 00-0145	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.55	21.30
06 15 13 00-0146	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.91	22.97
06 15 13 00-0147	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.59	21.81
06 15 13 00-0148	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	153.56	23.55
06 15 13 00-0149	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.46	22.38
06 15 13 00-0150		2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0132)*		
06 15 13 00-0151	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	129.96	20.33
06 15 13 00-0152	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.42	19.32
06 15 13 00-0153	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	134.18	20.85
06 15 13 00-0154	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.55	19.81
06 15 13 00-0155	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.47	21.35
06 15 13 00-0156	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.74	20.28
06 15 13 00-0157	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.89	21.89
06 15 13 00-0158	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.08	20.80
06 15 13 00-0159	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.14	22.41
06 15 13 00-0160	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.21	21.29
06 15 13 00-0161	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.75	22.99
06 15 13 00-0162	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.77	21.85
06 15 13 00-0163	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.05	23.54
06 15 13 00-0164	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.00	22.37
06 15 13 00-0165	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.98	24.14
06 15 13 00-0166	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.86	22.94
06 15 13 00-0167		Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0131)*		
06 15 13 00-0168		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0167)*		
06 15 13 00-0169	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.13	19.83
06 15 13 00-0170	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.05	18.84
06 15 13 00-0171	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.09	20.35
06 15 13 00-0172	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.99	19.33
06 15 13 00-0173	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	150.29	20.83
06 15 13 00-0174	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	147.05	19.79
06 15 13 00-0175	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	155.49	21.36
06 15 13 00-0176	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	152.24	20.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0177	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.55	21.87
06 15 13 00-0178	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	154.15	20.78
06 15 13 00-0179	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	163.01	22.43
06 15 13 00-0180	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	159.58	21.30
06 15 13 00-0181	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	168.05	22.97
06 15 13 00-0182	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	164.56	21.81
06 15 13 00-0183	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	173.90	23.55
06 15 13 00-0184	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	170.40	22.38
06 15 13 00-0185		**2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0167)*		
06 15 13 00-0186	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	141.15	20.33
06 15 13 00-0187	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	138.00	19.32
06 15 13 00-0188	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.83	20.85
06 15 13 00-0189	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	142.74	19.81
06 15 13 00-0190	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.22	21.35
06 15 13 00-0191	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.90	20.28
06 15 13 00-0192	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	153.11	21.89
06 15 13 00-0193	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	149.88	20.80
06 15 13 00-0194	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	155.41	22.41
06 15 13 00-0195	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.92	21.29
06 15 13 00-0196	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	160.52	22.99
06 15 13 00-0197	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	157.14	21.85
06 15 13 00-0198	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	165.55	23.54
06 15 13 00-0199	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	161.98	22.37
06 15 13 00-0200	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	171.04	24.14
06 15 13 00-0201	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	167.57	22.94
06 15 13 00-0202		**Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0203		**2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0202)*		
06 15 13 00-0204	RSR	3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.58	19.83
06 15 13 00-0205	RSR	3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.33	18.84
06 15 13 00-0206	RSR	3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.26	20.35
06 15 13 00-0207	RSR	3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.95	19.33
06 15 13 00-0208	RSR	3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.46	20.83
06 15 13 00-0209	RSR	3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.05	19.79
06 15 13 00-0210	RSR	3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.37	21.36
06 15 13 00-0211	RSR	3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.90	20.29
06 15 13 00-0212	RSR	4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	151.46	21.87
06 15 13 00-0213	RSR	4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	147.88	20.78
06 15 13 00-0214	RSR	4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	156.61	22.43
06 15 13 00-0215	RSR	4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	152.95	21.30
06 15 13 00-0216	RSR	5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	161.35	22.97
06 15 13 00-0217	RSR	5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.66	21.81
06 15 13 00-0218	RSR	5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	166.86	23.55
06 15 13 00-0219	RSR	5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	163.11	22.38
06 15 13 00-0220		**2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0202)*		
06 15 13 00-0221	RSR	3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.12	20.33
06 15 13 00-0222	RSR	3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.81	19.32
06 15 13 00-0223	RSR	3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.54	20.85
06 15 13 00-0224	RSR	3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.24	19.81
06 15 13 00-0225	RSR	3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	142.94	21.35
06 15 13 00-0226	RSR	3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.44	20.28
06 15 13 00-0227	RSR	3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.57	21.89
06 15 13 00-0228	RSR	3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.10	20.80
06 15 13 00-0229	RSR	4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	149.89	22.41
06 15 13 00-0230	RSR	4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	146.22	21.29
06 15 13 00-0231	RSR	4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	154.73	22.99
06 15 13 00-0232	RSR	4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.10	21.85
06 15 13 00-0233	RSR	5' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	159.48	23.54
06 15 13 00-0234	RSR	5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	155.71	22.37
06 15 13 00-0235	RSR	5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	164.66	24.14
06 15 13 00-0236	RSR	5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists	160.92	22.94
06 15 13 00-0237		**Cedar With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0238		**2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0237)*		
06 15 13 00-0239	RSR	3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.23	19.83
06 15 13 00-0240	RSR	3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	128.53	18.84
06 15 13 00-0241	RSR	3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	135.39	20.35
06 15 13 00-0242	RSR	3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.95	19.33
06 15 13 00-0243	RSR	3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.79	20.83
06 15 13 00-0244	RSR	3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.95	19.79
06 15 13 00-0245	RSR	3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.16	21.36
06 15 13 00-0246	RSR	3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.55	20.29
06 15 13 00-0247	RSR	4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.50	21.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0248	RSR	4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.50	20.78
06 15 13 00-0249	RSR	4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.07	22.43
06 15 13 00-0250	RSR	4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.28	21.30
06 15 13 00-0251	RSR	5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	153.69	22.97
06 15 13 00-0252	RSR	5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	150.65	21.81
06 15 13 00-0253	RSR	5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	158.57	23.55
06 15 13 00-0254	RSR	5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	154.67	22.38
06 15 13 00-0255		2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0237)*		
06 15 13 00-0256	RSR	3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.96	20.33
06 15 13 00-0257	RSR	3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.59	19.32
06 15 13 00-0258	RSR	3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	138.39	20.85
06 15 13 00-0259	RSR	3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	134.94	19.81
06 15 13 00-0260	RSR	3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.67	21.35
06 15 13 00-0261	RSR	3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.11	20.28
06 15 13 00-0262	RSR	3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.31	21.89
06 15 13 00-0263	RSR	3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	141.68	20.80
06 15 13 00-0264	RSR	4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.52	22.41
06 15 13 00-0265	RSR	4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.78	21.29
06 15 13 00-0266	RSR	4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.37	22.99
06 15 13 00-0267	RSR	4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.58	21.85
06 15 13 00-0268	RSR	5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.87	23.54
06 15 13 00-0269	RSR	5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	153.03	22.37
06 15 13 00-0270	RSR	5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	162.07	24.14
06 15 13 00-0271	RSR	5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	158.15	22.94
06 15 13 00-0272		Wood Deck And Ramp Systems Repairs *(06 15 13)* Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0273		Deck Joist Or Girt *(06 15 13 00-0272)* See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0274		Deck Boards *(06 15 13 00-0272)* See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0275	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.38	0.90
06 15 13 00-0276	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.61	1.06
06 15 13 00-0277	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.49	1.06
06 15 13 00-0278	LF	2" x 6" Round Edge Pressure Treated Deck Boards	3.32	1.22
06 15 13 00-0279	LF	2" x 8" Round Edge Pressure Treated Deck Boards	4.28	1.47
06 15 13 00-0280	LF	2" x 10" Round Edge Pressure Treated Deck Boards	5.25	1.79
06 15 13 00-0281	LF	2" x 12" Round Edge Pressure Treated Deck Boards	6.51	2.12
06 15 13 00-0282	LF	2" x 4" Round Edge Cedar Deck Boards	2.89	1.06
06 15 13 00-0283	LF	2" x 6" Round Edge Cedar Deck Boards	3.77	1.22
06 15 13 00-0284	LF	2" x 4" Round Edge Redwood Deck Boards	3.19	1.06
06 15 13 00-0285	LF	2" x 6" Round Edge Redwood Deck Boards	4.22	1.22
06 15 13 00-0286		Deck Posts *(06 15 13 00-0272)* See CSI section 06 11 16 00-0105 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0287		Deck Railing And Pickets *(06 15 13 00-0272)* See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0288	LF	2" x 4" Pressure Treated Deck Railing	2.49	1.06
06 15 13 00-0289	LF	2" x 2" Pressure Treated Deck Railing Picket	1.75	0.82
06 15 13 00-0290	LF	2" x 4" Cedar Deck Railing	2.89	1.06
06 15 13 00-0291	LF	2" x 2" Cedar Deck Railing Picket	2.17	0.82
06 15 13 00-0292	LF	2" x 4" Redwood Deck Railing	3.19	1.06
06 15 13 00-0293	LF	2" x 2" Redwood Deck Railing Picket	2.40	0.82

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		Board Type Subflooring *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	3.32	0.93
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	3.71	1.16
		For Water Resistant Coating Or Treatment, Add	*0.07*	
		For Foil Backing, Add	*0.12*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	3.19	0.82
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	3.46	0.93
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001 Plywood *(06 16 33)*

06 16 33 00-0002 Roof Decking *(06 16 33 00-0001)*

06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.02	0.58
		For Shear Wall Construction, Add	*0.27*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.27*	
		For ACQ Preservative Treatment, Add	*0.31*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.06*	
		For Fire Retardant Treatment, Add	*0.51*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.29	0.69
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For ACQ Preservative Treatment, Add	*0.38*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.25*	
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.65	0.69
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.16*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For ACQ Preservative Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.42*	
		For Fire Retardant Treatment, Add	*0.82*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.93	0.82
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For ACQ Preservative Treatment, Add	*0.58*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.95*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	3.52	0.93
		For Shear Wall Construction, Add	*0.38*	
		For Exterior CC Grade Plywood, Add	*0.24*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.38*	
		For ACQ Preservative Treatment, Add	*0.78*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.85*	
		For Fire Retardant Treatment, Add	*1.28*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.23*	
		For >12,800, Deduct	*-0.29*	
		For Tongue And Groove, Add	*0.11*	

06 16 33 00-0008 Wall Sheathing *(06 16 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing	2.38	0.82
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.51*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing	2.41	0.82
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.54*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing	2.47	0.93
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.18*	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing	2.79	0.93
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.37*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Ceiling Installation, Add	*0.19*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.79*	
		For Fire Retardant Treatment, Add	*0.73*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing	3.17	1.05
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.40*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.40*	
		For Ceiling Installation, Add	*0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.99*	
		For Fire Retardant Treatment, Add	*0.93*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.24*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing	3.50	1.16
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.43*	
		For Exterior CC Grade Plywood, Add	*0.20*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.43*	
		For Ceiling Installation, Add	*0.22*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.23*	
		For Fire Retardant Treatment, Add	*1.07*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.27*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking	1.82	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.95*	
		For Fire Retardant Treatment, Add	*0.41*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.25*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.92	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.43*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.26*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.42*	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.17	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.19*	
		For Fire Retardant Treatment, Add	*0.56*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For ACQ Preservative Treatment, Add	*0.34*	
		For Fir Plywood, Add	*0.13*	
		For BC Grade Plywood, Add	*0.11*	
		For Exterior Glue, Add	*0.07*	
		For Marine Grade, Add	*0.56*	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.49	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.39*	
		For Fire Retardant Treatment, Add	*0.71*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For ACQ Preservative Treatment, Add	*0.43*	
		For Fir Plywood, Add	*0.17*	
		For BC Grade Plywood, Add	*0.13*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.70*	
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.82	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.51*	
		For Fire Retardant Treatment, Add	*0.91*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
		For ACQ Preservative Treatment, Add	*0.55*	
		For Fir Plywood, Add	*0.21*	
		For BC Grade Plywood, Add	*0.17*	
		For Exterior Glue, Add	*0.11*	
		For Marine Grade, Add	*0.90*	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	4.18	1.05
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.00*	
		For Fire Retardant Treatment, Add	*1.72*	
		For >1,696 To 3,200, Deduct	*-0.13*	
		For >3,200 To 6,400, Deduct	*-0.20*	
		For >6,400 To 12,800, Deduct	*-0.29*	
		For >12,800, Deduct	*-0.36*	
		For ACQ Preservative Treatment, Add	*1.05*	
		For Fir Plywood, Add	*0.40*	
		For BC Grade Plywood, Add	*0.32*	
		For Exterior Glue, Add	*0.20*	
		For Marine Grade, Add	*1.71*	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.60	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.19*	
		For Fire Retardant Treatment, Add	*0.90*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For ACQ Preservative Treatment, Add	*0.55*	
		For Exterior Glue, Add	*0.11*	
		For Marine Grade, Add	*0.89*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.99	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.39*	
		For Fire Retardant Treatment, Add	*1.11*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.25*	
		For ACQ Preservative Treatment, Add	*0.67*	
		For Exterior Glue, Add	*0.13*	
		For Marine Grade, Add	*1.10*	
		For Tongue And Groove, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking	3.20	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.52*	
		For Fire Retardant Treatment, Add	*1.20*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.27*	
		For ACQ Preservative Treatment, Add	*0.73*	
		For Exterior Glue, Add	*0.14*	
		For Marine Grade, Add	*1.19*	
		For Tongue And Groove, Add	*0.11*	
06 16 33 00-0025		Underlayment Grade *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade	1.96	0.69
		For Fire Retardant Treatment, Add	*0.48*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade	2.09	0.69
		For Fire Retardant Treatment, Add	*0.53*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade	2.16	0.82
		For Fire Retardant Treatment, Add	*0.57*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade	2.47	0.82
		For Fire Retardant Treatment, Add	*0.68*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade	2.65	0.82
		For Fire Retardant Treatment, Add	*0.82*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.38	0.93
		For Fire Retardant Treatment, Add	*1.25*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.28*	
		For Tongue And Groove, Add	*0.11*	
06 16 33 00-0032	SF	3/8" Thick CDX Plywood Underlayment Grade	2.23	0.69
		For Fire Retardant Treatment, Add	*0.64*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0033	SF	5/8" Thick CDX Plywood Underlayment Grade	2.82	0.82
		For Fire Retardant Treatment, Add	*0.97*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.23*	
06 16 33 00-0034		Oriented Strand Board *(06 16 33)*		
06 16 33 00-0035		On Roof *(06 16 33 00-0034)*		
06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.76	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.31*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.06*	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	1.96	0.69
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.27	0.82
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.52*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.42*	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.61	0.82
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.70*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	

06 16 33 00-0040 On Walls *(06 16 33 00-0034)*

06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.12	0.82
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.31*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.32	0.93
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.79*	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.65	1.05
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.18*	
		For Fire Retardant Treatment, Add	*0.52*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.99*	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	3.03	1.05
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Fire Retardant Treatment, Add	*0.70*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.23*	

06 16 33 00-0045 On Floors *(06 16 33 00-0034)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.79	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.31*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.10*	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.13	0.82
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.51*	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.48	0.93
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.52*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.73*	
06 16 33 00-0049	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.87	1.05
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Fire Retardant Treatment, Add	*0.70*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.99*	

06 16 33 00-0050 Particle Board *(06 16 33)*

06 16 33 00-0051 Particle Board Floor Decking *(06 16 33 00-0050)*

Note: Includes patching of seams and all fastener holes where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0052	SF	3/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	1.98	0.58
		For Fire Retardant Treatment Add	*0.47*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0053	SF	1/2" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.26	0.58
		For Fire Retardant Treatment Add	*0.64*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0054	SF	5/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.56	0.69
		For Fire Retardant Treatment Add	*0.81*	
		For >1,536 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0055	SF	3/4" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.82	0.69
		For Fire Retardant Treatment Add	*0.95*	
		For >1,536 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.23*	
		For Tongue And Groove, Add	*0.08*	

06 16 43 Gypsum Sheathing *(06 16)*

06 16 43 00-0001 Exterior Gypsum Sheathing *(06 16 43)*

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.52	0.93
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.79*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Ceiling Installation, Add	*0.19*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.23*	
		For >12,800, Deduct	*-0.29*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.79	1.16
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.99*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.40*	
		For Ceiling Installation, Add	*0.20*	
		For >1,696 To 3,200, Deduct	*-0.11*	
		For >3,200 To 6,400, Deduct	*-0.16*	
		For >6,400 To 12,800, Deduct	*-0.25*	
		For >12,800, Deduct	*-0.32*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep (LVL) Laminated Veneer Lumber	8.47	2.01
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep (LVL) Laminated Veneer Lumber	9.32	2.05
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep (LVL) Laminated Veneer Lumber	10.32	2.08
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep (LVL) Laminated Veneer Lumber	11.56	2.11
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep (LVL) Laminated Veneer Lumber	12.50	2.14
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep (LVL) Laminated Veneer Lumber	13.81	2.22
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep (LVL) Laminated Veneer Lumber	15.71	2.25
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep (LVL) Laminated Veneer Lumber	21.61	2.56

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" (LSL) Laminated Strand Lumber	2.94	0.93
06 17 23 00-0003	LF	2" x 6" (LSL) Laminated Strand Lumber	4.00	0.99

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.27	1.33
		For I-Joists 30' To 40' In Length, Add	*0.58*	
		For I-Joists >40' In Length, Add	*1.43*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.66	1.48
		For I-Joists 30' To 40' In Length, Add	*0.65*	
		For I-Joists >40' In Length, Add	*1.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.64	1.66
		For I-Joists 30' To 40' In Length, Add	*0.73*	
		For I-Joists >40' In Length, Add	*1.79*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	7.49	1.85
		For I-Joists 30' To 40' In Length, Add	*0.81*	
		For I-Joists >40' In Length, Add	*1.99*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	6.79	2.08
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	7.45	2.11
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	8.23	2.14

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	203.20	77.51
		For Up To 15, Add	*3.61*	
		For >35, Deduct	*-2.41*	
		For 3 In 12 Slope, Add	*1.45*	
		For 5 In 12 Slope, Add	*3.85*	
		For 6 In 12 Slope, Add	*7.23*	
		For 7 In 12 Slope, Add	*9.63*	
		For 8 In 12 Slope, Add	*11.56*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	226.04	84.89
		For Up To 15, Add	*4.22*	
		For >35, Deduct	*-2.81*	
		For 3 In 12 Slope, Add	*1.69*	
		For 5 In 12 Slope, Add	*4.50*	
		For 6 In 12 Slope, Add	*8.44*	
		For 7 In 12 Slope, Add	*11.25*	
		For 8 In 12 Slope, Add	*13.50*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	252.25	92.28
		For Up To 15, Add	*5.08*	
		For >35, Deduct	*-3.39*	
		For 3 In 12 Slope, Add	*2.03*	
		For 5 In 12 Slope, Add	*5.42*	
		For 6 In 12 Slope, Add	*10.16*	
		For 7 In 12 Slope, Add	*13.54*	
		For 8 In 12 Slope, Add	*16.25*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	287.29	99.66
		For Up To 15, Add	*6.60*	
		For >35, Deduct	*-4.40*	
		For 3 In 12 Slope, Add	*2.64*	
		For 5 In 12 Slope, Add	*7.04*	
		For 6 In 12 Slope, Add	*13.20*	
		For 7 In 12 Slope, Add	*17.59*	
		For 8 In 12 Slope, Add	*21.11*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	317.25	107.04
		For Up To 15, Add	*7.74*	
		For >35, Deduct	*-5.16*	
		For 3 In 12 Slope, Add	*3.10*	
		For 5 In 12 Slope, Add	*8.25*	
		For 6 In 12 Slope, Add	*15.48*	
		For 7 In 12 Slope, Add	*20.63*	
		For 8 In 12 Slope, Add	*24.76*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	332.56	118.11
		For Up To 15, Add	*7.22*	
		For >35, Deduct	*-4.82*	
		For 3 In 12 Slope, Add	*2.89*	
		For 5 In 12 Slope, Add	*7.71*	
		For 6 In 12 Slope, Add	*14.45*	
		For 7 In 12 Slope, Add	*19.27*	
		For 8 In 12 Slope, Add	*23.12*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	350.13	188.24
		For Up To 15, Add	*7.44*	
		For >35, Deduct	*-4.96*	
		For 3 In 12 Slope, Add	*2.97*	
		For 5 In 12 Slope, Add	*7.93*	
		For 6 In 12 Slope, Add	*14.87*	
		For 7 In 12 Slope, Add	*19.83*	
		For 8 In 12 Slope, Add	*23.79*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	373.30	132.88
		For Up To 15, Add	*8.07*	
		For >35, Deduct	*-5.38*	
		For 3 In 12 Slope, Add	*3.23*	
		For 5 In 12 Slope, Add	*8.60*	
		For 6 In 12 Slope, Add	*16.13*	
		For 7 In 12 Slope, Add	*21.51*	
		For 8 In 12 Slope, Add	*25.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	397.38	210.39
		For Up To 15, Add	*8.76*	
		For >35, Deduct	*-5.84*	
		For 3 In 12 Slope, Add	*3.51*	
		For 5 In 12 Slope, Add	*9.35*	
		For 6 In 12 Slope, Add	*17.53*	
		For 7 In 12 Slope, Add	*23.37*	
		For 8 In 12 Slope, Add	*28.05*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	422.68	147.64
		For Up To 15, Add	*9.55*	
		For >35, Deduct	*-6.37*	
		For 3 In 12 Slope, Add	*3.82*	
		For 5 In 12 Slope, Add	*10.19*	
		For 6 In 12 Slope, Add	*19.11*	
		For 7 In 12 Slope, Add	*25.48*	
		For 8 In 12 Slope, Add	*30.57*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	441.48	232.54
		For Up To 15, Add	*9.86*	
		For >35, Deduct	*-6.57*	
		For 3 In 12 Slope, Add	*3.94*	
		For 5 In 12 Slope, Add	*10.52*	
		For 6 In 12 Slope, Add	*19.72*	
		For 7 In 12 Slope, Add	*26.29*	
		For 8 In 12 Slope, Add	*31.55*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	462.00	158.72
		For Up To 15, Add	*10.84*	
		For >35, Deduct	*-7.23*	
		For 3 In 12 Slope, Add	*4.34*	
		For 5 In 12 Slope, Add	*11.57*	
		For 6 In 12 Slope, Add	*21.69*	
		For 7 In 12 Slope, Add	*28.91*	
		For 8 In 12 Slope, Add	*34.70*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	505.55	249.22
		For Up To 15, Add	*13.00*	
		For >35, Deduct	*-8.67*	
		For 3 In 12 Slope, Add	*5.20*	
		For 5 In 12 Slope, Add	*13.87*	
		For 6 In 12 Slope, Add	*26.00*	
		For 7 In 12 Slope, Add	*34.67*	
		For 8 In 12 Slope, Add	*41.60*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	526.57	169.78
		For Up To 15, Add	*14.02*	
		For >35, Deduct	*-9.35*	
		For 3 In 12 Slope, Add	*5.61*	
		For 5 In 12 Slope, Add	*14.96*	
		For 6 In 12 Slope, Add	*28.05*	
		For 7 In 12 Slope, Add	*37.40*	
		For 8 In 12 Slope, Add	*44.88*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	554.10	265.75
		For Up To 15, Add	*14.98*	
		For >35, Deduct	*-9.99*	
		For 3 In 12 Slope, Add	*5.99*	
		For 5 In 12 Slope, Add	*15.98*	
		For 6 In 12 Slope, Add	*29.96*	
		For 7 In 12 Slope, Add	*39.95*	
		For 8 In 12 Slope, Add	*47.94*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	573.14	184.55
		For Up To 15, Add	*15.30*	
		For >35, Deduct	*-10.20*	
		For 3 In 12 Slope, Add	*6.12*	
		For 5 In 12 Slope, Add	*16.32*	
		For 6 In 12 Slope, Add	*30.61*	
		For 7 In 12 Slope, Add	*40.81*	
		For 8 In 12 Slope, Add	*48.97*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	631.05	287.90
		For Up To 15, Add	*18.54*	
		For >35, Deduct	*-12.36*	
		For 3 In 12 Slope, Add	*7.42*	
		For 5 In 12 Slope, Add	*19.77*	
		For 6 In 12 Slope, Add	*37.08*	
		For 7 In 12 Slope, Add	*49.44*	
		For 8 In 12 Slope, Add	*59.32*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	687.79	199.32
		For Up To 15, Add	*21.69*	
		For >35, Deduct	*-14.46*	
		For 3 In 12 Slope, Add	*8.67*	
		For 5 In 12 Slope, Add	*23.13*	
		For 6 In 12 Slope, Add	*43.37*	
		For 7 In 12 Slope, Add	*57.83*	
		For 8 In 12 Slope, Add	*69.40*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	711.87	206.70
		For Up To 15, Add	*22.39*	
		For >35, Deduct	*-14.92*	
		For 3 In 12 Slope, Add	*8.95*	
		For 5 In 12 Slope, Add	*23.88*	
		For 6 In 12 Slope, Add	*44.77*	
		For 7 In 12 Slope, Add	*59.69*	
		For 8 In 12 Slope, Add	*71.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	747.21	214.08
		For Up To 15, Add	*23.93*	
		For >35, Deduct	*-15.95*	
		For 3 In 12 Slope, Add	*9.57*	
		For 5 In 12 Slope, Add	*25.52*	
		For 6 In 12 Slope, Add	*47.86*	
		For 7 In 12 Slope, Add	*63.81*	
		For 8 In 12 Slope, Add	*76.57*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	851.33	221.46
		For Up To 15, Add	*30.63*	
		For >35, Deduct	*-20.42*	
		For 3 In 12 Slope, Add	*12.25*	
		For 5 In 12 Slope, Add	*32.67*	
		For 6 In 12 Slope, Add	*61.26*	
		For 7 In 12 Slope, Add	*81.68*	
		For 8 In 12 Slope, Add	*98.02*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	808.20	199.17
		For Up To 15, Add	*27.40*	
		For >35, Deduct	*-18.26*	
		For 3 In 12 Slope, Add	*10.96*	
		For 5 In 12 Slope, Add	*29.22*	
		For 6 In 12 Slope, Add	*54.79*	
		For 7 In 12 Slope, Add	*73.05*	
		For 8 In 12 Slope, Add	*87.66*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	847.98	232.54
		For Up To 15, Add	*28.72*	
		For >35, Deduct	*-19.15*	
		For 3 In 12 Slope, Add	*11.49*	
		For 5 In 12 Slope, Add	*30.63*	
		For 6 In 12 Slope, Add	*57.44*	
		For 7 In 12 Slope, Add	*76.58*	
		For 8 In 12 Slope, Add	*91.90*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	881.57	215.55
		For Up To 15, Add	*30.13*	
		For >35, Deduct	*-20.09*	
		For 3 In 12 Slope, Add	*12.05*	
		For 5 In 12 Slope, Add	*32.14*	
		For 6 In 12 Slope, Add	*60.26*	
		For 7 In 12 Slope, Add	*80.35*	
		For 8 In 12 Slope, Add	*96.42*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	911.26	243.61
		For Up To 15, Add	*31.80*	
		For >35, Deduct	*-21.20*	
		For 3 In 12 Slope, Add	*12.72*	
		For 5 In 12 Slope, Add	*33.92*	
		For 6 In 12 Slope, Add	*63.61*	
		For 7 In 12 Slope, Add	*84.81*	
		For 8 In 12 Slope, Add	*101.77*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	930.13	247.30
		For Up To 15, Add	*32.66*	
		For >35, Deduct	*-21.78*	
		For 3 In 12 Slope, Add	*13.07*	
		For 5 In 12 Slope, Add	*34.84*	
		For 6 In 12 Slope, Add	*65.33*	
		For 7 In 12 Slope, Add	*87.11*	
		For 8 In 12 Slope, Add	*104.53*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	209.32	77.51
		For 3 In 12 Slope, Add	*1.63*	
		For 5 In 12 Slope, Add	*4.34*	
		For 6 In 12 Slope, Add	*8.14*	
		For 7 In 12 Slope, Add	*10.86*	
		For 8 In 12 Slope, Add	*13.03*	
		For 16" On Center Gable Studs, Add	*10.86*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	233.20	84.89
		For 3 In 12 Slope, Add	*1.90*	
		For 5 In 12 Slope, Add	*5.07*	
		For 6 In 12 Slope, Add	*9.51*	
		For 7 In 12 Slope, Add	*12.68*	
		For 8 In 12 Slope, Add	*15.22*	
		For 16" On Center Gable Studs, Add	*12.68*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	260.86	92.28
		For 3 In 12 Slope, Add	*2.29*	
		For 5 In 12 Slope, Add	*6.10*	
		For 6 In 12 Slope, Add	*11.45*	
		For 7 In 12 Slope, Add	*15.26*	
		For 8 In 12 Slope, Add	*18.31*	
		For 16" On Center Gable Studs, Add	*15.26*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	298.48	99.66
		For 3 In 12 Slope, Add	*2.97*	
		For 5 In 12 Slope, Add	*7.93*	
		For 6 In 12 Slope, Add	*14.87*	
		For 7 In 12 Slope, Add	*19.83*	
		For 8 In 12 Slope, Add	*23.80*	
		For 16" On Center Gable Studs, Add	*19.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	330.37	107.04
		For 3 In 12 Slope, Add	*3.49*	
		For 5 In 12 Slope, Add	*9.30*	
		For 6 In 12 Slope, Add	*17.44*	
		For 7 In 12 Slope, Add	*23.26*	
		For 8 In 12 Slope, Add	*27.91*	
		For 16" On Center Gable Studs, Add	*23.26*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	358.59	118.11
		For 3 In 12 Slope, Add	*3.67*	
		For 5 In 12 Slope, Add	*9.79*	
		For 6 In 12 Slope, Add	*18.35*	
		For 7 In 12 Slope, Add	*24.47*	
		For 8 In 12 Slope, Add	*29.37*	
		For 16" On Center Gable Studs, Add	*24.47*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	376.91	125.49
		For 3 In 12 Slope, Add	*3.78*	
		For 5 In 12 Slope, Add	*10.07*	
		For 6 In 12 Slope, Add	*18.89*	
		For 7 In 12 Slope, Add	*25.18*	
		For 8 In 12 Slope, Add	*30.22*	
		For 16" On Center Gable Studs, Add	*25.18*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	402.35	132.88
		For 3 In 12 Slope, Add	*4.10*	
		For 5 In 12 Slope, Add	*10.93*	
		For 6 In 12 Slope, Add	*20.49*	
		For 7 In 12 Slope, Add	*27.32*	
		For 8 In 12 Slope, Add	*32.78*	
		For 16" On Center Gable Studs, Add	*27.32*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	428.94	140.26
		For 3 In 12 Slope, Add	*4.45*	
		For 5 In 12 Slope, Add	*11.87*	
		For 6 In 12 Slope, Add	*22.26*	
		For 7 In 12 Slope, Add	*29.68*	
		For 8 In 12 Slope, Add	*35.62*	
		For 16" On Center Gable Studs, Add	*29.68*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	457.10	147.64
		For 3 In 12 Slope, Add	*4.85*	
		For 5 In 12 Slope, Add	*12.94*	
		For 6 In 12 Slope, Add	*24.27*	
		For 7 In 12 Slope, Add	*32.36*	
		For 8 In 12 Slope, Add	*38.83*	
		For 16" On Center Gable Studs, Add	*32.36*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	478.40	155.03
		For 3 In 12 Slope, Add	*5.05*	
		For 5 In 12 Slope, Add	*13.47*	
		For 6 In 12 Slope, Add	*25.25*	
		For 7 In 12 Slope, Add	*33.67*	
		For 8 In 12 Slope, Add	*40.41*	
		For 16" On Center Gable Studs, Add	*33.67*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	502.63	158.72
		For 3 In 12 Slope, Add	*5.56*	
		For 5 In 12 Slope, Add	*14.82*	
		For 6 In 12 Slope, Add	*27.78*	
		For 7 In 12 Slope, Add	*37.04*	
		For 8 In 12 Slope, Add	*44.45*	
		For 16" On Center Gable Studs, Add	*37.04*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	554.25	166.09
		For 3 In 12 Slope, Add	*6.66*	
		For 5 In 12 Slope, Add	*17.76*	
		For 6 In 12 Slope, Add	*33.31*	
		For 7 In 12 Slope, Add	*44.41*	
		For 8 In 12 Slope, Add	*53.29*	
		For 16" On Center Gable Studs, Add	*44.41*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	579.12	169.78
		For 3 In 12 Slope, Add	*7.19*	
		For 5 In 12 Slope, Add	*19.16*	
		For 6 In 12 Slope, Add	*35.93*	
		For 7 In 12 Slope, Add	*47.91*	
		For 8 In 12 Slope, Add	*57.49*	
		For 16" On Center Gable Studs, Add	*47.91*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	610.23	177.17
		For 3 In 12 Slope, Add	*7.68*	
		For 5 In 12 Slope, Add	*20.47*	
		For 6 In 12 Slope, Add	*38.38*	
		For 7 In 12 Slope, Add	*51.18*	
		For 8 In 12 Slope, Add	*61.41*	
		For 16" On Center Gable Studs, Add	*51.18*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	646.94	184.55
		For 3 In 12 Slope, Add	*8.34*	
		For 5 In 12 Slope, Add	*22.23*	
		For 6 In 12 Slope, Add	*41.68*	
		For 7 In 12 Slope, Add	*55.57*	
		For 8 In 12 Slope, Add	*66.68*	
		For 16" On Center Gable Studs, Add	*55.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	720.46	191.94
		For 3 In 12 Slope, Add	*10.10*	
		For 5 In 12 Slope, Add	*26.93*	
		For 6 In 12 Slope, Add	*50.49*	
		For 7 In 12 Slope, Add	*67.32*	
		For 8 In 12 Slope, Add	*80.78*	
		For 16" On Center Gable Studs, Add	*67.32*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	792.39	199.32
		For 3 In 12 Slope, Add	*11.81*	
		For 5 In 12 Slope, Add	*31.50*	
		For 6 In 12 Slope, Add	*59.06*	
		For 7 In 12 Slope, Add	*78.75*	
		For 8 In 12 Slope, Add	*94.50*	
		For 16" On Center Gable Studs, Add	*78.75*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	819.83	206.70
		For 3 In 12 Slope, Add	*12.19*	
		For 5 In 12 Slope, Add	*32.51*	
		For 6 In 12 Slope, Add	*60.96*	
		For 7 In 12 Slope, Add	*81.29*	
		For 8 In 12 Slope, Add	*97.54*	
		For 16" On Center Gable Studs, Add	*81.29*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	862.60	214.08
		For 3 In 12 Slope, Add	*13.03*	
		For 5 In 12 Slope, Add	*34.76*	
		For 6 In 12 Slope, Add	*65.17*	
		For 7 In 12 Slope, Add	*86.89*	
		For 8 In 12 Slope, Add	*104.27*	
		For 16" On Center Gable Studs, Add	*86.89*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	941.44	221.46
		For 3 In 12 Slope, Add	*14.96*	
		For 5 In 12 Slope, Add	*39.88*	
		For 6 In 12 Slope, Add	*74.78*	
		For 7 In 12 Slope, Add	*99.70*	
		For 8 In 12 Slope, Add	*119.64*	
		For 16" On Center Gable Studs, Add	*99.70*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	962.85	228.84
		For 3 In 12 Slope, Add	*15.15*	
		For 5 In 12 Slope, Add	*40.41*	
		For 6 In 12 Slope, Add	*75.77*	
		For 7 In 12 Slope, Add	*101.03*	
		For 8 In 12 Slope, Add	*121.24*	
		For 16" On Center Gable Studs, Add	*101.03*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	994.64	232.54
		For 3 In 12 Slope, Add	*15.89*	
		For 5 In 12 Slope, Add	*42.37*	
		For 6 In 12 Slope, Add	*79.44*	
		For 7 In 12 Slope, Add	*105.91*	
		For 8 In 12 Slope, Add	*127.10*	
		For 16" On Center Gable Studs, Add	*105.91*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,035.43	239.92
		For 3 In 12 Slope, Add	*16.67*	
		For 5 In 12 Slope, Add	*44.45*	
		For 6 In 12 Slope, Add	*83.34*	
		For 7 In 12 Slope, Add	*111.12*	
		For 8 In 12 Slope, Add	*133.34*	
		For 16" On Center Gable Studs, Add	*111.12*	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,073.64	243.61
		For 3 In 12 Slope, Add	*17.59*	
		For 5 In 12 Slope, Add	*46.91*	
		For 6 In 12 Slope, Add	*87.96*	
		For 7 In 12 Slope, Add	*117.28*	
		For 8 In 12 Slope, Add	*140.74*	
		For 16" On Center Gable Studs, Add	*117.28*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	1,096.92	247.30
		For 3 In 12 Slope, Add	*18.07*	
		For 5 In 12 Slope, Add	*48.19*	
		For 6 In 12 Slope, Add	*90.35*	
		For 7 In 12 Slope, Add	*120.46*	
		For 8 In 12 Slope, Add	*144.56*	
		For 16" On Center Gable Studs, Add	*120.46*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	10.96	3.21
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	13.70	4.02
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	16.45	4.82
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	17.35	5.09
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	19.18	5.62
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	21.92	6.43
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	24.67	7.22
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	25.57	7.50
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	27.41	8.02
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	29.22	8.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	30.14	8.85
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	32.89	9.64
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	35.62	10.44
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	38.35	11.25
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	41.12	12.05
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	17.22	5.05
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	21.53	6.31
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	25.84	7.57
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	27.26	8.00
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	30.14	8.85
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	34.45	10.10
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	38.76	11.37
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	40.20	11.78
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	43.07	12.62
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	45.93	13.46
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	47.37	13.89
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	51.68	15.15
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	55.99	16.41
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	60.30	17.67
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	64.60	18.94
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	68.91	20.19
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	31.72	9.29
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	33.46	9.82
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	37.00	10.84
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	42.29	12.38
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	47.57	13.94
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	49.32	14.46
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	52.85	15.50
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	56.37	16.52
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	58.14	17.03
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	63.41	18.59
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	68.70	20.15
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	73.99	21.69
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	79.26	23.24
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	84.55	24.79
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	41.12	12.05
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	43.38	12.71
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	47.95	14.06
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	54.80	16.06
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	61.66	18.07
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	63.93	18.74
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	68.50	20.08
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	73.06	21.42
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	75.36	22.09
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	82.21	24.09
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	89.07	26.09
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	95.91	28.11
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	102.76	30.12
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	109.61	32.13
06 18 13 00-0061		Glue Laminated Decking *(06 18 13)*		
06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	5.54	1.99
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	5.70	1.99
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	5.81	1.88

06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	16.56	4.07
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	18.66	4.52
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	34.85	9.65
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	38.40	10.12

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	3.35	1.15
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.52	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	4.49	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	5.05	0.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	15.86	4.04
		For Birch, Add	*3.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*5.12*	
		For Poplar, Add	*2.02*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
		For Stain Grade Material (No Finger Joints), Add	*1.31*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	21.32	4.85
		For Birch, Add	*5.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*7.17*	
		For Poplar, Add	*2.88*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.59*	
		For Stain Grade Material (No Finger Joints), Add	*1.87*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	7.61	2.77
		For Birch, Add	*1.08*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.81*	
		For Poplar, Add	*0.60*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.39*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.71	2.77
		For Birch, Add	*1.48*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.31*	
		For Poplar, Add	*0.82*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.53*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.45	3.46
		For Birch, Add	*2.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.13*	
		For Poplar, Add	*1.14*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
		For Stain Grade Material (No Finger Joints), Add	*0.74*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.25	3.46
		For Birch, Add	*2.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.94*	
		For Poplar, Add	*1.50*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
		For Stain Grade Material (No Finger Joints), Add	*0.97*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.48	4.16
		For Birch, Add	*3.44*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.99*	
		For Poplar, Add	*1.91*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.59*	
		For Stain Grade Material (No Finger Joints), Add	*1.24*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.90	3.23
		For Birch, Add	*1.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.94*	
		For Poplar, Add	*0.66*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.69	2.42
		For Birch, Add	*1.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.80*	
		For Poplar, Add	*0.65*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
		For Stain Grade Material (No Finger Joints), Add	*0.42*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.15	2.42
		For Birch, Add	*2.41*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.36*	
		For Poplar, Add	*1.34*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
		For Stain Grade Material (No Finger Joints), Add	*0.87*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.93	1.38
		For Birch, Add	*0.55*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.93*	
		For Poplar, Add	*0.31*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.20*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.31	1.38
		For Birch, Add	*0.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.10*	
		For Poplar, Add	*0.38*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.78	1.73
		For Birch, Add	*1.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.59*	
		For Poplar, Add	*0.58*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.78	1.73
		For Birch, Add	*1.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.59*	
		For Poplar, Add	*0.58*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.53	1.73
		For Birch, Add	*1.67*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.38*	
		For Poplar, Add	*0.93*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.60*	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	49.69	2.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	62.96	2.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 22 13 00-0025		Cedar Trim *(06 22 13 00-0006)*		
06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	13.31	5.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.93*	
06 22 13 00-0027		Oak Trim *(06 22 13 00-0006)*		
06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	13.88	5.36
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.78*	
06 22 13 00-0029		Closet Poles *(06 22 13)*		
06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	11.65	3.00
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	14.24	3.00
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	19.57	3.35

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*
Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	6.52	2.09
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.43*	
		For Glue Laminated Installation, Add	*0.33*	
		For 1/8" Thick Paneling, Deduct	*-0.63*	
		For 1/2" Thick Paneling, Add	*1.52*	
		For 5/8" Thick Paneling, Add	*1.89*	
		For 3/4" Thick Paneling, Add	*2.37*	
		For Fire Retardant Treatment (Class I), Add	*1.39*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	7.20	2.56
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.68*	
		For Glue Laminated Installation, Add	*0.36*	
		For 1/8" Thick Paneling, Deduct	*-0.66*	
		For 1/2" Thick Paneling, Add	*1.54*	
		For 5/8" Thick Paneling, Add	*1.88*	
		For 3/4" Thick Paneling, Add	*2.31*	
		For Fire Retardant Treatment (Class I), Add	*1.27*	
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	7.73	2.09
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.43*	
		For Glue Laminated Installation, Add	*0.39*	
		For 1/8" Thick Paneling, Deduct	*-0.83*	
		For 1/2" Thick Paneling, Add	*2.18*	
		For 5/8" Thick Paneling, Add	*2.80*	
		For 3/4" Thick Paneling, Add	*3.60*	
		For Fire Retardant Treatment (Class I), Add	*2.35*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	7.57	2.56
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.68*	
		For Glue Laminated Installation, Add	*0.38*	
		For 1/8" Thick Paneling, Deduct	*-0.72*	
		For 1/2" Thick Paneling, Add	*1.74*	
		For 5/8" Thick Paneling, Add	*2.16*	
		For 3/4" Thick Paneling, Add	*2.69*	
		For Fire Retardant Treatment (Class I), Add	*1.56*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	6.14	2.09
		For Waterproof Glue, Add	*0.10*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.15*	
		For Fire Retardant Treatment (Class I), Add	*1.09*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	88.35	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	76.83	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	18.31	

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	371.32	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	394.95	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	412.88	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	434.28	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	493.64	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	515.90	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	557.77	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	587.41	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	605.64	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	690.50	92.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	763.61	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	847.32	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	801.29	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	894.19	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	376.84	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	385.76	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	421.15	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	448.06	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	466.99	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	490.17	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	799.45	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	842.88	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	885.92	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	461.38	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	471.22	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	511.21	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	543.64	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	571.75	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	600.45	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	838.05	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	886.07	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	935.54	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	

06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	333.65	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	355.69	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	392.01	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	417.74	75.06
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	283.23	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	290.14	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	304.39	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	312.22	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	320.96	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	336.14	57.74
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	359.58	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	392.01	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	417.74	75.06
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0055 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	294.26	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	309.44	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	320.94	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	333.35	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	350.37	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	369.91	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	387.60	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	401.86	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	410.39	69.28
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0065 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	321.08	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	349.16	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	372.37	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	400.31	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	427.36	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	468.01	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	479.27	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	522.20	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	537.54	69.28
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	360.60	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	390.52	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	416.48	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	446.26	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	522.01	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	524.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	543.60	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	593.88	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	609.22	69.28
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	401.95	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	438.30	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	466.10	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	494.96	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	538.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	574.61	51.99
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	604.25	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	660.96	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	680.90	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0095		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	382.25	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	410.05	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	440.22	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	475.56	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	560.59	92.38
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0101		**Utility Cabinets, 84" High** *(06 41 13 00-0006)*		
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	732.47	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	827.81	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	929.58	482.45
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	977.16	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,180.01	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,358.98	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	826.20	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	913.27	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,041.69	71.86
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,106.73	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,370.24	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,564.83	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0114		**Solid Oak Face Frame And Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0115		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	335.48	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	356.35	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	372.45	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	392.01	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	444.01	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	464.44	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	500.79	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	527.67	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	544.07	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	619.74	92.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	682.74	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	756.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	715.83	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	797.70	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	341.00	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	349.00	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	379.80	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	403.96	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	421.04	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	441.47	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	713.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	751.90	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	790.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	414.52	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	424.36	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	459.75	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	488.50	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	512.93	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	538.88	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	747.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	790.50	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	834.46	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	

06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	302.40	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	321.69	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	257.50	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	263.49	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	275.91	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	283.73	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	291.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	304.89	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	325.58	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	266.69	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	280.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	290.61	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	302.11	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	317.29	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	334.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	349.92	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	363.26	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	370.87	69.28
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	292.59	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	317.92	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	338.37	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	362.63	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	386.93	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	422.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	433.33	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	470.74	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	485.16	69.28
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	327.51	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	353.76	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	376.96	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	403.07	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	470.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	472.61	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	489.38	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	534.14	63.51
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	547.65	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0193		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	363.35	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	396.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	421.07	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	446.26	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	485.25	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	516.72	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	542.68	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	592.96	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	611.06	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0203		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	346.41	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	371.45	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	397.95	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	429.61	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	504.54	92.38
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0209		**Utility Cabinets, 84" High** *(06 41 13 00-0114)*		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	666.31	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	752.46	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	844.12	482.45
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	888.02	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,067.90	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,227.57	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	749.01	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	827.81	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	942.45	71.86
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,001.97	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,235.15	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,408.60	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0222		**Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0223		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	335.48	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	356.35	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	372.45	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	392.01	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	444.01	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	464.44	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	500.79	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	527.67	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	544.07	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	619.74	92.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	682.74	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	756.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	715.83	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	797.70	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	341.00	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	349.00	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	379.80	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	403.96	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	421.04	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	441.47	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	713.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	751.90	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	790.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	414.52	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	424.36	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	459.75	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	488.50	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	512.93	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	538.88	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	747.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	790.50	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	834.46	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0256		**Wall Cabinets, 12" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	302.40	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	321.69	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0261		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	257.50	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	263.49	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	275.91	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	283.73	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	291.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	304.89	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	325.58	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0271		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	266.69	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	280.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	290.61	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	302.11	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	317.29	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	334.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	349.92	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	363.26	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	370.87	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0281		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	292.59	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	317.92	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	338.37	34.65
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	362.63	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	386.93	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	422.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	433.33	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	470.74	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	485.16	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0291		Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0222)*		
06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	327.51	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	353.76	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	376.96	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	403.07	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	470.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	472.61	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	489.38	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	534.14	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	547.65	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0301		Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0222)*		
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	363.35	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	396.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	421.07	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	446.26	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	485.25	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	516.72	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	542.68	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	592.96	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	611.06	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0311		Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0222)*		
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	346.41	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	371.45	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	397.95	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	429.61	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	504.54	92.38
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0317		Utility Cabinets, 84" High *(06 41 13 00-0222)*		
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	666.31	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	752.46	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	844.12	482.45
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	888.02	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,067.90	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,227.57	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	749.01	51.32
		For All Plywood Box Construction, Add	*224.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	827.81	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	942.45	71.86
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,001.97	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,235.15	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,408.60	123.18
		For All Plywood Box Construction, Add	*224.23*	

06 41 13 00-0330 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0331 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	335.48	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	356.35	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	372.45	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	392.01	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	444.01	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	464.44	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	500.79	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	527.67	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	544.07	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*108.44*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	619.74	92.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	682.74	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	756.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*216.87*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	715.83	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	797.70	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	341.00	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	349.00	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	379.80	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	403.96	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	421.04	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	441.47	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	713.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	751.90	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	790.35	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*325.31*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	414.52	23.09
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	424.36	28.87
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	459.75	34.65
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	488.50	40.41
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	512.93	46.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	538.88	51.97
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	747.99	57.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	790.50	63.51
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	834.46	69.28
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*433.75*	
		For All Plywood Box Construction, Add	*113.03*	

06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	302.40	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	321.69	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	

06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	257.50	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	263.49	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	275.91	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	283.73	40.41
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	291.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	304.89	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	325.58	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	354.33	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	377.31	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0379		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	266.69	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	280.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	290.61	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	302.11	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	317.29	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	334.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	349.92	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	363.26	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	370.87	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	292.59	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	317.92	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	338.37	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	362.63	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	386.93	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	422.99	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	433.33	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	470.74	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	485.16	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0399		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	327.51	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	353.76	28.87
		For All Plywood Box Construction, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	376.96	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	403.07	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	470.55	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	472.61	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	489.38	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	534.14	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	547.65	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0409		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	363.35	23.09
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	396.03	28.87
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	421.07	34.65
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	446.26	40.41
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	485.25	46.19
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	516.72	51.99
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	542.68	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	592.96	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	611.06	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0419		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	346.41	57.74
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	371.45	63.51
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	397.95	69.28
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	429.61	75.06
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	504.54	92.38
		For All Plywood Box Construction, Add	*60.65*	
06 41 13 00-0425		**Utility Cabinets, 84" High** *(06 41 13 00-0330)*		
06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	666.31	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	752.46	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	844.12	482.45
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	888.02	82.12
		For All Plywood Box Construction, Add	*224.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,067.90	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,227.57	123.18
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	749.01	51.32
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	827.81	61.59
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	942.45	71.86
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,001.97	82.12
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,235.15	102.65
		For All Plywood Box Construction, Add	*224.23*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,408.60	123.18
		For All Plywood Box Construction, Add	*224.23*	

06 41 93 Cabinet and Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	28.15	9.82
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	29.09	9.82
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	30.73	9.82
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	32.56	9.82
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	33.50	9.82
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	43.62	9.82
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	85.48	9.82
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	21.97	7.51
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	21.80	7.51
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	29.74	8.66
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	34.14	8.66
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	37.15	8.66
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	41.26	8.66
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	60.36	8.66
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	43.37	11.55
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	63.84	11.55
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	170.86	17.32
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	57.16	9.82
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	38.49	9.82
06 41 93 00-0021	EA	Cabinet Door or Drawer Bored 4-Pin, Cam Lock With 2 Keys	98.54	

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	11.59	2.42
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	12.25	2.42

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	17.79	2.31
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	16.32	2.31

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	13.55	2.42

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	8.55	2.08

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Maple Or Birch Veneer Paneling	7.54	2.09
		For Waterproof Glue, Add	*0.19*	
		For Ceiling Installation, Add	*1.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*		
06 42 16 00-0004		Birch *(06 42 16 00-0003)*		
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.57	1.87
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.26*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.28*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.52*	
		For 1/2" Thick Paneling, Add	*1.25*	
		For 5/8" Thick Paneling, Add	*1.54*	
		For 3/4" Thick Paneling, Add	*1.91*	
		For Fire Retardant Treatment (Class I), Add	*1.09*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	5.66	1.87
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.26*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.28*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.30*	
		For 5/8" Thick Paneling, Add	*1.61*	
		For 3/4" Thick Paneling, Add	*2.00*	
		For Fire Retardant Treatment (Class I), Add	*1.16*	
06 42 16 00-0007		Knotty Pine *(06 42 16 00-0003)*		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.46	2.09
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.20*	
		For 1/8" Thick Paneling, Deduct	*-0.63*	
		For 1/2" Thick Paneling, Add	*1.54*	
		For 5/8" Thick Paneling, Add	*1.92*	
		For 3/4" Thick Paneling, Add	*2.40*	
		For Fire Retardant Treatment (Class I), Add	*1.43*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	6.38	2.09
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.61*	
		For 1/2" Thick Paneling, Add	*1.49*	
		For 5/8" Thick Paneling, Add	*1.86*	
		For 3/4" Thick Paneling, Add	*2.32*	
		For Fire Retardant Treatment (Class I), Add	*1.37*	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.39	2.32
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.57*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.56*	
		For 1/2" Thick Paneling, Add	*1.25*	
		For 5/8" Thick Paneling, Add	*1.50*	
		For 3/4" Thick Paneling, Add	*1.81*	
		For Fire Retardant Treatment (Class I), Add	*0.92*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	6.30	2.32
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.57*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.12*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.21*	
		For 5/8" Thick Paneling, Add	*1.43*	
		For 3/4" Thick Paneling, Add	*1.72*	
		For Fire Retardant Treatment (Class I), Add	*0.85*	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*		

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.19	2.09
		For Flitch Matched Veneer, Add	*0.77*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.23*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.58*	
		For 1/2" Thick Paneling, Add	*1.39*	
		For 5/8" Thick Paneling, Add	*1.71*	
		For 3/4" Thick Paneling, Add	*2.13*	
		For Fire Retardant Treatment (Class I), Add	*1.22*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.87	2.09
		For Flitch Matched Veneer, Add	*1.11*	
		For Second Grade Veneer, Deduct	*-0.22*	
		For Third Grade Veneer, Deduct	*-0.33*	
		For Waterproof Glue, Add	*0.16*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.34*	
		For Lumber Core, Add	*0.24*	
		For 1/8" Thick Paneling, Deduct	*-0.70*	
		For 1/2" Thick Paneling, Add	*1.76*	
		For 5/8" Thick Paneling, Add	*2.22*	
		For 3/4" Thick Paneling, Add	*2.82*	
		For Fire Retardant Treatment (Class I), Add	*1.75*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	10.34	2.09
		For Flitch Matched Veneer, Add	*2.39*	
		For Second Grade Veneer, Deduct	*-0.48*	
		For Third Grade Veneer, Deduct	*-0.72*	
		For Waterproof Glue, Add	*0.33*	
		For Ceiling Installation, Add	*1.67*	
		For Installation On Metal Studs Or Furring, Add	*0.61*	
		For Glue Laminated Installation, Add	*0.52*	
		For Lumber Core, Add	*0.52*	
		For 1/8" Thick Paneling, Deduct	*-1.19*	
		For 1/2" Thick Paneling, Add	*3.24*	
		For 5/8" Thick Paneling, Add	*4.25*	
		For 3/4" Thick Paneling, Add	*5.53*	
		For Fire Retardant Treatment (Class I), Add	*3.77*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.20	2.09
		For Flitch Matched Veneer, Add	*0.51*	
		For Second Grade Veneer, Deduct	*-0.10*	
		For Third Grade Veneer, Deduct	*-0.15*	
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.11*	
		For 1/8" Thick Paneling, Deduct	*-0.46*	
		For 1/2" Thick Paneling, Add	*1.05*	
		For 5/8" Thick Paneling, Add	*1.27*	
		For 3/4" Thick Paneling, Add	*1.54*	
		For Fire Retardant Treatment (Class I), Add	*0.81*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	9.07	2.09
		For Flitch Matched Veneer, Add	*1.92*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.58*	
		For Waterproof Glue, Add	*0.27*	
		For Ceiling Installation, Add	*1.57*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.45*	
		For Lumber Core, Add	*0.42*	
		For 1/8" Thick Paneling, Deduct	*-1.01*	
		For 1/2" Thick Paneling, Add	*2.70*	
		For 5/8" Thick Paneling, Add	*3.51*	
		For 3/4" Thick Paneling, Add	*4.54*	
		For Fire Retardant Treatment (Class I), Add	*3.03*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.35	2.09
		For Flitch Matched Veneer, Add	*0.85*	
		For Second Grade Veneer, Deduct	*-0.17*	
		For Third Grade Veneer, Deduct	*-0.26*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.61*	
		For 1/2" Thick Paneling, Add	*1.48*	
		For 5/8" Thick Paneling, Add	*1.83*	
		For 3/4" Thick Paneling, Add	*2.29*	
		For Fire Retardant Treatment (Class I), Add	*1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	7.48	2.09
		For Flitch Matched Veneer, Add	*1.13*	
		For Second Grade Veneer, Deduct	*-0.23*	
		For Third Grade Veneer, Deduct	*-0.34*	
		For Waterproof Glue, Add	*0.16*	
		For Ceiling Installation, Add	*1.57*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.37*	
		For Lumber Core, Add	*0.25*	
		For 1/8" Thick Paneling, Deduct	*-0.74*	
		For 1/2" Thick Paneling, Add	*1.84*	
		For 5/8" Thick Paneling, Add	*2.32*	
		For 3/4" Thick Paneling, Add	*2.92*	
		For Fire Retardant Treatment (Class I), Add	*1.78*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	11.98	2.09
		For Flitch Matched Veneer, Add	*2.72*	
		For Second Grade Veneer, Deduct	*-0.54*	
		For Third Grade Veneer, Deduct	*-0.82*	
		For Waterproof Glue, Add	*0.38*	
		For Ceiling Installation, Add	*1.96*	
		For Installation On Metal Studs Or Furring, Add	*0.72*	
		For Glue Laminated Installation, Add	*0.60*	
		For Lumber Core, Add	*0.60*	
		For 1/8" Thick Paneling, Deduct	*-1.37*	
		For 1/2" Thick Paneling, Add	*3.72*	
		For 5/8" Thick Paneling, Add	*4.86*	
		For 3/4" Thick Paneling, Add	*6.33*	
		For Fire Retardant Treatment (Class I), Add	*4.30*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	9.06	2.09
		For Flitch Matched Veneer, Add	*1.92*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.57*	
		For Waterproof Glue, Add	*0.27*	
		For Ceiling Installation, Add	*1.57*	
		For Installation On Metal Studs Or Furring, Add	*0.58*	
		For Glue Laminated Installation, Add	*0.45*	
		For Lumber Core, Add	*0.42*	
		For 1/8" Thick Paneling, Deduct	*-1.01*	
		For 1/2" Thick Paneling, Add	*2.70*	
		For 5/8" Thick Paneling, Add	*3.50*	
		For 3/4" Thick Paneling, Add	*4.53*	
		For Fire Retardant Treatment (Class I), Add	*3.03*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.91	2.09
		For Flitch Matched Veneer, Add	*1.63*	
		For Second Grade Veneer, Deduct	*-0.33*	
		For Third Grade Veneer, Deduct	*-0.49*	
		For Waterproof Glue, Add	*0.23*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.40*	
		For Lumber Core, Add	*0.36*	
		For 1/8" Thick Paneling, Deduct	*-0.87*	
		For 1/2" Thick Paneling, Add	*2.32*	
		For 5/8" Thick Paneling, Add	*3.00*	
		For 3/4" Thick Paneling, Add	*3.88*	
		For Fire Retardant Treatment (Class I), Add	*2.58*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.38	2.09
		For Flitch Matched Veneer, Add	*0.87*	
		For Second Grade Veneer, Deduct	*-0.17*	
		For Third Grade Veneer, Deduct	*-0.26*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.40*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.61*	
		For 1/2" Thick Paneling, Add	*1.49*	
		For 5/8" Thick Paneling, Add	*1.86*	
		For 3/4" Thick Paneling, Add	*2.32*	
		For Fire Retardant Treatment (Class I), Add	*1.37*	
06 42 16 00-0025		Accessories *(06 42 16)*		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	41.53	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001 Plastic Laminate *(06 42 19)*

Note: Standard colors and patterns.

06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	11.35	4.04

06 43 Wood Stairs and Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0001		**Stair Parts** *(06 43 13)*		
06 43 13 00-0002	EA	30" Baluster, Pine	59.46	23.43
06 43 13 00-0003	EA	30" Baluster, Birch	70.60	23.43
06 43 13 00-0004	EA	42" Baluster, Pine	67.30	24.24
06 43 13 00-0005	EA	42" Baluster, Birch	79.17	24.24
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	354.40	92.09
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	518.88	129.25
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	211.52	80.79
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*26.52*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	248.05	88.74
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*29.16*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	43.20	12.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.98*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	56.63	6.81
		For Beech, Add	*12.92*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.12*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	68.89	6.81
		For Beech, Add	*16.60*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.12*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	30.93	6.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.12*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	42.35	7.04
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.25*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	39.75	7.04
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.25*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	23.03	7.04
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.25*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	22.22	7.04
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.25*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	47.54	
06 43 13 00-0019		**Interior Box Stairs** *(06 43 13)*		
		Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	311.39	70.28
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.09*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*74.12*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.55*	
		For Oak Or Maple Treads, Add	*94.95*	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	330.29	71.89
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.61*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*74.80*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.83*	
		For Oak Or Maple Treads, Add	*102.43*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	348.09	72.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.89*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*75.16*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.98*	
		For Oak Or Maple Treads, Add	*109.91*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	368.72	73.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.15*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*75.50*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.13*	
		For Oak Or Maple Treads, Add	*118.67*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	380.88	74.32
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.41*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*75.85*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.27*	
		For Oak Or Maple Treads, Add	*123.63*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	394.22	75.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.95*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*76.54*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.56*	
		For Oak Or Maple Treads, Add	*128.59*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	406.38	76.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.21*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*76.89*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.70*	
		For Oak Or Maple Treads, Add	*133.54*	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	418.58	77.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.48*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*77.24*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.85*	
		For Oak Or Maple Treads, Add	*138.50*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	430.70	78.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.74*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*77.57*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.99*	
		For Oak Or Maple Treads, Add	*143.46*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	445.08	80.79
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*26.54*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*78.62*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*26.43*	
		For Oak Or Maple Treads, Add	*148.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	19.36	5.77
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.65*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	20.94	5.77
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.65*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.20	5.77
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	27.51	5.77
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	32.24	5.77
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	46.85	5.77

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	78.45	7.23
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	98.01	10.57
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	120.35	12.24
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	144.31	12.79
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	324.00	14.46
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	376.57	15.57
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	453.57	16.68
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	541.80	17.80
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	90.47	7.23
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	107.64	10.57
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	133.66	12.24
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	158.53	12.79
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	352.90	14.46
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	480.25	15.57
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	517.79	16.68
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	583.08	17.80

06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	94.60	7.23
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	116.36	10.57
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	144.21	12.24
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	174.13	12.79
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	398.82	14.46
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	464.19	15.57
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	560.13	16.68
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	670.15	17.80
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	109.65	7.23
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	129.52	10.57
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	161.46	12.24
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	192.38	12.79
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	435.02	14.46
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	594.15	15.57
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	640.64	16.68
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	721.94	17.80

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	84.16	7.23
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	104.88	10.57
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	128.99	12.24
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	155.01	12.79
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	97.26	7.23
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	115.38	10.57
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	143.49	12.24
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	170.50	12.79

06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed redwood.

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	132.21	7.23
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	158.56	10.57
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	197.88	12.24
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	242.48	12.79
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	152.40	7.23
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	180.12	10.57
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	223.11	12.24
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	275.51	12.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0054		**Ornamental Or Decorative Cap And Bases, Resin** *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	415.37	15.01
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	629.72	16.68
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	878.40	19.46
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,122.50	22.24
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	369.50	15.01
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	515.04	16.68
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	639.87	19.46
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	838.09	22.24
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	388.96	15.57
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	515.04	16.68
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	639.87	19.46
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	815.15	22.24
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	393.55	15.57
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	560.91	16.68
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	662.80	19.46
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	911.49	22.24
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	393.55	15.57
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	611.37	16.68
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	809.59	19.46
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	1,003.23	22.24
06 44 39 00-0075		**Ornamental Or Decorative Cap And Bases, Plaster** *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	841.99	15.01
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	946.24	16.68
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,204.10	19.46
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,324.34	22.24
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	557.58	15.01
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	648.07	16.68
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	800.42	19.46
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	1,007.82	22.24
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	535.75	15.57
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	703.11	16.68
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	850.88	19.46
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	1,007.82	22.24
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	636.67	15.57
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	845.32	16.68
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	951.80	19.46
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,209.66	22.24
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	535.75	15.57
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	693.94	16.68
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	905.93	19.46
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,159.20	22.24
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	604.56	15.57
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	739.81	16.68
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	901.34	19.46
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	1,007.82	22.24

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001		**Door and Window Casings** *(06 46 13)*		
06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	5.51	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.56	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	7.05	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	

06 46 19 Wood Base and Shoe Moldings *(06 46)*

06 46 19 00-0001		**Base And Shoe Molding** *(06 46 19)*		
06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	5.66	2.19
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	6.09	2.19
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.34	1.38
		For Clear Birch, Add	*0.87*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.49*	
		For Clear Poplar, Add	*0.55*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.92	1.73
		For Clear Birch, Add	*1.01*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.99*	
		For Stain Grade Material (No Finger Joints), Add	*0.57*	
		For Clear Poplar, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	11.22	1.96
		For Clear Birch, Add	*1.56*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.83*	
		For Stain Grade Material (No Finger Joints), Add	*0.88*	
		For Clear Poplar, Add	*0.97*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	7.19	2.19
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	6.94	2.19
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	6.40	2.19

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	9.09	2.08
		For Birch, Add	*1.43*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.48*	
		For Poplar, Add	*0.90*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	11.36	2.08
		For Birch, Add	*2.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.50*	
		For Poplar, Add	*1.35*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	6.74	2.08
		For Birch, Add	*1.05*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.82*	
		For Poplar, Add	*0.66*	

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.65	2.08
		For Birch, Add	*0.73*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.38*	
		For Poplar, Add	*0.92*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	8.49	2.19
		For Birch, Add	*1.32*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.14*	
		For Poplar, Add	*1.66*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	12.05	2.31
		For Birch, Add	*2.53*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.67*	
		For Poplar, Add	*3.16*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	13.98	2.31
		For Birch, Add	*3.14*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.45*	
		For Poplar, Add	*3.93*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	16.20	2.42
		For Birch, Add	*3.86*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*5.37*	
		For Poplar, Add	*4.82*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	21.02	2.65
		For Birch, Add	*5.49*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*7.44*	
		For Poplar, Add	*6.86*	

06 46 29 Wood Fasciae and Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.56	2.31
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.40	2.56
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.95	2.69
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	8.22	3.01
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.49	2.31
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	6.30	2.56
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	7.10	2.69
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	8.66	3.01
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	7.24	2.31
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	8.60	2.56
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	9.80	2.69
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	12.68	3.01

06 46 29 00-0015 Cedar Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	6.01	2.31
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	7.10	2.56
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	8.32	2.69
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	10.14	3.01

06 46 29 00-0020 Engineered Wood Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	5.30	2.31
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	6.05	2.56
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	7.40	3.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0024		Soffit *(06 46 29)*		
06 46 29 00-0025		Sanded Plywood Soffit *(06 46 29 00-0024)*		
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	4.62	1.74
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	5.06	1.84
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	5.32	1.92
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	5.88	2.03
06 46 29 00-0030		MDO Plywood Soffit *(06 46 29 00-0024)*		
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	5.14	1.74
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	5.72	1.84
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	7.16	2.03
06 46 29 00-0034		Exterior Ceiling Gypsum Board Soffit *(06 46 29 00-0024)*		
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.89	1.52
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	4.22	1.60

06 46 36 Custom Wood Molding *(06 46)*

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001		Ash *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	8.65	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	11.07	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash	13.50	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash	15.92	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash	18.47	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash	21.04	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash	23.44	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash	25.88	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash	28.25	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash	30.82	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash	33.29	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash	10.35	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash	13.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash	16.73	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash	19.92	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash	23.29	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash	26.61	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash	29.78	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash	32.99	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash	36.18	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash	39.51	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash	42.76	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	12.48	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	16.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	20.93	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	25.16	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	29.52	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	33.88	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	38.09	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	42.34	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	46.50	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	50.87	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	55.16	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	15.55	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	21.25	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	26.94	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	32.64	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	38.37	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	44.31	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	50.10	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	55.72	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	61.36	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	67.77	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	72.96	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	

06 46 36 00-0046 Basswood *(06 46 36)*

06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	7.12	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	8.78	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	10.45	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	12.10	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	13.88	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	15.68	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	17.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	19.00	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	20.60	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	22.41	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	24.12	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	8.17	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	10.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	12.36	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	14.45	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	16.74	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	18.96	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	21.05	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood	23.16	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood	25.25	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood	27.50	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood	29.66	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	11.28	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	14.91	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	18.53	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	22.16	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	25.92	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	29.68	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	33.28	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	36.94	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	40.49	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	44.27	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	47.95	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	45.16	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	55.43	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	65.60	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	75.99	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	86.16	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	96.54	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	106.59	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	116.76	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	127.16	1.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0089 Birch *(06 46 36)*

06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	7.66	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	9.60	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	11.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	13.46	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	15.52	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	17.60	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	19.51	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	21.46	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	23.33	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	25.41	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	27.40	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	8.99	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	11.46	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	14.00	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	16.53	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	19.19	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	21.80	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	24.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	26.88	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	29.35	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	31.98	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	34.57	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	10.52	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	13.76	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	17.00	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	20.24	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	23.63	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	27.00	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	30.22	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	33.50	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	36.67	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	40.06	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	43.36	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	12.93	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	17.32	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	21.70	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	26.09	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	30.51	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	35.14	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	39.51	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	43.93	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	48.26	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	53.35	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	57.24	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	

06 46 36 00-0134 Clear Western Cedar *(06 46 36)*

06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	7.66	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	9.60	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	11.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	13.46	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	15.52	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	17.60	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	9.10	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	11.68	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	14.27	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	16.86	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	19.57	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	22.29	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	11.94	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	15.89	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	19.84	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	23.79	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	27.89	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	31.97	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	12.27	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	16.34	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	20.39	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	24.45	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	28.54	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	32.84	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	39.92	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	48.88	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	57.74	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	66.81	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	75.67	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	84.64	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	93.49	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	102.34	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	111.43	1.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0168 Cherry *(06 46 36)*

06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	9.41	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	12.22	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	15.03	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	17.83	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	20.77	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	23.71	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	26.50	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	29.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	32.07	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	35.03	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	37.88	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	11.28	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	14.96	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	18.64	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	22.32	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	26.13	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	29.94	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	33.61	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	37.36	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry	40.93	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry	44.76	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry	48.50	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	13.30	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	17.96	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	22.57	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	27.23	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	31.98	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	36.77	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	41.36	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	46.06	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	50.59	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	55.41	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	60.07	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	17.08	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	23.54	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	30.00	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	36.46	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	42.96	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	49.66	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	56.11	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	62.60	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	69.01	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	75.74	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	82.14	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0213		Cypress *(06 46 36)*		
06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress	7.12	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress	8.78	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress	10.45	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress	12.10	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress	13.88	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress	15.68	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress	17.76	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress	19.49	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress	22.79	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress	24.81	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress	9.53	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress	12.28	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress	15.09	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress	17.89	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress	20.83	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress	23.71	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress	26.51	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress	29.33	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress	32.08	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress	35.09	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress	37.85	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	11.18	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	14.70	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	18.20	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	21.72	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	25.27	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	29.02	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	32.52	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	36.06	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	42.80	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	46.69	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	

06 46 36 00-0245 Fir *(06 46 36)*

06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir	7.99	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir	10.09	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir	12.19	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir	14.28	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir	16.51	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir	18.74	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir	20.82	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir	22.93	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir	24.97	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir	27.22	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir	9.53	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir	12.28	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir	15.09	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir	17.89	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir	20.83	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir	23.71	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir	26.51	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir	29.33	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir	32.08	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir	35.09	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir	37.85	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir	10.68	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir	14.03	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir	17.33	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	20.68	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	24.12	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	27.60	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	30.88	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	34.26	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	37.49	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	40.99	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	44.35	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	12.27	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	16.34	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	20.39	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	24.45	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	28.54	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	32.84	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	36.89	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	40.98	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	44.98	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	49.20	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	53.30	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	20.34	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	28.32	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	36.32	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	44.40	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	52.38	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	60.59	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	68.56	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	76.77	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	84.64	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	92.62	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	45.27	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	55.43	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	65.60	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	75.99	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	86.16	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	96.44	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	106.59	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	116.76	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	

06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	10.07	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	13.20	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	16.34	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	19.47	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	22.73	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	26.01	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	29.12	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	32.27	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	35.35	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	38.63	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	41.81	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	12.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	16.38	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	20.55	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	24.72	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	29.02	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	33.27	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	37.43	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	41.62	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	45.73	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	50.00	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	54.78	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	13.96	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	18.95	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	23.88	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	28.87	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	33.95	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	39.07	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	43.98	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	49.00	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	52.78	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	59.01	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	64.01	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	17.30	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	23.87	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	30.44	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	37.01	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	43.61	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	50.43	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	56.98	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	63.59	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	70.10	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	76.83	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	83.56	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	20.61	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	28.81	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	36.95	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	45.26	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	53.42	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	61.83	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	69.98	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	78.28	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	86.43	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	94.63	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	103.01	1.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.46*	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	25.36	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	34.22	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	44.18	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	54.23	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	64.18	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	74.35	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	84.29	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	94.36	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	104.30	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	114.25	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	124.43	1.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.49*	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	60.02	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	74.00	1.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	87.88	1.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	101.98	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	115.87	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	129.86	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.38*	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	143.73	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	157.61	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.43*	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	171.72	1.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 46 36 00-0383 Maple *(06 46 36)*

06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	7.56	1.27
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	9.43	1.27
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	11.32	1.27
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	13.19	1.38
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	15.20	1.38
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	17.21	1.50
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	19.07	1.50
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	20.97	1.50
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	22.79	1.62
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	24.81	1.73
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	26.74	1.73
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	8.99	1.27
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	11.46	1.27
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	14.00	1.38
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	16.53	1.38
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	19.19	1.50
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	21.80	1.50
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	24.32	1.50
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	26.88	1.62
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	29.35	1.62
06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple	30.89	1.73
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple	34.57	1.73
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple	10.19	1.27
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple	13.27	1.27
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple	16.35	1.38
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple	19.42	1.38
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple	22.64	1.50
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple	25.85	1.50
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple	28.91	1.62
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple	32.02	1.62
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple	35.03	1.62
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple	38.26	1.73
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple	41.40	1.85
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple	12.71	1.27
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple	16.99	1.38
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple	21.26	1.38
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple	25.54	1.50
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple	29.85	1.50
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple	34.37	1.62
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple	38.63	1.62
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple	43.49	1.73
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple	47.16	1.73
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple	51.71	1.85
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple	55.92	1.85
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple	16.79	1.38
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple	23.08	1.38
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple	29.30	1.38
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple	35.71	1.50
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple	41.95	1.50
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple	48.45	1.62
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple	54.69	1.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple	61.08	1.73
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple	67.32	1.73
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple	73.61	1.85
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple	80.62	1.96
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple	64.39	1.50
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple	79.46	1.50
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple	94.43	1.62
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple	109.63	1.73
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple	124.60	1.73
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple	139.69	1.85
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple	154.65	1.85
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple	169.62	1.85
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple	184.83	1.96
06 46 36 00-0448		**Appl Soft Maple** *(06 46 36)*		
06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.66	1.27
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	9.60	1.27
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	11.54	1.27
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	13.46	1.38
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	15.52	1.38
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	17.60	1.50
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	19.51	1.50
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	21.46	1.50
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	23.33	1.62
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	25.41	1.73
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	27.40	1.73
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	8.71	1.27
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	11.08	1.27
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	13.45	1.38
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	15.77	1.38
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	18.37	1.50
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	20.87	1.50
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	23.23	1.50
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	25.62	1.62
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	27.98	1.62
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	30.50	1.73
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	32.93	1.73
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	9.70	1.27
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	12.56	1.27
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	15.36	1.38
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	18.22	1.38
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	21.17	1.50
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	24.16	1.50
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	26.95	1.62
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	29.84	1.62
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	32.57	1.62
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	35.58	1.73
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	38.45	1.85
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	11.62	1.27
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	15.35	1.38
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	19.08	1.38
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	22.81	1.50
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	26.58	1.50
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	30.55	1.62
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	34.26	1.62
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	38.03	1.73
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	41.70	1.73
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	45.60	1.85
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	49.37	1.85
06 46 36 00-0493		**Red Oak** *(06 46 36)*		
06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak	8.21	1.27
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	10.42	1.27
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	12.63	1.27
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	14.83	1.38
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	17.16	1.38
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	19.51	1.50
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	21.69	1.50
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	23.92	1.50
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	26.06	1.62
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	28.42	1.73
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	30.67	1.73
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	9.91	1.27
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	12.94	1.27
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	15.91	1.38
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	20.02	1.38
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	22.03	1.50
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	25.19	1.50
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	28.15	1.50
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	31.14	1.62
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	34.10	1.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	37.27	1.73
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	40.30	1.73
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	12.32	1.27
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	16.49	1.27
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	20.61	1.38
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	24.78	1.38
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	29.03	1.50
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	33.33	1.50
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	37.43	1.62
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	41.63	1.62
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	45.68	1.62
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	50.00	1.73
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	54.18	1.85
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	17.30	1.27
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	23.87	1.38
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	30.44	1.38
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	37.01	1.38
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	43.61	1.50
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	50.54	1.62
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	56.98	1.62
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	64.68	1.73
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	70.10	1.73
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	76.83	1.73
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	83.45	1.85
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	26.62	1.38
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	37.82	1.38
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	48.96	1.38
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	60.28	1.50
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	71.44	1.50
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	82.86	1.62
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	94.01	1.62
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	105.32	1.73
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	116.47	1.73
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	127.67	1.85
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	139.05	1.96
06 46 36 00-0549		**White Oak** *(06 46 36)*		
06 46 36 00-0550	LF	3/4" x 1-1/2" Custom Shaped White Oak	8.32	1.27
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	10.58	1.27
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	12.85	1.27
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	15.10	1.38
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	17.49	1.38
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	19.89	1.50
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	22.13	1.50
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	24.41	1.50
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	26.61	1.62
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	29.02	1.73
06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	31.33	1.73
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.91	1.27
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	12.94	1.27
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	15.91	1.38
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	20.02	1.38
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	22.03	1.50
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	25.19	1.50
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	28.15	1.50
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	31.14	1.62
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	34.10	1.62
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	37.27	1.73
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	40.30	1.73
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	12.48	1.27
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	16.71	1.27
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.93	1.38
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	25.16	1.38
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	29.52	1.50
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	33.88	1.50
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	38.09	1.62
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	42.34	1.62
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	46.50	1.62
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	50.87	1.73
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	55.16	1.85
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	20.57	1.27
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	28.79	1.38
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	36.99	1.38
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	45.20	1.50
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	53.44	1.50
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	61.90	1.62
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	70.09	1.62
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	78.33	1.73
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	85.39	1.73
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	94.86	1.85
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	103.11	1.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0594		White Pine *(06 46 36)*		
06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	9.30	1.27
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	12.05	1.27
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.82	1.27
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	17.56	1.38
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	20.44	1.38
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	23.33	1.50
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	26.06	1.50
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	28.83	1.50
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	33.16	1.62
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	36.23	1.73
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	10.46	1.27
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	13.76	1.27
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	17.00	1.38
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	20.30	1.38
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	23.67	1.50
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	27.10	1.50
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	30.33	1.50
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	33.65	1.62
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	36.83	1.62
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	40.28	1.73
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	43.58	1.73
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	11.83	1.27
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	15.72	1.27
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	19.73	1.38
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	23.52	1.38
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	27.56	1.50
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	31.59	1.50
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	35.47	1.62
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	39.39	1.62
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	43.22	1.62
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	47.27	1.73
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	51.23	1.85
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	14.90	1.27
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	20.27	1.38
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	25.63	1.38
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	31.00	1.50
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	36.41	1.50
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	42.02	1.62
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	47.37	1.62
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	52.77	1.73
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	59.18	1.73
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	63.62	1.85
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	69.03	1.85
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	23.07	1.38
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	32.47	1.38
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	41.87	1.38
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	51.38	1.50
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	60.79	1.50
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	70.41	1.62
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	79.81	1.62
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	89.31	1.73
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	98.72	1.73
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	108.12	1.85
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	117.76	1.96
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	27.55	1.38
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	39.13	1.38
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	50.73	1.50
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	62.42	1.50
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	74.01	1.50
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	85.82	1.62
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	97.40	1.73
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	109.10	1.73
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	120.68	1.85
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	132.27	1.85
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	144.09	1.96
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	70.50	1.50
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	87.11	1.50
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	103.61	1.62
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	120.33	1.73
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	136.84	1.73
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	153.45	1.85
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	169.94	1.85
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	186.45	1.85
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	203.18	1.96
06 46 36 00-0669		Clear Yellow Pine *(06 46 36)*		
06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	6.24	1.27
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.47	1.27
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.70	1.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.91	1.38
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.26	1.38
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.63	1.50
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.83	1.50
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	15.07	1.50
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	7.18	1.27
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	8.84	1.27
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	10.45	1.38
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	12.11	1.38
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	13.84	1.50
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	15.63	1.50
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	17.77	1.50
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	19.50	1.62
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.34	1.27
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.44	1.38
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.52	1.38
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.62	1.50
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.75	1.50
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	19.08	1.62
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	21.16	1.62
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	23.28	1.73
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	26.96	1.73
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	27.79	1.85
06 46 36 00-0696		**Poplar** *(06 46 36)*		
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.57	1.27
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.96	1.27
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	9.35	1.27
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	10.73	1.38
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	12.25	1.38
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	13.77	1.50
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	15.14	1.50
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	16.54	1.50
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	17.87	1.62
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	19.41	1.73
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	20.95	1.73
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	7.62	1.27
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	9.44	1.27
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	11.27	1.38
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	13.09	1.38
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	15.10	1.50
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	17.05	1.50
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	18.86	1.50
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	20.71	1.62
06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	22.52	1.62
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	24.50	1.73
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	26.38	1.73
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.55	1.27
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.81	1.27
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	13.07	1.38
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	15.33	1.38
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	17.73	1.50
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	20.12	1.50
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	22.36	1.62
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	24.65	1.62
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	26.84	1.62
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	29.25	1.73
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	31.57	1.85
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.74	1.27
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	14.04	1.38
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	17.33	1.38
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.63	1.50
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	23.95	1.50
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.49	1.62
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	30.77	1.62
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	34.10	1.73
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	37.33	1.73
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	40.79	1.85
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	44.13	1.85
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	14.06	1.38
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	18.98	1.38
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	23.84	1.38
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	28.88	1.50
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	33.76	1.50
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	38.90	1.62
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	43.77	1.62
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	48.79	1.73
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	53.66	1.73
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	58.59	1.85
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	63.69	1.96
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.39	1.38
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	23.90	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	30.42	1.50
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	37.03	1.50
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	43.54	1.50
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	50.27	1.62
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	56.77	1.73
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	63.39	1.73
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	69.89	1.85
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	76.40	1.85
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	83.14	1.96
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	41.67	1.50
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	51.06	1.50
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	60.36	1.62
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	69.98	1.73
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	79.17	1.73
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	88.57	1.85
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	97.86	1.85
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	107.15	1.85
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	116.68	1.96
06 46 36 00-0772		Clear Heart Redwood *(06 46 36)*		
06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	8.10	1.27
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.25	1.27
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.41	1.27
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.55	1.38
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.83	1.38
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	19.12	1.50
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.44	1.50
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	25.88	1.50
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	26.01	1.62
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	27.82	1.73
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.80	1.27
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.72	1.27
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.64	1.38
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.55	1.38
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.65	1.50
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.70	1.50
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	31.42	1.50
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	34.85	1.62
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	38.20	1.62
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	41.75	1.73
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.93	1.27
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.32	1.38
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.70	1.38
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	26.09	1.50
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.51	1.50
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	35.25	1.62
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	47.37	1.62
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	52.77	1.73
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	62.46	1.73
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	68.42	1.85
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	66.13	1.50
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	81.64	1.50
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	97.06	1.62
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	112.69	1.73
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	128.10	1.73
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	143.62	1.85
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	159.02	1.85
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	174.43	1.85
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	190.07	1.96
06 46 36 00-0812		Teak *(06 46 36)*		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	22.74	1.27
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	32.21	1.27
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	41.68	1.27
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	51.14	1.38
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	60.74	1.38
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	70.35	1.50
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	79.80	1.50
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	89.29	1.50
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	98.69	1.62
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	108.31	1.73
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	117.83	1.73
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	52.69	1.27
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	60.57	1.38
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	79.37	1.38
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	98.17	1.50
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	117.01	1.50
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	135.51	1.62
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	154.84	1.62
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	173.68	1.73
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	192.43	1.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	211.40	1.85
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	230.24	1.85
06 46 36 00-0835		Walnut *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	12.36	1.27
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	16.64	1.27
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.93	1.27
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	25.20	1.38
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	29.61	1.38
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	34.03	1.50
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	38.29	1.50
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	42.59	1.50
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	46.81	1.62
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	51.24	1.73
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	55.57	1.73
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.83	1.27
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	20.31	1.27
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	25.74	1.38
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	31.22	1.38
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	36.78	1.50
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	42.39	1.50
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	47.81	1.50
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	53.31	1.62
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	58.68	1.62
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	64.31	1.73
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	69.79	1.73
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	18.22	1.27
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	25.34	1.27
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	32.40	1.38
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	39.52	1.38
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	46.73	1.50
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	53.98	1.50
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	61.02	1.62
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	68.17	1.62
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	75.17	1.62
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	82.44	1.73
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	89.56	1.85
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	24.73	1.27
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	35.01	1.38
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	45.29	1.38
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	55.58	1.50
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	65.90	1.50
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	76.42	1.62
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	86.69	1.62
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	97.01	1.73
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	108.33	1.73
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	117.68	1.85
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	128.01	1.85
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	41.64	1.38
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	60.32	1.38
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	79.00	1.38
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	97.80	1.50
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	116.50	1.50
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	135.39	1.62
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	154.08	1.62
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	172.87	1.73
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	191.56	1.73
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	210.24	1.85
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	229.16	1.96
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	52.12	1.38
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	76.00	1.38
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	99.88	1.50
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	123.86	1.50
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	147.73	1.50
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	171.83	1.62
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	195.69	1.73
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	219.69	1.73
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	243.56	1.85
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	267.43	1.85
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	291.54	1.96

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	356.57	65.49
		For Birch, Add	*79.00*	
		For Mahogany, Add	*191.85*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	375.14	68.63
		For Birch, Add	*83.47*	
		For Mahogany, Add	*202.72*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	393.71	71.30
		For Birch, Add	*87.93*	
		For Mahogany, Add	*213.55*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	429.43	76.31
		For Birch, Add	*96.86*	
		For Mahogany, Add	*235.22*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	465.84	81.77
		For Birch, Add	*105.79*	
		For Mahogany, Add	*256.92*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	546.03	65.73
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	555.27	68.63
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	564.48	71.54
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	580.68	76.20
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	599.31	82.01
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	421.85	65.73
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	442.31	68.63
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	462.86	71.54
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	501.46	76.20
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	542.39	82.01

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	179.14	31.18
		For Oak Or Maple, Add	*36.21*	
		For Birch, Add	*40.89*	
		For Mahogany, Add	*99.30*	
		For Walnut Frame, Add	*52.57*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	180.42	31.29
		For Oak Or Maple, Add	*36.52*	
		For Birch, Add	*41.23*	
		For Mahogany, Add	*100.13*	
		For Walnut Frame, Add	*53.01*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	182.53	31.87
		For Oak Or Maple, Add	*36.79*	
		For Birch, Add	*41.54*	
		For Mahogany, Add	*100.89*	
		For Walnut Frame, Add	*53.41*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	185.29	32.68
		For Oak Or Maple, Add	*37.16*	
		For Birch, Add	*41.95*	
		For Mahogany, Add	*101.88*	
		For Walnut Frame, Add	*53.94*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	189.51	33.50
		For Oak Or Maple, Add	*37.94*	
		For Birch, Add	*42.84*	
		For Mahogany, Add	*104.04*	
		For Walnut Frame, Add	*55.08*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	200.11	35.60
		For Oak Or Maple, Add	*39.95*	
		For Birch, Add	*45.10*	
		For Mahogany, Add	*109.54*	
		For Walnut Frame, Add	*57.99*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	212.44	38.51
		For Oak Or Maple, Add	*41.96*	
		For Birch, Add	*47.38*	
		For Mahogany, Add	*115.06*	
		For Walnut Frame, Add	*60.92*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	223.63	40.94
		For Oak Or Maple, Add	*43.97*	
		For Birch, Add	*49.64*	
		For Mahogany, Add	*120.56*	
		For Walnut Frame, Add	*63.83*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.73	2.79
		For Oak Or Maple, Add	*0.66*	
		For Birch, Add	*0.75*	
		For Mahogany, Add	*1.82*	
		For Walnut Frame, Add	*0.96*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	13.44	1.88
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	17.24	2.04
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	20.67	2.20
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	30.30	2.61
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	36.32	2.94
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	19.42	2.53
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	26.30	2.69
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	27.38	2.77
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	37.92	3.02
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	51.92	3.18
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	8.78	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	12.29	1.10
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	16.06	1.22
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	19.62	1.47
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	29.02	1.71
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	35.27	2.20
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	18.02	1.55
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	24.78	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	25.98	1.79
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	36.53	2.04
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	50.51	2.20
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0024 Columns, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	20.58	3.33
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	29.21	4.72
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	30.98	5.29
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	42.22	6.03
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	57.95	7.41
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0030 Walls, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	7.87	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	9.01	1.22
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	12.63	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	16.30	1.39
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	

06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	7.69	0.93
		For Reinforced Structural Plastic Lumber, Add	*2.32*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.78*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.63*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.56*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	9.81	1.05
		For Reinforced Structural Plastic Lumber, Add	*3.07*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.50*	
		For White Color, Add	*1.04*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.16*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.75*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	12.90	1.05
		For Reinforced Structural Plastic Lumber, Add	*4.21*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.68*	
		For White Color, Add	*1.42*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.96*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-1.03*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	7.73	0.93
		For Reinforced Structural Plastic Lumber, Add	*2.33*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.64*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	8.55	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.60*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.42*	
		For White Color, Add	*0.88*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.83*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.63*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	8.71	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.66*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.43*	
		For White Color, Add	*0.90*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.87*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	5.29	0.90
		For Reinforced Structural Plastic Lumber, Add	*1.48*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.24*	
		For White Color, Add	*0.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.04*	
		For >750, Deduct	*-0.36*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	7.87	1.05
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	9.01	1.22
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	12.63	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	16.30	1.39
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	19.62	1.47
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	23.76	1.55
		For Reinforced Structural Plastic Lumber, Add	*7.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.29*	
		For White Color, Add	*2.70*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.61*	
		For >750, Deduct	*-1.94*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	12.97	1.43
		For Reinforced Structural Plastic Lumber, Add	*4.04*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.66*	
		For White Color, Add	*1.37*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.84*	
		For >750, Deduct	*-0.98*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	19.13	1.52
		For Reinforced Structural Plastic Lumber, Add	*6.28*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.02*	
		For White Color, Add	*2.12*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.41*	
		For >750, Deduct	*-1.53*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	24.99	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.40*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.36*	
		For White Color, Add	*2.84*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.90*	
		For >750, Deduct	*-2.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	29.02	1.71
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	35.27	2.20
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	18.02	1.55
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	24.78	1.63
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	33.41	1.76
		For Reinforced Structural Plastic Lumber, Add	*11.43*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.85*	
		For White Color, Add	*3.86*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.03*	
		For >500, Deduct	*-3.09*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	25.98	1.79
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	36.53	2.04
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	50.51	2.20
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	71.46	2.45
		For Reinforced Structural Plastic Lumber, Add	*25.15*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*4.08*	
		For White Color, Add	*8.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*17.67*	
		For >500, Deduct	*-6.80*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	63.50	2.34
		For Reinforced Structural Plastic Lumber, Add	*22.26*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*3.61*	
		For White Color, Add	*7.52*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*15.64*	
		For >500, Deduct	*-6.02*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	108.81	2.45
		For Reinforced Structural Plastic Lumber, Add	*38.97*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*6.32*	
		For White Color, Add	*13.17*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*27.38*	
		For >500, Deduct	*-10.53*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	151.12	2.56
		For Reinforced Structural Plastic Lumber, Add	*54.57*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*8.85*	
		For White Color, Add	*18.44*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*38.34*	
		For >500, Deduct	*-14.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	5.70	0.82
		For Reinforced Structural Plastic Lumber, Add	*1.68*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.27*	
		For White Color, Add	*0.57*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.18*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	16.64	1.05
		For Reinforced Structural Plastic Lumber, Add	*5.59*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.91*	
		For White Color, Add	*1.89*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.93*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	18.33	1.22
		For Reinforced Structural Plastic Lumber, Add	*6.14*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.00*	
		For White Color, Add	*2.07*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.31*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	22.71	1.47
		For Reinforced Structural Plastic Lumber, Add	*7.63*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.24*	
		For White Color, Add	*2.58*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.36*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	50.57	1.71
		For Reinforced Structural Plastic Lumber, Add	*17.80*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.89*	
		For White Color, Add	*6.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.51*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	4.56	0.90
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	6.76	0.93
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	9.83	0.99
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	12.58	1.02

06 51 23 Plastic Channel and Shapes *(06 51)*

06 51 23 00-0001 Channel *(06 51 23)*

06 51 23 00-0002	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22)	19.69	2.62
06 51 23 00-0003	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22H1-7/8)	35.63	2.62
06 51 23 00-0004	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22SH)	35.63	2.62
06 51 23 00-0005	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (Cooper B-Line BFP22A)	46.25	2.62
06 51 23 00-0006	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22)	24.37	2.62
06 51 23 00-0007	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22H1-7/8)	40.52	2.62
06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22SH)	40.52	2.62
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (Cooper B-Line BFV22A)	50.72	2.62
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42)	19.90	2.62
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42H1-7/8)	31.17	2.62
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42SH)	31.17	2.62
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (Cooper B-Line BFP42A)	41.79	2.62
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42)	23.94	2.62
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42H1-7/8)	35.63	2.62
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42SH)	35.63	2.62
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (Cooper B-Line BFV42A)	43.70	2.62

06 51 33 Carbon Fiber Plates *(06 51)*

06 51 33 00-0001 Carbon Fiber Plates *(06 51 33)*

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.92
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	31.43
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	54.33
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	54.33
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	96.99
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	180.04
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	180.62
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	344.22
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	516.76
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	1,029.73
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	24.98
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	44.09
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	75.85
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	75.85
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	134.97
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	254.74
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	255.32
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	483.48
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	731.98
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,460.17
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	30.05
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	49.16
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	87.25
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	87.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	174.22	
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	333.23	
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	333.81	
06 51 33 00-0029	EA	24" x 48", 0.079" Thickness, Carbon Fiber Plates	553.11	
06 51 33 00-0030	EA	38" x 48", 0.079" Thickness, Carbon Fiber Plates	840.86	
06 51 33 00-0031	EA	38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,666.53	
06 51 33 00-0032	EA	6" x 6", 3/32" Thickness, Carbon Fiber Plates	33.85	
06 51 33 00-0033	EA	6" x 12", 3/32" Thickness, Carbon Fiber Plates	58.02	
06 51 33 00-0034	EA	6" x 24", 3/32" Thickness, Carbon Fiber Plates	96.11	
06 51 33 00-0035	EA	12" x 12", 3/32" Thickness, Carbon Fiber Plates	96.11	
06 51 33 00-0036	EA	12" x 24", 3/32" Thickness, Carbon Fiber Plates	176.75	
06 51 33 00-0037	EA	12" x 48", 3/32" Thickness, Carbon Fiber Plates	331.96	
06 51 33 00-0038	EA	24" x 24", 3/32" Thickness, Carbon Fiber Plates	332.54	
06 51 33 00-0039	EA	24" x 48", 3/32" Thickness, Carbon Fiber Plates	635.40	
06 51 33 00-0040	EA	38" x 48", 3/32" Thickness, Carbon Fiber Plates	961.13	
06 51 33 00-0041	EA	38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,915.93	
06 51 33 00-0042	EA	6" x 6", 0.119" Thickness, Carbon Fiber Plates	38.91	
06 51 33 00-0043	EA	6" x 12", 0.119" Thickness, Carbon Fiber Plates	70.68	
06 51 33 00-0044	EA	6" x 24", 0.119" Thickness, Carbon Fiber Plates	113.83	
06 51 33 00-0045	EA	12" x 12", 0.119" Thickness, Carbon Fiber Plates	113.83	
06 51 33 00-0046	EA	12" x 24", 0.119" Thickness, Carbon Fiber Plates	204.60	
06 51 33 00-0047	EA	12" x 48", 0.119" Thickness, Carbon Fiber Plates	390.20	
06 51 33 00-0048	EA	24" x 24", 0.119" Thickness, Carbon Fiber Plates	390.78	
06 51 33 00-0049	EA	24" x 48", 0.119" Thickness, Carbon Fiber Plates	741.74	
06 51 33 00-0050	EA	38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,124.44	
06 51 33 00-0051	EA	38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,238.76	
06 51 33 00-0052	EA	6" x 6", 1/8" Thickness, Carbon Fiber Plates	37.64	
06 51 33 00-0053	EA	6" x 12", 1/8" Thickness, Carbon Fiber Plates	66.88	
06 51 33 00-0054	EA	6" x 24", 1/8" Thickness, Carbon Fiber Plates	113.83	
06 51 33 00-0055	EA	12" x 12", 1/8" Thickness, Carbon Fiber Plates	113.83	
06 51 33 00-0056	EA	12" x 24", 1/8" Thickness, Carbon Fiber Plates	190.67	
06 51 33 00-0057	EA	12" x 48", 1/8" Thickness, Carbon Fiber Plates	369.94	
06 51 33 00-0058	EA	24" x 24", 1/8" Thickness, Carbon Fiber Plates	370.52	
06 51 33 00-0059	EA	24" x 48", 1/8" Thickness, Carbon Fiber Plates	703.76	
06 51 33 00-0060	EA	38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,111.78	
06 51 33 00-0061	EA	38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,174.19	
06 51 33 00-0062	EA	6" x 6", 0.157" Thickness, Carbon Fiber Plates	46.51	
06 51 33 00-0063	EA	6" x 12", 0.157" Thickness, Carbon Fiber Plates	92.20	
06 51 33 00-0064	EA	6" x 24", 0.157" Thickness, Carbon Fiber Plates	139.15	
06 51 33 00-0065	EA	12" x 12", 0.157" Thickness, Carbon Fiber Plates	139.15	
06 51 33 00-0066	EA	12" x 24", 0.157" Thickness, Carbon Fiber Plates	241.31	
06 51 33 00-0067	EA	12" x 48", 0.157" Thickness, Carbon Fiber Plates	459.83	
06 51 33 00-0068	EA	24" x 24", 0.157" Thickness, Carbon Fiber Plates	460.41	
06 51 33 00-0069	EA	24" x 48", 0.157" Thickness, Carbon Fiber Plates	881.00	
06 51 33 00-0070	EA	38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,334.60	
06 51 33 00-0071	EA	38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,662.87	
06 51 33 00-0072	EA	6" x 6", 3/16" Thickness, Carbon Fiber Plates	52.84	
06 51 33 00-0073	EA	6" x 12", 3/16" Thickness, Carbon Fiber Plates	94.73	
06 51 33 00-0074	EA	6" x 24", 3/16" Thickness, Carbon Fiber Plates	159.41	
06 51 33 00-0075	EA	12" x 12", 3/16" Thickness, Carbon Fiber Plates	159.41	
06 51 33 00-0076	EA	12" x 24", 3/16" Thickness, Carbon Fiber Plates	274.23	
06 51 33 00-0077	EA	12" x 48", 3/16" Thickness, Carbon Fiber Plates	529.46	
06 51 33 00-0078	EA	24" x 24", 3/16" Thickness, Carbon Fiber Plates	530.04	
06 51 33 00-0079	EA	24" x 48", 3/16" Thickness, Carbon Fiber Plates	1,007.60	
06 51 33 00-0080	EA	38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,524.50	
06 51 33 00-0081	EA	38" x 96", 3/16" Thickness, Carbon Fiber Plates	3,030.01	
06 51 33 00-0082	EA	6" x 6", 0.197" Thickness, Carbon Fiber Plates	54.10	
06 51 33 00-0083	EA	6" x 12", 0.197" Thickness, Carbon Fiber Plates	101.06	
06 51 33 00-0084	EA	6" x 24", 0.197" Thickness, Carbon Fiber Plates	173.34	
06 51 33 00-0085	EA	12" x 12", 0.197" Thickness, Carbon Fiber Plates	151.81	
06 51 33 00-0086	EA	12" x 24", 0.197" Thickness, Carbon Fiber Plates	304.61	
06 51 33 00-0087	EA	12" x 48", 0.197" Thickness, Carbon Fiber Plates	534.52	
06 51 33 00-0088	EA	24" x 24", 0.197" Thickness, Carbon Fiber Plates	535.10	
06 51 33 00-0089	EA	24" x 48", 0.197" Thickness, Carbon Fiber Plates	1,015.20	
06 51 33 00-0090	EA	38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,542.22	
06 51 33 00-0091	EA	38" x 96", 0.197" Thickness, Carbon Fiber Plates	3,061.66	
06 51 33 00-0092	EA	6" x 6", 1/4" Thickness, Carbon Fiber Plates	62.96	
06 51 33 00-0093	EA	6" x 12", 1/4" Thickness, Carbon Fiber Plates	113.72	
06 51 33 00-0094	EA	6" x 24", 1/4" Thickness, Carbon Fiber Plates	189.79	
06 51 33 00-0095	EA	12" x 12", 1/4" Thickness, Carbon Fiber Plates	189.79	
06 51 33 00-0096	EA	12" x 24", 1/4" Thickness, Carbon Fiber Plates	342.59	
06 51 33 00-0097	EA	12" x 48", 1/4" Thickness, Carbon Fiber Plates	654.79	
06 51 33 00-0098	EA	24" x 24", 1/4" Thickness, Carbon Fiber Plates	655.37	
06 51 33 00-0099	EA	24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,248.14	
06 51 33 00-0100	EA	38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,896.70	
06 51 33 00-0101	EA	38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,769.35	

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	19.22	7.34
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	27.31	10.67
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	31.48	12.01
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	37.56	12.57
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	45.37	14.52
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	36.84	13.90
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	40.59	15.01
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	47.25	16.68
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	62.26	17.80
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	81.66	19.46

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	20.10	7.34
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	28.49	10.67
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	32.97	12.01
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	40.06	12.57
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	48.64	14.57
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	38.64	13.90
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	42.70	15.01
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	50.03	16.68
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	67.60	17.80
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	90.21	19.46

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	128.94	16.68
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	170.19	19.46
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	216.27	22.24
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	151.32	16.68
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	181.68	19.46
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	261.03	22.24
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	187.61	16.68
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	227.04	19.46
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	298.54	22.24
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	130.75	16.68
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	173.82	19.46
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	219.90	22.24
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	130.75	16.68
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	156.88	19.46
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	204.78	22.24

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	50.91	2.87
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	69.10	3.45
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	90.85	3.79

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	6.48	2.31
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	7.93	2.89
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	6.09	2.42

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	6.01	2.31
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	7.33	2.42
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	9.84	2.54
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	11.23	2.65
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	12.83	2.77
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	16.22	2.89

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	10.22	2.31
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	13.63	2.89
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	14.17	2.89
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	14.71	2.89
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	19.10	3.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	22.44	3.46
06 65 00 00-0020		**Dentil, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	8.79	2.31
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	9.81	2.31
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	12.12	2.31
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	16.10	2.31
06 65 00 00-0025		**Cove, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.45	1.27
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.72	1.27
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.87	1.50
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.87	1.50
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	6.07	1.50
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	7.88	1.73
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	10.41	1.73
06 65 00 00-0033		**Chair Rail, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	5.71	1.73
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	7.68	2.31
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	9.23	2.31
06 65 00 00-0037		**Door, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	5.07	2.08
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.11	2.08
06 65 00 00-0040		**Trim, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.40	2.42
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	7.45	2.42
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.85	2.31
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	7.91	2.31
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.83	2.31
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	8.67	2.31
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.41	2.31
06 65 00 00-0048		**Extruded Polyvinyl Chloride (PVC) Trimboard** *(06 65)* Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.18	0.92
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	5.98	1.04
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	7.84	1.15
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	9.43	1.18
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	11.19	1.21
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	5.12	0.92
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	7.43	1.04
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	9.45	1.15
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	11.64	1.18
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	13.66	1.21
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	11.13	1.18
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	14.76	1.21
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	7.80	1.04
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	11.22	1.15

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001		**Molded Fiberglass Gratings And Coverings** *(06 74 13)*		
06 74 13 00-0002		**Vi-Corr Resin System** *(06 74 13 00-0001)* Note: Orange or dark gray.		
06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	46.29	2.07
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	44.96	2.07
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	58.71	2.07
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	63.55	2.65
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	48.58	2.07
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	47.20	2.07
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	62.02	2.07
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	66.67	2.65
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	43.86	1.66
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	71.12	1.82
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	97.52	2.00

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0014		**IFR Fire Retardant Isophthalic Resin** *(06 74 13 00-0001)*		
06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	42.56	2.07
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	39.85	2.07
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	51.32	2.07
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	55.36	2.65
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	44.44	2.07
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	40.92	2.07
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	55.75	2.65
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	58.44	2.65
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	38.65	1.66
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	54.76	1.82
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	75.27	2.00
06 74 13 00-0026		**Corvex Polyester Resin** *(06 74 13 00-0001)*		
		Note: Dark gray.		
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	36.09	2.07
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	34.66	2.07
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	42.04	2.07
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	48.32	2.65
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	38.47	2.07
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	37.02	2.07
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	44.80	2.07
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	50.68	2.65
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	34.12	1.66
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	54.52	1.82
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	75.67	2.00
06 74 13 00-0038		**XFR Extra Fire Retardant** *(06 74 13 00-0001)*		
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	53.17	2.07
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	51.62	2.07
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	70.72	2.07
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	75.53	2.65
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	55.50	2.07
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	53.98	2.07
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	73.48	2.07
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	78.87	2.65
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	50.27	1.66
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	81.37	1.82
06 74 13 00-0049		**ELS Extremely Low Smoke Resin** *(06 74 13 00-0001)*		
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	54.53	2.07
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	52.88	2.07
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	68.82	2.07
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	73.73	2.65
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	56.69	2.07
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	55.33	2.07
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	71.48	2.07
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	76.42	2.65
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	56.20	1.66
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	101.44	1.82
06 74 13 00-0060		**Pultruded Fiberglass Grating** *(06 74 13)*		
06 74 13 00-0061		**ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		**1" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	38.73	2.65
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.35	2.07
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	43.82	2.65
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	40.51	2.07
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	30.17	2.65
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	26.70	2.07
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	34.59	2.65
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	31.21	2.07
06 74 13 00-0071		**1-1/2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	43.77	2.65
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.50	2.07
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	49.22	2.65
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	46.16	2.07
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	38.45	2.65
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.07	2.07
06 74 13 00-0078		**2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	37.91	2.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	41.98	2.65
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	50.80	2.65
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	47.92	2.65
06 74 13 00-0083		VERF Vinyl Ester Resin System *(06 74 13 00-0060)*		
06 74 13 00-0084		1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.02	2.07
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.66	2.07
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	46.16	2.07
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	53.03	2.07
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	31.43	2.07
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	28.07	2.07
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	36.12	2.07
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	33.12	2.07
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	45.06	2.07
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	40.75	2.07
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	51.55	2.07
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	48.11	2.07
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	40.47	2.07
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.26	2.07
06 74 13 00-0100		2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	39.84	2.65
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.72	2.65
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	53.51	2.65
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	51.96	2.65

06 80 Composite Fabrications *(06)*

06 81 Composite Railings *(06 80)*

06 81 13 Glass-Fiber-Reinforced Plastic Railings *(06 81)*

06 81 13 00-0001 Fiberglass Handrail Assemblies *(06 81 13)*

Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.

06 81 13 00-0002	LF	Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	79.87	22.99
		For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	*3.00*	
		For Sloped Floor Installation, Add	*6.29*	
		For Stair Installation (Without Kick Plates), Add	*11.74*	
06 81 13 00-0003	LF	Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	90.31	21.55
06 81 13 00-0004	LF	Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly	85.94	28.73

06 81 13 00-0005 Fiberglass Handrail Components *(06 81 13)*

Note: This section is only to be used when entire handrail assembly is not required.

06 81 13 00-0006	LF	Fiberglass Kick Plate (12' Sections) With Splice Kit	18.82	5.75
06 81 13 00-0007	LF	Fiberglass Kick Plate (24' sections) With Splice Kit	16.79	5.75
06 81 13 00-0008	EA	Fiberglass Side Mount Post For Handrail	180.49	34.48
06 81 13 00-0009	EA	Fiberglass Top Mount Post For Handrail With Stainless Steel Base	208.09	22.99
06 81 13 00-0010	LF	Fiberglass Square Tube (12' sections) For Horizontal Handrail, ISOFR 1-3/4" x 1/8"	20.50	6.89
06 81 13 00-0011	LF	Fiberglass Square Tube (24' sections) For Horizontal Handrail, ISOFR 1-3/4" x 1/8"	19.45	6.89
06 81 13 00-0012	LF	Fiberglass Square Tube (21' sections) For Horizontal Handrail, ISOFR 2-1/8" x 3/16"	21.02	6.89

06 82 Composite Trim *(06 80)*

06 82 00 00-0001 Fiberglass Castings *(06 82)*

06 82 00 00-0002 Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	9.89	3.45
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	10.37	3.45
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.57	4.13
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.52	4.13
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.64	4.13
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	22.05	4.13
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	23.95	4.13
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	26.97	4.13
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	64.72	5.17
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	74.47	5.17

06 82 00 00-0013 Fiberglass Channels *(06 82 00 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	11.43	5.17
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	11.91	5.17
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	23.98	5.86
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	23.98	5.86
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	37.66	5.86
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	43.82	5.86
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	35.37	5.86
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	42.78	5.86
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	53.88	8.04
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	61.81	8.04
06 82 00 00-0024		**Fiberglass Wide Flange Beams** *(06 82 00 00-0001)*		
06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	32.76	6.89
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	35.84	6.89
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	41.94	8.28
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	43.41	8.28
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	67.73	10.35
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	85.05	10.35
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	150.70	12.64
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	169.64	12.64
06 82 00 00-0033		**Fiberglass Flat Sheet** *(06 82 00 00-0001)*		
		Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	27.08	5.86
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	28.29	5.86
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	42.60	6.89
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	49.03	6.89
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	57.83	8.28
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	67.49	8.28
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	78.01	10.35
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	92.80	10.35
06 82 00 00-0042		**Fiberglass Bars** *(06 82 00 00-0001)*		
06 82 00 00-0043		**Square Bars** *(06 82 00 00-0042)*		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	16.10	4.13
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	23.12	6.09
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	27.10	8.04
06 82 00 00-0047		**Round Bars** *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	10.32	3.45
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	22.19	5.17
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	25.12	5.17
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	33.33	5.17
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	39.85	5.86
06 82 00 00-0053		**Fiberglass Tubes** *(06 82 00 00-0001)*		
06 82 00 00-0054		**Square Tube** *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	11.65	3.45
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	12.59	3.45
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	17.26	4.13
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	18.93	4.13
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	32.97	5.17
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	36.84	5.17
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	38.79	6.21
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	49.56	6.21
06 82 00 00-0063		**Round Tube** *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	11.15	3.45
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	11.58	3.45
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	20.98	4.13
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	22.40	4.13
06 82 00 00-0068		**Fiberglass Threaded Rods** *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	15.12	2.65
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.10	2.65
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	18.48	2.99
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	20.37	2.99
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	22.53	2.99
06 82 00 00-0074		**Grating Support Legs, VEFR Resin** *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	13.52	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	5.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	21.78	
06 82 00 00-0078		Fiberglass Netting *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0089		Fiberglass Stair Treads *(06 82)*		
06 82 00 00-0090		Fiberglass Stair Treads *(06 82 00 00-0089)*		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	117.14	18.05
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	137.44	18.05
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	157.75	18.05
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	178.05	18.05
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	129.32	18.05
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	152.67	18.05
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	176.02	18.05
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	199.37	18.05
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	148.00	18.05
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	176.02	18.05
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	204.04	18.05
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	232.06	18.05
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	128.75	18.05
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	151.95	18.05
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	175.16	18.05
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	198.36	18.05
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	142.67	18.05
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	169.35	18.05
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	196.04	18.05
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	222.73	18.05
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	164.02	18.05
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	196.04	18.05
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	228.07	18.05
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	260.09	18.05
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	20.07	4.19

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)*
Note: Includes adhesive and trim.

06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Note: Including Adhesive And Trim	3.96	2.10

END OF SECTION 06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	88.16	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	154.24	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	25.93	
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	23.17	
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	21.05	
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	19.59	
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	29.11	
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	26.36	
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	24.24	
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	22.77	
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	22.75	
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	20.31	
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	18.51	
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	17.36	
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	8.50	

07 01 50 81-0015 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0016	EA	Mobilize For Emergency Roof Patching	816.97	
07 01 50 81-0017	EA	16 SF Granule Emergency Roof Patch Cover	104.55	

07 01 50 81-0018 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer *(07 01 50 81-0018)*

07 01 50 81-0020 Applied At Joints Only *(07 01 50 81-0019)*

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint For Roof Repair	5.37	2.31

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.24	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 30,000, Deduct	*-0.04*	
		For >30,000, Deduct	*-0.05*	

07 01 60 Maintenance of Flashing and Sheet Metal *(07 01)*

07 01 60 91 Flashing and Sheet Metal Restoration *(07 01 60)*

07 01 60 91-0001 Re-connecting Downspouts To Gutters *(07 01 60 91)*

07 01 60 91-0002	EA	Re-connecting Existing Downspouts To Gutter With Fasteners	38.19	
07 01 60 91-0003	EA	Re-connecting Existing Downspouts To Gutter By Welding	60.59	

07 01 70 Operation and Maintenance of Roof Specialties and Accessories *(07 01)*

07 01 70 00-0001 Metal Roofing Edge Repair *(07 01 70)*

07 01 70 00-0002	LF	Cut Existing Metal Roofing Edge, 20 to 26 Gauge	5.34	
07 01 70 00-0003	LF	Cut Existing Metal Roofing Edge, 16 to 19 Gauge	6.67	
07 01 70 00-0004	LF	Cut Existing Metal Roofing Edge, 11 to 15 Gauge	7.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 01 70 00-0005		Metal Roofing Repair *(07 01 70)*		
07 01 70 00-0006	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, Up To 10 SF	29.11	
07 01 70 00-0007	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 11 To 25 SF	26.36	
07 01 70 00-0008	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 25 To 50 SF	24.24	
07 01 70 00-0009	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 50 To 100 SF	22.77	
07 01 70 00-0010		Removal And Reinstallation Of Metal Coping *(07 01 70)*		
		Note: Includes storage, cleaning and supply materials.		
07 01 70 00-0011	LF	Removal And Reinstallation Of Metal Coping	11.35	
		For Up To 25 LF, Add	*5.68*	
		For >25 To 100 LF, Add	*2.84*	
		For >1,000 LF, Deduct	*-1.14*	

07 05 Common Work Results for Thermal and Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001		Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*		
		Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.		
07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,636.56	
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,224.48	
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	818.28	
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	408.16	

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001		Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*		
07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	201.49	
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	310.42	
07 11 13 00-0004		Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*		
07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	346.15	
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	536.56	
07 11 13 00-0007		Asphaltic Paint Dampproofing *(07 11 13)*		
07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	162.06	
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing	299.58	

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001		Neoprene *(07 11 19)*		
07 11 19 00-0002	SF	5 To 20 SF, 1/16" Patch Neoprene Roof	43.29	

07 13 Sheet Waterproofing *(07 10)*

07 13 13 Bituminous Sheet Waterproofing *(07 13)*

07 13 13 00-0001		15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*		
07 13 13 00-0002	CSF	1 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	375.27	130.51
		For 30 Lb. Felt, Add	*85.68*	
		For Application To Horizontal Surfaces, Deduct	*-39.15*	
07 13 13 00-0003	CSF	2 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	473.42	146.83
		For 30 Lb. Felt, Add	*134.82*	
		For Application To Horizontal Surfaces, Deduct	*-44.05*	
07 13 13 00-0004	CSF	3 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	571.57	163.14
		For 30 Lb. Felt, Add	*183.96*	
		For Application To Horizontal Surfaces, Deduct	*-48.94*	
07 13 13 00-0005	CSF	4 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	669.71	179.46
		For 30 Lb. Felt, Add	*233.10*	
		For Application To Horizontal Surfaces, Deduct	*-53.84*	
07 13 13 00-0006	CSF	5 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	767.86	195.77
		For 30 Lb. Felt, Add	*282.24*	
		For Application To Horizontal Surfaces, Deduct	*-58.73*	
07 13 13 00-0007		Asphalt Coated Protective Board *(07 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	321.15	131.12
		For Application To Horizontal Surfaces, Deduct	*-43.73*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	414.54	136.16
		For Application To Horizontal Surfaces, Deduct	*-45.39*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	527.00	141.88
		For Application To Horizontal Surfaces, Deduct	*-47.28*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	585.26	147.60
		For Application To Horizontal Surfaces, Deduct	*-49.21*	

07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

07 13 53 00-0001 Rubberized Membrane Sheet *(07 13 53)*

07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	8.65	1.36
		For Floor Surfaces, Deduct	*-1.33*	

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*

07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	536.06	191.22
		For Application To Horizontal Surfaces, Deduct	*-57.36*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	606.99	191.22
		For Application To Horizontal Surfaces, Deduct	*-57.36*	

07 13 53 00-0006 Butyl Sheet Waterproofing *(07 13 53)*

07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	111.14	47.80
		For Joint Taping, Add	*16.57*	
		For Each Additional Ply, Add	*82.59*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	131.27	47.80
		For Joint Taping, Add	*17.58*	
		For Each Additional Ply, Add	*96.68*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0009 Butyl With Nylon *(07 13 53)*

07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	122.65	47.80
		For Joint Taping, Add	*17.15*	
		For Each Additional Ply, Add	*90.65*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	135.59	47.80
		For Joint Taping, Add	*17.80*	
		For Each Additional Ply, Add	*99.70*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	188.84	47.80
		For Joint Taping, Add	*20.46*	
		For Each Additional Ply, Add	*136.98*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	274.50	47.80
		For Joint Taping, Add	*24.74*	
		For Each Additional Ply, Add	*196.94*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	197.78	47.80
		For Joint Taping, Add	*20.91*	
		For Each Additional Ply, Add	*143.24*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	288.78	47.80
		For Joint Taping, Add	*25.46*	
		For Each Additional Ply, Add	*206.94*	
		For Application To Horizontal Surfaces, Deduct	*-7.19*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	38.67	14.08
		For Joint Taping, Add	*9.10*	
		For Each Additional Ply, Add	*30.18*	
		For Application To Horizontal Surfaces, Deduct	*-4.67*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	40.26	14.08
		For Joint Taping, Add	*9.18*	
		For Each Additional Ply, Add	*31.30*	
		For Application To Horizontal Surfaces, Deduct	*-4.67*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	67.35	14.08
		For Joint Taping, Add	*10.53*	
		For Each Additional Ply, Add	*50.26*	
		For Application To Horizontal Surfaces, Deduct	*-4.67*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	146.07	14.08
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*105.71*	
		For Application To Horizontal Surfaces, Deduct	*-5.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 13 53 00-0023 Polyvinyl Chloride (PVC) Vapor Barrier *(07 13 53)*

07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	54.71	15.58
		For Joint Taping, Add	*9.90*	
		For Each Additional Ply, Add	*41.41*	
		For Application To Horizontal Surfaces, Deduct	*-4.67*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	73.04	16.16
		For Joint Taping, Add	*11.09*	
		For Each Additional Ply, Add	*54.36*	
		For Application To Horizontal Surfaces, Deduct	*-4.85*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	97.73	16.74
		For Joint Taping, Add	*12.58*	
		For Each Additional Ply, Add	*71.76*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	

07 13 53 00-0027 Vinyl Plastic Vapor Barrier *(07 13 53)*

07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	47.61	14.43

07 13 54 Thermoplastic Sheet Waterproofing *(07 13)*

07 13 54 00-0001 Thermoplastic Sheet Waterproofing *(07 13 54)*

07 13 54 00-0002	SF	60 Mil Thermoplastic Active Polymer Core Membrane (Cetco Coreflex 60)	11.45
07 13 54 00-0003	SF	Cortex Active Polymer Core Seperation Sheet (Cetco Coretex)	7.56
07 13 54 00-0004	SF	Hardscape Walk Path Drain Board (Cetco Aquadrain 30HD)	2.60
07 13 54 00-0005	SF	Planted Area Drain Board (Cetco GS-300)	4.58
07 13 54 00-0006	SF	Root Barrier (Cetco GS-120)	3.37
07 13 54 00-0007	LF	Stainless Steel Termination Bar (Cetco)	5.45

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.72	
		For Application To Horizontal Surfaces, Deduct	*-0.25*	
		For Reinforcing Fabric, Add	*0.60*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	3.18	
		For Application To Horizontal Surfaces, Deduct	*-0.26*	
		For Reinforcing Fabric, Add	*0.60*	

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.69	
		For Application To Horizontal Surfaces, Deduct	*-0.58*	
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	5.30	
		For Application To Horizontal Surfaces, Deduct	*-0.61*	
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	5.97	
		For Application To Horizontal Surfaces, Deduct	*-0.64*	

07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*

07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer	3.41	

07 14 16 00-0007 Copolymer Compound *(07 14 16)*

07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs	5.33	

07 14 16 00-0009 Fluid Applied Neoprene *(07 14 16)*

07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene	629.53	
		For Application To Horizontal Surfaces, Deduct	*-69.66*	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene	1,181.97	
		For Application To Horizontal Surfaces, Deduct	*-136.65*	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene	1,907.73	
		For Application To Horizontal Surfaces, Deduct	*-204.87*	

07 14 16 00-0013 Moisture Barrier (Maxxon) *(07 14 16)*

07 14 16 00-0014	SF	Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030) Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring	3.85	
07 14 16 00-0015	SF	Moisture Barrier Primer, Roller Application (Maxxon MVP 13030) Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring	3.41	
07 14 16 00-0016	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.53	
07 14 16 00-0017	SF	Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0018	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	2.09	
07 14 16 00-0019	SF	Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.65	
07 14 16 00-0020		Waterproofing (Sika) *(07 14 16)*		
07 14 16 00-0021	SF	30 Mil Thick, Two-Component Polyurethane, Roller Grade Bitumen Modified Waterproofing, (Sika Sikagard®-7600 HG)	6.46	

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	5.13	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	6.21	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	533.81	
		For Application To Horizontal Surfaces, Deduct	*-67.16*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	511.14	156.45
		For Application To Horizontal Surfaces, Deduct	*-46.95*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	477.19	165.30
		For Application To Horizontal Surfaces, Deduct	*-50.81*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	634.07	172.38
		For Application To Horizontal Surfaces, Deduct	*-51.70*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	513.09	143.38
		For Application To Horizontal Surfaces, Deduct	*-42.99*	

07 18 Traffic Coatings *(07 10)*

07 18 13 Pedestrian Traffic Coatings *(07 18)*

07 18 13 00-0001		Elastomeric Plaza Deck System (Garland Dura-Walk®) *(07 18 13)* Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Exlucdes surface preparaion, deck crack repair, joint sealants or markings.		
07 18 13 00-0002	SQ	Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit)	182.48	
07 18 13 00-0003	SQ	32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	513.30	
07 18 13 00-0004	SQ	16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	297.76	
07 18 13 00-0005	SQ	16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	355.33	
07 18 13 00-0006	LF	6" Wide, Poly Joint Tape (Garland Dura-Walk®)	1.85	
07 18 13 00-0007		Pedestrian Traffic Coating *(07 18 13)* Note: Gaco Western		
07 18 13 00-0008	SF	GACOCRETE A-17, Acrylic Elastomeric Coating	3.18	
07 18 13 00-0009	SF	Silicone Enhanced A-30, Acrylic Elastomeric Coating	2.71	
		For >2,000, Deduct	*-0.33*	
07 18 13 00-0010	SF	Quick Set A-31, Acrylic Elastomeric Coating	2.52	
07 18 13 00-0011	SF	A-32, Acrylic Elastomeric Coating	2.83	
		For >2,000, Deduct	*-0.37*	
07 18 13 00-0012	SF	Liquid Seam Tape A-3611, Acrylic Elastomeric Coating	2.94	
		For >2,000, Deduct	*-0.41*	
07 18 13 00-0013	SF	A-38, Acrylic Elastomeric Coating	2.90	
07 18 13 00-0014	SF	Acrylic Primer A-4121	1.99	
07 18 13 00-0015	SF	Two Component Epoxy Emulsion Primer Filler E-5320	3.30	
07 18 13 00-0016	SF	Two Component Epoxy Rust Inhibiting Primer E-5388	3.83	
07 18 13 00-0017	SF	Two Component 100% Solids Primer E-5481	4.18	
07 18 13 00-0018	SF	Hypalon Roof Coating H-25	3.84	
07 18 13 00-0019	SF	Neoprene Adhesive N-1207	2.99	
07 18 13 00-0020	SF	GACOSIL S-10 Silicone	3.30	
		For >2,000, Deduct	*-0.54*	
07 18 13 00-0021	SF	GACOSIL S-20 Silicone	3.39	
		For >2,000, Deduct	*-0.57*	
07 18 13 00-0022	SF	Urethane Primer/Sealer U-5677	2.15	
07 18 13 00-0023	SF	Single Component Polyurethane Coating, Ure-Shield Aluminum U-6006	3.06	
		For >2,000, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0024	SF	Two Component Polyurethane Coating U-62	4.61	
		For >2,000, Deduct	*-0.79*	
07 18 13 00-0025	SF	Two Component Polyurethane Coating, Liquid Applied Polyurethane Rubber U-64	4.05	
07 18 13 00-0026	SF	Two Component Polyurethane Coating U-66	4.55	
07 18 13 00-0027	SF	Two Component Polyurethane Coating U-8730	4.24	
07 18 13 00-0028	SF	Two Component Polyurethane Coating U-8782	4.18	
07 18 13 00-0029	SF	Two Component Polyurethane Aliphatic Coating UA-60	5.18	
07 18 13 00-0030	SF	Two Component Polyurethane Aliphatic Coating UA-7090	6.43	
07 18 13 00-0031	SF	Two Component Polyurethane Base Coating UB-64	3.99	
07 18 13 00-0032	SF	Two Component Polyurethane Base Coating UB-8380	3.93	
07 18 13 00-0033	SF	Etching Detergent D-09	2.18	
07 18 13 00-0034	LB	GacoShell Granules Additive To Coating	2.38	
07 18 13 00-0035	LB	Quartz Granules Additive To Coating	2.14	
07 18 13 00-0036	LF	4" Polyester Reinforcing Tape, 66-B	0.23	
07 18 13 00-0037	LF	6" Polyester Reinforcing Tape, 66-B	0.28	
07 18 13 00-0038	LF	4" Sontara Polyester Reinforcing Tape, 66-S	0.36	
07 18 13 00-0039	LF	6" Sontara Polyester Reinforcing Tape, 66-S	0.49	
07 18 13 00-0040	LF	2" Metal Roof Seam Sealing Tape, 66-MR	1.02	
07 18 13 00-0041	LF	3" Metal Roof Seam Sealing Tape, 66-MR	1.58	
07 18 13 00-0042	LF	4" Metal Roof Seam Sealing Tape, 66-MR	1.96	
07 18 13 00-0043	LF	6" Metal Roof Seam Sealing Tape, 66-MR	2.80	
07 18 13 00-0044	GAL	Polyurethane Coating Thinner T-5106	56.34	
07 18 13 00-0045	GAL	Compliant Thinner T-5110	117.38	
07 18 13 00-0046	GAL	Regular Thinner T-5112	32.87	
07 18 13 00-0047	GAL	Polyurethane Coating Thinner T-5116	42.26	
07 18 13 00-0048	GAL	Polyurethane Troweling Thinner T-5118	51.65	
07 18 13 00-0049	GAL	Compliant Thinner T-5125	56.34	
07 18 13 00-0050	GAL	Fast Polyurethane Coating Thinner T-5130	42.26	
07 18 13 00-0051	GAL	Silicone And U-62 Polyurethane Coating Thinner T-5135	42.26	

07 18 16 Vehicular Traffic Coatings *(07 18)*

07 18 16 00-0001 Preparation For Vehicular Traffic Coating *(07 18 16)*

See CSI section 03 01 30 71-0077 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.15	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.74	

07 18 16 00-0004 Vehicular Traffic Bearing Waterproofing System System (UPI) *(07 18 16)*

Note: Excludes deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0077 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0005	SF	Vehicular Traffic Bearing Waterproofing System Complete (UPI UREADEK 6700-VT) Note: Includes primer (UI-71 18), 32 mil base coat (UI-7013), 16 mil intermediate coat (UI-7016 AR), 16 mil top coat (UI-7016 AL), and non-slip texture finish. Excludes crack repair or caulking.	11.14	
		For second coat 16 mil intermediate coat (UI-7016 AR), Add	*2.09*	

07 18 16 00-0006 Vehicular Traffic Coating (Sika) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0077 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0007	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720) Note: Excludes crack repair or caulking.	4.04	
07 18 16 00-0008	SF	12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.49	
07 18 16 00-0009	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.64	
07 18 16 00-0010	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.81	
07 18 16 00-0011	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.95	
07 18 16 00-0012	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	2.84	
07 18 16 00-0013	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.08	
07 18 16 00-0014	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.33	

07 18 16 00-0015 Vehicular Traffic Bearing Waterproofing System System (Dex-O-Tex Auto-Dex V) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0077 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0016	SF	Vehicular Traffic Bearing Waterproofing System (Dex-O-Tex Auto-Dex V) Note: A. Troweled waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be Dex-O-Tex Auto-Dex V as manufactured by Crossfield Products Corp., in Rancho Dominguez, California and Roselle Park, New Jersey. B. The trowel applied waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be composed of a co-polymer bondcoat, neoprene waterproof membrane, and cementitious co-polymer traffic topping surfacing. 1.) All resin binders and all rubber emulsions shall be compounded with neoprene or polyacrylate co-polymer liquids and shall have a minimum polymer, neoprene, solids content of 35% when tested by the dry cup method. 2.) Aggregate for traffic surface coating shall be suitably graded, fine trap-rock passing a #20 mesh sieve and retained on a #40 mesh sieve. 3.) Fabric used as reinforcement for waterproof membrane shall be 7-1/2 oz. Woven polypropylene fabric.	14.97	

07 18 16 00-0017 Traffic Coating Repair (Sika) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0077 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0018	SF	5 +/- 1 mils (Dry Film Thickness per Coat), Two Component, High Solids, Liquid Applied Primer (Sika Sikalastic® Recoat Primer)	0.96	
07 18 16 00-0019	SF	Low-modulus, Low-viscosity, Epoxy Resin Primer (Sikadur® 21)	0.66	
07 18 16 00-0020	SF	Up To 1/2" Thick, Low-modulus, Low-viscosity, Epoxy Resin Mortar Binder (Sikadur® 21)	1.49	
07 18 16 00-0021	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Primer (Sikadur® 22)	0.87	
07 18 16 00-0022	SF	50 Mils, Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Binder (Sikadur® 22)	1.60	
07 18 16 00-0023	SF	Broadcast Sand Coating	0.27	
07 18 16 00-0024	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Top Coat (Sikadur® 22)	0.91	
07 18 16 00-0025	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Traffic Overlay (Sikadur® 22)	4.15	

07 18 21 Traffic-Bearing Roof Deck Surfacing *(07 18)*

07 18 21 00-0001 Decking Coating System (Polycoat POLY-I-GARD® 575FC) *(07 18 21)*

Note: Excludes surface preparaion, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.

07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.36	
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	3.90	
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.64	
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	3.24	

07 18 21 00-0006 Weatherwear Roof Deck Coating System (Dex-O-Tex) *(07 18 21)*

07 18 21 00-0007	SF	Dex-O-Tex Weatherwear Promenade Roof Deck System Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	38.69	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	18.02	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	45.46	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	3.45	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.96	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	3.53	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	3.87	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.79	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.16	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.39	
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	2.02	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.55	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.25	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.97	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	7.11	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.41	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.85	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.92	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.20	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.48	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.59	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.70	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.82	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.92	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	8.04	0.44
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.13	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For 40 PSI Compressive Strength, Add	*0.56*	
		For 60 PSI Compressive Strength, Add	*0.89*	
		For 115 PSI Compressive Strength, Add	*3.84*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.51	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For 40 PSI Compressive Strength, Add	*0.70*	
		For 60 PSI Compressive Strength, Add	*1.11*	
		For 115 PSI Compressive Strength, Add	*4.82*	
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.82	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.82*	
		For 60 PSI Compressive Strength, Add	*1.29*	
		For 115 PSI Compressive Strength, Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.88	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.84*	
		For 60 PSI Compressive Strength, Add	*1.32*	
		For 115 PSI Compressive Strength, Add	*5.75*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.39	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.59*	
		For 40 PSI Compressive Strength, Add	*1.41*	
		For 60 PSI Compressive Strength, Add	*2.19*	
		For 115 PSI Compressive Strength, Add	*9.60*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	5.91	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For 40 PSI Compressive Strength, Add	*1.98*	
		For 60 PSI Compressive Strength, Add	*3.06*	
		For 115 PSI Compressive Strength, Add	*13.46*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	6.68	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.95*	
		For 40 PSI Compressive Strength, Add	*2.26*	
		For 60 PSI Compressive Strength, Add	*3.49*	
		For 115 PSI Compressive Strength, Add	*15.39*	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation *(07 21 13 13)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.22	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	6.04	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	7.19	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	9.59	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

07 21 13 13-0031 Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.82	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.89	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.17	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.45	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.67	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.88	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	6.17	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	7.49	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*9.19*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	8.83	0.44
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 21 13 13-0041		Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
		Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.10	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For 40 PSI Compressive Strength, Add	*0.50*	
		For 60 PSI Compressive Strength, Add	*0.80*	
		For 115 PSI Compressive Strength, Add	*3.45*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.48	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For 40 PSI Compressive Strength, Add	*0.64*	
		For 60 PSI Compressive Strength, Add	*1.02*	
		For 115 PSI Compressive Strength, Add	*4.42*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.79	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.20*	
		For 115 PSI Compressive Strength, Add	*5.22*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.85	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For 40 PSI Compressive Strength, Add	*0.78*	
		For 60 PSI Compressive Strength, Add	*1.23*	
		For 115 PSI Compressive Strength, Add	*5.35*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.47	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.16*	
		For 115 PSI Compressive Strength, Add	*9.46*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.09	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.84*	
		For 40 PSI Compressive Strength, Add	*2.00*	
		For 60 PSI Compressive Strength, Add	*3.09*	
		For 115 PSI Compressive Strength, Add	*13.58*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	7.03	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.99*	
		For 40 PSI Compressive Strength, Add	*2.34*	
		For 60 PSI Compressive Strength, Add	*3.62*	
		For 115 PSI Compressive Strength, Add	*15.94*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.67	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.96	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	5.24	0.70
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.91	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.82	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.20	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.32	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	9.44	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0012		**Mechanically Fastened Fibrous Board Insulation** *(07 21 13 16)* Note: Mechanically fastened to wood or steel.		
07 21 13 16-0013		**Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation** *(07 21 13 16-0012)* Note: Mechanically fastened to wood or steel.		
07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.51	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.90	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	5.28	0.70
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 21 13 16-0017		**Mechanically Fastened, Fiberglass, Fibrous Board Insulation** *(07 21 13 16-0012)* Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.88	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.89	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.27	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.50	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	9.62	0.42
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0001)

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.02	0.44
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.41	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.80	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.52	0.55
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.23	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.65	0.70
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0009)
Note: Mechanically fastened to wood or steel.

07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.85	0.44
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.25	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.64	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.46	0.55
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	4.17	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	5.69	0.70
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.56	0.46
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.69	0.46
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.73	0.46
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.35	0.46
		For >1,600, Deduct	*-0.33*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.97	0.46
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.76	0.59
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	3.13	0.59
		For >1,600, Deduct	*-0.43*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.47	0.46
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.63	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	2.07	0.46
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	2.25	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	2.34	0.46
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.58	0.59
		For >1,600, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	3.02	0.59
		For >1,600, Deduct	*-0.41*	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.80	0.46
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.02	0.46
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.27	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.23	0.59
		For >1,600, Deduct	*-0.46*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.55	0.59
		For >1,600, Deduct	*-0.51*	

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.60	0.46
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.73	0.46
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.43	0.46
		For >1,600, Deduct	*-0.34*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.99	0.46
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.69	0.59
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	3.02	0.59
		For >1,600, Deduct	*-0.41*	

07 21 16 00-0031 Mineral Wool Flexible Insulation *(07 21 16)*

07 21 16 00-0032 Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.76	0.46
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	2.37	0.46
		For >1,600, Deduct	*-0.33*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	3.73	0.46
		For >1,600, Deduct	*-0.58*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	4.46	0.46
		For >1,600, Deduct	*-0.70*	

07 21 16 00-0037 Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.63	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	2.16	0.46
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	3.34	0.46
		For >1,600, Deduct	*-0.50*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	3.98	0.46
		For >1,600, Deduct	*-0.60*	

07 21 16 00-0042 Natural Cotton Insulation *(07 21 16)*

07 21 16 00-0043 UltraTouch™ Natural Cotton Insulation *(07 21 16 00-0042)*

Note: 85% recycled denim cotton.

07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.44	0.46
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.74	0.46
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	3.07	0.46
		For >1,600, Deduct	*-0.47*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	4.10	0.46
		For >1,600, Deduct	*-0.66*	

07 21 19 Foamed-In-Place Insulation *(07 21)*

07 21 19 00-0001 Polyurethane Foam Insulation, Sprayed On *(07 21 19)*

07 21 19 00-0002	EA	Minimum Charge For Foamed-In-Place, Spray Polyurethane Insulation Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,474.87	
07 21 19 00-0003	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.54	
		For Up To 250 SF, Add	*0.58*	
		For >250 To 500 SF, Add	*0.29*	
		For >500 To 1,000 SF, Add	*0.12*	
		For >5,000 To 10,000 SF, Deduct	*-0.18*	
		For >10,000 SF, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0004	SF	1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.08	
		For Up To 250 SF, Add	*0.75*	
		For >250 To 500 SF, Add	*0.38*	
		For >500 To 1,000 SF, Add	*0.16*	
		For >5,000 To 10,000 SF, Deduct	*-0.24*	
		For >10,000 SF, Deduct	*-0.59*	
07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.63	
		For Up To 250 SF, Add	*0.93*	
		For >250 To 500 SF, Add	*0.47*	
		For >500 To 1,000 SF, Add	*0.20*	
		For >5,000 To 10,000 SF, Deduct	*-0.30*	
		For >10,000 SF, Deduct	*-0.73*	
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.16	
		For Up To 250 SF, Add	*1.10*	
		For >250 To 500 SF, Add	*0.55*	
		For >500 To 1,000 SF, Add	*0.24*	
		For >5,000 To 10,000 SF, Deduct	*-0.35*	
		For >10,000 SF, Deduct	*-0.87*	
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.70	
		For Up To 250 SF, Add	*1.28*	
		For >250 To 500 SF, Add	*0.64*	
		For >500 To 1,000 SF, Add	*0.27*	
		For >5,000 To 10,000 SF, Deduct	*-0.41*	
		For >10,000 SF, Deduct	*-1.00*	
07 21 19 00-0008	SF	3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.25	
		For Up To 250 SF, Add	*1.46*	
		For >250 To 500 SF, Add	*0.73*	
		For >500 To 1,000 SF, Add	*0.31*	
		For >5,000 To 10,000 SF, Deduct	*-0.47*	
		For >10,000 SF, Deduct	*-1.14*	
07 21 19 00-0009	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.80	
		For Up To 250 SF, Add	*1.64*	
		For >250 To 500 SF, Add	*0.82*	
		For >500 To 1,000 SF, Add	*0.35*	
		For >5,000 To 10,000 SF, Deduct	*-0.53*	
		For >10,000 SF, Deduct	*-1.28*	
07 21 19 00-0010	SF	4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.34	
		For Up To 250 SF, Add	*1.81*	
		For >250 To 500 SF, Add	*0.90*	
		For >500 To 1,000 SF, Add	*0.39*	
		For >5,000 To 10,000 SF, Deduct	*-0.59*	
		For >10,000 SF, Deduct	*-1.42*	
07 21 19 00-0011	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.88	
		For Up To 250 SF, Add	*1.98*	
		For >250 To 500 SF, Add	*0.99*	
		For >500 To 1,000 SF, Add	*0.43*	
		For >5,000 To 10,000 SF, Deduct	*-0.64*	
		For >10,000 SF, Deduct	*-1.55*	
07 21 19 00-0012	SF	5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.43	
		For Up To 250 SF, Add	*2.16*	
		For >250 To 500 SF, Add	*1.08*	
		For >500 To 1,000 SF, Add	*0.47*	
		For >5,000 To 10,000 SF, Deduct	*-0.70*	
		For >10,000 SF, Deduct	*-1.69*	
07 21 19 00-0013	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.97	
		For Up To 250 SF, Add	*2.34*	
		For >250 To 500 SF, Add	*1.17*	
		For >500 To 1,000 SF, Add	*0.51*	
		For >5,000 To 10,000 SF, Deduct	*-0.76*	
		For >10,000 SF, Deduct	*-1.83*	
07 21 19 00-0014	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.96	
		For Up To 250 SF, Add	*1.10*	
		For >250 To 500 SF, Add	*0.55*	
		For >500 To 1,000 SF, Add	*0.23*	
		For >5,000 To 10,000 SF, Deduct	*-0.35*	
		For >10,000 SF, Deduct	*-0.86*	
07 21 19 00-0015	SF	1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.93	
		For Up To 250 SF, Add	*1.39*	
		For >250 To 500 SF, Add	*0.70*	
		For >500 To 1,000 SF, Add	*0.30*	
		For >5,000 To 10,000 SF, Deduct	*-0.45*	
		For >10,000 SF, Deduct	*-1.09*	
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.80	
		For Up To 250 SF, Add	*1.64*	
		For >250 To 500 SF, Add	*0.82*	
		For >500 To 1,000 SF, Add	*0.35*	
		For >5,000 To 10,000 SF, Deduct	*-0.53*	
		For >10,000 SF, Deduct	*-1.28*	
07 21 19 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.77	
		For Up To 250 SF, Add	*1.93*	
		For >250 To 500 SF, Add	*0.96*	
		For >500 To 1,000 SF, Add	*0.42*	
		For >5,000 To 10,000 SF, Deduct	*-0.63*	
		For >10,000 SF, Deduct	*-1.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.63	
		For Up To 250 SF, Add	*2.17*	
		For >250 To 500 SF, Add	*1.08*	
		For >500 To 1,000 SF, Add	*0.47*	
		For >5,000 To 10,000 SF, Deduct	*-0.71*	
		For >10,000 SF, Deduct	*-1.69*	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.61	
		For Up To 250 SF, Add	*2.46*	
		For >250 To 500 SF, Add	*1.23*	
		For >500 To 1,000 SF, Add	*0.54*	
		For >5,000 To 10,000 SF, Deduct	*-0.81*	
		For >10,000 SF, Deduct	*-1.93*	
07 21 19 00-0020	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.47	
		For Up To 250 SF, Add	*2.71*	
		For >250 To 500 SF, Add	*1.35*	
		For >500 To 1,000 SF, Add	*0.59*	
		For >5,000 To 10,000 SF, Deduct	*-0.89*	
		For >10,000 SF, Deduct	*-2.11*	
07 21 19 00-0021	SF	4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.45	
		For Up To 250 SF, Add	*3.00*	
		For >250 To 500 SF, Add	*1.50*	
		For >500 To 1,000 SF, Add	*0.66*	
		For >5,000 To 10,000 SF, Deduct	*-0.99*	
		For >10,000 SF, Deduct	*-2.35*	
07 21 19 00-0022	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.31	
		For Up To 250 SF, Add	*3.24*	
		For >250 To 500 SF, Add	*1.62*	
		For >500 To 1,000 SF, Add	*0.71*	
		For >5,000 To 10,000 SF, Deduct	*-1.07*	
		For >10,000 SF, Deduct	*-2.53*	
07 21 19 00-0023	SF	5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.28	
		For Up To 250 SF, Add	*3.53*	
		For >250 To 500 SF, Add	*1.77*	
		For >500 To 1,000 SF, Add	*0.78*	
		For >5,000 To 10,000 SF, Deduct	*-1.17*	
		For >10,000 SF, Deduct	*-2.76*	
07 21 19 00-0024	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	12.16	
		For Up To 250 SF, Add	*3.78*	
		For >250 To 500 SF, Add	*1.89*	
		For >500 To 1,000 SF, Add	*0.83*	
		For >5,000 To 10,000 SF, Deduct	*-1.25*	
		For >10,000 SF, Deduct	*-2.95*	

07 21 19 00-0025 Expanding Foam Insulation To Fill Hollow Metal Door Frames *(07 21 19)*

07 21 19 00-0026	LF	Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.83	
07 21 19 00-0027	LF	Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	6.03	
07 21 19 00-0028	LF	Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	7.24	
07 21 19 00-0029	LF	Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	8.50	
07 21 19 00-0030	LF	Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	9.85	

07 21 19 00-0031 Expanding Foam Insulation To Fill Window Frames *(07 21 19)*

07 21 19 00-0032	LF	Expanding Foam Insulation To Fill Window Frame	4.72	

07 21 23 Loose-Fill Insulation *(07 21)*

07 21 23 00-0001 Poured Type, Loose Fill Insulation *(07 21 23)*

07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	7.08	2.69
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	7.49	2.69

07 21 23 00-0004 Concrete Block Wall Cavity Insulation *(07 21 23)*

07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	10.09	2.69
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	9.99	2.69

07 21 26 Blown Insulation *(07 21)*

07 21 26 00-0001 Fiberglass Blown-In Insulation *(07 21 26)*

07 21 26 00-0002 Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.57	1.24
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.75	1.36
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.94	1.48
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	2.17	1.60
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.32	1.67
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.51	1.73
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.71	1.79
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.84	1.85
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	3.05	1.97
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	3.23	2.04
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	3.48	2.10
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.78	2.22
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	4.39	2.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0016		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.37	1.24
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	3.17	1.48
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.77	1.60
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	4.51	1.73
07 21 26 00-0021		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	2.24	1.24
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	3.04	1.48
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.64	1.60
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	4.39	1.73
07 21 26 00-0026		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0027		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.64	1.24
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.97	1.36
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	2.20	1.48
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.56	1.60
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.62	1.60
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	3.06	1.73
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	3.15	1.73
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	3.44	1.85
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.67	1.85
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.96	1.97
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	4.18	1.97
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	2.22	1.24
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.95	1.48
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	3.47	1.60
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	4.12	1.73
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	2.09	1.24
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.82	1.48
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	3.34	1.60
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.99	1.73
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
		Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.74	0.79
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	2.00	0.79
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	3.94	0.79
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.19	
07 21 53 00-0003		Reflective Radiant Foil Backed Paper *(07 21 53)*		
07 21 53 00-0004	CSF	Reflective Radiant Foil Backed Kraft Paper With Tape	74.03	24.36
		For >15' To 20' Installed Height, Add	*4.86*	
		For >20' To 25' Installed Height, Add	*7.29*	
		For >25' To 30' Installed Height, Add	*12.16*	

07 22 Roof and Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation *(07 22 16)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.74	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.17	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.61	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.40	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	5.19	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.99	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.48	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.65	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.65	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.91	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.22	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.97	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.45	
07 22 16 00-0019		Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.63	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.82	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	6.24	
07 22 16 00-0023		Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.62	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.77	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	10.09	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	13.20	
07 22 16 00-0028		Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.28	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.35	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.64	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.92	
		For Loose-Laid, Deduct	*-1.26*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.04	
		For Loose-Laid, Deduct	*-1.27*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.16	
		For Loose-Laid, Deduct	*-1.28*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.29	
		For Loose-Laid, Deduct	*-1.30*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.41	
		For Loose-Laid, Deduct	*-1.31*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.53	
		For Loose-Laid, Deduct	*-1.32*	
07 22 16 00-0038		Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.46	
		For Loose-Laid, Deduct	*-1.35*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.82*	
		For 60 PSI Compressive Strength, Add	*1.32*	
		For 115 PSI Compressive Strength, Add	*5.68*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.52	
		For Loose-Laid, Deduct	*-1.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.84*	
		For 60 PSI Compressive Strength, Add	*1.35*	
		For 115 PSI Compressive Strength, Add	*5.81*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.45	
		For Loose-Laid, Deduct	*-1.36*	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For 40 PSI Compressive Strength, Add	*1.19*	
		For 60 PSI Compressive Strength, Add	*1.89*	
		For 100 PSI Compressive Strength, Add	*2.42*	
		For 115 PSI Compressive Strength, Add	*8.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	5.05	
		For Loose-Laid, Deduct	*-1.37*	
		For 25 PSI Compressive Strength, Add	*0.59*	
		For 40 PSI Compressive Strength, Add	*1.41*	
		For 60 PSI Compressive Strength, Add	*2.22*	
		For 115 PSI Compressive Strength, Add	*9.67*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.09	
		For Loose-Laid, Deduct	*-1.37*	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For 40 PSI Compressive Strength, Add	*1.81*	
		For 60 PSI Compressive Strength, Add	*2.82*	
		For 100 PSI Compressive Strength, Add	*3.63*	
		For 115 PSI Compressive Strength, Add	*12.34*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.59	
		For Loose-Laid, Deduct	*-1.39*	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For 40 PSI Compressive Strength, Add	*1.98*	
		For 60 PSI Compressive Strength, Add	*3.09*	
		For 115 PSI Compressive Strength, Add	*13.53*	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	7.37	
		For Loose-Laid, Deduct	*-1.41*	
		For 25 PSI Compressive Strength, Add	*0.95*	
		For 40 PSI Compressive Strength, Add	*2.26*	
		For 60 PSI Compressive Strength, Add	*3.53*	
		For 115 PSI Compressive Strength, Add	*15.46*	

07 22 16 00-0046 Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.12	
		For Loose-Laid, Deduct	*-1.35*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.23	
		For Loose-Laid, Deduct	*-1.36*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.42	
		For Loose-Laid, Deduct	*-1.37*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.88	
		For Loose-Laid, Deduct	*-1.37*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.36	
		For Loose-Laid, Deduct	*-1.38*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.84	
		For Loose-Laid, Deduct	*-1.39*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.34	
		For Loose-Laid, Deduct	*-1.40*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.80	
		For Loose-Laid, Deduct	*-1.41*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.44*	

07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	3.61	

07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.35	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.54	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.67	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.74	

07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.28	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.57	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.64	

07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.76	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.05	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.44	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.68	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.25	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.49	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.88	
07 22 16 00-0074		**Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation** *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.81	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.32	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.93	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.32	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.82	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.36	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	9.35	
07 22 16 00-0082		**Hot-Mopped Rigid Board Roofing Insulation** *(07 22 16 00-0001)*		
07 22 16 00-0083		**Hot-Mopped, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.49	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.93	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.38	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.19	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	5.00	
07 22 16 00-0089		**Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.75	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	3.24	
07 22 16 00-0092		**Hot-Mopped, Perlite, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.40	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.65	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.96	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.71	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	4.18	
07 22 16 00-0098		**Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.36	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.55	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	5.98	
07 22 16 00-0102		**Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.35	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.51	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.82	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.94	
07 22 16 00-0107		**Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.00	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.07	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.24	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.62	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.75	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.89	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.01	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.14	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0117		Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.20	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.67*	
		For 60 PSI Compressive Strength, Add	*1.10*	
		For 115 PSI Compressive Strength, Add	*4.69*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.26	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.69*	
		For 60 PSI Compressive Strength, Add	*1.13*	
		For 115 PSI Compressive Strength, Add	*4.82*	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.18	
		For 25 PSI Compressive Strength, Add	*0.44*	
		For 40 PSI Compressive Strength, Add	*1.04*	
		For 60 PSI Compressive Strength, Add	*1.66*	
		For 100 PSI Compressive Strength, Add	*2.13*	
		For 115 PSI Compressive Strength, Add	*7.19*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.93	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.26*	
		For 60 PSI Compressive Strength, Add	*2.00*	
		For 115 PSI Compressive Strength, Add	*8.67*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	19.04	
		For 25 PSI Compressive Strength, Add	*0.70*	
		For 40 PSI Compressive Strength, Add	*1.66*	
		For 60 PSI Compressive Strength, Add	*3.26*	
		For 100 PSI Compressive Strength, Add	*4.00*	
		For 115 PSI Compressive Strength, Add	*12.67*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	6.32	
		For 25 PSI Compressive Strength, Add	*0.77*	
		For 40 PSI Compressive Strength, Add	*1.83*	
		For 60 PSI Compressive Strength, Add	*2.87*	
		For 115 PSI Compressive Strength, Add	*12.51*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	7.10	
		For 25 PSI Compressive Strength, Add	*0.89*	
		For 40 PSI Compressive Strength, Add	*2.11*	
		For 60 PSI Compressive Strength, Add	*3.30*	
		For 115 PSI Compressive Strength, Add	*14.44*	
07 22 16 00-0125		Hot-Mopped, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0082)*		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.85	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.97	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.15	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.62	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.22*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.10	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.57	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.95	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.36*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	5.53	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0134		Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.10	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.29	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.42	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.49	
07 22 16 00-0139		Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.03	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.33	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.39	
07 22 16 00-0143		Mechanically Fastened Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
		Note: Mechanically fastened to wood or steel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 16 00-0144 Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.57	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.01	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.06*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.45	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	4.34	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	5.13	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

07 22 16 00-0150 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.82	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	3.32	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.90*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0153 Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	2.49	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.75	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	3.06	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.91	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	4.38	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.47	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.76	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	6.28	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0163		Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	6.56	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0165		SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.71	
			For Mechanically Fastened To Concrete, Add	*1.88*	
			For Mechanically Fastened To Gypsum, Add	*2.32*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0166		SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	10.13	
			For Mechanically Fastened To Concrete, Add	*1.93*	
			For Mechanically Fastened To Gypsum, Add	*2.41*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.15*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.50*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0167		SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	13.41	
			For Mechanically Fastened To Concrete, Add	*1.99*	
			For Mechanically Fastened To Gypsum, Add	*2.34*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.73*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.37*	

07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169		SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.12	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0170		SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.19	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0171		SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.48	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0172		SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.76	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.73*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.92*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0173		SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.98	
			For Mechanically Fastened To Concrete, Add	*1.88*	
			For Mechanically Fastened To Gypsum, Add	*2.32*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0174		SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.20	
			For Mechanically Fastened To Concrete, Add	*1.93*	
			For Mechanically Fastened To Gypsum, Add	*2.41*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.07*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.42*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.50	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.83	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.92*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.45	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.11*	

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.30	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.23*	
		For 115 PSI Compressive Strength, Add	*5.27*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.36	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For 40 PSI Compressive Strength, Add	*0.78*	
		For 60 PSI Compressive Strength, Add	*1.25*	
		For 115 PSI Compressive Strength, Add	*5.40*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.39	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For 40 PSI Compressive Strength, Add	*1.17*	
		For 60 PSI Compressive Strength, Add	*1.85*	
		For 100 PSI Compressive Strength, Add	*2.38*	
		For 115 PSI Compressive Strength, Add	*8.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.99	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.18*	
		For 115 PSI Compressive Strength, Add	*9.51*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0183		SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.13	
			For 25 PSI Compressive Strength, Add	*0.77*	
			For 40 PSI Compressive Strength, Add	*1.82*	
			For 60 PSI Compressive Strength, Add	*2.85*	
			For 100 PSI Compressive Strength, Add	*3.66*	
			For 115 PSI Compressive Strength, Add	*12.44*	
			For Mechanically Fastened To Concrete, Add	*1.93*	
			For Mechanically Fastened To Gypsum, Add	*2.35*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.13*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.48*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0184		SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.63	
			For 25 PSI Compressive Strength, Add	*0.84*	
			For 40 PSI Compressive Strength, Add	*2.00*	
			For 60 PSI Compressive Strength, Add	*3.11*	
			For 115 PSI Compressive Strength, Add	*13.63*	
			For Mechanically Fastened To Concrete, Add	*1.93*	
			For Mechanically Fastened To Gypsum, Add	*2.41*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.15*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.50*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0185		SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	7.58	
			For 25 PSI Compressive Strength, Add	*0.99*	
			For 40 PSI Compressive Strength, Add	*2.34*	
			For 60 PSI Compressive Strength, Add	*3.65*	
			For 115 PSI Compressive Strength, Add	*16.00*	
			For Mechanically Fastened To Concrete, Add	*1.99*	
			For Mechanically Fastened To Gypsum, Add	*2.42*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187		SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.95	
			For Foil Facer, Add	*0.36*	
			For 25 PSI Compressive Strength, Add	*0.17*	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0188		SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.07	
			For Foil Facer, Add	*0.36*	
			For 25 PSI Compressive Strength, Add	*0.18*	
			For Mechanically Fastened To Concrete, Add	*1.83*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.79*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0189		SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.35	
			For Foil Facer, Add	*0.36*	
			For 25 PSI Compressive Strength, Add	*0.20*	
			For Mechanically Fastened To Concrete, Add	*1.88*	
			For Mechanically Fastened To Gypsum, Add	*2.39*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0190		SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.82	
			For Foil Facer, Add	*0.36*	
			For 25 PSI Compressive Strength, Add	*0.25*	
			For Mechanically Fastened To Concrete, Add	*1.88*	
			For Mechanically Fastened To Gypsum, Add	*2.32*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.40	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.88	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.55	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.37*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	6.01	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	3.45	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.18	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.38	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.51	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.58	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.12	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.41	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.48	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.70	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.98	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.48	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.72	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.46	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.58*	
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.70	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	8.30	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.02*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.85	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.68*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.36	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.14	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.93*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.57*	
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.53	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.24	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.96*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.78	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.97*	
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	9.99	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.53*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.43*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.63	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.67	
		For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.34	
		For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.00	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.66	
		For 25 PSI Compressive Strength, Add	*0.62*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.74	
		For 25 PSI Compressive Strength, Add	*0.67*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.40	
		For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.07	
		For 25 PSI Compressive Strength, Add	*0.81*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.73	
		For 25 PSI Compressive Strength, Add	*0.87*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.78	
		For 25 PSI Compressive Strength, Add	*0.92*	

07 22 16 00-0236 Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.30	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.00	
		For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.33	
		For 25 PSI Compressive Strength, Add	*0.59*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.07	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.40	
		For 25 PSI Compressive Strength, Add	*0.84*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	16.11	
		For 25 PSI Compressive Strength, Add	*0.95*	
07 22 16 00-0243		Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.67	
		For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.73	
		For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0246	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	16.78	
		For 25 PSI Compressive Strength, Add	*1.02*	
07 22 16 00-0247	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	20.83	
		For 25 PSI Compressive Strength, Add	*1.27*	
07 22 16 00-0248		Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0249		Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.88	
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.97	
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.47	
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.96	
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.46	
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.57	
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.07	
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.57	
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.06	
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.16	
07 22 16 00-0260		Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.64	
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.22	
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.21	
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.82	
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.82	
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.41	
07 22 16 00-0267		Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.72	
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.32	
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.90	
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	18.99	
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0273			**Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)** *(07 22 16 00-0272)*		
07 22 16 00-0274		SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.48	
07 22 16 00-0275		SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.53	
07 22 16 00-0276		SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.16	
07 22 16 00-0277		SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.79	
07 22 16 00-0278		SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.42	
07 22 16 00-0279		SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.50	
07 22 16 00-0280		SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.14	
07 22 16 00-0281		SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.77	
07 22 16 00-0282		SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.40	
07 22 16 00-0283		SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.46	
07 22 16 00-0284			**Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)** *(07 22 16 00-0272)*		
07 22 16 00-0285		SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.17	
07 22 16 00-0286		SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.85	
07 22 16 00-0287		SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.11	
07 22 16 00-0288		SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.82	
07 22 16 00-0289		SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.08	
07 22 16 00-0290		SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.77	
07 22 16 00-0291			**Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)** *(07 22 16 00-0272)*		
07 22 16 00-0292		SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.48	
			For Mechanically Fastened To Concrete, Add	*1.93*	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
07 22 16 00-0293		SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.45	
07 22 16 00-0294		SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	16.40	
07 22 16 00-0295		SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	20.36	
07 22 16 00-0296			**Cold Adhesive Applied, Tapered Perlite Board** *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0297			**Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0298		SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.99	
07 22 16 00-0299		SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.33	
07 22 16 00-0300		SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.73	
07 22 16 00-0301		SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.20	
07 22 16 00-0302		SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.59	
07 22 16 00-0303		SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.94	
07 22 16 00-0304		SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.34	
07 22 16 00-0305		SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.80	
07 22 16 00-0306		SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.20	
07 22 16 00-0307		SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	18.55	
07 22 16 00-0308			**Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0309		SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.30	
07 22 16 00-0310		SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.03	
07 22 16 00-0311		SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.89	
07 22 16 00-0312		SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.64	
07 22 16 00-0313		SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.50	
07 22 16 00-0314		SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	19.24	
07 22 16 00-0315			**Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0316		SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.42	
07 22 16 00-0317		SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.03	
07 22 16 00-0318		SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	20.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	25.23	

07 22 16 00-0320 Hot-Mopped Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0321 Hot-Mopped, Tapered Polyisocyanurate Board *(07 22 16 00-0320)*

07 22 16 00-0322 Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.23	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.28	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.94	
		For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0326	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.26	
		For 25 PSI Compressive Strength, Add	*0.48*	
07 22 16 00-0327	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.27	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0328	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.15	
		For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0329	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.81	
		For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0330	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.48	
		For 25 PSI Compressive Strength, Add	*0.70*	
07 22 16 00-0331	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.14	
		For 25 PSI Compressive Strength, Add	*0.76*	
07 22 16 00-0332	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	14.99	
		For 25 PSI Compressive Strength, Add	*0.78*	

07 22 16 00-0333 Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0334	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.09	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0335	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.61	
		For 25 PSI Compressive Strength, Add	*0.38*	
07 22 16 00-0336	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.94	
		For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0337	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.48	
		For 25 PSI Compressive Strength, Add	*0.60*	
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.81	
		For 25 PSI Compressive Strength, Add	*0.73*	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.33	
		For 25 PSI Compressive Strength, Add	*0.81*	

07 22 16 00-0340 Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*

07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.28	
		For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.14	
		For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.99	
		For 25 PSI Compressive Strength, Add	*0.88*	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	19.86	
		For 25 PSI Compressive Strength, Add	*1.09*	

07 22 16 00-0345 Hot-Mopped, Tapered Perlite Board *(07 22 16 00-0320)*

07 22 16 00-0346 Hot-Mopped, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0345)*

07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.12
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.94
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.34
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.14
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.53
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	13.35
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.75
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.55
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	15.94
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	17.76

07 22 16 00-0357 Hot-Mopped, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0345)*

07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.42
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.64
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	10.83
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	14.05
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	15.24
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	18.46

07 22 16 00-0364 Hot-Mopped, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0345)*

07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	11.03
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	15.44
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	84.82

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped		24.26	

07 22 16 00-0369 Mechanically Fastened Tapered Roofing Insulation *(07 22 16 00-0222)*

Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.

07 22 16 00-0370 Mechanically Fastened, Tapered Polyisocyanurate Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0371 Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*

07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		5.57	
		For 25 PSI Compressive Strength, Add		*0.36*	
		For Mechanically Fastened To Concrete, Add		*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.41*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		7.05	
		For 25 PSI Compressive Strength, Add		*0.36*	
		For Mechanically Fastened To Concrete, Add		*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.66*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		7.71	
		For 25 PSI Compressive Strength, Add		*0.42*	
		For Mechanically Fastened To Concrete, Add		*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.76*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		8.55	
		For 25 PSI Compressive Strength, Add		*0.51*	
		For Mechanically Fastened To Concrete, Add		*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.91*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		9.21	
		For 25 PSI Compressive Strength, Add		*0.57*	
		For Mechanically Fastened To Concrete, Add		*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.03*	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		10.82	
		For 25 PSI Compressive Strength, Add		*0.58*	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.29*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		11.49	
		For 25 PSI Compressive Strength, Add		*0.65*	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.37	
		For 25 PSI Compressive Strength, Add	*0.74*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	13.04	
		For 25 PSI Compressive Strength, Add	*0.80*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	14.84	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.24	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.38	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.88	
		For 25 PSI Compressive Strength, Add	*0.54*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.15	
		For 25 PSI Compressive Strength, Add	*0.61*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.70	
		For 25 PSI Compressive Strength, Add	*0.77*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.17	
		For 25 PSI Compressive Strength, Add	*0.86*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*

07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.04	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.39	
		For 25 PSI Compressive Strength, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.83	
		For 25 PSI Compressive Strength, Add	*0.93*	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	20.11	
		For 25 PSI Compressive Strength, Add	*1.20*	
		For Mechanically Fastened To Concrete, Add	*1.85*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.76*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.82	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.34	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.84	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.51	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.01	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.66	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.15	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.87	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.37	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.21	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0406		Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*		
07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.57	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.59	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.76	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.90	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.12	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.46	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0413		Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*		
07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.09	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.40	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.96	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	18.27	
		For Mechanically Fastened To Concrete, Add	*1.85*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.76*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.42	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.91	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.92	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.34	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.97	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.59	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.22	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.07	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.70	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.51	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.10	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.22	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.65	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.90	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.39	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.83	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.85	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.54	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	15.46	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	19.36	
		For Mechanically Fastened To Concrete, Add	*1.85*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.76*	

07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.26	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.71	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.10	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.07	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.47	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.02	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.42	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.44	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	15.84	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	17.60	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	6.57	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	9.40	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.66*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	10.77	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.91*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	13.72	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	15.14	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.85*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.70*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	18.30	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	10.80	
		For Mechanically Fastened To Concrete, Add	*1.93*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.76*	
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	15.12	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.77*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.29*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	19.69	
		For Mechanically Fastened To Concrete, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.31*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.47*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.81*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	24.51	
		For Mechanically Fastened To Concrete, Add	*1.85*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.24*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.23*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.76*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.35*	

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.72
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.74
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.76
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.78
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.80
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.82
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.84
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.86
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.88
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.90
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.92
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.94
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.96

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		4.23
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.72*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.54*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		4.80
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.75*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.56*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		5.37
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.93*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.71*	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		5.94
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.02*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.84*	
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		6.50
		For Up To 100, Add	*0.90*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.02*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.84*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		7.62
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.25*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*3.03*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	5.50	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	6.11	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	7.75	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	8.25	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.69	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	3.14	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	5.58	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	7.52	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.52	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.62	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.33	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.97	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.34	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.97	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	4.72	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	5.38	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	11.04	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.34*	

07 24 13 00-0029 Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.36	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.39	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	

07 24 13 00-0032 Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.89	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.35	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	

07 24 13 00-0035 Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.92	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	

07 24 13 00-0037 Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.29
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.63
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.03
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.86
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.63
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.03
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.42
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	6.34

07 24 13 00-0046 Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	7.17	
		For Up To 100, Add	*3.59*	
		For >100 To 500, Add	*1.79*	
		For >5,000, Deduct	*-0.72*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	31.85
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	29.52
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	36.99
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	47.96
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	27.12
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	91.14
07 26 13 00-0007	CLF	4" Wide Self-Adhering Butyl Sealing Tape	139.07
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	201.06
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	279.66
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	78.79

07 27 Air Barriers *(07 25)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 Lb./SF	13.35	3.46
		For Up To 50, Add	*4.71*	
		For >50 To 200, Add	*2.69*	
		For >200 To 500, Add	*1.01*	
		For >2,500, Deduct	*-0.67*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 Lb./SF	14.44	3.46
		For Up To 50, Add	*5.15*	
		For >50 To 200, Add	*2.93*	
		For >200 To 500, Add	*1.09*	
		For >2,500, Deduct	*-0.72*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	5.15	2.31
		For Up To 50, Add	*2.45*	
		For >50 To 200, Add	*1.36*	
		For >200 To 500, Add	*0.47*	
		For >2,500, Deduct	*-0.26*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.47	3.46
		For Up To 50, Add	*4.40*	
		For >50 To 200, Add	*2.44*	
		For >200 To 500, Add	*0.85*	
		For >2,500, Deduct	*-0.47*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.44	2.31
		For Up To 50, Add	*2.65*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.53*	
		For >2,500, Deduct	*-0.32*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 Lb./SF	10.36	2.31
		For Up To 50, Add	*3.09*	
		For >50 To 200, Add	*1.81*	
		For >200 To 500, Add	*0.71*	
		For >2,500, Deduct	*-0.52*	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets *(07 27 23)*

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.20
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.37
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.43
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	5.47

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	346.10	235.87
		For >35 To 75, Deduct	*-13.16*	
		For >75 To 100, Deduct	*-21.15*	
		For >100 To 200, Deduct	*-31.78*	
		For >200, Deduct	*-47.77*	
		For Steep Roof, Over 7 To 12, Add	*68.64*	
07 31 13 13-0003	SQ	220 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	362.97	247.71
		For >35 To 75, Deduct	*-13.78*	
		For >75 To 100, Deduct	*-22.16*	
		For >100 To 200, Deduct	*-33.31*	
		For >200, Deduct	*-50.08*	
		For Steep Roof, Over 7 To 12, Add	*72.06*	
07 31 13 13-0004	SQ	230 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	418.04	260.06
		For >35 To 75, Deduct	*-18.15*	
		For >75 To 100, Deduct	*-27.70*	
		For >100 To 200, Deduct	*-40.87*	
		For >200, Deduct	*-59.96*	
		For Steep Roof, Over 7 To 12, Add	*75.68*	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ	245 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	432.16	301.10
		For >35 To 75, Deduct	*-15.85*	
		For >75 To 100, Deduct	*-25.86*	
		For >100 To 200, Deduct	*-39.04*	
		For >200, Deduct	*-59.06*	
		For Steep Roof, Over 7 To 12, Add	*87.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0007	SQ	240 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	455.05	286.69
		For >35 To 75, Deduct	*-19.44*	
		For >75 To 100, Deduct	*-29.84*	
		For >100 To 200, Deduct	*-44.13*	
		For >200, Deduct	*-64.94*	
		For Steep Roof, Over 7 To 12, Add	*83.42*	
07 31 13 13-0008	SQ	265 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	493.37	316.15
		For >35 To 75, Deduct	*-20.59*	
		For >75 To 100, Deduct	*-31.90*	
		For >100 To 200, Deduct	*-47.32*	
		For >200, Deduct	*-69.93*	
		For Steep Roof, Over 7 To 12, Add	*91.99*	
07 31 13 13-0009	SQ	235 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	473.97	273.05
		For >35 To 75, Deduct	*-22.58*	
		For >75 To 100, Deduct	*-33.30*	
		For >100 To 200, Deduct	*-48.53*	
		For >200, Deduct	*-69.97*	
		For Steep Roof, Over 7 To 12, Add	*79.43*	
07 31 13 13-0010	SQ	300 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	534.40	331.98
		For >35 To 75, Deduct	*-23.27*	
		For >75 To 100, Deduct	*-35.46*	
		For >100 To 200, Deduct	*-52.31*	
		For >200, Deduct	*-76.71*	
		For Steep Roof, Over 7 To 12, Add	*96.56*	
07 31 13 13-0011	SQ	300 Lb./SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	568.50	331.98
		For >35 To 75, Deduct	*-26.68*	
		For >75 To 100, Deduct	*-39.55*	
		For >100 To 200, Deduct	*-57.77*	
		For >200, Deduct	*-83.53*	
		For Steep Roof, Over 7 To 12, Add	*96.56*	
07 31 13 13-0012	SQ	355 Lb./SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	621.12	365.96
		For >35 To 75, Deduct	*-28.84*	
		For >75 To 100, Deduct	*-42.92*	
		For >100 To 200, Deduct	*-62.78*	
		For >200, Deduct	*-90.95*	
		For Steep Roof, Over 7 To 12, Add	*106.48*	
07 31 13 13-0013	SQ	340 Lb./SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	614.88	348.59
		For >35 To 75, Deduct	*-29.81*	
		For >75 To 100, Deduct	*-43.69*	
		For >100 To 200, Deduct	*-63.53*	
		For >200, Deduct	*-91.30*	
		For Steep Roof, Over 7 To 12, Add	*101.38*	
07 31 13 13-0014	SQ	300 Lb./SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	610.43	331.98
		For >35 To 75, Deduct	*-30.87*	
		For >75 To 100, Deduct	*-44.59*	
		For >100 To 200, Deduct	*-64.48*	
		For >200, Deduct	*-91.91*	
		For Steep Roof, Over 7 To 12, Add	*96.56*	
07 31 13 13-0015	SQ	355 Lb./SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	712.93	365.96
		For >35 To 75, Deduct	*-38.02*	
		For >75 To 100, Deduct	*-53.94*	
		For >100 To 200, Deduct	*-77.47*	
		For >200, Deduct	*-109.31*	
		For Steep Roof, Over 7 To 12, Add	*106.48*	
07 31 13 13-0016	SQ	355 Lb./SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	736.84	365.96
		For >35 To 75, Deduct	*-40.41*	
		For >75 To 100, Deduct	*-56.81*	
		For >100 To 200, Deduct	*-81.29*	
		For >200, Deduct	*-114.09*	
		For Steep Roof, Over 7 To 12, Add	*106.48*	
07 31 13 13-0017	SQ	480 Lb./SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	818.36	403.53
		For >35 To 75, Deduct	*-45.15*	
		For >75 To 100, Deduct	*-63.35*	
		For >100 To 200, Deduct	*-90.58*	
		For >200, Deduct	*-126.99*	
		For Steep Roof, Over 7 To 12, Add	*117.40*	
07 31 13 13-0018	SQ	425 Lb./SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	804.99	384.23
		For >35 To 75, Deduct	*-45.56*	
		For >75 To 100, Deduct	*-63.41*	
		For >100 To 200, Deduct	*-90.37*	
		For >200, Deduct	*-126.06*	
		For Steep Roof, Over 7 To 12, Add	*111.79*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	9.47	1.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	4.89	3.51
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	5.88	3.90
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	109.37	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	788.37	226.99
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,034.20	248.08
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.79	3.27
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	14.33	3.27
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	9.71	3.27
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.80	3.27

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	605.44	198.76
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-8.31*	
		For >75 To 100, Deduct	*-24.49*	
		For >100 To 200, Deduct	*-42.74*	
		For >200, Deduct	*-58.92*	
		For Steep Roof, Over 7 To 12, Add	*127.22*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	584.93	197.16
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-7.63*	
		For >75 To 100, Deduct	*-23.21*	
		For >100 To 200, Deduct	*-40.69*	
		For >200, Deduct	*-56.27*	
		For Steep Roof, Over 7 To 12, Add	*126.14*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	908.48	198.76
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-20.44*	
		For >75 To 100, Deduct	*-45.70*	
		For >100 To 200, Deduct	*-76.08*	
		For >200, Deduct	*-101.35*	
		For Steep Roof, Over 7 To 12, Add	*127.22*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	842.11	197.16
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-17.92*	
		For >75 To 100, Deduct	*-41.21*	
		For >100 To 200, Deduct	*-68.98*	
		For >200, Deduct	*-92.27*	
		For Steep Roof, Over 7 To 12, Add	*126.14*	
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	9.58	2.65
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.18*	
		For >75 To 100, Deduct	*-0.44*	
		For >100 To 200, Deduct	*-0.74*	
		For >200, Deduct	*-1.00*	
		For Steep Roof, Over 7 To 12, Add	*1.66*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 Lb. felt and fasteners.

07 31 26 00-0001 Shingles Including 30 Lb. Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,255.86	339.08
		For >50 To 75, Deduct	*-20.10*	
		For >75 To 100, Deduct	*-54.00*	
		For >100 To 200, Deduct	*-92.94*	
		For >200, Deduct	*-126.85*	
		For Graduated Shapes, Add	*75.36*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,389.81	339.08
		For >50 To 75, Deduct	*-25.45*	
		For >75 To 100, Deduct	*-63.38*	
		For >100 To 200, Deduct	*-107.67*	
		For >200, Deduct	*-145.60*	
		For Graduated Shapes, Add	*95.45*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,349.62	339.08
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.57*	
		For >100 To 200, Deduct	*-103.25*	
		For >200, Deduct	*-139.97*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,363.02	339.08
		For >50 To 75, Deduct	*-24.38*	
		For >75 To 100, Deduct	*-61.51*	
		For >100 To 200, Deduct	*-104.72*	
		For >200, Deduct	*-141.85*	
		For Graduated Shapes, Add	*91.43*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,416.59	339.08
		For >50 To 75, Deduct	*-26.53*	
		For >75 To 100, Deduct	*-65.26*	
		For >100 To 200, Deduct	*-110.62*	
		For >200, Deduct	*-149.35*	
		For Graduated Shapes, Add	*99.47*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,349.62	339.08
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.57*	
		For >100 To 200, Deduct	*-103.25*	
		For >200, Deduct	*-139.97*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,309.44	339.08
		For >50 To 75, Deduct	*-22.24*	
		For >75 To 100, Deduct	*-57.76*	
		For >100 To 200, Deduct	*-98.83*	
		For >200, Deduct	*-134.35*	
		For Graduated Shapes, Add	*83.40*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,146.39	339.08
		For >50 To 75, Deduct	*-55.72*	
		For >75 To 100, Deduct	*-116.34*	
		For >100 To 200, Deduct	*-190.90*	
		For >200, Deduct	*-251.52*	
		For Graduated Shapes, Add	*208.94*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,349.62	339.08
		For >50 To 75, Deduct	*-23.85*	
		For >75 To 100, Deduct	*-60.57*	
		For >100 To 200, Deduct	*-103.25*	
		For >200, Deduct	*-139.97*	
		For Graduated Shapes, Add	*89.42*	
		For Steep Roof, Over 7 To 12, Add	*241.11*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	955.64	230.82
		For Steep Roof, Over 7 To 12, Add	*147.72*	
		For Pressure-Impregnated Treated (Preservative), Add	*74.10*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	692.04	173.11
		For Steep Roof, Over 7 To 12, Add	*110.79*	
		For Pressure-Impregnated Treated (Preservative), Add	*51.87*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	849.33	196.19
		For Steep Roof, Over 7 To 12, Add	*125.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*68.54*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	695.56	161.57
		For Steep Roof, Over 7 To 12, Add	*103.40*	
		For Pressure-Impregnated Treated (Preservative), Add	*55.86*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	928.34	152.92
		For Steep Roof, Over 7 To 12, Add	*97.87*	
		For Pressure-Impregnated Treated (Preservative), Add	*93.38*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	717.21	129.83
		For Steep Roof, Over 7 To 12, Add	*83.09*	
		For Pressure-Impregnated Treated (Preservative), Add	*68.63*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	662.48	207.73
		For Pressure-Impregnated Treated (Preservative), Add	*37.05*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	649.22	196.19
		For Pressure-Impregnated Treated (Preservative), Add	*38.53*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	667.27	170.23
		For Pressure-Impregnated Treated (Preservative), Add	*49.02*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	883.73	242.36
		For Steep Roof, Over 7 To 12, Add	*155.11*	
		For Pressure-Impregnated Treated (Preservative), Add	*59.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	787.69	219.28
		For Steep Roof, Over 7 To 12, Add	*140.34*	
		For Pressure-Impregnated Treated (Preservative), Add	*52.37*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	842.16	219.28
		For Steep Roof, Over 7 To 12, Add	*140.34*	
		For Pressure-Impregnated Treated (Preservative), Add	*60.54*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	751.42	196.19
		For Steep Roof, Over 7 To 12, Add	*125.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*53.86*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	740.14	152.92
		For Steep Roof, Over 7 To 12, Add	*97.87*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.15*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	603.71	132.72
		For Steep Roof, Over 7 To 12, Add	*84.94*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.74*	
07 31 29 13-0021		#2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*		
07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	638.06	219.28
		For Pressure-Impregnated Treated (Preservative), Add	*29.93*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	617.27	207.73
		For Pressure-Impregnated Treated (Preservative), Add	*30.27*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	597.32	184.65
		For Pressure-Impregnated Treated (Preservative), Add	*34.20*	
07 31 29 16		**Wood Shakes** *(07 31 29)*		
07 31 29 16-0001		#1 Grade, Red Cedar Shakes *(07 31 29 16)*		
07 31 29 16-0002		#1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*		
07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	694.29	187.54
		For Steep Roof, Over 7 To 12, Add	*120.02*	
		For Pressure-Impregnated Treated (Preservative), Add	*47.88*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	800.69	187.54
		For Steep Roof, Over 7 To 12, Add	*120.02*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.84*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	744.75	152.92
		For Steep Roof, Over 7 To 12, Add	*97.87*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.84*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	789.97	152.92
		For Steep Roof, Over 7 To 12, Add	*97.87*	
		For Pressure-Impregnated Treated (Preservative), Add	*72.62*	
07 31 29 16-0007		#1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*		
07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	723.14	201.97
		For Pressure-Impregnated Treated (Preservative), Add	*47.88*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	829.54	201.97
		For Pressure-Impregnated Treated (Preservative), Add	*63.84*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	785.14	173.11
		For Pressure-Impregnated Treated (Preservative), Add	*65.84*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	830.36	173.11
		For Pressure-Impregnated Treated (Preservative), Add	*72.62*	
07 31 29 19		**Wood Shingles And Shakes Cap** *(07 31 29)*		
07 31 29 19-0001		Accessories *(07 31 29 19)*		
07 31 29 19-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	11.91	1.50
		For Steep Roof, Over 7 To 12, Add	*1.12*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.26*	
07 31 33		**Composite Rubber Shingles** *(07 31)*		
07 31 33 00-0001		Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*		
		Note: As manufactured by EcoStar.		
07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	1,479.84	304.18
		Note: Gray or black.		
		For Purple Or Green Color, Add	*139.45*	
		For Brown Or Red Color, Add	*357.33*	
		For Steep Roof, Over 7 To 12, Add	*194.66*	
		For >50 To 75, Deduct	*-21.79*	
		For >75 To 100, Deduct	*-58.78*	
		For >100 To 200, Deduct	*-95.78*	
		For >200, Deduct	*-147.98*	
		For 6.5" Exposure, Add	*102.81*	
		For 6.0" Exposure, Add	*205.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	2,060.87	304.18
		Note: Fire resistant. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*217.89*	
		For Steep Roof, Over 7 To 12, Add	*194.66*	
		For >50 To 75, Deduct	*-36.31*	
		For >75 To 100, Deduct	*-87.84*	
		For >100 To 200, Deduct	*-139.36*	
		For >200, Deduct	*-206.09*	
		For 6.5" Exposure, Add	*144.31*	
		For 6.0" Exposure, Add	*288.61*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,719.09	304.18
		Note: Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*399.88*	
		For Steep Roof, Over 7 To 12, Add	*194.66*	
		For >50 To 75, Deduct	*-27.77*	
		For >75 To 100, Deduct	*-70.75*	
		For >100 To 200, Deduct	*-113.72*	
		For >200, Deduct	*-171.91*	
		For 6.5" Exposure, Add	*119.90*	
		For 6.0" Exposure, Add	*239.79*	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	2,180.50	304.18
		Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	*172.94*	
		For Steep Roof, Over 7 To 12, Add	*194.66*	
		For >50 To 75, Deduct	*-39.31*	
		For >75 To 100, Deduct	*-93.82*	
		For >100 To 200, Deduct	*-148.33*	
		For >200, Deduct	*-218.05*	
		For 6.5" Exposure, Add	*152.86*	
		For 6.0" Exposure, Add	*305.70*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle	17.05	2.04
		Note: Beveled or pointed edges, gray or black.		

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,438.79	321.57
		For >25 To 50, Deduct	*-47.73*	
		For >50 To 75, Deduct	*-95.64*	
		For >75 To 100, Deduct	*-135.58*	
		For >100 To 200, Deduct	*-167.58*	
		For >200, Deduct	*-191.61*	
		For 20 Year Warranty, Add	*55.69*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,692.78	321.57
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-121.04*	
		For >75 To 100, Deduct	*-168.60*	
		For >100 To 200, Deduct	*-205.67*	
		For >200, Deduct	*-232.25*	
		For 20 Year Warranty, Add	*73.47*	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,692.78	321.57
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-121.04*	
		For >75 To 100, Deduct	*-168.60*	
		For >100 To 200, Deduct	*-205.67*	
		For >200, Deduct	*-232.25*	
		For 20 Year Warranty, Add	*73.47*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,908.28	321.57
		For >25 To 50, Deduct	*-75.90*	
		For >50 To 75, Deduct	*-142.59*	
		For >75 To 100, Deduct	*-196.62*	
		For >100 To 200, Deduct	*-238.00*	
		For >200, Deduct	*-266.73*	
		For 20 Year Warranty, Add	*88.55*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,718.46	393.18
		For >25 To 50, Deduct	*-55.93*	
		For >50 To 75, Deduct	*-112.87*	
		For >75 To 100, Deduct	*-160.49*	
		For >100 To 200, Deduct	*-198.79*	
		For >200, Deduct	*-227.77*	
		For 20 Year Warranty, Add	*65.25*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	2,097.57	393.18
		For >25 To 50, Deduct	*-78.67*	
		For >50 To 75, Deduct	*-150.78*	
		For >75 To 100, Deduct	*-209.78*	
		For >100 To 200, Deduct	*-255.66*	
		For >200, Deduct	*-288.43*	
		For 20 Year Warranty, Add	*91.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,687.32	530.44
		For >25 To 50, Deduct	*-97.61*	
		For >50 To 75, Deduct	*-189.19*	
		For >75 To 100, Deduct	*-264.51*	
		For >100 To 200, Deduct	*-323.56*	
		For >200, Deduct	*-366.34*	
		For 20 Year Warranty, Add	*113.88*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,528.79	393.18
		For >25 To 50, Deduct	*-44.55*	
		For >50 To 75, Deduct	*-93.90*	
		For >75 To 100, Deduct	*-135.84*	
		For >100 To 200, Deduct	*-170.34*	
		For >200, Deduct	*-197.43*	
		For 20 Year Warranty, Add	*51.97*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,835.89	393.18
		For >25 To 50, Deduct	*-62.97*	
		For >50 To 75, Deduct	*-124.61*	
		For >75 To 100, Deduct	*-175.76*	
		For >100 To 200, Deduct	*-216.41*	
		For >200, Deduct	*-246.56*	
		For 20 Year Warranty, Add	*73.47*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,292.06	294.39
		For >25 To 50, Deduct	*-42.19*	
		For >50 To 75, Deduct	*-85.04*	
		For >75 To 100, Deduct	*-120.86*	
		For >100 To 200, Deduct	*-149.65*	
		For >200, Deduct	*-171.40*	
		For 20 Year Warranty, Add	*49.22*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,623.01	294.39
		For >25 To 50, Deduct	*-62.05*	
		For >50 To 75, Deduct	*-118.14*	
		For >75 To 100, Deduct	*-163.88*	
		For >100 To 200, Deduct	*-199.29*	
		For >200, Deduct	*-224.35*	
		For 20 Year Warranty, Add	*72.39*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,907.78	294.39
		For >25 To 50, Deduct	*-79.14*	
		For >50 To 75, Deduct	*-146.61*	
		For >75 To 100, Deduct	*-200.90*	
		For >100 To 200, Deduct	*-242.00*	
		For >200, Deduct	*-269.91*	
		For 20 Year Warranty, Add	*92.33*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,357.30	461.48
		For >25 To 50, Deduct	*-86.06*	
		For >50 To 75, Deduct	*-166.51*	
		For >75 To 100, Deduct	*-232.61*	
		For >100 To 200, Deduct	*-284.38*	
		For >200, Deduct	*-321.79*	
		For 20 Year Warranty, Add	*100.41*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	1,107.84	321.57
		For >25 To 50, Deduct	*-27.88*	
		For >50 To 75, Deduct	*-62.54*	
		For >75 To 100, Deduct	*-92.56*	
		For >100 To 200, Deduct	*-117.93*	
		For >200, Deduct	*-138.66*	
		For 20 Year Warranty, Add	*32.52*	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,491.45	461.48
		For >25 To 50, Deduct	*-34.11*	
		For >50 To 75, Deduct	*-79.93*	
		For >75 To 100, Deduct	*-120.05*	
		For >100 To 200, Deduct	*-154.50*	
		For >200, Deduct	*-183.26*	
		For 20 Year Warranty, Add	*39.80*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 Lb. felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Earthtone Colors, Corrugated	1,274.46	487.46
		For >50 To 75, Deduct	*-11.98*	
		For >75 To 100, Deduct	*-45.33*	
		For >100 To 200, Deduct	*-81.69*	
		For >200, Deduct	*-115.05*	
		For Steep Roof, Over 7 To 12, Add	*312.02*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Blues, Corrugated	1,569.78	487.46
		For >50 To 75, Deduct	*-23.79*	
		For >75 To 100, Deduct	*-66.01*	
		For >100 To 200, Deduct	*-114.17*	
		For >200, Deduct	*-156.39*	
		For Steep Roof, Over 7 To 12, Add	*312.02*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Greens Corrugated	1,333.52	487.46
		For >50 To 75, Deduct	*-14.34*	
		For >75 To 100, Deduct	*-49.47*	
		For >100 To 200, Deduct	*-88.18*	
		For >200, Deduct	*-123.31*	
		For Steep Roof, Over 7 To 12, Add	*312.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Colors, Shakes	1,245.65	436.14
		For >50 To 75, Deduct	*-14.93*	
		For >75 To 100, Deduct	*-47.94*	
		For >100 To 200, Deduct	*-84.68*	
		For >200, Deduct	*-117.68*	
		For Steep Roof, Over 7 To 12, Add	*279.17*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 Lb. Each For Concrete Tile Roof	4.99	
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 Lb. Each For Concrete Tile Roof	3.28	
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 Lb. Each For Concrete Tile Roof	4.95	
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 Lb. Each For Concrete Tile Roof	5.68	
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 Lb. Each For Concrete Tile Roof	5.91	

07 32 16 00-0012 ConcreteTiles Accessories (Boral) *(07 32 16)*

07 32 16 00-0013	EA	Saxony Galvanized Clip For Concrete Roof Tile	0.23	
07 32 16 00-0014	EA	1" x 3" x 8" Elevated Battens For Concrete Roof Tile	4.68	

07 32 16 00-0015 Concrete Roof Tiles (Boral) *(07 32 16)*

07 32 16 00-0016	SQ	13" x 17" Concrete Roof Tile, 85/SQ, 930 Lb./SQ, Saxony® 900 Slate, California Mission Blend Color	1,160.00	487.46
		For >50 To 75, Deduct	*-7.40*	
		For >75 To 100, Deduct	*-37.32*	
		For >100 To 200, Deduct	*-69.10*	
		For >200, Deduct	*-99.02*	
		For Steep Roof, Over 7 To 12, Add	*312.02*	

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	44.63	9.80
		For Steep Roof, Over 7 To 12, Add	*6.28*	
		For >50 To 75, Deduct	*-1.00*	
		For >75 To 100, Deduct	*-2.24*	
		For >100 To 200, Deduct	*-3.73*	
		For >200, Deduct	*-5.46*	
07 34 00 00-0003	SQ	30 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	68.78	13.48
		For Steep Roof, Over 7 To 12, Add	*8.63*	
		For >50 To 75, Deduct	*-1.67*	
		For >75 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-5.95*	
		For >200, Deduct	*-8.55*	
07 34 00 00-0004	SQ	30 Lb., Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	76.66	13.48
		For Steep Roof, Over 7 To 12, Add	*8.63*	
		For >50 To 75, Deduct	*-1.99*	
		For >75 To 100, Deduct	*-4.15*	
		For >100 To 200, Deduct	*-6.82*	
		For >200, Deduct	*-9.65*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	85.51	20.42
		For Steep Roof, Over 7 To 12, Add	*13.07*	
		For >50 To 75, Deduct	*-1.79*	
		For >75 To 100, Deduct	*-4.15*	
		For >100 To 200, Deduct	*-6.96*	
		For >200, Deduct	*-10.34*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	94.83	20.42
		For Steep Roof, Over 7 To 12, Add	*13.07*	
		For >50 To 75, Deduct	*-2.16*	
		For >75 To 100, Deduct	*-4.80*	
		For >100 To 200, Deduct	*-7.98*	
		For >200, Deduct	*-11.64*	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	110.20	20.42
		For Steep Roof, Over 7 To 12, Add	*13.07*	
		For >50 To 75, Deduct	*-2.77*	
		For >75 To 100, Deduct	*-5.88*	
		For >100 To 200, Deduct	*-9.67*	
		For >200, Deduct	*-13.79*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	102.52	20.42
		For Steep Roof, Over 7 To 12, Add	*13.07*	
		For >50 To 75, Deduct	*-2.47*	
		For >75 To 100, Deduct	*-5.34*	
		For >100 To 200, Deduct	*-8.83*	
		For >200, Deduct	*-12.72*	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	177.07	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-5.10*	
		For >75 To 100, Deduct	*-10.17*	
		For >100 To 200, Deduct	*-16.51*	
		For >200, Deduct	*-22.81*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	266.16	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-8.67*	
		For >75 To 100, Deduct	*-16.40*	
		For >100 To 200, Deduct	*-26.31*	
		For >200, Deduct	*-35.28*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	188.09	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-5.54*	
		For >75 To 100, Deduct	*-10.94*	
		For >100 To 200, Deduct	*-17.72*	
		For >200, Deduct	*-24.35*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	177.07	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-5.10*	
		For >75 To 100, Deduct	*-10.17*	
		For >100 To 200, Deduct	*-16.51*	
		For >200, Deduct	*-22.81*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	253.31	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-8.15*	
		For >75 To 100, Deduct	*-15.50*	
		For >100 To 200, Deduct	*-24.89*	
		For >200, Deduct	*-33.48*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	213.05	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-6.54*	
		For >75 To 100, Deduct	*-12.69*	
		For >100 To 200, Deduct	*-20.46*	
		For >200, Deduct	*-27.85*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	316.79	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-10.69*	
		For >75 To 100, Deduct	*-19.95*	
		For >100 To 200, Deduct	*-31.88*	
		For >200, Deduct	*-42.37*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	362.23	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-12.51*	
		For >75 To 100, Deduct	*-23.13*	
		For >100 To 200, Deduct	*-36.87*	
		For >200, Deduct	*-48.73*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	532.71	24.78
		For Steep Roof, Over 7 To 12, Add	*15.85*	
		For >50 To 75, Deduct	*-19.33*	
		For >75 To 100, Deduct	*-35.06*	
		For >100 To 200, Deduct	*-55.63*	
		For >200, Deduct	*-72.60*	

07 40 Roofing and Siding Panels *(07)*

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*
Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.45	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.98	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.66	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.33	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.06	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0009	SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.83	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.74	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	28.59	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.60*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing	17.89	2.04
		For Steep Roof, Over 7 To 12, Add	*2.69*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.95*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	34.88	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.23*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	29.17	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.66*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	7.52	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	7.96	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	9.01	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	10.42	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	11.82	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	13.58	3.00
		For Fluoropolymer (Kynar®) Coating, Add	*1.61*	
		For Steep Roof, Over 7 To 12, Add	*1.54*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	32.45	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.99*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing	20.11	2.16
		For Steep Roof, Over 7 To 12, Add	*2.69*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.17*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	40.31	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.77*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	33.17	3.11
		For Steep Roof, Over 7 To 12, Add	*4.03*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.06*	

07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.65	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.86*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Up To 1,500, Add	*3.41*	
		For >1,500 To 5,000, Add	*2.05*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.34	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.89*	
		For 140 MPH Wind Load, Add	*0.80*	
		For Up To 1,500, Add	*3.59*	
		For >1,500 To 5,000, Add	*2.15*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.05	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.83*	
		For 140 MPH Wind Load, Add	*0.77*	
		For Up To 1,500, Add	*3.26*	
		For >1,500 To 5,000, Add	*1.96*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.29	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.84*	
		For 140 MPH Wind Load, Add	*0.77*	
		For Up To 1,500, Add	*3.32*	
		For >1,500 To 5,000, Add	*1.99*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.56	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.85*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Up To 1,500, Add	*3.39*	
		For >1,500 To 5,000, Add	*2.03*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.56	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For Panels <16" Wide, Add	*1.90*	
		For 140 MPH Wind Load, Add	*0.80*	
		For Up To 1,500, Add	*3.64*	
		For >1,500 To 5,000, Add	*2.18*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0038		Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)*		
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.19	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.61*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	18.84	2.16
		For Steep Roof, Over 6 To 12, Add	*2.52*	
		For 140 MPH Wind Load, Add	*1.05*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	37.11	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.75*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.82	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.62*	
07 41 13 00-0043		Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*		
		Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044		Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)*		
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	14.13	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Up To 1,500, Add	*3.53*	
		For Panels < 16" Wide, Add	*1.88*	
		For Up To 5000, Add	*0.79*	
		For > 5000 To 10000, Add	*0.35*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.72	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For 140 MPH Wind Load, Add	*0.80*	
		For Up To 1,500, Add	*3.68*	
		For Panels < 16" Wide, Add	*1.91*	
		For Up To 5000, Add	*0.80*	
		For > 5000 To 10000, Add	*0.37*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.80	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Up To 1,500, Add	*3.45*	
		For Panels < 16" Wide, Add	*1.87*	
		For Up To 5000, Add	*0.78*	
		For > 5000 To 10000, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.88	3.17
		For Steep Roof, Over 6 To 12, Add	*1.91*	
		For 140 MPH Wind Load, Add	*0.81*	
		For Up To 1,500, Add	*3.72*	
		For Panels < 16" Wide, Add	*1.92*	
		For Up To 5000, Add	*0.81*	
		For > 5000 To 10000, Add	*0.37*	

07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	34.43	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.70*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	21.28	2.16
		For Steep Roof, Over 6 To 12, Add	*2.52*	
		For 140 MPH Wind Load, Add	*1.10*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	43.08	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.87*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	35.22	3.11
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.71*	

07 41 13 00-0054 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0055 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	26.31	3.81
		For Steep Roof, Over 6 To 12, Add	*2.86*	
		For 140 MPH Wind Load, Add	*1.29*	
		For Up To 1,500, Add	*6.58*	
		For Up To 5000, Add	*2.63*	
		For > 5000 To 10000, Add	*0.66*	
		For Panels < 16" Wide, Add	*3.08*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	29.88	3.81
		For Steep Roof, Over 6 To 12, Add	*2.86*	
		For 140 MPH Wind Load, Add	*1.36*	
		For Up To 1,500, Add	*7.47*	
		For Up To 5000, Add	*2.99*	
		For > 5000 To 10000, Add	*0.75*	
		For Panels < 16" Wide, Add	*3.26*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	34.11	3.81
		For Steep Roof, Over 6 To 12, Add	*2.86*	
		For 140 MPH Wind Load, Add	*1.44*	
		For Up To 1,500, Add	*8.53*	
		For Up To 5000, Add	*3.41*	
		For > 5000 To 10000, Add	*0.85*	
		For Panels < 16" Wide, Add	*3.47*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	39.54	3.81
		For Steep Roof, Over 6 To 12, Add	*2.86*	
		For 140 MPH Wind Load, Add	*1.55*	
		For Up To 1,500, Add	*9.89*	
		For Up To 5000, Add	*3.95*	
		For > 5000 To 10000, Add	*0.99*	
		For Panels < 16" Wide, Add	*3.74*	

07 41 13 00-0060 Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	79.44	3.48
		For Steep Roof, Over 6 To 12, Add	*4.17*	
		For 140 MPH Wind Load, Add	*2.70*	
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	43.03	2.27
		For Steep Roof, Over 6 To 12, Add	*2.77*	
		For 140 MPH Wind Load, Add	*1.60*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	109.31	3.48
		For Steep Roof, Over 6 To 12, Add	*4.13*	
		For 140 MPH Wind Load, Add	*3.29*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	81.81	3.48
		For Steep Roof, Over 6 To 12, Add	*4.17*	
		For 140 MPH Wind Load, Add	*2.75*	

07 41 13 00-0065 Metal Roof Surfacing *(07 41 13)*

07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.84	
		For Steep Roof, Over 7 To 12, Add	*0.18*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	1.09	
		For Steep Roof, Over 7 To 12, Add	*0.18*	

07 41 16 Insulated Metal Roof Panels *(07 41)*

07 41 16 00-0001 Standing Seam Polyurethane Insulated Metal Roof Panels *(07 41 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 16 00-0002		Standing Seam Polyurethane Insulated Metal Roof Panel *(07 41 16 00-0001)* Note: Exterior face gauge shall be 24 gauge, galvanized steel; Interior liner shall be 24 gauge. Galvalume® AZ-55 coating designation with texture; Non-CFC polyurethane foam core.		
07 41 16 00-0003	SF	2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	27.44	4.59
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 16 00-0004	SF	2-1/2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	30.21	4.95
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 16 00-0005	SF	3" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	32.09	5.38
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 16 00-0006	SF	4" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	33.61	5.69
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 16 00-0007	SF	5" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	35.21	5.99
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 16 00-0008	SF	6" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels	36.54	6.30
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.42	2.73
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	7.02	2.46
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	7.64	2.73
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.20	2.46
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	4.69	2.05
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	6.34	2.05
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	6.81	2.05
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	5.53	2.05
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	8.29	2.19
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	9.56	2.19
07 42		**Wall Panels** *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	39.57	4.61
		For Non-Insulated Panels, Deduct	*-7.57*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	42.65	5.19
		For Non-Insulated Panels, Deduct	*-8.09*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	45.52	5.77
		For Non-Insulated Panels, Deduct	*-8.61*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	48.54	6.00
		For Non-Insulated Panels, Deduct	*-9.13*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	55.54	6.58
		For Non-Insulated Panels, Deduct	*-10.61*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	65.34	7.27
		For Non-Insulated Panels, Deduct	*-12.73*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	23.85	2.76
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	26.76	3.11
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	29.20	3.54
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	32.51	4.68
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001 Insulated Freezer And Chiller Panels *(07 42 63)*
Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel *(07 42 63 00-0001)*
Note: With 22 gauge galvanized sheet metal face excludes painting.

07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	23.22	1.89
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	24.61	1.89
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	29.34	1.89
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	31.77	2.01
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	33.77	2.01
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	20.83	1.56
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	22.69	1.56
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	27.40	1.67
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	26.55	1.67
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	31.28	1.67

07 42 63 00-0013 Polyurethane Sandwich Panel *(07 42 63 00-0001)*
Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	25.15	1.89
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	27.09	1.89
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	32.05	1.89
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	35.08	2.01
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	37.17	2.01
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	22.67	1.56
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	24.62	1.56
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	26.63	1.67
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	31.58	1.67
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	34.59	1.67

07 42 93 Soffit Panels *(07 42)*

07 42 93 00-0001 Aluminum Soffit And Fascia *(07 42 93)*
Note: Excludes J-channel.

07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.80	1.62
		For 0.015" Thick, Deduct	*-0.11*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.00	1.70
		For 0.015" Thick, Deduct	*-0.17*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.60	1.74
		For 0.015" Thick, Deduct	*-0.21*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.33	1.84
		For 0.015" Thick, Deduct	*-0.34*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.26	2.01
		For 0.015" Thick, Deduct	*-0.45*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.76	2.22
		For 0.015" Thick, Deduct	*-0.68*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	17.32	2.45
		For 0.015" Thick, Deduct	*-0.89*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	20.92	2.69
		For 0.015" Thick, Deduct	*-1.12*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	5.70	1.58
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	6.26	1.62
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	7.40	1.66
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	8.63	1.70

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*
Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	12.77	4.13
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	12.95	4.13
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	13.24	4.13

07 46 16 00-0005 Aluminum Siding Panels *(07 46 16)*

07 46 16 00-0006 Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	9.38	2.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	9.78	2.39
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	11.06	2.39
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	13.55	2.39
07 46 16 00-0011		V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	13.44	2.39
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	15.12	2.39
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	19.08	2.39
07 46 16 00-0015		Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	14.17	2.39
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	15.79	2.39
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	16.77	2.39
07 46 16 00-0019		Aluminum Siding Accessories *(07 46 16)*		
07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel	3.70	1.51
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel	3.70	1.51
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel	4.41	1.51
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel	4.09	1.51
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel	4.09	1.51
07 46 19		**Steel Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001		Steel Siding Panels *(07 46 19)*		
07 46 19 00-0002		Corrugated Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.71	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.73*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	10.83	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.51*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	10.61	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.45*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.00	2.39
		For Galvanized Instead Of Painted Steel, Add	*0.80*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.82	2.39
		For Galvanized Instead Of Painted Steel, Add	*0.76*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.70	2.39
		For Galvanized Instead Of Painted Steel, Add	*0.73*	
07 46 19 00-0009		Box Ribbed Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.04	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.56*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.64	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.46*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.38	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.40*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.93	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.29*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	8.99	2.39
		For Galvanized Instead Of Painted Steel, Add	*1.05*	
07 46 19 00-0015		Clapboard Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	9.53	1.20
07 46 23		**Wood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		Wood Lap Siding *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	4.31	1.67
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	4.82	1.79
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	5.36	1.90
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.59	1.67
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	5.07	1.67
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	6.11	1.67
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.52	1.67
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	5.94	1.67
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.64	1.79
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	4.64	1.79
07 46 23 00-0012		Tongue And Groove Siding *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	4.30	1.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.72	1.67
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	4.40	1.67
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	4.98	1.67

07 46 29 Plywood Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 29 00-0001 T-111 Siding *(07 46 29)*

07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	3.06	0.82
		For Pressure Treated, Add	*0.18*	

07 46 33 Plastic Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 33 00-0001 Vinyl Siding *(07 46 33)*

Note: Includes standard manufacturer's colors.

07 46 33 00-0002 Vinyl Siding Panels *(07 46 33 00-0001)*

Note: Excludes J-channels, starter strips and trim.

07 46 33 00-0003 Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*

Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.

07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.48	1.98
		For 0.040" Thick, Deduct	*-0.22*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.73*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.24	1.87
		For 0.040" Thick, Deduct	*-0.22*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.73*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.07	1.77
		For 0.040" Thick, Deduct	*-0.22*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.73*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.89	1.68
		For 0.040" Thick, Deduct	*-0.22*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.73*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.66	1.57
		For 0.040" Thick, Deduct	*-0.22*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.73*	
		For Manufacturer's Custom Colors, Add	*0.08*	

07 46 33 00-0009 Vertical Vinyl Siding Panels *(07 46 33 00-0002)*

07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	6.65	1.98
		For Manufacturer's Custom Colors, Add	*0.13*	

07 46 33 00-0011 Vinyl Siding Accessories *(07 46 33 00-0001)*

07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	6.89	1.51
		For Manufacturer's Custom Colors, Add	*0.19*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	12.78	1.51
		For Manufacturer's Custom Colors, Add	*0.49*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	5.41	1.51
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	6.65	1.51
		For Manufacturer's Custom Colors, Add	*0.18*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	3.97	1.51
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	3.69	1.51
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	3.63	1.51
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.81	1.51
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	4.55	1.51
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	4.98	1.51
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	5.54	1.51
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	3.79	1.51
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	8.74	2.09
		For Manufacturer's Custom Colors, Add	*0.23*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	9.15	2.09
		For Manufacturer's Custom Colors, Add	*0.25*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	10.07	2.09
		For Manufacturer's Custom Colors, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	5.17	1.51
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	6.47	1.51
		For Manufacturer's Custom Colors, Add	*0.17*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	5.53	1.51
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0030		Vinyl Soffit And Fascia *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.63	1.62
		For 0.038" Thick, Deduct	*-0.62*	
		For 0.040" Thick, Deduct	*-0.52*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.73	1.70
		For 0.038" Thick, Deduct	*-1.06*	
		For 0.040" Thick, Deduct	*-0.89*	
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.27	1.74
		For 0.038" Thick, Deduct	*-1.26*	
		For 0.040" Thick, Deduct	*-1.07*	
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.83	1.84
		For 0.038" Thick, Deduct	*-1.90*	
		For 0.040" Thick, Deduct	*-1.59*	
		For Manufacturer's Custom Colors, Add	*0.21*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.60	2.01
		For 0.038" Thick, Deduct	*-2.54*	
		For 0.040" Thick, Deduct	*-2.14*	
		For Manufacturer's Custom Colors, Add	*0.28*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	12.77	2.22
		For 0.038" Thick, Deduct	*-3.83*	
		For 0.040" Thick, Deduct	*-3.20*	
		For Manufacturer's Custom Colors, Add	*0.42*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	15.99	2.45
		For 0.038" Thick, Deduct	*-5.11*	
		For 0.040" Thick, Deduct	*-4.27*	
		For Manufacturer's Custom Colors, Add	*0.56*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	19.26	2.69
		For 0.038" Thick, Deduct	*-6.39*	
		For 0.040" Thick, Deduct	*-5.34*	
		For Manufacturer's Custom Colors, Add	*0.70*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	4.83	1.58
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	5.40	1.62
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	5.33	1.66
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	6.13	1.70
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	7.56	2.32
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	8.09	2.09
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	9.06	2.09
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	7.22	2.09
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	8.09	2.09
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.83	2.45
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.50	2.32
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.37	2.26
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.21	2.21
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.94	2.09
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.67	1.98
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.49	0.58
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	10.27	2.15
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	5.02	1.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	3.27	1.16
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	4.14	1.28
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.96	1.40
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	6.49	1.63
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.43	1.16
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.38	1.28
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	5.36	1.40
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.62	1.63
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.62	1.16
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.73	1.28
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.87	1.40
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	7.80	1.63
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	6.37	2.31
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	7.92	2.56
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	8.80	2.56
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	11.61	3.01
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit	7.46	1.66
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	8.00	1.66

07 46 63 Fabricated Panel Assemblies with Siding *(07 46)*

07 46 63 00-0001		Metal Liner Panels *(07 46 63)*		
07 46 63 00-0002		Galvanized Metal Liner Panels *(07 46 63 00-0001)*		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.73	2.00
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	11.81	2.00
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.71	2.00
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.91	2.00

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	130.59
		For Up To 10, Add	*34.70*
		For >10 To 20, Add	*19.49*
		For >20 To 40, Add	*10.82*
		For >75 To 100, Deduct	*-5.41*
		For >100 To 200, Deduct	*-11.89*
		For >200, Deduct	*-17.30*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	359.17
		For Up To 10, Add	*80.41*
		For >10 To 20, Add	*42.35*
		For >20 To 40, Add	*22.25*
		For >75 To 100, Deduct	*-11.12*
		For >100 To 200, Deduct	*-23.32*
		For >200, Deduct	*-34.44*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	8.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0009		Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*		
		Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010		Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*		
07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	96.39	
		For Up To 10, Add	*27.98*	
		For >10 To 20, Add	*16.16*	
		For >20 To 40, Add	*9.17*	
		For >75 To 100, Deduct	*-4.58*	
		For >100 To 200, Deduct	*-10.26*	
		For >200, Deduct	*-14.84*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	102.91	
		For Up To 10, Add	*29.28*	
		For >10 To 20, Add	*16.82*	
		For >20 To 40, Add	*9.50*	
		For >75 To 100, Deduct	*-4.75*	
		For >100 To 200, Deduct	*-10.58*	
		For >200, Deduct	*-15.33*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	110.32	
		For Up To 10, Add	*30.76*	
		For >10 To 20, Add	*17.56*	
		For >20 To 40, Add	*9.87*	
		For >75 To 100, Deduct	*-4.93*	
		For >100 To 200, Deduct	*-10.95*	
		For >200, Deduct	*-15.89*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	192.45	
		For Up To 10, Add	*47.19*	
		For >10 To 20, Add	*25.77*	
		For >20 To 40, Add	*13.97*	
		For >75 To 100, Deduct	*-6.99*	
		For >100 To 200, Deduct	*-15.06*	
		For >200, Deduct	*-22.05*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	324.98	
		For Up To 10, Add	*73.70*	
		For >10 To 20, Add	*39.02*	
		For >20 To 40, Add	*20.60*	
		For >75 To 100, Deduct	*-10.30*	
		For >100 To 200, Deduct	*-21.69*	
		For >200, Deduct	*-31.99*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	246.70	
		For Up To 10, Add	*58.87*	
		For >10 To 20, Add	*31.82*	
		For >20 To 40, Add	*17.10*	
		For >75 To 100, Deduct	*-8.55*	
		For >100 To 200, Deduct	*-18.29*	
		For >200, Deduct	*-26.84*	
07 51 13 00-0017		Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*		
07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	5.52	
07 51 13 00-0019		Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*		
		Note: Includes fasteners.		
07 51 13 00-0020		Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*		
07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	100.84	
		For Up To 10, Add	*24.45*	
		For >10 To 20, Add	*13.30*	
		For >20 To 40, Add	*7.18*	
		For >75 To 100, Deduct	*-3.59*	
		For >100 To 200, Deduct	*-7.72*	
		For >200, Deduct	*-11.31*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	190.38	
		For Up To 10, Add	*42.36*	
		For >10 To 20, Add	*22.25*	
		For >20 To 40, Add	*11.66*	
		For >75 To 100, Deduct	*-5.83*	
		For >100 To 200, Deduct	*-12.20*	
		For >200, Deduct	*-18.03*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	322.91	
		For Up To 10, Add	*68.87*	
		For >10 To 20, Add	*35.50*	
		For >20 To 40, Add	*18.29*	
		For >75 To 100, Deduct	*-9.14*	
		For >100 To 200, Deduct	*-18.82*	
		For >200, Deduct	*-27.97*	
07 51 13 00-0024		Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*		
07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	6.67	
07 51 13 00-0026		Asphalt Saturated Organic Felt *(07 51 13 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0027		**Cold Adhesive Applied, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	126.52	
		For Up To 10, Add	*33.88*	
		For >10 To 20, Add	*19.09*	
		For >20 To 40, Add	*10.62*	
		For >75 To 100, Deduct	*-5.31*	
		For >100 To 200, Deduct	*-11.69*	
		For >200, Deduct	*-16.99*	
07 51 13 00-0029	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	143.32	
		For Up To 10, Add	*37.24*	
		For >10 To 20, Add	*20.77*	
		For >20 To 40, Add	*11.46*	
		For >75 To 100, Deduct	*-5.73*	
		For >100 To 200, Deduct	*-12.53*	
		For >200, Deduct	*-18.25*	
07 51 13 00-0030		**Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	92.32	
		For Up To 10, Add	*27.16*	
		For >10 To 20, Add	*15.76*	
		For >20 To 40, Add	*8.97*	
		For >75 To 100, Deduct	*-4.48*	
		For >100 To 200, Deduct	*-10.05*	
		For >200, Deduct	*-14.54*	
07 51 13 00-0032	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	109.12	
		For Up To 10, Add	*30.52*	
		For >10 To 20, Add	*17.44*	
		For >20 To 40, Add	*9.81*	
		For >75 To 100, Deduct	*-4.90*	
		For >100 To 200, Deduct	*-10.89*	
		For >200, Deduct	*-15.80*	
07 51 13 00-0033		**Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)*		
		Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	46.44	
		For Up To 10, Add	*13.57*	
		For >10 To 20, Add	*7.86*	
		For >20 To 40, Add	*4.46*	
		For >75 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-5.00*	
		For >200, Deduct	*-7.23*	
07 51 13 00-0035	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	63.24	
		For Up To 10, Add	*16.93*	
		For >10 To 20, Add	*9.54*	
		For >20 To 40, Add	*5.30*	
		For >75 To 100, Deduct	*-2.65*	
		For >100 To 200, Deduct	*-5.84*	
		For >200, Deduct	*-8.49*	
07 51 13 00-0036		**Surfacing** *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	204.03	
		For Up To 10, Add	*62.25*	
		For >10 To 20, Add	*36.49*	
		For >20 To 40, Add	*20.92*	
		For >75 To 100, Deduct	*-10.46*	
		For >100 To 200, Deduct	*-23.60*	
		For >200, Deduct	*-34.07*	
07 51 13 00-0038	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	302.94	
		For Up To 10, Add	*82.03*	
		For >10 To 20, Add	*46.38*	
		For >20 To 40, Add	*25.87*	
		For >75 To 100, Deduct	*-12.93*	
		For >100 To 200, Deduct	*-28.55*	
		For >200, Deduct	*-41.48*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	207.36	
		Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	55.93	
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
		For Up To 10, Add	*14.02*	
		For >10 To 20, Add	*7.72*	
		For >20 To 40, Add	*4.21*	
		For >75 To 100, Deduct	*-2.11*	
		For >100 To 200, Deduct	*-4.57*	
		For >200, Deduct	*-6.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	147.35	
		Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
		For Up To 10, Add	*34.62*	
		For >10 To 20, Add	*18.60*	
		For >20 To 40, Add	*9.94*	
		For >75 To 100, Deduct	*-4.97*	
		For >100 To 200, Deduct	*-10.59*	
		For >200, Deduct	*-15.56*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat	131.00	
		Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
		For Up To 10, Add	*31.35*	
		For >10 To 20, Add	*16.96*	
		For >20 To 40, Add	*9.12*	
		For >75 To 100, Deduct	*-4.56*	
		For >100 To 200, Deduct	*-9.77*	
		For >200, Deduct	*-14.33*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	175.63	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For Up To 10, Add	*40.27*	
		For >10 To 20, Add	*21.42*	
		For >20 To 40, Add	*11.36*	
		For >75 To 100, Deduct	*-5.68*	
		For >100 To 200, Deduct	*-12.00*	
		For >200, Deduct	*-17.68*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat	177.09	
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*40.57*	
		For >10 To 20, Add	*21.57*	
		For >20 To 40, Add	*11.43*	
		For >75 To 100, Deduct	*-5.71*	
		For >100 To 200, Deduct	*-12.07*	
		For >200, Deduct	*-17.79*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*52.52*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat	183.10	
		Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*41.77*	
		For >10 To 20, Add	*22.17*	
		For >20 To 40, Add	*11.73*	
		For >75 To 100, Deduct	*-5.86*	
		For >100 To 200, Deduct	*-12.37*	
		For >200, Deduct	*-18.24*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*54.50*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast	2.92	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast	4.82	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	44.76	

07 51 13 00-0049 Walkway Pads *(07 51 13 00-0001)*

Note: Set in hot asphalt or cold adhesive.

07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	36.92	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	43.97	

07 51 13 00-0052 Cant And Tapered Edge Strips *(07 51 13 00-0001)*

07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	5.16	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	5.32	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	6.09	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.98	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	5.14	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	5.76	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	6.65	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	6.88	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	7.81	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	7.72	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	9.38	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	10.59	

07 51 13 00-0065 Asphalt Primer *(07 51 13 00-0001)*

07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems	41.74	
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		

07 51 13 00-0067 Demolish Built-Up Roofing *(07 51 13 00-0001)*

Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	450.36	
		For Up To 10, Add	*111.48*	
		For >10 To 25, Add	*66.89*	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.	347.42	
		For Up To 10, Add	*86.00*	
		For >10 To 25, Add	*51.60*	

07 51 13 00-0070 Roofing System Warranty *(07 51 13 00-0001)*

Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.

07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	653.66	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.34	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	747.04	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	14.94	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	1,027.18	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	20.54	

07 51 13 00-0077 Built-Up Roofing Components (Tremco) *(07 51 13)*

Note: All tasks presented as a single layer. Adhesives are priced separately.

07 51 13 00-0078 Cold Applied BUR Base Plies And Ply Sheets *(07 51 13 00-0077)*

07 51 13 00-0079	SQ	BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	151.27
07 51 13 00-0080	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	183.23
07 51 13 00-0081	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	210.68
07 51 13 00-0082	SQ	28 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	48.13
07 51 13 00-0083	SQ	33 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	69.55
07 51 13 00-0084	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	287.24
07 51 13 00-0085	SQ	POWERply Modified Heavy-Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	265.75

07 51 13 00-0086 Hot Or Cold Applied Modified Bitumen Cap Membrane *(07 51 13 00-0077)*

07 51 13 00-0087	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	163.47
07 51 13 00-0088	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	430.91
07 51 13 00-0089	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	711.96
07 51 13 00-0090	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	191.25
07 51 13 00-0091	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	292.53
07 51 13 00-0092	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	706.88
07 51 13 00-0093	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	515.12
07 51 13 00-0094	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	509.38

07 51 13 00-0095 Self Adhesive Base Plies And Ply Sheets *(07 51 13 00-0077)*

07 51 13 00-0096	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	295.97
07 51 13 00-0097	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	587.45

07 51 13 00-0098 Flashings *(07 51 13 00-0077)*

07 51 13 00-0099	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	18.70
07 51 13 00-0100	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	30.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0101	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	40.39	
07 51 13 00-0102	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	59.21	
07 51 13 00-0103	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	97.58	
07 51 13 00-0104	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	14.90	
07 51 13 00-0105	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	24.32	
07 51 13 00-0106	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	32.41	
07 51 13 00-0107	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	47.33	
07 51 13 00-0108	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	79.70	
07 51 13 00-0109	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.33	
07 51 13 00-0110	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.51	
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	6.33	
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	16.35	
07 51 13 00-0113		**Cold Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive	185.54	
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive	305.73	
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	235.76	
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	185.54	
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	95.04	
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	209.93	
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive	207.20	
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	572.57	
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	316.22	
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive	356.67	
07 51 13 00-0124		**Hot Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	68.32	
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	124.96	
07 51 13 00-0127		**Flashings Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	23.37	
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	30.56	
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	19.05	
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant	7.29	
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant	7.48	
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant	7.33	
07 51 13 00-0134		**Surfacing** *(07 51 13 00-0077)*		
07 51 13 00-0135	SQ	TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating	275.57	
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	617.24	
07 51 13 00-0137	SQ	Polar Coat	160.09	
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	195.59	
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	564.35	
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	258.26	
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	72.62	
07 51 13 00-0142		**Walkway Protection Pads** *(07 51 13 00-0077)*		
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	36.50	
07 51 13 00-0144		**Primer** *(07 51 13 00-0077)*		
07 51 13 00-0145	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	42.31	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	91.55	
07 51 13 00-0147		**Liquid Applied Roofing** *(07 51 13 00-0077)*		
07 51 13 00-0148	SQ	Horizontal Waterproofing (Trem-LAR LRM H) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	469.66	
07 51 13 00-0149	SQ	Vertical Waterproofing (Trem-LAR LRM V) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	478.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	613.29	
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	796.63	
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	466.29	
07 51 13 00-0153	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	89.66	
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	92.00	
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	98.73	
07 51 13 00-0156	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	73.31	
07 51 13 00-0157	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	66.15	
07 51 13 00-0158		**Atactic-Polypropylene (APP) Products** *(07 51 13 00-0077)*		
07 51 13 00-0159	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	242.52	
07 51 13 00-0160	SQ	POWERply Atactic-Polypropylene (APP) FR	458.04	
07 51 13 00-0161	SQ	POWERply Atactic-Polypropylene (APP) Smooth	367.10	
07 51 13 00-0162		**Tri-Polymer Alloy (TPA) White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0163	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	645.46	
07 51 13 00-0164	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	881.70	
07 51 13 00-0165	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	1,000.16	
07 51 13 00-0166		**Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0167	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	740.28	
07 51 13 00-0168	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	905.88	
07 51 13 00-0169	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,106.21	
07 51 13 00-0170		**Tri-Polymer Alloy (TPA) Membrane Accessories** *(07 51 13 00-0077)*		
07 51 13 00-0171	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	132.75	
07 51 13 00-0172	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	150.73	
07 51 13 00-0173	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	22.36	
07 51 13 00-0174	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	78.30	
07 51 13 00-0175		**Thermoplastic Polyolefin (TPO) Polyester White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0176	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	350.22	
07 51 13 00-0177	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	353.84	
07 51 13 00-0178	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	626.27	
07 51 13 00-0179		**Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0180	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	405.07	
07 51 13 00-0181	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	454.87	
07 51 13 00-0182	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	658.41	
07 51 13 00-0183		**Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)** *(07 51 13 00-0077)*		
07 51 13 00-0184	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	1,074.86	
07 51 13 00-0185		**Single Ply Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0186	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	176.51	
07 51 13 00-0187	SQ	Water Based, TPA Bonding Adhesive (Tremco)	198.95	
07 51 13 00-0188	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	173.26	
07 51 13 00-0189	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	116.68	
07 51 13 00-0190		**Warranty (Tremco)** *(07 51 13 00-0077)*		
07 51 13 00-0191	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195		**Built-Up Roofing Components (Garland)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196		**Modified Cap Membranes** *(07 51 13 00-0195)* See CSI section 07 51 13 00-0220 for base membrane.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0197		**Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0196)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	748.36	
07 51 13 00-0199	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	535.85	
07 51 13 00-0200	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	663.06	
07 51 13 00-0201	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	688.95	
07 51 13 00-0202	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	958.59	
07 51 13 00-0203	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,077.41	
07 51 13 00-0204	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.	452.53	
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	571.66	
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	350.22	
07 51 13 00-0207		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0196)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	677.53	
07 51 13 00-0209		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0196)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	833.68	
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	906.81	
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	955.55	
07 51 13 00-0213	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	873.29	
07 51 13 00-0214	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	925.09	
07 51 13 00-0215	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	970.79	
07 51 13 00-0216		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0196)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0217	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	767.17	
07 51 13 00-0218	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,214.52	
07 51 13 00-0219	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	989.07	
07 51 13 00-0220		**Base Ply** *(07 51 13 00-0195)* Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.Includes leak-free warranty based on cap sheet selection. See CSI section 07 51 13 00-0196 for cap membrane.		
07 51 13 00-0221	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	684.38	
07 51 13 00-0222	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	430.74	
07 51 13 00-0223	SQ	HPR® Glasbase Heavy-Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil. Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	99.12	
07 51 13 00-0224	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil Note: Inner ply felts for hot applied built up and modified BUR systems.	65.91	
07 51 13 00-0225	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	80.07	
07 51 13 00-0226	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	86.92	
07 51 13 00-0227	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.	134.21	
07 51 13 00-0228	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	435.08	
07 51 13 00-0229	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil Note: Self adhering base ply for self adhering 2 ply system.	376.67	
07 51 13 00-0230	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil	350.66	
07 51 13 00-0231	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	381.70	
07 51 13 00-0232	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	316.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0233	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	6.16	
07 51 13 00-0234	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	16.57	
07 51 13 00-0235	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	76.64	
07 51 13 00-0236	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	8.00	
07 51 13 00-0237	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.85	
07 51 13 00-0238	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.74	
07 51 13 00-0239	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	166.45	

07 51 13 00-0240 Coatings And Mastics For Roof Installation, Restoration And Repairs *(07 51 13 00-0195)*

07 51 13 00-0241	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	49.56	
07 51 13 00-0242	SQ	Black-Knight® Primer	45.97	
07 51 13 00-0243	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	183.99	
07 51 13 00-0244	SQ	4-5 GAL/SQ, Cold Process Polymer Modified Coal Tar, Flood Coat (Black-Knight® Cold)	195.85	
07 51 13 00-0245	SQ	6-8 GAL/SQ, Cold Process Polymer Modified Coal Tar, Restoration, Black-Knight® Cold	311.78	
07 51 13 00-0246	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	497.63	
07 51 13 00-0247	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	513.45	
07 51 13 00-0248	SQ	3 GAL/SQ, Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat, Energizer® K Plus FR	240.73	
07 51 13 00-0249	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	397.71	
07 51 13 00-0250	SQ	3 GAL/SQ, Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat, Energizer® LO	609.88	
07 51 13 00-0251	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	1,013.15	
07 51 13 00-0252	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	425.21	
07 51 13 00-0253	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	441.03	
07 51 13 00-0254	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	929.45	
07 51 13 00-0255	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	403.91	
07 51 13 00-0256	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	198.79	
07 51 13 00-0257	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	214.61	
07 51 13 00-0258	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	186.98	
07 51 13 00-0259	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	174.88	
07 51 13 00-0260	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	23.20	
		Note: Adheres all insulation layers for cold systems.		
07 51 13 00-0261	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	208.54	
07 51 13 00-0262	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	202.21	
07 51 13 00-0263	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	26.79	
07 51 13 00-0264	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	269.50	
07 51 13 00-0265	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	1,560.19	
07 51 13 00-0266	SQ	4-5 GAL/SQ, Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat, Weatherscreen™	345.81	
07 51 13 00-0267	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	421.06	
07 51 13 00-0268	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	157.87	
07 51 13 00-0269	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	537.78	
07 51 13 00-0270	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply	156.71	
		Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	240.16	
		For Up To 10, Add	*56.61*	
		For >10 To 20, Add	*30.45*	
		For >20 To 40, Add	*16.30*	
		For >75 To 100, Deduct	*-8.15*	
		For >100 To 200, Deduct	*-17.37*	
		For >200, Deduct	*-25.52*	
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	292.35	
		For Up To 10, Add	*67.05*	
		For >10 To 20, Add	*35.67*	
		For >20 To 40, Add	*18.91*	
		For >75 To 100, Deduct	*-9.45*	
		For >100 To 200, Deduct	*-19.98*	
		For >200, Deduct	*-29.43*	
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	459.00	
		For Up To 10, Add	*100.38*	
		For >10 To 20, Add	*52.33*	
		For >20 To 40, Add	*27.24*	
		For >75 To 100, Deduct	*-13.62*	
		For >100 To 200, Deduct	*-28.31*	
		For >200, Deduct	*-41.93*	
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	463.08	
		For Up To 10, Add	*102.01*	
		For >10 To 20, Add	*53.35*	
		For >20 To 40, Add	*27.85*	
		For >75 To 100, Deduct	*-13.93*	
		For >100 To 200, Deduct	*-29.03*	
		For >200, Deduct	*-42.95*	
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	331.46	
		For Up To 10, Add	*75.69*	
		For >10 To 20, Add	*40.19*	
		For >20 To 40, Add	*21.27*	
		For >75 To 100, Deduct	*-10.64*	
		For >100 To 200, Deduct	*-22.44*	
		For >200, Deduct	*-33.08*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	384.25	
		For Up To 10, Add	*86.24*	
		For >10 To 20, Add	*45.47*	
		For >20 To 40, Add	*23.91*	
		For >75 To 100, Deduct	*-11.95*	
		For >100 To 200, Deduct	*-25.08*	
		For >200, Deduct	*-37.04*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	528.08	
		For Up To 10, Add	*115.01*	
		For >10 To 20, Add	*59.85*	
		For >20 To 40, Add	*31.10*	
		For >75 To 100, Deduct	*-15.55*	
		For >100 To 200, Deduct	*-32.28*	
		For >200, Deduct	*-47.83*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	6.71	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	10.28	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	173.29	
		For Up To 10, Add	*43.23*	
		For >10 To 20, Add	*23.76*	
		For >20 To 40, Add	*12.95*	
		For >75 To 100, Deduct	*-6.47*	
		For >100 To 200, Deduct	*-14.02*	
		For >200, Deduct	*-20.49*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	225.48	
		For Up To 10, Add	*53.66*	
		For >10 To 20, Add	*28.97*	
		For >20 To 40, Add	*15.56*	
		For >75 To 100, Deduct	*-7.78*	
		For >100 To 200, Deduct	*-16.63*	
		For >200, Deduct	*-24.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	271.48	
		For Up To 10, Add	*67.16*	
		For >10 To 20, Add	*36.80*	
		For >20 To 40, Add	*20.01*	
		For >75 To 100, Deduct	*-10.00*	
		For >100 To 200, Deduct	*-21.62*	
		For >200, Deduct	*-31.62*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	284.85	
		For Up To 10, Add	*69.84*	
		For >10 To 20, Add	*38.14*	
		For >20 To 40, Add	*20.68*	
		For >75 To 100, Deduct	*-10.34*	
		For >100 To 200, Deduct	*-22.29*	
		For >200, Deduct	*-32.62*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	393.26	
		For Up To 10, Add	*91.52*	
		For >10 To 20, Add	*48.98*	
		For >20 To 40, Add	*26.10*	
		For >75 To 100, Deduct	*-13.05*	
		For >100 To 200, Deduct	*-27.71*	
		For >200, Deduct	*-40.75*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	271.48	
		For Up To 10, Add	*67.16*	
		For >10 To 20, Add	*36.80*	
		For >20 To 40, Add	*20.01*	
		For >75 To 100, Deduct	*-10.00*	
		For >100 To 200, Deduct	*-21.62*	
		For >200, Deduct	*-31.62*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	288.19	
		For Up To 10, Add	*70.51*	
		For >10 To 20, Add	*38.47*	
		For >20 To 40, Add	*20.84*	
		For >75 To 100, Deduct	*-10.42*	
		For >100 To 200, Deduct	*-22.45*	
		For >200, Deduct	*-32.87*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	393.26	
		For Up To 10, Add	*91.52*	
		For >10 To 20, Add	*48.98*	
		For >20 To 40, Add	*26.10*	
		For >75 To 100, Deduct	*-13.05*	
		For >100 To 200, Deduct	*-27.71*	
		For >200, Deduct	*-40.75*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	282.01	
		For Up To 10, Add	*69.27*	
		For >10 To 20, Add	*37.85*	
		For >20 To 40, Add	*20.53*	
		For >75 To 100, Deduct	*-10.27*	
		For >100 To 200, Deduct	*-22.14*	
		For >200, Deduct	*-32.41*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	298.21	
		For Up To 10, Add	*72.51*	
		For >10 To 20, Add	*39.47*	
		For >20 To 40, Add	*21.34*	
		For >75 To 100, Deduct	*-10.67*	
		For >100 To 200, Deduct	*-22.95*	
		For >200, Deduct	*-33.63*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	337.97	
		For Up To 10, Add	*80.46*	
		For >10 To 20, Add	*43.45*	
		For >20 To 40, Add	*23.33*	
		For >75 To 100, Deduct	*-11.67*	
		For >100 To 200, Deduct	*-24.94*	
		For >200, Deduct	*-36.61*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	342.81	
		For Up To 10, Add	*81.43*	
		For >10 To 20, Add	*43.93*	
		For >20 To 40, Add	*23.57*	
		For >75 To 100, Deduct	*-11.79*	
		For >100 To 200, Deduct	*-25.18*	
		For >200, Deduct	*-36.97*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	478.63	
		For Up To 10, Add	*108.59*	
		For >10 To 20, Add	*57.51*	
		For >20 To 40, Add	*30.37*	
		For >75 To 100, Deduct	*-15.18*	
		For >100 To 200, Deduct	*-31.97*	
		For >200, Deduct	*-47.16*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.00	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.22	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.27	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.71	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	6.07	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	256.09	
		For Up To 10, Add	*55.50*	
		For >10 To 20, Add	*28.82*	
		For >20 To 40, Add	*14.95*	
		For >75 To 100, Deduct	*-7.47*	
		For >100 To 200, Deduct	*-15.48*	
		For >200, Deduct	*-22.96*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	189.06	
		For Up To 10, Add	*46.39*	
		For >10 To 20, Add	*25.34*	
		For >20 To 40, Add	*13.74*	
		For >75 To 100, Deduct	*-6.87*	
		For >100 To 200, Deduct	*-14.81*	
		For >200, Deduct	*-21.69*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	247.01	
		For Up To 10, Add	*57.98*	
		For >10 To 20, Add	*31.13*	
		For >20 To 40, Add	*16.64*	
		For >75 To 100, Deduct	*-8.32*	
		For >100 To 200, Deduct	*-17.71*	
		For >200, Deduct	*-26.03*	
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	254.49	
		For Up To 10, Add	*59.48*	
		For >10 To 20, Add	*31.88*	
		For >20 To 40, Add	*17.01*	
		For >75 To 100, Deduct	*-8.51*	
		For >100 To 200, Deduct	*-18.09*	
		For >200, Deduct	*-26.59*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	346.92	
		For Up To 10, Add	*77.96*	
		For >10 To 20, Add	*41.13*	
		For >20 To 40, Add	*21.64*	
		For >75 To 100, Deduct	*-10.82*	
		For >100 To 200, Deduct	*-22.71*	
		For >200, Deduct	*-33.52*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	440.47	
		For Up To 10, Add	*96.67*	
		For >10 To 20, Add	*50.48*	
		For >20 To 40, Add	*26.31*	
		For >75 To 100, Deduct	*-13.16*	
		For >100 To 200, Deduct	*-27.38*	
		For >200, Deduct	*-40.54*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	367.01	
		For Up To 10, Add	*82.80*	
		For >10 To 20, Add	*43.75*	
		For >20 To 40, Add	*23.05*	
		For >75 To 100, Deduct	*-11.52*	
		For >100 To 200, Deduct	*-24.22*	
		For >200, Deduct	*-35.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	377.06	
		For Up To 10, Add	*84.81*	
		For >10 To 20, Add	*44.75*	
		For >20 To 40, Add	*23.55*	
		For >75 To 100, Deduct	*-11.78*	
		For >100 To 200, Deduct	*-24.72*	
		For >200, Deduct	*-36.50*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	329.96	
		For Up To 10, Add	*75.39*	
		For >10 To 20, Add	*40.04*	
		For >20 To 40, Add	*21.20*	
		For >75 To 100, Deduct	*-10.60*	
		For >100 To 200, Deduct	*-22.37*	
		For >200, Deduct	*-32.97*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	334.30	
		For Up To 10, Add	*76.25*	
		For >10 To 20, Add	*40.48*	
		For >20 To 40, Add	*21.41*	
		For >75 To 100, Deduct	*-10.71*	
		For >100 To 200, Deduct	*-22.59*	
		For >200, Deduct	*-33.29*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	374.39	
		For Up To 10, Add	*84.27*	
		For >10 To 20, Add	*44.48*	
		For >20 To 40, Add	*23.42*	
		For >75 To 100, Deduct	*-11.71*	
		For >100 To 200, Deduct	*-24.59*	
		For >200, Deduct	*-36.30*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	381.07	
		For Up To 10, Add	*85.61*	
		For >10 To 20, Add	*45.15*	
		For >20 To 40, Add	*23.75*	
		For >75 To 100, Deduct	*-11.88*	
		For >100 To 200, Deduct	*-24.92*	
		For >200, Deduct	*-36.80*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	439.54	
		For Up To 10, Add	*97.30*	
		For >10 To 20, Add	*51.00*	
		For >20 To 40, Add	*26.67*	
		For >75 To 100, Deduct	*-13.34*	
		For >100 To 200, Deduct	*-27.85*	
		For >200, Deduct	*-41.19*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	546.05	
		For Up To 10, Add	*118.60*	
		For >10 To 20, Add	*61.65*	
		For >20 To 40, Add	*32.00*	
		For >75 To 100, Deduct	*-16.00*	
		For >100 To 200, Deduct	*-33.17*	
		For >200, Deduct	*-49.17*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	337.21	
		For Up To 10, Add	*76.84*	
		For >10 To 20, Add	*40.77*	
		For >20 To 40, Add	*21.56*	
		For >75 To 100, Deduct	*-10.78*	
		For >100 To 200, Deduct	*-22.73*	
		For >200, Deduct	*-33.51*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	347.66	
		For Up To 10, Add	*78.93*	
		For >10 To 20, Add	*41.81*	
		For >20 To 40, Add	*22.08*	
		For >75 To 100, Deduct	*-11.04*	
		For >100 To 200, Deduct	*-23.25*	
		For >200, Deduct	*-34.29*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	404.46	
		For Up To 10, Add	*90.29*	
		For >10 To 20, Add	*47.49*	
		For >20 To 40, Add	*24.92*	
		For >75 To 100, Deduct	*-12.46*	
		For >100 To 200, Deduct	*-26.09*	
		For >200, Deduct	*-38.55*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	405.80	
		For Up To 10, Add	*90.55*	
		For >10 To 20, Add	*47.63*	
		For >20 To 40, Add	*24.99*	
		For >75 To 100, Deduct	*-12.49*	
		For >100 To 200, Deduct	*-26.16*	
		For >200, Deduct	*-38.65*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	431.19	
		For Up To 10, Add	*95.63*	
		For >10 To 20, Add	*50.16*	
		For >20 To 40, Add	*26.26*	
		For >75 To 100, Deduct	*-13.13*	
		For >100 To 200, Deduct	*-27.43*	
		For >200, Deduct	*-40.56*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.85	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.38	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.42	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.89	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.48	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.54	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.45	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.56	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.14	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.39	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	8.47	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	15.98	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	154.86	
		For Up To 10, Add	*39.67*	
		For >10 To 20, Add	*22.01*	
		For >20 To 40, Add	*12.09*	
		For >75 To 100, Deduct	*-6.05*	
		For >100 To 200, Deduct	*-13.18*	
		For >200, Deduct	*-19.23*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	212.81	
		For Up To 10, Add	*51.26*	
		For >10 To 20, Add	*27.81*	
		For >20 To 40, Add	*14.99*	
		For >75 To 100, Deduct	*-7.50*	
		For >100 To 200, Deduct	*-16.08*	
		For >200, Deduct	*-23.57*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	220.29	
		For Up To 10, Add	*52.76*	
		For >10 To 20, Add	*28.55*	
		For >20 To 40, Add	*15.36*	
		For >75 To 100, Deduct	*-7.68*	
		For >100 To 200, Deduct	*-16.45*	
		For >200, Deduct	*-24.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	312.73	
		For Up To 10, Add	*71.25*	
		For >10 To 20, Add	*37.80*	
		For >20 To 40, Add	*19.99*	
		For >75 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-21.07*	
		For >200, Deduct	*-31.07*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	406.28	
		For Up To 10, Add	*89.96*	
		For >10 To 20, Add	*47.15*	
		For >20 To 40, Add	*24.66*	
		For >75 To 100, Deduct	*-12.33*	
		For >100 To 200, Deduct	*-25.75*	
		For >200, Deduct	*-38.08*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	332.87	
		For Up To 10, Add	*76.10*	
		For >10 To 20, Add	*40.43*	
		For >20 To 40, Add	*21.41*	
		For >75 To 100, Deduct	*-10.70*	
		For >100 To 200, Deduct	*-22.60*	
		For >200, Deduct	*-33.30*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	342.93	
		For Up To 10, Add	*78.11*	
		For >10 To 20, Add	*41.44*	
		For >20 To 40, Add	*21.91*	
		For >75 To 100, Deduct	*-10.96*	
		For >100 To 200, Deduct	*-23.10*	
		For >200, Deduct	*-34.06*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	295.82	
		For Up To 10, Add	*68.69*	
		For >10 To 20, Add	*36.73*	
		For >20 To 40, Add	*19.56*	
		For >75 To 100, Deduct	*-9.78*	
		For >100 To 200, Deduct	*-20.75*	
		For >200, Deduct	*-30.52*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	300.16	
		For Up To 10, Add	*69.56*	
		For >10 To 20, Add	*37.16*	
		For >20 To 40, Add	*19.77*	
		For >75 To 100, Deduct	*-9.89*	
		For >100 To 200, Deduct	*-20.96*	
		For >200, Deduct	*-30.85*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	340.25	
		For Up To 10, Add	*77.58*	
		For >10 To 20, Add	*41.17*	
		For >20 To 40, Add	*21.78*	
		For >75 To 100, Deduct	*-10.89*	
		For >100 To 200, Deduct	*-22.97*	
		For >200, Deduct	*-33.86*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	346.94	
		For Up To 10, Add	*78.92*	
		For >10 To 20, Add	*41.84*	
		For >20 To 40, Add	*22.11*	
		For >75 To 100, Deduct	*-11.06*	
		For >100 To 200, Deduct	*-23.30*	
		For >200, Deduct	*-34.36*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	405.40	
		For Up To 10, Add	*90.61*	
		For >10 To 20, Add	*47.69*	
		For >20 To 40, Add	*25.03*	
		For >75 To 100, Deduct	*-12.52*	
		For >100 To 200, Deduct	*-26.23*	
		For >200, Deduct	*-38.74*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	511.92	
		For Up To 10, Add	*111.91*	
		For >10 To 20, Add	*58.34*	
		For >20 To 40, Add	*30.36*	
		For >75 To 100, Deduct	*-15.18*	
		For >100 To 200, Deduct	*-31.55*	
		For >200, Deduct	*-46.73*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	303.07	
		For Up To 10, Add	*70.14*	
		For >10 To 20, Add	*37.45*	
		For >20 To 40, Add	*19.92*	
		For >75 To 100, Deduct	*-9.96*	
		For >100 To 200, Deduct	*-21.11*	
		For >200, Deduct	*-31.07*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	313.53	
		For Up To 10, Add	*72.23*	
		For >10 To 20, Add	*38.50*	
		For >20 To 40, Add	*20.44*	
		For >75 To 100, Deduct	*-10.22*	
		For >100 To 200, Deduct	*-21.63*	
		For >200, Deduct	*-31.85*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	370.32	
		For Up To 10, Add	*83.59*	
		For >10 To 20, Add	*44.18*	
		For >20 To 40, Add	*23.28*	
		For >75 To 100, Deduct	*-11.64*	
		For >100 To 200, Deduct	*-24.47*	
		For >200, Deduct	*-36.11*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	371.66	
		For Up To 10, Add	*83.86*	
		For >10 To 20, Add	*44.31*	
		For >20 To 40, Add	*23.35*	
		For >75 To 100, Deduct	*-11.67*	
		For >100 To 200, Deduct	*-24.54*	
		For >200, Deduct	*-36.21*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	397.05	
		For Up To 10, Add	*88.94*	
		For >10 To 20, Add	*46.85*	
		For >20 To 40, Add	*24.62*	
		For >75 To 100, Deduct	*-12.31*	
		For >100 To 200, Deduct	*-25.81*	
		For >200, Deduct	*-38.12*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.66	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.19	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.23	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.63	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.70	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.29	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.35	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.26	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.37	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.84	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.20	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	8.28	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	15.79	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	318.26	
		For Up To 10, Add	*76.52*	
		For >10 To 20, Add	*41.48*	
		For >20 To 40, Add	*22.35*	
		For >75 To 100, Deduct	*-11.17*	
		For >100 To 200, Deduct	*-23.96*	
		For >200, Deduct	*-35.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	285.85	
		For Up To 10, Add	*70.04*	
		For >10 To 20, Add	*38.24*	
		For >20 To 40, Add	*20.73*	
		For >75 To 100, Deduct	*-10.36*	
		For >100 To 200, Deduct	*-22.34*	
		For >200, Deduct	*-32.70*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	323.94	
		For Up To 10, Add	*77.66*	
		For >10 To 20, Add	*42.05*	
		For >20 To 40, Add	*22.63*	
		For >75 To 100, Deduct	*-11.32*	
		For >100 To 200, Deduct	*-24.24*	
		For >200, Deduct	*-35.56*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	496.60	
		For Up To 10, Add	*112.19*	
		For >10 To 20, Add	*59.31*	
		For >20 To 40, Add	*31.26*	
		For >75 To 100, Deduct	*-15.63*	
		For >100 To 200, Deduct	*-32.87*	
		For >200, Deduct	*-48.50*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	296.74	
		For Up To 10, Add	*72.22*	
		For >10 To 20, Add	*39.33*	
		For >20 To 40, Add	*21.27*	
		For >75 To 100, Deduct	*-10.64*	
		For >100 To 200, Deduct	*-22.88*	
		For >200, Deduct	*-33.52*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	341.65	
		For Up To 10, Add	*81.20*	
		For >10 To 20, Add	*43.82*	
		For >20 To 40, Add	*23.52*	
		For >75 To 100, Deduct	*-11.76*	
		For >100 To 200, Deduct	*-25.13*	
		For >200, Deduct	*-36.88*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	355.93	
		For Up To 10, Add	*84.24*	
		For >10 To 20, Add	*45.38*	
		For >20 To 40, Add	*24.32*	
		For >75 To 100, Deduct	*-12.16*	
		For >100 To 200, Deduct	*-25.95*	
		For >200, Deduct	*-38.12*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	460.74	
		For Up To 10, Add	*105.20*	
		For >10 To 20, Add	*55.86*	
		For >20 To 40, Add	*29.56*	
		For >75 To 100, Deduct	*-14.78*	
		For >100 To 200, Deduct	*-31.19*	
		For >200, Deduct	*-45.98*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.56	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.54	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	6.25	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.74	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.84	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.89	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	6.12	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	14.69	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	198.51
		For Up To 10, Add	*43.99*
		For >10 To 20, Add	*23.06*
		For >20 To 40, Add	*12.07*
		For >75 To 100, Deduct	*-6.03*
		For >100 To 200, Deduct	*-12.60*
		For >200, Deduct	*-18.64*
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	152.79
		For Up To 10, Add	*34.84*
		For >10 To 20, Add	*18.49*
		For >20 To 40, Add	*9.78*
		For >75 To 100, Deduct	*-4.89*
		For >100 To 200, Deduct	*-10.32*
		For >200, Deduct	*-15.21*
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	197.80
		For Up To 10, Add	*43.84*
		For >10 To 20, Add	*22.99*
		For >20 To 40, Add	*12.03*
		For >75 To 100, Deduct	*-6.02*
		For >100 To 200, Deduct	*-12.57*
		For >200, Deduct	*-18.58*
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	247.51
		For Up To 10, Add	*53.79*
		For >10 To 20, Add	*27.96*
		For >20 To 40, Add	*14.52*
		For >75 To 100, Deduct	*-7.26*
		For >100 To 200, Deduct	*-15.05*
		For >200, Deduct	*-22.31*
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	310.66
		For Up To 10, Add	*66.42*
		For >10 To 20, Add	*34.28*
		For >20 To 40, Add	*17.68*
		For >75 To 100, Deduct	*-8.84*
		For >100 To 200, Deduct	*-18.21*
		For >200, Deduct	*-27.05*

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.91
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	4.00

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 15-0001 Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)*
Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.

07 52 16 15-0002 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*

07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	159.26
		For Up To 10, Add	*37.00*
		For >10 To 20, Add	*19.79*
		For >20 To 40, Add	*10.54*
		For >75 To 100, Deduct	*-5.27*
		For >100 To 200, Deduct	*-11.18*
		For >200, Deduct	*-16.45*
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	168.74
		For Up To 10, Add	*38.90*
		For >10 To 20, Add	*20.74*
		For >20 To 40, Add	*11.01*
		For >75 To 100, Deduct	*-5.51*
		For >100 To 200, Deduct	*-11.65*
		For >200, Deduct	*-17.16*
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	284.52
		For Up To 10, Add	*62.44*
		For >10 To 20, Add	*32.60*
		For >20 To 40, Add	*16.99*
		For >75 To 100, Deduct	*-8.50*
		For >100 To 200, Deduct	*-17.68*
		For >200, Deduct	*-26.18*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	340.05	
		For Up To 10, Add	*73.54*	
		For >10 To 20, Add	*38.15*	
		For >20 To 40, Add	*19.77*	
		For >75 To 100, Deduct	*-9.88*	
		For >100 To 200, Deduct	*-20.46*	
		For >200, Deduct	*-30.34*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	503.76	
		For Up To 10, Add	*106.28*	
		For >10 To 20, Add	*54.53*	
		For >20 To 40, Add	*27.95*	
		For >75 To 100, Deduct	*-13.98*	
		For >100 To 200, Deduct	*-28.65*	
		For >200, Deduct	*-42.62*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 15-0008 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*

07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	4.51	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	5.05	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	6.69	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	

07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*

Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	582.21	102.94
		For Up To 10, Add	*157.62*	
		For >10 To 20, Add	*89.10*	
		For >20 To 40, Add	*49.70*	
		For >75 To 100, Deduct	*-24.85*	
		For >100 To 200, Deduct	*-54.85*	
		For >200, Deduct	*-79.69*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	426.67	51.47
		For Up To 10, Add	*105.92*	
		For >10 To 20, Add	*58.11*	
		For >20 To 40, Add	*31.63*	
		For >75 To 100, Deduct	*-15.81*	
		For >100 To 200, Deduct	*-34.20*	
		For >200, Deduct	*-50.01*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	461.87	77.21
		For Up To 10, Add	*123.26*	
		For >10 To 20, Add	*69.35*	
		For >20 To 40, Add	*38.53*	
		For >75 To 100, Deduct	*-19.27*	
		For >100 To 200, Deduct	*-42.39*	
		For >200, Deduct	*-61.66*	
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*38.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.92*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	304.35	51.47
		For Up To 10, Add	*81.46*	
		For >10 To 20, Add	*45.88*	
		For >20 To 40, Add	*25.51*	
		For >75 To 100, Deduct	*-12.76*	
		For >100 To 200, Deduct	*-28.09*	
		For >200, Deduct	*-40.84*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	387.46	54.69
		For Up To 10, Add	*99.37*	
		For >10 To 20, Add	*55.15*	
		For >20 To 40, Add	*30.31*	
		For >75 To 100, Deduct	*-15.16*	
		For >100 To 200, Deduct	*-33.04*	
		For >200, Deduct	*-48.20*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	514.59	57.90
		For Up To 10, Add	*126.08*	
		For >10 To 20, Add	*68.83*	
		For >20 To 40, Add	*37.31*	
		For >75 To 100, Deduct	*-18.66*	
		For >100 To 200, Deduct	*-40.21*	
		For >200, Deduct	*-58.86*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	365.59	77.21
		For Up To 10, Add	*104.00*	
		For >10 To 20, Add	*59.72*	
		For >20 To 40, Add	*33.72*	
		For >75 To 100, Deduct	*-16.86*	
		For >100 To 200, Deduct	*-37.58*	
		For >200, Deduct	*-54.44*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*33.36*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*117.90*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	448.71	80.43
		For Up To 10, Add	*121.91*	
		For >10 To 20, Add	*69.00*	
		For >20 To 40, Add	*38.52*	
		For >75 To 100, Deduct	*-19.26*	
		For >100 To 200, Deduct	*-42.54*	
		For >200, Deduct	*-61.80*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*33.36*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*130.66*	
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive and fasteners.	575.84	83.64
		For Up To 10, Add	*148.62*	
		For >10 To 20, Add	*82.68*	
		For >20 To 40, Add	*45.52*	
		For >75 To 100, Deduct	*-22.76*	
		For >100 To 200, Deduct	*-49.70*	
		For >200, Deduct	*-72.46*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*33.36*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*144.57*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	481.60	102.94
		For Up To 10, Add	*137.50*	
		For >10 To 20, Add	*79.04*	
		For >20 To 40, Add	*44.67*	
		For >75 To 100, Deduct	*-22.33*	
		For >100 To 200, Deduct	*-49.82*	
		For >200, Deduct	*-72.15*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For Low VOC Adhesive, Add	*83.40*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*117.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	564.71	106.16
		For Up To 10, Add	*155.40*	
		For >10 To 20, Add	*88.32*	
		For >20 To 40, Add	*49.47*	
		For >75 To 100, Deduct	*-24.73*	
		For >100 To 200, Deduct	*-54.77*	
		For >200, Deduct	*-79.51*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For Low VOC Adhesive, Add	*83.40*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*130.66*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	691.84	109.37
		For Up To 10, Add	*182.12*	
		For >10 To 20, Add	*102.00*	
		For >20 To 40, Add	*56.47*	
		For >75 To 100, Deduct	*-28.23*	
		For >100 To 200, Deduct	*-61.94*	
		For >200, Deduct	*-90.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*83.40*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*144.57*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	339.30	77.21
		For Up To 10, Add	*98.74*	
		For >10 To 20, Add	*57.09*	
		For >20 To 40, Add	*32.41*	
		For >75 To 100, Deduct	*-16.20*	
		For >100 To 200, Deduct	*-36.27*	
		For >200, Deduct	*-52.47*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*38.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.92*	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	422.42	80.43
		For Up To 10, Add	*116.65*	
		For >10 To 20, Add	*66.37*	
		For >20 To 40, Add	*37.21*	
		For >75 To 100, Deduct	*-18.60*	
		For >100 To 200, Deduct	*-41.23*	
		For >200, Deduct	*-59.83*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*26.94*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*40.21*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.53*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	549.55	83.64
		For Up To 10, Add	*143.37*	
		For >10 To 20, Add	*80.05*	
		For >20 To 40, Add	*44.21*	
		For >75 To 100, Deduct	*-22.10*	
		For >100 To 200, Deduct	*-48.39*	
		For >200, Deduct	*-70.49*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*41.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.14*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	76.64	
		For Up To 10, Add	*20.48*	
		For >10 To 20, Add	*11.53*	
		For >20 To 40, Add	*6.41*	
		For >75 To 100, Deduct	*-3.20*	
		For >100 To 200, Deduct	*-7.05*	
		For >200, Deduct	*-10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	79.18	
		For Up To 10, Add	*20.98*	
		For >10 To 20, Add	*11.78*	
		For >20 To 40, Add	*6.53*	
		For >75 To 100, Deduct	*-3.27*	
		For >100 To 200, Deduct	*-7.18*	
		For >200, Deduct	*-10.44*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	49.17	12.22
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	69.26	12.22
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	127.22	12.22
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	168.14	13.51
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	37.80	7.46
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	7.28	1.93
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	9.21	2.90

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*
Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	549.41	57.90
		For Up To 10, Add	*133.04*	
		For >10 To 20, Add	*72.31*	
		For >20 To 40, Add	*39.05*	
		For >75 To 100, Deduct	*-19.53*	
		For >100 To 200, Deduct	*-41.95*	
		For >200, Deduct	*-61.47*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, (40%) Partially Adhered Note: Includes adhesive.	617.62	83.64
		For Up To 10, Add	*156.98*	
		For >10 To 20, Add	*86.85*	
		For >20 To 40, Add	*47.61*	
		For >75 To 100, Deduct	*-23.80*	
		For >100 To 200, Deduct	*-51.79*	
		For >200, Deduct	*-75.60*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	744.09	109.37
		For Up To 10, Add	*192.57*	
		For >10 To 20, Add	*107.22*	
		For >20 To 40, Add	*59.08*	
		For >75 To 100, Deduct	*-29.54*	
		For >100 To 200, Deduct	*-64.55*	
		For >200, Deduct	*-94.09*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*
Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	273.95	51.47
		For Up To 10, Add	*75.38*	
		For >10 To 20, Add	*42.84*	
		For >20 To 40, Add	*23.99*	
		For >75 To 100, Deduct	*-12.00*	
		For >100 To 200, Deduct	*-26.57*	
		For >200, Deduct	*-38.56*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	306.99	54.69
		For Up To 10, Add	*83.27*	
		For >10 To 20, Add	*47.10*	
		For >20 To 40, Add	*26.29*	
		For >75 To 100, Deduct	*-13.14*	
		For >100 To 200, Deduct	*-29.02*	
		For >200, Deduct	*-42.16*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	344.21	56.30
		For Up To 10, Add	*91.36*	
		For >10 To 20, Add	*51.31*	
		For >20 To 40, Add	*28.47*	
		For >75 To 100, Deduct	*-14.24*	
		For >100 To 200, Deduct	*-31.29*	
		For >200, Deduct	*-45.52*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	362.21	57.90
		For Up To 10, Add	*95.60*	
		For >10 To 20, Add	*53.59*	
		For >20 To 40, Add	*29.69*	
		For >75 To 100, Deduct	*-14.85*	
		For >100 To 200, Deduct	*-32.59*	
		For >200, Deduct	*-47.43*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	511.67	102.94
		For Up To 10, Add	*143.51*	
		For >10 To 20, Add	*82.05*	
		For >20 To 40, Add	*46.17*	
		For >75 To 100, Deduct	*-23.09*	
		For >100 To 200, Deduct	*-51.32*	
		For >200, Deduct	*-74.40*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	544.71	106.16
		For Up To 10, Add	*151.40*	
		For >10 To 20, Add	*86.32*	
		For >20 To 40, Add	*48.47*	
		For >75 To 100, Deduct	*-24.23*	
		For >100 To 200, Deduct	*-53.77*	
		For >200, Deduct	*-78.01*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	581.94	107.77
		For Up To 10, Add	*159.50*	
		For >10 To 20, Add	*90.53*	
		For >20 To 40, Add	*50.65*	
		For >75 To 100, Deduct	*-25.33*	
		For >100 To 200, Deduct	*-56.04*	
		For >200, Deduct	*-81.37*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	599.93	109.37
		For Up To 10, Add	*163.74*	
		For >10 To 20, Add	*92.81*	
		For >20 To 40, Add	*51.87*	
		For >75 To 100, Deduct	*-25.94*	
		For >100 To 200, Deduct	*-57.34*	
		For >200, Deduct	*-83.28*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*91.39*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	300.66	77.21
		For Up To 10, Add	*91.01*	
		For >10 To 20, Add	*53.23*	
		For >20 To 40, Add	*30.47*	
		For >75 To 100, Deduct	*-15.24*	
		For >100 To 200, Deduct	*-34.33*	
		For >200, Deduct	*-49.57*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*38.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.92*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	333.70	80.43
		For Up To 10, Add	*98.91*	
		For >10 To 20, Add	*57.50*	
		For >20 To 40, Add	*32.77*	
		For >75 To 100, Deduct	*-16.38*	
		For >100 To 200, Deduct	*-36.79*	
		For >200, Deduct	*-53.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*40.21*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.53*	
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	370.93	82.03
		For Up To 10, Add	*107.00*	
		For >10 To 20, Add	*61.70*	
		For >20 To 40, Add	*34.95*	
		For >75 To 100, Deduct	*-17.48*	
		For >100 To 200, Deduct	*-39.06*	
		For >200, Deduct	*-56.53*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*41.02*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.34*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	388.92	83.64
		For Up To 10, Add	*111.24*	
		For >10 To 20, Add	*63.98*	
		For >20 To 40, Add	*36.17*	
		For >75 To 100, Deduct	*-18.09*	
		For >100 To 200, Deduct	*-40.36*	
		For >200, Deduct	*-58.44*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*50.88*	
		For Mechanically Fastened To Concrete Decks, Add	*41.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.14*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	76.64	
		For Up To 10, Add	*20.48*	
		For >10 To 20, Add	*11.53*	
		For >20 To 40, Add	*6.41*	
		For >75 To 100, Deduct	*-3.20*	
		For >100 To 200, Deduct	*-7.05*	
		For >200, Deduct	*-10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	79.18	
		For Up To 10, Add	*20.98*	
		For >10 To 20, Add	*11.78*	
		For >20 To 40, Add	*6.53*	
		For >75 To 100, Deduct	*-3.27*	
		For >100 To 200, Deduct	*-7.18*	
		For >200, Deduct	*-10.44*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	79.50	10.94
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	110.93	12.22
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	141.43	13.51
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	179.15	13.51
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	32.62	7.46
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	8.59	1.93
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	10.52	2.90
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	11.47	1.93

07 54 19 00-0025 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19)*

07 54 19 00-0026 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)*

Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0027	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	616.28	102.94
		For Up To 10, Add	*164.43*	
		For >10 To 20, Add	*92.51*	
		For >20 To 40, Add	*51.40*	
		For >75 To 100, Deduct	*-25.70*	
		For >100 To 200, Deduct	*-56.55*	
		For >200, Deduct	*-82.25*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
07 54 19 00-0028	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	663.11	106.16
		For Up To 10, Add	*175.08*	
		For >10 To 20, Add	*98.16*	
		For >20 To 40, Add	*54.39*	
		For >75 To 100, Deduct	*-27.19*	
		For >100 To 200, Deduct	*-59.69*	
		For >200, Deduct	*-86.89*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
07 54 19 00-0029	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	709.27	107.77
		For Up To 10, Add	*184.96*	
		For >10 To 20, Add	*103.26*	
		For >20 To 40, Add	*57.02*	
		For >75 To 100, Deduct	*-28.51*	
		For >100 To 200, Deduct	*-62.41*	
		For >200, Deduct	*-90.91*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
07 54 19 00-0030	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	757.93	109.37
		For Up To 10, Add	*195.34*	
		For >10 To 20, Add	*108.61*	
		For >20 To 40, Add	*59.77*	
		For >75 To 100, Deduct	*-29.89*	
		For >100 To 200, Deduct	*-65.24*	
		For >200, Deduct	*-95.13*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0031	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	500.32	77.21
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*130.95*	
		For >10 To 20, Add	*73.19*	
		For >20 To 40, Add	*40.46*	
		For >75 To 100, Deduct	*-20.23*	
		For >100 To 200, Deduct	*-44.32*	
		For >200, Deduct	*-64.55*	
		For Mechanically Fastened To Concrete Decks, Add	*38.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.92*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
		For Mechanically Fastened With Sarnabar, Add	*45.98*	
07 54 19 00-0032	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	547.16	80.43
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*141.60*	
		For >10 To 20, Add	*78.84*	
		For >20 To 40, Add	*43.44*	
		For >75 To 100, Deduct	*-21.72*	
		For >100 To 200, Deduct	*-47.46*	
		For >200, Deduct	*-69.18*	
		For Mechanically Fastened To Concrete Decks, Add	*40.21*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.53*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
		For Mechanically Fastened With Sarnabar, Add	*45.98*	
07 54 19 00-0033	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	593.31	82.03
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*151.48*	
		For >10 To 20, Add	*83.94*	
		For >20 To 40, Add	*46.07*	
		For >75 To 100, Deduct	*-23.04*	
		For >100 To 200, Deduct	*-50.17*	
		For >200, Deduct	*-73.21*	
		For Mechanically Fastened To Concrete Decks, Add	*41.02*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.34*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
		For Mechanically Fastened With Sarnabar, Add	*45.98*	
07 54 19 00-0034	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	641.98	83.64
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*161.85*	
		For >10 To 20, Add	*89.29*	
		For >20 To 40, Add	*48.83*	
		For >75 To 100, Deduct	*-24.41*	
		For >100 To 200, Deduct	*-53.01*	
		For >200, Deduct	*-77.42*	
		For Mechanically Fastened To Concrete Decks, Add	*41.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.14*	
		For 15 Year Warranty, Add	*4.47*	
		For 20 Year Warranty, Add	*15.66*	
		For 25 Year Warranty, Add	*29.08*	
		For Integral Felt Backing, Add	*78.28*	
		For Mechanically Fastened With Sarnabar, Add	*45.98*	

07 54 19 00-0035 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)*

07 54 19 00-0036	LF	3/4" Wide Multi-Purpose Tape (Sika Sarnafil®)	1.41	
07 54 19 00-0037	LF	Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop)	6.27	1.84
		Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA	4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles)	6.56	1.61
07 54 19 00-0039	LF	8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	7.24	1.61
		Note: Includes aluminum tape.		
07 54 19 00-0040	LF	12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	7.24	1.61
		Note: Includes aluminum tape.		
07 54 19 00-0041	LF	Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet)	9.72	2.05
		Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459)	10.24	1.93
07 54 19 00-0043	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane)	12.15	2.90
07 54 19 00-0044	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad)	15.04	1.93
		Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
		For Colored PVC, Add	*1.62*	
07 54 19 00-0045	LF	39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V)	39.75	7.46
07 54 19 00-0046	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	108.83	10.94
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0047	EA	>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack) Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	111.40	12.22
07 54 19 00-0048	EA	>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack) Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	113.97	13.51
07 54 19 00-0049	EA	6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)	1,519.06	222.91
07 54 19 00-0050	EA	Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside)	30.98	
07 54 19 00-0051	EA	Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside)	30.98	
07 54 19 00-0052	SQ	9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid	75.81	
07 54 19 00-0053	SQ	11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid	119.85	
07 54 19 00-0054	SQ	10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid	65.83	
07 54 19 00-0055	SQ	32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering	187.82	
07 54 19 00-0056		Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) *(07 54 19 00-0025)*		
07 54 19 00-0057		Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0058		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*		
07 54 19 00-0059		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0058)*		
07 54 19 00-0060	LF	8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	25.84	3.69
07 54 19 00-0061		Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0058)*		
07 54 19 00-0062	EA	Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	163.08	13.66
07 54 19 00-0063	EA	Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	163.08	13.66
07 54 19 00-0064	EA	Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	200.01	13.66
07 54 19 00-0065	EA	Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	75.92	3.69
07 54 19 00-0066		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*		
07 54 19 00-0067		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0066)*		
07 54 19 00-0068	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	30.11	3.69
07 54 19 00-0069		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0066)*		
07 54 19 00-0070	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	171.61	13.66
07 54 19 00-0071	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	171.61	13.66
07 54 19 00-0072	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	217.06	13.66
07 54 19 00-0073	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	84.47	3.69
07 54 19 00-0074		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0075		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0074)*		
07 54 19 00-0076		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0077	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	26.83	3.69
07 54 19 00-0078		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0079	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	165.05	13.66
07 54 19 00-0080	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	165.05	13.66
07 54 19 00-0081	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	203.95	13.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0082	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	77.90	3.69

07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered	501.88	102.94
		Note: Includes adhesive.		
		For Up To 10, Add	*141.55*	
		For >10 To 20, Add	*81.07*	
		For >20 To 40, Add	*45.68*	
		For >75 To 100, Deduct	*-22.84*	
		For >100 To 200, Deduct	*-50.83*	
		For >200, Deduct	*-73.67*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*83.40*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered	525.04	104.55
		Note: Includes adhesive.		
		For Up To 10, Add	*146.83*	
		For >10 To 20, Add	*83.87*	
		For >20 To 40, Add	*47.16*	
		For >75 To 100, Deduct	*-23.58*	
		For >100 To 200, Deduct	*-52.39*	
		For >200, Deduct	*-75.97*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*83.40*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered	537.12	106.16
		Note: Includes adhesive.		
		For Up To 10, Add	*149.89*	
		For >10 To 20, Add	*85.56*	
		For >20 To 40, Add	*48.09*	
		For >75 To 100, Deduct	*-24.04*	
		For >100 To 200, Deduct	*-53.39*	
		For >200, Deduct	*-77.44*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*83.40*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered	691.62	109.37
		Note: Includes adhesive.		
		For Up To 10, Add	*182.07*	
		For >10 To 20, Add	*101.97*	
		For >20 To 40, Add	*56.46*	
		For >75 To 100, Deduct	*-28.23*	
		For >100 To 200, Deduct	*-61.92*	
		For >200, Deduct	*-90.15*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*83.40*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	334.08	77.21
		Note: Includes fasteners.		
		For Up To 10, Add	*97.70*	
		For >10 To 20, Add	*56.57*	
		For >20 To 40, Add	*32.15*	
		For >75 To 100, Deduct	*-16.07*	
		For >100 To 200, Deduct	*-36.01*	
		For >200, Deduct	*-52.08*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*38.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.92*	
07 54 23 00-0007	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened	357.23	78.81
		Note: Includes fasteners.		
		For Up To 10, Add	*102.97*	
		For >10 To 20, Add	*59.37*	
		For >20 To 40, Add	*33.62*	
		For >75 To 100, Deduct	*-16.81*	
		For >100 To 200, Deduct	*-37.57*	
		For >200, Deduct	*-54.38*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*39.41*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0008	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	369.32	80.43
		For Up To 10, Add	*106.03*	
		For >10 To 20, Add	*61.06*	
		For >20 To 40, Add	*34.55*	
		For >75 To 100, Deduct	*-17.28*	
		For >100 To 200, Deduct	*-38.57*	
		For >200, Deduct	*-55.85*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*40.21*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.53*	
07 54 23 00-0009	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	523.81	83.64
		For Up To 10, Add	*138.22*	
		For >10 To 20, Add	*77.47*	
		For >20 To 40, Add	*42.92*	
		For >75 To 100, Deduct	*-21.46*	
		For >100 To 200, Deduct	*-47.10*	
		For >200, Deduct	*-68.56*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*41.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*43.14*	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	90.64	
		For Up To 10, Add	*23.28*	
		For >10 To 20, Add	*12.93*	
		For >20 To 40, Add	*7.11*	
		For >75 To 100, Deduct	*-3.55*	
		For >100 To 200, Deduct	*-7.75*	
		For >200, Deduct	*-11.30*	
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For Thermoplastic Polyolefin (TPO) Roofing, Price Per Coat Note: 55% solids by volume.	79.18	
		For Up To 10, Add	*20.98*	
		For >10 To 20, Add	*11.78*	
		For >20 To 40, Add	*6.53*	
		For >75 To 100, Deduct	*-3.27*	
		For >100 To 200, Deduct	*-7.18*	
		For >200, Deduct	*-10.44*	
		For Tan Or Gray Color, Add	*2.67*	
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.80	10.94
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	74.35	12.22
07 54 23 00-0015	EA	6" Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	134.62	13.51
07 54 23 00-0016	LF	30" Wide, Thermoplastic Polyolefin (TPO) Walkway Protection Pad	32.23	7.46
07 54 23 00-0017	SF	Thermoplastic Polyolefin (TPO) Membrane Base Flashing	8.96	1.93
07 54 23 00-0018	SF	Thermoplastic Polyolefin (TPO) Curb Flashing	7.99	1.93
		For Tan Or Gray Color, Add	*0.11*	
07 54 23 00-0019	SF	Thermoplastic Polyolefin (TPO) Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	12.94	1.93

07 55 Protected Membrane Roofing *(07 50)*

07 55 52 Modified Bituminous Protected Membrane Roofing *(07 55)*

07 55 52 13 Atactic-Polypropylene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 13 00-0000 for atactic-polypropylene modified bituminous membrane roofing.

07 55 52 16 Styrene-Butadiene-Styrene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 16 00-0000 for styrene-butadiene-styrene modified bituminous membrane roofing.

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	1,173.76	171.36
		For Each Additional Coat, Add	*176.06*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	1,088.64	180.59
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,218.85	201.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 56 00 00-0006		**Silicone Elastomeric Liquid Roofing** *(07 56)*		
07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	477.46	103.48
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	577.76	103.48
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	653.18	103.48
07 56 00 00-0010		**Rubberized Acrylic Elastomeric Roof Coating, Sprayed On** *(07 56)* Note: As manufactured by Tru-Co, Inc.		
07 56 00 00-0011		**Rubberized Acrylic Elastomeric Roof Coating, Sprayed On Assemblies** *(07 56 00 00-0010)*		
07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam	1,081.10	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks	1,109.72	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing	445.62	
07 56 00 00-0015	SQ	Elastomeric Installation Over Existing Tar (Asphalt) And Gravel Roof	1,416.55	
07 56 00 00-0016	SQ	Elastomeric Installation Over New Construction, Waterproofing	789.12	
07 56 00 00-0017	SQ	Elastomeric Installation Over Mobile Home	521.43	
07 56 00 00-0018	SQ	Elastomeric Installation Over Corrugated Metal Roofs	610.87	
07 56 00 00-0019	SQ	Elastomeric Installation Over Granulate Mineral Surface, Cap Sheet (Semi-Smooth) Surface	1,170.54	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges)	4.15	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges)	5.89	
07 56 00 00-0022		**Polyurethane Roof Coating, Sprayed On Assemblies** *(07 56)* Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating	12.24	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating	11.68	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating	11.13	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating	10.43	
07 56 00 00-0027		**Elastomeric Asphalt/Urethane Liquid Roofing Membrane** *(07 56)*		
07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	2,016.71	103.48
07 56 00 00-0029		**Urethane Liquid Roofing Membrane** *(07 56)* Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	101.76	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	6.03	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	387.64	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	100.91	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	952.21	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,437.10	
07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	985.01	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	256.20	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001		**Sprayed Polyurethane Foam Roofing Systems** *(07 57 13)*		
07 57 13 00-0002		**Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating** *(07 57 13 00-0001)*		
07 57 13 00-0003		**Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating** *(07 57 13 00-0002)* Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	426.82	63.74
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	512.09	68.29
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	597.37	72.85
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	691.14	77.40
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	784.89	81.95
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	861.69	86.50
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	938.50	91.06
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,023.78	95.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,109.06	100.16
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,194.34	104.72
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,279.61	109.26

07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	440.01	63.74
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	525.29	68.29
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	610.57	72.85
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	695.85	77.40
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	781.12	81.95
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	866.41	86.50
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	951.70	91.06
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,036.97	95.60
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,122.25	100.16
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,207.54	104.72
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,292.81	109.26

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	472.06	63.74
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	554.50	68.29
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	636.96	72.85
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	722.24	77.40
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	807.51	81.95
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	928.04	86.50
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,048.58	91.06
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,141.01	95.60
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,233.46	100.16
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,325.90	104.72
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,418.34	109.26

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	481.48	63.74
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	573.91	68.29
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	666.36	72.85
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	758.80	77.40
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	851.24	81.95
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	943.68	86.50
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,036.14	91.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,128.57	95.60
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,221.02	100.16
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,313.46	104.72
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,405.90	109.26

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	500.14	63.74
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	592.57	68.29
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	685.02	72.85
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	777.46	77.40
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	869.90	81.95
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	962.34	86.50
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,054.80	91.06
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,147.23	95.60
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,239.68	100.16
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,332.12	104.72
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,424.56	109.26

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 Lb. density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	514.65	63.74
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	607.09	68.29
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	699.53	72.85
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	791.98	77.40
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	884.41	81.95
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	976.85	86.50
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,069.31	91.06
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,161.74	95.60
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,254.19	100.16
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,346.63	104.72
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,439.07	109.26

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 Lb., Asphalt Saturated Organic Felt Roll Roofing	288.33	40.85

07 59 Membrane Roofing Termination Bar *(07 50)*

07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	5.60	1.84

07 60 Flashing and Sheet Metal *(07)*

07 61 Sheet Metal Roofing *(07 60)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13		**Standing Seam Sheet Metal Roofing** *(07 61)*		
07 61 13 00-0001		Standing Seam Concealed Fastener Roofing *(07 61 13)*		
07 61 13 00-0002		Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*		
07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	35.34	3.69
		For Steep Roof, Over 6 To 12, Add	*2.21*	
		For 140 MPH Wind Load, Add	*1.30*	
		For Up To 1,500, Add	*8.84*	
		For Panels < 16" Wide, Add	*3.13*	
		For Up To 5000, Add	*3.53*	
		For > 5000 To 10000, Add	*0.88*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	38.68	4.00
		For Steep Roof, Over 6 To 12, Add	*2.40*	
		For Panels <16" Wide, Add	*3.41*	
		For 140 MPH Wind Load, Add	*1.41*	
		For Up To 1,500, Add	*9.67*	
		For >1,500 To 5,000, Add	*5.80*	
		For >5,000 To 10,000, Add	*0.97*	
		For Panels < 16" Wide, Add	*3.41*	
		For Up To 5000, Add	*3.87*	
		For > 5000 To 10000, Add	*0.97*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	45.55	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For 140 MPH Wind Load, Add	*1.61*	
		For Up To 1,500, Add	*11.39*	
		For Panels < 16" Wide, Add	*3.89*	
		For Up To 5000, Add	*4.56*	
		For > 5000 To 10000, Add	*1.14*	
07 61 13 00-0006		Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*		
07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	41.27	4.00
		For Steep Roof, Over 6 To 12, Add	*2.40*	
		For Panels <16" Wide, Add	*3.54*	
		For 140 MPH Wind Load, Add	*1.46*	
		For Up To 1,500, Add	*10.32*	
		For >1,500 To 5,000, Add	*6.19*	
		For >5,000 To 10,000, Add	*1.03*	
		For Tin/Copper, Deduct	*-0.67*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	49.94	4.17
		For Steep Roof, Over 6 To 12, Add	*2.50*	
		For Panels <16" Wide, Add	*4.04*	
		For 140 MPH Wind Load, Add	*1.67*	
		For Up To 1,500, Add	*12.49*	
		For >1,500 To 5,000, Add	*7.49*	
		For >5,000 To 10,000, Add	*1.25*	
		For Tin/Copper, Deduct	*-0.83*	
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	56.73	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For Panels <16" Wide, Add	*4.45*	
		For 140 MPH Wind Load, Add	*1.83*	
		For Up To 1,500, Add	*14.18*	
		For >1,500 To 5,000, Add	*8.51*	
		For >5,000 To 10,000, Add	*1.42*	
		For Tin/Copper, Deduct	*-0.96*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	71.06	4.57
		For Steep Roof, Over 6 To 12, Add	*2.74*	
		For Panels <16" Wide, Add	*5.24*	
		For 140 MPH Wind Load, Add	*2.15*	
		For Up To 1,500, Add	*17.77*	
		For >1,500 To 5,000, Add	*10.66*	
		For >5,000 To 10,000, Add	*1.78*	
		For Tin/Copper, Deduct	*-1.24*	
07 61 13 00-0011		Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*		
07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	147.84	7.63
		For Steep Roof, Over 6 To 12, Add	*5.72*	
		For 140 MPH Wind Load, Add	*4.48*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	85.48	7.63
		For Steep Roof, Over 6 To 12, Add	*5.72*	
		For 140 MPH Wind Load, Add	*3.24*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	206.81	7.63
		For Steep Roof, Over 6 To 12, Add	*5.72*	
		For 140 MPH Wind Load, Add	*5.66*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	152.50	7.63
		For Steep Roof, Over 6 To 12, Add	*5.72*	
		For 140 MPH Wind Load, Add	*4.58*	
07 61 16		**Batten Seam Sheet Metal Roofing** *(07 61)*		
07 61 16 00-0001		Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*		
07 61 16 00-0002		Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	43.50	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For Panels <16" Wide, Add	*3.79*	
		For 140 MPH Wind Load, Add	*1.57*	
		For Up To 1,500, Add	*10.88*	
		For >1,500 To 5,000, Add	*6.53*	
		For >5,000 To 10,000, Add	*1.09*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	48.03	4.58
		For Steep Roof, Over 6 To 12, Add	*2.75*	
		For Panels <16" Wide, Add	*4.10*	
		For 140 MPH Wind Load, Add	*1.69*	
		For Up To 1,500, Add	*12.01*	
		For >1,500 To 5,000, Add	*7.20*	
		For >5,000 To 10,000, Add	*1.20*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	55.96	4.80
		For Steep Roof, Over 6 To 12, Add	*2.88*	
		For Panels <16" Wide, Add	*4.57*	
		For 140 MPH Wind Load, Add	*1.89*	
		For Up To 1,500, Add	*13.99*	
		For >1,500 To 5,000, Add	*8.39*	
		For >5,000 To 10,000, Add	*1.40*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	44.13	4.00
		For Steep Roof, Over 6 To 12, Add	*2.40*	
		For Panels <16" Wide, Add	*3.68*	
		For 140 MPH Wind Load, Add	*1.52*	
		For Up To 1,500, Add	*11.03*	
		For >1,500 To 5,000, Add	*6.62*	
		For >5,000 To 10,000, Add	*1.10*	
		For Tin/Copper, Deduct	*-0.72*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	54.03	4.17
		For Steep Roof, Over 6 To 12, Add	*2.50*	
		For Panels <16" Wide, Add	*4.24*	
		For 140 MPH Wind Load, Add	*1.75*	
		For Up To 1,500, Add	*13.51*	
		For >1,500 To 5,000, Add	*8.10*	
		For >5,000 To 10,000, Add	*1.35*	
		For Tin/Copper, Deduct	*-0.91*	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	60.55	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For Panels <16" Wide, Add	*4.64*	
		For 140 MPH Wind Load, Add	*1.91*	
		For Up To 1,500, Add	*15.14*	
		For >1,500 To 5,000, Add	*9.08*	
		For >5,000 To 10,000, Add	*1.51*	
		For Tin/Copper, Deduct	*-1.04*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	75.97	4.57
		For Steep Roof, Over 6 To 12, Add	*2.74*	
		For Panels <16" Wide, Add	*5.49*	
		For 140 MPH Wind Load, Add	*2.25*	
		For Up To 1,500, Add	*18.99*	
		For >1,500 To 5,000, Add	*11.40*	
		For >5,000 To 10,000, Add	*1.90*	
		For Tin/Copper, Deduct	*-1.34*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	33.63	4.00
		For Steep Roof, Over 6 To 12, Add	*2.40*	
		For Panels <16" Wide, Add	*3.16*	
		For 140 MPH Wind Load, Add	*1.31*	
		For Up To 1,500, Add	*8.41*	
		For >1,500 To 5,000, Add	*5.04*	
		For >5,000 To 10,000, Add	*0.84*	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	36.98	4.17
		For Steep Roof, Over 6 To 12, Add	*2.50*	
		For Panels <16" Wide, Add	*3.39*	
		For 140 MPH Wind Load, Add	*1.41*	
		For Up To 1,500, Add	*9.25*	
		For >1,500 To 5,000, Add	*5.55*	
		For >5,000 To 10,000, Add	*0.92*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	42.82	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For Panels <16" Wide, Add	*3.75*	
		For 140 MPH Wind Load, Add	*1.55*	
		For Up To 1,500, Add	*10.71*	
		For >1,500 To 5,000, Add	*6.42*	
		For >5,000 To 10,000, Add	*1.07*	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	38.68	4.00
		For Steep Roof, Over 6 To 12, Add	*2.40*	
		For Panels <16" Wide, Add	*3.41*	
		For 140 MPH Wind Load, Add	*1.41*	
		For Up To 1,500, Add	*9.67*	
		For >1,500 To 5,000, Add	*5.80*	
		For >5,000 To 10,000, Add	*0.97*	
		For Tin/Copper, Deduct	*-0.61*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	47.21	4.17
		For Steep Roof, Over 6 To 12, Add	*2.50*	
		For Panels <16" Wide, Add	*3.90*	
		For 140 MPH Wind Load, Add	*1.61*	
		For Up To 1,500, Add	*11.80*	
		For >1,500 To 5,000, Add	*7.08*	
		For >5,000 To 10,000, Add	*1.18*	
		For Tin/Copper, Deduct	*-0.78*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	53.05	4.37
		For Steep Roof, Over 6 To 12, Add	*2.62*	
		For Panels <16" Wide, Add	*4.27*	
		For 140 MPH Wind Load, Add	*1.76*	
		For Up To 1,500, Add	*13.26*	
		For >1,500 To 5,000, Add	*7.96*	
		For >5,000 To 10,000, Add	*1.33*	
		For Tin/Copper, Deduct	*-0.89*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	66.42	4.57
		For Steep Roof, Over 6 To 12, Add	*2.74*	
		For Panels <16" Wide, Add	*5.01*	
		For 140 MPH Wind Load, Add	*2.06*	
		For Up To 1,500, Add	*16.61*	
		For >1,500 To 5,000, Add	*9.96*	
		For >5,000 To 10,000, Add	*1.66*	
		For Tin/Copper, Deduct	*-1.15*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

07 62 13 00-0002	SF	2.5 Lb./SF, Sheet Lead Flashing	24.61	5.98
		For Up To 100, Add	*6.15*	
07 62 13 00-0003	SF	4 Lb./SF, Sheet Lead Flashing	32.14	5.98
		For Up To 100, Add	*8.04*	

07 62 13 00-0004 Copper Flashing And Trim *(07 62 13)*

07 62 13 00-0005 Copper Flashing And Trim *(07 62 13 00-0004)*

07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	29.13	5.85
		For Up To 100, Add	*7.28*	
		For >500 To 2,000, Deduct	*-4.02*	
		For >2,000, Deduct	*-4.90*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.31*	
		For Wrap Around Window Panning, Add	*11.57*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	30.09	5.98
		For Up To 100, Add	*7.52*	
		For >500 To 2,000, Deduct	*-4.15*	
		For >2,000, Deduct	*-5.05*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.42*	
		For Wrap Around Window Panning, Add	*12.10*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	34.26	6.39
		For Up To 100, Add	*8.57*	
		For >500 To 2,000, Deduct	*-4.71*	
		For >2,000, Deduct	*-5.79*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.53*	
		For Wrap Around Window Panning, Add	*12.67*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	42.10	6.65
		For Up To 100, Add	*10.53*	
		For >500 To 2,000, Deduct	*-5.74*	
		For >2,000, Deduct	*-7.18*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.66*	
		For Wrap Around Window Panning, Add	*13.31*	

07 62 13 00-0010 Stainless Steel Flashing And Trim *(07 62 13)*

07 62 13 00-0011 Stainless Steel Flashing And Trim *(07 62 13 00-0010)*

07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	11.38	3.20
		For Up To 100, Add	*2.85*	
		For Wrap Around Window Panning, Add	*8.21*	
		For Mechanically Keyed Flashing, Add	*1.27*	
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	12.30	3.59
		For Up To 100, Add	*3.08*	
		For Wrap Around Window Panning, Add	*8.34*	
		For Mechanically Keyed Flashing, Add	*1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	13.24	4.00
		For Up To 100, Add	*3.31*	
		For Wrap Around Window Panning, Add	*8.49*	
		For Mechanically Keyed Flashing, Add	*1.90*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	14.70	4.39
		For Up To 100, Add	*3.68*	
		For Wrap Around Window Panning, Add	*8.76*	
		For Mechanically Keyed Flashing, Add	*2.38*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	17.15	4.66
		For Up To 100, Add	*4.29*	
		For Wrap Around Window Panning, Add	*9.24*	
		For Mechanically Keyed Flashing, Add	*3.16*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	18.71	4.89
		For Up To 100, Add	*4.68*	
		For Wrap Around Window Panning, Add	*9.78*	
		For Mechanically Keyed Flashing, Add	*3.57*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	20.03	5.19
		For Up To 100, Add	*5.01*	
		For Wrap Around Window Panning, Add	*10.35*	
		For Mechanically Keyed Flashing, Add	*3.87*	

07 62 13 00-0019 Aluminum Flashing And Trim *(07 62 13)*

07 62 13 00-0020 Aluminum Flashing And Trim *(07 62 13 00-0019)*

07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	13.48	4.13
		For Up To 100, Add	*3.37*	
		For Baked Aluminum Colors, Add	*0.43*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	14.41	4.13
		For Up To 100, Add	*3.60*	
		For Baked Aluminum Colors, Add	*0.52*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	15.16	4.13
		For Up To 100, Add	*3.79*	
		For Baked Aluminum Colors, Add	*0.60*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	16.23	4.13
		For Up To 100, Add	*4.06*	
		For Baked Aluminum Colors, Add	*0.71*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	17.73	4.13
		For Up To 100, Add	*4.43*	
		For Baked Aluminum Colors, Add	*0.86*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	18.65	4.13
		For Up To 100, Add	*4.66*	
		For Baked Aluminum Colors, Add	*0.95*	
		For Wrap Around Window Panning, Add	*9.18*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	19.40	4.13
		For Up To 100, Add	*4.85*	
		For Baked Aluminum Colors, Add	*1.02*	
		For Wrap Around Window Panning, Add	*9.18*	

07 62 13 00-0028 Steel Flashing And Trim *(07 62 13)*

07 62 13 00-0029 Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*

07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	13.18	4.00
		For Up To 100, Add	*3.30*	
		For Wrap Around Window Panning, Add	*8.49*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	13.70	4.39
		For Up To 100, Add	*3.43*	
		For Wrap Around Window Panning, Add	*8.76*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	14.58	4.66
		For Up To 100, Add	*3.65*	
		For Wrap Around Window Panning, Add	*9.24*	
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	15.50	4.89
		For Up To 100, Add	*3.88*	
		For Wrap Around Window Panning, Add	*9.78*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	16.75	5.19
		For Up To 100, Add	*4.19*	
		For Wrap Around Window Panning, Add	*10.35*	

07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001 Drip Edge *(07 62 19)*

07 62 19 00-0002 Aluminum Drip Edge *(07 62 19 00-0001)*
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

07 62 19 00-0003 KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*

07 62 19 00-0004 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*

07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.05	2.05
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.43	2.19
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.67	2.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.58	2.59
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.00	2.73
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.00	2.05
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.49	2.19
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.25	2.46
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.47	2.59
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.79	2.73
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.94	2.05
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.75	2.19
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.77	2.46
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.37	2.59
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	34.32	2.73
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.84	2.05
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.28	2.19
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.78	2.46
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.16	2.59
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	39.38	2.73
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.47	2.05
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.23	2.19
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.78	2.46
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.43	2.59
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	41.06	2.73
07 62 19 00-0034		0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.68	2.05
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.07	2.19
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.25	2.46
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.85	2.59
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	46.96	2.73
07 62 19 00-0040		0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.84	2.05
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.28	2.19
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.26	2.46
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	43.17	2.59
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	55.38	2.73
07 62 19 00-0046		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.64	2.05
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.34	2.19
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	41.26	2.46
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.75	2.59
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	65.49	2.73
07 62 19 00-0052		Mill Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0053		0.016" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	11.60	2.05
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	14.10	2.19
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	15.81	2.46
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	18.68	2.59
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	23.24	2.73
07 62 19 00-0059		0.019" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	12.25	2.05
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	14.83	2.19
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	16.90	2.46
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	19.98	2.59
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	24.47	2.73
07 62 19 00-0065		0.025" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	12.91	2.05
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	15.70	2.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	17.95	2.46
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	21.29	2.59
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	26.21	2.73
07 62 19 00-0071		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	14.21	2.05
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	17.44	2.19
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	20.02	2.46
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	23.90	2.59
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	29.70	2.73
07 62 19 00-0077		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	14.65	2.05
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	18.09	2.19
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	20.71	2.46
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	24.78	2.59
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	30.86	2.73
07 62 19 00-0083		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	16.17	2.05
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	20.05	2.19
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	23.11	2.46
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	27.83	2.59
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	34.93	2.73
07 62 19 00-0089		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	18.35	2.05
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	22.96	2.19
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	26.56	2.46
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	32.19	2.59
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	40.74	2.73
07 62 19 00-0095		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	20.97	2.05
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	26.45	2.19
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	30.70	2.46
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	37.42	2.59
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	47.71	2.73
07 62 19 00-0101		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0102		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.52	2.05
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.08	2.19
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.41	2.46
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.53	2.59
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.31	2.73
07 62 19 00-0108		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.53	2.05
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.19	2.19
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.09	2.46
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.54	2.59
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.21	2.73
07 62 19 00-0114		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.53	2.05
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.53	2.19
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.71	2.46
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.54	2.59
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	35.89	2.73
07 62 19 00-0120		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.54	2.05
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.21	2.19
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.89	2.46
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	32.56	2.59
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	41.25	2.73
07 62 19 00-0126		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.21	2.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.22	2.19
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.95	2.46
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.90	2.59
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	43.03	2.73
07 62 19 00-0132		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.56	2.05
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.23	2.19
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.63	2.46
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.59	2.59
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	49.28	2.73
07 62 19 00-0138		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.91	2.05
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.70	2.19
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	36.94	2.46
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	45.29	2.59
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	58.21	2.73
07 62 19 00-0144		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.92	2.05
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	37.06	2.19
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	43.30	2.46
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	53.33	2.59
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	68.93	2.73
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	13.41	2.05
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	16.44	2.19
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	18.76	2.46
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	22.31	2.59
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	27.57	2.73
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	14.51	2.05
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	17.90	2.19
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	20.48	2.46
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	24.50	2.59
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	30.46	2.73
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.68	2.05
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.82	2.19
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	23.94	2.46
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	28.84	2.59
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	36.29	2.73
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.26	2.05
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	22.94	2.19
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.44	2.46
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	32.00	2.59
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	40.50	2.73
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	22.71	2.05
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	28.78	2.19
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	33.47	2.46
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	40.91	2.59
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	52.37	2.73
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	27.93	2.05
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	35.73	2.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	41.75	2.46
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	51.34	2.59
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	66.28	2.73
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	34.07	2.05
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	43.91	2.19
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	51.46	2.46
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	63.61	2.59
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	82.64	2.73

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001 Pitch Pockets *(07 63)*
Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	97.73
		For Pourable Sealer Filled, Add	*40.59*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	117.94
		For Pourable Sealer Filled, Add	*91.38*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	143.72
		For Pourable Sealer Filled, Add	*162.37*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	157.81
		For Pourable Sealer Filled, Add	*202.96*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	171.14
		For Pourable Sealer Filled, Add	*243.55*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	201.18
		For Pourable Sealer Filled, Add	*365.33*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.97
		For Pourable Sealer Filled, Add	*40.59*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	122.64
		For Pourable Sealer Filled, Add	*91.38*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	149.74
		For Pourable Sealer Filled, Add	*162.37*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	166.92
		For Pourable Sealer Filled, Add	*202.96*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	180.13
		For Pourable Sealer Filled, Add	*243.55*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	210.91
		For Pourable Sealer Filled, Add	*365.33*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*

07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	108.12
		For Pourable Sealer Filled, Add	*40.59*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	129.01
		For Pourable Sealer Filled, Add	*91.38*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	150.34
		For Pourable Sealer Filled, Add	*162.37*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	163.47
		For Pourable Sealer Filled, Add	*202.96*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	175.62
		For Pourable Sealer Filled, Add	*243.55*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	203.31
		For Pourable Sealer Filled, Add	*365.33*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*
Note: Includes removing existing filler and refilling with non-shrink grout.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	89.41	
		For Pourable Sealer Filled, Add	*40.59*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	101.71	
		For Pourable Sealer Filled, Add	*91.38*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	117.98	
		For Pourable Sealer Filled, Add	*162.37*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	128.41	
		For Pourable Sealer Filled, Add	*202.96*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	138.84	
		For Pourable Sealer Filled, Add	*243.55*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	164.68	
		For Pourable Sealer Filled, Add	*365.33*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*	

07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3/4" Diameter Pipe	98.47	31.82
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 1" Diameter Pipe	98.47	31.82
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 2" Diameter Pipe	117.98	31.82
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3" Diameter Pipe	129.13	31.82
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3-1/2" Diameter Pipe	134.71	31.82
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 4" Diameter Pipe	137.50	31.82
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 6" Diameter Pipe	165.37	31.82
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 8" Diameter Pipe	177.92	31.82

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*

07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	84.14	20.57
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	85.41	20.57
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	89.98	20.57
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	93.92	20.57

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	16.23	2.58

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Thick *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	11.15	3.68
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	14.59	3.95
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	18.43	4.35
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	22.49	4.91

07 65 33 Flexible Roof Boot *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	48.38	11.30
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	56.45	12.66
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	62.35	13.62

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	36.00	2.95
		For Up To 25 LF, Add	*5.57*	
		For >25 To 100 LF, Add	*2.78*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	37.99	3.20
		For Up To 25 LF, Add	*5.93*	
		For >25 To 100 LF, Add	*2.96*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	43.25	3.36
		For Up To 25 LF, Add	*6.57*	
		For >25 To 100 LF, Add	*3.28*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	50.19	3.69
		For Up To 25 LF, Add	*7.48*	
		For >25 To 100 LF, Add	*3.74*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	60.48	3.85
		For Up To 25 LF, Add	*8.62*	
		For >25 To 100 LF, Add	*4.31*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0008 Aluminum Copings *(07 71 13)*

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.75	2.95
		For Up To 25 LF, Add	*4.84*	
		For >25 To 100 LF, Add	*2.42*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	30.69	3.20
		For Up To 25 LF, Add	*5.20*	
		For >25 To 100 LF, Add	*2.60*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.68	3.36
		For Up To 25 LF, Add	*5.81*	
		For >25 To 100 LF, Add	*2.90*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.51	3.69
		For Up To 25 LF, Add	*6.71*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.62	3.85
		For Up To 25 LF, Add	*7.83*	
		For >25 To 100 LF, Add	*3.92*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.13	2.95
		For Up To 25 LF, Add	*5.08*	
		For >25 To 100 LF, Add	*2.54*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.23	3.20
		For Up To 25 LF, Add	*5.45*	
		For >25 To 100 LF, Add	*2.73*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	38.69	3.36
		For Up To 25 LF, Add	*6.11*	
		For >25 To 100 LF, Add	*3.05*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	46.15	3.69
		For Up To 25 LF, Add	*7.08*	
		For >25 To 100 LF, Add	*3.54*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	57.23	3.85
		For Up To 25 LF, Add	*8.29*	
		For >25 To 100 LF, Add	*4.15*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.09	2.95
		For Up To 25 LF, Add	*5.28*	
		For >25 To 100 LF, Add	*2.64*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.49	3.20
		For Up To 25 LF, Add	*5.68*	
		For >25 To 100 LF, Add	*2.84*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.43	3.36
		For Up To 25 LF, Add	*6.48*	
		For >25 To 100 LF, Add	*3.24*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.85	3.69
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.87*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	68.08	3.85
		For Up To 25 LF, Add	*9.38*	
		For >25 To 100 LF, Add	*4.69*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0029 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*

07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.47	2.95
		For Up To 25 LF, Add	*5.92*	
		For >25 To 100 LF, Add	*2.96*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.11	3.20
		For Up To 25 LF, Add	*6.34*	
		For >25 To 100 LF, Add	*3.17*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	49.22	3.36
		For Up To 25 LF, Add	*7.16*	
		For >25 To 100 LF, Add	*3.58*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	58.88	3.69
		For Up To 25 LF, Add	*8.35*	
		For >25 To 100 LF, Add	*4.17*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	73.40	3.85
		For Up To 25 LF, Add	*9.91*	
		For >25 To 100 LF, Add	*4.95*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0035 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*

07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.92	2.95
		For Up To 25 LF, Add	*6.26*	
		For >25 To 100 LF, Add	*3.13*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.79	3.20
		For Up To 25 LF, Add	*6.71*	
		For >25 To 100 LF, Add	*3.35*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	53.58	3.36
		For Up To 25 LF, Add	*7.60*	
		For >25 To 100 LF, Add	*3.80*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	64.15	3.69
		For Up To 25 LF, Add	*8.88*	
		For >25 To 100 LF, Add	*4.44*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	80.10	3.85
		For Up To 25 LF, Add	*10.58*	
		For >25 To 100 LF, Add	*5.29*	
		For >1,000 LF, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.76	2.95
		For Up To 25 LF, Add	*6.54*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	49.07	3.20
		For Up To 25 LF, Add	*7.04*	
		For >25 To 100 LF, Add	*3.52*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	59.00	3.36
		For Up To 25 LF, Add	*8.14*	
		For >25 To 100 LF, Add	*4.07*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	73.87	3.69
		For Up To 25 LF, Add	*9.85*	
		For >25 To 100 LF, Add	*4.92*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	95.83	3.85
		For Up To 25 LF, Add	*12.15*	
		For >25 To 100 LF, Add	*6.08*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.54	2.95
		For Up To 25 LF, Add	*6.12*	
		For >25 To 100 LF, Add	*3.06*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.32	3.20
		For Up To 25 LF, Add	*6.56*	
		For >25 To 100 LF, Add	*3.28*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.83	3.36
		For Up To 25 LF, Add	*7.42*	
		For >25 To 100 LF, Add	*3.71*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	62.04	3.69
		For Up To 25 LF, Add	*8.66*	
		For >25 To 100 LF, Add	*4.33*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	77.42	3.85
		For Up To 25 LF, Add	*10.31*	
		For >25 To 100 LF, Add	*5.16*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.20	2.95
		For Up To 25 LF, Add	*6.49*	
		For >25 To 100 LF, Add	*3.24*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.22	3.20
		For Up To 25 LF, Add	*6.95*	
		For >25 To 100 LF, Add	*3.48*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	56.46	3.36
		For Up To 25 LF, Add	*7.89*	
		For >25 To 100 LF, Add	*3.94*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	67.63	3.69
		For Up To 25 LF, Add	*9.22*	
		For >25 To 100 LF, Add	*4.61*	
		For >1,000 LF, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	84.52	3.85
		For Up To 25 LF, Add	*11.02*	
		For >25 To 100 LF, Add	*5.51*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 13 00-0060 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.21	2.95
		For Up To 25 LF, Add	*6.79*	
		For >25 To 100 LF, Add	*3.39*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.70	3.20
		For Up To 25 LF, Add	*7.30*	
		For >25 To 100 LF, Add	*3.65*	
		For >1,000 LF, Deduct	*-0.53*	
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	62.20	3.36
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.56*	
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	77.93	3.69
		For Up To 25 LF, Add	*10.25*	
		For >25 To 100 LF, Add	*5.13*	
		For >1,000 LF, Deduct	*-0.62*	
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	101.19	3.85
		For Up To 25 LF, Add	*12.69*	
		For >25 To 100 LF, Add	*6.34*	
		For >1,000 LF, Deduct	*-0.64*	

07 71 19 Manufactured Gravel Stops and Fasciae *(07 71)*

07 71 19 00-0001 Gravel Stop *(07 71 19)*

07 71 19 00-0002 Aluminum Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0003 Aluminum Gravel Stop *(07 71 19 00-0002)*

07 71 19 00-0004 KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0005 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.42	2.32
		For Up To 25 LF, Add	*6.97*	
		For >25 To 100 LF, Add	*3.49*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.93	2.73
		For Up To 25 LF, Add	*7.62*	
		For >25 To 100 LF, Add	*3.81*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.49	3.00
		For Up To 25 LF, Add	*8.21*	
		For >25 To 100 LF, Add	*4.10*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.04	2.32
		For Up To 25 LF, Add	*7.24*	
		For >25 To 100 LF, Add	*3.62*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.67	2.73
		For Up To 25 LF, Add	*7.89*	
		For >25 To 100 LF, Add	*3.95*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.37	3.00
		For Up To 25 LF, Add	*8.50*	
		For >25 To 100 LF, Add	*4.25*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0013 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.45	2.32
		For Up To 25 LF, Add	*7.58*	
		For >25 To 100 LF, Add	*3.79*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.93	2.73
		For Up To 25 LF, Add	*8.22*	
		For >25 To 100 LF, Add	*4.11*	
		For >1,000 LF, Deduct	*-0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.00	3.00
		For Up To 25 LF, Add	*8.86*	
		For >25 To 100 LF, Add	*4.43*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0017 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.77	2.32
		For Up To 25 LF, Add	*7.81*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.34	2.73
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	54.55	3.00
		For Up To 25 LF, Add	*9.12*	
		For >25 To 100 LF, Add	*4.56*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0022 0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.89	2.32
		For Up To 25 LF, Add	*5.52*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	30.14	2.73
		For Up To 25 LF, Add	*6.24*	
		For >25 To 100 LF, Add	*3.12*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	32.39	3.00
		For Up To 25 LF, Add	*6.90*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0026 0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.07	2.32
		For Up To 25 LF, Add	*5.74*	
		For >25 To 100 LF, Add	*2.87*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	32.03	2.73
		For Up To 25 LF, Add	*6.43*	
		For >25 To 100 LF, Add	*3.21*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	33.85	3.00
		For Up To 25 LF, Add	*7.05*	
		For >25 To 100 LF, Add	*3.52*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0030 0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.25	2.32
		For Up To 25 LF, Add	*5.96*	
		For >25 To 100 LF, Add	*2.98*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	34.21	2.73
		For Up To 25 LF, Add	*6.65*	
		For >25 To 100 LF, Add	*3.32*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	36.21	3.00
		For Up To 25 LF, Add	*7.28*	
		For >25 To 100 LF, Add	*3.64*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0034 0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.61	2.32
		For Up To 25 LF, Add	*6.19*	
		For >25 To 100 LF, Add	*3.10*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	36.39	2.73
		For Up To 25 LF, Add	*6.86*	
		For >25 To 100 LF, Add	*3.43*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	37.96	3.00
		For Up To 25 LF, Add	*7.46*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0038 Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0039 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.48	2.32
		For Up To 25 LF, Add	*7.78*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.34	2.73
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.02	3.00
		For Up To 25 LF, Add	*9.06*	
		For >25 To 100 LF, Add	*4.53*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0043 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.62	2.32
		For Up To 25 LF, Add	*8.09*	
		For >25 To 100 LF, Add	*4.05*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.62	2.73
		For Up To 25 LF, Add	*8.79*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.45	3.00
		For Up To 25 LF, Add	*9.41*	
		For >25 To 100 LF, Add	*4.70*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0047 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.72	2.32
		For Up To 25 LF, Add	*8.50*	
		For >25 To 100 LF, Add	*4.25*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	59.54	2.73
		For Up To 25 LF, Add	*9.18*	
		For >25 To 100 LF, Add	*4.59*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	61.08	3.00
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.88*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0051 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.50	2.32
		For Up To 25 LF, Add	*8.78*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	62.43	2.73
		For Up To 25 LF, Add	*9.47*	
		For >25 To 100 LF, Add	*4.73*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	64.08	3.00
		For Up To 25 LF, Add	*10.07*	
		For >25 To 100 LF, Add	*5.03*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0055 Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)*

Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0056 KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*

07 71 19 00-0057 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*

07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.82	2.46
		For Up To 25 LF, Add	*7.79*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.93	2.93
		For Up To 25 LF, Add	*8.65*	
		For >25 To 100 LF, Add	*4.32*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.43	3.35
		For Up To 25 LF, Add	*9.48*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0061 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.44	2.46
		For Up To 25 LF, Add	*8.05*	
		For >25 To 100 LF, Add	*4.02*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.66	2.93
		For Up To 25 LF, Add	*8.92*	
		For >25 To 100 LF, Add	*4.46*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.31	3.35
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.89*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0065 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*

07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.85	2.46
		For Up To 25 LF, Add	*8.39*	
		For >25 To 100 LF, Add	*4.19*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.93	2.93
		For Up To 25 LF, Add	*9.25*	
		For >25 To 100 LF, Add	*4.62*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	60.94	3.35
		For Up To 25 LF, Add	*10.13*	
		For >25 To 100 LF, Add	*5.07*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0069 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*

07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.17	2.46
		For Up To 25 LF, Add	*8.62*	
		For >25 To 100 LF, Add	*4.31*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	59.33	2.93
		For Up To 25 LF, Add	*9.49*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	63.49	3.35
		For Up To 25 LF, Add	*10.39*	
		For >25 To 100 LF, Add	*5.19*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0073 Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*

07 71 19 00-0074 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*

07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	35.31	2.46
		For Up To 25 LF, Add	*6.54*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.88	2.93
		For Up To 25 LF, Add	*7.34*	
		For >25 To 100 LF, Add	*3.67*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.79	3.35
		For Up To 25 LF, Add	*8.12*	
		For >25 To 100 LF, Add	*4.06*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0078 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*

07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.12	2.46
		For Up To 25 LF, Add	*6.72*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.76	2.93
		For Up To 25 LF, Add	*7.53*	
		For >25 To 100 LF, Add	*3.76*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.79	3.35
		For Up To 25 LF, Add	*8.32*	
		For >25 To 100 LF, Add	*4.16*	
		For >1,000 LF, Deduct	*-1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0082		**0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.47	2.46
		For Up To 25 LF, Add	*6.95*	
		For >25 To 100 LF, Add	*3.48*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.02	2.93
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.88*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	45.15	3.35
		For Up To 25 LF, Add	*8.56*	
		For >25 To 100 LF, Add	*4.28*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0086		**0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	41.07	2.46
		For Up To 25 LF, Add	*7.11*	
		For >25 To 100 LF, Add	*3.56*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	43.67	2.93
		For Up To 25 LF, Add	*7.92*	
		For >25 To 100 LF, Add	*3.96*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	46.90	3.35
		For Up To 25 LF, Add	*8.73*	
		For >25 To 100 LF, Add	*4.37*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0090		**Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0055)*		
07 71 19 00-0091		**0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	55.88	2.46
		For Up To 25 LF, Add	*8.59*	
		For >25 To 100 LF, Add	*4.30*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.34	2.93
		For Up To 25 LF, Add	*9.49*	
		For >25 To 100 LF, Add	*4.74*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.96	3.35
		For Up To 25 LF, Add	*10.34*	
		For >25 To 100 LF, Add	*5.17*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0095		**0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.02	2.46
		For Up To 25 LF, Add	*8.91*	
		For >25 To 100 LF, Add	*4.45*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.62	2.93
		For Up To 25 LF, Add	*9.81*	
		For >25 To 100 LF, Add	*4.91*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.39	3.35
		For Up To 25 LF, Add	*10.68*	
		For >25 To 100 LF, Add	*5.34*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0099		**0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	63.12	2.46
		For Up To 25 LF, Add	*9.32*	
		For >25 To 100 LF, Add	*4.66*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.54	2.93
		For Up To 25 LF, Add	*10.21*	
		For >25 To 100 LF, Add	*5.10*	
		For >1,000 LF, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	70.02	3.35
		For Up To 25 LF, Add	*11.04*	
		For >25 To 100 LF, Add	*5.52*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0103 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	65.90	2.46
		For Up To 25 LF, Add	*9.59*	
		For >25 To 100 LF, Add	*4.80*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	69.42	2.93
		For Up To 25 LF, Add	*10.49*	
		For >25 To 100 LF, Add	*5.25*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	73.02	3.35
		For Up To 25 LF, Add	*11.34*	
		For >25 To 100 LF, Add	*5.67*	
		For >1,000 LF, Deduct	*-1.01*	

07 71 19 00-0107 Stainless Steel Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0108 Stainless Steel Gravel Stop *(07 71 19 00-0107)*

07 71 19 00-0109 26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	40.68	2.32
		For Up To 25 LF, Add	*6.80*	
		For >25 To 100 LF, Add	*3.40*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	53.36	2.73
		For Up To 25 LF, Add	*8.56*	
		For >25 To 100 LF, Add	*4.28*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	78.89	3.00
		For Up To 25 LF, Add	*11.55*	
		For >25 To 100 LF, Add	*5.77*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0113 24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	50.49	2.32
		For Up To 25 LF, Add	*7.78*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	66.45	2.73
		For Up To 25 LF, Add	*9.87*	
		For >25 To 100 LF, Add	*4.93*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	98.52	3.00
		For Up To 25 LF, Add	*13.51*	
		For >25 To 100 LF, Add	*6.76*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0117 22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	60.92	2.32
		For Up To 25 LF, Add	*8.82*	
		For >25 To 100 LF, Add	*4.41*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	80.35	2.73
		For Up To 25 LF, Add	*11.26*	
		For >25 To 100 LF, Add	*5.63*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	119.38	3.00
		For Up To 25 LF, Add	*15.60*	
		For >25 To 100 LF, Add	*7.80*	
		For >1,000 LF, Deduct	*-0.92*	

07 71 19 00-0121 Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)*

Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0122 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*

07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	48.00	2.46
		For Up To 25 LF, Add	*7.80*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	62.87	2.93
		For Up To 25 LF, Add	*9.84*	
		For >25 To 100 LF, Add	*4.92*	
		For >1,000 LF, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	91.08	3.35
		For Up To 25 LF, Add	*13.15*	
		For >25 To 100 LF, Add	*6.57*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	57.82	2.46
		For Up To 25 LF, Add	*8.79*	
		For >25 To 100 LF, Add	*4.39*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	75.96	2.93
		For Up To 25 LF, Add	*11.15*	
		For >25 To 100 LF, Add	*5.57*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	110.72	3.35
		For Up To 25 LF, Add	*15.11*	
		For >25 To 100 LF, Add	*7.56*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	68.25	2.46
		For Up To 25 LF, Add	*9.83*	
		For >25 To 100 LF, Add	*4.91*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	89.86	2.93
		For Up To 25 LF, Add	*12.54*	
		For >25 To 100 LF, Add	*6.27*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	131.58	3.35
		For Up To 25 LF, Add	*17.20*	
		For >25 To 100 LF, Add	*8.60*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.95	2.32
		For Up To 25 LF, Add	*6.63*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	40.41	2.73
		For Up To 25 LF, Add	*7.27*	
		For >25 To 100 LF, Add	*3.63*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	42.13	3.00
		For Up To 25 LF, Add	*7.87*	
		For >25 To 100 LF, Add	*3.94*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	44.50	2.46
		For Up To 25 LF, Add	*7.45*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	47.60	2.93
		For Up To 25 LF, Add	*8.31*	
		For >25 To 100 LF, Add	*4.16*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	51.33	3.35
		For Up To 25 LF, Add	*9.17*	
		For >25 To 100 LF, Add	*4.59*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	64.76	2.32
		For Up To 25 LF, Add	*9.21*	
		For >25 To 100 LF, Add	*4.60*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	74.18	2.73
		For Up To 25 LF, Add	*10.64*	
		For >25 To 100 LF, Add	*5.32*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	85.68	3.00
		For Up To 25 LF, Add	*12.23*	
		For >25 To 100 LF, Add	*6.11*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0153		16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	78.50	2.32
		For Up To 25 LF, Add	*10.58*	
		For >25 To 100 LF, Add	*5.29*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	90.97	2.73
		For Up To 25 LF, Add	*12.32*	
		For >25 To 100 LF, Add	*6.16*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	104.00	3.00
		For Up To 25 LF, Add	*14.06*	
		For >25 To 100 LF, Add	*7.03*	
		For >1,000 LF, Deduct	*-0.92*	
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	67.43	2.46
		For Up To 25 LF, Add	*9.75*	
		For >25 To 100 LF, Add	*4.87*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	77.59	2.93
		For Up To 25 LF, Add	*11.31*	
		For >25 To 100 LF, Add	*5.66*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	89.99	3.35
		For Up To 25 LF, Add	*13.04*	
		For >25 To 100 LF, Add	*6.52*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	81.17	2.46
		For Up To 25 LF, Add	*11.12*	
		For >25 To 100 LF, Add	*5.56*	
		For >1,000 LF, Deduct	*-0.75*	
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	94.39	2.93
		For Up To 25 LF, Add	*12.99*	
		For >25 To 100 LF, Add	*6.50*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	108.31	3.35
		For Up To 25 LF, Add	*14.87*	
		For >25 To 100 LF, Add	*7.44*	
		For >1,000 LF, Deduct	*-1.01*	
07 71 19 00-0166		Fascia *(07 71 19)*		
07 71 19 00-0167		Snap-On Cover Fascia *(07 71 19 00-0166)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	47.48	3.42
		For Up To 25 LF, Add	*7.48*	
		For >25 To 100 LF, Add	*3.74*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	53.36	3.55
		For Up To 25 LF, Add	*8.18*	
		For >25 To 100 LF, Add	*4.09*	
		For >1,000 LF, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	57.14	3.69
		For Up To 25 LF, Add	*8.67*	
		For >25 To 100 LF, Add	*4.33*	
		For >1,000 LF, Deduct	*-0.74*	

07 71 19 00-0174 Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*

07 71 19 00-0175 Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*

07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	327.20	4.78
		For Up To 25 LF, Add	*36.54*	
		For >25 To 100 LF, Add	*18.27*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	349.42	4.78
		For Up To 25 LF, Add	*38.77*	
		For >25 To 100 LF, Add	*19.38*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	363.38	4.78
		For Up To 25 LF, Add	*40.16*	
		For >25 To 100 LF, Add	*20.08*	
		For >1,000 LF, Deduct	*-0.96*	

07 71 19 00-0179 Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*

07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	266.69	4.78
		For Up To 25 LF, Add	*30.49*	
		For >25 To 100 LF, Add	*15.25*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	277.91	4.78
		For Up To 25 LF, Add	*31.62*	
		For >25 To 100 LF, Add	*15.81*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	284.74	4.78
		For Up To 25 LF, Add	*32.30*	
		For >25 To 100 LF, Add	*16.15*	
		For >1,000 LF, Deduct	*-0.96*	

07 71 19 00-0183 Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*

07 71 19 00-0184 KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*

07 71 19 00-0185 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*

07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.04	3.42
		For Up To 25 LF, Add	*5.24*	
		For >25 To 100 LF, Add	*2.62*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.18	3.55
		For Up To 25 LF, Add	*5.66*	
		For >25 To 100 LF, Add	*2.83*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.87	3.69
		For Up To 25 LF, Add	*5.94*	
		For >25 To 100 LF, Add	*2.97*	
		For >1,000 LF, Deduct	*-0.74*	

07 71 19 00-0189 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*

07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.23	3.42
		For Up To 25 LF, Add	*5.36*	
		For >25 To 100 LF, Add	*2.68*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.71	3.55
		For Up To 25 LF, Add	*5.81*	
		For >25 To 100 LF, Add	*2.91*	
		For >1,000 LF, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	31.59	3.69
		For Up To 25 LF, Add	*6.11*	
		For >25 To 100 LF, Add	*3.06*	
		For >1,000 LF, Deduct	*-0.74*	

07 71 19 00-0193 Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*

07 71 19 00-0194 Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*

07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	154.44	4.78
		For Up To 25 LF, Add	*19.27*	
		For >25 To 100 LF, Add	*9.63*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	167.31	4.78
		For Up To 25 LF, Add	*20.56*	
		For >25 To 100 LF, Add	*10.28*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	172.94	4.78
		For Up To 25 LF, Add	*21.12*	
		For >25 To 100 LF, Add	*10.56*	
		For >1,000 LF, Deduct	*-0.96*	

07 71 19 00-0198 Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*

07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	122.72	4.78
		For Up To 25 LF, Add	*16.10*	
		For >25 To 100 LF, Add	*8.05*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	129.13	4.78
		For Up To 25 LF, Add	*16.74*	
		For >25 To 100 LF, Add	*8.37*	
		For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	131.94	4.78
		For Up To 25 LF, Add	*17.02*	
		For >25 To 100 LF, Add	*8.51*	
		For >1,000 LF, Deduct	*-0.96*	

07 71 19 00-0202 Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*

07 71 19 00-0203 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*

07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.68	3.42
		For Up To 25 LF, Add	*5.60*	
		For >25 To 100 LF, Add	*2.80*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.39	3.55
		For Up To 25 LF, Add	*6.08*	
		For >25 To 100 LF, Add	*3.04*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.37	3.69
		For Up To 25 LF, Add	*6.39*	
		For >25 To 100 LF, Add	*3.19*	
		For >1,000 LF, Deduct	*-0.74*	

07 71 19 00-0207 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*

07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.11	3.42
		For Up To 25 LF, Add	*5.74*	
		For >25 To 100 LF, Add	*2.87*	
		For >1,000 LF, Deduct	*-0.68*	
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.23	3.55
		For Up To 25 LF, Add	*6.26*	
		For >25 To 100 LF, Add	*3.13*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	36.43	3.69
		For Up To 25 LF, Add	*6.60*	
		For >25 To 100 LF, Add	*3.30*	
		For >1,000 LF, Deduct	*-0.74*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212			Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
	07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	190.67	4.78
			For Up To 25 LF, Add	*22.89*	
			For >25 To 100 LF, Add	*11.45*	
			For >1,000 LF, Deduct	*-0.96*	
	07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	206.75	4.78
			For Up To 25 LF, Add	*24.50*	
			For >25 To 100 LF, Add	*12.25*	
			For >1,000 LF, Deduct	*-0.96*	
	07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	213.78	4.78
			For Up To 25 LF, Add	*25.20*	
			For >25 To 100 LF, Add	*12.60*	
			For >1,000 LF, Deduct	*-0.96*	
07 71 19 00-0216			Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
	07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	151.01	4.78
			For Up To 25 LF, Add	*18.93*	
			For >25 To 100 LF, Add	*9.46*	
			For >1,000 LF, Deduct	*-0.96*	
	07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	159.03	4.78
			For Up To 25 LF, Add	*19.73*	
			For >25 To 100 LF, Add	*9.86*	
			For >1,000 LF, Deduct	*-0.96*	
	07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	162.53	4.78
			For Up To 25 LF, Add	*20.08*	
			For >25 To 100 LF, Add	*10.04*	
			For >1,000 LF, Deduct	*-0.96*	
07 71 23			**Manufactured Gutters and Downspouts** *(07 71)*		
			Note: Includes all necessary support straps.		
07 71 23 00-0001			Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002			Aluminum Gutters *(07 71 23 00-0001)*		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003			K-Style Aluminum Gutters *(07 71 23 00-0002)*		
	07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	11.13	4.92
			For Up To 100', Add	*2.33*	
			For >100' To 250', Add	*0.96*	
			For >1,000', Deduct	*-0.81*	
			For Kynar 500® Finish, Add	*1.36*	
	07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	12.38	5.19
			For Up To 100', Add	*2.52*	
			For >100' To 250', Add	*1.05*	
			For >1,000', Deduct	*-0.85*	
			For Kynar 500® Finish, Add	*1.74*	
	07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	11.57	4.92
			For Up To 100', Add	*2.37*	
			For >100' To 250', Add	*0.98*	
			For >1,000', Deduct	*-0.81*	
			For Kynar 500® Finish, Add	*1.56*	
	07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	12.94	5.19
			For Up To 100', Add	*2.57*	
			For >100' To 250', Add	*1.07*	
			For >1,000', Deduct	*-0.85*	
			For Kynar 500® Finish, Add	*1.99*	
	07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	23.45	5.46
			For Up To 100', Add	*3.72*	
			For >100' To 250', Add	*1.63*	
			For >1,000', Deduct	*-0.92*	
			For Kynar 500® Finish, Add	*6.42*	
	07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	25.71	6.12
			For Up To 100', Add	*4.09*	
			For >100' To 250', Add	*1.79*	
			For >1,000', Deduct	*-1.01*	
			For Kynar 500® Finish, Add	*7.02*	
	07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	28.72	6.12
			For Up To 100', Add	*4.39*	
			For >100' To 250', Add	*1.94*	
			For >1,000', Deduct	*-1.01*	
			For Kynar 500® Finish, Add	*8.37*	
07 71 23 00-0011			Half Round Aluminum Gutters *(07 71 23 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	19.85	4.92
		For Up To 100', Add	*3.20*	
		For >100' To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.81*	
		For Kynar 500® Finish, Add	*5.28*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	23.81	5.19
		For Up To 100', Add	*3.66*	
		For >100' To 250', Add	*1.62*	
		For >1,000', Deduct	*-0.85*	
		For Kynar 500® Finish, Add	*6.88*	

07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	21.01	6.12
		For Up To 100', Add	*3.62*	
		For >100' To 250', Add	*1.56*	
		For >1,000', Deduct	*-1.01*	
		For Kynar 500® Finish, Add	*4.91*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	21.06	6.12
		For Up To 100', Add	*3.62*	
		For >100' To 250', Add	*1.56*	
		For >1,000', Deduct	*-1.01*	
		For Kynar 500® Finish, Add	*4.93*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	24.43	6.52
		For Up To 100', Add	*4.06*	
		For >100' To 250', Add	*1.76*	
		For >1,000', Deduct	*-1.08*	
		For Kynar 500® Finish, Add	*6.14*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	27.51	6.92
		For Up To 100', Add	*4.47*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-1.14*	
		For Kynar 500® Finish, Add	*7.23*	

07 71 23 00-0019 Aluminum Gutter End Caps *(07 71 23 00-0001)*

07 71 23 00-0020 K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.71	
		For Kynar 500® Finish, Add	*0.47*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.56	
		For Kynar 500® Finish, Add	*0.86*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	9.76	
		For Kynar 500® Finish, Add	*3.20*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	11.35	
		For Kynar 500® Finish, Add	*3.91*	

07 71 23 00-0025 Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	5.89	
		For Kynar 500® Finish, Add	*1.45*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	9.05	
		For Kynar 500® Finish, Add	*2.88*	

07 71 23 00-0028 Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	10.63	
		For Kynar 500® Finish, Add	*3.59*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	11.54	
		For Kynar 500® Finish, Add	*4.00*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	13.53	
		For Kynar 500® Finish, Add	*4.89*	

07 71 23 00-0032 Aluminum Gutter Miters *(07 71 23 00-0001)*

Note: Inside or outside miters.

07 71 23 00-0033 K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*

07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	21.75	
		For Kynar 500® Finish, Add	*3.74*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	28.75	
		For Kynar 500® Finish, Add	*6.47*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	84.53	
		For Kynar 500® Finish, Add	*31.15*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	91.73	
		For Kynar 500® Finish, Add	*33.91*	

07 71 23 00-0038 Half Round, Aluminum Gutter Miters *(07 71 23 00-0032)*

07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	37.00	
		For Kynar 500® Finish, Add	*10.60*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	57.76	
		For Kynar 500® Finish, Add	*19.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	68.61	
		For Kynar 500® Finish, Add	*24.41*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	101.84	
		For Kynar 500® Finish, Add	*38.94*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	110.57	
		For Kynar 500® Finish, Add	*42.39*	
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	16.48	3.33
		For Kynar 500® Finish, Add	*4.30*	
		For 0.024" Thick, Add	*1.34*	
		For 0.027" Thick, Add	*2.77*	
		For 0.031" Thick, Add	*4.01*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	24.52	3.33
		For Kynar 500® Finish, Add	*7.92*	
		For 0.024" Thick, Add	*2.46*	
		For 0.027" Thick, Add	*5.10*	
		For 0.031" Thick, Add	*7.39*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	7.60	3.20
		For Up To 100', Add	*1.28*	
		For >100 To 250', Add	*0.55*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*1.86*	
		For 0.024" Thick, Add	*0.58*	
		For 0.027" Thick, Add	*1.20*	
		For 0.031" Thick, Add	*1.74*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	8.57	3.20
		For Up To 100', Add	*1.38*	
		For >100 To 250', Add	*0.60*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*2.30*	
		For 0.024" Thick, Add	*0.72*	
		For 0.027" Thick, Add	*1.48*	
		For 0.031" Thick, Add	*2.15*	
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	5.58	3.20
		For Up To 100', Add	*1.08*	
		For >100 To 250', Add	*0.45*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*0.95*	
		For 0.024" Thick, Add	*0.30*	
		For 0.027" Thick, Add	*0.61*	
		For 0.031" Thick, Add	*0.89*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	6.82	3.20
		For Up To 100', Add	*1.20*	
		For >100 To 250', Add	*0.51*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*1.51*	
		For 0.024" Thick, Add	*0.47*	
		For 0.027" Thick, Add	*0.97*	
		For 0.031" Thick, Add	*1.41*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	12.02	3.20
		For Up To 100', Add	*1.72*	
		For >100 To 250', Add	*0.77*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*3.85*	
		For 0.024" Thick, Add	*1.20*	
		For 0.027" Thick, Add	*2.48*	
		For 0.031" Thick, Add	*3.60*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	278.73	30.64
		For Kynar 500® Finish, Add	*79.47*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	248.38	34.04
		For Kynar 500® Finish, Add	*81.14*	
07 71 23 00-0059		**Copper Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0060		**Copper Gutters** *(07 71 23 00-0059)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		**K-Style Copper Gutters** *(07 71 23 00-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	19.44	4.66
		For Up To 100', Add	*3.10*	
		For >100' To 250', Add	*1.36*	
		For >1,000', Deduct	*-0.77*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	27.16	4.92
		For Up To 100', Add	*3.93*	
		For >100' To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.81*	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	32.25	5.19
		For Up To 100', Add	*4.50*	
		For >100' To 250', Add	*2.04*	
		For >1,000', Deduct	*-0.85*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	34.00	4.92
		For Up To 100', Add	*4.62*	
		For >100' To 250', Add	*2.11*	
		For >1,000', Deduct	*-0.81*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	41.94	5.19
		For Up To 100', Add	*5.47*	
		For >100' To 250', Add	*2.52*	
		For >1,000', Deduct	*-0.85*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	48.84	5.46
		For Up To 100', Add	*6.26*	
		For >100' To 250', Add	*2.90*	
		For >1,000', Deduct	*-0.92*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	54.28	6.12
		For Up To 100', Add	*6.94*	
		For >100' To 250', Add	*3.22*	
		For >1,000', Deduct	*-1.01*	

07 71 23 00-0069 Half Round Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	23.59	4.92
		For Up To 100', Add	*3.58*	
		For >100' To 250', Add	*1.59*	
		For >1,000', Deduct	*-0.81*	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	29.59	5.19
		For Up To 100', Add	*4.24*	
		For >100' To 250', Add	*1.91*	
		For >1,000', Deduct	*-0.85*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	48.85	5.46
		For Up To 100', Add	*6.26*	
		For >100' To 250', Add	*2.90*	
		For >1,000', Deduct	*-0.92*	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	27.33	4.92
		For Up To 100', Add	*3.95*	
		For >100' To 250', Add	*1.77*	
		For >1,000', Deduct	*-0.81*	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	33.56	5.19
		For Up To 100', Add	*4.63*	
		For >100' To 250', Add	*2.10*	
		For >1,000', Deduct	*-0.85*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	51.27	5.46
		For Up To 100', Add	*6.50*	
		For >100' To 250', Add	*3.02*	
		For >1,000', Deduct	*-0.92*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	58.20	6.12
		For Up To 100', Add	*7.34*	
		For >100' To 250', Add	*3.42*	
		For >1,000', Deduct	*-1.01*	

07 71 23 00-0077 Box Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	27.49	5.59
		For Up To 100', Add	*4.15*	
		For >100' To 250', Add	*1.84*	
		For >1,000', Deduct	*-0.93*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	29.59	6.12
		For Up To 100', Add	*4.48*	
		For >100' To 250', Add	*1.99*	
		For >1,000', Deduct	*-1.01*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	35.69	6.52
		For Up To 100', Add	*5.19*	
		For >100' To 250', Add	*2.32*	
		For >1,000', Deduct	*-1.08*	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	36.50	6.92
		For Up To 100', Add	*5.37*	
		For >100' To 250', Add	*2.40*	
		For >1,000', Deduct	*-1.14*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	31.14	5.59
		For Up To 100', Add	*4.51*	
		For >100' To 250', Add	*2.02*	
		For >1,000', Deduct	*-0.93*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	33.24	6.12
		For Up To 100', Add	*4.84*	
		For >100' To 250', Add	*2.17*	
		For >1,000', Deduct	*-1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	39.34	6.52
		For Up To 100', Add	*5.55*	
		For >100' To 250', Add	*2.51*	
		For >1,000', Deduct	*-1.08*	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	40.15	6.92
		For Up To 100', Add	*5.73*	
		For >100' To 250', Add	*2.58*	
		For >1,000', Deduct	*-1.14*	

07 71 23 00-0086 Copper Gutter End Caps *(07 71 23 00-0059)*

07 71 23 00-0087 K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.70
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.15
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.59
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	19.55
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	23.75

07 71 23 00-0093 Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	8.03
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	8.97
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	13.35
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	39.40
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	46.47

07 71 23 00-0099 Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	15.07
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	15.80
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	16.53
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	17.99

07 71 23 00-0104 Copper Gutter Miters *(07 71 23 00-0059)*

Note: Inside or outside miters.

07 71 23 00-0105 K-Style, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	42.48
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	48.01
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	68.38
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	96.02
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	112.41

07 71 23 00-0111 Half Round, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	65.31
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	60.66
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	86.68
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	103.12
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	121.61

07 71 23 00-0117 Box Style, Copper Gutter Miters *(07 71 23 00-0104)*

07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	71.78
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	74.17
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	80.95
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	82.68
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	79.08
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	81.47
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	88.25
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	96.61

07 71 23 00-0126 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	21.37	3.33
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	26.12	3.33
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	41.61	3.33
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	55.11	3.33
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	66.41	3.33

07 71 23 00-0132 Copper Downspouts *(07 71 23 00-0059)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0133 Round Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	26.62	3.20
		For Up To 100', Add	*3.18*	
		For >100 To 250', Add	*1.50*	
		For >1,000', Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	18.71	3.20
		For Up To 100', Add	*2.39*	
		For >100 To 250', Add	*1.11*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	23.43	3.20
		For Up To 100', Add	*2.86*	
		For >100 To 250', Add	*1.34*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	37.11	3.20
		For Up To 100', Add	*4.23*	
		For >100 To 250', Add	*2.03*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	47.55	3.20
		For Up To 100', Add	*5.27*	
		For >100 To 250', Add	*2.55*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	25.11	3.20
		For Up To 100', Add	*3.03*	
		For >100 To 250', Add	*1.43*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	32.41	3.20
		For Up To 100', Add	*3.76*	
		For >100 To 250', Add	*1.79*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	48.97	3.20
		For Up To 100', Add	*5.42*	
		For >100 To 250', Add	*2.62*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0142 Square Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	13.14	3.20
		For Up To 100', Add	*1.83*	
		For >100 To 250', Add	*0.83*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	16.27	3.20
		For Up To 100', Add	*2.15*	
		For >100 To 250', Add	*0.99*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	23.05	3.20
		For Up To 100', Add	*2.82*	
		For >100 To 250', Add	*1.33*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	15.07	3.20
		For Up To 100', Add	*2.03*	
		For >100 To 250', Add	*0.93*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	18.99	3.20
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.12*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	27.03	3.20
		For Up To 100', Add	*3.22*	
		For >100 To 250', Add	*1.52*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0149 Rectangular Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	19.20	3.20
		For Up To 100', Add	*2.44*	
		For >100 To 250', Add	*1.13*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	24.13	3.20
		For Up To 100', Add	*2.93*	
		For >100 To 250', Add	*1.38*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	34.08	3.20
		For Up To 100', Add	*3.93*	
		For >100 To 250', Add	*1.88*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	22.26	3.20
		For Up To 100', Add	*2.75*	
		For >100 To 250', Add	*1.29*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	28.38	3.20
		For Up To 100', Add	*3.36*	
		For >100 To 250', Add	*1.59*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	40.49	3.20
		For Up To 100', Add	*4.57*	
		For >100 To 250', Add	*2.20*	
		For >1,000', Deduct	*-0.35*	

07 71 23 00-0156 Copper Devices And Accessories *(07 71 23 00-0059)*

07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	233.91	30.64
07 71 23 00-0158	EA	Copper Leader/Conductor Head	318.98	34.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0159	EA	Copper Eave Box	142.41	19.96
07 71 23 00-0160		**Galvanized Steel Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0161		**Galvanized Steel Gutters** *(07 71 23 00-0160)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162		**K-Style Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	14.60	4.92
		For Up To 100', Add	*2.68*	
		For >100' To 250', Add	*1.14*	
		For >1,000', Deduct	*-0.81*	
		For Kynar 500® Finish, Add	*2.92*	
		For 24 Gauge, Add	*1.82*	
		For 22 Gauge, Add	*3.57*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	16.99	5.19
		For Up To 100', Add	*2.98*	
		For >100' To 250', Add	*1.28*	
		For >1,000', Deduct	*-0.85*	
		For Kynar 500® Finish, Add	*3.81*	
		For 24 Gauge, Add	*2.37*	
		For 22 Gauge, Add	*4.66*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	35.24	5.46
		For Up To 100', Add	*4.90*	
		For >100' To 250', Add	*2.22*	
		For >1,000', Deduct	*-0.92*	
		For Kynar 500® Finish, Add	*11.73*	
		For 24 Gauge, Add	*7.30*	
		For 22 Gauge, Add	*14.33*	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	37.16	6.12
		For Up To 100', Add	*5.23*	
		For >100' To 250', Add	*2.36*	
		For >1,000', Deduct	*-1.01*	
		For Kynar 500® Finish, Add	*12.17*	
		For 24 Gauge, Add	*7.57*	
		For 22 Gauge, Add	*14.88*	
07 71 23 00-0167		**Half Round Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	21.30	4.92
		For Up To 100', Add	*3.35*	
		For >100' To 250', Add	*1.47*	
		For >1,000', Deduct	*-0.81*	
		For Kynar 500® Finish, Add	*5.94*	
		For 24 Gauge, Add	*3.69*	
		For 22 Gauge, Add	*7.25*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	26.86	5.19
		For Up To 100', Add	*3.96*	
		For >100' To 250', Add	*1.77*	
		For >1,000', Deduct	*-0.85*	
		For Kynar 500® Finish, Add	*8.25*	
		For 24 Gauge, Add	*5.14*	
		For 22 Gauge, Add	*10.09*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	67.60	5.46
		For Up To 100', Add	*8.14*	
		For >100' To 250', Add	*3.84*	
		For >1,000', Deduct	*-0.92*	
		For Kynar 500® Finish, Add	*26.29*	
		For 24 Gauge, Add	*16.36*	
		For 22 Gauge, Add	*32.13*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	72.12	6.12
		For Up To 100', Add	*8.73*	
		For >100' To 250', Add	*4.11*	
		For >1,000', Deduct	*-1.01*	
		For Kynar 500® Finish, Add	*27.90*	
		For 24 Gauge, Add	*17.36*	
		For 22 Gauge, Add	*34.11*	
07 71 23 00-0172		**Box Style Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	25.49	5.59
		For Up To 100', Add	*3.95*	
		For >100' To 250', Add	*1.74*	
		For >1,000', Deduct	*-0.93*	
		For Kynar 500® Finish, Add	*7.28*	
		For 22 Gauge, Add	*3.56*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	29.92	6.12
		For Up To 100', Add	*4.51*	
		For >100' To 250', Add	*2.00*	
		For >1,000', Deduct	*-1.01*	
		For Kynar 500® Finish, Add	*8.91*	
		For 22 Gauge, Add	*4.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	37.82	5.46
		For Up To 100', Add	*5.16*	
		For >100' To 250', Add	*2.35*	
		For >1,000', Deduct	*-0.92*	
		For Kynar 500® Finish, Add	*12.89*	
		For 22 Gauge, Add	*6.30*	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	42.00	6.92
		For Up To 100', Add	*5.92*	
		For >100' To 250', Add	*2.67*	
		For >1,000', Deduct	*-1.14*	
		For Kynar 500® Finish, Add	*13.75*	
		For 22 Gauge, Add	*6.72*	

07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	6.55	
		For Kynar 500® Finish, Add	*1.75*	
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	7.57	
		For Kynar 500® Finish, Add	*2.21*	
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	16.65	
		For Kynar 500® Finish, Add	*6.30*	
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	24.23	
		For Kynar 500® Finish, Add	*9.71*	

07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	8.47	
		For Kynar 500® Finish, Add	*2.61*	
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	9.78	
		For Kynar 500® Finish, Add	*3.20*	
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	18.38	
		For Kynar 500® Finish, Add	*7.07*	
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	24.91	
		For Kynar 500® Finish, Add	*10.01*	

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	15.34	
		For Kynar 500® Finish, Add	*5.71*	
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	18.51	
		For Kynar 500® Finish, Add	*7.13*	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	20.76	
		For Kynar 500® Finish, Add	*8.15*	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	27.88	
		For Kynar 500® Finish, Add	*11.35*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	39.78	
		For Kynar 500® Finish, Add	*11.85*	
07 71 23 00-0196	EA	6", K-Style Galvanized Steel Gutter Miter	64.78	
		For Kynar 500® Finish, Add	*22.68*	
07 71 23 00-0197	EA	7", K-Style Galvanized Steel Gutter Miter	103.96	
		For Kynar 500® Finish, Add	*39.89*	
07 71 23 00-0198	EA	8", K-Style Galvanized Steel Gutter Miter	116.88	
		For Kynar 500® Finish, Add	*45.23*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200	EA	5", Half Round Galvanized Steel Gutter Miter	54.68	
		For Kynar 500® Finish, Add	*18.56*	
07 71 23 00-0201	EA	6", Half Round Galvanized Steel Gutter Miter	61.48	
		For Kynar 500® Finish, Add	*21.20*	
07 71 23 00-0202	EA	7", Half Round Galvanized Steel Gutter Miter	175.52	
		For Kynar 500® Finish, Add	*72.09*	
07 71 23 00-0203	EA	8", Half Round Galvanized Steel Gutter Miter	185.48	
		For Kynar 500® Finish, Add	*76.10*	

07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0205	EA	5", Box Style Galvanized Steel Gutter Miter	51.70	
		For Kynar 500® Finish, Add	*17.22*	
07 71 23 00-0206	EA	6", Box Style Galvanized Steel Gutter Miter	84.49	
		For Kynar 500® Finish, Add	*31.55*	
07 71 23 00-0207	EA	7", Box Style Galvanized Steel Gutter Miter	109.89	
		For Kynar 500® Finish, Add	*42.56*	
07 71 23 00-0208	EA	8", Box Style Galvanized Steel Gutter Miter	116.88	
		For Kynar 500® Finish, Add	*45.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0209		**Galvanized Steel Gutter Wire Strainers** *(07 71 23 00-0160)*		
07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	14.53	3.33
		For Kynar 500® Finish, Add	*3.42*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	21.01	3.33
		For Kynar 500® Finish, Add	*6.34*	
07 71 23 00-0212		**Galvanized Steel Downspouts** *(07 71 23 00-0160)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213		**Round Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	8.20	3.20
		For Up To 100', Add	*1.34*	
		For >100 To 250', Add	*0.58*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*2.13*	
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*2.61*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	10.22	3.20
		For Up To 100', Add	*1.54*	
		For >100 To 250', Add	*0.68*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*3.04*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*3.72*	
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	13.97	3.20
		For Up To 100', Add	*1.92*	
		For >100 To 250', Add	*0.87*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*4.73*	
		For 24 Gauge, Add	*2.94*	
		For 22 Gauge, Add	*5.78*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	31.29	3.20
		For Up To 100', Add	*3.65*	
		For >100 To 250', Add	*1.74*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*12.52*	
		For 24 Gauge, Add	*7.79*	
		For 22 Gauge, Add	*15.31*	
07 71 23 00-0218		**Square Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	9.33	3.20
		For Up To 100', Add	*1.45*	
		For >100 To 250', Add	*0.64*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*2.64*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.23*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	12.00	3.20
		For Up To 100', Add	*1.72*	
		For >100 To 250', Add	*0.77*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*3.84*	
		For 24 Gauge, Add	*2.39*	
		For 22 Gauge, Add	*4.70*	
07 71 23 00-0221		**Rectangular Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	8.35	3.20
		For Up To 100', Add	*1.35*	
		For >100 To 250', Add	*0.59*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*2.20*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.69*	
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	10.69	3.20
		For Up To 100', Add	*1.59*	
		For >100 To 250', Add	*0.71*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*3.25*	
		For 24 Gauge, Add	*2.02*	
		For 22 Gauge, Add	*3.98*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	19.99	3.20
		For Up To 100', Add	*2.52*	
		For >100 To 250', Add	*1.17*	
		For >1,000', Deduct	*-0.35*	
		For Kynar 500® Finish, Add	*7.44*	
		For 24 Gauge, Add	*4.63*	
		For 22 Gauge, Add	*9.09*	
07 71 23 00-0225		**Galvanized Steel Devices** *(07 71 23 00-0160)*		
07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	370.75	34.04
		For Kynar 500® Finish, Add	*136.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	183.57	30.64
		For Kynar 500® Finish, Add	*36.65*	

07 71 23 00-0228 Stainless Steel Gutters And Downspouts *(07 71 23)*

Note: AISI type 304 stainless steel.

07 71 23 00-0229 Stainless Steel Gutters *(07 71 23 00-0228)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0230 K-Style, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	30.88	4.92
		For Up To 100', Add	*4.30*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-0.81*	
		For 316 Stainless Steel, Add	*8.65*	
		For 24 Gauge, Add	*7.51*	
		For 22 Gauge, Add	*15.03*	
		For 20 Gauge, Add	*22.54*	
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	36.99	5.19
		For Up To 100', Add	*4.98*	
		For >100' To 250', Add	*2.28*	
		For >1,000', Deduct	*-0.85*	
		For 316 Stainless Steel, Add	*10.82*	
		For 24 Gauge, Add	*9.40*	
		For 22 Gauge, Add	*18.79*	
		For 20 Gauge, Add	*28.19*	

07 71 23 00-0233 Half Round, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	42.59	4.92
		For Up To 100', Add	*5.48*	
		For >100' To 250', Add	*2.54*	
		For >1,000', Deduct	*-0.81*	
		For 316 Stainless Steel, Add	*13.10*	
		For 24 Gauge, Add	*11.38*	
		For 22 Gauge, Add	*22.76*	
		For 20 Gauge, Add	*34.14*	
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	51.55	5.19
		For Up To 100', Add	*6.43*	
		For >100' To 250', Add	*3.00*	
		For >1,000', Deduct	*-0.85*	
		For 316 Stainless Steel, Add	*16.35*	
		For 24 Gauge, Add	*14.20*	
		For 22 Gauge, Add	*28.40*	
		For 20 Gauge, Add	*42.60*	

07 71 23 00-0236 Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	41.78	5.59
		For Up To 100', Add	*5.57*	
		For >100' To 250', Add	*2.55*	
		For >1,000', Deduct	*-0.93*	
		For 316 Stainless Steel, Add	*12.34*	
		For 24 Gauge, Add	*10.72*	
		For 22 Gauge, Add	*21.43*	
		For 20 Gauge, Add	*32.15*	
		For 18 Gauge, Add	*53.90*	
		For Seamless Gutter, Add	*-0.23*	
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	50.90	6.12
		For Up To 100', Add	*6.61*	
		For >100' To 250', Add	*3.05*	
		For >1,000', Deduct	*-1.01*	
		For 316 Stainless Steel, Add	*15.50*	
		For 24 Gauge, Add	*13.46*	
		For 22 Gauge, Add	*26.92*	
		For 20 Gauge, Add	*40.38*	
		For 18 Gauge, Add	*67.71*	
		For Seamless Gutter, Add	*-0.52*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	60.08	6.52
		For Up To 100', Add	*7.63*	
		For >100' To 250', Add	*3.54*	
		For >1,000', Deduct	*-1.08*	
		For 316 Stainless Steel, Add	*18.73*	
		For 24 Gauge, Add	*16.27*	
		For 22 Gauge, Add	*32.54*	
		For 20 Gauge, Add	*48.81*	
		For 18 Gauge, Add	*81.84*	
		For Seamless Gutter, Add	*-0.85*	
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	65.30	6.92
		For Up To 100', Add	*8.25*	
		For >100' To 250', Add	*3.84*	
		For >1,000', Deduct	*-1.14*	
		For 316 Stainless Steel, Add	*20.47*	
		For 24 Gauge, Add	*17.77*	
		For 22 Gauge, Add	*35.55*	
		For 20 Gauge, Add	*53.32*	
		For 18 Gauge, Add	*89.41*	
		For Seamless Gutter, Add	*-0.98*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0241		**Stainless Steel Gutter End Caps** *(07 71 23 00-0228)*		
07 71 23 00-0242		**K-Style, Stainless Steel Gutter End Caps** *(07 71 23 00-0241)*		
07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	9.78	
		For 316 Stainless Steel, Add	*2.71*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	11.21	
		For 316 Stainless Steel, Add	*3.25*	
07 71 23 00-0245		**Half Round, Stainless Steel Gutter End Caps** *(07 71 23 00-0241)*		
07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	11.56	
		For 316 Stainless Steel, Add	*3.38*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	13.34	
		For 316 Stainless Steel, Add	*4.06*	
07 71 23 00-0248		**Box Style, Stainless Steel Gutter End Caps** *(07 71 23 00-0241)*		
07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	12.23	
		For 316 Stainless Steel, Add	*3.38*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	14.01	
		For 316 Stainless Steel, Add	*4.06*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	14.64	
		For 316 Stainless Steel, Add	*4.39*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	17.75	
		For 316 Stainless Steel, Add	*5.40*	
07 71 23 00-0253		**Stainless Steel Gutter Miters** *(07 71 23 00-0228)*		
		Note: Inside or outside box miters.		
07 71 23 00-0254		**K-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	50.24	
		For 316 Stainless Steel, Add	*13.98*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	79.66	
		For 316 Stainless Steel, Add	*24.81*	
07 71 23 00-0257		**Half Round, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	121.47	
		For 316 Stainless Steel, Add	*41.05*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	148.47	
		For 316 Stainless Steel, Add	*50.96*	
07 71 23 00-0260		**Box-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	57.60	
		For 316 Stainless Steel, Add	*16.78*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	92.72	
		For 316 Stainless Steel, Add	*29.77*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	106.72	
		For 316 Stainless Steel, Add	*34.74*	
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	120.84	
		For 316 Stainless Steel, Add	*39.70*	
07 71 23 00-0265		**Stainless Steel Gutter Wire Strainers** *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	47.83	3.33
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	48.95	3.33
07 71 23 00-0268		**Stainless Steel Downspouts** *(07 71 23 00-0228)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		**Round Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	18.17	3.20
		For Up To 100', Add	*2.34*	
		For >100 To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*5.59*	
		For 24 Gauge, Add	*4.85*	
		For 22 Gauge, Add	*9.71*	
		For 20 Gauge, Add	*14.56*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	23.88	3.20
		For Up To 100', Add	*2.91*	
		For >100 To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*7.76*	
		For 24 Gauge, Add	*6.74*	
		For 22 Gauge, Add	*13.48*	
		For 20 Gauge, Add	*20.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	34.66	3.20
		For Up To 100', Add	*3.99*	
		For >100 To 250', Add	*1.91*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*11.86*	
		For 24 Gauge, Add	*10.30*	
		For 22 Gauge, Add	*20.59*	
		For 20 Gauge, Add	*30.89*	

07 71 23 00-0273 Rectangular Stainless Steel Downspouts *(07 71 23 00-0268)*

07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	18.59	3.20
		For Up To 100', Add	*2.38*	
		For >100 To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*5.75*	
		For 24 Gauge, Add	*4.99*	
		For 22 Gauge, Add	*9.99*	
		For 20 Gauge, Add	*14.98*	
		For 18 Gauge, Add	*25.12*	
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	24.73	3.20
		For Up To 100', Add	*2.99*	
		For >100 To 250', Add	*1.41*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*8.08*	
		For 24 Gauge, Add	*7.02*	
		For 22 Gauge, Add	*14.04*	
		For 20 Gauge, Add	*21.06*	
		For 18 Gauge, Add	*35.31*	
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	31.92	3.20
		For Up To 100', Add	*3.71*	
		For >100 To 250', Add	*1.77*	
		For >1,000', Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*10.81*	
		For 24 Gauge, Add	*9.39*	
		For 22 Gauge, Add	*18.78*	
		For 20 Gauge, Add	*28.18*	
		For 18 Gauge, Add	*47.24*	

07 71 23 00-0277 Stainless Steel Devices *(07 71 23 00-0228)*

07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	279.82	29.94
		For 316 Stainless Steel, Add	*68.41*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	490.27	29.94
		For 316 Stainless Steel, Add	*161.02*	

07 71 23 00-0280 Vinyl Gutters And Downspouts *(07 71 23)*

07 71 23 00-0281 Vinyl Gutters *(07 71 23 00-0280)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0282 K-Style Vinyl Gutters *(07 71 23 00-0281)*

07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	12.42	3.33
		For Up To 100', Add	*2.07*	
		For >100' To 250', Add	*0.90*	
		For >1,000', Deduct	*-0.56*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	15.96	3.33
		For Up To 100', Add	*2.43*	
		For >100' To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.56*	

07 71 23 00-0285 Half Round Vinyl Gutters *(07 71 23 00-0281)*

07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	12.82	3.33
		For Up To 100', Add	*2.11*	
		For >100' To 250', Add	*0.92*	
		For >1,000', Deduct	*-0.56*	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	13.47	3.33
		For Up To 100', Add	*2.18*	
		For >100' To 250', Add	*0.95*	
		For >1,000', Deduct	*-0.56*	

07 71 23 00-0288 Vinyl Gutter End Caps *(07 71 23 00-0280)*

07 71 23 00-0289 K-Style, Vinyl Gutter End Caps *(07 71 23 00-0288)*

07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	7.64
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	10.58

07 71 23 00-0292 Half Round, Vinyl Gutter End Caps *(07 71 23 00-0288)*

07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	8.72
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	8.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0295		Vinyl Gutter Miters *(07 71 23 00-0280)* Note: Inside or outside miters.		
07 71 23 00-0296		K-Style, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	18.98	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	28.46	
07 71 23 00-0299		Half Round, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	18.98	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	20.61	
07 71 23 00-0302		Vinyl Downspouts *(07 71 23 00-0280)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		Round Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	8.15	3.20
		For Up To 100', Add	*1.33*	
		For >100 To 250', Add	*0.58*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	8.49	3.20
		For Up To 100', Add	*1.37*	
		For >100 To 250', Add	*0.60*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0306		Square Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	8.01	3.20
		For Up To 100', Add	*1.32*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0308		Rectangular Vinyl Downspouts *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	10.22	3.20
		For Up To 100', Add	*1.54*	
		For >100 To 250', Add	*0.68*	
		For >1,000', Deduct	*-0.35*	
07 71 23 00-0310		Gutter And Downspout Boots *(07 71 23)*		
07 71 23 00-0311		Cast Iron Roof Drainage Downspout Boots *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	348.20	4.79
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	454.05	4.79
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	542.07	4.79
07 71 23 00-0315		Cast Iron Roof Drainage Downspout Boots With Cleanouts *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	601.98	4.79
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	735.55	4.79
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,335.37	4.79
07 71 23 00-0319		Wall Mounted Downspout Covers With Hinged Perforated Cover *(07 71 23)*		
07 71 23 00-0320	EA	3" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,200.49	30.10
		For Polished Brass Finish (-PB), Add	*114.03*	
		For Chrome Plated Finish (-CP), Add	*171.05*	
		For Vandal Proof (-U), Add	*57.02*	
07 71 23 00-0321	EA	4" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,220.55	40.12
		For Polished Brass Finish (-PB), Add	*114.03*	
		For Chrome Plated Finish (-CP), Add	*171.05*	
		For Vandal Proof (-U), Add	*57.02*	
07 71 23 00-0322	EA	6" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,313.00	54.32
		For Polished Brass Finish (-PB), Add	*120.43*	
		For Chrome Plated Finish (-CP), Add	*180.65*	
		For Vandal Proof (-U), Add	*60.22*	
07 71 23 00-0323	EA	8" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,399.48	68.60
		For Polished Brass Finish (-PB), Add	*126.23*	
		For Chrome Plated Finish (-CP), Add	*189.34*	
		For Vandal Proof (-U), Add	*63.11*	
07 71 23 00-0324	EA	10" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,504.72	84.51
		For Polished Brass Finish (-PB), Add	*133.57*	
		For Chrome Plated Finish (-CP), Add	*200.36*	
		For Vandal Proof (-U), Add	*66.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0325	EA	12" Diameter PipeSize, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,652.81	117.99
		For Polished Brass Finish (-PB), Add	*141.68*	
		For Chrome Plated Finish (-CP), Add	*212.53*	
		For Vandal Proof (-U), Add	*70.84*	
07 71 23 00-0326	EA	15" Diameter Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,825.03	164.07
		For Polished Brass Finish (-PB), Add	*149.69*	
		For Chrome Plated Finish (-CP), Add	*224.53*	
		For Vandal Proof (-U), Add	*74.84*	

07 71 23 00-0327 Wall Mounted Downspout Nozzle *(07 71 23)*

07 71 23 00-0328	EA	3" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	306.35	30.10
		For Nickel Bronze Finish (-NB), Add	*172.32*	
		For Polished Bronze Finish (-PB), Add	*135.39*	
		For Chrome Plated Finish (-CP), Add	*219.09*	
07 71 23 00-0329	EA	4" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	326.41	40.12
		For Nickel Bronze Finish (-NB), Add	*172.32*	
		For Polished Bronze Finish (-PB), Add	*135.39*	
		For Chrome Plated Finish (-CP), Add	*219.09*	
07 71 23 00-0330	EA	6" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	692.61	54.32
		For Nickel Bronze Finish (-NB), Add	*175.19*	
		For Polished Bronze Finish (-PB), Add	*99.27*	
		For Chrome Plated Finish (-CP), Add	*256.94*	
07 71 23 00-0331	EA	8" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	1,023.61	68.60
		For Nickel Bronze Finish (-NB), Add	*150.69*	
		For Polished Bronze Finish (-PB), Add	*115.23*	
		For Chrome Plated Finish (-CP), Add	*257.06*	
07 71 23 00-0332	EA	10" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,319.82	84.51
		For Nickel Bronze Finish (-NB), Add	*195.64*	
		For Polished Bronze Finish (-PB), Add	*149.60*	
		For Chrome Plated Finish (-CP), Add	*333.73*	
07 71 23 00-0333	EA	12" Diameter Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,683.71	117.99
		For Nickel Bronze Finish (-NB), Add	*246.12*	
		For Polished Bronze Finish (-PB), Add	*188.21*	
		For Chrome Plated Finish (-CP), Add	*419.84*	

07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	3.99	0.92
		For Up To 100', Add	*0.68*	
		For >100' To 250', Add	*0.29*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	3.07	0.92
		For Up To 100', Add	*0.58*	
		For >100' To 250', Add	*0.25*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.81	1.15
		For Up To 100', Add	*2.03*	
		For >100' To 250', Add	*0.96*	
		For >1,000', Deduct	*-0.23*	
07 71 23 00-0338	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	24.08	1.15
		For Up To 100', Add	*2.76*	
		For >100' To 250', Add	*1.32*	
		For >1,000', Deduct	*-0.23*	
07 71 23 00-0339	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.80	1.15
		For Up To 100', Add	*1.56*	
		For >100' To 250', Add	*0.73*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0340	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.77	1.15
		For Up To 100', Add	*2.25*	
		For >100' To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.18*	
07 71 23 00-0341	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	185.61	
07 71 23 00-0342	LF	Cleanout Roof Gutters And Downspouts	2.17	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.90	6.08
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.08	6.08
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.40	6.08
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.63	6.08
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	21.32	6.08
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	22.12	6.08

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.93	6.08
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.20	6.08
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.66	6.08
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	24.43	6.08
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	25.44	6.08
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	26.61	6.08
07 71 26 00-0017		Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0018		KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.98	6.08
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.59	6.08
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.19	6.08
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.63	6.08
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.60	6.08
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	20.01	6.08
07 71 26 00-0025		Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.60	6.08
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.99	6.08
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.37	6.08
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.65	6.08
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.27	6.08
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	17.17	6.08
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.70	6.08
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.26	6.08
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.82	6.08
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.22	6.08
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	18.12	6.08
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.43	6.08
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.91	6.08
07 71 26 00-0042	LF	22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	23.21	6.08
07 71 26 00-0043	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	23.64	6.08
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0045		Copper Counter Flashing With Reglet *(07 71 26 00-0044)*		
07 71 26 00-0046	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	51.28	6.08

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,059.78	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,075.34	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,169.89	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,229.52	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,273.60	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,536.69	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,080.52	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,172.48	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,206.19	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,219.15	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,495.20	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,636.43	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,291.75	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,412.23	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,440.75	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,581.98	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*268.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,699.86	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,838.49	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*311.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,440.75	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,553.46	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,697.26	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,723.19	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*292.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,867.02	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*317.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,093.49	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,101.27	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,195.81	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,263.23	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,312.49	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,567.80	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*270.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,103.86	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,242.49	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,294.34	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,353.98	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,536.69	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,688.29	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,322.87	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,438.16	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,479.64	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,623.47	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,749.12	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*297.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,895.54	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*322.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,479.64	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,594.95	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*271.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,741.34	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*296.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,775.05	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,924.06	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*136.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*328.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,111.64	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,119.42	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,208.78	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,283.97	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,341.02	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,604.10	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,119.42	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,208.78	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,341.02	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,403.25	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,567.80	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*270.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,722.00	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*296.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,343.61	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,378.92	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,505.57	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,654.58	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,780.24	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*303.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,931.84	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*136.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*329.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,505.57	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,623.47	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,775.05	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,808.76	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*128.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*309.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,962.95	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*139.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*336.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,031.26	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.96	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,216.56	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,294.34	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,351.39	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,645.59	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*285.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,127.19	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,237.30	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,263.23	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,286.57	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,583.36	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,740.15	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*300.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,353.98	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,477.05	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,518.54	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,670.14	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*286.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,795.79	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*307.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,949.99	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*333.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,518.54	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,636.43	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,790.61	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*306.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,826.91	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*313.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,983.70	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*340.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,054.59	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,093.49	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,255.45	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,341.02	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,411.02	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*243.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,655.96	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,160.90	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,278.79	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,312.49	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,343.61	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,645.59	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*285.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,815.34	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*315.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,400.65	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,528.91	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,578.17	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*272.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,732.37	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*298.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,868.40	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*134.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*321.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,032.96	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*146.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*350.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,578.17	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*272.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,703.85	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*293.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,863.21	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*134.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*320.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,902.10	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*328.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,071.86	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*150.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*357.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,072.74	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,114.23	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*188.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,278.79	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,372.13	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*235.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,449.92	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*250.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,738.93	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*304.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,186.83	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,322.87	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,369.54	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,379.91	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,692.26	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*295.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,867.20	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*139.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*325.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,431.77	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,460.80	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,617.07	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,779.04	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*308.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,915.07	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*139.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*330.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,090.01	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*152.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*361.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,617.07	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,750.52	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,907.29	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*329.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,953.96	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*143.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*338.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,128.90	451.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*156.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*369.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0149		Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*		
		Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.		
07 72 13 00-0150		6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,015.17	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.33*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,157.67	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.83*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,323.69	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.69*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,437.47	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.45*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,590.41	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*274.70*	
07 72 13 00-0156		12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,223.83	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.06*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,417.23	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.74*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,509.45	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.84*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,582.16	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.38*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,770.71	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*310.76*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,747.43	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*227.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*501.76*	
07 72 13 00-0163		18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,566.64	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*278.62*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,764.39	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*318.17*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,086.00	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*169.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*378.15*	
07 72 13 00-0167		High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*		
07 72 13 00-0168	EA	38-1/2" Square Outside Dimensions, 24" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G24)	1,377.98	130.16
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.58*	
07 72 13 00-0169	EA	38-1/2" Square Outside Dimensions, 27" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G27)	1,464.66	130.16
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0170		**Wood, Prefabricated Roof Curbs** *(07 72 13)* Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0171		**Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0170)*		
07 72 13 00-0172		**2 x 6 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0171)*		
07 72 13 00-0173	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	873.43	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*139.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0174	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	973.48	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*155.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0175	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,031.02	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*167.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0176	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,024.38	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0177	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,039.87	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0178	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,164.26	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0179	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,035.45	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0180	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,184.18	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0181	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,357.72	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*219.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0182	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,144.34	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0183	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,257.68	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*203.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0184	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,401.98	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0185		**2 x 8 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0171)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0186	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	886.71	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0187	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	988.97	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0188	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,073.07	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0189	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,050.94	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0190	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,073.07	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0191	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,197.46	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0192	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,059.79	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0193	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,215.16	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0194	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,388.70	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0195	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,168.69	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0196	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,286.45	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0197	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,432.96	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0198 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0171)*

07 72 13 00-0199	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	895.56	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0200	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,004.46	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0201	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,077.49	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0202	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,066.43	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0203	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,092.98	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0204	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,219.59	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0205	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,075.28	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0206	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,235.08	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*203.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0207	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,408.62	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0208	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,184.18	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0209	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,304.15	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0210	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,455.09	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0211 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0171)*

07 72 13 00-0212	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	906.63	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0213	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,013.31	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0214	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,097.41	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0215	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,115.11	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0216	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,243.93	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0217	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,095.20	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0218	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,257.21	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0219	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,435.17	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0220	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,321.86	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0221		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0170)*		
07 72 13 00-0222		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*		
07 72 13 00-0223	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	891.14	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*143.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0224	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	988.97	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0225	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,059.79	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0226	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,044.30	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0227	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,064.21	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0228	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,190.82	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0229	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,055.36	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0230	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,208.52	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0231	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,382.06	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*224.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0232	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,170.90	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0233	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,282.02	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0234	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,432.96	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0235		**2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs** *(07 72 13 00-0221)*		
07 72 13 00-0236	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	906.63	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0237	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,006.68	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0238	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,086.34	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0239	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,070.85	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0240	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,099.62	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0241	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,230.65	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0242	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,086.34	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0243	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,246.14	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0244	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,424.11	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0245	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,199.67	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0246	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,315.22	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0247	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,470.58	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*242.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0248 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*

07 72 13 00-0249	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	919.91	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0250	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,024.38	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0251	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,112.90	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0252	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,090.77	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0253	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,126.18	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0254	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,259.42	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0255	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,106.26	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0256	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,270.49	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0257	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,450.66	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0258	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,221.80	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0259	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,339.56	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0260	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,499.35	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0261 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0262	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	946.46	277.67
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0263	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,037.66	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0264	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,132.82	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0265	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,148.31	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0266	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,343.52	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*225.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0267	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,170.44	312.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0268	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,347.94	347.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0269	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,539.18	416.50
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0270	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,421.44	381.79
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	

07 72 13 00-0271 Penetration Seals (ChemLink) *(07 72 13)*

07 72 13 00-0272 ChemCurb Penetration Seals (ChemLink ChemCurb) *(07 72 13 00-0271)*

07 72 13 00-0273	EA	5" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	139.05
07 72 13 00-0274	EA	7-1/2" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 7.5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	223.13

07 72 13 00-0275 E-Curb Penetration Seals (ChemLink E-Curb) *(07 72 13 00-0271)*

07 72 13 00-0276	EA	3" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 3-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	64.01
07 72 13 00-0277	EA	4" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 4-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	78.24
07 72 13 00-0278	EA	5" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 5-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	102.69
07 72 13 00-0279	EA	6" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 6-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	108.42
07 72 13 00-0280	EA	9" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 9-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	145.62

07 72 13 00-0281 ChemCurb And E-Curb Penetration Seals Accessories *(07 72 13 00-0271)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0282	EA	5" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs.	45.57	
07 72 13 00-0283	EA	12" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs.	50.79	
07 72 13 00-0284	EA	8" Long E-Curb Straight Piece For Penetration Seals (ChemLink) Note: For use with E-Curb seals too make rectangular or "L" shaped curbs.	20.36	
07 72 13 00-0285	EA	1/2 Gallon, 1-Part Pourable Penetration Sealant (ChemLink SS-Chem-F1426) Note: For use with ChemCurb and E-Curb seals.	82.42	
07 72 13 00-0286	EA	10.1 oz, M-1 Structural Adhesive/Sealant (ChemLink SS-Chem-F1270) Note: For use with ChemCurb and E-Curb seals.	26.33	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	192.05	37.20
		For Curb Or Flange Base, Add	*212.19*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	230.82	41.19
		For Curb Or Flange Base, Add	*233.08*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	248.65	49.16
		For Curb Or Flange Base, Add	*258.91*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	481.86	54.47
		For Curb Or Flange Base, Add	*419.80*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	665.20	61.11
		For Curb Or Flange Base, Add	*454.50*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	803.42	66.43
		For Curb Or Flange Base, Add	*493.43*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,027.34	74.40
		For Curb Or Flange Base, Add	*605.08*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,699.72	99.64
		For Curb Or Flange Base, Add	*995.18*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	164.93	37.20
		For Curb Or Flange Base, Add	*200.32*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	205.06	41.19
		For Curb Or Flange Base, Add	*220.82*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	230.06	49.16
		For Curb Or Flange Base, Add	*245.87*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	405.61	54.47
		For Curb Or Flange Base, Add	*412.92*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	522.30	61.11
		For Curb Or Flange Base, Add	*441.98*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	659.34	66.43
		For Curb Or Flange Base, Add	*497.25*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	888.55	74.40
		For Curb Or Flange Base, Add	*599.30*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,322.19	99.64
		For Curb Or Flange Base, Add	*898.04*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	161.56	37.20
		For Curb Or Flange Base, Add	*212.19*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	213.38	41.19
		For Curb Or Flange Base, Add	*233.08*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	234.35	49.16
		For Curb Or Flange Base, Add	*258.91*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	403.60	54.47
		For Curb Or Flange Base, Add	*419.80*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	467.14	61.11
		For Curb Or Flange Base, Add	*454.50*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	663.45	66.43
		For Curb Or Flange Base, Add	*493.43*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	865.12	74.40
		For Curb Or Flange Base, Add	*605.08*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,254.70	99.64
		For Curb Or Flange Base, Add	*995.18*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	158.72	37.20
		For Curb Or Flange Base, Add	*200.32*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	208.77	41.19
		For Curb Or Flange Base, Add	*220.82*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	233.18	49.16
		For Curb Or Flange Base, Add	*245.87*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	376.38	54.47
		For Curb Or Flange Base, Add	*412.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	472.64	61.11
		For Curb Or Flange Base, Add	*441.98*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	578.62	66.43
		For Curb Or Flange Base, Add	*497.25*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	826.49	74.40
		For Curb Or Flange Base, Add	*599.30*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,242.86	99.64
		For Curb Or Flange Base, Add	*898.04*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	326.64	59.79
		For Backdraft Damper, Add	*168.58*	
		For Curb Base, Add	*252.86*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	402.08	66.43
		For Backdraft Damper, Add	*184.44*	
		For Curb Base, Add	*276.62*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	455.12	79.72
		For Backdraft Damper, Add	*251.87*	
		For Curb Base, Add	*350.58*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	554.39	87.69
		For Backdraft Damper, Add	*287.57*	
		For Curb Base, Add	*406.08*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,467.06	119.57
		For Backdraft Damper, Add	*360.95*	
		For Curb Base, Add	*534.80*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,791.21	138.17
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*639.14*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,439.33	159.43
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*665.47*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,426.48	172.72
		For Backdraft Damper, Add	*446.23*	
		For Curb Base, Add	*689.86*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	4,927.29	186.00
		For Backdraft Damper, Add	*495.81*	
		For Curb Base, Add	*775.72*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	676.56	66.43
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	789.88	87.69
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,139.83	119.57
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,787.02	138.17

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	16.13	3.85
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	61.43	23.95
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	56.86	23.95

07 72 26 00-0005 Galvanized Ridge Vents *(07 72 26)*

07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	14.83	4.13

07 72 29 Rafter Vent *(07 72)*

07 72 29 00-0001 Rafter Vent *(07 72 29)*

Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 72 29 00-0002	EA	22" x 4' Rafter Vent	11.12	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	10.01	

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001 Galvanized Steel Cover And Curb *(07 72 33)*

07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch	900.68	172.66
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch	1,251.32	191.84
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch	2,121.34	261.62
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch	1,220.71	191.84
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,373.39	213.18
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	2,188.57	290.76

07 72 33 00-0008 Aluminum Cover And Curb *(07 72 33)*

07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch	1,021.68	172.66
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch	1,300.82	191.84
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch	2,291.84	261.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch	1,264.71	191.84
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch	2,154.39	213.18
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,408.57	290.76
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight	1,395.68	191.84
07 72 33 00-0016		Steel, Plain, Primed *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed	871.80	172.66
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,131.39	191.84
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed	1,548.55	261.62
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,050.21	191.84
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,263.39	213.18
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	1,715.57	290.76
07 72 33 00-0023		Stainless Steel *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch	3,076.07	172.66
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch	5,881.72	191.84
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch	8,843.88	261.62
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch	4,721.19	191.84
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	9,972.09	213.18
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	11,170.68	290.76
07 72 33 00-0030		Removal And Reinstallation Of Roof Hatch *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch, All Types	531.06	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	994.18	191.84
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,273.32	213.18
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	2,220.34	290.64
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,242.71	197.83
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,093.89	219.18
07 72 33 00-0038		Roof Hatch Accessories *(07 72 33)*		
07 72 33 00-0039	EA	Enamel Steel, Roof Hatch Ladderup Safety Post	530.80	89.93
07 72 33 00-0040		Roof Hatch Safety Railing *(07 72 33)*		
		Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,112.81	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,193.50	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,248.32	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,446.21	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,674.67	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,417.95	
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		Fire Vent *(07 72 36)*		
07 72 36 00-0002		Galvanized Steel Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	1,955.80	159.95
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	2,276.74	219.89
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	2,587.21	239.92
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	2,643.70	251.91
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,013.74	219.89
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,208.71	239.92
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,392.67	259.94
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,851.64	279.97
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,745.11	299.87
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,222.17	259.94
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,612.10	319.90
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,743.57	339.92
07 72 36 00-0015		Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,021.80	159.95
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,337.24	219.89
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,625.71	239.92
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,720.70	251.91
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,628.74	219.89
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,335.21	239.92
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,568.67	259.94
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,488.64	279.97
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,849.61	299.87
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,376.17	259.94
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,320.60	319.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,358.57	339.92
07 72 36 00-0028		**Aluminum Covers And Curb** *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,197.80	159.95
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,628.74	219.89
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	2,884.21	239.92
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,050.70	251.91
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	2,760.74	219.89
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,472.71	239.92
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,689.67	259.94
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,818.64	279.97
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,613.11	299.87
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	3,530.17	259.94
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,887.10	319.90
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,688.57	339.92
07 72 36 00-0041		**Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb** *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,175.80	159.46
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,766.23	219.89
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,935.19	251.91
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,123.74	219.89
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,323.65	279.97

07 72 38 Roof Dormers *(07 72)*

07 72 38 13 Roof Dormer Vent *(07 72 38)*

07 72 38 13-0001 Copper Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers and fabricated with sturdy wooden framing.

07 72 38 13-0002 Half Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0003	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	461.32	75.85
07 72 38 13-0004	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	576.08	75.85
07 72 38 13-0005	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	706.24	75.85
07 72 38 13-0006	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	803.86	75.85
07 72 38 13-0007	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	920.33	75.85
07 72 38 13-0008	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,033.37	75.85
07 72 38 13-0009	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,148.12	75.85
07 72 38 13-0010	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,262.87	75.85
07 72 38 13-0011	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,377.62	75.85
07 72 38 13-0012	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,490.66	75.85
07 72 38 13-0013	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,605.41	75.85
07 72 38 13-0014	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,720.16	75.85
07 72 38 13-0015	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	831.27	75.85
07 72 38 13-0016	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	946.02	75.85
07 72 38 13-0017	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,076.18	75.85
07 72 38 13-0018	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,173.81	75.85
07 72 38 13-0019	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,290.27	75.85
07 72 38 13-0020	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,403.31	75.85
07 72 38 13-0021	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,518.06	75.85
07 72 38 13-0022	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,632.81	75.85
07 72 38 13-0023	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,747.56	75.85
07 72 38 13-0024	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,860.60	75.85
07 72 38 13-0025	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,975.35	75.85
07 72 38 13-0026	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,090.10	75.85
07 72 38 13-0027	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	544.94	91.82
07 72 38 13-0028	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	659.69	91.82
07 72 38 13-0029	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	789.86	91.82
07 72 38 13-0030	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	887.48	91.82
07 72 38 13-0031	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,003.95	91.82
07 72 38 13-0032	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,116.99	91.82
07 72 38 13-0033	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,231.74	91.82
07 72 38 13-0034	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,346.49	91.82
07 72 38 13-0035	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,461.24	91.82
07 72 38 13-0036	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,574.28	91.82
07 72 38 13-0037	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,689.03	91.82
07 72 38 13-0038	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,803.78	91.82
07 72 38 13-0039	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	914.89	91.82
07 72 38 13-0040	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,029.64	91.82
07 72 38 13-0041	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,159.80	91.82
07 72 38 13-0042	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,257.43	91.82
07 72 38 13-0043	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,373.89	91.82
07 72 38 13-0044	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,486.93	91.82
07 72 38 13-0045	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,601.68	91.82
07 72 38 13-0046	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,716.43	91.82
07 72 38 13-0047	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,831.18	91.82
07 72 38 13-0048	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,944.22	91.82
07 72 38 13-0049	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,058.97	91.82
07 72 38 13-0050	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,173.72	91.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0051	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	633.98	102.46
07 72 38 13-0052	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	748.73	102.46
07 72 38 13-0053	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	878.89	102.46
07 72 38 13-0054	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	976.52	102.46
07 72 38 13-0055	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,092.98	102.46
07 72 38 13-0056	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,206.02	102.46
07 72 38 13-0057	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,320.77	102.46
07 72 38 13-0058	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,435.52	102.46
07 72 38 13-0059	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,550.27	102.46
07 72 38 13-0060	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,663.31	102.46
07 72 38 13-0061	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,778.06	102.46
07 72 38 13-0062	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,892.81	102.46
07 72 38 13-0063	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,003.92	102.46
07 72 38 13-0064	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,118.67	102.46
07 72 38 13-0065	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,248.84	102.46
07 72 38 13-0066	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,346.46	102.46
07 72 38 13-0067	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,462.93	102.46
07 72 38 13-0068	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,575.96	102.46
07 72 38 13-0069	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,690.71	102.46
07 72 38 13-0070	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,805.47	102.46
07 72 38 13-0071	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,920.22	102.46
07 72 38 13-0072	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,033.25	102.46
07 72 38 13-0073	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,148.01	102.46
07 72 38 13-0074	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,262.76	102.46
07 72 38 13-0075	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	739.67	117.11
07 72 38 13-0076	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	854.42	117.11
07 72 38 13-0077	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	984.59	117.11
07 72 38 13-0078	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,082.21	117.11
07 72 38 13-0079	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,198.67	117.11
07 72 38 13-0080	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,311.71	117.11
07 72 38 13-0081	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,426.46	117.11
07 72 38 13-0082	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,541.21	117.11
07 72 38 13-0083	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,655.96	117.11
07 72 38 13-0084	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,769.00	117.11
07 72 38 13-0085	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,883.75	117.11
07 72 38 13-0086	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,998.50	117.11
07 72 38 13-0087	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,109.61	117.11
07 72 38 13-0088	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,224.36	117.11
07 72 38 13-0089	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,354.53	117.11
07 72 38 13-0090	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,452.15	117.11
07 72 38 13-0091	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,568.62	117.11
07 72 38 13-0092	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,681.66	117.11
07 72 38 13-0093	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,796.41	117.11
07 72 38 13-0094	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,911.16	117.11
07 72 38 13-0095	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,025.91	117.11
07 72 38 13-0096	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,138.95	117.11
07 72 38 13-0097	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,253.70	117.11
07 72 38 13-0098	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,368.45	117.11
07 72 38 13-0099	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,048.13	130.40
07 72 38 13-0100	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,162.88	130.40
07 72 38 13-0101	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,293.04	130.40
07 72 38 13-0102	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,390.67	130.40
07 72 38 13-0103	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,507.13	130.40
07 72 38 13-0104	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,620.17	130.40
07 72 38 13-0105	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,734.92	130.40
07 72 38 13-0106	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,849.67	130.40
07 72 38 13-0107	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,964.42	130.40
07 72 38 13-0108	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,077.46	130.40
07 72 38 13-0109	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,192.21	130.40
07 72 38 13-0110	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,306.96	130.40
07 72 38 13-0111	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,418.07	130.40
07 72 38 13-0112	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,532.82	130.40
07 72 38 13-0113	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,662.99	130.40
07 72 38 13-0114	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,760.61	130.40
07 72 38 13-0115	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,877.07	130.40
07 72 38 13-0116	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,990.11	130.40
07 72 38 13-0117	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,104.86	130.40
07 72 38 13-0118	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,219.61	130.40
07 72 38 13-0119	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,334.37	130.40
07 72 38 13-0120	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,447.40	130.40
07 72 38 13-0121	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,562.15	130.40
07 72 38 13-0122	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,676.91	130.40
07 72 38 13-0123	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,415.07	130.40
07 72 38 13-0124	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,547.11	141.06
07 72 38 13-0125	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,677.28	141.06
07 72 38 13-0126	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,774.90	141.06
07 72 38 13-0127	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,891.37	141.06
07 72 38 13-0128	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,004.41	141.06
07 72 38 13-0129	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,119.16	141.06
07 72 38 13-0130	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,233.91	141.06
07 72 38 13-0131	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,348.66	141.06
07 72 38 13-0132	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,461.70	141.06
07 72 38 13-0133	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,576.45	141.06

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0134	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,691.20	141.06
07 72 38 13-0135	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,802.31	141.06
07 72 38 13-0136	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,917.06	141.06
07 72 38 13-0137	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,047.22	141.06
07 72 38 13-0138	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,144.85	141.06
07 72 38 13-0139	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,261.31	141.06
07 72 38 13-0140	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,374.35	141.06
07 72 38 13-0141	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,489.10	141.06
07 72 38 13-0142	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,603.85	141.06
07 72 38 13-0143	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,718.60	141.06
07 72 38 13-0144	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,831.64	141.06
07 72 38 13-0145	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,946.39	141.06
07 72 38 13-0146	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,061.14	141.06

07 72 38 13-0147 Third Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0148	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	695.16	117.11
07 72 38 13-0149	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	809.91	117.11
07 72 38 13-0150	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	940.07	117.11
07 72 38 13-0151	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,037.70	117.11
07 72 38 13-0152	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,154.16	117.11
07 72 38 13-0153	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,267.20	117.11
07 72 38 13-0154	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,381.95	117.11
07 72 38 13-0155	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,496.70	117.11
07 72 38 13-0156	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,611.45	117.11
07 72 38 13-0157	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,724.49	117.11
07 72 38 13-0158	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,839.24	117.11
07 72 38 13-0159	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,953.99	117.11
07 72 38 13-0160	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	910.96	117.11
07 72 38 13-0161	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,025.71	117.11
07 72 38 13-0162	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,155.87	117.11
07 72 38 13-0163	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,253.50	117.11
07 72 38 13-0164	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,369.96	117.11
07 72 38 13-0165	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,483.00	117.11
07 72 38 13-0166	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,597.75	117.11
07 72 38 13-0167	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,712.50	117.11
07 72 38 13-0168	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,827.25	117.11
07 72 38 13-0169	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,940.29	117.11
07 72 38 13-0170	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,055.04	117.11
07 72 38 13-0171	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,169.79	117.11
07 72 38 13-0172	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	791.50	130.40
07 72 38 13-0173	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	906.25	130.40
07 72 38 13-0174	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,036.41	130.40
07 72 38 13-0175	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,134.04	130.40
07 72 38 13-0176	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,250.50	130.40
07 72 38 13-0177	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,363.54	130.40
07 72 38 13-0178	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,478.29	130.40
07 72 38 13-0179	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,593.04	130.40
07 72 38 13-0180	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,707.79	130.40
07 72 38 13-0181	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,820.83	130.40
07 72 38 13-0182	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,935.58	130.40
07 72 38 13-0183	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,050.33	130.40
07 72 38 13-0184	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,007.30	130.40
07 72 38 13-0185	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,122.05	130.40
07 72 38 13-0186	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,252.21	130.40
07 72 38 13-0187	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,349.84	130.40
07 72 38 13-0188	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,466.30	130.40
07 72 38 13-0189	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,579.34	130.40
07 72 38 13-0190	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,694.09	130.40
07 72 38 13-0191	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,808.84	130.40
07 72 38 13-0192	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,923.59	130.40
07 72 38 13-0193	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,036.63	130.40
07 72 38 13-0194	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,151.38	130.40
07 72 38 13-0195	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,266.13	130.40
07 72 38 13-0196	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,008.31	130.40
07 72 38 13-0197	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,140.35	141.06
07 72 38 13-0198	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,270.51	141.06
07 72 38 13-0199	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,368.14	141.06
07 72 38 13-0200	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,484.60	141.06
07 72 38 13-0201	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,597.64	141.06
07 72 38 13-0202	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,712.39	141.06
07 72 38 13-0203	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,827.14	141.06
07 72 38 13-0204	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,941.89	141.06
07 72 38 13-0205	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,054.93	141.06
07 72 38 13-0206	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,169.68	141.06
07 72 38 13-0207	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,284.43	141.06
07 72 38 13-0208	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,241.40	141.06
07 72 38 13-0209	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,356.15	141.06
07 72 38 13-0210	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,486.31	141.06
07 72 38 13-0211	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,583.94	141.06
07 72 38 13-0212	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,700.40	141.06
07 72 38 13-0213	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,813.44	141.06
07 72 38 13-0214	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,928.19	141.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0215	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,042.94	141.06
07 72 38 13-0216	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,157.69	141.06
07 72 38 13-0217	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,270.73	141.06
07 72 38 13-0218	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,385.48	141.06
07 72 38 13-0219	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,500.23	141.06
07 72 38 13-0220		Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-0221	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	779.78	75.85
07 72 38 13-0222	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	894.53	75.85
07 72 38 13-0223	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,024.70	75.85
07 72 38 13-0224	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,122.32	75.85
07 72 38 13-0225	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,238.79	75.85
07 72 38 13-0226	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,351.83	75.85
07 72 38 13-0227	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,466.58	75.85
07 72 38 13-0228	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,581.33	75.85
07 72 38 13-0229	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,696.08	75.85
07 72 38 13-0230	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,809.12	75.85
07 72 38 13-0231	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,923.87	75.85
07 72 38 13-0232	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,038.62	75.85
07 72 38 13-0233	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,149.73	75.85
07 72 38 13-0234	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,264.48	75.85
07 72 38 13-0235	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,394.64	75.85
07 72 38 13-0236	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,492.27	75.85
07 72 38 13-0237	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,608.73	75.85
07 72 38 13-0238	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,721.77	75.85
07 72 38 13-0239	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,836.52	75.85
07 72 38 13-0240	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,951.27	75.85
07 72 38 13-0241	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,066.02	75.85
07 72 38 13-0242	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,179.06	75.85
07 72 38 13-0243	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,293.81	75.85
07 72 38 13-0244	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,408.56	75.85
07 72 38 13-0245	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	838.97	75.85
07 72 38 13-0246	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	953.73	75.85
07 72 38 13-0247	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,083.89	75.85
07 72 38 13-0248	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,181.51	75.85
07 72 38 13-0249	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,297.98	75.85
07 72 38 13-0250	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,411.02	75.85
07 72 38 13-0251	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,525.77	75.85
07 72 38 13-0252	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,640.52	75.85
07 72 38 13-0253	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,755.27	75.85
07 72 38 13-0254	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,868.31	75.85
07 72 38 13-0255	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,983.06	75.85
07 72 38 13-0256	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,097.81	75.85
07 72 38 13-0257	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,208.92	75.85
07 72 38 13-0258	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,323.67	75.85
07 72 38 13-0259	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,453.83	75.85
07 72 38 13-0260	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,551.46	75.85
07 72 38 13-0261	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,667.92	75.85
07 72 38 13-0262	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,780.96	75.85
07 72 38 13-0263	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,895.71	75.85
07 72 38 13-0264	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,010.46	75.85
07 72 38 13-0265	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,125.21	75.85
07 72 38 13-0266	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,238.25	75.85
07 72 38 13-0267	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,353.00	75.85
07 72 38 13-0268	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,467.75	75.85
07 72 38 13-0269	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	940.53	91.82
07 72 38 13-0270	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,055.28	91.82
07 72 38 13-0271	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,185.44	91.82
07 72 38 13-0272	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,283.07	91.82
07 72 38 13-0273	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,399.53	91.82
07 72 38 13-0274	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,512.57	91.82
07 72 38 13-0275	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,627.32	91.82
07 72 38 13-0276	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,742.07	91.82
07 72 38 13-0277	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,856.82	91.82
07 72 38 13-0278	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,969.86	91.82
07 72 38 13-0279	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,084.61	91.82
07 72 38 13-0280	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,199.36	91.82
07 72 38 13-0281	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,310.47	91.82
07 72 38 13-0282	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,425.22	91.82
07 72 38 13-0283	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,555.39	91.82
07 72 38 13-0284	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,653.01	91.82
07 72 38 13-0285	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,769.47	91.82
07 72 38 13-0286	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,882.51	91.82
07 72 38 13-0287	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,997.26	91.82
07 72 38 13-0288	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,112.01	91.82
07 72 38 13-0289	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,226.76	91.82
07 72 38 13-0290	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,339.80	91.82
07 72 38 13-0291	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,454.55	91.82
07 72 38 13-0292	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,569.30	91.82
07 72 38 13-0293	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,045.75	91.82
07 72 38 13-0294	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,160.51	91.82
07 72 38 13-0295	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,290.67	91.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0296	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,388.29	91.82
07 72 38 13-0297	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,504.76	91.82
07 72 38 13-0298	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,617.80	91.82
07 72 38 13-0299	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,732.55	91.82
07 72 38 13-0300	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,847.30	91.82
07 72 38 13-0301	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,962.05	91.82
07 72 38 13-0302	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,075.09	91.82
07 72 38 13-0303	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,189.84	91.82
07 72 38 13-0304	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,304.59	91.82
07 72 38 13-0305	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,415.70	91.82
07 72 38 13-0306	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,530.45	91.82
07 72 38 13-0307	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,660.61	91.82
07 72 38 13-0308	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,758.24	91.82
07 72 38 13-0309	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,874.70	91.82
07 72 38 13-0310	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,987.74	91.82
07 72 38 13-0311	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,102.49	91.82
07 72 38 13-0312	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,217.24	91.82
07 72 38 13-0313	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,331.99	91.82
07 72 38 13-0314	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,445.03	91.82
07 72 38 13-0315	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,559.78	91.82
07 72 38 13-0316	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,674.53	91.82
07 72 38 13-0317	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,135.39	102.46
07 72 38 13-0318	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,250.14	102.46
07 72 38 13-0319	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,380.30	102.46
07 72 38 13-0320	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,477.93	102.46
07 72 38 13-0321	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,594.39	102.46
07 72 38 13-0322	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,707.43	102.46
07 72 38 13-0323	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,822.18	102.46
07 72 38 13-0324	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,936.93	102.46
07 72 38 13-0325	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,051.68	102.46
07 72 38 13-0326	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,164.72	102.46
07 72 38 13-0327	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,279.47	102.46
07 72 38 13-0328	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,394.22	102.46
07 72 38 13-0329	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,505.33	102.46
07 72 38 13-0330	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,620.08	102.46
07 72 38 13-0331	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,750.25	102.46
07 72 38 13-0332	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,847.87	102.46
07 72 38 13-0333	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,964.34	102.46
07 72 38 13-0334	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,077.37	102.46
07 72 38 13-0335	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,192.12	102.46
07 72 38 13-0336	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,306.88	102.46
07 72 38 13-0337	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,421.63	102.46
07 72 38 13-0338	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,534.66	102.46
07 72 38 13-0339	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,649.42	102.46
07 72 38 13-0340	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,764.17	102.46
07 72 38 13-0341	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,299.81	102.46
07 72 38 13-0342	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,414.56	102.46
07 72 38 13-0343	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,544.72	102.46
07 72 38 13-0344	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,642.35	102.46
07 72 38 13-0345	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,758.81	102.46
07 72 38 13-0346	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,871.85	102.46
07 72 38 13-0347	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,986.60	102.46
07 72 38 13-0348	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,101.35	102.46
07 72 38 13-0349	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,216.10	102.46
07 72 38 13-0350	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,329.14	102.46
07 72 38 13-0351	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,443.89	102.46
07 72 38 13-0352	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,558.64	102.46
07 72 38 13-0353	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,669.75	102.46
07 72 38 13-0354	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,784.50	102.46
07 72 38 13-0355	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,914.67	102.46
07 72 38 13-0356	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,012.29	102.46
07 72 38 13-0357	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,128.75	102.46
07 72 38 13-0358	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,241.79	102.46
07 72 38 13-0359	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,356.54	102.46
07 72 38 13-0360	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,471.29	102.46
07 72 38 13-0361	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,586.05	102.46
07 72 38 13-0362	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,699.08	102.46
07 72 38 13-0363	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,813.83	102.46
07 72 38 13-0364	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,928.59	102.46
07 72 38 13-0365	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,373.71	117.11
07 72 38 13-0366	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,488.46	117.11
07 72 38 13-0367	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,618.63	117.11
07 72 38 13-0368	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,716.25	117.11
07 72 38 13-0369	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,832.72	117.11
07 72 38 13-0370	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,945.75	117.11
07 72 38 13-0371	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,060.50	117.11
07 72 38 13-0372	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,175.26	117.11
07 72 38 13-0373	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,290.01	117.11
07 72 38 13-0374	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,403.04	117.11
07 72 38 13-0375	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,517.80	117.11
07 72 38 13-0376	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,632.55	117.11
07 72 38 13-0377	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,743.66	117.11
07 72 38 13-0378	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,858.41	117.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0379	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,988.57	117.11
07 72 38 13-0380	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,086.20	117.11
07 72 38 13-0381	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,202.66	117.11
07 72 38 13-0382	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,315.70	117.11
07 72 38 13-0383	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,430.45	117.11
07 72 38 13-0384	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,545.20	117.11
07 72 38 13-0385	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,659.95	117.11
07 72 38 13-0386	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,772.99	117.11
07 72 38 13-0387	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,887.74	117.11
07 72 38 13-0388	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,002.49	117.11
07 72 38 13-0389	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,610.48	117.11
07 72 38 13-0390	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,725.23	117.11
07 72 38 13-0391	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,855.39	117.11
07 72 38 13-0392	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,953.02	117.11
07 72 38 13-0393	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,069.48	117.11
07 72 38 13-0394	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,182.52	117.11
07 72 38 13-0395	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,297.27	117.11
07 72 38 13-0396	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,412.02	117.11
07 72 38 13-0397	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,526.77	117.11
07 72 38 13-0398	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,639.81	117.11
07 72 38 13-0399	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,754.56	117.11
07 72 38 13-0400	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,869.31	117.11
07 72 38 13-0401	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,980.42	117.11
07 72 38 13-0402	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,095.17	117.11
07 72 38 13-0403	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,225.33	117.11
07 72 38 13-0404	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,322.96	117.11
07 72 38 13-0405	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,439.42	117.11
07 72 38 13-0406	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,552.46	117.11
07 72 38 13-0407	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,667.21	117.11
07 72 38 13-0408	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,781.96	117.11
07 72 38 13-0409	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,896.71	117.11
07 72 38 13-0410	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,009.75	117.11
07 72 38 13-0411	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,124.50	117.11
07 72 38 13-0412	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,239.25	117.11
07 72 38 13-0413	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,650.18	130.40
07 72 38 13-0414	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,764.93	130.40
07 72 38 13-0415	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,895.09	130.40
07 72 38 13-0416	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,992.72	130.40
07 72 38 13-0417	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,109.18	130.40
07 72 38 13-0418	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,222.22	130.40
07 72 38 13-0419	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,336.97	130.40
07 72 38 13-0420	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,451.72	130.40
07 72 38 13-0421	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,566.47	130.40
07 72 38 13-0422	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,679.51	130.40
07 72 38 13-0423	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,794.26	130.40
07 72 38 13-0424	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,909.01	130.40
07 72 38 13-0425	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,020.12	130.40
07 72 38 13-0426	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,134.87	130.40
07 72 38 13-0427	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,265.04	130.40
07 72 38 13-0428	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,362.66	130.40
07 72 38 13-0429	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,479.12	130.40
07 72 38 13-0430	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,592.16	130.40
07 72 38 13-0431	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,706.91	130.40
07 72 38 13-0432	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,821.66	130.40
07 72 38 13-0433	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,936.41	130.40
07 72 38 13-0434	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,049.45	130.40
07 72 38 13-0435	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,164.20	130.40
07 72 38 13-0436	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,278.95	130.40
07 72 38 13-0437	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,972.44	129.98
07 72 38 13-0438	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,087.19	129.98
07 72 38 13-0439	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,217.35	129.98
07 72 38 13-0440	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,314.98	129.98
07 72 38 13-0441	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,431.44	129.98
07 72 38 13-0442	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,544.48	129.98
07 72 38 13-0443	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,659.23	129.98
07 72 38 13-0444	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,773.98	129.98
07 72 38 13-0445	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,888.73	129.98
07 72 38 13-0446	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,001.77	129.98
07 72 38 13-0447	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,116.52	129.98
07 72 38 13-0448	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,231.27	129.98
07 72 38 13-0449	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,342.38	129.98
07 72 38 13-0450	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,457.13	129.98
07 72 38 13-0451	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,587.30	129.98
07 72 38 13-0452	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,684.92	129.98
07 72 38 13-0453	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,801.38	129.98
07 72 38 13-0454	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,914.42	129.98
07 72 38 13-0455	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,029.17	129.98
07 72 38 13-0456	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,143.92	129.98
07 72 38 13-0457	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,258.68	129.98
07 72 38 13-0458	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,371.71	129.98
07 72 38 13-0459	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,486.46	129.98
07 72 38 13-0460	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,601.22	129.98
07 72 38 13-0461	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,946.13	129.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0462	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,078.17	141.40
07 72 38 13-0463	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,208.34	141.40
07 72 38 13-0464	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,305.96	141.40
07 72 38 13-0465	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,422.42	141.40
07 72 38 13-0466	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,535.46	141.40
07 72 38 13-0467	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,650.21	141.40
07 72 38 13-0468	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,764.96	141.40
07 72 38 13-0469	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,879.72	141.40
07 72 38 13-0470	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,992.75	141.40
07 72 38 13-0471	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,107.50	141.40
07 72 38 13-0472	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,222.26	141.40
07 72 38 13-0473	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,333.36	141.40
07 72 38 13-0474	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,448.11	141.40
07 72 38 13-0475	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,578.28	141.40
07 72 38 13-0476	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,675.90	141.40
07 72 38 13-0477	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,792.37	141.40
07 72 38 13-0478	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,905.41	141.40
07 72 38 13-0479	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,020.16	141.40
07 72 38 13-0480	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,134.91	141.40
07 72 38 13-0481	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,249.66	141.40
07 72 38 13-0482	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,362.70	141.40
07 72 38 13-0483	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,477.45	141.40
07 72 38 13-0484	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,592.20	141.40
07 72 38 13-0485	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,367.04	129.98
07 72 38 13-0486	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,499.08	141.40
07 72 38 13-0487	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,629.25	141.40
07 72 38 13-0488	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,726.87	141.40
07 72 38 13-0489	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,843.34	141.40
07 72 38 13-0490	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,956.38	141.40
07 72 38 13-0491	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,071.13	141.40
07 72 38 13-0492	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,185.88	141.40
07 72 38 13-0493	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,300.63	141.40
07 72 38 13-0494	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,413.67	141.40
07 72 38 13-0495	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,528.42	141.40
07 72 38 13-0496	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,643.17	141.40
07 72 38 13-0497	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,754.28	141.40
07 72 38 13-0498	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,869.03	141.40
07 72 38 13-0499	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,999.19	141.40
07 72 38 13-0500	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,096.82	141.40
07 72 38 13-0501	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,213.28	141.40
07 72 38 13-0502	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,326.32	141.40
07 72 38 13-0503	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,441.07	141.40
07 72 38 13-0504	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,555.82	141.40
07 72 38 13-0505	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,670.57	141.40
07 72 38 13-0506	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,783.61	141.40
07 72 38 13-0507	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,898.36	141.40
07 72 38 13-0508	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,013.11	141.40

07 72 38 13-0509 Arched Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0510	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	868.54	75.85
07 72 38 13-0511	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	983.29	75.85
07 72 38 13-0512	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,113.45	75.85
07 72 38 13-0513	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,211.08	75.85
07 72 38 13-0514	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,327.54	75.85
07 72 38 13-0515	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,440.58	75.85
07 72 38 13-0516	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,555.33	75.85
07 72 38 13-0517	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,670.08	75.85
07 72 38 13-0518	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,784.83	75.85
07 72 38 13-0519	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,897.87	75.85
07 72 38 13-0520	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,012.62	75.85
07 72 38 13-0521	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,127.37	75.85
07 72 38 13-0522	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,238.48	75.85
07 72 38 13-0523	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,353.23	75.85
07 72 38 13-0524	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,483.40	75.85
07 72 38 13-0525	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,581.02	75.85
07 72 38 13-0526	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,697.48	75.85
07 72 38 13-0527	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,810.52	75.85
07 72 38 13-0528	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,925.27	75.85
07 72 38 13-0529	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,040.02	75.85
07 72 38 13-0530	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,154.77	75.85
07 72 38 13-0531	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,267.81	75.85
07 72 38 13-0532	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,382.56	75.85
07 72 38 13-0533	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,497.31	75.85
07 72 38 13-0534	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	938.31	75.85
07 72 38 13-0535	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,053.06	75.85
07 72 38 13-0536	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,183.23	75.85
07 72 38 13-0537	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,280.85	75.85
07 72 38 13-0538	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,397.31	75.85
07 72 38 13-0539	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,510.35	75.85
07 72 38 13-0540	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,625.10	75.85
07 72 38 13-0541	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,739.85	75.85
07 72 38 13-0542	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,854.61	75.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0543	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,967.64	75.85
07 72 38 13-0544	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,082.39	75.85
07 72 38 13-0545	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,197.15	75.85
07 72 38 13-0546	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,308.25	75.85
07 72 38 13-0547	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,423.01	75.85
07 72 38 13-0548	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,553.17	75.85
07 72 38 13-0549	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,650.79	75.85
07 72 38 13-0550	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,767.26	75.85
07 72 38 13-0551	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,880.30	75.85
07 72 38 13-0552	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,995.05	75.85
07 72 38 13-0553	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,109.80	75.85
07 72 38 13-0554	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,224.55	75.85
07 72 38 13-0555	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,337.59	75.85
07 72 38 13-0556	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,452.34	75.85
07 72 38 13-0557	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,567.09	75.85
07 72 38 13-0558	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,053.98	91.82
07 72 38 13-0559	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,168.73	91.82
07 72 38 13-0560	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,298.89	91.82
07 72 38 13-0561	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,396.52	91.82
07 72 38 13-0562	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,512.98	91.82
07 72 38 13-0563	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,626.02	91.82
07 72 38 13-0564	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,740.77	91.82
07 72 38 13-0565	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,855.52	91.82
07 72 38 13-0566	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,970.27	91.82
07 72 38 13-0567	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,083.31	91.82
07 72 38 13-0568	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,198.06	91.82
07 72 38 13-0569	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,312.81	91.82
07 72 38 13-0570	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,423.92	91.82
07 72 38 13-0571	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,538.67	91.82
07 72 38 13-0572	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,668.83	91.82
07 72 38 13-0573	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,766.46	91.82
07 72 38 13-0574	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,882.92	91.82
07 72 38 13-0575	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,995.96	91.82
07 72 38 13-0576	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,110.71	91.82
07 72 38 13-0577	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,225.46	91.82
07 72 38 13-0578	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,340.21	91.82
07 72 38 13-0579	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,453.25	91.82
07 72 38 13-0580	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,568.00	91.82
07 72 38 13-0581	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,682.75	91.82
07 72 38 13-0582	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,178.03	91.82
07 72 38 13-0583	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,292.78	91.82
07 72 38 13-0584	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,422.94	91.82
07 72 38 13-0585	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,520.57	91.82
07 72 38 13-0586	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,637.03	91.82
07 72 38 13-0587	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,750.07	91.82
07 72 38 13-0588	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,864.82	91.82
07 72 38 13-0589	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,979.57	91.82
07 72 38 13-0590	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,094.32	91.82
07 72 38 13-0591	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,207.36	91.82
07 72 38 13-0592	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,322.11	91.82
07 72 38 13-0593	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,436.86	91.82
07 72 38 13-0594	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,547.97	91.82
07 72 38 13-0595	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,662.72	91.82
07 72 38 13-0596	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,792.89	91.82
07 72 38 13-0597	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,890.51	91.82
07 72 38 13-0598	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,006.97	91.82
07 72 38 13-0599	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,120.01	91.82
07 72 38 13-0600	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,234.76	91.82
07 72 38 13-0601	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,349.51	91.82
07 72 38 13-0602	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,464.26	91.82
07 72 38 13-0603	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,577.30	91.82
07 72 38 13-0604	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,692.05	91.82
07 72 38 13-0605	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,806.80	91.82
07 72 38 13-0606	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,280.61	102.46
07 72 38 13-0607	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,395.36	102.46
07 72 38 13-0608	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,525.52	102.46
07 72 38 13-0609	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,623.15	102.46
07 72 38 13-0610	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,739.61	102.46
07 72 38 13-0611	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,852.65	102.46
07 72 38 13-0612	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,967.40	102.46
07 72 38 13-0613	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,082.15	102.46
07 72 38 13-0614	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,196.90	102.46
07 72 38 13-0615	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,309.94	102.46
07 72 38 13-0616	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,424.69	102.46
07 72 38 13-0617	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,539.44	102.46
07 72 38 13-0618	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,650.55	102.46
07 72 38 13-0619	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,765.30	102.46
07 72 38 13-0620	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,895.47	102.46
07 72 38 13-0621	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,993.09	102.46
07 72 38 13-0622	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,109.56	102.46
07 72 38 13-0623	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,222.59	102.46
07 72 38 13-0624	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,337.34	102.46
07 72 38 13-0625	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,452.10	102.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0626	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,566.85	102.46
07 72 38 13-0627	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,679.88	102.46
07 72 38 13-0628	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,794.64	102.46
07 72 38 13-0629	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,909.39	102.46
07 72 38 13-0630	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,474.43	102.46
07 72 38 13-0631	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,589.19	102.46
07 72 38 13-0632	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,719.35	102.46
07 72 38 13-0633	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,816.97	102.46
07 72 38 13-0634	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,933.44	102.46
07 72 38 13-0635	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,046.48	102.46
07 72 38 13-0636	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,161.23	102.46
07 72 38 13-0637	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,275.98	102.46
07 72 38 13-0638	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,390.73	102.46
07 72 38 13-0639	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,503.77	102.46
07 72 38 13-0640	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,618.52	102.46
07 72 38 13-0641	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,733.27	102.46
07 72 38 13-0642	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,844.38	102.46
07 72 38 13-0643	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,959.13	102.46
07 72 38 13-0644	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,089.29	102.46
07 72 38 13-0645	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,186.92	102.46
07 72 38 13-0646	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,303.38	102.46
07 72 38 13-0647	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,416.42	102.46
07 72 38 13-0648	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,531.17	102.46
07 72 38 13-0649	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,645.92	102.46
07 72 38 13-0650	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,760.67	102.46
07 72 38 13-0651	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,873.71	102.46
07 72 38 13-0652	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,988.46	102.46
07 72 38 13-0653	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,103.21	102.46
07 72 38 13-0654	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,557.74	117.11
07 72 38 13-0655	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,672.49	117.11
07 72 38 13-0656	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,802.66	117.11
07 72 38 13-0657	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,900.28	117.11
07 72 38 13-0658	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,016.75	117.11
07 72 38 13-0659	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,129.78	117.11
07 72 38 13-0660	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,244.53	117.11
07 72 38 13-0661	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,359.29	117.11
07 72 38 13-0662	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,474.04	117.11
07 72 38 13-0663	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,587.07	117.11
07 72 38 13-0664	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,701.83	117.11
07 72 38 13-0665	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,816.58	117.11
07 72 38 13-0666	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,927.68	117.11
07 72 38 13-0667	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,042.44	117.11
07 72 38 13-0668	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,172.60	117.11
07 72 38 13-0669	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,270.22	117.11
07 72 38 13-0670	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,386.69	117.11
07 72 38 13-0671	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,499.73	117.11
07 72 38 13-0672	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,614.48	117.11
07 72 38 13-0673	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,729.23	117.11
07 72 38 13-0674	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,843.98	117.11
07 72 38 13-0675	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,957.02	117.11
07 72 38 13-0676	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,071.77	117.11
07 72 38 13-0677	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,186.52	117.11
07 72 38 13-0678	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,836.86	117.11
07 72 38 13-0679	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,951.61	117.11
07 72 38 13-0680	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,081.78	117.11
07 72 38 13-0681	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,179.40	117.11
07 72 38 13-0682	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,295.86	117.11
07 72 38 13-0683	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,408.90	117.11
07 72 38 13-0684	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,523.65	117.11
07 72 38 13-0685	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,638.40	117.11
07 72 38 13-0686	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,753.15	117.11
07 72 38 13-0687	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,866.19	117.11
07 72 38 13-0688	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,980.94	117.11
07 72 38 13-0689	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,095.69	117.11
07 72 38 13-0690	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,206.80	117.11
07 72 38 13-0691	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,321.55	117.11
07 72 38 13-0692	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,451.72	117.11
07 72 38 13-0693	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,549.34	117.11
07 72 38 13-0694	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,665.81	117.11
07 72 38 13-0695	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,778.85	117.11
07 72 38 13-0696	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,893.60	117.11
07 72 38 13-0697	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,008.35	117.11
07 72 38 13-0698	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,123.10	117.11
07 72 38 13-0699	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,236.14	117.11
07 72 38 13-0700	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,350.89	117.11
07 72 38 13-0701	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,465.64	117.11
07 72 38 13-0702	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,880.09	130.40
07 72 38 13-0703	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,994.84	130.40
07 72 38 13-0704	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,125.00	130.40
07 72 38 13-0705	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,222.63	130.40
07 72 38 13-0706	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,339.09	130.40
07 72 38 13-0707	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,452.13	130.40
07 72 38 13-0708	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,566.88	130.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0709	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,681.63	130.40
07 72 38 13-0710	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,796.38	130.40
07 72 38 13-0711	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,909.42	130.40
07 72 38 13-0712	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,024.17	130.40
07 72 38 13-0713	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,138.92	130.40
07 72 38 13-0714	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,250.03	130.40
07 72 38 13-0715	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,364.78	130.40
07 72 38 13-0716	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,494.95	130.40
07 72 38 13-0717	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,592.57	130.40
07 72 38 13-0718	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,709.04	130.40
07 72 38 13-0719	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,822.07	130.40
07 72 38 13-0720	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,936.82	130.40
07 72 38 13-0721	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,051.58	130.40
07 72 38 13-0722	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,166.33	130.40
07 72 38 13-0723	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,279.36	130.40
07 72 38 13-0724	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,394.12	130.40
07 72 38 13-0725	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,508.87	130.40
07 72 38 13-0726	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,260.00	129.98
07 72 38 13-0727	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,374.75	129.98
07 72 38 13-0728	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,504.92	129.98
07 72 38 13-0729	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,602.54	129.98
07 72 38 13-0730	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,719.00	129.98
07 72 38 13-0731	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,832.04	129.98
07 72 38 13-0732	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,946.79	129.98
07 72 38 13-0733	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,061.54	129.98
07 72 38 13-0734	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,176.29	129.98
07 72 38 13-0735	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,289.33	129.98
07 72 38 13-0736	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,404.08	129.98
07 72 38 13-0737	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,518.83	129.98
07 72 38 13-0738	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,629.94	129.98
07 72 38 13-0739	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,744.69	129.98
07 72 38 13-0740	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,874.86	129.98
07 72 38 13-0741	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,972.48	129.98
07 72 38 13-0742	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,088.95	129.98
07 72 38 13-0743	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,201.98	129.98
07 72 38 13-0744	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,316.74	129.98
07 72 38 13-0745	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,431.49	129.98
07 72 38 13-0746	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,546.24	129.98
07 72 38 13-0747	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,659.28	129.98
07 72 38 13-0748	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,774.03	129.98
07 72 38 13-0749	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,888.78	129.98
07 72 38 13-0750	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,228.98	129.98
07 72 38 13-0751	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,361.02	141.40
07 72 38 13-0752	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,491.19	141.40
07 72 38 13-0753	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,588.81	141.40
07 72 38 13-0754	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,705.28	141.40
07 72 38 13-0755	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,818.31	141.40
07 72 38 13-0756	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,933.07	141.40
07 72 38 13-0757	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,047.82	141.40
07 72 38 13-0758	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,162.57	141.40
07 72 38 13-0759	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,275.61	141.40
07 72 38 13-0760	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,390.36	141.40
07 72 38 13-0761	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,505.11	141.40
07 72 38 13-0762	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,616.22	141.40
07 72 38 13-0763	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,730.97	141.40
07 72 38 13-0764	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,861.13	141.40
07 72 38 13-0765	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,958.76	141.40
07 72 38 13-0766	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,075.22	141.40
07 72 38 13-0767	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,188.26	141.40
07 72 38 13-0768	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,303.01	141.40
07 72 38 13-0769	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,417.76	141.40
07 72 38 13-0770	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,532.51	141.40
07 72 38 13-0771	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,645.55	141.40
07 72 38 13-0772	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,760.30	141.40
07 72 38 13-0773	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,875.05	141.40
07 72 38 13-0774	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,725.19	129.98
07 72 38 13-0775	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,857.23	141.40
07 72 38 13-0776	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,987.39	141.40
07 72 38 13-0777	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,085.02	141.40
07 72 38 13-0778	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,201.48	141.40
07 72 38 13-0779	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,314.52	141.40
07 72 38 13-0780	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,429.27	141.40
07 72 38 13-0781	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,544.02	141.40
07 72 38 13-0782	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,658.77	141.40
07 72 38 13-0783	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,771.81	141.40
07 72 38 13-0784	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,886.56	141.40
07 72 38 13-0785	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,001.31	141.40
07 72 38 13-0786	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,112.42	141.40
07 72 38 13-0787	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,227.17	141.40
07 72 38 13-0788	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,357.34	141.40
07 72 38 13-0789	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,454.96	141.40
07 72 38 13-0790	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,571.42	141.40
07 72 38 13-0791	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,684.46	141.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0792	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,799.21	141.40
07 72 38 13-0793	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,913.96	141.40
07 72 38 13-0794	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,028.71	141.40
07 72 38 13-0795	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,141.75	141.40
07 72 38 13-0796	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,256.50	141.40
07 72 38 13-0797	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,371.25	141.40

07 72 38 13-0798 Eyebrow Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0799	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	733.01	117.11
07 72 38 13-0800	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	847.76	117.11
07 72 38 13-0801	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	977.92	117.11
07 72 38 13-0802	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,075.55	117.11
07 72 38 13-0803	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,192.01	117.11
07 72 38 13-0804	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,305.05	117.11
07 72 38 13-0805	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,419.80	117.11
07 72 38 13-0806	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,534.55	117.11
07 72 38 13-0807	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,649.30	117.11
07 72 38 13-0808	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,762.34	117.11
07 72 38 13-0809	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,877.09	117.11
07 72 38 13-0810	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,991.84	117.11
07 72 38 13-0811	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,102.95	117.11
07 72 38 13-0812	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,217.70	117.11
07 72 38 13-0813	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,347.87	117.11
07 72 38 13-0814	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,445.49	117.11
07 72 38 13-0815	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,561.95	117.11
07 72 38 13-0816	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,674.99	117.11
07 72 38 13-0817	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,789.74	117.11
07 72 38 13-0818	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,904.49	117.11
07 72 38 13-0819	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,019.25	117.11
07 72 38 13-0820	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,132.28	117.11
07 72 38 13-0821	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,247.03	117.11
07 72 38 13-0822	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,361.79	117.11
07 72 38 13-0823	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,239.50	130.40
07 72 38 13-0824	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,354.26	130.40
07 72 38 13-0825	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,484.42	130.40
07 72 38 13-0826	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,582.04	130.40
07 72 38 13-0827	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,698.51	130.40
07 72 38 13-0828	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,811.55	130.40
07 72 38 13-0829	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,926.30	130.40
07 72 38 13-0830	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,041.05	130.40
07 72 38 13-0831	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,155.80	130.40
07 72 38 13-0832	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,268.84	130.40
07 72 38 13-0833	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,383.59	130.40
07 72 38 13-0834	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,498.34	130.40
07 72 38 13-0835	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,609.45	130.40
07 72 38 13-0836	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,724.20	130.40
07 72 38 13-0837	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,854.36	130.40
07 72 38 13-0838	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,951.99	130.40
07 72 38 13-0839	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,068.45	130.40
07 72 38 13-0840	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,181.49	130.40
07 72 38 13-0841	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,296.24	130.40
07 72 38 13-0842	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,410.99	130.40
07 72 38 13-0843	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,525.74	130.40
07 72 38 13-0844	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,638.78	130.40
07 72 38 13-0845	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,753.53	130.40
07 72 38 13-0846	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,868.28	130.40
07 72 38 13-0847	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,656.51	130.40
07 72 38 13-0848	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,788.55	141.06
07 72 38 13-0849	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,918.72	141.06
07 72 38 13-0850	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,016.34	141.06
07 72 38 13-0851	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,132.81	141.06
07 72 38 13-0852	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,245.84	141.06
07 72 38 13-0853	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,360.60	141.06
07 72 38 13-0854	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,475.35	141.06
07 72 38 13-0855	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,590.10	141.06
07 72 38 13-0856	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,703.14	141.06
07 72 38 13-0857	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,817.89	141.06
07 72 38 13-0858	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,932.64	141.06
07 72 38 13-0859	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,043.75	141.06
07 72 38 13-0860	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,158.50	141.06
07 72 38 13-0861	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,288.66	141.06
07 72 38 13-0862	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,386.29	141.06
07 72 38 13-0863	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,502.75	141.06
07 72 38 13-0864	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,615.79	141.06
07 72 38 13-0865	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,730.54	141.06
07 72 38 13-0866	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,845.29	141.06
07 72 38 13-0867	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,960.04	141.06
07 72 38 13-0868	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,073.08	141.06
07 72 38 13-0869	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,187.83	141.06
07 72 38 13-0870	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,302.58	141.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0871		Rectangle Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-0872	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	851.63	76.41
07 72 38 13-0873	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	921.70	76.41
07 72 38 13-0874	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	991.76	76.41
07 72 38 13-0875	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,061.83	76.41
07 72 38 13-0876	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,131.90	76.41
07 72 38 13-0877	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,201.96	76.41
07 72 38 13-0878	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,272.03	76.41
07 72 38 13-0879	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,342.10	76.41
07 72 38 13-0880	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,412.16	76.41
07 72 38 13-0881	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,482.23	76.41
07 72 38 13-0882	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,552.30	76.41
07 72 38 13-0883	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,622.36	76.41
07 72 38 13-0884	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,221.57	76.41
07 72 38 13-0885	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,291.64	76.41
07 72 38 13-0886	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,361.71	76.41
07 72 38 13-0887	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,431.77	76.41
07 72 38 13-0888	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,501.84	76.41
07 72 38 13-0889	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,571.91	76.41
07 72 38 13-0890	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,641.97	76.41
07 72 38 13-0891	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,712.04	76.41
07 72 38 13-0892	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,782.11	76.41
07 72 38 13-0893	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,852.17	76.41
07 72 38 13-0894	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,922.24	76.41
07 72 38 13-0895	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	1,992.31	76.41
07 72 38 13-0896	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,018.39	91.34
07 72 38 13-0897	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,088.45	91.34
07 72 38 13-0898	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,158.52	91.34
07 72 38 13-0899	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,228.58	91.34
07 72 38 13-0900	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,298.65	91.34
07 72 38 13-0901	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,368.72	91.34
07 72 38 13-0902	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,438.78	91.34
07 72 38 13-0903	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,508.85	91.34
07 72 38 13-0904	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,578.92	91.34
07 72 38 13-0905	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,648.98	91.34
07 72 38 13-0906	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,719.05	91.34
07 72 38 13-0907	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,789.12	91.34
07 72 38 13-0908	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,388.33	91.34
07 72 38 13-0909	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,458.40	91.34
07 72 38 13-0910	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,528.46	91.34
07 72 38 13-0911	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,598.53	91.34
07 72 38 13-0912	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,668.59	91.34
07 72 38 13-0913	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,738.66	91.34
07 72 38 13-0914	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,808.73	91.34
07 72 38 13-0915	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,878.79	91.34
07 72 38 13-0916	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,948.86	91.34
07 72 38 13-0917	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,018.93	91.34
07 72 38 13-0918	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,088.99	91.34
07 72 38 13-0919	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,159.06	91.34
07 72 38 13-0920	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,284.62	102.76
07 72 38 13-0921	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,354.68	102.76
07 72 38 13-0922	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,424.75	102.76
07 72 38 13-0923	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,494.82	102.76
07 72 38 13-0924	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,564.88	102.76
07 72 38 13-0925	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,634.95	102.76
07 72 38 13-0926	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,705.02	102.76
07 72 38 13-0927	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,775.08	102.76
07 72 38 13-0928	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,845.15	102.76
07 72 38 13-0929	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,915.22	102.76
07 72 38 13-0930	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,985.28	102.76
07 72 38 13-0931	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,055.35	102.76
07 72 38 13-0932	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,654.56	102.76
07 72 38 13-0933	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,724.63	102.76
07 72 38 13-0934	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,794.69	102.76
07 72 38 13-0935	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,864.76	102.76
07 72 38 13-0936	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,934.83	102.76
07 72 38 13-0937	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,004.89	102.76
07 72 38 13-0938	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,074.96	102.76
07 72 38 13-0939	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,145.03	102.76
07 72 38 13-0940	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,215.09	102.76
07 72 38 13-0941	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,285.16	102.76
07 72 38 13-0942	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,355.23	102.76
07 72 38 13-0943	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,425.29	102.76
07 72 38 13-0944	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,856.20	116.81
07 72 38 13-0945	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,926.26	116.81
07 72 38 13-0946	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,996.33	116.81
07 72 38 13-0947	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,066.40	116.81
07 72 38 13-0948	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,136.46	116.81
07 72 38 13-0949	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,206.53	116.81
07 72 38 13-0950	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,276.60	116.81
07 72 38 13-0951	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,346.66	116.81
07 72 38 13-0952	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,416.73	116.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0953	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,486.80	116.81
07 72 38 13-0954	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,556.86	116.81
07 72 38 13-0955	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,626.93	116.81
07 72 38 13-0956	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,226.14	116.81
07 72 38 13-0957	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,296.21	116.81
07 72 38 13-0958	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,366.27	116.81
07 72 38 13-0959	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,436.34	116.81
07 72 38 13-0960	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,506.41	116.81
07 72 38 13-0961	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,576.47	116.81
07 72 38 13-0962	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,646.54	116.81
07 72 38 13-0963	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,716.61	116.81
07 72 38 13-0964	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,786.67	116.81
07 72 38 13-0965	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,856.74	116.81
07 72 38 13-0966	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,926.81	116.81
07 72 38 13-0967	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,996.87	116.81
07 72 38 13-0968	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,452.66	129.98
07 72 38 13-0969	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,522.73	129.98
07 72 38 13-0970	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,592.79	129.98
07 72 38 13-0971	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,662.86	129.98
07 72 38 13-0972	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,732.93	129.98
07 72 38 13-0973	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,802.99	129.98
07 72 38 13-0974	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,873.06	129.98
07 72 38 13-0975	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,943.13	129.98
07 72 38 13-0976	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,013.19	129.98
07 72 38 13-0977	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,083.26	129.98
07 72 38 13-0978	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,153.33	129.98
07 72 38 13-0979	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,223.39	129.98
07 72 38 13-0980	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,822.60	129.98
07 72 38 13-0981	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,892.67	129.98
07 72 38 13-0982	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,962.74	129.98
07 72 38 13-0983	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,032.80	129.98
07 72 38 13-0984	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,102.87	129.98
07 72 38 13-0985	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,172.94	129.98
07 72 38 13-0986	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,243.00	129.98
07 72 38 13-0987	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,313.07	129.98
07 72 38 13-0988	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,383.14	129.98
07 72 38 13-0989	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,453.20	129.98
07 72 38 13-0990	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,523.27	129.98
07 72 38 13-0991	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,593.34	129.98
07 72 38 13-0992	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,133.97	129.98
07 72 38 13-0993	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,221.33	141.40
07 72 38 13-0994	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,291.40	141.40
07 72 38 13-0995	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,361.46	141.40
07 72 38 13-0996	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,431.53	141.40
07 72 38 13-0997	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,501.60	141.40
07 72 38 13-0998	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,571.66	141.40
07 72 38 13-0999	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,641.73	141.40
07 72 38 13-1000	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,711.80	141.40
07 72 38 13-1001	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,781.86	141.40
07 72 38 13-1002	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,851.93	141.40
07 72 38 13-1003	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,922.00	141.40
07 72 38 13-1004	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,521.21	141.40
07 72 38 13-1005	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,591.27	141.40
07 72 38 13-1006	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,661.34	141.40
07 72 38 13-1007	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,731.41	141.40
07 72 38 13-1008	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,801.47	141.40
07 72 38 13-1009	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,871.54	141.40
07 72 38 13-1010	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,941.61	141.40
07 72 38 13-1011	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,011.67	141.40
07 72 38 13-1012	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,081.74	141.40
07 72 38 13-1013	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,151.81	141.40
07 72 38 13-1014	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,221.87	141.40
07 72 38 13-1015	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,291.94	141.40

07 72 38 13-1016 Tombstone Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1017	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	894.81	76.41
07 72 38 13-1018	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,009.56	76.41
07 72 38 13-1019	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,139.72	76.41
07 72 38 13-1020	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,237.35	76.41
07 72 38 13-1021	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,353.81	76.41
07 72 38 13-1022	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,466.85	76.41
07 72 38 13-1023	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,581.60	76.41
07 72 38 13-1024	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,696.35	76.41
07 72 38 13-1025	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,811.10	76.41
07 72 38 13-1026	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,924.14	76.41
07 72 38 13-1027	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,038.89	76.41
07 72 38 13-1028	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,153.64	76.41
07 72 38 13-1029	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,264.75	76.41
07 72 38 13-1030	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,379.50	76.41
07 72 38 13-1031	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,509.67	76.41
07 72 38 13-1032	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,607.29	76.41
07 72 38 13-1033	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,723.76	76.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1034	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,836.79	76.41
07 72 38 13-1035	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,951.54	76.41
07 72 38 13-1036	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,066.30	76.41
07 72 38 13-1037	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,181.05	76.41
07 72 38 13-1038	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,294.08	76.41
07 72 38 13-1039	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,408.84	76.41
07 72 38 13-1040	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,523.59	76.41
07 72 38 13-1041	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,036.83	91.34
07 72 38 13-1042	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,151.58	91.34
07 72 38 13-1043	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,281.75	91.34
07 72 38 13-1044	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,379.37	91.34
07 72 38 13-1045	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,495.83	91.34
07 72 38 13-1046	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,608.87	91.34
07 72 38 13-1047	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,723.62	91.34
07 72 38 13-1048	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,838.37	91.34
07 72 38 13-1049	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,953.13	91.34
07 72 38 13-1050	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,066.16	91.34
07 72 38 13-1051	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,180.91	91.34
07 72 38 13-1052	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,295.67	91.34
07 72 38 13-1053	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,406.77	91.34
07 72 38 13-1054	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,521.53	91.34
07 72 38 13-1055	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,651.69	91.34
07 72 38 13-1056	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,749.31	91.34
07 72 38 13-1057	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,865.78	91.34
07 72 38 13-1058	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,978.82	91.34
07 72 38 13-1059	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,093.57	91.34
07 72 38 13-1060	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,208.32	91.34
07 72 38 13-1061	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,323.07	91.34
07 72 38 13-1062	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,436.11	91.34
07 72 38 13-1063	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,550.86	91.34
07 72 38 13-1064	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,665.61	91.34
07 72 38 13-1065	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,260.33	102.76
07 72 38 13-1066	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,375.08	102.76
07 72 38 13-1067	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,505.25	102.76
07 72 38 13-1068	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,602.87	102.76
07 72 38 13-1069	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,719.33	102.76
07 72 38 13-1070	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,832.37	102.76
07 72 38 13-1071	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,947.12	102.76
07 72 38 13-1072	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,061.87	102.76
07 72 38 13-1073	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,176.62	102.76
07 72 38 13-1074	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,289.66	102.76
07 72 38 13-1075	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,404.41	102.76
07 72 38 13-1076	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,519.16	102.76
07 72 38 13-1077	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,630.27	102.76
07 72 38 13-1078	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,745.02	102.76
07 72 38 13-1079	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,875.19	102.76
07 72 38 13-1080	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,972.81	102.76
07 72 38 13-1081	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,089.28	102.76
07 72 38 13-1082	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,202.32	102.76
07 72 38 13-1083	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,317.07	102.76
07 72 38 13-1084	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,431.82	102.76
07 72 38 13-1085	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,546.57	102.76
07 72 38 13-1086	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,659.61	102.76
07 72 38 13-1087	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,774.36	102.76
07 72 38 13-1088	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,889.11	102.76
07 72 38 13-1089	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,737.44	116.81
07 72 38 13-1090	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,852.19	116.81
07 72 38 13-1091	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,982.35	116.81
07 72 38 13-1092	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,079.98	116.81
07 72 38 13-1093	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,196.44	116.81
07 72 38 13-1094	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,309.48	116.81
07 72 38 13-1095	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,424.23	116.81
07 72 38 13-1096	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,538.98	116.81
07 72 38 13-1097	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,653.73	116.81
07 72 38 13-1098	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,766.77	116.81
07 72 38 13-1099	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,881.52	116.81
07 72 38 13-1100	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,996.27	116.81
07 72 38 13-1101	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,107.38	116.81
07 72 38 13-1102	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,222.13	116.81
07 72 38 13-1103	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,352.30	116.81
07 72 38 13-1104	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,449.92	116.81
07 72 38 13-1105	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,566.38	116.81
07 72 38 13-1106	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,679.42	116.81
07 72 38 13-1107	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,794.17	116.81
07 72 38 13-1108	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,908.92	116.81
07 72 38 13-1109	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,023.68	116.81
07 72 38 13-1110	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,136.71	116.81
07 72 38 13-1111	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,251.46	116.81
07 72 38 13-1112	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,366.22	116.81
07 72 38 13-1113	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,234.94	129.98
07 72 38 13-1114	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,349.69	129.98
07 72 38 13-1115	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,479.86	129.98
07 72 38 13-1116	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,577.48	129.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1117	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,693.95	129.98
07 72 38 13-1118	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,806.98	129.98
07 72 38 13-1119	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,921.74	129.98
07 72 38 13-1120	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,036.49	129.98
07 72 38 13-1121	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,151.24	129.98
07 72 38 13-1122	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,264.28	129.98
07 72 38 13-1123	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,379.03	129.98
07 72 38 13-1124	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,493.78	129.98
07 72 38 13-1125	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,604.89	129.98
07 72 38 13-1126	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,719.64	129.98
07 72 38 13-1127	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,849.80	129.98
07 72 38 13-1128	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,947.43	129.98
07 72 38 13-1129	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,063.89	129.98
07 72 38 13-1130	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,176.93	129.98
07 72 38 13-1131	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,291.68	129.98
07 72 38 13-1132	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,406.43	129.98
07 72 38 13-1133	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,521.18	129.98
07 72 38 13-1134	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,634.22	129.98
07 72 38 13-1135	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,748.97	129.98
07 72 38 13-1136	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,863.72	129.98
07 72 38 13-1137	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,799.31	129.98
07 72 38 13-1138	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,931.35	141.40
07 72 38 13-1139	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,061.52	141.40
07 72 38 13-1140	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,159.14	141.40
07 72 38 13-1141	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,275.61	141.40
07 72 38 13-1142	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,388.64	141.40
07 72 38 13-1143	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,503.39	141.40
07 72 38 13-1144	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,618.15	141.40
07 72 38 13-1145	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,732.90	141.40
07 72 38 13-1146	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,845.93	141.40
07 72 38 13-1147	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,960.69	141.40
07 72 38 13-1148	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,075.44	141.40
07 72 38 13-1149	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,186.55	141.40
07 72 38 13-1150	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,301.30	141.40
07 72 38 13-1151	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,431.46	141.40
07 72 38 13-1152	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,529.09	141.40
07 72 38 13-1153	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,645.55	141.40
07 72 38 13-1154	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,758.59	141.40
07 72 38 13-1155	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,873.34	141.40
07 72 38 13-1156	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,988.09	141.40
07 72 38 13-1157	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,102.84	141.40
07 72 38 13-1158	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,215.88	141.40
07 72 38 13-1159	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,330.63	141.40
07 72 38 13-1160	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,445.38	141.40
07 72 38 13-1161		Arched Top Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1162	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	890.03	76.41
07 72 38 13-1163	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	995.12	76.41
07 72 38 13-1164	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,100.21	76.41
07 72 38 13-1165	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,205.30	76.41
07 72 38 13-1166	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,310.40	76.41
07 72 38 13-1167	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,415.49	76.41
07 72 38 13-1168	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,520.58	76.41
07 72 38 13-1169	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,625.67	76.41
07 72 38 13-1170	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,730.76	76.41
07 72 38 13-1171	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,835.85	76.41
07 72 38 13-1172	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,940.94	76.41
07 72 38 13-1173	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,046.03	76.41
07 72 38 13-1174	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,259.97	76.41
07 72 38 13-1175	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,365.06	76.41
07 72 38 13-1176	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,470.16	76.41
07 72 38 13-1177	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,575.25	76.41
07 72 38 13-1178	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,680.34	76.41
07 72 38 13-1179	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,785.43	76.41
07 72 38 13-1180	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,890.52	76.41
07 72 38 13-1181	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,995.61	76.41
07 72 38 13-1182	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,100.70	76.41
07 72 38 13-1183	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,205.79	76.41
07 72 38 13-1184	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,310.89	76.41
07 72 38 13-1185	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,415.98	76.41
07 72 38 13-1186	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,047.96	91.34
07 72 38 13-1187	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,153.05	91.34
07 72 38 13-1188	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,258.15	91.34
07 72 38 13-1189	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,363.24	91.34
07 72 38 13-1190	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,468.33	91.34
07 72 38 13-1191	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,573.42	91.34
07 72 38 13-1192	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,678.51	91.34
07 72 38 13-1193	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,783.60	91.34
07 72 38 13-1194	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,888.69	91.34
07 72 38 13-1195	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,993.78	91.34
07 72 38 13-1196	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,098.88	91.34
07 72 38 13-1197	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,203.97	91.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1198	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,417.91	91.34
07 72 38 13-1199	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,523.00	91.34
07 72 38 13-1200	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,628.09	91.34
07 72 38 13-1201	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,733.18	91.34
07 72 38 13-1202	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,838.27	91.34
07 72 38 13-1203	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,943.36	91.34
07 72 38 13-1204	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,048.45	91.34
07 72 38 13-1205	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,153.55	91.34
07 72 38 13-1206	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,258.64	91.34
07 72 38 13-1207	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,363.73	91.34
07 72 38 13-1208	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,468.82	91.34
07 72 38 13-1209	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,573.91	91.34
07 72 38 13-1210	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,231.45	102.76
07 72 38 13-1211	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,336.55	102.76
07 72 38 13-1212	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,441.64	102.76
07 72 38 13-1213	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,546.73	102.76
07 72 38 13-1214	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,651.82	102.76
07 72 38 13-1215	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,756.91	102.76
07 72 38 13-1216	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,862.00	102.76
07 72 38 13-1217	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,967.09	102.76
07 72 38 13-1218	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,072.18	102.76
07 72 38 13-1219	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,177.28	102.76
07 72 38 13-1220	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,282.37	102.76
07 72 38 13-1221	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,387.46	102.76
07 72 38 13-1222	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,601.40	102.76
07 72 38 13-1223	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,706.49	102.76
07 72 38 13-1224	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,811.58	102.76
07 72 38 13-1225	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,916.67	102.76
07 72 38 13-1226	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,021.76	102.76
07 72 38 13-1227	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,126.85	102.76
07 72 38 13-1228	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,231.94	102.76
07 72 38 13-1229	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,337.04	102.76
07 72 38 13-1230	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,442.13	102.76
07 72 38 13-1231	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,547.22	102.76
07 72 38 13-1232	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,652.31	102.76
07 72 38 13-1233	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,757.40	102.76
07 72 38 13-1234	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,647.08	116.81
07 72 38 13-1235	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,752.17	116.81
07 72 38 13-1236	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,857.26	116.81
07 72 38 13-1237	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,962.35	116.81
07 72 38 13-1238	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,067.44	116.81
07 72 38 13-1239	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,172.53	116.81
07 72 38 13-1240	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,277.62	116.81
07 72 38 13-1241	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,382.71	116.81
07 72 38 13-1242	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,487.81	116.81
07 72 38 13-1243	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,592.90	116.81
07 72 38 13-1244	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,697.99	116.81
07 72 38 13-1245	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,803.08	116.81
07 72 38 13-1246	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,017.02	116.81
07 72 38 13-1247	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,122.11	116.81
07 72 38 13-1248	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,227.20	116.81
07 72 38 13-1249	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,332.29	116.81
07 72 38 13-1250	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,437.38	116.81
07 72 38 13-1251	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,542.48	116.81
07 72 38 13-1252	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,647.57	116.81
07 72 38 13-1253	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,752.66	116.81
07 72 38 13-1254	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,857.75	116.81
07 72 38 13-1255	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,962.84	116.81
07 72 38 13-1256	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,067.93	116.81
07 72 38 13-1257	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,173.02	116.81
07 72 38 13-1258	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,208.14	129.98
07 72 38 13-1259	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,313.23	129.98
07 72 38 13-1260	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,418.32	129.98
07 72 38 13-1261	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,523.41	129.98
07 72 38 13-1262	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,628.50	129.98
07 72 38 13-1263	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,733.60	129.98
07 72 38 13-1264	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,838.69	129.98
07 72 38 13-1265	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,943.78	129.98
07 72 38 13-1266	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,048.87	129.98
07 72 38 13-1267	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,153.96	129.98
07 72 38 13-1268	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,259.05	129.98
07 72 38 13-1269	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,364.14	129.98
07 72 38 13-1270	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,578.08	129.98
07 72 38 13-1271	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,683.17	129.98
07 72 38 13-1272	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,788.27	129.98
07 72 38 13-1273	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,893.36	129.98
07 72 38 13-1274	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,998.45	129.98
07 72 38 13-1275	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,103.54	129.98
07 72 38 13-1276	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,208.63	129.98
07 72 38 13-1277	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,313.72	129.98
07 72 38 13-1278	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,418.81	129.98
07 72 38 13-1279	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,523.90	129.98
07 72 38 13-1280	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,629.00	129.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1281	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,734.09	129.98
07 72 38 13-1282	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,826.61	129.98
07 72 38 13-1283	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,948.99	141.40
07 72 38 13-1284	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,054.08	141.40
07 72 38 13-1285	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,159.18	141.40
07 72 38 13-1286	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,264.27	141.40
07 72 38 13-1287	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,369.36	141.40
07 72 38 13-1288	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,474.45	141.40
07 72 38 13-1289	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,579.54	141.40
07 72 38 13-1290	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,684.63	141.40
07 72 38 13-1291	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,789.72	141.40
07 72 38 13-1292	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,894.82	141.40
07 72 38 13-1293	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,999.91	141.40
07 72 38 13-1294	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,213.85	141.40
07 72 38 13-1295	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,318.94	141.40
07 72 38 13-1296	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,424.03	141.40
07 72 38 13-1297	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,529.12	141.40
07 72 38 13-1298	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,634.21	141.40
07 72 38 13-1299	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,739.30	141.40
07 72 38 13-1300	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,844.39	141.40
07 72 38 13-1301	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,949.48	141.40
07 72 38 13-1302	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,054.58	141.40
07 72 38 13-1303	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,159.67	141.40
07 72 38 13-1304	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,264.76	141.40
07 72 38 13-1305	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,369.85	141.40

07 72 38 13-1306 Hipped Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1307	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	894.81	76.41
07 72 38 13-1308	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	984.33	76.41
07 72 38 13-1309	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,073.85	76.41
07 72 38 13-1310	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,163.38	76.41
07 72 38 13-1311	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,252.90	76.41
07 72 38 13-1312	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,342.42	76.41
07 72 38 13-1313	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,431.95	76.41
07 72 38 13-1314	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,521.47	76.41
07 72 38 13-1315	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,610.99	76.41
07 72 38 13-1316	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,700.51	76.41
07 72 38 13-1317	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,790.04	76.41
07 72 38 13-1318	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,879.56	76.41
07 72 38 13-1319	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,264.75	76.41
07 72 38 13-1320	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,354.27	76.41
07 72 38 13-1321	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,443.80	76.41
07 72 38 13-1322	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,533.32	76.41
07 72 38 13-1323	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,622.84	76.41
07 72 38 13-1324	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,712.37	76.41
07 72 38 13-1325	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,801.89	76.41
07 72 38 13-1326	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,891.41	76.41
07 72 38 13-1327	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,980.93	76.41
07 72 38 13-1328	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,070.46	76.41
07 72 38 13-1329	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,159.98	76.41
07 72 38 13-1330	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,249.50	76.41
07 72 38 13-1331	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	990.84	91.34
07 72 38 13-1332	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,080.37	91.34
07 72 38 13-1333	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,169.89	91.34
07 72 38 13-1334	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,259.41	91.34
07 72 38 13-1335	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,348.94	91.34
07 72 38 13-1336	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,438.46	91.34
07 72 38 13-1337	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,527.98	91.34
07 72 38 13-1338	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,617.50	91.34
07 72 38 13-1339	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,707.03	91.34
07 72 38 13-1340	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,796.55	91.34
07 72 38 13-1341	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,886.07	91.34
07 72 38 13-1342	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,975.60	91.34
07 72 38 13-1343	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,360.79	91.34
07 72 38 13-1344	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,450.31	91.34
07 72 38 13-1345	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,539.83	91.34
07 72 38 13-1346	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,629.36	91.34
07 72 38 13-1347	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,718.88	91.34
07 72 38 13-1348	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,808.40	91.34
07 72 38 13-1349	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,897.93	91.34
07 72 38 13-1350	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,987.45	91.34
07 72 38 13-1351	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,076.97	91.34
07 72 38 13-1352	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,166.49	91.34
07 72 38 13-1353	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,256.02	91.34
07 72 38 13-1354	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,345.54	91.34
07 72 38 13-1355	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,201.43	102.76
07 72 38 13-1356	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,290.95	102.76
07 72 38 13-1357	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,380.48	102.76
07 72 38 13-1358	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,470.00	102.76
07 72 38 13-1359	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,559.52	102.76
07 72 38 13-1360	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,649.04	102.76
07 72 38 13-1361	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,738.57	102.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1362	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,828.09	102.76
07 72 38 13-1363	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,917.61	102.76
07 72 38 13-1364	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,007.14	102.76
07 72 38 13-1365	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,096.66	102.76
07 72 38 13-1366	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,186.18	102.76
07 72 38 13-1367	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,571.37	102.76
07 72 38 13-1368	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,660.90	102.76
07 72 38 13-1369	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,750.42	102.76
07 72 38 13-1370	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,839.94	102.76
07 72 38 13-1371	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,929.46	102.76
07 72 38 13-1372	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,018.99	102.76
07 72 38 13-1373	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,108.51	102.76
07 72 38 13-1374	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,198.03	102.76
07 72 38 13-1375	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,287.56	102.76
07 72 38 13-1376	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,377.08	102.76
07 72 38 13-1377	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,466.60	102.76
07 72 38 13-1378	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,556.12	102.76
07 72 38 13-1379	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,650.00	116.81
07 72 38 13-1380	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,739.53	116.81
07 72 38 13-1381	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,829.05	116.81
07 72 38 13-1382	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,918.57	116.81
07 72 38 13-1383	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,008.10	116.81
07 72 38 13-1384	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,097.62	116.81
07 72 38 13-1385	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,187.14	116.81
07 72 38 13-1386	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,276.66	116.81
07 72 38 13-1387	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,366.19	116.81
07 72 38 13-1388	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,455.71	116.81
07 72 38 13-1389	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,545.23	116.81
07 72 38 13-1390	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,634.76	116.81
07 72 38 13-1391	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,019.95	116.81
07 72 38 13-1392	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,109.47	116.81
07 72 38 13-1393	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,198.99	116.81
07 72 38 13-1394	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,288.52	116.81
07 72 38 13-1395	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,378.04	116.81
07 72 38 13-1396	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,467.56	116.81
07 72 38 13-1397	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,557.08	116.81
07 72 38 13-1398	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,646.61	116.81
07 72 38 13-1399	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,736.13	116.81
07 72 38 13-1400	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,825.65	116.81
07 72 38 13-1401	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,915.18	116.81
07 72 38 13-1402	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,004.70	116.81
07 72 38 13-1403	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,117.61	129.98
07 72 38 13-1404	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,207.13	129.98
07 72 38 13-1405	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,296.65	129.98
07 72 38 13-1406	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,386.17	129.98
07 72 38 13-1407	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,475.70	129.98
07 72 38 13-1408	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,565.22	129.98
07 72 38 13-1409	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,654.74	129.98
07 72 38 13-1410	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,744.27	129.98
07 72 38 13-1411	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,833.79	129.98
07 72 38 13-1412	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,923.31	129.98
07 72 38 13-1413	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,012.83	129.98
07 72 38 13-1414	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,102.36	129.98
07 72 38 13-1415	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,487.55	129.98
07 72 38 13-1416	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,577.07	129.98
07 72 38 13-1417	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,666.59	129.98
07 72 38 13-1418	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,756.12	129.98
07 72 38 13-1419	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,845.64	129.98
07 72 38 13-1420	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,935.16	129.98
07 72 38 13-1421	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,024.69	129.98
07 72 38 13-1422	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,114.21	129.98
07 72 38 13-1423	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,203.73	129.98
07 72 38 13-1424	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,293.25	129.98
07 72 38 13-1425	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,382.78	129.98
07 72 38 13-1426	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,472.30	129.98
07 72 38 13-1427	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,646.62	129.98
07 72 38 13-1428	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,753.44	141.40
07 72 38 13-1429	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,842.96	141.40
07 72 38 13-1430	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,932.48	141.40
07 72 38 13-1431	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,022.01	141.40
07 72 38 13-1432	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,111.53	141.40
07 72 38 13-1433	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,201.05	141.40
07 72 38 13-1434	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,290.57	141.40
07 72 38 13-1435	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,380.10	141.40
07 72 38 13-1436	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,469.62	141.40
07 72 38 13-1437	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,559.14	141.40
07 72 38 13-1438	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,648.67	141.40
07 72 38 13-1439	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,033.86	141.40
07 72 38 13-1440	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,123.38	141.40
07 72 38 13-1441	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,212.90	141.40
07 72 38 13-1442	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,302.43	141.40
07 72 38 13-1443	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,391.95	141.40
07 72 38 13-1444	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,481.47	141.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1445	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,571.00	141.40
07 72 38 13-1446	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,660.52	141.40
07 72 38 13-1447	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,750.04	141.40
07 72 38 13-1448	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,839.56	141.40
07 72 38 13-1449	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,929.09	141.40
07 72 38 13-1450	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,018.61	141.40

07 72 38 13-1451 Gabled Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1452	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	831.54	76.41
07 72 38 13-1453	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	921.06	76.41
07 72 38 13-1454	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,010.59	76.41
07 72 38 13-1455	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,100.11	76.41
07 72 38 13-1456	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,189.63	76.41
07 72 38 13-1457	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,279.16	76.41
07 72 38 13-1458	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,368.68	76.41
07 72 38 13-1459	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,458.20	76.41
07 72 38 13-1460	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,547.72	76.41
07 72 38 13-1461	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,637.25	76.41
07 72 38 13-1462	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,726.77	76.41
07 72 38 13-1463	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,816.29	76.41
07 72 38 13-1464	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,201.48	76.41
07 72 38 13-1465	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,291.01	76.41
07 72 38 13-1466	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,380.53	76.41
07 72 38 13-1467	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,470.05	76.41
07 72 38 13-1468	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,559.58	76.41
07 72 38 13-1469	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,649.10	76.41
07 72 38 13-1470	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,738.62	76.41
07 72 38 13-1471	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,828.14	76.41
07 72 38 13-1472	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,917.67	76.41
07 72 38 13-1473	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,007.19	76.41
07 72 38 13-1474	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,096.71	76.41
07 72 38 13-1475	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,186.24	76.41
07 72 38 13-1476	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	960.99	91.34
07 72 38 13-1477	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,050.52	91.34
07 72 38 13-1478	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,140.04	91.34
07 72 38 13-1479	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,229.56	91.34
07 72 38 13-1480	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,319.08	91.34
07 72 38 13-1481	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,408.61	91.34
07 72 38 13-1482	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,498.13	91.34
07 72 38 13-1483	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,587.65	91.34
07 72 38 13-1484	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,677.18	91.34
07 72 38 13-1485	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,766.70	91.34
07 72 38 13-1486	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,856.22	91.34
07 72 38 13-1487	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,945.74	91.34
07 72 38 13-1488	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,330.94	91.34
07 72 38 13-1489	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,420.46	91.34
07 72 38 13-1490	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,509.98	91.34
07 72 38 13-1491	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,599.50	91.34
07 72 38 13-1492	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,689.03	91.34
07 72 38 13-1493	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,778.55	91.34
07 72 38 13-1494	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,868.07	91.34
07 72 38 13-1495	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,957.60	91.34
07 72 38 13-1496	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,047.12	91.34
07 72 38 13-1497	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,136.64	91.34
07 72 38 13-1498	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,226.16	91.34
07 72 38 13-1499	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,315.69	91.34
07 72 38 13-1500	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,162.79	102.76
07 72 38 13-1501	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,252.31	102.76
07 72 38 13-1502	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,341.84	102.76
07 72 38 13-1503	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,431.36	102.76
07 72 38 13-1504	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,520.88	102.76
07 72 38 13-1505	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,610.41	102.76
07 72 38 13-1506	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,699.93	102.76
07 72 38 13-1507	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,789.45	102.76
07 72 38 13-1508	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,878.97	102.76
07 72 38 13-1509	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,968.50	102.76
07 72 38 13-1510	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,058.02	102.76
07 72 38 13-1511	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,147.54	102.76
07 72 38 13-1512	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,532.74	102.76
07 72 38 13-1513	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,622.26	102.76
07 72 38 13-1514	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,711.78	102.76
07 72 38 13-1515	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,801.30	102.76
07 72 38 13-1516	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,890.83	102.76
07 72 38 13-1517	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,980.35	102.76
07 72 38 13-1518	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,069.87	102.76
07 72 38 13-1519	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,159.39	102.76
07 72 38 13-1520	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,248.92	102.76
07 72 38 13-1521	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,338.44	102.76
07 72 38 13-1522	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,427.96	102.76
07 72 38 13-1523	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,517.49	102.76
07 72 38 13-1524	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,591.94	116.81
07 72 38 13-1525	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,681.47	116.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1526	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,770.99	116.81
07 72 38 13-1527	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,860.51	116.81
07 72 38 13-1528	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,950.04	116.81
07 72 38 13-1529	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,039.56	116.81
07 72 38 13-1530	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,129.08	116.81
07 72 38 13-1531	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,218.60	116.81
07 72 38 13-1532	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,308.13	116.81
07 72 38 13-1533	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,397.65	116.81
07 72 38 13-1534	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,487.17	116.81
07 72 38 13-1535	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,576.70	116.81
07 72 38 13-1536	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,961.89	116.81
07 72 38 13-1537	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,051.41	116.81
07 72 38 13-1538	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,140.93	116.81
07 72 38 13-1539	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,230.46	116.81
07 72 38 13-1540	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,319.98	116.81
07 72 38 13-1541	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,409.50	116.81
07 72 38 13-1542	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,499.02	116.81
07 72 38 13-1543	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,588.55	116.81
07 72 38 13-1544	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,678.07	116.81
07 72 38 13-1545	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,767.59	116.81
07 72 38 13-1546	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,857.12	116.81
07 72 38 13-1547	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,946.64	116.81
07 72 38 13-1548	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,039.20	129.98
07 72 38 13-1549	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,128.72	129.98
07 72 38 13-1550	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,218.24	129.98
07 72 38 13-1551	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,307.77	129.98
07 72 38 13-1552	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,397.29	129.98
07 72 38 13-1553	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,486.81	129.98
07 72 38 13-1554	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,576.34	129.98
07 72 38 13-1555	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,665.86	129.98
07 72 38 13-1556	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,755.38	129.98
07 72 38 13-1557	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,844.90	129.98
07 72 38 13-1558	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,934.43	129.98
07 72 38 13-1559	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,023.95	129.98
07 72 38 13-1560	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,409.14	129.98
07 72 38 13-1561	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,498.66	129.98
07 72 38 13-1562	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,588.19	129.98
07 72 38 13-1563	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,677.71	129.98
07 72 38 13-1564	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,767.23	129.98
07 72 38 13-1565	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,856.76	129.98
07 72 38 13-1566	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,946.28	129.98
07 72 38 13-1567	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,035.80	129.98
07 72 38 13-1568	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,125.32	129.98
07 72 38 13-1569	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,214.85	129.98
07 72 38 13-1570	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,304.37	129.98
07 72 38 13-1571	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,393.89	129.98
07 72 38 13-1572	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,544.17	129.98
07 72 38 13-1573	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,650.98	141.40
07 72 38 13-1574	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,740.51	141.40
07 72 38 13-1575	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,830.03	141.40
07 72 38 13-1576	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,919.55	141.40
07 72 38 13-1577	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,009.08	141.40
07 72 38 13-1578	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,098.60	141.40
07 72 38 13-1579	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,188.12	141.40
07 72 38 13-1580	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,277.64	141.40
07 72 38 13-1581	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,367.17	141.40
07 72 38 13-1582	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,456.69	141.40
07 72 38 13-1583	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,546.21	141.40
07 72 38 13-1584	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,931.40	141.40
07 72 38 13-1585	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,020.93	141.40
07 72 38 13-1586	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,110.45	141.40
07 72 38 13-1587	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,199.97	141.40
07 72 38 13-1588	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,289.50	141.40
07 72 38 13-1589	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,379.02	141.40
07 72 38 13-1590	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,468.54	141.40
07 72 38 13-1591	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,558.06	141.40
07 72 38 13-1592	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,647.59	141.40
07 72 38 13-1593	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,737.11	141.40
07 72 38 13-1594	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,826.63	141.40
07 72 38 13-1595	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,916.16	141.40
07 72 38 13-1596		Pedimented Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1597	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,064.81	76.41
07 72 38 13-1598	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,154.33	76.41
07 72 38 13-1599	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,243.86	76.41
07 72 38 13-1600	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,333.38	76.41
07 72 38 13-1601	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,422.90	76.41
07 72 38 13-1602	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,512.43	76.41
07 72 38 13-1603	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,601.95	76.41
07 72 38 13-1604	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,691.47	76.41
07 72 38 13-1605	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,780.99	76.41
07 72 38 13-1606	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,870.52	76.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1607	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,960.04	76.41
07 72 38 13-1608	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,049.56	76.41
07 72 38 13-1609	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,434.75	76.41
07 72 38 13-1610	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,524.28	76.41
07 72 38 13-1611	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,613.80	76.41
07 72 38 13-1612	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,703.32	76.41
07 72 38 13-1613	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,792.85	76.41
07 72 38 13-1614	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,882.37	76.41
07 72 38 13-1615	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,971.89	76.41
07 72 38 13-1616	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,061.41	76.41
07 72 38 13-1617	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,150.94	76.41
07 72 38 13-1618	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,240.46	76.41
07 72 38 13-1619	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,329.98	76.41
07 72 38 13-1620	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,419.51	76.41
07 72 38 13-1621	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,273.95	91.34
07 72 38 13-1622	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,363.48	91.34
07 72 38 13-1623	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,453.00	91.34
07 72 38 13-1624	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,542.52	91.34
07 72 38 13-1625	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,632.05	91.34
07 72 38 13-1626	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,721.57	91.34
07 72 38 13-1627	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,811.09	91.34
07 72 38 13-1628	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,900.61	91.34
07 72 38 13-1629	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,990.14	91.34
07 72 38 13-1630	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,079.66	91.34
07 72 38 13-1631	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,169.18	91.34
07 72 38 13-1632	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,258.71	91.34
07 72 38 13-1633	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,643.90	91.34
07 72 38 13-1634	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,733.42	91.34
07 72 38 13-1635	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,822.94	91.34
07 72 38 13-1636	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,912.47	91.34
07 72 38 13-1637	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,001.99	91.34
07 72 38 13-1638	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,091.51	91.34
07 72 38 13-1639	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,181.03	91.34
07 72 38 13-1640	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,270.56	91.34
07 72 38 13-1641	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,360.08	91.34
07 72 38 13-1642	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,449.60	91.34
07 72 38 13-1643	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,539.13	91.34
07 72 38 13-1644	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,628.65	91.34
07 72 38 13-1645	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,613.40	102.76
07 72 38 13-1646	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,702.93	102.76
07 72 38 13-1647	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,792.45	102.76
07 72 38 13-1648	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,881.97	102.76
07 72 38 13-1649	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,971.49	102.76
07 72 38 13-1650	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,061.02	102.76
07 72 38 13-1651	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,150.54	102.76
07 72 38 13-1652	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,240.06	102.76
07 72 38 13-1653	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,329.59	102.76
07 72 38 13-1654	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,419.11	102.76
07 72 38 13-1655	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,508.63	102.76
07 72 38 13-1656	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,598.15	102.76
07 72 38 13-1657	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,983.35	102.76
07 72 38 13-1658	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,072.87	102.76
07 72 38 13-1659	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,162.39	102.76
07 72 38 13-1660	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,251.91	102.76
07 72 38 13-1661	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,341.44	102.76
07 72 38 13-1662	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,430.96	102.76
07 72 38 13-1663	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,520.48	102.76
07 72 38 13-1664	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,610.01	102.76
07 72 38 13-1665	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,699.53	102.76
07 72 38 13-1666	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,789.05	102.76
07 72 38 13-1667	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,878.57	102.76
07 72 38 13-1668	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,968.10	102.76
07 72 38 13-1669	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,346.83	116.81
07 72 38 13-1670	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,436.36	116.81
07 72 38 13-1671	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,525.88	116.81
07 72 38 13-1672	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,615.40	116.81
07 72 38 13-1673	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,704.93	116.81
07 72 38 13-1674	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,794.45	116.81
07 72 38 13-1675	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,883.97	116.81
07 72 38 13-1676	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,973.49	116.81
07 72 38 13-1677	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,063.02	116.81
07 72 38 13-1678	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,152.54	116.81
07 72 38 13-1679	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,242.06	116.81
07 72 38 13-1680	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,331.58	116.81
07 72 38 13-1681	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,716.78	116.81
07 72 38 13-1682	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,806.30	116.81
07 72 38 13-1683	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,895.82	116.81
07 72 38 13-1684	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,985.35	116.81
07 72 38 13-1685	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,074.87	116.81
07 72 38 13-1686	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,164.39	116.81
07 72 38 13-1687	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,253.91	116.81
07 72 38 13-1688	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,343.44	116.81
07 72 38 13-1689	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,432.96	116.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1690	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,522.48	116.81
07 72 38 13-1691	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,612.01	116.81
07 72 38 13-1692	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,701.53	116.81
07 72 38 13-1693	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,112.86	129.98
07 72 38 13-1694	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,202.38	129.98
07 72 38 13-1695	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,291.90	129.98
07 72 38 13-1696	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,381.42	129.98
07 72 38 13-1697	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,470.95	129.98
07 72 38 13-1698	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,560.47	129.98
07 72 38 13-1699	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,649.99	129.98
07 72 38 13-1700	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,739.52	129.98
07 72 38 13-1701	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,829.04	129.98
07 72 38 13-1702	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,918.56	129.98
07 72 38 13-1703	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,008.08	129.98
07 72 38 13-1704	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,097.61	129.98
07 72 38 13-1705	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,482.80	129.98
07 72 38 13-1706	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,572.32	129.98
07 72 38 13-1707	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,661.84	129.98
07 72 38 13-1708	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,751.37	129.98
07 72 38 13-1709	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,840.89	129.98
07 72 38 13-1710	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,930.41	129.98
07 72 38 13-1711	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,019.94	129.98
07 72 38 13-1712	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,109.46	129.98
07 72 38 13-1713	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,198.98	129.98
07 72 38 13-1714	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,288.50	129.98
07 72 38 13-1715	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,378.03	129.98
07 72 38 13-1716	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,467.55	129.98
07 72 38 13-1717	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,994.55	129.98
07 72 38 13-1718	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	4,101.37	141.40
07 72 38 13-1719	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	4,190.89	141.40
07 72 38 13-1720	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	4,280.41	141.40
07 72 38 13-1721	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	4,369.94	141.40
07 72 38 13-1722	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	4,459.46	141.40
07 72 38 13-1723	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	4,548.98	141.40
07 72 38 13-1724	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,638.50	141.40
07 72 38 13-1725	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,728.03	141.40
07 72 38 13-1726	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,817.55	141.40
07 72 38 13-1727	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,907.07	141.40
07 72 38 13-1728	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,996.60	141.40
07 72 38 13-1729	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	4,381.79	141.40
07 72 38 13-1730	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	4,471.31	141.40
07 72 38 13-1731	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	4,560.83	141.40
07 72 38 13-1732	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	4,650.36	141.40
07 72 38 13-1733	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,739.88	141.40
07 72 38 13-1734	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,829.40	141.40
07 72 38 13-1735	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,918.92	141.40
07 72 38 13-1736	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	5,008.45	141.40
07 72 38 13-1737	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	5,097.97	141.40
07 72 38 13-1738	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	5,187.49	141.40
07 72 38 13-1739	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,277.02	141.40
07 72 38 13-1740	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,366.54	141.40

07 72 38 13-1741 Mantle Clock Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1742	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,118.25	116.81
07 72 38 13-1743	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,297.77	116.81
07 72 38 13-1744	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,477.30	116.81
07 72 38 13-1745	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,656.82	116.81
07 72 38 13-1746	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,836.35	116.81
07 72 38 13-1747	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,015.87	116.81
07 72 38 13-1748	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,195.40	116.81
07 72 38 13-1749	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,374.92	116.81
07 72 38 13-1750	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,554.45	116.81
07 72 38 13-1751	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,733.97	116.81
07 72 38 13-1752	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,913.50	116.81
07 72 38 13-1753	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,093.02	116.81
07 72 38 13-1754	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,597.80	116.81
07 72 38 13-1755	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,777.33	116.81
07 72 38 13-1756	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,956.85	116.81
07 72 38 13-1757	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,136.38	116.81
07 72 38 13-1758	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,315.90	116.81
07 72 38 13-1759	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,495.43	116.81
07 72 38 13-1760	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,674.95	116.81
07 72 38 13-1761	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,854.48	116.81
07 72 38 13-1762	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,034.00	116.81
07 72 38 13-1763	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,213.53	116.81
07 72 38 13-1764	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,393.05	116.81
07 72 38 13-1765	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,572.58	116.81
07 72 38 13-1766	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,419.37	129.98
07 72 38 13-1767	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,598.90	129.98
07 72 38 13-1768	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,778.42	129.98
07 72 38 13-1769	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,957.95	129.98
07 72 38 13-1770	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,137.47	129.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1771	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,317.00	129.98
07 72 38 13-1772	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,496.52	129.98
07 72 38 13-1773	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,676.05	129.98
07 72 38 13-1774	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,855.57	129.98
07 72 38 13-1775	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,035.10	129.98
07 72 38 13-1776	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,214.62	129.98
07 72 38 13-1777	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,394.15	129.98
07 72 38 13-1778	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,898.93	129.98
07 72 38 13-1779	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,078.45	129.98
07 72 38 13-1780	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,257.98	129.98
07 72 38 13-1781	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,437.50	129.98
07 72 38 13-1782	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,617.03	129.98
07 72 38 13-1783	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,796.55	129.98
07 72 38 13-1784	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,976.08	129.98
07 72 38 13-1785	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,155.61	129.98
07 72 38 13-1786	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,335.13	129.98
07 72 38 13-1787	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,514.66	129.98
07 72 38 13-1788	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,694.18	129.98
07 72 38 13-1789	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,873.71	129.98
07 72 38 13-1790	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,827.73	129.98
07 72 38 13-1791	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,024.54	141.40
07 72 38 13-1792	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,204.07	141.40
07 72 38 13-1793	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,383.59	141.40
07 72 38 13-1794	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,563.12	141.40
07 72 38 13-1795	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,742.64	141.40
07 72 38 13-1796	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,922.17	141.40
07 72 38 13-1797	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,101.69	141.40
07 72 38 13-1798	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,281.22	141.40
07 72 38 13-1799	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,460.74	141.40
07 72 38 13-1800	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,640.27	141.40
07 72 38 13-1801	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,819.79	141.40
07 72 38 13-1802	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,324.57	141.40
07 72 38 13-1803	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,504.10	141.40
07 72 38 13-1804	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,683.62	141.40
07 72 38 13-1805	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,863.15	141.40
07 72 38 13-1806	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,042.67	141.40
07 72 38 13-1807	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,222.20	141.40
07 72 38 13-1808	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,401.72	141.40
07 72 38 13-1809	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,581.25	141.40
07 72 38 13-1810	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,760.77	141.40
07 72 38 13-1811	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,940.30	141.40
07 72 38 13-1812	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,119.82	141.40
07 72 38 13-1813	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,299.35	141.40

07 72 38 13-1814 Aluminum Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers, 0.032 Kynar finish Aluminum and fabricated with sturdy wooden framing.

07 72 38 13-1815 Half Round Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1816	EA	18" Half Round Aluminum Dormer Vents, 16/12 Slope	566.38	76.41
07 72 38 13-1817	EA	18" Half Round Aluminum Dormer Vents, 15/12 Slope	781.49	76.41
07 72 38 13-1818	EA	18" Half Round Aluminum Dormer Vents, 14/12 Slope	1,025.49	76.41
07 72 38 13-1819	EA	18" Half Round Aluminum Dormer Vents, 13/12 Slope	1,208.50	76.41
07 72 38 13-1820	EA	18" Half Round Aluminum Dormer Vents, 12/12 Slope	1,426.82	76.41
07 72 38 13-1821	EA	18" Half Round Aluminum Dormer Vents, 11/12 Slope	1,638.72	76.41
07 72 38 13-1822	EA	18" Half Round Aluminum Dormer Vents, 10/12 Slope	1,853.83	76.41
07 72 38 13-1823	EA	18" Half Round Aluminum Dormer Vents, 9/12 Slope	2,068.94	76.41
07 72 38 13-1824	EA	18" Half Round Aluminum Dormer Vents, 8/12 Slope	2,284.05	76.41
07 72 38 13-1825	EA	18" Half Round Aluminum Dormer Vents, 7/12 Slope	2,495.95	76.41
07 72 38 13-1826	EA	18" Half Round Aluminum Dormer Vents, 6/12 Slope	2,711.06	76.41
07 72 38 13-1827	EA	18" Half Round Aluminum Dormer Vents, 5/12 Slope	2,926.17	76.41
07 72 38 13-1828	EA	24" Half Round Aluminum Dormer Vents, 16/12 Slope	668.53	91.34
07 72 38 13-1829	EA	24" Half Round Aluminum Dormer Vents, 15/12 Slope	883.64	91.34
07 72 38 13-1830	EA	24" Half Round Aluminum Dormer Vents, 14/12 Slope	1,127.65	91.34
07 72 38 13-1831	EA	24" Half Round Aluminum Dormer Vents, 13/12 Slope	1,310.65	91.34
07 72 38 13-1832	EA	24" Half Round Aluminum Dormer Vents, 12/12 Slope	1,528.98	91.34
07 72 38 13-1833	EA	24" Half Round Aluminum Dormer Vents, 11/12 Slope	1,740.87	91.34
07 72 38 13-1834	EA	24" Half Round Aluminum Dormer Vents, 10/12 Slope	1,955.98	91.34
07 72 38 13-1835	EA	24" Half Round Aluminum Dormer Vents, 9/12 Slope	2,171.10	91.34
07 72 38 13-1836	EA	24" Half Round Aluminum Dormer Vents, 8/12 Slope	2,386.21	91.34
07 72 38 13-1837	EA	24" Half Round Aluminum Dormer Vents, 7/12 Slope	2,598.10	91.34
07 72 38 13-1838	EA	24" Half Round Aluminum Dormer Vents, 6/12 Slope	2,813.22	91.34
07 72 38 13-1839	EA	24" Half Round Aluminum Dormer Vents, 5/12 Slope	3,028.33	91.34
07 72 38 13-1840	EA	30" Half Round Aluminum Dormer Vents, 16/12 Slope	779.38	102.76
07 72 38 13-1841	EA	30" Half Round Aluminum Dormer Vents, 15/12 Slope	994.49	102.76
07 72 38 13-1842	EA	30" Half Round Aluminum Dormer Vents, 14/12 Slope	1,238.50	102.76
07 72 38 13-1843	EA	30" Half Round Aluminum Dormer Vents, 13/12 Slope	1,421.50	102.76
07 72 38 13-1844	EA	30" Half Round Aluminum Dormer Vents, 12/12 Slope	1,639.82	102.76
07 72 38 13-1845	EA	30" Half Round Aluminum Dormer Vents, 11/12 Slope	1,851.72	102.76
07 72 38 13-1846	EA	30" Half Round Aluminum Dormer Vents, 10/12 Slope	2,066.83	102.76
07 72 38 13-1847	EA	30" Half Round Aluminum Dormer Vents, 9/12 Slope	2,281.94	102.76
07 72 38 13-1848	EA	30" Half Round Aluminum Dormer Vents, 8/12 Slope	2,497.05	102.76
07 72 38 13-1849	EA	30" Half Round Aluminum Dormer Vents, 7/12 Slope	2,708.95	102.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1850	EA	30" Half Round Aluminum Dormer Vents, 6/12 Slope	2,924.06	102.76
07 72 38 13-1851	EA	30" Half Round Aluminum Dormer Vents, 5/12 Slope	3,139.17	102.76
07 72 38 13-1852	EA	36" Half Round Aluminum Dormer Vents, 16/12 Slope	910.73	116.81
07 72 38 13-1853	EA	36" Half Round Aluminum Dormer Vents, 15/12 Slope	1,125.84	116.81
07 72 38 13-1854	EA	36" Half Round Aluminum Dormer Vents, 14/12 Slope	1,369.85	116.81
07 72 38 13-1855	EA	36" Half Round Aluminum Dormer Vents, 13/12 Slope	1,552.85	116.81
07 72 38 13-1856	EA	36" Half Round Aluminum Dormer Vents, 12/12 Slope	1,771.17	116.81
07 72 38 13-1857	EA	36" Half Round Aluminum Dormer Vents, 11/12 Slope	1,983.07	116.81
07 72 38 13-1858	EA	36" Half Round Aluminum Dormer Vents, 10/12 Slope	2,198.18	116.81
07 72 38 13-1859	EA	36" Half Round Aluminum Dormer Vents, 9/12 Slope	2,413.29	116.81
07 72 38 13-1860	EA	36" Half Round Aluminum Dormer Vents, 8/12 Slope	2,628.40	116.81
07 72 38 13-1861	EA	36" Half Round Aluminum Dormer Vents, 7/12 Slope	2,840.30	116.81
07 72 38 13-1862	EA	36" Half Round Aluminum Dormer Vents, 6/12 Slope	3,055.41	116.81
07 72 38 13-1863	EA	36" Half Round Aluminum Dormer Vents, 5/12 Slope	3,270.52	116.81
07 72 38 13-1864	EA	42" Half Round Aluminum Dormer Vents, 16/12 Slope	1,483.47	129.98
07 72 38 13-1865	EA	42" Half Round Aluminum Dormer Vents, 15/12 Slope	1,698.58	129.98
07 72 38 13-1866	EA	42" Half Round Aluminum Dormer Vents, 14/12 Slope	1,942.59	129.98
07 72 38 13-1867	EA	42" Half Round Aluminum Dormer Vents, 13/12 Slope	2,125.59	129.98
07 72 38 13-1868	EA	42" Half Round Aluminum Dormer Vents, 12/12 Slope	2,343.91	129.98
07 72 38 13-1869	EA	42" Half Round Aluminum Dormer Vents, 11/12 Slope	2,555.81	129.98
07 72 38 13-1870	EA	42" Half Round Aluminum Dormer Vents, 10/12 Slope	2,770.92	129.98
07 72 38 13-1871	EA	42" Half Round Aluminum Dormer Vents, 9/12 Slope	2,986.03	129.98
07 72 38 13-1872	EA	42" Half Round Aluminum Dormer Vents, 8/12 Slope	3,201.14	129.98
07 72 38 13-1873	EA	42" Half Round Aluminum Dormer Vents, 7/12 Slope	3,413.04	129.98
07 72 38 13-1874	EA	42" Half Round Aluminum Dormer Vents, 6/12 Slope	3,628.15	129.98
07 72 38 13-1875	EA	42" Half Round Aluminum Dormer Vents, 5/12 Slope	3,843.26	129.98
07 72 38 13-1876	EA	48" Half Round Aluminum Dormer Vents, 16/12 Slope	2,121.29	129.98
07 72 38 13-1877	EA	48" Half Round Aluminum Dormer Vents, 15/12 Slope	2,353.69	141.40
07 72 38 13-1878	EA	48" Half Round Aluminum Dormer Vents, 14/12 Slope	2,597.69	141.40
07 72 38 13-1879	EA	48" Half Round Aluminum Dormer Vents, 13/12 Slope	2,780.70	141.40
07 72 38 13-1880	EA	48" Half Round Aluminum Dormer Vents, 12/12 Slope	2,999.02	141.40
07 72 38 13-1881	EA	48" Half Round Aluminum Dormer Vents, 11/12 Slope	3,210.92	141.40
07 72 38 13-1882	EA	48" Half Round Aluminum Dormer Vents, 10/12 Slope	3,426.03	141.40
07 72 38 13-1883	EA	48" Half Round Aluminum Dormer Vents, 9/12 Slope	3,641.14	141.40
07 72 38 13-1884	EA	48" Half Round Aluminum Dormer Vents, 8/12 Slope	3,856.25	141.40
07 72 38 13-1885	EA	48" Half Round Aluminum Dormer Vents, 7/12 Slope	4,068.15	141.40
07 72 38 13-1886	EA	48" Half Round Aluminum Dormer Vents, 6/12 Slope	4,283.26	141.40
07 72 38 13-1887	EA	48" Half Round Aluminum Dormer Vents, 5/12 Slope	4,498.37	141.40

07 72 38 13-1888 Triangle Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1889	EA	18" x 9" Triangle Aluminum Dormer Vents, 16/12 Slope	1,264.36	76.41
07 72 38 13-1890	EA	18" x 9" Triangle Aluminum Dormer Vents, 15/12 Slope	1,479.47	76.41
07 72 38 13-1891	EA	18" x 9" Triangle Aluminum Dormer Vents, 14/12 Slope	1,723.48	76.41
07 72 38 13-1892	EA	18" x 9" Triangle Aluminum Dormer Vents, 13/12 Slope	1,906.48	76.41
07 72 38 13-1893	EA	18" x 9" Triangle Aluminum Dormer Vents, 12/12 Slope	2,124.80	76.41
07 72 38 13-1894	EA	18" x 9" Triangle Aluminum Dormer Vents, 11/12 Slope	2,336.70	76.41
07 72 38 13-1895	EA	18" x 9" Triangle Aluminum Dormer Vents, 10/12 Slope	2,551.81	76.41
07 72 38 13-1896	EA	18" x 9" Triangle Aluminum Dormer Vents, 9/12 Slope	2,766.92	76.41
07 72 38 13-1897	EA	18" x 9" Triangle Aluminum Dormer Vents, 8/12 Slope	2,982.03	76.41
07 72 38 13-1898	EA	18" x 9" Triangle Aluminum Dormer Vents, 7/12 Slope	3,193.93	76.41
07 72 38 13-1899	EA	18" x 9" Triangle Aluminum Dormer Vents, 6/12 Slope	3,409.04	76.41
07 72 38 13-1900	EA	18" x 9" Triangle Aluminum Dormer Vents, 5/12 Slope	3,624.15	76.41
07 72 38 13-1901	EA	18" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,363.67	76.41
07 72 38 13-1902	EA	18" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,578.78	76.41
07 72 38 13-1903	EA	18" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,822.78	76.41
07 72 38 13-1904	EA	18" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,005.79	76.41
07 72 38 13-1905	EA	18" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,224.11	76.41
07 72 38 13-1906	EA	18" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,436.01	76.41
07 72 38 13-1907	EA	18" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,651.12	76.41
07 72 38 13-1908	EA	18" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	2,866.23	76.41
07 72 38 13-1909	EA	18" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,081.34	76.41
07 72 38 13-1910	EA	18" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,293.24	76.41
07 72 38 13-1911	EA	18" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,508.35	76.41
07 72 38 13-1912	EA	18" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,723.46	76.41
07 72 38 13-1913	EA	24" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,518.70	91.34
07 72 38 13-1914	EA	24" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,733.81	91.34
07 72 38 13-1915	EA	24" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,977.82	91.34
07 72 38 13-1916	EA	24" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,160.82	91.34
07 72 38 13-1917	EA	24" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,379.14	91.34
07 72 38 13-1918	EA	24" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,591.04	91.34
07 72 38 13-1919	EA	24" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,806.15	91.34
07 72 38 13-1920	EA	24" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	3,021.26	91.34
07 72 38 13-1921	EA	24" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,236.37	91.34
07 72 38 13-1922	EA	24" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,448.27	91.34
07 72 38 13-1923	EA	24" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,663.38	91.34
07 72 38 13-1924	EA	24" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,878.49	91.34
07 72 38 13-1925	EA	24" x 16" Triangle Aluminum Dormer Vents, 16/12 Slope	1,695.22	91.34
07 72 38 13-1926	EA	24" x 16" Triangle Aluminum Dormer Vents, 15/12 Slope	1,910.33	91.34
07 72 38 13-1927	EA	24" x 16" Triangle Aluminum Dormer Vents, 14/12 Slope	2,154.34	91.34
07 72 38 13-1928	EA	24" x 16" Triangle Aluminum Dormer Vents, 13/12 Slope	2,337.34	91.34
07 72 38 13-1929	EA	24" x 16" Triangle Aluminum Dormer Vents, 12/12 Slope	2,555.66	91.34
07 72 38 13-1930	EA	24" x 16" Triangle Aluminum Dormer Vents, 11/12 Slope	2,767.56	91.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1931	EA	24" x 16" Triangle Aluminum Dormer Vents, 10/12 Slope	2,982.67	91.34
07 72 38 13-1932	EA	24" x 16" Triangle Aluminum Dormer Vents, 9/12 Slope	3,197.78	91.34
07 72 38 13-1933	EA	24" x 16" Triangle Aluminum Dormer Vents, 8/12 Slope	3,412.89	91.34
07 72 38 13-1934	EA	24" x 16" Triangle Aluminum Dormer Vents, 7/12 Slope	3,624.79	91.34
07 72 38 13-1935	EA	24" x 16" Triangle Aluminum Dormer Vents, 6/12 Slope	3,839.90	91.34
07 72 38 13-1936	EA	24" x 16" Triangle Aluminum Dormer Vents, 5/12 Slope	4,055.01	91.34
07 72 38 13-1937	EA	30" x 15" Triangle Aluminum Dormer Vents, 16/12 Slope	1,833.90	102.76
07 72 38 13-1938	EA	30" x 15" Triangle Aluminum Dormer Vents, 15/12 Slope	2,049.01	102.76
07 72 38 13-1939	EA	30" x 15" Triangle Aluminum Dormer Vents, 14/12 Slope	2,293.02	102.76
07 72 38 13-1940	EA	30" x 15" Triangle Aluminum Dormer Vents, 13/12 Slope	2,476.02	102.76
07 72 38 13-1941	EA	30" x 15" Triangle Aluminum Dormer Vents, 12/12 Slope	2,694.34	102.76
07 72 38 13-1942	EA	30" x 15" Triangle Aluminum Dormer Vents, 11/12 Slope	2,906.24	102.76
07 72 38 13-1943	EA	30" x 15" Triangle Aluminum Dormer Vents, 10/12 Slope	3,121.35	102.76
07 72 38 13-1944	EA	30" x 15" Triangle Aluminum Dormer Vents, 9/12 Slope	3,336.46	102.76
07 72 38 13-1945	EA	30" x 15" Triangle Aluminum Dormer Vents, 8/12 Slope	3,551.57	102.76
07 72 38 13-1946	EA	30" x 15" Triangle Aluminum Dormer Vents, 7/12 Slope	3,763.47	102.76
07 72 38 13-1947	EA	30" x 15" Triangle Aluminum Dormer Vents, 6/12 Slope	3,978.58	102.76
07 72 38 13-1948	EA	30" x 15" Triangle Aluminum Dormer Vents, 5/12 Slope	4,193.69	102.76
07 72 38 13-1949	EA	30" x 20" Triangle Aluminum Dormer Vents, 16/12 Slope	2,109.73	102.76
07 72 38 13-1950	EA	30" x 20" Triangle Aluminum Dormer Vents, 15/12 Slope	2,324.84	102.76
07 72 38 13-1951	EA	30" x 20" Triangle Aluminum Dormer Vents, 14/12 Slope	2,568.84	102.76
07 72 38 13-1952	EA	30" x 20" Triangle Aluminum Dormer Vents, 13/12 Slope	2,751.85	102.76
07 72 38 13-1953	EA	30" x 20" Triangle Aluminum Dormer Vents, 12/12 Slope	2,970.17	102.76
07 72 38 13-1954	EA	30" x 20" Triangle Aluminum Dormer Vents, 11/12 Slope	3,182.07	102.76
07 72 38 13-1955	EA	30" x 20" Triangle Aluminum Dormer Vents, 10/12 Slope	3,397.18	102.76
07 72 38 13-1956	EA	30" x 20" Triangle Aluminum Dormer Vents, 9/12 Slope	3,612.29	102.76
07 72 38 13-1957	EA	30" x 20" Triangle Aluminum Dormer Vents, 8/12 Slope	3,827.40	102.76
07 72 38 13-1958	EA	30" x 20" Triangle Aluminum Dormer Vents, 7/12 Slope	4,039.30	102.76
07 72 38 13-1959	EA	30" x 20" Triangle Aluminum Dormer Vents, 6/12 Slope	4,254.41	102.76
07 72 38 13-1960	EA	30" x 20" Triangle Aluminum Dormer Vents, 5/12 Slope	4,469.52	102.76
07 72 38 13-1961	EA	36" x 18" Triangle Aluminum Dormer Vents, 16/12 Slope	2,219.27	116.81
07 72 38 13-1962	EA	36" x 18" Triangle Aluminum Dormer Vents, 15/12 Slope	2,434.38	116.81
07 72 38 13-1963	EA	36" x 18" Triangle Aluminum Dormer Vents, 14/12 Slope	2,678.39	116.81
07 72 38 13-1964	EA	36" x 18" Triangle Aluminum Dormer Vents, 13/12 Slope	2,861.39	116.81
07 72 38 13-1965	EA	36" x 18" Triangle Aluminum Dormer Vents, 12/12 Slope	3,079.72	116.81
07 72 38 13-1966	EA	36" x 18" Triangle Aluminum Dormer Vents, 11/12 Slope	3,291.62	116.81
07 72 38 13-1967	EA	36" x 18" Triangle Aluminum Dormer Vents, 10/12 Slope	3,506.73	116.81
07 72 38 13-1968	EA	36" x 18" Triangle Aluminum Dormer Vents, 9/12 Slope	3,721.84	116.81
07 72 38 13-1969	EA	36" x 18" Triangle Aluminum Dormer Vents, 8/12 Slope	3,936.95	116.81
07 72 38 13-1970	EA	36" x 18" Triangle Aluminum Dormer Vents, 7/12 Slope	4,148.85	116.81
07 72 38 13-1971	EA	36" x 18" Triangle Aluminum Dormer Vents, 6/12 Slope	4,363.96	116.81
07 72 38 13-1972	EA	36" x 18" Triangle Aluminum Dormer Vents, 5/12 Slope	4,579.07	116.81
07 72 38 13-1973	EA	36" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	2,616.49	116.81
07 72 38 13-1974	EA	36" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	2,831.60	116.81
07 72 38 13-1975	EA	36" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,075.61	116.81
07 72 38 13-1976	EA	36" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,258.61	116.81
07 72 38 13-1977	EA	36" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	3,476.93	116.81
07 72 38 13-1978	EA	36" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	3,688.83	116.81
07 72 38 13-1979	EA	36" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	3,903.94	116.81
07 72 38 13-1980	EA	36" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,119.05	116.81
07 72 38 13-1981	EA	36" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,334.16	116.81
07 72 38 13-1982	EA	36" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	4,546.06	116.81
07 72 38 13-1983	EA	36" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	4,761.17	116.81
07 72 38 13-1984	EA	36" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	4,976.28	116.81
07 72 38 13-1985	EA	42" x 21" Triangle Aluminum Dormer Vents, 16/12 Slope	2,669.56	129.98
07 72 38 13-1986	EA	42" x 21" Triangle Aluminum Dormer Vents, 15/12 Slope	2,884.67	129.98
07 72 38 13-1987	EA	42" x 21" Triangle Aluminum Dormer Vents, 14/12 Slope	3,128.68	129.98
07 72 38 13-1988	EA	42" x 21" Triangle Aluminum Dormer Vents, 13/12 Slope	3,311.68	129.98
07 72 38 13-1989	EA	42" x 21" Triangle Aluminum Dormer Vents, 12/12 Slope	3,530.00	129.98
07 72 38 13-1990	EA	42" x 21" Triangle Aluminum Dormer Vents, 11/12 Slope	3,741.90	129.98
07 72 38 13-1991	EA	42" x 21" Triangle Aluminum Dormer Vents, 10/12 Slope	3,957.01	129.98
07 72 38 13-1992	EA	42" x 21" Triangle Aluminum Dormer Vents, 9/12 Slope	4,172.12	129.98
07 72 38 13-1993	EA	42" x 21" Triangle Aluminum Dormer Vents, 8/12 Slope	4,387.23	129.98
07 72 38 13-1994	EA	42" x 21" Triangle Aluminum Dormer Vents, 7/12 Slope	4,599.13	129.98
07 72 38 13-1995	EA	42" x 21" Triangle Aluminum Dormer Vents, 6/12 Slope	4,814.24	129.98
07 72 38 13-1996	EA	42" x 21" Triangle Aluminum Dormer Vents, 5/12 Slope	5,029.35	129.98
07 72 38 13-1997	EA	42" x 28" Triangle Aluminum Dormer Vents, 16/12 Slope	3,210.23	129.98
07 72 38 13-1998	EA	42" x 28" Triangle Aluminum Dormer Vents, 15/12 Slope	3,425.34	129.98
07 72 38 13-1999	EA	42" x 28" Triangle Aluminum Dormer Vents, 14/12 Slope	3,669.34	129.98
07 72 38 13-2000	EA	42" x 28" Triangle Aluminum Dormer Vents, 13/12 Slope	3,852.35	129.98
07 72 38 13-2001	EA	42" x 28" Triangle Aluminum Dormer Vents, 12/12 Slope	4,070.67	129.98
07 72 38 13-2002	EA	42" x 28" Triangle Aluminum Dormer Vents, 11/12 Slope	4,282.57	129.98
07 72 38 13-2003	EA	42" x 28" Triangle Aluminum Dormer Vents, 10/12 Slope	4,497.68	129.98
07 72 38 13-2004	EA	42" x 28" Triangle Aluminum Dormer Vents, 9/12 Slope	4,712.79	129.98
07 72 38 13-2005	EA	42" x 28" Triangle Aluminum Dormer Vents, 8/12 Slope	4,927.90	129.98
07 72 38 13-2006	EA	42" x 28" Triangle Aluminum Dormer Vents, 7/12 Slope	5,139.80	129.98
07 72 38 13-2007	EA	42" x 28" Triangle Aluminum Dormer Vents, 6/12 Slope	5,354.91	129.98
07 72 38 13-2008	EA	42" x 28" Triangle Aluminum Dormer Vents, 5/12 Slope	5,570.02	129.98
07 72 38 13-2009	EA	48" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	3,166.08	129.98
07 72 38 13-2010	EA	48" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	3,398.48	141.40
07 72 38 13-2011	EA	48" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,642.49	141.40
07 72 38 13-2012	EA	48" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,825.49	141.40
07 72 38 13-2013	EA	48" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	4,043.81	141.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2014	EA	48" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	4,255.71	141.40
07 72 38 13-2015	EA	48" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	4,470.82	141.40
07 72 38 13-2016	EA	48" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,685.93	141.40
07 72 38 13-2017	EA	48" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,901.04	141.40
07 72 38 13-2018	EA	48" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	5,112.94	141.40
07 72 38 13-2019	EA	48" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	5,328.05	141.40
07 72 38 13-2020	EA	48" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	5,543.16	141.40
07 72 38 13-2021	EA	48" x 32" Triangle Aluminum Dormer Vents, 16/12 Slope	3,872.22	129.98
07 72 38 13-2022	EA	48" x 32" Triangle Aluminum Dormer Vents, 15/12 Slope	4,104.62	141.40
07 72 38 13-2023	EA	48" x 32" Triangle Aluminum Dormer Vents, 14/12 Slope	4,348.63	141.40
07 72 38 13-2024	EA	48" x 32" Triangle Aluminum Dormer Vents, 13/12 Slope	4,531.63	141.40
07 72 38 13-2025	EA	48" x 32" Triangle Aluminum Dormer Vents, 12/12 Slope	4,749.95	141.40
07 72 38 13-2026	EA	48" x 32" Triangle Aluminum Dormer Vents, 11/12 Slope	4,961.85	141.40
07 72 38 13-2027	EA	48" x 32" Triangle Aluminum Dormer Vents, 10/12 Slope	5,176.96	141.40
07 72 38 13-2028	EA	48" x 32" Triangle Aluminum Dormer Vents, 9/12 Slope	5,392.07	141.40
07 72 38 13-2029	EA	48" x 32" Triangle Aluminum Dormer Vents, 8/12 Slope	5,607.18	141.40
07 72 38 13-2030	EA	48" x 32" Triangle Aluminum Dormer Vents, 7/12 Slope	5,819.08	141.40
07 72 38 13-2031	EA	48" x 32" Triangle Aluminum Dormer Vents, 6/12 Slope	6,034.19	141.40
07 72 38 13-2032	EA	48" x 32" Triangle Aluminum Dormer Vents, 5/12 Slope	6,249.30	141.40
07 72 38 13-2033		Rectangle Aluminum Roof Dormer Vent *(07 72 38 13-1814)*		
07 72 38 13-2034	EA	12" x 18" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,379.91	76.41
07 72 38 13-2035	EA	12" x 18" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,511.26	76.41
07 72 38 13-2036	EA	12" x 18" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,642.60	76.41
07 72 38 13-2037	EA	12" x 18" Rectangle Aluminum Dormer Vents, 13/12 Slope	1,773.95	76.41
07 72 38 13-2038	EA	12" x 18" Rectangle Aluminum Dormer Vents, 12/12 Slope	1,905.29	76.41
07 72 38 13-2039	EA	12" x 18" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,036.64	76.41
07 72 38 13-2040	EA	12" x 18" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,167.99	76.41
07 72 38 13-2041	EA	12" x 18" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,299.33	76.41
07 72 38 13-2042	EA	12" x 18" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,430.68	76.41
07 72 38 13-2043	EA	12" x 18" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,562.02	76.41
07 72 38 13-2044	EA	12" x 18" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,693.37	76.41
07 72 38 13-2045	EA	12" x 18" Rectangle Aluminum Dormer Vents, 5/12 Slope	2,824.71	76.41
07 72 38 13-2046	EA	15" x 21" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,650.46	91.34
07 72 38 13-2047	EA	15" x 21" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,781.81	91.34
07 72 38 13-2048	EA	15" x 21" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,913.16	91.34
07 72 38 13-2049	EA	15" x 21" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,044.50	91.34
07 72 38 13-2050	EA	15" x 21" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,175.85	91.34
07 72 38 13-2051	EA	15" x 21" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,307.19	91.34
07 72 38 13-2052	EA	15" x 21" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,438.54	91.34
07 72 38 13-2053	EA	15" x 21" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,569.88	91.34
07 72 38 13-2054	EA	15" x 21" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,701.23	91.34
07 72 38 13-2055	EA	15" x 21" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,832.58	91.34
07 72 38 13-2056	EA	15" x 21" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,963.92	91.34
07 72 38 13-2057	EA	15" x 21" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,095.27	91.34
07 72 38 13-2058	EA	18" x 27" Rectangle Aluminum Dormer Vents, 16/12 Slope	2,095.98	102.76
07 72 38 13-2059	EA	18" x 27" Rectangle Aluminum Dormer Vents, 15/12 Slope	2,227.33	102.76
07 72 38 13-2060	EA	18" x 27" Rectangle Aluminum Dormer Vents, 14/12 Slope	2,358.68	102.76
07 72 38 13-2061	EA	18" x 27" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,490.02	102.76
07 72 38 13-2062	EA	18" x 27" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,621.37	102.76
07 72 38 13-2063	EA	18" x 27" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,752.71	102.76
07 72 38 13-2064	EA	18" x 27" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,884.06	102.76
07 72 38 13-2065	EA	18" x 27" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,015.40	102.76
07 72 38 13-2066	EA	18" x 27" Rectangle Aluminum Dormer Vents, 8/12 Slope	3,146.75	102.76
07 72 38 13-2067	EA	18" x 27" Rectangle Aluminum Dormer Vents, 7/12 Slope	3,278.09	102.76
07 72 38 13-2068	EA	18" x 27" Rectangle Aluminum Dormer Vents, 6/12 Slope	3,409.44	102.76
07 72 38 13-2069	EA	18" x 27" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,540.79	102.76
07 72 38 13-2070	EA	24" x 36" Rectangle Aluminum Dormer Vents, 16/12 Slope	3,063.89	116.81
07 72 38 13-2071	EA	24" x 36" Rectangle Aluminum Dormer Vents, 15/12 Slope	3,195.23	116.81
07 72 38 13-2072	EA	24" x 36" Rectangle Aluminum Dormer Vents, 14/12 Slope	3,326.58	116.81
07 72 38 13-2073	EA	24" x 36" Rectangle Aluminum Dormer Vents, 13/12 Slope	3,457.92	116.81
07 72 38 13-2074	EA	24" x 36" Rectangle Aluminum Dormer Vents, 12/12 Slope	3,589.27	116.81
07 72 38 13-2075	EA	24" x 36" Rectangle Aluminum Dormer Vents, 11/12 Slope	3,720.62	116.81
07 72 38 13-2076	EA	24" x 36" Rectangle Aluminum Dormer Vents, 10/12 Slope	3,851.96	116.81
07 72 38 13-2077	EA	24" x 36" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,983.31	116.81
07 72 38 13-2078	EA	24" x 36" Rectangle Aluminum Dormer Vents, 8/12 Slope	4,114.65	116.81
07 72 38 13-2079	EA	24" x 36" Rectangle Aluminum Dormer Vents, 7/12 Slope	4,246.00	116.81
07 72 38 13-2080	EA	24" x 36" Rectangle Aluminum Dormer Vents, 6/12 Slope	4,377.34	116.81
07 72 38 13-2081	EA	24" x 36" Rectangle Aluminum Dormer Vents, 5/12 Slope	4,508.69	116.81
07 72 38 13-2082	EA	30" x 42" Rectangle Aluminum Dormer Vents, 16/12 Slope	4,075.55	129.98
07 72 38 13-2083	EA	30" x 42" Rectangle Aluminum Dormer Vents, 15/12 Slope	4,206.89	129.98
07 72 38 13-2084	EA	30" x 42" Rectangle Aluminum Dormer Vents, 14/12 Slope	4,338.24	129.98
07 72 38 13-2085	EA	30" x 42" Rectangle Aluminum Dormer Vents, 13/12 Slope	4,469.58	129.98
07 72 38 13-2086	EA	30" x 42" Rectangle Aluminum Dormer Vents, 12/12 Slope	4,600.93	129.98
07 72 38 13-2087	EA	30" x 42" Rectangle Aluminum Dormer Vents, 11/12 Slope	4,732.28	129.98
07 72 38 13-2088	EA	30" x 42" Rectangle Aluminum Dormer Vents, 10/12 Slope	4,863.62	129.98
07 72 38 13-2089	EA	30" x 42" Rectangle Aluminum Dormer Vents, 9/12 Slope	4,994.97	129.98
07 72 38 13-2090	EA	30" x 42" Rectangle Aluminum Dormer Vents, 8/12 Slope	5,126.31	129.98
07 72 38 13-2091	EA	30" x 42" Rectangle Aluminum Dormer Vents, 7/12 Slope	5,257.66	129.98
07 72 38 13-2092	EA	30" x 42" Rectangle Aluminum Dormer Vents, 6/12 Slope	5,389.00	129.98
07 72 38 13-2093	EA	30" x 42" Rectangle Aluminum Dormer Vents, 5/12 Slope	5,520.35	129.98
07 72 38 13-2094	EA	36" x 48" Rectangle Aluminum Dormer Vents, 16/12 Slope	5,247.54	129.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2095	EA	36" x 48" Rectangle Aluminum Dormer Vents, 15/12 Slope	5,396.18	141.40
07 72 38 13-2096	EA	36" x 48" Rectangle Aluminum Dormer Vents, 14/12 Slope	5,527.53	141.40
07 72 38 13-2097	EA	36" x 48" Rectangle Aluminum Dormer Vents, 13/12 Slope	5,658.87	141.40
07 72 38 13-2098	EA	36" x 48" Rectangle Aluminum Dormer Vents, 12/12 Slope	5,790.22	141.40
07 72 38 13-2099	EA	36" x 48" Rectangle Aluminum Dormer Vents, 11/12 Slope	5,921.56	141.40
07 72 38 13-2100	EA	36" x 48" Rectangle Aluminum Dormer Vents, 10/12 Slope	6,052.91	141.40
07 72 38 13-2101	EA	36" x 48" Rectangle Aluminum Dormer Vents, 9/12 Slope	6,184.25	141.40
07 72 38 13-2102	EA	36" x 48" Rectangle Aluminum Dormer Vents, 8/12 Slope	6,315.60	141.40
07 72 38 13-2103	EA	36" x 48" Rectangle Aluminum Dormer Vents, 7/12 Slope	6,446.95	141.40
07 72 38 13-2104	EA	36" x 48" Rectangle Aluminum Dormer Vents, 6/12 Slope	6,578.29	141.40
07 72 38 13-2105	EA	36" x 48" Rectangle Aluminum Dormer Vents, 5/12 Slope	6,709.64	141.40

07 72 38 13-2106 Tombstone Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2107	EA	12" x 18" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,453.56	76.41
07 72 38 13-2108	EA	12" x 18" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,668.67	76.41
07 72 38 13-2109	EA	12" x 18" Tombstone Aluminum Dormer Vents, 14/12 Slope	1,912.68	76.41
07 72 38 13-2110	EA	12" x 18" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,095.68	76.41
07 72 38 13-2111	EA	12" x 18" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,314.00	76.41
07 72 38 13-2112	EA	12" x 18" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,525.90	76.41
07 72 38 13-2113	EA	12" x 18" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,741.01	76.41
07 72 38 13-2114	EA	12" x 18" Tombstone Aluminum Dormer Vents, 9/12 Slope	2,956.12	76.41
07 72 38 13-2115	EA	12" x 18" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,171.23	76.41
07 72 38 13-2116	EA	12" x 18" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,383.13	76.41
07 72 38 13-2117	EA	12" x 18" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,598.24	76.41
07 72 38 13-2118	EA	12" x 18" Tombstone Aluminum Dormer Vents, 5/12 Slope	3,813.35	76.41
07 72 38 13-2119	EA	15" x 21" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,676.44	91.34
07 72 38 13-2120	EA	15" x 21" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,891.55	91.34
07 72 38 13-2121	EA	15" x 21" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,135.55	91.34
07 72 38 13-2122	EA	15" x 21" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,318.56	91.34
07 72 38 13-2123	EA	15" x 21" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,536.88	91.34
07 72 38 13-2124	EA	15" x 21" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,748.78	91.34
07 72 38 13-2125	EA	15" x 21" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,963.89	91.34
07 72 38 13-2126	EA	15" x 21" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,179.00	91.34
07 72 38 13-2127	EA	15" x 21" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,394.11	91.34
07 72 38 13-2128	EA	15" x 21" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,606.01	91.34
07 72 38 13-2129	EA	15" x 21" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,821.12	91.34
07 72 38 13-2130	EA	15" x 21" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,036.23	91.34
07 72 38 13-2131	EA	18" x 27" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,039.61	102.76
07 72 38 13-2132	EA	18" x 27" Tombstone Aluminum Dormer Vents, 15/12 Slope	2,254.72	102.76
07 72 38 13-2133	EA	18" x 27" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,498.72	102.76
07 72 38 13-2134	EA	18" x 27" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,681.73	102.76
07 72 38 13-2135	EA	18" x 27" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,900.05	102.76
07 72 38 13-2136	EA	18" x 27" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,111.95	102.76
07 72 38 13-2137	EA	18" x 27" Tombstone Aluminum Dormer Vents, 10/12 Slope	3,327.06	102.76
07 72 38 13-2138	EA	18" x 27" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,542.17	102.76
07 72 38 13-2139	EA	18" x 27" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,757.28	102.76
07 72 38 13-2140	EA	18" x 27" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,969.18	102.76
07 72 38 13-2141	EA	18" x 27" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,184.29	102.76
07 72 38 13-2142	EA	18" x 27" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,399.40	102.76
07 72 38 13-2143	EA	24" x 36" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,825.47	116.81
07 72 38 13-2144	EA	24" x 36" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,040.58	116.81
07 72 38 13-2145	EA	24" x 36" Tombstone Aluminum Dormer Vents, 14/12 Slope	3,284.58	116.81
07 72 38 13-2146	EA	24" x 36" Tombstone Aluminum Dormer Vents, 13/12 Slope	3,467.59	116.81
07 72 38 13-2147	EA	24" x 36" Tombstone Aluminum Dormer Vents, 12/12 Slope	3,685.91	116.81
07 72 38 13-2148	EA	24" x 36" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,897.81	116.81
07 72 38 13-2149	EA	24" x 36" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,112.92	116.81
07 72 38 13-2150	EA	24" x 36" Tombstone Aluminum Dormer Vents, 9/12 Slope	4,328.03	116.81
07 72 38 13-2151	EA	24" x 36" Tombstone Aluminum Dormer Vents, 8/12 Slope	4,543.14	116.81
07 72 38 13-2152	EA	24" x 36" Tombstone Aluminum Dormer Vents, 7/12 Slope	4,755.04	116.81
07 72 38 13-2153	EA	24" x 36" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,970.15	116.81
07 72 38 13-2154	EA	24" x 36" Tombstone Aluminum Dormer Vents, 5/12 Slope	5,185.26	116.81
07 72 38 13-2155	EA	30" x 42" Tombstone Aluminum Dormer Vents, 16/12 Slope	3,646.42	129.98
07 72 38 13-2156	EA	30" x 42" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,861.53	129.98
07 72 38 13-2157	EA	30" x 42" Tombstone Aluminum Dormer Vents, 14/12 Slope	4,105.53	129.98
07 72 38 13-2158	EA	30" x 42" Tombstone Aluminum Dormer Vents, 13/12 Slope	4,288.54	129.98
07 72 38 13-2159	EA	30" x 42" Tombstone Aluminum Dormer Vents, 12/12 Slope	4,506.86	129.98
07 72 38 13-2160	EA	30" x 42" Tombstone Aluminum Dormer Vents, 11/12 Slope	4,718.76	129.98
07 72 38 13-2161	EA	30" x 42" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,933.87	129.98
07 72 38 13-2162	EA	30" x 42" Tombstone Aluminum Dormer Vents, 9/12 Slope	5,148.98	129.98
07 72 38 13-2163	EA	30" x 42" Tombstone Aluminum Dormer Vents, 8/12 Slope	5,364.09	129.98
07 72 38 13-2164	EA	30" x 42" Tombstone Aluminum Dormer Vents, 7/12 Slope	5,575.99	129.98
07 72 38 13-2165	EA	30" x 42" Tombstone Aluminum Dormer Vents, 6/12 Slope	5,791.10	129.98
07 72 38 13-2166	EA	30" x 42" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,006.21	129.98
07 72 38 13-2167	EA	36" x 48" Tombstone Aluminum Dormer Vents, 16/12 Slope	4,593.03	129.98
07 72 38 13-2168	EA	36" x 48" Tombstone Aluminum Dormer Vents, 15/12 Slope	4,825.43	141.40
07 72 38 13-2169	EA	36" x 48" Tombstone Aluminum Dormer Vents, 14/12 Slope	5,069.44	141.40
07 72 38 13-2170	EA	36" x 48" Tombstone Aluminum Dormer Vents, 13/12 Slope	5,252.44	141.40
07 72 38 13-2171	EA	36" x 48" Tombstone Aluminum Dormer Vents, 12/12 Slope	5,470.76	141.40
07 72 38 13-2172	EA	36" x 48" Tombstone Aluminum Dormer Vents, 11/12 Slope	5,682.66	141.40
07 72 38 13-2173	EA	36" x 48" Tombstone Aluminum Dormer Vents, 10/12 Slope	5,897.77	141.40
07 72 38 13-2174	EA	36" x 48" Tombstone Aluminum Dormer Vents, 9/12 Slope	6,112.88	141.40
07 72 38 13-2175	EA	36" x 48" Tombstone Aluminum Dormer Vents, 8/12 Slope	6,327.99	141.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2176	EA	36" x 48" Tombstone Aluminum Dormer Vents, 7/12 Slope	6,539.89	141.40
07 72 38 13-2177	EA	36" x 48" Tombstone Aluminum Dormer Vents, 6/12 Slope	6,755.00	141.40
07 72 38 13-2178	EA	36" x 48" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,970.11	141.40
07 72 38 13-2179		**Arched Top Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2180	EA	12" x 15" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,385.98	76.41
07 72 38 13-2181	EA	12" x 15" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,582.98	76.41
07 72 38 13-2182	EA	12" x 15" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,779.98	76.41
07 72 38 13-2183	EA	12" x 15" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,976.99	76.41
07 72 38 13-2184	EA	12" x 15" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,173.99	76.41
07 72 38 13-2185	EA	12" x 15" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,370.99	76.41
07 72 38 13-2186	EA	12" x 15" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,567.99	76.41
07 72 38 13-2187	EA	12" x 15" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,765.00	76.41
07 72 38 13-2188	EA	12" x 15" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,962.00	76.41
07 72 38 13-2189	EA	12" x 15" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,159.00	76.41
07 72 38 13-2190	EA	12" x 15" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,356.00	76.41
07 72 38 13-2191	EA	12" x 15" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,553.01	76.41
07 72 38 13-2192	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,619.90	91.34
07 72 38 13-2193	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,816.90	91.34
07 72 38 13-2194	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,013.90	91.34
07 72 38 13-2195	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,210.91	91.34
07 72 38 13-2196	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,407.91	91.34
07 72 38 13-2197	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,604.91	91.34
07 72 38 13-2198	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,801.91	91.34
07 72 38 13-2199	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,998.92	91.34
07 72 38 13-2200	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,195.92	91.34
07 72 38 13-2201	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,392.92	91.34
07 72 38 13-2202	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,589.92	91.34
07 72 38 13-2203	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,786.93	91.34
07 72 38 13-2204	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,895.45	102.76
07 72 38 13-2205	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,092.45	102.76
07 72 38 13-2206	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,289.45	102.76
07 72 38 13-2207	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,486.46	102.76
07 72 38 13-2208	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,683.46	102.76
07 72 38 13-2209	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,880.46	102.76
07 72 38 13-2210	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,077.46	102.76
07 72 38 13-2211	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	1,819.41	102.46
07 72 38 13-2212	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	1,924.50	102.46
07 72 38 13-2213	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,029.59	102.46
07 72 38 13-2214	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,134.68	102.46
07 72 38 13-2215	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,239.77	102.46
07 72 38 13-2216	EA	24" x 30" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,455.73	117.11
07 72 38 13-2217	EA	24" x 30" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,560.82	117.11
07 72 38 13-2218	EA	24" x 30" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,665.92	117.11
07 72 38 13-2219	EA	24" x 30" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,771.01	117.11
07 72 38 13-2220	EA	24" x 30" Arched Top Aluminum Dormer Vents, 12/12 Slope	1,876.10	117.11
07 72 38 13-2221	EA	24" x 30" Arched Top Aluminum Dormer Vents, 11/12 Slope	1,981.19	117.11
07 72 38 13-2222	EA	24" x 30" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,086.28	117.11
07 72 38 13-2223	EA	24" x 30" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,191.37	117.11
07 72 38 13-2224	EA	24" x 30" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,296.46	117.11
07 72 38 13-2225	EA	24" x 30" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,401.55	117.11
07 72 38 13-2226	EA	24" x 30" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,506.65	117.11
07 72 38 13-2227	EA	24" x 30" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,611.74	117.11
07 72 38 13-2228	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,926.57	130.40
07 72 38 13-2229	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,031.66	130.40
07 72 38 13-2230	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,136.75	130.40
07 72 38 13-2231	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,241.85	130.40
07 72 38 13-2232	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,346.94	130.40
07 72 38 13-2233	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,452.03	130.40
07 72 38 13-2234	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,557.12	130.40
07 72 38 13-2235	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,662.21	130.40
07 72 38 13-2236	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,767.30	130.40
07 72 38 13-2237	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,872.39	130.40
07 72 38 13-2238	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,977.48	130.40
07 72 38 13-2239	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,082.58	130.40
07 72 38 13-2240	EA	36" x 45" Arched Top Aluminum Dormer Vents, 16/12 Slope	2,477.63	130.40
07 72 38 13-2241	EA	36" x 45" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,600.01	141.06
07 72 38 13-2242	EA	36" x 45" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,705.11	141.06
07 72 38 13-2243	EA	36" x 45" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,810.20	141.06
07 72 38 13-2244	EA	36" x 45" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,915.29	141.06
07 72 38 13-2245	EA	36" x 45" Arched Top Aluminum Dormer Vents, 11/12 Slope	3,020.38	141.06
07 72 38 13-2246	EA	36" x 45" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,125.47	141.06
07 72 38 13-2247	EA	36" x 45" Arched Top Aluminum Dormer Vents, 9/12 Slope	3,230.56	141.06
07 72 38 13-2248	EA	36" x 45" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,335.65	141.06
07 72 38 13-2249	EA	36" x 45" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,440.74	141.06
07 72 38 13-2250	EA	36" x 45" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,545.84	141.06
07 72 38 13-2251	EA	36" x 45" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,650.93	141.06
07 72 38 13-2252		**Hipped Roof Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2253	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	617.47	76.41
07 72 38 13-2254	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	706.99	76.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2255	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	796.52	76.41
07 72 38 13-2256	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	886.04	76.41
07 72 38 13-2257	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	975.56	76.41
07 72 38 13-2258	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,065.09	76.41
07 72 38 13-2259	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,154.61	76.41
07 72 38 13-2260	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,244.13	76.41
07 72 38 13-2261	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,333.65	76.41
07 72 38 13-2262	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,423.18	76.41
07 72 38 13-2263	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,512.70	76.41
07 72 38 13-2264	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,602.22	76.41
07 72 38 13-2265	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	738.44	91.34
07 72 38 13-2266	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	827.97	91.34
07 72 38 13-2267	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	917.49	91.34
07 72 38 13-2268	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,007.01	91.34
07 72 38 13-2269	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,096.54	91.34
07 72 38 13-2270	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,186.06	91.34
07 72 38 13-2271	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,275.58	91.34
07 72 38 13-2272	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,365.10	91.34
07 72 38 13-2273	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,454.63	91.34
07 72 38 13-2274	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,544.15	91.34
07 72 38 13-2275	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,633.67	91.34
07 72 38 13-2276	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,723.20	91.34
07 72 38 13-2277	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	925.60	102.76
07 72 38 13-2278	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,015.12	102.76
07 72 38 13-2279	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,104.65	102.76
07 72 38 13-2280	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,194.17	102.76
07 72 38 13-2281	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,283.69	102.76
07 72 38 13-2282	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,373.21	102.76
07 72 38 13-2283	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,462.74	102.76
07 72 38 13-2284	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,552.26	102.76
07 72 38 13-2285	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,641.78	102.76
07 72 38 13-2286	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,731.31	102.76
07 72 38 13-2287	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,820.83	102.76
07 72 38 13-2288	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,910.35	102.76
07 72 38 13-2289	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,322.38	116.81
07 72 38 13-2290	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,411.91	116.81
07 72 38 13-2291	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,501.43	116.81
07 72 38 13-2292	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,590.95	116.81
07 72 38 13-2293	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,680.47	116.81
07 72 38 13-2294	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,770.00	116.81
07 72 38 13-2295	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,859.52	116.81
07 72 38 13-2296	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,949.04	116.81
07 72 38 13-2297	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,038.56	116.81
07 72 38 13-2298	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,128.09	116.81
07 72 38 13-2299	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,217.61	116.81
07 72 38 13-2300	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,307.13	116.81
07 72 38 13-2301	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,735.73	129.98
07 72 38 13-2302	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,825.25	129.98
07 72 38 13-2303	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,914.77	129.98
07 72 38 13-2304	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,004.29	129.98
07 72 38 13-2305	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,093.82	129.98
07 72 38 13-2306	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,183.34	129.98
07 72 38 13-2307	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,272.86	129.98
07 72 38 13-2308	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,362.39	129.98
07 72 38 13-2309	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,451.91	129.98
07 72 38 13-2310	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,541.43	129.98
07 72 38 13-2311	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,630.95	129.98
07 72 38 13-2312	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,720.48	129.98
07 72 38 13-2313	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	2,200.62	129.98
07 72 38 13-2314	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	2,307.43	141.40
07 72 38 13-2315	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	2,396.96	141.40
07 72 38 13-2316	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,486.48	141.40
07 72 38 13-2317	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,576.00	141.40
07 72 38 13-2318	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,665.52	141.40
07 72 38 13-2319	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,755.05	141.40
07 72 38 13-2320	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,844.57	141.40
07 72 38 13-2321	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,934.09	141.40
07 72 38 13-2322	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	3,023.62	141.40
07 72 38 13-2323	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	3,113.14	141.40
07 72 38 13-2324	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	3,202.66	141.40

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	13.53	3.30
		For Diamond Surface, Add	*1.17*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	15.04	3.96
		For Diamond Surface, Add	*1.36*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	16.59	3.96
		For Diamond Surface, Add	*1.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63		**Waste Containment Assemblies** *(07 72)*		
07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	3,293.17	273.17
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,671.95	273.17
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,490.91	284.09
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	4,469.26	284.09
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,820.36	307.31
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,559.21	307.31
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	5,087.17	364.12
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	7,471.27	455.23
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	9,246.61	455.23
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	11,682.30	455.23
07 72 63 00-0013		Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	4,034.59	273.17
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,527.16	273.17
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,578.86	284.09
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,676.31	284.09
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	8,077.44	307.31
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,851.45	307.31
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	8,248.16	364.12
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	9,300.74	455.23
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	11,611.93	455.23
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	14,778.32	455.23
07 72 63 00-0024		Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)* Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025		Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0026		Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*		
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	269.72	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	377.98	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	540.34	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	499.88	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	932.90	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	943.71	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	730.05	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	946.56	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,384.98	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,823.41	
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	560.83	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	744.87	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,080.46	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	1,007.51	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,933.07	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,943.89	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,443.34	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,946.72	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,850.63	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,792.43	

07 72 63 00-0049 Heavy-Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	696.16	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	863.96	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,264.48	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,196.96	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,328.19	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,317.37	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,692.34	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,341.84	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,283.64	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,566.45	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.47	0.69
		For No Adhesive, Deduct	*-0.97*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	5.04	0.75
		For No Adhesive, Deduct	*-1.00*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	5.33	0.82
		For No Adhesive, Deduct	*-1.03*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.53	0.69
		For No Adhesive, Deduct	*-0.97*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.13	0.75
		For No Adhesive, Deduct	*-1.00*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.42	0.82
		For No Adhesive, Deduct	*-1.03*	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.34	0.69
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.96	0.75
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	5.26	0.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.40	0.69
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	5.05	0.75
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	5.35	0.82

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.31	0.69
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.88	0.75
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	5.17	0.82
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.44*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.63*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.37	0.69
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.97	0.75
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	5.26	0.82
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.39*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.82*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.44*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.24*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.63*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.41*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	13.55	8.56
		For 1-1/2" Thickness, Deduct	*-1.36*	
		For 2-1/2" Thickness, Add	*1.47*	
		For 3" Thickness, Add	*2.94*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	12.10	6.46
		For 1-1/2" Thickness, Deduct	*-1.21*	
		For 2-1/2" Thickness, Add	*1.32*	
		For 3" Thickness, Add	*2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	11.32	5.14
		For 1-1/2" Thickness, Deduct	*-1.13*	
		For 2-1/2" Thickness, Add	*1.24*	
		For 3" Thickness, Add	*2.47*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	10.87	4.49
		For 1-1/2" Thickness, Deduct	*-1.09*	
		For 2-1/2" Thickness, Add	*1.19*	
		For 3" Thickness, Add	*2.37*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	10.27	4.09
		For 1-1/2" Thickness, Deduct	*-1.03*	
		For 2-1/2" Thickness, Add	*1.12*	
		For 3" Thickness, Add	*2.24*	
07 76 16 00-0007		Roof Paver Pedestal *(07 76 16)*		
07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	27.41	1.36
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	28.77	1.36
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	30.14	1.36
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	15.16	1.36
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	13.77	1.36
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	14.09	1.36
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	7.90	1.36
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	10.67	1.36
07 76 16 00-0016		Roof Paver *(07 76 16)* Note: For walkway application over roofing system.		
07 76 16 00-0017	EA	2" Thick, 48" x 48" Nominal, Reinforced Precast Concrete Pavers Note: Custom color and finish to match existing	930.12	

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001		Composite Insulation Concrete Protection Board *(07 76 19)* Note: Manufactured by T. Clear Corp. 25 year warranty.		
07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	6.49	
		For 20 Year Warranty, Deduct	*-0.37*	
		For 15 Year Warranty, Deduct	*-0.75*	
		For 10 Year Warranty, Deduct	*-1.02*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	8.42	
		For 20 Year Warranty, Deduct	*-0.53*	
		For 15 Year Warranty, Deduct	*-1.07*	
		For 10 Year Warranty, Deduct	*-1.44*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	9.93	
		For 20 Year Warranty, Deduct	*-0.62*	
		For 15 Year Warranty, Deduct	*-1.24*	
		For 10 Year Warranty, Deduct	*-1.68*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	11.95	
		For 20 Year Warranty, Deduct	*-0.77*	
		For 15 Year Warranty, Deduct	*-1.56*	
		For 10 Year Warranty, Deduct	*-2.10*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001		Monokote Fireproofing *(07 81 16)*		
07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	2.33	0.84
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	3.28	1.25
07 81 16 00-0004		Gunite Fireproofing *(07 81 16)*		
07 81 16 00-0005	SF	1" Thick, Non-Reinforced, Gunite Fireproofing	3.59	0.75
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing	5.15	0.75

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001		Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*		
07 81 23 00-0002		Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)* Note: Excludes primer.		
07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	17.82	
		For >10,000, Deduct	*-1.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	28.76	
		For >10,000, Deduct	*-2.81*	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	11.46	
		For >10,000, Deduct	*-1.08*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	25.72	
		For >10,000, Deduct	*-2.50*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	58.59	
		For >10,000, Deduct	*-5.78*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	80.74	
		For >10,000, Deduct	*-7.99*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	102.93	
		For >10,000, Deduct	*-10.21*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	125.13	
		For >10,000, Deduct	*-12.42*	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	23.42	
		For >10,000, Deduct	*-2.28*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	43.77	
		For >10,000, Deduct	*-4.31*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	69.64	
		For >10,000, Deduct	*-6.89*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	97.33	
		For >10,000, Deduct	*-9.65*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	123.21	
		For >10,000, Deduct	*-12.24*	

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	11.31	
		For >10,000, Deduct	*-1.09*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	25.97	
		For >10,000, Deduct	*-2.55*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	59.77	
		For >10,000, Deduct	*-5.92*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	82.56	
		For >10,000, Deduct	*-8.20*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	105.38	
		For >10,000, Deduct	*-10.48*	

07 81 33 Mineral-Fiber Fireproofing *(07 81)*

07 81 33 00-0001 Cellulose Fireproofing *(07 81 33)*

07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.72	0.75

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001 Firestopping Systems For Cable Penetrations *(07 84 13 16)*

07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*

Note: Includes putty, escutcheon plates, gaskets and bushings.

07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	65.18	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	87.76	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	142.69	

07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*

Note: Includes pathway, putty and wall/floor mounting plates.

07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	119.37	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	209.64	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	384.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0010		**3M Intumescent Firestopping Multi-Trade Pass Through Device** *(07 84 13 16)*		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	269.57	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	249.62	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	257.19	
07 84 13 16-0014		**Intumescent Firestopping Pipe Collar** *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	41.55	12.10
07 84 13 16-0016	EA	2" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	49.91	12.10
07 84 13 16-0017	EA	3" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	58.01	13.31
07 84 13 16-0018	EA	4" Diameter, Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	90.35	15.13
07 84 13 16-0019	EA	8" Diameter, Intumescent Firestop Pipe Collar (Hilti CP644 8")	439.55	18.15
07 84 13 16-0020	EA	10" Diameter, Intumescent Firestop Pipe Collar (Hilti CP644 10")	567.59	19.97
07 84 13 16-0021		**Fire Rated Enclosures (Fire Rated Product Specialties Corp.)** *(07 84 13 16)* Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	172.44	
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	183.31	
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.	366.22	
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	231.15	
07 84 13 16-0026		**Intumescent Firestopping Wrap Strips** *(07 84 13 16)*		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	6.52	
07 84 13 19		**Penetration Firestopping Caulk** *(07 84 13)*		
07 84 13 19-0001		**Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+)** *(07 84 13 19)* Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.26	
		For Intumescent Sealant For Plastic Pipe, Add	*0.07*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.65	
		For Intumescent Sealant For Plastic Pipe, Add	*0.38*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.41	
		For Intumescent Sealant For Plastic Pipe, Add	*0.28*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.01	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.19	
		For Intumescent Sealant For Plastic Pipe, Add	*0.81*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.94	
		For Intumescent Sealant For Plastic Pipe, Add	*0.71*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.55	
		For Intumescent Sealant For Plastic Pipe, Add	*0.56*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.93	
		For Intumescent Sealant For Plastic Pipe, Add	*0.31*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.40	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.33	
		For Intumescent Sealant For Plastic Pipe, Add	*1.36*	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.10	
		For Intumescent Sealant For Plastic Pipe, Add	*1.27*	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.69	
		For Intumescent Sealant For Plastic Pipe, Add	*1.10*	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.07	
		For Intumescent Sealant For Plastic Pipe, Add	*0.86*	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.55	
		For Intumescent Sealant For Plastic Pipe, Add	*0.65*	
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.31	
		For Intumescent Sealant For Plastic Pipe, Add	*0.15*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	55.33	
		For Intumescent Sealant For Plastic Pipe, Add	*3.67*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	51.02	
		For Intumescent Sealant For Plastic Pipe, Add	*1.94*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.62	
		For Intumescent Sealant For Plastic Pipe, Add	*1.78*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.99	
		For Intumescent Sealant For Plastic Pipe, Add	*1.53*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.47	
		For Intumescent Sealant For Plastic Pipe, Add	*1.32*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.23	
		For Intumescent Sealant For Plastic Pipe, Add	*0.83*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	46.61	
		For Intumescent Sealant For Plastic Pipe, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.62	
		For Intumescent Sealant For Plastic Pipe, Add	*6.77*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.18	
		For Intumescent Sealant For Plastic Pipe, Add	*6.59*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.47	
		For Intumescent Sealant For Plastic Pipe, Add	*6.31*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.35	
		For Intumescent Sealant For Plastic Pipe, Add	*5.86*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	71.41	
		For Intumescent Sealant For Plastic Pipe, Add	*5.48*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	64.06	
		For Intumescent Sealant For Plastic Pipe, Add	*2.54*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	62.46	
		For Intumescent Sealant For Plastic Pipe, Add	*1.90*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	60.00	
		For Intumescent Sealant For Plastic Pipe, Add	*0.92*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	119.83	
		For Intumescent Sealant For Plastic Pipe, Add	*15.62*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	119.39	
		For Intumescent Sealant For Plastic Pipe, Add	*15.44*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.68	
		For Intumescent Sealant For Plastic Pipe, Add	*15.16*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.57	
		For Intumescent Sealant For Plastic Pipe, Add	*14.71*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	116.62	
		For Intumescent Sealant For Plastic Pipe, Add	*14.33*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	114.38	
		For Intumescent Sealant For Plastic Pipe, Add	*13.44*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	111.47	
		For Intumescent Sealant For Plastic Pipe, Add	*12.27*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	107.07	
		For Intumescent Sealant For Plastic Pipe, Add	*10.51*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	90.47	
		For Intumescent Sealant For Plastic Pipe, Add	*3.87*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	159.74	
		For Intumescent Sealant For Plastic Pipe, Add	*24.66*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	155.33	
		For Intumescent Sealant For Plastic Pipe, Add	*22.90*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	146.49	
		For Intumescent Sealant For Plastic Pipe, Add	*19.36*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	110.41	
		For Intumescent Sealant For Plastic Pipe, Add	*4.93*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	203.63	
		For Intumescent Sealant For Plastic Pipe, Add	*35.29*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	177.39	
		For Intumescent Sealant For Plastic Pipe, Add	*24.80*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	131.09	
		For Intumescent Sealant For Plastic Pipe, Add	*6.28*	

07 84 13 19-0048 Intumescent Firestopping For Sealing Pipe Penetrations (STI SpecSeal SSS Series) *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.60
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.31
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.00
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	32.98
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	32.70
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	32.38
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	31.44
07 84 13 19-0056	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	40.20
07 84 13 19-0057	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	39.93
07 84 13 19-0058	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	39.60
07 84 13 19-0059	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	39.13
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	38.67
07 84 13 19-0061	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	37.48
07 84 13 19-0062	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	50.95
07 84 13 19-0063	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	50.68
07 84 13 19-0064	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	50.36
07 84 13 19-0065	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	49.88
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	49.42
07 84 13 19-0067	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	48.23
07 84 13 19-0068	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	46.48
07 84 13 19-0069	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	66.67
07 84 13 19-0070	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	66.38
07 84 13 19-0071	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	66.06
07 84 13 19-0072	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	65.47
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	64.89
07 84 13 19-0074	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	63.69
07 84 13 19-0075	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	62.20
07 84 13 19-0076	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	59.81
07 84 13 19-0077	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	101.42
07 84 13 19-0078	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	101.14
07 84 13 19-0079	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	100.82
07 84 13 19-0080	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	100.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	99.89	
07 84 13 19-0082	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	98.69	
07 84 13 19-0083	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	96.95	
07 84 13 19-0084	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	94.81	
07 84 13 19-0085	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	89.82	
07 84 13 19-0086	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	130.68	
07 84 13 19-0087	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	128.54	
07 84 13 19-0088	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	123.54	
07 84 13 19-0089	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	110.00	
07 84 13 19-0090	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	162.05	
07 84 13 19-0091	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	148.50	
07 84 13 19-0092	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	130.11	

07 84 13 19-0093 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0094	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	28.02	
07 84 13 19-0095	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.93	
07 84 13 19-0096	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.81	
07 84 13 19-0097	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.84	
07 84 13 19-0098	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.74	
07 84 13 19-0099	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.62	
07 84 13 19-0100	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.43	
07 84 13 19-0101	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.25	
07 84 13 19-0102	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.10	
07 84 13 19-0103	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.02	
07 84 13 19-0104	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.88	
07 84 13 19-0105	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.69	
07 84 13 19-0106	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.52	
07 84 13 19-0107	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.09	
07 84 13 19-0108	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.89	
07 84 13 19-0109	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.81	
07 84 13 19-0110	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.68	
07 84 13 19-0111	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.49	
07 84 13 19-0112	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.32	
07 84 13 19-0113	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.89	
07 84 13 19-0114	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.29	
07 84 13 19-0115	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.93	
07 84 13 19-0116	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.84	
07 84 13 19-0117	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.71	
07 84 13 19-0118	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.50	
07 84 13 19-0119	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.30	
07 84 13 19-0120	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.87	
07 84 13 19-0121	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.33	
07 84 13 19-0122	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	58.48	
07 84 13 19-0123	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.23	
07 84 13 19-0124	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.14	
07 84 13 19-0125	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	88.01	
07 84 13 19-0126	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.82	
07 84 13 19-0127	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0128	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.22	
07 84 13 19-0129	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.63	
07 84 13 19-0130	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	85.83	
07 84 13 19-0131	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	84.08	
07 84 13 19-0132	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	109.85	
07 84 13 19-0133	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	109.04	
07 84 13 19-0134	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	107.29	
07 84 13 19-0135	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	102.35	
07 84 13 19-0136	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	132.23	
07 84 13 19-0137	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	127.28	
07 84 13 19-0138	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	120.74	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	36.35	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	51.92	
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	54.23	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	56.53	
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	58.84	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	74.42	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	14.74	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	15.30	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	14.27	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	15.34	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	14.92	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	14.34	

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	37.46	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	40.19	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	43.54	

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	341.00	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	480.52	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	650.22	

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier *(07 84 16)*

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	51.45	

07 84 16 00-0026 Firestopping Caulk For Filling Opening *(07 84 16)*

07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	142.72	

07 84 16 00-0028 Firestopping Mortar For Filling Opening *(07 84 16)*

07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	175.75	

07 84 23 Silicone Firestopping Foams *(07 84)*

07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings *(07 84 23)*

Note: Includes 7" depth of silicone foam barrier and 1" depth backer board

07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	43.81	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	95.59	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	170.73	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	254.63	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	361.78	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	489.31	
07 84 23 00-0008	EA	16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	990.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 23 00-0009	EA	20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,477.94	
07 84 23 00-0010	EA	24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	2,070.87	

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)*

07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	405.53	103.87
		For Up To 6 CLF, Add	*22.62*	
		For >30 CLF, Deduct	*-24.97*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	452.52	103.87
		For Up To 4 CLF, Add	*26.15*	
		For >20 CLF, Deduct	*-29.67*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	511.03	107.33
		For Up To 3 CLF, Add	*30.25*	
		For >15 CLF, Deduct	*-34.95*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	534.52	107.33
		For Up To 2.5 CLF, Add	*32.01*	
		For >13 CLF, Deduct	*-37.30*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	604.98	107.33
		For Up To 2 CLF, Add	*37.30*	
		For >10 CLF, Deduct	*-44.34*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	675.44	107.33
		For Up To 1.5 CLF, Add	*42.58*	
		For >8 CLF, Deduct	*-51.39*	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	757.44	111.94
		For Up To 1.3 CLF, Add	*48.44*	
		For >7 CLF, Deduct	*-59.01*	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	710.46	111.94
		For Up To 1.4 CLF, Add	*44.92*	
		For >7.5 CLF, Deduct	*-54.31*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	815.95	115.40
		For Up To 1.15 CLF, Add	*52.54*	
		For >6 CLF, Deduct	*-64.28*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	909.89	115.40
		For Up To 1 CLF, Add	*59.59*	
		For >5 CLF, Deduct	*-73.68*	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,015.38	118.87
		For Up To 0.8 CLF, Add	*67.21*	
		For >4.5 CLF, Deduct	*-83.65*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,120.88	123.49
		For Up To 0.75 CLF, Add	*74.83*	
		For >4 CLF, Deduct	*-93.62*	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,226.36	126.95
		For Up To 0.65 CLF, Add	*82.46*	
		For >3.5 CLF, Deduct	*-103.59*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,542.82	138.49
		For Up To 0.5 CLF, Add	*105.32*	
		For >2.5 CLF, Deduct	*-133.51*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*169.10*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,964.75	153.49
		For Up To 0.4 CLF, Add	*135.82*	
		For >2 CLF, Deduct	*-173.39*	

07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*

07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	418.61	103.87
		For Up To 6 CLF, Add	*23.61*	
		For >30 CLF, Deduct	*-26.28*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	472.11	103.87
		For Up To 4 CLF, Add	*27.62*	
		For >20 CLF, Deduct	*-31.63*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	537.16	107.33
		For Up To 3 CLF, Add	*32.21*	
		For >15 CLF, Deduct	*-37.56*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	563.91	107.33
		For Up To 2.5 CLF, Add	*34.21*	
		For >13 CLF, Deduct	*-40.23*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	644.16	107.33
		For Up To 2 CLF, Add	*40.23*	
		For >10 CLF, Deduct	*-48.26*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	724.42	107.33
		For Up To 1.5 CLF, Add	*46.25*	
		For >8 CLF, Deduct	*-56.29*	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	816.21	111.94
		For Up To 1.3 CLF, Add	*52.85*	
		For >7 CLF, Deduct	*-64.89*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	762.71	111.94
		For Up To 1.4 CLF, Add	*48.84*	
		For >7.5 CLF, Deduct	*-59.54*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	881.26	115.40
		For Up To 1.15 CLF, Add	*57.44*	
		For >6 CLF, Deduct	*-70.82*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	988.26	115.40
		For Up To 1 CLF, Add	*65.46*	
		For >5 CLF, Deduct	*-81.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,106.81	118.87
		For Up To 0.8 CLF, Add	*74.07*	
		For >4.5 CLF, Deduct	*-92.79*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,225.37	123.49
		For Up To 0.75 CLF, Add	*82.67*	
		For >4 CLF, Deduct	*-104.07*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,343.92	126.95
		For Up To 0.65 CLF, Add	*91.27*	
		For >3.5 CLF, Deduct	*-115.35*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,699.56	138.49
		For Up To 0.5 CLF, Add	*117.08*	
		For >2.5 CLF, Deduct	*-149.18*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,173.74	153.49
		For Up To 0.4 CLF, Add	*151.49*	
		For >2 CLF, Deduct	*-194.29*	

07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*

07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	366.95	103.87
		For Up To 6 CLF, Add	*19.73*	
		For >30 CLF, Deduct	*-21.12*	
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	394.62	103.87
		For Up To 4 CLF, Add	*21.81*	
		For >20 CLF, Deduct	*-23.88*	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	433.84	107.33
		For Up To 3 CLF, Add	*24.46*	
		For >15 CLF, Deduct	*-27.23*	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	447.67	107.33
		For Up To 2.5 CLF, Add	*25.50*	
		For >13 CLF, Deduct	*-28.61*	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	489.19	107.33
		For Up To 2 CLF, Add	*28.61*	
		For >10 CLF, Deduct	*-32.76*	
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	530.70	107.33
		For Up To 1.5 CLF, Add	*31.72*	
		For >8 CLF, Deduct	*-36.91*	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	583.75	111.94
		For Up To 1.3 CLF, Add	*35.41*	
		For >7 CLF, Deduct	*-41.64*	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	556.07	111.94
		For Up To 1.4 CLF, Add	*33.34*	
		For >7.5 CLF, Deduct	*-38.87*	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	622.96	115.40
		For Up To 1.15 CLF, Add	*38.07*	
		For >6 CLF, Deduct	*-44.99*	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	678.31	115.40
		For Up To 1 CLF, Add	*42.22*	
		For >5 CLF, Deduct	*-50.52*	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	745.20	118.87
		For Up To 0.8 CLF, Add	*46.95*	
		For >4.5 CLF, Deduct	*-56.63*	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	812.10	123.49
		For Up To 0.75 CLF, Add	*51.67*	
		For >4 CLF, Deduct	*-62.74*	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	878.99	126.95
		For Up To 0.65 CLF, Add	*56.40*	
		For >3.5 CLF, Deduct	*-68.86*	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,079.65	138.49
		For Up To 0.5 CLF, Add	*70.59*	
		For >2.5 CLF, Deduct	*-87.19*	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,347.20	153.49
		For Up To 0.4 CLF, Add	*89.50*	
		For >2 CLF, Deduct	*-111.64*	

07 84 43 00-0049 Elastomeric Spray Firestopping For Joints And Penetrations *(07 84 43)*

07 84 43 00-0050	LF	1" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	0.91
07 84 43 00-0051	LF	2" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	1.79
07 84 43 00-0052	LF	3" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	2.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0053	LF	4" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.50	
07 84 43 00-0054	LF	5" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	4.34	
07 84 43 00-0055	LF	6" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	5.29	
07 84 43 00-0056	LF	1" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	1.81	
07 84 43 00-0057	LF	2" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.59	
07 84 43 00-0058	LF	3" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	5.16	
07 84 43 00-0059	LF	4" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	6.99	
07 84 43 00-0060	LF	5" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	8.65	
07 84 43 00-0061	LF	6" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	10.58	
07 84 43 00-0062	LF	1" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.61	
07 84 43 00-0063	LF	2" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	7.16	
07 84 43 00-0064	LF	3" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	10.34	
07 84 43 00-0065	LF	4" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	13.99	
07 84 43 00-0066	LF	5" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	17.33	
07 84 43 00-0067	LF	6" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	21.17	
07 84 43 00-0068	LF	1" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	7.25	
07 84 43 00-0069	LF	2" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	14.35	
07 84 43 00-0070	LF	3" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	20.67	
07 84 43 00-0071	LF	4" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	27.97	
07 84 43 00-0072	LF	5" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	34.66	
07 84 43 00-0073	LF	6" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	42.32	

07 84 43 00-0074 Intumescent Firestopping Sealant For Joints *(07 84 43)*

07 84 43 00-0075	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	400.16	103.87
		For Up To 6 CLF, Add	*22.22*	
		For >30 CLF, Deduct	*-24.44*	
07 84 43 00-0076	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	444.45	103.87
		For Up To 4 CLF, Add	*25.54*	
		For >20 CLF, Deduct	*-28.87*	
07 84 43 00-0077	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	500.27	107.33
		For Up To 3 CLF, Add	*29.44*	
		For >15 CLF, Deduct	*-33.87*	
07 84 43 00-0078	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	522.41	107.33
		For Up To 2.5 CLF, Add	*31.10*	
		For >13 CLF, Deduct	*-36.08*	
07 84 43 00-0079	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	588.83	107.33
		For Up To 2 CLF, Add	*36.08*	
		For >10 CLF, Deduct	*-42.73*	
07 84 43 00-0080	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	655.26	107.33
		For Up To 1.5 CLF, Add	*41.07*	
		For >8 CLF, Deduct	*-49.37*	
07 84 43 00-0081	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	733.22	111.94
		For Up To 1.3 CLF, Add	*46.62*	
		For >7 CLF, Deduct	*-56.59*	
07 84 43 00-0082	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	688.94	111.94
		For Up To 1.4 CLF, Add	*43.30*	
		For >7.5 CLF, Deduct	*-52.16*	
07 84 43 00-0083	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	789.04	115.40
		For Up To 1.15 CLF, Add	*50.52*	
		For >6 CLF, Deduct	*-61.59*	
07 84 43 00-0084	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	877.61	115.40
		For Up To 1 CLF, Add	*57.17*	
		For >5 CLF, Deduct	*-70.45*	
07 84 43 00-0085	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	977.71	118.87
		For Up To 0.8 CLF, Add	*64.38*	
		For >4.5 CLF, Deduct	*-79.88*	
07 84 43 00-0086	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,077.83	123.49
		For Up To 0.75 CLF, Add	*71.60*	
		For >4 CLF, Deduct	*-89.32*	
07 84 43 00-0087	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,177.93	126.95
		For Up To 0.65 CLF, Add	*78.82*	
		For >3.5 CLF, Deduct	*-98.75*	
07 84 43 00-0088	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,478.24	138.49
		For Up To 0.5 CLF, Add	*100.48*	
		For >2.5 CLF, Deduct	*-127.05*	
07 84 43 00-0089	CLF	1" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,878.65	153.49
		For Up To 0.4 CLF, Add	*129.36*	
		For >2 CLF, Deduct	*-164.78*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	10.80	
		For Work In Restricted Working Space, Add	*1.46*	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	17.20	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.46*	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	18.73	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.46*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	20.18	11.99
		For Work In Restricted Working Space, Add	*4.82*	
		For >500 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-3.13*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	23.60	11.99
		For Work In Restricted Working Space, Add	*4.82*	
		For >500 To 5,000, Deduct	*-2.54*	
		For >5,000, Deduct	*-4.40*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	27.34	11.99
		For Work In Restricted Working Space, Add	*4.82*	
		For >500 To 5,000, Deduct	*-3.40*	
		For >5,000, Deduct	*-5.78*	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	31.09	11.99
		For Work In Restricted Working Space, Add	*4.82*	
		For >500 To 5,000, Deduct	*-4.26*	
		For >5,000, Deduct	*-7.17*	

07 84 56 13-0010 Fire Safing (SAFE), Mineral Wool Insulation *(07 84 56 13)*

07 84 56 13-0011	SF	4" Thick, Fire Safing (SAFE), Mineral Wool Insulation (Rockwool Roxul)	3.90	0.46
		For Work In Restricted Working Space, Add	*0.38*	

07 86 Smoke Seals *(07 80)*

07 86 00 00-0001 Food-Grade Silicone Sealant For Joints (DOW 786) *(07 86)*
Note: Mildew Resistant; Mold Resistant

07 86 00 00-0002	CLF	1/4" x 1/4" Joint, Food-Grade Sealant (DOWSIL 786)	393.18	103.87
		For Up To 6 CLF, Add	*21.70*	
		For >30 CLF, Deduct	*-23.74*	
07 86 00 00-0003	CLF	1/4" x 3/8" Joint, Food-Grade Sealant (DOWSIL 786)	434.00	103.87
		For Up To 4 CLF, Add	*24.76*	
		For >20 CLF, Deduct	*-27.82*	
07 86 00 00-0004	CLF	1/4" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	486.34	107.33
		For Up To 3 CLF, Add	*28.40*	
		For >15 CLF, Deduct	*-32.48*	
07 86 00 00-0005	CLF	3/8" x 3/8" Joint, Food-Grade Sealant (DOWSIL 786)	506.74	107.33
		For Up To 2.5 CLF, Add	*29.93*	
		For >13 CLF, Deduct	*-34.52*	
07 86 00 00-0006	CLF	3/8" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	567.94	107.33
		For Up To 2 CLF, Add	*34.52*	
		For >10 CLF, Deduct	*-40.64*	
07 86 00 00-0007	CLF	3/8" x 5/8" Joint, Food-Grade Sealant (DOWSIL 786)	629.14	107.33
		For Up To 1.5 CLF, Add	*39.11*	
		For >8 CLF, Deduct	*-46.76*	
07 86 00 00-0008	CLF	3/8" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	701.88	111.94
		For Up To 1.3 CLF, Add	*44.27*	
		For >7 CLF, Deduct	*-53.45*	
07 86 00 00-0009	CLF	1/2" x 1/2" Joint, Food-Grade Sealant (DOWSIL 786)	661.08	111.94
		For Up To 1.4 CLF, Add	*41.21*	
		For >7.5 CLF, Deduct	*-49.37*	
07 86 00 00-0010	CLF	1/2" x 5/8" Joint, Food-Grade Sealant (DOWSIL 786)	754.22	115.40
		For Up To 1.15 CLF, Add	*47.91*	
		For >6 CLF, Deduct	*-58.11*	
07 86 00 00-0011	CLF	1/2" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	835.82	115.40
		For Up To 1 CLF, Add	*54.03*	
		For >5 CLF, Deduct	*-66.27*	
07 86 00 00-0012	CLF	1/2" x 7/8" Joint, Food-Grade Sealant (DOWSIL 786)	928.96	118.87
		For Up To 0.8 CLF, Add	*60.73*	
		For >4.5 CLF, Deduct	*-75.01*	
07 86 00 00-0013	CLF	1/2" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	1,022.11	123.49
		For Up To 0.75 CLF, Add	*67.43*	
		For >4 CLF, Deduct	*-83.75*	
07 86 00 00-0014	CLF	3/4" x 3/4" Joint, Food-Grade Sealant (DOWSIL 786)	1,115.25	126.95
		For Up To 0.65 CLF, Add	*74.12*	
		For >3.5 CLF, Deduct	*-92.48*	
07 86 00 00-0015	CLF	3/4" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	1,394.67	138.49
		For Up To 0.5 CLF, Add	*94.21*	
		For >2.5 CLF, Deduct	*-118.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 86 00 00-0016		CLF	1" x 1" Joint, Food-Grade Sealant (DOWSIL 786)	1,767.22	153.49
			For Up To 0.4 CLF, Add	*121.00*	
			For >2 CLF, Deduct	*-153.64*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002	LF		1/4" Polyethylene Or Polyurethane Backer Rod	2.50	0.68
07 91 23 00-0003	LF		3/8" Polyethylene Or Polyurethane Backer Rod	2.70	0.68
07 91 23 00-0004	LF		1/2" Polyethylene Or Polyurethane Backer Rod	3.01	0.68
07 91 23 00-0005	LF		5/8" Polyethylene Or Polyurethane Backer Rod	3.52	0.68
07 91 23 00-0006	LF		3/4" Polyethylene Or Polyurethane Backer Rod	3.68	0.81
07 91 23 00-0007	LF		7/8" Polyethylene Or Polyurethane Backer Rod	4.12	0.81
07 91 23 00-0008	LF		1" Polyethylene Or Polyurethane Backer Rod	5.26	0.81
07 91 23 00-0009	LF		1-1/4" Polyethylene Or Polyurethane Backer Rod	6.36	0.95
07 91 23 00-0010	LF		1-1/2" Polyethylene Or Polyurethane Backer Rod	7.57	1.09
07 91 23 00-0011	LF		2" Polyethylene Or Polyurethane Backer Rod	10.46	1.23
07 91 23 00-0012	LF		3" Polyethylene Or Polyurethane Backer Rod	21.80	1.50

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF		1/4" x 1/4" Butyl Rubber Filler	3.16	0.81
			For Custom Match Coloring, Add	*0.06*	
07 91 26 00-0003	LF		1/2" x 1/2" Butyl Rubber Filler	9.56	2.31
			For Custom Match Coloring, Add	*0.24*	
07 91 26 00-0004	LF		1/2" x 3/4" Butyl Rubber Filler	11.63	2.45
			For Custom Match Coloring, Add	*0.37*	
07 91 26 00-0005	LF		3/4" x 3/4" Butyl Rubber Filler	12.74	2.58
07 91 26 00-0006	LF		1" x 1" Butyl Rubber Filler	17.25	4.76

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF		1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	539.19	157.13
07 91 26 00-0009	CLF		1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	849.39	226.99
07 91 26 00-0010	CLF		1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	686.75	194.58
07 91 26 00-0011	CLF		1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	778.92	204.24
07 91 26 00-0012	CLF		1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	1,189.63	314.26
07 91 26 00-0013	CLF		1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,349.83	340.41
07 91 26 00-0014	CLF		1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,183.37	247.54

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF		1/8" x 3" Polyethylene Joint Backing, Closed Cell	559.99	194.58
07 91 26 00-0017	CLF		1/8" x 6" Polyethylene Joint Backing, Closed Cell	974.17	314.26
07 91 26 00-0018	CLF		1/4" x 3" Polyethylene Joint Backing, Closed Cell	739.89	268.24
07 91 26 00-0019	CLF		1/4" x 6" Polyethylene Joint Backing, Closed Cell	910.63	283.21
07 91 26 00-0020	CLF		1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,384.88	434.36
07 91 26 00-0021	CLF		1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,638.66	471.39
07 91 26 00-0022	CLF		1/2" x 12" Polyethylene Joint Backing, Closed Cell	2,198.23	565.07

07 91 26 00-0023 Silicon RTV Foam Penetration Seal *(07 91 26)*

07 91 26 00-0024	CLF		1/4" x 1/2" Silicon RTV Foam Seal	168.38	31.18
07 91 26 00-0025	CLF		1/2" x 1/2" Silicon RTV Foam Seal	336.78	62.23
07 91 26 00-0026	CLF		1/2" x 3/4" Silicon RTV Foam Seal	501.64	92.45
07 91 26 00-0027	CLF		3/4" x 3/4" Silicon RTV Foam Seal	705.90	124.59
07 91 26 00-0028	CLF		1/8" x 1" Silicon RTV Foam Seal	168.38	31.18
07 91 26 00-0029	CLF		1/8" x 3" Silicon RTV Foam Seal	501.09	92.18
07 91 26 00-0030	CLF		1/4" x 3" Silicon RTV Foam Seal	848.94	138.48
07 91 26 00-0031	CLF		1/4" x 6" Silicon RTV Foam Seal	1,695.41	276.00
07 91 26 00-0032	CLF		1/2" x 6" Silicon RTV Foam Seal	3,203.26	498.22
07 91 26 00-0033	CLF		1/2" x 9" Silicon RTV Foam Seal	4,905.04	778.31
07 91 26 00-0034	CLF		1/2" x 12" Silicon RTV Foam Seal	7,252.85	1,245.34

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" *(07 91 26)*

07 91 26 00-0036	LF		1/4" Seals O-Ring Cord, J-Seal	5.82	1.77
07 91 26 00-0037	LF		1/2" Seals O-Ring Cord, J-Seal	6.16	1.77
07 91 26 00-0038	LF		3/4" Seals O-Ring Cord, J-Seal	6.47	1.92
07 91 26 00-0039	LF		1" Seals O-Ring Cord, J-Seal	6.82	2.05
07 91 26 00-0040	LF		1-1/4" Seals O-Ring Cord, J-Seal	7.29	2.19
07 91 26 00-0041	LF		1-1/2" Seals O-Ring Cord, J-Seal	7.61	2.19
07 91 26 00-0042	LF		1-3/4" Seals O-Ring Cord, J-Seal	8.03	2.32
07 91 26 00-0043	LF		2" Seals O-Ring Cord, J-Seal	8.28	2.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33		**Expansion Joint Seal Systems** *(07 91)*		
07 91 33 00-0001		Expansion Joint Seal Systems (Wabo®) *(07 91 33)*		
07 91 33 00-0002		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.		
07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	95.57	7.33
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	128.99	7.68
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	164.25	8.02
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	203.50	8.38
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	265.18	8.73
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	305.10	9.07
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	354.66	9.42
07 91 33 00-0010		Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*		
		Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	46.92	7.33
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	51.51	7.43
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	63.08	7.53
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	67.12	7.68
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	71.95	7.78
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	89.11	7.89
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	110.85	8.02
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	131.73	8.38
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	149.57	8.73
07 91 33 00-0020		Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*		
		Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	38.63	7.33
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	51.21	7.68
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	63.58	8.02
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	67.29	8.20
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	75.04	8.38
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	109.47	8.73
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	152.08	9.07
07 91 33 00-0028		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	35.84	2.91
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	60.72	3.03
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	91.87	3.14
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	116.08	3.25
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	153.06	3.37
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	202.81	3.49
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	248.97	3.61
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	336.14	3.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	392.61	3.84
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	34.95	2.91
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	46.38	3.03
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	62.52	3.14
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	85.15	3.25
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	97.27	3.37
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	135.37	3.49
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	182.20	3.61
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	196.77	3.72
07 91 33 00-0047		Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexl) *(07 91 33 00-0001)*		
07 91 33 00-0048	LF	2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600)	262.38	9.42
07 91 33 00-0049		Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) *(07 91 33 00-0001)*		
		Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF	0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100)	28.87	
07 91 33 00-0051	LF	0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150)	31.62	
07 91 33 00-0052	LF	0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200)	41.63	
07 91 33 00-0053	LF	1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250)	51.74	
07 91 33 00-0054	LF	1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300)	120.93	
07 91 33 00-0055	LF	1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400)	158.70	

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001		Silicone Sealant And Caulking *(07 92 13)*		
07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	366.88	103.87
		For Custom Match Coloring, Add	*13.27*	
		For Up To 6 CLF, Add	*19.73*	
		For >30 CLF, Deduct	*-21.11*	
		For 1 Part Mildew Resistant, Add	*19.35*	
		For High-Modulus Non-Acid Curing, Add	*11.06*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	394.53	103.87
		For Custom Match Coloring, Add	*19.90*	
		For Up To 4 CLF, Add	*21.80*	
		For >20 CLF, Deduct	*-23.87*	
		For 1 Part Mildew Resistant, Add	*29.03*	
		For High-Modulus Non-Acid Curing, Add	*16.59*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	433.71	107.33
		For Custom Match Coloring, Add	*26.54*	
		For Up To 3 CLF, Add	*24.45*	
		For >15 CLF, Deduct	*-27.21*	
		For 1 Part Mildew Resistant, Add	*38.70*	
		For High-Modulus Non-Acid Curing, Add	*22.11*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	447.53	107.33
		For Custom Match Coloring, Add	*29.85*	
		For Up To 2.5 CLF, Add	*25.49*	
		For >13 CLF, Deduct	*-28.60*	
		For 1 Part Mildew Resistant, Add	*43.54*	
		For High-Modulus Non-Acid Curing, Add	*24.88*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	488.99	107.33
		For Custom Match Coloring, Add	*39.80*	
		For Up To 2 CLF, Add	*28.60*	
		For >10 CLF, Deduct	*-32.74*	
		For 1 Part Mildew Resistant, Add	*58.05*	
		For High-Modulus Non-Acid Curing, Add	*33.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	530.46	107.33
		For Custom Match Coloring, Add	*49.76*	
		For Up To 1.5 CLF, Add	*31.71*	
		For >8 CLF, Deduct	*-36.89*	
		For 1 Part Mildew Resistant, Add	*72.56*	
		For High-Modulus Non-Acid Curing, Add	*41.46*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	583.46	111.94
		For Custom Match Coloring, Add	*59.71*	
		For Up To 1.3 CLF, Add	*35.39*	
		For >7 CLF, Deduct	*-41.61*	
		For 1 Part Mildew Resistant, Add	*87.07*	
		For High-Modulus Non-Acid Curing, Add	*49.76*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	555.82	111.94
		For Custom Match Coloring, Add	*53.07*	
		For Up To 1.4 CLF, Add	*33.32*	
		For >7.5 CLF, Deduct	*-38.85*	
		For 1 Part Mildew Resistant, Add	*77.40*	
		For High-Modulus Non-Acid Curing, Add	*44.23*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	622.64	115.40
		For Custom Match Coloring, Add	*66.34*	
		For Up To 1.15 CLF, Add	*38.04*	
		For >6 CLF, Deduct	*-44.95*	
		For 1 Part Mildew Resistant, Add	*96.75*	
		For High-Modulus Non-Acid Curing, Add	*55.28*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	677.93	115.40
		For Custom Match Coloring, Add	*79.61*	
		For Up To 1 CLF, Add	*42.19*	
		For >5 CLF, Deduct	*-50.48*	
		For 1 Part Mildew Resistant, Add	*116.10*	
		For High-Modulus Non-Acid Curing, Add	*66.34*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	744.75	118.87
		For Custom Match Coloring, Add	*92.88*	
		For Up To 0.8 CLF, Add	*46.91*	
		For >4.5 CLF, Deduct	*-56.59*	
		For 1 Part Mildew Resistant, Add	*135.45*	
		For High-Modulus Non-Acid Curing, Add	*77.40*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	811.58	123.49
		For Custom Match Coloring, Add	*106.14*	
		For Up To 0.75 CLF, Add	*51.64*	
		For >4 CLF, Deduct	*-62.69*	
		For 1 Part Mildew Resistant, Add	*154.79*	
		For High-Modulus Non-Acid Curing, Add	*88.45*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	878.41	126.95
		For Custom Match Coloring, Add	*119.41*	
		For Up To 0.65 CLF, Add	*56.36*	
		For >3.5 CLF, Deduct	*-68.80*	
		For 1 Part Mildew Resistant, Add	*174.15*	
		For High-Modulus Non-Acid Curing, Add	*99.51*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	1,078.88	138.49
		For Custom Match Coloring, Add	*159.22*	
		For Up To 0.5 CLF, Add	*70.53*	
		For >2.5 CLF, Deduct	*-87.11*	
		For 1 Part Mildew Resistant, Add	*232.19*	
		For High-Modulus Non-Acid Curing, Add	*132.68*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,346.17	153.49
		For Custom Match Coloring, Add	*212.29*	
		For Up To 0.4 CLF, Add	*89.42*	
		For >2 CLF, Deduct	*-111.54*	
		For 1 Part Mildew Resistant, Add	*309.59*	
		For High-Modulus Non-Acid Curing, Add	*176.91*	

07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	331.00	103.87
		For Up To 6 CLF, Add	*17.04*	
		For >30 CLF, Deduct	*-17.52*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	340.69	103.87
		For Up To 4 CLF, Add	*17.76*	
		For >20 CLF, Deduct	*-18.49*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	361.93	107.33
		For Up To 3 CLF, Add	*19.07*	
		For >15 CLF, Deduct	*-20.04*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	366.78	107.33
		For Up To 2.5 CLF, Add	*19.43*	
		For >13 CLF, Deduct	*-20.52*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	381.33	107.33
		For Up To 2 CLF, Add	*20.52*	
		For >10 CLF, Deduct	*-21.98*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	395.87	107.33
		For Up To 1.5 CLF, Add	*21.61*	
		For >8 CLF, Deduct	*-23.43*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	421.96	111.94
		For Up To 1.3 CLF, Add	*23.28*	
		For >7 CLF, Deduct	*-25.46*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	412.26	111.94
		For Up To 1.4 CLF, Add	*22.55*	
		For >7.5 CLF, Deduct	*-24.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	443.20	115.40
		For Up To 1.15 CLF, Add	*24.58*	
		For >6 CLF, Deduct	*-27.01*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	462.59	115.40
		For Up To 1 CLF, Add	*26.04*	
		For >5 CLF, Deduct	*-28.95*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	493.53	118.87
		For Up To 0.8 CLF, Add	*28.07*	
		For >4.5 CLF, Deduct	*-31.47*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	524.47	123.49
		For Up To 0.75 CLF, Add	*30.10*	
		For >4 CLF, Deduct	*-33.98*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	555.41	126.95
		For Up To 0.65 CLF, Add	*32.13*	
		For >3.5 CLF, Deduct	*-36.50*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	648.22	138.49
		For Up To 0.5 CLF, Add	*38.23*	
		For >2.5 CLF, Deduct	*-44.05*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	771.95	153.49
		For Up To 0.4 CLF, Add	*46.36*	
		For >2 CLF, Deduct	*-54.11*	

07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	354.00	103.87
		For Up To 6 CLF, Add	*18.76*	
		For >30 CLF, Deduct	*-19.82*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	375.20	103.87
		For Up To 4 CLF, Add	*20.35*	
		For >20 CLF, Deduct	*-21.94*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	407.94	107.33
		For Up To 3 CLF, Add	*22.52*	
		For >15 CLF, Deduct	*-24.64*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	418.54	107.33
		For Up To 2.5 CLF, Add	*23.31*	
		For >13 CLF, Deduct	*-25.70*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	450.34	107.33
		For Up To 2 CLF, Add	*25.70*	
		For >10 CLF, Deduct	*-28.88*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	482.14	107.33
		For Up To 1.5 CLF, Add	*28.08*	
		For >8 CLF, Deduct	*-32.06*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	525.48	111.94
		For Up To 1.3 CLF, Add	*31.04*	
		For >7 CLF, Deduct	*-35.81*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	504.28	111.94
		For Up To 1.4 CLF, Add	*29.45*	
		For >7.5 CLF, Deduct	*-33.69*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	558.23	115.40
		For Up To 1.15 CLF, Add	*33.21*	
		For >6 CLF, Deduct	*-38.51*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	600.63	115.40
		For Up To 1 CLF, Add	*36.39*	
		For >5 CLF, Deduct	*-42.75*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	654.57	118.87
		For Up To 0.8 CLF, Add	*40.15*	
		For >4.5 CLF, Deduct	*-47.57*	
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	708.52	123.49
		For Up To 0.75 CLF, Add	*43.91*	
		For >4 CLF, Deduct	*-52.39*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	762.46	126.95
		For Up To 0.65 CLF, Add	*47.66*	
		For >3.5 CLF, Deduct	*-57.20*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	924.28	138.49
		For Up To 0.5 CLF, Add	*58.93*	
		For >2.5 CLF, Deduct	*-71.65*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	358.02	103.87
		For Up To 6 CLF, Add	*19.06*	
		For >30 CLF, Deduct	*-20.22*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	381.26	103.87
		For Up To 4 CLF, Add	*20.80*	
		For >20 CLF, Deduct	*-22.55*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	416.01	107.33
		For Up To 3 CLF, Add	*23.12*	
		For >15 CLF, Deduct	*-25.44*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	427.62	107.33
		For Up To 2.5 CLF, Add	*23.99*	
		For >13 CLF, Deduct	*-26.61*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	462.46	107.33
		For Up To 2 CLF, Add	*26.61*	
		For >10 CLF, Deduct	*-30.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	497.27	107.33
		For Up To 1.5 CLF, Add	*29.22*	
		For >8 CLF, Deduct	*-33.57*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	543.63	111.94
		For Up To 1.3 CLF, Add	*32.41*	
		For >7 CLF, Deduct	*-37.63*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	520.42	111.94
		For Up To 1.4 CLF, Add	*30.66*	
		For >7.5 CLF, Deduct	*-35.31*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	578.41	115.40
		For Up To 1.15 CLF, Add	*34.73*	
		For >6 CLF, Deduct	*-40.53*	
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	624.83	115.40
		For Up To 1 CLF, Add	*38.21*	
		For >5 CLF, Deduct	*-45.17*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	682.82	118.87
		For Up To 0.8 CLF, Add	*42.27*	
		For >4.5 CLF, Deduct	*-50.39*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	740.79	123.49
		For Up To 0.75 CLF, Add	*46.33*	
		For >4 CLF, Deduct	*-55.61*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	798.78	126.95
		For Up To 0.65 CLF, Add	*50.39*	
		For >3.5 CLF, Deduct	*-60.84*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	972.69	138.49
		For Up To 0.5 CLF, Add	*62.57*	
		For >2.5 CLF, Deduct	*-76.50*	

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	367.87	103.87
		For Up To 6 CLF, Add	*19.80*	
		For >30 CLF, Deduct	*-21.21*	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	396.01	103.87
		For Up To 4 CLF, Add	*21.91*	
		For >20 CLF, Deduct	*-24.02*	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	435.69	107.33
		For Up To 3 CLF, Add	*24.60*	
		For >15 CLF, Deduct	*-27.41*	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	449.76	107.33
		For Up To 2.5 CLF, Add	*25.65*	
		For >13 CLF, Deduct	*-28.82*	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	491.97	107.33
		For Up To 2 CLF, Add	*28.82*	
		For >10 CLF, Deduct	*-33.04*	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	534.17	107.33
		For Up To 1.5 CLF, Add	*31.98*	
		For >8 CLF, Deduct	*-37.26*	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	587.92	111.94
		For Up To 1.3 CLF, Add	*35.73*	
		For >7 CLF, Deduct	*-42.06*	
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	559.78	111.94
		For Up To 1.4 CLF, Add	*33.62*	
		For >7.5 CLF, Deduct	*-39.24*	
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	627.60	115.40
		For Up To 1.15 CLF, Add	*38.41*	
		For >6 CLF, Deduct	*-45.45*	
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	683.87	115.40
		For Up To 1 CLF, Add	*42.63*	
		For >5 CLF, Deduct	*-51.08*	
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	751.69	118.87
		For Up To 0.8 CLF, Add	*47.43*	
		For >4.5 CLF, Deduct	*-57.28*	
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	819.51	123.49
		For Up To 0.75 CLF, Add	*52.23*	
		For >4 CLF, Deduct	*-63.49*	
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	887.33	126.95
		For Up To 0.65 CLF, Add	*57.03*	
		For >3.5 CLF, Deduct	*-69.69*	
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	1,090.77	138.49
		For Up To 0.5 CLF, Add	*71.42*	
		For >2.5 CLF, Deduct	*-88.30*	

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	364.23	103.87
		For Custom Match Coloring, Add	*12.63*	
		For Up To 6 CLF, Add	*19.53*	
		For >30 CLF, Deduct	*-20.84*	
		For 1 Part Mildew Resistant, Add	*18.42*	
		For High-Modulus Non-Acid Curing, Add	*10.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	384.21	103.87
		For Custom Match Coloring, Add	*17.43*	
		For Up To 4 CLF, Add	*21.03*	
		For >20 CLF, Deduct	*-22.84*	
		For 1 Part Mildew Resistant, Add	*25.41*	
		For High-Modulus Non-Acid Curing, Add	*14.52*	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	407.53	107.33
		For Custom Match Coloring, Add	*20.25*	
		For Up To 3 CLF, Add	*22.49*	
		For >15 CLF, Deduct	*-24.60*	
		For 1 Part Mildew Resistant, Add	*29.54*	
		For High-Modulus Non-Acid Curing, Add	*16.88*	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	440.23	107.33
		For Custom Match Coloring, Add	*28.10*	
		For Up To 2.5 CLF, Add	*24.94*	
		For >13 CLF, Deduct	*-27.87*	
		For 1 Part Mildew Resistant, Add	*40.98*	
		For High-Modulus Non-Acid Curing, Add	*23.42*	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	474.23	107.33
		For Custom Match Coloring, Add	*36.26*	
		For Up To 2 CLF, Add	*27.49*	
		For >10 CLF, Deduct	*-31.27*	
		For 1 Part Mildew Resistant, Add	*52.88*	
		For High-Modulus Non-Acid Curing, Add	*30.22*	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	547.57	111.94
		For Custom Match Coloring, Add	*51.09*	
		For Up To 1.4 CLF, Add	*32.70*	
		For >7.5 CLF, Deduct	*-38.02*	
		For 1 Part Mildew Resistant, Add	*74.51*	
		For High-Modulus Non-Acid Curing, Add	*42.58*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	77.80	6.89
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	58.03	6.89
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	96.54	6.89

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	104.57	6.89
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	69.28	6.89
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	132.69	6.89

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	57.02	6.89
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	52.77	6.89
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	84.46	6.89

07 95 13 13-0015 With 2" Space *(07 95 13 13-0010)*

07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	73.08	6.89
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	58.39	6.89
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	102.53	6.89

07 95 13 16 Exterior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*

07 95 13 16-0002 Roof To Roof *(07 95 13 16-0001)*

07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	106.57	4.60
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	129.10	4.60
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	144.62	4.60

07 95 13 16-0006 Roof To Wall *(07 95 13 16-0001)*

07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	78.40	4.60
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	105.98	4.60

07 95 13 16-0009 Flat Wall To Wall *(07 95 13 16-0001)*

07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	57.77	4.60
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	74.32	4.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	94.29	4.60
07 95 13 16-0013		Corner To Flat Wall *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	54.00	4.60
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	65.03	4.60
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	96.03	4.60

END OF SECTION 07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 10 Operation and Maintenance of Doors and Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 61 Metal Doors and Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	26.23	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	52.61	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	63.30	

08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls *(08 01)*

08 01 44 Operation and Maintenance of Curtain Walls *(08 01 40)*

08 01 44 00-0001 Retrofit Curtain Walls *(08 01 44)*

08 01 44 00-0002	EA	Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow	2,889.29	1,194.90
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps	27.61	6.81
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal	114.64	29.49
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers	107.15	29.49
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion	28.36	
08 01 44 00-0007	EA	Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee	12,000.00	

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	13.10	
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	37.57	
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	42.68	
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	26.31	
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	23.38	
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	28.89	
		Note: Channel, spiral or coil balance.		
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing	86.63	
		Note: Channel, spiral or coil balance.		
		For Replacing Two Balances In One Window, Deduct	*-31.87*	

08 01 70 Operation and Maintenance of Hardware *(08 01)*

08 01 71 Operation and Maintenance of Door Hardware *(08 01 70)*

08 01 71 81 Door Hardware Replacement *(08 01 71)*

08 01 71 81-0001 Replacement Folding Door Hardware *(08 01 71 81)*
Note: Includes track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, 4-door aligner (when necessary), and doorknob.

08 01 71 81-0002 2-Door Folding Door Hardware *(08 01 71 81-0001)*

08 01 71 81-0003	SET	24" Track, 40 Lb. Capacity, 2 Panel Bi-Fold Door Hardware	272.40	115.47
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0004	SET	30" Track, 40 Lb. Capacity, 2 Panel Bi-Fold Door Hardware	281.45	118.36
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0005	SET	36" Track, 40 Lb. Capacity, 2 Panel Bi-Fold Door Hardware	287.23	121.25
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0006	SET	36" Track, 50 Lb. Capacity, 2 Panel Bi-Fold Door Hardware	308.44	121.25
		Note: Aluminum, top mounted. For replacement only.		

08 01 71 81-0007 4-Door Folding Door Hardware *(08 01 71 81-0001)*

08 01 71 81-0008	SET	48" Track, 40 Lb. Capacity, 4 Panel Bi-Folding Door Hardware	418.83	173.22
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0009	SET	48" Track, 50 Lb. Capacity, 4 Panel Bi-Folding Door Hardware	453.13	173.22
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0010	SET	60" Track, 40 Lb. Capacity, 4 Panel Bi-Folding Door Hardware	428.58	173.22
		Note: Aluminum, top mounted. For replacement only.		
08 01 71 81-0011	SET	60" Track, 50 Lb. Capacity, 4 Panel Bi-Folding Door Hardware	463.90	173.22
		Note: Aluminum, top mounted. For replacement only.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 01 71 81-0012	SET	72" Track, 40 Lb. Capacity, 4 Panel Bi-Folding Door Hardware Note: Aluminum, top mounted. For replacement only.	438.02	178.99
08 01 71 81-0013	SET	72" Track, 50 Lb. Capacity, 4 Panel Bi-Folding Door Hardware Note: Aluminum, top mounted. For replacement only.	474.91	178.99
08 01 71 81-0014	SET	96" Track, 40 Lb. Capacity, 4 Panel Bi-Folding Door Hardware Note: Aluminum, top mounted. For replacement only.	429.69	178.99
08 01 71 81-0015	SET	96" Track, 50 Lb. Capacity, 4 Panel Bi-Folding Door Hardware Note: Aluminum, top mounted. For replacement only.	452.27	178.99
08 01 71 81-0016		Replacement Sliding Door Hardware *(08 01 71 81)* Note: Hardware includes track, door pull, by-pass door guide, doorstop, standard hanger, and track stop.		
08 01 71 81-0017		2-Door Sliding Door Hardware *(08 01 71 81-0016)*		
08 01 71 81-0018	SET	48" Track, 100 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	164.75	57.74
08 01 71 81-0019	SET	48" Track, 150 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	220.21	57.74
08 01 71 81-0020	SET	60" Track, 100 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	182.74	63.51
08 01 71 81-0021	SET	60" Track, 150 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	243.11	63.51
08 01 71 81-0022	SET	72" Track, 100 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	213.84	69.28
08 01 71 81-0023	SET	72" Track, 150 Lb. Capacity, 2 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	266.38	69.28
08 01 71 81-0024		4-Door Sliding Door Hardware *(08 01 71 81-0016)*		
08 01 71 81-0025	SET	96" Track, 200 Lb. Capacity, 4 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	358.68	115.47
08 01 71 81-0026	SET	96" Track, 300 Lb. Capacity, 4 Door Sliding Door Hardware Note: Aluminum fascia track. For replacement only.	432.57	115.47

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 10 Maintenance of Glass Glazing *(08 01 81)*

08 01 81 10-0001		Glazing Compound Repair *(08 01 81 10)*		
08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing, For Glazing Compound Repair	8.19	

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001		Door Vision Panels (Pemko LT-S1) *(08 05 13)* Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.		
08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	151.19	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*75.60*	
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	191.38	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*95.69*	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	222.00	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*111.00*	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	283.24	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*141.62*	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	367.44	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*183.72*	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	468.87	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*234.44*	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	497.58	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*248.79*	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	252.91	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*68.72*	
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	301.01	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*86.99*	
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	340.38	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*100.91*	
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	407.61	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*128.75*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		495.70	
		For 9/16" To 1-1/16" Glazing Pocket, Add		*167.02*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		599.46	
		For 9/16" To 1-1/16" Glazing Pocket, Add		*213.12*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		637.11	
		For 9/16" To 1-1/16" Glazing Pocket, Add		*226.17*	
08 05 13 00-0016		**Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY)** *(08 05 13)*			
		Note: Factory primed or powder coated.			
08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		144.16	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		163.77	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		222.58	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		415.06	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		513.29	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		613.10	
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		800.04	
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		941.76	
		For 18 Gauge Louver And 18 Gauge Frame, Add		*113.01*	
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		230.76	
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		259.04	
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		326.51	
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		527.65	
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		634.54	
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		743.01	
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		938.61	
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add		1,086.10	
		For 18 Gauge Louver And 18 Gauge Frame, Add		*113.01*	
08 05 13 00-0033		**Fire Rated Fusible Link Louvers (Pemko LV-FL)** *(08 05 13)*			
		Note: Factory primed or powder coated.			
08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		291.93	
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		334.06	
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		392.39	
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		395.86	
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		449.53	
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add		517.11	
08 05 13 00-0040		**Door Hardware Preparation** *(08 05 13)*			
08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware		86.55	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.		213.49	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware		98.09	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.		173.12	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware		28.85	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.		317.40	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod		201.96	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.		213.49	
08 05 13 00-0049	EA	Prepare Existing Wood Door (Non-Rated) For Electric Hardware		98.09	
08 05 13 00-0050		**Door Modifications** *(08 05 13)*			
08 05 13 00-0051	EA	Removal And Reinstallation Of Door		98.16	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame		192.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	103.93	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,335.60	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	112.98	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	24.54	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	116.32	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	52.35	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	75.61	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 13 Hollow Metal Doors and Frames *(08 11)*

See CSI section 08 12 13 00-0000 for hollow metal frames, 08 13 13 00-0000 for hollow metal doors.

08 11 16 Aluminum Doors and Frames *(08 11)*

See CSI section 08 12 16 00-0000 for aluminum frames.

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*
Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	859.08	158.79
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	870.67	164.55
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,163.20	164.55

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*
Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	1,104.89	92.38
		For Special Finished, Add	*104.87*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,163.83	92.38
08 11 63 23-0004	EA	Aluminum Screen Door	319.97	57.70
08 11 63 23-0005	SF	Repair Screen Door	16.15	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door With Fusible Link *(08 11 73)*
Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,550.91	574.69
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,825.46	574.69
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,282.86	574.69
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,782.58	574.69

08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*
Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	742.09	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*85.33*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*68.26*	
		For Type 304 Stainless Steel Frame, Add	*1,032.63*	
		For Type 316 Stainless Steel Frame, Add	*1,203.29*	
		For Baked Enamel Finish, Add	*196.64*	
		For 18 Gauge Frame, Deduct	*-56.89*	
		For 14 Gauge Frame, Add	*142.22*	
		For 12 Gauge Frame, Add	*216.17*	
		For Clear Aluminum Frames (Three Piece), Add	*167.82*	
		For Black Aluminum Frames (Three Piece), Add	*255.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	867.76	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*101.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*81.27*	
		For Type 304 Stainless Steel Frame, Add	*1,228.54*	
		For Type 316 Stainless Steel Frame, Add	*1,431.71*	
		For Baked Enamel Finish, Add	*231.75*	
		For 18 Gauge Frame, Deduct	*-67.72*	
		For 14 Gauge Frame, Add	*169.31*	
		For 12 Gauge Frame, Add	*257.35*	
		For Clear Aluminum Frames (Three Piece), Add	*199.78*	
		For Black Aluminum Frames (Three Piece), Add	*304.75*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	890.16	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,248.63*	
		For Type 316 Stainless Steel Frame, Add	*1,455.05*	
		For Baked Enamel Finish, Add	*236.73*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
		For Clear Aluminum Frames (Three Piece), Add	*202.98*	
		For Black Aluminum Frames (Three Piece), Add	*309.63*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	907.48	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,249.50*	
		For Type 316 Stainless Steel Frame, Add	*1,455.92*	
		For Baked Enamel Finish, Add	*239.33*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
		For Clear Aluminum Frames (Three Piece), Add	*202.98*	
		For Black Aluminum Frames (Three Piece), Add	*309.63*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	924.08	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*104.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*83.87*	
		For Type 304 Stainless Steel Frame, Add	*1,269.28*	
		For Type 316 Stainless Steel Frame, Add	*1,478.95*	
		For Baked Enamel Finish, Add	*243.45*	
		For 18 Gauge Frame, Deduct	*-69.89*	
		For 14 Gauge Frame, Add	*174.73*	
		For 12 Gauge Frame, Add	*265.58*	
		For Clear Aluminum Frames (Three Piece), Add	*206.18*	
		For Black Aluminum Frames (Three Piece), Add	*314.51*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	940.70	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*106.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*85.17*	
		For Type 304 Stainless Steel Frame, Add	*1,289.08*	
		For Type 316 Stainless Steel Frame, Add	*1,502.00*	
		For Baked Enamel Finish, Add	*247.57*	
		For 18 Gauge Frame, Deduct	*-70.97*	
		For 14 Gauge Frame, Add	*177.44*	
		For 12 Gauge Frame, Add	*269.70*	
		For Clear Aluminum Frames (Three Piece), Add	*209.37*	
		For Black Aluminum Frames (Three Piece), Add	*319.38*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,001.00	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,377.43*	
		For Type 316 Stainless Steel Frame, Add	*1,604.98*	
		For Baked Enamel Finish, Add	*263.93*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	
		For Clear Aluminum Frames (Three Piece), Add	*223.76*	
		For Black Aluminum Frames (Three Piece), Add	*341.33*	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,012.55	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,378.00*	
		For Type 316 Stainless Steel Frame, Add	*1,605.55*	
		For Baked Enamel Finish, Add	*265.66*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	
		For Clear Aluminum Frames (Three Piece), Add	*223.76*	
		For Black Aluminum Frames (Three Piece), Add	*341.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,051.18	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*117.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.27*	
		For Type 304 Stainless Steel Frame, Add	*1,427.34*	
		For Type 316 Stainless Steel Frame, Add	*1,663.02*	
		For Baked Enamel Finish, Add	*275.52*	
		For 18 Gauge Frame, Deduct	*-78.56*	
		For 14 Gauge Frame, Add	*196.40*	
		For 12 Gauge Frame, Add	*298.52*	
		For Clear Aluminum Frames (Three Piece), Add	*231.75*	
		For Black Aluminum Frames (Three Piece), Add	*353.52*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,089.83	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,476.68*	
		For Type 316 Stainless Steel Frame, Add	*1,720.49*	
		For Baked Enamel Finish, Add	*285.38*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
		For Clear Aluminum Frames (Three Piece), Add	*239.74*	
		For Black Aluminum Frames (Three Piece), Add	*365.71*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,101.37	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,477.26*	
		For Type 316 Stainless Steel Frame, Add	*1,721.06*	
		For Baked Enamel Finish, Add	*287.11*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
		For Clear Aluminum Frames (Three Piece), Add	*239.74*	
		For Black Aluminum Frames (Three Piece), Add	*365.71*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,120.69	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*123.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*99.15*	
		For Type 304 Stainless Steel Frame, Add	*1,501.92*	
		For Type 316 Stainless Steel Frame, Add	*1,749.79*	
		For Baked Enamel Finish, Add	*292.04*	
		For 18 Gauge Frame, Deduct	*-82.62*	
		For 14 Gauge Frame, Add	*206.56*	
		For 12 Gauge Frame, Add	*313.96*	
		For Clear Aluminum Frames (Three Piece), Add	*243.73*	
		For Black Aluminum Frames (Three Piece), Add	*371.80*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,140.01	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.77*	
		For Type 304 Stainless Steel Frame, Add	*1,526.60*	
		For Type 316 Stainless Steel Frame, Add	*1,778.53*	
		For Baked Enamel Finish, Add	*296.97*	
		For 18 Gauge Frame, Deduct	*-83.98*	
		For 14 Gauge Frame, Add	*209.94*	
		For 12 Gauge Frame, Add	*319.11*	
		For Clear Aluminum Frames (Three Piece), Add	*247.73*	
		For Black Aluminum Frames (Three Piece), Add	*377.90*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,199.96	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*134.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*107.27*	
		For Type 304 Stainless Steel Frame, Add	*1,624.39*	
		For Type 316 Stainless Steel Frame, Add	*1,892.58*	
		For Baked Enamel Finish, Add	*314.09*	
		For 18 Gauge Frame, Deduct	*-89.39*	
		For 14 Gauge Frame, Add	*223.49*	
		For 12 Gauge Frame, Add	*339.70*	
		For Clear Aluminum Frames (Three Piece), Add	*263.71*	
		For Black Aluminum Frames (Three Piece), Add	*402.27*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,259.90	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*142.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*113.77*	
		For Type 304 Stainless Steel Frame, Add	*1,722.21*	
		For Type 316 Stainless Steel Frame, Add	*2,006.64*	
		For Baked Enamel Finish, Add	*331.20*	
		For 18 Gauge Frame, Deduct	*-94.81*	
		For 14 Gauge Frame, Add	*237.03*	
		For 12 Gauge Frame, Add	*360.29*	
		For Clear Aluminum Frames (Three Piece), Add	*279.70*	
		For Black Aluminum Frames (Three Piece), Add	*426.65*	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	805.30	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.41*	
		For Type 316 Stainless Steel Frame, Add	*1,336.03*	
		For Baked Enamel Finish, Add	*215.61*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	
		For Clear Aluminum Frames (Three Piece), Add	*186.46*	
		For Black Aluminum Frames (Three Piece), Add	*284.44*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	943.01	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.99*	
		For Type 316 Stainless Steel Frame, Add	*1,589.73*	
		For Baked Enamel Finish, Add	*254.32*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
		For Clear Aluminum Frames (Three Piece), Add	*221.98*	
		For Black Aluminum Frames (Three Piece), Add	*338.62*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	966.61	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.24*	
		For Type 316 Stainless Steel Frame, Add	*1,615.60*	
		For Baked Enamel Finish, Add	*259.67*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
		For Clear Aluminum Frames (Three Piece), Add	*225.53*	
		For Black Aluminum Frames (Three Piece), Add	*344.03*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	983.93	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,387.11*	
		For Type 316 Stainless Steel Frame, Add	*1,616.46*	
		For Baked Enamel Finish, Add	*262.27*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
		For Clear Aluminum Frames (Three Piece), Add	*225.53*	
		For Black Aluminum Frames (Three Piece), Add	*344.03*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,001.74	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,409.07*	
		For Type 316 Stainless Steel Frame, Add	*1,642.04*	
		For Baked Enamel Finish, Add	*266.75*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
		For Clear Aluminum Frames (Three Piece), Add	*229.09*	
		For Black Aluminum Frames (Three Piece), Add	*349.45*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,019.56	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,431.03*	
		For Type 316 Stainless Steel Frame, Add	*1,667.61*	
		For Baked Enamel Finish, Add	*271.22*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
		For Clear Aluminum Frames (Three Piece), Add	*232.64*	
		For Black Aluminum Frames (Three Piece), Add	*354.87*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,085.28	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.13*	
		For Type 316 Stainless Steel Frame, Add	*1,781.96*	
		For Baked Enamel Finish, Add	*289.21*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
		For Clear Aluminum Frames (Three Piece), Add	*248.62*	
		For Black Aluminum Frames (Three Piece), Add	*379.25*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,096.83	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.71*	
		For Type 316 Stainless Steel Frame, Add	*1,782.54*	
		For Baked Enamel Finish, Add	*290.94*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
		For Clear Aluminum Frames (Three Piece), Add	*248.62*	
		For Black Aluminum Frames (Three Piece), Add	*379.25*	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,138.47	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.75*	
		For Type 304 Stainless Steel Frame, Add	*1,584.46*	
		For Type 316 Stainless Steel Frame, Add	*1,846.33*	
		For Baked Enamel Finish, Add	*301.70*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	
		For Clear Aluminum Frames (Three Piece), Add	*257.50*	
		For Black Aluminum Frames (Three Piece), Add	*392.80*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,180.12	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.20*	
		For Type 316 Stainless Steel Frame, Add	*1,910.09*	
		For Baked Enamel Finish, Add	*312.46*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
		For Clear Aluminum Frames (Three Piece), Add	*266.38*	
		For Black Aluminum Frames (Three Piece), Add	*406.34*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,191.66	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.78*	
		For Type 316 Stainless Steel Frame, Add	*1,910.67*	
		For Baked Enamel Finish, Add	*314.19*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
		For Clear Aluminum Frames (Three Piece), Add	*266.38*	
		For Black Aluminum Frames (Three Piece), Add	*406.34*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,212.49	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,667.16*	
		For Type 316 Stainless Steel Frame, Add	*1,942.57*	
		For Baked Enamel Finish, Add	*319.58*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
		For Clear Aluminum Frames (Three Piece), Add	*270.82*	
		For Black Aluminum Frames (Three Piece), Add	*413.11*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,233.31	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.54*	
		For Type 316 Stainless Steel Frame, Add	*1,974.46*	
		For Baked Enamel Finish, Add	*324.96*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
		For Clear Aluminum Frames (Three Piece), Add	*275.26*	
		For Black Aluminum Frames (Three Piece), Add	*419.88*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,299.29	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,803.19*	
		For Type 316 Stainless Steel Frame, Add	*2,101.17*	
		For Baked Enamel Finish, Add	*343.88*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
		For Clear Aluminum Frames (Three Piece), Add	*293.01*	
		For Black Aluminum Frames (Three Piece), Add	*446.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,365.25	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.84*	
		For Type 316 Stainless Steel Frame, Add	*2,227.88*	
		For Baked Enamel Finish, Add	*362.81*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	
		For Clear Aluminum Frames (Three Piece), Add	*310.77*	
		For Black Aluminum Frames (Three Piece), Add	*474.06*	
08 12 13 13-0034		5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0035		6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*		
08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	805.30	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.41*	
		For Type 316 Stainless Steel Frame, Add	*1,336.03*	
		For Baked Enamel Finish, Add	*215.61*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	
		For Clear Aluminum Frames (Three Piece), Add	*186.46*	
		For Black Aluminum Frames (Three Piece), Add	*284.44*	
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	943.01	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.99*	
		For Type 316 Stainless Steel Frame, Add	*1,589.73*	
		For Baked Enamel Finish, Add	*254.32*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
		For Clear Aluminum Frames (Three Piece), Add	*221.98*	
		For Black Aluminum Frames (Three Piece), Add	*338.62*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	966.61	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.24*	
		For Type 316 Stainless Steel Frame, Add	*1,615.60*	
		For Baked Enamel Finish, Add	*259.67*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
		For Clear Aluminum Frames (Three Piece), Add	*225.53*	
		For Black Aluminum Frames (Three Piece), Add	*344.03*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	983.93	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,387.11*	
		For Type 316 Stainless Steel Frame, Add	*1,616.46*	
		For Baked Enamel Finish, Add	*262.27*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
		For Clear Aluminum Frames (Three Piece), Add	*225.53*	
		For Black Aluminum Frames (Three Piece), Add	*344.03*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,001.74	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,409.07*	
		For Type 316 Stainless Steel Frame, Add	*1,642.04*	
		For Baked Enamel Finish, Add	*266.75*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
		For Clear Aluminum Frames (Three Piece), Add	*229.09*	
		For Black Aluminum Frames (Three Piece), Add	*349.45*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,019.56	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,431.03*	
		For Type 316 Stainless Steel Frame, Add	*1,667.61*	
		For Baked Enamel Finish, Add	*271.22*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
		For Clear Aluminum Frames (Three Piece), Add	*232.64*	
		For Black Aluminum Frames (Three Piece), Add	*354.87*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,085.28	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.13*	
		For Type 316 Stainless Steel Frame, Add	*1,781.96*	
		For Baked Enamel Finish, Add	*289.21*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
		For Clear Aluminum Frames (Three Piece), Add	*248.62*	
		For Black Aluminum Frames (Three Piece), Add	*379.25*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,096.83	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.71*	
		For Type 316 Stainless Steel Frame, Add	*1,782.54*	
		For Baked Enamel Finish, Add	*290.94*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
		For Clear Aluminum Frames (Three Piece), Add	*248.62*	
		For Black Aluminum Frames (Three Piece), Add	*379.25*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,138.46	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.74*	
		For Type 304 Stainless Steel Frame, Add	*1,584.45*	
		For Type 316 Stainless Steel Frame, Add	*1,846.31*	
		For Baked Enamel Finish, Add	*301.70*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	
		For Clear Aluminum Frames (Three Piece), Add	*257.50*	
		For Black Aluminum Frames (Three Piece), Add	*392.79*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,180.12	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.20*	
		For Type 316 Stainless Steel Frame, Add	*1,910.09*	
		For Baked Enamel Finish, Add	*312.46*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
		For Clear Aluminum Frames (Three Piece), Add	*266.38*	
		For Black Aluminum Frames (Three Piece), Add	*406.34*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,191.66	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.78*	
		For Type 316 Stainless Steel Frame, Add	*1,910.67*	
		For Baked Enamel Finish, Add	*314.19*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
		For Clear Aluminum Frames (Three Piece), Add	*266.38*	
		For Black Aluminum Frames (Three Piece), Add	*406.34*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,212.49	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,667.16*	
		For Type 316 Stainless Steel Frame, Add	*1,942.57*	
		For Baked Enamel Finish, Add	*319.58*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
		For Clear Aluminum Frames (Three Piece), Add	*270.82*	
		For Black Aluminum Frames (Three Piece), Add	*413.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,233.31	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.54*	
		For Type 316 Stainless Steel Frame, Add	*1,974.46*	
		For Baked Enamel Finish, Add	*324.96*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
		For Clear Aluminum Frames (Three Piece), Add	*275.26*	
		For Black Aluminum Frames (Three Piece), Add	*419.88*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,299.29	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,803.19*	
		For Type 316 Stainless Steel Frame, Add	*2,101.17*	
		For Baked Enamel Finish, Add	*343.88*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
		For Clear Aluminum Frames (Three Piece), Add	*293.01*	
		For Black Aluminum Frames (Three Piece), Add	*446.97*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,365.25	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.84*	
		For Type 316 Stainless Steel Frame, Add	*2,227.88*	
		For Baked Enamel Finish, Add	*362.81*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	
		For Clear Aluminum Frames (Three Piece), Add	*310.77*	
		For Black Aluminum Frames (Three Piece), Add	*474.06*	
08 12 13 13-0051		>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*		
08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	875.53	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*105.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*84.28*	
		For Type 304 Stainless Steel Frame, Add	*1,272.82*	
		For Type 316 Stainless Steel Frame, Add	*1,483.51*	
		For Baked Enamel Finish, Add	*236.68*	
		For 18 Gauge Frame, Deduct	*-70.23*	
		For 14 Gauge Frame, Add	*175.58*	
		For 12 Gauge Frame, Add	*266.88*	
		For Clear Aluminum Frames (Three Piece), Add	*207.18*	
		For Black Aluminum Frames (Three Piece), Add	*316.04*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,026.62	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.33*	
		For Type 304 Stainless Steel Frame, Add	*1,514.49*	
		For Type 316 Stainless Steel Frame, Add	*1,765.32*	
		For Baked Enamel Finish, Add	*279.41*	
		For 18 Gauge Frame, Deduct	*-83.61*	
		For 14 Gauge Frame, Add	*209.02*	
		For 12 Gauge Frame, Add	*317.71*	
		For Clear Aluminum Frames (Three Piece), Add	*246.65*	
		For Black Aluminum Frames (Three Piece), Add	*376.24*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,051.55	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,539.13*	
		For Type 316 Stainless Steel Frame, Add	*1,793.97*	
		For Baked Enamel Finish, Add	*285.15*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
		For Clear Aluminum Frames (Three Piece), Add	*250.59*	
		For Black Aluminum Frames (Three Piece), Add	*382.26*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,068.87	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,540.00*	
		For Type 316 Stainless Steel Frame, Add	*1,794.84*	
		For Baked Enamel Finish, Add	*287.75*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
		For Clear Aluminum Frames (Three Piece), Add	*250.59*	
		For Black Aluminum Frames (Three Piece), Add	*382.26*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,088.02	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*129.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*103.54*	
		For Type 304 Stainless Steel Frame, Add	*1,564.37*	
		For Type 316 Stainless Steel Frame, Add	*1,823.22*	
		For Baked Enamel Finish, Add	*292.63*	
		For 18 Gauge Frame, Deduct	*-86.28*	
		For 14 Gauge Frame, Add	*215.71*	
		For 12 Gauge Frame, Add	*327.88*	
		For Clear Aluminum Frames (Three Piece), Add	*254.54*	
		For Black Aluminum Frames (Three Piece), Add	*388.28*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,107.18	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*131.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*105.15*	
		For Type 304 Stainless Steel Frame, Add	*1,588.74*	
		For Type 316 Stainless Steel Frame, Add	*1,851.61*	
		For Baked Enamel Finish, Add	*297.51*	
		For 18 Gauge Frame, Deduct	*-87.62*	
		For 14 Gauge Frame, Add	*219.06*	
		For 12 Gauge Frame, Add	*332.96*	
		For Clear Aluminum Frames (Three Piece), Add	*258.48*	
		For Black Aluminum Frames (Three Piece), Add	*394.30*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,178.92	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,697.68*	
		For Type 316 Stainless Steel Frame, Add	*1,978.61*	
		For Baked Enamel Finish, Add	*317.30*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
		For Clear Aluminum Frames (Three Piece), Add	*276.24*	
		For Black Aluminum Frames (Three Piece), Add	*421.39*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,190.47	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,698.26*	
		For Type 316 Stainless Steel Frame, Add	*1,979.18*	
		For Baked Enamel Finish, Add	*319.03*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
		For Clear Aluminum Frames (Three Piece), Add	*276.24*	
		For Black Aluminum Frames (Three Piece), Add	*421.39*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,235.45	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*145.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*116.38*	
		For Type 304 Stainless Steel Frame, Add	*1,759.03*	
		For Type 316 Stainless Steel Frame, Add	*2,049.99*	
		For Baked Enamel Finish, Add	*330.80*	
		For 18 Gauge Frame, Deduct	*-96.99*	
		For 14 Gauge Frame, Add	*242.47*	
		For 12 Gauge Frame, Add	*368.55*	
		For Clear Aluminum Frames (Three Piece), Add	*286.11*	
		For Black Aluminum Frames (Three Piece), Add	*436.44*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,280.45	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,819.80*	
		For Type 316 Stainless Steel Frame, Add	*2,120.79*	
		For Baked Enamel Finish, Add	*342.56*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	
		For Clear Aluminum Frames (Three Piece), Add	*295.97*	
		For Black Aluminum Frames (Three Piece), Add	*451.49*	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,291.99	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,820.37*	
		For Type 316 Stainless Steel Frame, Add	*2,121.36*	
		For Baked Enamel Finish, Add	*344.29*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	
		For Clear Aluminum Frames (Three Piece), Add	*295.97*	
		For Black Aluminum Frames (Three Piece), Add	*451.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,314.50	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*153.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*122.40*	
		For Type 304 Stainless Steel Frame, Add	*1,850.78*	
		For Type 316 Stainless Steel Frame, Add	*2,156.79*	
		For Baked Enamel Finish, Add	*350.18*	
		For 18 Gauge Frame, Deduct	*-102.00*	
		For 14 Gauge Frame, Add	*255.01*	
		For 12 Gauge Frame, Add	*387.61*	
		For Clear Aluminum Frames (Three Piece), Add	*300.91*	
		For Black Aluminum Frames (Three Piece), Add	*459.01*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,336.99	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*155.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*124.41*	
		For Type 304 Stainless Steel Frame, Add	*1,881.16*	
		For Type 316 Stainless Steel Frame, Add	*2,192.19*	
		For Baked Enamel Finish, Add	*356.06*	
		For 18 Gauge Frame, Deduct	*-103.68*	
		For 14 Gauge Frame, Add	*259.19*	
		For 12 Gauge Frame, Add	*393.97*	
		For Clear Aluminum Frames (Three Piece), Add	*305.84*	
		For Black Aluminum Frames (Three Piece), Add	*466.54*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,409.66	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*165.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*132.44*	
		For Type 304 Stainless Steel Frame, Add	*2,001.85*	
		For Type 316 Stainless Steel Frame, Add	*2,332.95*	
		For Baked Enamel Finish, Add	*377.00*	
		For 18 Gauge Frame, Deduct	*-110.36*	
		For 14 Gauge Frame, Add	*275.91*	
		For 12 Gauge Frame, Add	*419.38*	
		For Clear Aluminum Frames (Three Piece), Add	*325.57*	
		For Black Aluminum Frames (Three Piece), Add	*496.64*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,482.30	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*175.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*140.46*	
		For Type 304 Stainless Steel Frame, Add	*2,122.53*	
		For Type 316 Stainless Steel Frame, Add	*2,473.68*	
		For Baked Enamel Finish, Add	*397.92*	
		For 18 Gauge Frame, Deduct	*-117.05*	
		For 14 Gauge Frame, Add	*292.63*	
		For 12 Gauge Frame, Add	*444.80*	
		For Clear Aluminum Frames (Three Piece), Add	*345.30*	
		For Black Aluminum Frames (Three Piece), Add	*526.73*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,173.88	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.08*	
		For Type 304 Stainless Steel Frame, Add	*1,809.85*	
		For Type 316 Stainless Steel Frame, Add	*2,110.05*	
		For Baked Enamel Finish, Add	*326.18*	
		For 18 Gauge Frame, Deduct	*-100.07*	
		For 14 Gauge Frame, Add	*250.17*	
		For 12 Gauge Frame, Add	*380.25*	
		For Clear Aluminum Frames (Three Piece), Add	*295.19*	
		For Black Aluminum Frames (Three Piece), Add	*450.30*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,381.79	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*178.69*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*142.95*	
		For Type 304 Stainless Steel Frame, Add	*2,153.79*	
		For Type 316 Stainless Steel Frame, Add	*2,511.17*	
		For Baked Enamel Finish, Add	*385.96*	
		For 18 Gauge Frame, Deduct	*-119.13*	
		For 14 Gauge Frame, Add	*297.82*	
		For 12 Gauge Frame, Add	*452.68*	
		For Clear Aluminum Frames (Three Piece), Add	*351.42*	
		For Black Aluminum Frames (Three Piece), Add	*536.07*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,412.41	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,188.68*	
		For Type 316 Stainless Steel Frame, Add	*2,551.78*	
		For Baked Enamel Finish, Add	*393.41*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	
		For Clear Aluminum Frames (Three Piece), Add	*357.04*	
		For Black Aluminum Frames (Three Piece), Add	*544.64*	
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,429.73	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,189.55*	
		For Type 316 Stainless Steel Frame, Add	*2,552.64*	
		For Baked Enamel Finish, Add	*396.01*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	
		For Clear Aluminum Frames (Three Piece), Add	*357.04*	
		For Black Aluminum Frames (Three Piece), Add	*544.64*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,454.56	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*147.53*	
		For Type 304 Stainless Steel Frame, Add	*2,224.14*	
		For Type 316 Stainless Steel Frame, Add	*2,592.96*	
		For Baked Enamel Finish, Add	*402.59*	
		For 18 Gauge Frame, Deduct	*-122.94*	
		For 14 Gauge Frame, Add	*307.35*	
		For 12 Gauge Frame, Add	*467.16*	
		For Clear Aluminum Frames (Three Piece), Add	*362.67*	
		For Black Aluminum Frames (Three Piece), Add	*553.22*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,479.40	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*149.81*	
		For Type 304 Stainless Steel Frame, Add	*2,258.74*	
		For Type 316 Stainless Steel Frame, Add	*2,633.27*	
		For Baked Enamel Finish, Add	*409.18*	
		For 18 Gauge Frame, Deduct	*-124.84*	
		For 14 Gauge Frame, Add	*312.11*	
		For 12 Gauge Frame, Add	*474.41*	
		For Clear Aluminum Frames (Three Piece), Add	*368.29*	
		For Black Aluminum Frames (Three Piece), Add	*561.80*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,576.71	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,413.70*	
		For Type 316 Stainless Steel Frame, Add	*2,813.97*	
		For Baked Enamel Finish, Add	*436.64*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
		For Clear Aluminum Frames (Three Piece), Add	*393.59*	
		For Black Aluminum Frames (Three Piece), Add	*600.39*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,588.26	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,414.28*	
		For Type 316 Stainless Steel Frame, Add	*2,814.54*	
		For Baked Enamel Finish, Add	*438.37*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
		For Clear Aluminum Frames (Three Piece), Add	*393.59*	
		For Black Aluminum Frames (Three Piece), Add	*600.39*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,647.45	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.82*	
		For Type 304 Stainless Steel Frame, Add	*2,500.63*	
		For Type 316 Stainless Steel Frame, Add	*2,915.19*	
		For Baked Enamel Finish, Add	*454.40*	
		For 18 Gauge Frame, Deduct	*-138.19*	
		For 14 Gauge Frame, Add	*345.47*	
		For 12 Gauge Frame, Add	*525.11*	
		For Clear Aluminum Frames (Three Piece), Add	*407.65*	
		For Black Aluminum Frames (Three Piece), Add	*621.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,706.66	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,586.98*	
		For Type 316 Stainless Steel Frame, Add	*3,015.83*	
		For Baked Enamel Finish, Add	*470.43*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	
		For Clear Aluminum Frames (Three Piece), Add	*421.71*	
		For Black Aluminum Frames (Three Piece), Add	*643.28*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,718.20	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,587.55*	
		For Type 316 Stainless Steel Frame, Add	*3,016.41*	
		For Baked Enamel Finish, Add	*472.16*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	
		For Clear Aluminum Frames (Three Piece), Add	*421.71*	
		For Black Aluminum Frames (Three Piece), Add	*643.28*	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,747.80	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*218.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*174.40*	
		For Type 304 Stainless Steel Frame, Add	*2,630.72*	
		For Type 316 Stainless Steel Frame, Add	*3,066.72*	
		For Baked Enamel Finish, Add	*480.17*	
		For 18 Gauge Frame, Deduct	*-145.33*	
		For 14 Gauge Frame, Add	*363.33*	
		For 12 Gauge Frame, Add	*552.27*	
		For Clear Aluminum Frames (Three Piece), Add	*428.73*	
		For Black Aluminum Frames (Three Piece), Add	*654.00*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,777.40	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*221.57*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.26*	
		For Type 304 Stainless Steel Frame, Add	*2,673.90*	
		For Type 316 Stainless Steel Frame, Add	*3,117.05*	
		For Baked Enamel Finish, Add	*488.18*	
		For 18 Gauge Frame, Deduct	*-147.72*	
		For 14 Gauge Frame, Add	*369.29*	
		For 12 Gauge Frame, Add	*561.32*	
		For Clear Aluminum Frames (Three Piece), Add	*435.76*	
		For Black Aluminum Frames (Three Piece), Add	*664.72*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,878.47	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*235.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*188.69*	
		For Type 304 Stainless Steel Frame, Add	*2,845.71*	
		For Type 316 Stainless Steel Frame, Add	*3,317.45*	
		For Baked Enamel Finish, Add	*517.64*	
		For 18 Gauge Frame, Deduct	*-157.25*	
		For 14 Gauge Frame, Add	*393.11*	
		For 12 Gauge Frame, Add	*597.53*	
		For Clear Aluminum Frames (Three Piece), Add	*463.87*	
		For Black Aluminum Frames (Three Piece), Add	*707.60*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,979.54	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,017.56*	
		For Type 316 Stainless Steel Frame, Add	*3,517.89*	
		For Baked Enamel Finish, Add	*547.10*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
		For Clear Aluminum Frames (Three Piece), Add	*491.99*	
		For Black Aluminum Frames (Three Piece), Add	*750.49*	
08 12 13 13-0084		>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*		
08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,285.06	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*166.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*133.42*	
		For Type 304 Stainless Steel Frame, Add	*2,009.97*	
		For Type 316 Stainless Steel Frame, Add	*2,343.53*	
		For Baked Enamel Finish, Add	*359.54*	
		For 18 Gauge Frame, Deduct	*-111.18*	
		For 14 Gauge Frame, Add	*277.96*	
		For 12 Gauge Frame, Add	*422.50*	
		For Clear Aluminum Frames (Three Piece), Add	*327.99*	
		For Black Aluminum Frames (Three Piece), Add	*500.33*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,514.15	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.54*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.83*	
		For Type 304 Stainless Steel Frame, Add	*2,392.04*	
		For Type 316 Stainless Steel Frame, Add	*2,789.13*	
		For Baked Enamel Finish, Add	*425.67*	
		For 18 Gauge Frame, Deduct	*-132.36*	
		For 14 Gauge Frame, Add	*330.91*	
		For 12 Gauge Frame, Add	*502.98*	
		For Clear Aluminum Frames (Three Piece), Add	*390.47*	
		For Black Aluminum Frames (Three Piece), Add	*595.63*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,546.89	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,430.74*	
		For Type 316 Stainless Steel Frame, Add	*2,834.18*	
		For Baked Enamel Finish, Add	*433.75*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	
		For Clear Aluminum Frames (Three Piece), Add	*396.72*	
		For Black Aluminum Frames (Three Piece), Add	*605.16*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,564.21	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,431.61*	
		For Type 316 Stainless Steel Frame, Add	*2,835.05*	
		For Baked Enamel Finish, Add	*436.35*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	
		For Clear Aluminum Frames (Three Piece), Add	*396.72*	
		For Black Aluminum Frames (Three Piece), Add	*605.16*	
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,591.15	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.92*	
		For Type 304 Stainless Steel Frame, Add	*2,470.01*	
		For Type 316 Stainless Steel Frame, Add	*2,879.80*	
		For Baked Enamel Finish, Add	*443.57*	
		For 18 Gauge Frame, Deduct	*-136.60*	
		For 14 Gauge Frame, Add	*341.49*	
		For 12 Gauge Frame, Add	*519.07*	
		For Clear Aluminum Frames (Three Piece), Add	*402.96*	
		For Black Aluminum Frames (Three Piece), Add	*614.69*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,618.11	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*208.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*166.46*	
		For Type 304 Stainless Steel Frame, Add	*2,508.42*	
		For Type 316 Stainless Steel Frame, Add	*2,924.56*	
		For Baked Enamel Finish, Add	*450.79*	
		For 18 Gauge Frame, Deduct	*-138.72*	
		For 14 Gauge Frame, Add	*346.79*	
		For 12 Gauge Frame, Add	*527.12*	
		For Clear Aluminum Frames (Three Piece), Add	*409.21*	
		For Black Aluminum Frames (Three Piece), Add	*624.22*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,724.95	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,680.54*	
		For Type 316 Stainless Steel Frame, Add	*3,125.27*	
		For Baked Enamel Finish, Add	*481.11*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
		For Clear Aluminum Frames (Three Piece), Add	*437.32*	
		For Black Aluminum Frames (Three Piece), Add	*667.10*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,736.50	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,681.11*	
		For Type 316 Stainless Steel Frame, Add	*3,125.85*	
		For Baked Enamel Finish, Add	*482.84*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
		For Clear Aluminum Frames (Three Piece), Add	*437.32*	
		For Black Aluminum Frames (Three Piece), Add	*667.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,800.99	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.25*	
		For Type 304 Stainless Steel Frame, Add	*2,777.00*	
		For Type 316 Stainless Steel Frame, Add	*3,237.62*	
		For Baked Enamel Finish, Add	*500.46*	
		For 18 Gauge Frame, Deduct	*-153.54*	
		For 14 Gauge Frame, Add	*383.85*	
		For 12 Gauge Frame, Add	*583.45*	
		For Clear Aluminum Frames (Three Piece), Add	*452.94*	
		For Black Aluminum Frames (Three Piece), Add	*690.93*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,865.49	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,872.87*	
		For Type 316 Stainless Steel Frame, Add	*3,349.37*	
		For Baked Enamel Finish, Add	*518.07*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
		For Clear Aluminum Frames (Three Piece), Add	*468.56*	
		For Black Aluminum Frames (Three Piece), Add	*714.75*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,877.03	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,873.45*	
		For Type 316 Stainless Steel Frame, Add	*3,349.95*	
		For Baked Enamel Finish, Add	*519.81*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
		For Clear Aluminum Frames (Three Piece), Add	*468.56*	
		For Black Aluminum Frames (Three Piece), Add	*714.75*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,909.28	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*242.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*193.78*	
		For Type 304 Stainless Steel Frame, Add	*2,921.38*	
		For Type 316 Stainless Steel Frame, Add	*3,405.82*	
		For Baked Enamel Finish, Add	*528.61*	
		For 18 Gauge Frame, Deduct	*-161.48*	
		For 14 Gauge Frame, Add	*403.70*	
		For 12 Gauge Frame, Add	*613.63*	
		For Clear Aluminum Frames (Three Piece), Add	*476.37*	
		For Black Aluminum Frames (Three Piece), Add	*726.66*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,941.53	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*246.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.95*	
		For Type 304 Stainless Steel Frame, Add	*2,969.33*	
		For Type 316 Stainless Steel Frame, Add	*3,461.72*	
		For Baked Enamel Finish, Add	*537.42*	
		For 18 Gauge Frame, Deduct	*-164.13*	
		For 14 Gauge Frame, Add	*410.32*	
		For 12 Gauge Frame, Add	*623.69*	
		For Clear Aluminum Frames (Three Piece), Add	*484.18*	
		For Black Aluminum Frames (Three Piece), Add	*738.58*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,053.18	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*262.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*209.66*	
		For Type 304 Stainless Steel Frame, Add	*3,160.19*	
		For Type 316 Stainless Steel Frame, Add	*3,684.34*	
		For Baked Enamel Finish, Add	*570.05*	
		For 18 Gauge Frame, Deduct	*-174.72*	
		For 14 Gauge Frame, Add	*436.79*	
		For 12 Gauge Frame, Add	*663.92*	
		For Clear Aluminum Frames (Three Piece), Add	*515.41*	
		For Black Aluminum Frames (Three Piece), Add	*786.22*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,164.84	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*277.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*222.37*	
		For Type 304 Stainless Steel Frame, Add	*3,351.10*	
		For Type 316 Stainless Steel Frame, Add	*3,907.02*	
		For Baked Enamel Finish, Add	*602.69*	
		For 18 Gauge Frame, Deduct	*-185.31*	
		For 14 Gauge Frame, Add	*463.27*	
		For 12 Gauge Frame, Add	*704.16*	
		For Clear Aluminum Frames (Three Piece), Add	*546.65*	
		For Black Aluminum Frames (Three Piece), Add	*833.88*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*		
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,248.93	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*161.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*129.09*	
		For Type 304 Stainless Steel Frame, Add	*1,944.94*	
		For Type 316 Stainless Steel Frame, Add	*2,267.65*	
		For Baked Enamel Finish, Add	*348.70*	
		For 18 Gauge Frame, Deduct	*-107.57*	
		For 14 Gauge Frame, Add	*268.93*	
		For 12 Gauge Frame, Add	*408.77*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,471.13	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*192.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*153.67*	
		For Type 304 Stainless Steel Frame, Add	*2,314.61*	
		For Type 316 Stainless Steel Frame, Add	*2,698.79*	
		For Baked Enamel Finish, Add	*412.76*	
		For 18 Gauge Frame, Deduct	*-128.06*	
		For 14 Gauge Frame, Add	*320.15*	
		For 12 Gauge Frame, Add	*486.63*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,503.18	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,352.07*	
		For Type 316 Stainless Steel Frame, Add	*2,742.39*	
		For Baked Enamel Finish, Add	*420.64*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,520.50	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,352.93*	
		For Type 316 Stainless Steel Frame, Add	*2,743.26*	
		For Baked Enamel Finish, Add	*423.24*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,546.76	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.59*	
		For Type 304 Stainless Steel Frame, Add	*2,390.10*	
		For Type 316 Stainless Steel Frame, Add	*2,786.58*	
		For Baked Enamel Finish, Add	*430.25*	
		For 18 Gauge Frame, Deduct	*-132.16*	
		For 14 Gauge Frame, Add	*330.40*	
		For 12 Gauge Frame, Add	*502.20*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,573.03	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.05*	
		For Type 304 Stainless Steel Frame, Add	*2,427.27*	
		For Type 316 Stainless Steel Frame, Add	*2,829.90*	
		For Baked Enamel Finish, Add	*437.27*	
		For 18 Gauge Frame, Deduct	*-134.21*	
		For 14 Gauge Frame, Add	*335.52*	
		For 12 Gauge Frame, Add	*509.99*	
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,676.77	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,593.81*	
		For Type 316 Stainless Steel Frame, Add	*3,024.09*	
		For Baked Enamel Finish, Add	*466.66*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,688.32	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,594.39*	
		For Type 316 Stainless Steel Frame, Add	*3,024.67*	
		For Baked Enamel Finish, Add	*468.39*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,751.09	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.26*	
		For Type 304 Stainless Steel Frame, Add	*2,687.18*	
		For Type 316 Stainless Steel Frame, Add	*3,132.83*	
		For Baked Enamel Finish, Add	*485.49*	
		For 18 Gauge Frame, Deduct	*-148.55*	
		For 14 Gauge Frame, Add	*371.38*	
		For 12 Gauge Frame, Add	*564.49*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,813.87	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,779.95*	
		For Type 316 Stainless Steel Frame, Add	*3,240.97*	
		For Baked Enamel Finish, Add	*502.59*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,825.41	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,780.53*	
		For Type 316 Stainless Steel Frame, Add	*3,241.55*	
		For Baked Enamel Finish, Add	*504.32*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,856.80	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.48*	
		For Type 304 Stainless Steel Frame, Add	*2,826.92*	
		For Type 316 Stainless Steel Frame, Add	*3,295.62*	
		For Baked Enamel Finish, Add	*512.87*	
		For 18 Gauge Frame, Deduct	*-156.23*	
		For 14 Gauge Frame, Add	*390.58*	
		For 12 Gauge Frame, Add	*593.69*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,888.18	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.55*	
		For Type 304 Stainless Steel Frame, Add	*2,873.30*	
		For Type 316 Stainless Steel Frame, Add	*3,349.69*	
		For Baked Enamel Finish, Add	*521.42*	
		For 18 Gauge Frame, Deduct	*-158.79*	
		For 14 Gauge Frame, Add	*396.99*	
		For 12 Gauge Frame, Add	*603.42*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,996.40	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*253.56*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*202.85*	
		For Type 304 Stainless Steel Frame, Add	*3,057.99*	
		For Type 316 Stainless Steel Frame, Add	*3,565.10*	
		For Baked Enamel Finish, Add	*553.02*	
		For 18 Gauge Frame, Deduct	*-169.04*	
		For 14 Gauge Frame, Add	*422.60*	
		For 12 Gauge Frame, Add	*642.34*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,104.62	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*215.14*	
		For Type 304 Stainless Steel Frame, Add	*3,242.70*	
		For Type 316 Stainless Steel Frame, Add	*3,780.55*	
		For Baked Enamel Finish, Add	*584.62*	
		For 18 Gauge Frame, Deduct	*-179.28*	
		For 14 Gauge Frame, Add	*448.21*	
		For 12 Gauge Frame, Add	*681.28*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,368.45	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*179.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*143.43*	
		For Type 304 Stainless Steel Frame, Add	*2,160.08*	
		For Type 316 Stainless Steel Frame, Add	*2,518.64*	
		For Baked Enamel Finish, Add	*384.55*	
		For 18 Gauge Frame, Deduct	*-119.52*	
		For 14 Gauge Frame, Add	*298.81*	
		For 12 Gauge Frame, Add	*454.19*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,613.42	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*213.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*170.75*	
		For Type 304 Stainless Steel Frame, Add	*2,570.73*	
		For Type 316 Stainless Steel Frame, Add	*2,997.60*	
		For Baked Enamel Finish, Add	*455.45*	
		For 18 Gauge Frame, Deduct	*-142.29*	
		For 14 Gauge Frame, Add	*355.72*	
		For 12 Gauge Frame, Add	*540.70*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,647.74	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,612.27*	
		For Type 316 Stainless Steel Frame, Add	*3,045.97*	
		For Baked Enamel Finish, Add	*464.01*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,665.06	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,613.14*	
		For Type 316 Stainless Steel Frame, Add	*3,046.84*	
		For Baked Enamel Finish, Add	*466.61*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,693.60	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*220.26*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*176.21*	
		For Type 304 Stainless Steel Frame, Add	*2,654.42*	
		For Type 316 Stainless Steel Frame, Add	*3,094.94*	
		For Baked Enamel Finish, Add	*474.30*	
		For 18 Gauge Frame, Deduct	*-146.84*	
		For 14 Gauge Frame, Add	*367.11*	
		For 12 Gauge Frame, Add	*558.00*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,722.15	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.94*	
		For Type 304 Stainless Steel Frame, Add	*2,695.69*	
		For Type 316 Stainless Steel Frame, Add	*3,143.05*	
		For Baked Enamel Finish, Add	*482.00*	
		For 18 Gauge Frame, Deduct	*-149.12*	
		For 14 Gauge Frame, Add	*372.80*	
		For 12 Gauge Frame, Add	*566.65*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,836.14	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,880.68*	
		For Type 316 Stainless Steel Frame, Add	*3,358.77*	
		For Baked Enamel Finish, Add	*514.47*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,847.69	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,881.25*	
		For Type 316 Stainless Steel Frame, Add	*3,359.35*	
		For Baked Enamel Finish, Add	*516.20*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,916.14	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*247.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*198.07*	
		For Type 304 Stainless Steel Frame, Add	*2,984.27*	
		For Type 316 Stainless Steel Frame, Add	*3,479.43*	
		For Baked Enamel Finish, Add	*535.00*	
		For 18 Gauge Frame, Deduct	*-165.06*	
		For 14 Gauge Frame, Add	*412.64*	
		For 12 Gauge Frame, Add	*627.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,984.62	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.30*	
		For Type 316 Stainless Steel Frame, Add	*3,599.54*	
		For Baked Enamel Finish, Add	*553.81*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,996.16	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.88*	
		For Type 316 Stainless Steel Frame, Add	*3,600.12*	
		For Baked Enamel Finish, Add	*555.54*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,030.39	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*260.39*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*208.31*	
		For Type 304 Stainless Steel Frame, Add	*3,139.38*	
		For Type 316 Stainless Steel Frame, Add	*3,660.16*	
		For Baked Enamel Finish, Add	*564.95*	
		For 18 Gauge Frame, Deduct	*-173.59*	
		For 14 Gauge Frame, Add	*433.98*	
		For 12 Gauge Frame, Add	*659.65*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,064.62	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*264.66*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*211.73*	
		For Type 304 Stainless Steel Frame, Add	*3,190.90*	
		For Type 316 Stainless Steel Frame, Add	*3,720.21*	
		For Baked Enamel Finish, Add	*574.35*	
		For 18 Gauge Frame, Deduct	*-176.44*	
		For 14 Gauge Frame, Add	*441.10*	
		For 12 Gauge Frame, Add	*670.46*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,184.21	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.73*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.38*	
		For Type 304 Stainless Steel Frame, Add	*3,396.04*	
		For Type 316 Stainless Steel Frame, Add	*3,959.50*	
		For Baked Enamel Finish, Add	*609.36*	
		For 18 Gauge Frame, Deduct	*-187.82*	
		For 14 Gauge Frame, Add	*469.55*	
		For 12 Gauge Frame, Add	*713.71*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,303.82	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*298.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*239.04*	
		For Type 304 Stainless Steel Frame, Add	*3,601.26*	
		For Type 316 Stainless Steel Frame, Add	*4,198.87*	
		For Baked Enamel Finish, Add	*644.38*	
		For 18 Gauge Frame, Deduct	*-199.20*	
		For 14 Gauge Frame, Add	*498.01*	
		For 12 Gauge Frame, Add	*756.98*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,298.96	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*168.86*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*135.09*	
		For Type 304 Stainless Steel Frame, Add	*2,034.99*	
		For Type 316 Stainless Steel Frame, Add	*2,372.72*	
		For Baked Enamel Finish, Add	*363.71*	
		For 18 Gauge Frame, Deduct	*-112.57*	
		For 14 Gauge Frame, Add	*281.44*	
		For 12 Gauge Frame, Add	*427.78*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,530.69	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.82*	
		For Type 304 Stainless Steel Frame, Add	*2,421.81*	
		For Type 316 Stainless Steel Frame, Add	*2,823.86*	
		For Baked Enamel Finish, Add	*430.63*	
		For 18 Gauge Frame, Deduct	*-134.02*	
		For 14 Gauge Frame, Add	*335.04*	
		For 12 Gauge Frame, Add	*509.26*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,563.70	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,461.00*	
		For Type 316 Stainless Steel Frame, Add	*2,869.49*	
		For Baked Enamel Finish, Add	*438.80*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,581.02	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,461.87*	
		For Type 316 Stainless Steel Frame, Add	*2,870.35*	
		For Baked Enamel Finish, Add	*441.39*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,608.23	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.97*	
		For Type 304 Stainless Steel Frame, Add	*2,500.75*	
		For Type 316 Stainless Steel Frame, Add	*2,915.66*	
		For Baked Enamel Finish, Add	*448.69*	
		For 18 Gauge Frame, Deduct	*-138.31*	
		For 14 Gauge Frame, Add	*345.76*	
		For 12 Gauge Frame, Add	*525.56*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,635.45	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*210.67*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*168.54*	
		For Type 304 Stainless Steel Frame, Add	*2,539.63*	
		For Type 316 Stainless Steel Frame, Add	*2,960.98*	
		For Baked Enamel Finish, Add	*455.99*	
		For 18 Gauge Frame, Deduct	*-140.45*	
		For 14 Gauge Frame, Add	*351.12*	
		For 12 Gauge Frame, Add	*533.71*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,743.48	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,713.89*	
		For Type 316 Stainless Steel Frame, Add	*3,164.18*	
		For Baked Enamel Finish, Add	*486.67*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,755.03	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,714.47*	
		For Type 316 Stainless Steel Frame, Add	*3,164.76*	
		For Baked Enamel Finish, Add	*488.40*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,820.18	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*233.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*186.55*	
		For Type 304 Stainless Steel Frame, Add	*2,811.54*	
		For Type 316 Stainless Steel Frame, Add	*3,277.92*	
		For Baked Enamel Finish, Add	*506.22*	
		For 18 Gauge Frame, Deduct	*-155.46*	
		For 14 Gauge Frame, Add	*388.65*	
		For 12 Gauge Frame, Add	*590.74*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,885.35	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,908.62*	
		For Type 316 Stainless Steel Frame, Add	*3,391.08*	
		For Baked Enamel Finish, Add	*524.03*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,896.89	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,909.19*	
		For Type 316 Stainless Steel Frame, Add	*3,391.65*	
		For Baked Enamel Finish, Add	*525.76*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,929.47	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*245.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.20*	
		For Type 304 Stainless Steel Frame, Add	*2,957.72*	
		For Type 316 Stainless Steel Frame, Add	*3,448.22*	
		For Baked Enamel Finish, Add	*534.67*	
		For 18 Gauge Frame, Deduct	*-163.50*	
		For 14 Gauge Frame, Add	*408.75*	
		For 12 Gauge Frame, Add	*621.30*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,962.04	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*249.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*199.42*	
		For Type 304 Stainless Steel Frame, Add	*3,006.25*	
		For Type 316 Stainless Steel Frame, Add	*3,504.79*	
		For Baked Enamel Finish, Add	*543.58*	
		For 18 Gauge Frame, Deduct	*-166.18*	
		For 14 Gauge Frame, Add	*415.45*	
		For 12 Gauge Frame, Add	*631.48*	
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,075.02	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*265.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*212.28*	
		For Type 304 Stainless Steel Frame, Add	*3,199.50*	
		For Type 316 Stainless Steel Frame, Add	*3,730.20*	
		For Baked Enamel Finish, Add	*576.60*	
		For 18 Gauge Frame, Deduct	*-176.90*	
		For 14 Gauge Frame, Add	*442.25*	
		For 12 Gauge Frame, Add	*672.22*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,188.01	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.15*	
		For Type 304 Stainless Steel Frame, Add	*3,392.80*	
		For Type 316 Stainless Steel Frame, Add	*3,955.67*	
		For Baked Enamel Finish, Add	*609.64*	
		For 18 Gauge Frame, Deduct	*-187.62*	
		For 14 Gauge Frame, Add	*469.06*	
		For 12 Gauge Frame, Add	*712.97*	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,424.04	86.60
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.62*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*150.10*	
		For Type 304 Stainless Steel Frame, Add	*2,260.14*	
		For Type 316 Stainless Steel Frame, Add	*2,635.38*	
		For Baked Enamel Finish, Add	*401.23*	
		For 18 Gauge Frame, Deduct	*-125.08*	
		For 14 Gauge Frame, Add	*312.71*	
		For 12 Gauge Frame, Add	*475.31*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,679.60	95.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.69*	
		For Type 304 Stainless Steel Frame, Add	*2,689.85*	
		For Type 316 Stainless Steel Frame, Add	*3,136.57*	
		For Baked Enamel Finish, Add	*475.30*	
		For 18 Gauge Frame, Deduct	*-148.91*	
		For 14 Gauge Frame, Add	*372.27*	
		For 12 Gauge Frame, Add	*565.85*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,714.98	101.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,733.31*	
		For Type 316 Stainless Steel Frame, Add	*3,187.17*	
		For Baked Enamel Finish, Add	*484.18*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,732.30	109.71
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,734.17*	
		For Type 316 Stainless Steel Frame, Add	*3,188.04*	
		For Baked Enamel Finish, Add	*486.78*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,761.90	112.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,777.36*	
		For Type 316 Stainless Steel Frame, Add	*3,238.37*	
		For Baked Enamel Finish, Add	*494.79*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,791.51	115.47
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.08*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.27*	
		For Type 304 Stainless Steel Frame, Add	*2,820.54*	
		For Type 316 Stainless Steel Frame, Add	*3,288.70*	
		For Baked Enamel Finish, Add	*502.81*	
		For 18 Gauge Frame, Deduct	*-156.06*	
		For 14 Gauge Frame, Add	*390.14*	
		For 12 Gauge Frame, Add	*593.01*	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,910.26	121.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,014.09*	
		For Type 316 Stainless Steel Frame, Add	*3,514.42*	
		For Baked Enamel Finish, Add	*536.70*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,921.81	127.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,014.67*	
		For Type 316 Stainless Steel Frame, Add	*3,515.00*	
		For Baked Enamel Finish, Add	*538.44*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,992.91	132.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*259.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*207.28*	
		For Type 304 Stainless Steel Frame, Add	*3,122.46*	
		For Type 316 Stainless Steel Frame, Add	*3,640.65*	
		For Baked Enamel Finish, Add	*558.03*	
		For 18 Gauge Frame, Deduct	*-172.73*	
		For 14 Gauge Frame, Add	*431.83*	
		For 12 Gauge Frame, Add	*656.38*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,064.03	138.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.24*	
		For Type 316 Stainless Steel Frame, Add	*3,766.31*	
		For Baked Enamel Finish, Add	*577.64*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,075.57	144.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.82*	
		For Type 316 Stainless Steel Frame, Add	*3,766.88*	
		For Baked Enamel Finish, Add	*579.37*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,111.14	147.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*272.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*218.00*	
		For Type 304 Stainless Steel Frame, Add	*3,284.73*	
		For Type 316 Stainless Steel Frame, Add	*3,829.73*	
		For Baked Enamel Finish, Add	*589.17*	
		For 18 Gauge Frame, Deduct	*-181.67*	
		For 14 Gauge Frame, Add	*454.17*	
		For 12 Gauge Frame, Add	*690.33*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,146.69	150.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*276.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*221.57*	
		For Type 304 Stainless Steel Frame, Add	*3,338.62*	
		For Type 316 Stainless Steel Frame, Add	*3,892.56*	
		For Baked Enamel Finish, Add	*598.97*	
		For 18 Gauge Frame, Deduct	*-184.65*	
		For 14 Gauge Frame, Add	*461.61*	
		For 12 Gauge Frame, Add	*701.65*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,271.57	153.01
		For Auxiliary Frame Reinforcement For Hinges, Add	*294.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*235.87*	
		For Type 304 Stainless Steel Frame, Add	*3,553.29*	
		For Type 316 Stainless Steel Frame, Add	*4,142.96*	
		For Baked Enamel Finish, Add	*635.57*	
		For 18 Gauge Frame, Deduct	*-196.56*	
		For 14 Gauge Frame, Add	*491.39*	
		For 12 Gauge Frame, Add	*746.91*	
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,396.48	155.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*312.71*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*250.16*	
		For Type 304 Stainless Steel Frame, Add	*3,768.05*	
		For Type 316 Stainless Steel Frame, Add	*4,393.46*	
		For Baked Enamel Finish, Add	*672.18*	
		For 18 Gauge Frame, Deduct	*-208.47*	
		For 14 Gauge Frame, Add	*521.18*	
		For 12 Gauge Frame, Add	*792.19*	

08 12 13 13-0166 Sidelights And Transoms *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0167 Fixed Steel Transoms *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	133.57	16.17
		For Movable Frame, Add	*26.71*	
		For 18 Gauge Frame, Deduct	*-10.12*	
		For 14 Gauge Frame, Add	*25.31*	
		For 12 Gauge Frame, Add	*38.47*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	139.70	16.75
		For Movable Frame, Add	*27.94*	
		For 18 Gauge Frame, Deduct	*-10.62*	
		For 14 Gauge Frame, Add	*26.56*	
		For 12 Gauge Frame, Add	*40.36*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	146.22	17.32
		For Movable Frame, Add	*29.24*	
		For 18 Gauge Frame, Deduct	*-11.16*	
		For 14 Gauge Frame, Add	*27.89*	
		For 12 Gauge Frame, Add	*42.40*	

08 12 13 13-0171 Operable Steel Transom Sash *(08 12 13 13-0166)*

Note: Includes hardware.

08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	201.96	16.17
		For 18 Gauge Frame, Deduct	*-16.96*	
		For 14 Gauge Frame, Add	*42.41*	
		For 12 Gauge Frame, Add	*64.46*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	211.61	16.75
		For 18 Gauge Frame, Deduct	*-17.81*	
		For 14 Gauge Frame, Add	*44.53*	
		For 12 Gauge Frame, Add	*67.69*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	221.67	17.32
		For 18 Gauge Frame, Deduct	*-18.70*	
		For 14 Gauge Frame, Add	*46.76*	
		For 12 Gauge Frame, Add	*71.07*	

08 12 13 13-0175 Sidelights, Steel Frame *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	141.11	16.17
		For 18 Gauge Frame, Deduct	*-10.88*	
		For 14 Gauge Frame, Add	*27.20*	
		For 12 Gauge Frame, Add	*41.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	147.72	16.75
		For 18 Gauge Frame, Deduct	*-11.42*	
		For 14 Gauge Frame, Add	*28.56*	
		For 12 Gauge Frame, Add	*43.41*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	154.57	17.32
		For 18 Gauge Frame, Deduct	*-11.99*	
		For 14 Gauge Frame, Add	*29.98*	
		For 12 Gauge Frame, Add	*45.57*	

08 12 13 13-0179 Sundry Hollow Metal Frame Sections *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0180 16 Gauge, Hollow Metal Frame Vertical Mullions *(08 12 13 13-0179)*

08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.38	6.46
		For 18 Gauge Frame, Deduct	*-1.81*	
		For 14 Gauge Frame, Add	*4.53*	
		For 12 Gauge Frame, Add	*6.89*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.11	6.46
		For 18 Gauge Frame, Deduct	*-1.89*	
		For 14 Gauge Frame, Add	*4.71*	
		For 12 Gauge Frame, Add	*7.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.86	6.70
		For 18 Gauge Frame, Deduct	*-1.81*	
		For 14 Gauge Frame, Add	*4.53*	
		For 12 Gauge Frame, Add	*6.89*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.99	6.70
		For 18 Gauge Frame, Deduct	*-1.93*	
		For 14 Gauge Frame, Add	*4.81*	
		For 12 Gauge Frame, Add	*7.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.13	6.82
		For 18 Gauge Frame, Deduct	*-1.90*	
		For 14 Gauge Frame, Add	*4.76*	
		For 12 Gauge Frame, Add	*7.23*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.57	6.82
		For 18 Gauge Frame, Deduct	*-1.95*	
		For 14 Gauge Frame, Add	*4.87*	
		For 12 Gauge Frame, Add	*7.39*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0187 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0179)*

08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.32	6.46
		For 18 Gauge Frame, Deduct	*-0.91*	
		For 14 Gauge Frame, Add	*2.27*	
		For 12 Gauge Frame, Add	*3.44*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.24	6.46
		For 18 Gauge Frame, Deduct	*-1.00*	
		For 14 Gauge Frame, Add	*2.50*	
		For 12 Gauge Frame, Add	*3.79*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.80	6.70
		For 18 Gauge Frame, Deduct	*-0.91*	
		For 14 Gauge Frame, Add	*2.27*	
		For 12 Gauge Frame, Add	*3.44*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.72	6.70
		For 18 Gauge Frame, Deduct	*-1.00*	
		For 14 Gauge Frame, Add	*2.50*	
		For 12 Gauge Frame, Add	*3.79*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.62	6.82
		For 18 Gauge Frame, Deduct	*-0.95*	
		For 14 Gauge Frame, Add	*2.38*	
		For 12 Gauge Frame, Add	*3.61*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.43	6.82
		For 18 Gauge Frame, Deduct	*-1.03*	
		For 14 Gauge Frame, Add	*2.58*	
		For 12 Gauge Frame, Add	*3.92*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0194		16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0179)*		
08 12 13 13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	832.19	45.26
		For 18 Gauge Frame, Deduct	*-71.90*	
		For 14 Gauge Frame, Add	*179.76*	
		For 12 Gauge Frame, Add	*273.23*	
08 12 13 13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	860.87	45.26
		For 18 Gauge Frame, Deduct	*-74.77*	
		For 14 Gauge Frame, Add	*186.93*	
		For 12 Gauge Frame, Add	*284.13*	
08 12 13 13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	951.39	47.34
		For 18 Gauge Frame, Deduct	*-83.48*	
		For 14 Gauge Frame, Add	*208.69*	
		For 12 Gauge Frame, Add	*317.21*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	976.99	47.34
		For 18 Gauge Frame, Deduct	*-86.04*	
		For 14 Gauge Frame, Add	*215.09*	
		For 12 Gauge Frame, Add	*326.94*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,102.47	48.50
		For 18 Gauge Frame, Deduct	*-98.12*	
		For 14 Gauge Frame, Add	*245.31*	
		For 12 Gauge Frame, Add	*372.86*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,119.89	48.50
		For 18 Gauge Frame, Deduct	*-99.86*	
		For 14 Gauge Frame, Add	*249.66*	
		For 12 Gauge Frame, Add	*379.48*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0201		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0202	EA	For 1' Extension Of New Door Frame	32.52	
08 12 16		**Aluminum Frames** *(08 12)*		
08 12 16 00-0001		Aluminum Door Frames *(08 12 16)*		
08 12 16 00-0002		4-7/8" Deep, Aluminum Door Frames *(08 12 16 00-0001)*		
08 12 16 00-0003	EA	2'-10" x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	679.47	112.59
08 12 16 00-0004	EA	3' x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	692.29	115.47
08 12 16 00-0005	EA	3'-4" x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	735.52	121.25
08 12 16 00-0006	EA	3'-6" x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	747.07	127.03
08 12 16 00-0007	EA	4' x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	776.22	132.80
08 12 16 00-0008	EA	6' x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	720.12	150.12
08 12 16 00-0009	EA	7' x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	752.99	153.01
08 12 16 00-0010	EA	8' x 6'-8" Through 7'-2" High, 4-7/8" Deep, Aluminum Door Frame	1,259.90	155.90
08 12 16 00-0011		5-1/4" Deep, Aluminum Door Frames *(08 12 16 00-0001)*		
08 12 16 00-0012	EA	2'-10" x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	729.94	112.59
08 12 16 00-0013	EA	3' x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	743.55	115.47
08 12 16 00-0014	EA	3'-4" x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	790.30	121.25
08 12 16 00-0015	EA	3'-6" x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	801.85	127.03
08 12 16 00-0016	EA	4' x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	832.96	132.80
08 12 16 00-0017	EA	6' x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	906.74	150.12
08 12 16 00-0018	EA	7' x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	951.65	153.01
08 12 16 00-0019	EA	8' x 6'-8" Through 7'-2" High, 5-1/4" Deep, Aluminum Door Frame	996.54	155.90

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Riverside University HEALTH SYSTEM

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy-Duty; 16 Gauge, Level 3 Extra Heavy-Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	544.72	63.51
		For Galvanized Steel Door, Add	*83.54*	
		For Type 304 Stainless Steel Door, Add	*334.15*	
		For Type 316 Stainless Steel Door, Add	*543.00*	
		For Embossed Panel Door, Add	*100.25*	
		For Baked Enamel Finish, Add	*144.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-44.03*	
		For Polystyrene Core, Add	*41.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*104.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*52.21*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	544.72	63.51
		For Galvanized Steel Door, Add	*83.54*	
		For Type 304 Stainless Steel Door, Add	*334.15*	
		For Type 316 Stainless Steel Door, Add	*543.00*	
		For Embossed Panel Door, Add	*100.25*	
		For Baked Enamel Finish, Add	*144.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-44.03*	
		For Polystyrene Core, Add	*41.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*104.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*52.21*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	559.04	66.40
		For Galvanized Steel Door, Add	*85.25*	
		For Type 304 Stainless Steel Door, Add	*340.99*	
		For Type 316 Stainless Steel Door, Add	*554.11*	
		For Embossed Panel Door, Add	*102.30*	
		For Baked Enamel Finish, Add	*147.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.27*	
		For >100, Deduct	*-45.25*	
		For Polystyrene Core, Add	*42.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*106.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.28*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	565.40	66.40
		For Galvanized Steel Door, Add	*86.52*	
		For Type 304 Stainless Steel Door, Add	*346.08*	
		For Type 316 Stainless Steel Door, Add	*562.38*	
		For Embossed Panel Door, Add	*103.82*	
		For Baked Enamel Finish, Add	*149.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.59*	
		For >100, Deduct	*-45.73*	
		For Polystyrene Core, Add	*43.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*108.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	570.83	67.85
		For Galvanized Steel Door, Add	*87.03*	
		For Type 304 Stainless Steel Door, Add	*348.11*	
		For Type 316 Stainless Steel Door, Add	*565.68*	
		For Embossed Panel Door, Add	*104.43*	
		For Baked Enamel Finish, Add	*150.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.93*	
		For >100, Deduct	*-46.20*	
		For Polystyrene Core, Add	*43.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*108.79*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.39*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	576.26	69.28
		For Galvanized Steel Door, Add	*87.54*	
		For Type 304 Stainless Steel Door, Add	*350.15*	
		For Type 316 Stainless Steel Door, Add	*569.00*	
		For Embossed Panel Door, Add	*105.05*	
		For Baked Enamel Finish, Add	*152.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.28*	
		For >100, Deduct	*-46.68*	
		For Polystyrene Core, Add	*43.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.42*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.71*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	609.34	69.28
		For Galvanized Steel Door, Add	*94.15*	
		For Type 304 Stainless Steel Door, Add	*376.62*	
		For Type 316 Stainless Steel Door, Add	*612.00*	
		For Embossed Panel Door, Add	*112.98*	
		For Baked Enamel Finish, Add	*162.02*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.93*	
		For >100, Deduct	*-49.16*	
		For Polystyrene Core, Add	*47.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.69*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.85*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	627.83	72.17
		For Galvanized Steel Door, Add	*96.70*	
		For Type 304 Stainless Steel Door, Add	*386.79*	
		For Type 316 Stainless Steel Door, Add	*628.54*	
		For Embossed Panel Door, Add	*116.04*	
		For Baked Enamel Finish, Add	*166.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.00*	
		For >100, Deduct	*-50.70*	
		For Polystyrene Core, Add	*48.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.44*	
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	690.29	77.95
		For Galvanized Steel Door, Add	*106.88*	
		For Type 304 Stainless Steel Door, Add	*427.51*	
		For Type 316 Stainless Steel Door, Add	*694.71*	
		For Embossed Panel Door, Add	*128.25*	
		For Baked Enamel Finish, Add	*183.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.41*	
		For >100, Deduct	*-55.67*	
		For Polystyrene Core, Add	*53.44*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.80*	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	555.67	63.51
		For Galvanized Steel Door, Add	*85.73*	
		For Type 304 Stainless Steel Door, Add	*342.91*	
		For Type 316 Stainless Steel Door, Add	*557.23*	
		For Embossed Panel Door, Add	*102.87*	
		For Baked Enamel Finish, Add	*147.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.96*	
		For >100, Deduct	*-44.85*	
		For Polystyrene Core, Add	*42.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*107.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.58*	
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	555.67	63.51
		For Galvanized Steel Door, Add	*85.73*	
		For Type 304 Stainless Steel Door, Add	*342.91*	
		For Type 316 Stainless Steel Door, Add	*557.23*	
		For Embossed Panel Door, Add	*102.87*	
		For Baked Enamel Finish, Add	*147.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-30.96*	
		For >100, Deduct	*-44.85*	
		For Polystyrene Core, Add	*42.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*107.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*53.58*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	570.20	66.40
		For Galvanized Steel Door, Add	*87.48*	
		For Type 304 Stainless Steel Door, Add	*349.92*	
		For Type 316 Stainless Steel Door, Add	*568.62*	
		For Embossed Panel Door, Add	*104.98*	
		For Baked Enamel Finish, Add	*151.14*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.83*	
		For >100, Deduct	*-46.09*	
		For Polystyrene Core, Add	*43.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.68*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	576.73	66.40
		For Galvanized Steel Door, Add	*88.79*	
		For Type 304 Stainless Steel Door, Add	*355.14*	
		For Type 316 Stainless Steel Door, Add	*577.11*	
		For Embossed Panel Door, Add	*106.54*	
		For Baked Enamel Finish, Add	*153.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.16*	
		For >100, Deduct	*-46.57*	
		For Polystyrene Core, Add	*44.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*110.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.49*	
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	582.23	67.85
		For Galvanized Steel Door, Add	*89.31*	
		For Type 304 Stainless Steel Door, Add	*357.23*	
		For Type 316 Stainless Steel Door, Add	*580.50*	
		For Embossed Panel Door, Add	*107.17*	
		For Baked Enamel Finish, Add	*154.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.50*	
		For >100, Deduct	*-47.06*	
		For Polystyrene Core, Add	*44.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*111.64*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	587.73	69.28
		For Galvanized Steel Door, Add	*89.83*	
		For Type 304 Stainless Steel Door, Add	*359.33*	
		For Type 316 Stainless Steel Door, Add	*583.91*	
		For Embossed Panel Door, Add	*107.80*	
		For Baked Enamel Finish, Add	*155.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.85*	
		For >100, Deduct	*-47.54*	
		For Polystyrene Core, Add	*44.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.15*	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	621.67	69.28
		For Galvanized Steel Door, Add	*96.62*	
		For Type 304 Stainless Steel Door, Add	*386.48*	
		For Type 316 Stainless Steel Door, Add	*628.03*	
		For Embossed Panel Door, Add	*115.94*	
		For Baked Enamel Finish, Add	*165.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.55*	
		For >100, Deduct	*-50.09*	
		For Polystyrene Core, Add	*48.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.78*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.39*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	640.50	72.17
		For Galvanized Steel Door, Add	*99.23*	
		For Type 304 Stainless Steel Door, Add	*396.93*	
		For Type 316 Stainless Steel Door, Add	*645.01*	
		For Embossed Panel Door, Add	*119.08*	
		For Baked Enamel Finish, Add	*170.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.63*	
		For >100, Deduct	*-51.65*	
		For Polystyrene Core, Add	*49.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*124.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.02*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	704.29	77.95
		For Galvanized Steel Door, Add	*109.68*	
		For Type 304 Stainless Steel Door, Add	*438.71*	
		For Type 316 Stainless Steel Door, Add	*712.91*	
		For Embossed Panel Door, Add	*131.61*	
		For Baked Enamel Finish, Add	*187.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.11*	
		For >100, Deduct	*-56.72*	
		For Polystyrene Core, Add	*54.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*137.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*68.55*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	566.30	63.51
		For Galvanized Steel Door, Add	*87.85*	
		For Type 304 Stainless Steel Door, Add	*351.42*	
		For Type 316 Stainless Steel Door, Add	*571.05*	
		For Embossed Panel Door, Add	*105.42*	
		For Baked Enamel Finish, Add	*150.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.49*	
		For >100, Deduct	*-45.65*	
		For Polystyrene Core, Add	*43.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	566.30	63.51
		For Galvanized Steel Door, Add	*87.85*	
		For Type 304 Stainless Steel Door, Add	*351.42*	
		For Type 316 Stainless Steel Door, Add	*571.05*	
		For Embossed Panel Door, Add	*105.42*	
		For Baked Enamel Finish, Add	*150.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.49*	
		For >100, Deduct	*-45.65*	
		For Polystyrene Core, Add	*43.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*109.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*54.91*	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	581.05	66.40
		For Galvanized Steel Door, Add	*89.65*	
		For Type 304 Stainless Steel Door, Add	*358.60*	
		For Type 316 Stainless Steel Door, Add	*582.73*	
		For Embossed Panel Door, Add	*107.58*	
		For Baked Enamel Finish, Add	*154.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.37*	
		For >100, Deduct	*-46.90*	
		For Polystyrene Core, Add	*44.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.06*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.03*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	587.74	66.40
		For Galvanized Steel Door, Add	*90.99*	
		For Type 304 Stainless Steel Door, Add	*363.95*	
		For Type 316 Stainless Steel Door, Add	*591.42*	
		For Embossed Panel Door, Add	*109.19*	
		For Baked Enamel Finish, Add	*156.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.71*	
		For >100, Deduct	*-47.40*	
		For Polystyrene Core, Add	*45.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*113.74*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.87*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	593.30	67.85
		For Galvanized Steel Door, Add	*91.52*	
		For Type 304 Stainless Steel Door, Add	*366.09*	
		For Type 316 Stainless Steel Door, Add	*594.89*	
		For Embossed Panel Door, Add	*109.83*	
		For Baked Enamel Finish, Add	*157.64*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.06*	
		For >100, Deduct	*-47.89*	
		For Polystyrene Core, Add	*45.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*114.40*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.20*	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	598.86	69.28
		For Galvanized Steel Door, Add	*92.06*	
		For Type 304 Stainless Steel Door, Add	*368.23*	
		For Type 316 Stainless Steel Door, Add	*598.38*	
		For Embossed Panel Door, Add	*110.47*	
		For Baked Enamel Finish, Add	*158.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.41*	
		For >100, Deduct	*-48.38*	
		For Polystyrene Core, Add	*46.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.07*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	633.65	69.28
		For Galvanized Steel Door, Add	*99.02*	
		For Type 304 Stainless Steel Door, Add	*396.06*	
		For Type 316 Stainless Steel Door, Add	*643.60*	
		For Embossed Panel Door, Add	*118.82*	
		For Baked Enamel Finish, Add	*169.31*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.15*	
		For >100, Deduct	*-50.99*	
		For Polystyrene Core, Add	*49.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.77*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.89*	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	652.81	72.17
		For Galvanized Steel Door, Add	*101.69*	
		For Type 304 Stainless Steel Door, Add	*406.78*	
		For Type 316 Stainless Steel Door, Add	*661.01*	
		For Embossed Panel Door, Add	*122.03*	
		For Baked Enamel Finish, Add	*174.19*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.25*	
		For >100, Deduct	*-52.57*	
		For Polystyrene Core, Add	*50.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.56*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	717.89	77.95
		For Galvanized Steel Door, Add	*112.40*	
		For Type 304 Stainless Steel Door, Add	*449.59*	
		For Type 316 Stainless Steel Door, Add	*730.59*	
		For Embossed Panel Door, Add	*134.88*	
		For Baked Enamel Finish, Add	*191.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.79*	
		For >100, Deduct	*-57.74*	
		For Polystyrene Core, Add	*56.20*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.50*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.25*	

08 13 13 13-0032 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	578.52	63.51
		For Galvanized Steel Door, Add	*90.30*	
		For Type 304 Stainless Steel Door, Add	*361.19*	
		For Type 316 Stainless Steel Door, Add	*586.94*	
		For Embossed Panel Door, Add	*108.36*	
		For Baked Enamel Finish, Add	*154.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.10*	
		For >100, Deduct	*-46.56*	
		For 2" Thick Door, Add	*35.91*	
		For Polystyrene Core, Add	*45.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.44*	
		For Steel Stiffened, Add	*112.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	578.52	63.51
		For Galvanized Steel Door, Add	*90.30*	
		For Type 304 Stainless Steel Door, Add	*361.19*	
		For Type 316 Stainless Steel Door, Add	*586.94*	
		For Embossed Panel Door, Add	*108.36*	
		For Baked Enamel Finish, Add	*154.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.10*	
		For >100, Deduct	*-46.56*	
		For 2" Thick Door, Add	*35.91*	
		For Polystyrene Core, Add	*45.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*112.87*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.44*	
		For Steel Stiffened, Add	*112.87*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	593.52	66.40
		For Galvanized Steel Door, Add	*92.14*	
		For Type 304 Stainless Steel Door, Add	*368.58*	
		For Type 316 Stainless Steel Door, Add	*598.94*	
		For Embossed Panel Door, Add	*110.57*	
		For Baked Enamel Finish, Add	*158.14*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.00*	
		For >100, Deduct	*-47.83*	
		For 2" Thick Door, Add	*36.72*	
		For Polystyrene Core, Add	*46.07*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.18*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.59*	
		For Steel Stiffened, Add	*115.18*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	600.40	66.40
		For Galvanized Steel Door, Add	*93.52*	
		For Type 304 Stainless Steel Door, Add	*374.08*	
		For Type 316 Stainless Steel Door, Add	*607.88*	
		For Embossed Panel Door, Add	*112.22*	
		For Baked Enamel Finish, Add	*160.20*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.34*	
		For >100, Deduct	*-48.35*	
		For 2" Thick Door, Add	*37.22*	
		For Polystyrene Core, Add	*46.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.90*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.45*	
		For Steel Stiffened, Add	*116.90*	
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	606.03	67.85
		For Galvanized Steel Door, Add	*94.07*	
		For Type 304 Stainless Steel Door, Add	*376.27*	
		For Type 316 Stainless Steel Door, Add	*611.44*	
		For Embossed Panel Door, Add	*112.88*	
		For Baked Enamel Finish, Add	*161.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.69*	
		For >100, Deduct	*-48.84*	
		For 2" Thick Door, Add	*37.49*	
		For Polystyrene Core, Add	*47.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.79*	
		For Steel Stiffened, Add	*117.59*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	611.67	69.28
		For Galvanized Steel Door, Add	*94.62*	
		For Type 304 Stainless Steel Door, Add	*378.48*	
		For Type 316 Stainless Steel Door, Add	*615.03*	
		For Embossed Panel Door, Add	*113.54*	
		For Baked Enamel Finish, Add	*162.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.05*	
		For >100, Deduct	*-49.34*	
		For 2" Thick Door, Add	*37.76*	
		For Polystyrene Core, Add	*47.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.28*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.14*	
		For Steel Stiffened, Add	*118.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	647.42	69.28
		For Galvanized Steel Door, Add	*101.77*	
		For Type 304 Stainless Steel Door, Add	*407.08*	
		For Type 316 Stainless Steel Door, Add	*661.51*	
		For Embossed Panel Door, Add	*122.12*	
		For Baked Enamel Finish, Add	*173.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.84*	
		For >100, Deduct	*-52.02*	
		For 2" Thick Door, Add	*40.36*	
		For Polystyrene Core, Add	*50.89*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.61*	
		For Steel Stiffened, Add	*127.21*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	666.95	72.17
		For Galvanized Steel Door, Add	*104.52*	
		For Type 304 Stainless Steel Door, Add	*418.09*	
		For Type 316 Stainless Steel Door, Add	*679.39*	
		For Embossed Panel Door, Add	*125.43*	
		For Baked Enamel Finish, Add	*178.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.96*	
		For >100, Deduct	*-53.63*	
		For 2" Thick Door, Add	*41.50*	
		For Polystyrene Core, Add	*52.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*130.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.33*	
		For Steel Stiffened, Add	*130.65*	
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	733.52	77.95
		For Galvanized Steel Door, Add	*115.52*	
		For Type 304 Stainless Steel Door, Add	*462.10*	
		For Type 316 Stainless Steel Door, Add	*750.91*	
		For Embossed Panel Door, Add	*138.63*	
		For Baked Enamel Finish, Add	*196.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.57*	
		For >100, Deduct	*-58.91*	
		For 2" Thick Door, Add	*45.77*	
		For Polystyrene Core, Add	*57.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*144.41*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.20*	
		For Steel Stiffened, Add	*144.41*	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	589.23	63.51
		For Galvanized Steel Door, Add	*92.44*	
		For Type 304 Stainless Steel Door, Add	*369.76*	
		For Type 316 Stainless Steel Door, Add	*600.86*	
		For Embossed Panel Door, Add	*110.93*	
		For Baked Enamel Finish, Add	*157.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.64*	
		For >100, Deduct	*-47.37*	
		For 2" Thick Door, Add	*36.69*	
		For Polystyrene Core, Add	*46.22*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.55*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.78*	
		For Steel Stiffened, Add	*115.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	589.23	63.51
		For Galvanized Steel Door, Add	*92.44*	
		For Type 304 Stainless Steel Door, Add	*369.76*	
		For Type 316 Stainless Steel Door, Add	*600.86*	
		For Embossed Panel Door, Add	*110.93*	
		For Baked Enamel Finish, Add	*157.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.64*	
		For >100, Deduct	*-47.37*	
		For 2" Thick Door, Add	*36.69*	
		For Polystyrene Core, Add	*46.22*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.55*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.78*	
		For Steel Stiffened, Add	*115.55*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	604.45	66.40
		For Galvanized Steel Door, Add	*94.33*	
		For Type 304 Stainless Steel Door, Add	*377.32*	
		For Type 316 Stainless Steel Door, Add	*613.15*	
		For Embossed Panel Door, Add	*113.20*	
		For Baked Enamel Finish, Add	*161.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.54*	
		For >100, Deduct	*-48.65*	
		For 2" Thick Door, Add	*37.51*	
		For Polystyrene Core, Add	*47.17*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.96*	
		For Steel Stiffened, Add	*117.91*	
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	611.49	66.40
		For Galvanized Steel Door, Add	*95.74*	
		For Type 304 Stainless Steel Door, Add	*382.95*	
		For Type 316 Stainless Steel Door, Add	*622.30*	
		For Embossed Panel Door, Add	*114.89*	
		For Baked Enamel Finish, Add	*163.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.89*	
		For >100, Deduct	*-49.18*	
		For 2" Thick Door, Add	*38.03*	
		For Polystyrene Core, Add	*47.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.67*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.84*	
		For Steel Stiffened, Add	*119.67*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	617.20	67.85
		For Galvanized Steel Door, Add	*96.30*	
		For Type 304 Stainless Steel Door, Add	*385.21*	
		For Type 316 Stainless Steel Door, Add	*625.96*	
		For Embossed Panel Door, Add	*115.56*	
		For Baked Enamel Finish, Add	*164.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.25*	
		For >100, Deduct	*-49.68*	
		For 2" Thick Door, Add	*38.30*	
		For Polystyrene Core, Add	*48.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.38*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.19*	
		For Steel Stiffened, Add	*120.38*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	622.89	69.28
		For Galvanized Steel Door, Add	*96.86*	
		For Type 304 Stainless Steel Door, Add	*387.46*	
		For Type 316 Stainless Steel Door, Add	*629.62*	
		For Embossed Panel Door, Add	*116.24*	
		For Baked Enamel Finish, Add	*166.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-50.18*	
		For 2" Thick Door, Add	*38.58*	
		For Polystyrene Core, Add	*48.43*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*121.08*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.54*	
		For Steel Stiffened, Add	*121.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	659.50	69.28
		For Galvanized Steel Door, Add	*104.19*	
		For Type 304 Stainless Steel Door, Add	*416.74*	
		For Type 316 Stainless Steel Door, Add	*677.21*	
		For Embossed Panel Door, Add	*125.02*	
		For Baked Enamel Finish, Add	*177.06*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.44*	
		For >100, Deduct	*-52.93*	
		For 2" Thick Door, Add	*41.23*	
		For Polystyrene Core, Add	*52.09*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*130.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.12*	
		For Steel Stiffened, Add	*130.23*	
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	679.35	72.17
		For Galvanized Steel Door, Add	*107.00*	
		For Type 304 Stainless Steel Door, Add	*428.01*	
		For Type 316 Stainless Steel Door, Add	*695.51*	
		For Embossed Panel Door, Add	*128.40*	
		For Baked Enamel Finish, Add	*182.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.58*	
		For >100, Deduct	*-54.56*	
		For 2" Thick Door, Add	*42.40*	
		For Polystyrene Core, Add	*53.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.88*	
		For Steel Stiffened, Add	*133.75*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	747.23	77.95
		For Galvanized Steel Door, Add	*118.27*	
		For Type 304 Stainless Steel Door, Add	*473.06*	
		For Type 316 Stainless Steel Door, Add	*768.73*	
		For Embossed Panel Door, Add	*141.92*	
		For Baked Enamel Finish, Add	*200.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.26*	
		For >100, Deduct	*-59.94*	
		For 2" Thick Door, Add	*46.77*	
		For Polystyrene Core, Add	*59.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*147.83*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.92*	
		For Steel Stiffened, Add	*147.83*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	599.95	63.51
		For Galvanized Steel Door, Add	*94.58*	
		For Type 304 Stainless Steel Door, Add	*378.34*	
		For Type 316 Stainless Steel Door, Add	*614.80*	
		For Embossed Panel Door, Add	*113.50*	
		For Baked Enamel Finish, Add	*160.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-48.17*	
		For 2" Thick Door, Add	*37.46*	
		For Polystyrene Core, Add	*47.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.12*	
		For Steel Stiffened, Add	*118.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	599.95	63.51
		For Galvanized Steel Door, Add	*94.58*	
		For Type 304 Stainless Steel Door, Add	*378.34*	
		For Type 316 Stainless Steel Door, Add	*614.80*	
		For Embossed Panel Door, Add	*113.50*	
		For Baked Enamel Finish, Add	*160.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-48.17*	
		For 2" Thick Door, Add	*37.46*	
		For Polystyrene Core, Add	*47.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.12*	
		For Steel Stiffened, Add	*118.23*	
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	615.39	66.40
		For Galvanized Steel Door, Add	*96.52*	
		For Type 304 Stainless Steel Door, Add	*386.07*	
		For Type 316 Stainless Steel Door, Add	*627.37*	
		For Embossed Panel Door, Add	*115.82*	
		For Baked Enamel Finish, Add	*164.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.09*	
		For >100, Deduct	*-49.47*	
		For 2" Thick Door, Add	*38.31*	
		For Polystyrene Core, Add	*48.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.32*	
		For Steel Stiffened, Add	*120.65*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	622.59	66.40
		For Galvanized Steel Door, Add	*97.96*	
		For Type 304 Stainless Steel Door, Add	*391.83*	
		For Type 316 Stainless Steel Door, Add	*636.73*	
		For Embossed Panel Door, Add	*117.55*	
		For Baked Enamel Finish, Add	*166.86*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.45*	
		For >100, Deduct	*-50.01*	
		For 2" Thick Door, Add	*38.83*	
		For Polystyrene Core, Add	*48.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.22*	
		For Steel Stiffened, Add	*122.45*	
08 13 13 13-0058	EA	2'-10" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	628.37	67.85
		For Galvanized Steel Door, Add	*98.54*	
		For Type 304 Stainless Steel Door, Add	*394.14*	
		For Type 316 Stainless Steel Door, Add	*640.48*	
		For Embossed Panel Door, Add	*118.24*	
		For Baked Enamel Finish, Add	*168.16*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.81*	
		For >100, Deduct	*-50.52*	
		For 2" Thick Door, Add	*39.11*	
		For Polystyrene Core, Add	*49.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.17*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.59*	
		For Steel Stiffened, Add	*123.17*	
08 13 13 13-0059	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	634.12	69.28
		For Galvanized Steel Door, Add	*99.11*	
		For Type 304 Stainless Steel Door, Add	*396.44*	
		For Type 316 Stainless Steel Door, Add	*644.22*	
		For Embossed Panel Door, Add	*118.93*	
		For Baked Enamel Finish, Add	*169.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.17*	
		For >100, Deduct	*-51.02*	
		For 2" Thick Door, Add	*39.39*	
		For Polystyrene Core, Add	*49.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.94*	
		For Steel Stiffened, Add	*123.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	671.58	69.28
		For Galvanized Steel Door, Add	*106.60*	
		For Type 304 Stainless Steel Door, Add	*426.41*	
		For Type 316 Stainless Steel Door, Add	*692.91*	
		For Embossed Panel Door, Add	*127.92*	
		For Baked Enamel Finish, Add	*180.69*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.04*	
		For >100, Deduct	*-53.83*	
		For 2" Thick Door, Add	*42.11*	
		For Polystyrene Core, Add	*53.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*133.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.63*	
		For Steel Stiffened, Add	*133.25*	
08 13 13 13-0061	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	691.75	72.17
		For Galvanized Steel Door, Add	*109.48*	
		For Type 304 Stainless Steel Door, Add	*437.93*	
		For Type 316 Stainless Steel Door, Add	*711.63*	
		For Embossed Panel Door, Add	*131.38*	
		For Baked Enamel Finish, Add	*185.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.20*	
		For >100, Deduct	*-55.49*	
		For 2" Thick Door, Add	*43.30*	
		For Polystyrene Core, Add	*54.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*136.85*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*68.43*	
		For Steel Stiffened, Add	*136.85*	
08 13 13 13-0062	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	760.94	77.95
		For Galvanized Steel Door, Add	*121.01*	
		For Type 304 Stainless Steel Door, Add	*484.03*	
		For Type 316 Stainless Steel Door, Add	*786.55*	
		For Embossed Panel Door, Add	*145.21*	
		For Baked Enamel Finish, Add	*204.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.94*	
		For >100, Deduct	*-60.97*	
		For 2" Thick Door, Add	*47.76*	
		For Polystyrene Core, Add	*60.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*151.26*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*75.63*	
		For Steel Stiffened, Add	*151.26*	

08 13 13 13-0063 8' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0064	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	688.33	63.51
		For Up To 1' Extra Height, Add	*155.31*	
		For 1' To 1'-6" Extra Height, Add	*296.31*	
		For Galvanized Steel Door, Add	*112.26*	
		For Type 304 Stainless Steel Door, Add	*449.04*	
		For Type 316 Stainless Steel Door, Add	*729.69*	
		For Embossed Panel Door, Add	*134.71*	
		For Baked Enamel Finish, Add	*187.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.59*	
		For >100, Deduct	*-54.80*	
		For 2" Thick Door, Add	*43.87*	
		For Polystyrene Core, Add	*56.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.16*	
		For Steel Stiffened, Add	*140.33*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	688.33	63.51
		For Up To 1' Extra Height, Add	*155.31*	
		For 1' To 1'-6" Extra Height, Add	*296.31*	
		For Galvanized Steel Door, Add	*112.26*	
		For Type 304 Stainless Steel Door, Add	*449.04*	
		For Type 316 Stainless Steel Door, Add	*729.69*	
		For Embossed Panel Door, Add	*134.71*	
		For Baked Enamel Finish, Add	*187.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.59*	
		For >100, Deduct	*-54.80*	
		For 2" Thick Door, Add	*43.87*	
		For Polystyrene Core, Add	*56.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*140.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.16*	
		For Steel Stiffened, Add	*140.33*	
08 13 13 13-0066	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	705.58	66.40
		For Up To 1' Extra Height, Add	*158.49*	
		For 1' To 1'-6" Extra Height, Add	*302.37*	
		For Galvanized Steel Door, Add	*114.56*	
		For Type 304 Stainless Steel Door, Add	*458.22*	
		For Type 316 Stainless Steel Door, Add	*744.61*	
		For Embossed Panel Door, Add	*137.47*	
		For Baked Enamel Finish, Add	*191.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.60*	
		For >100, Deduct	*-56.24*	
		For 2" Thick Door, Add	*44.85*	
		For Polystyrene Core, Add	*57.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*143.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*71.60*	
		For Steel Stiffened, Add	*143.20*	
08 13 13 13-0067	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	714.13	66.40
		For Up To 1' Extra Height, Add	*160.85*	
		For 1' To 1'-6" Extra Height, Add	*306.88*	
		For Galvanized Steel Door, Add	*116.27*	
		For Type 304 Stainless Steel Door, Add	*465.06*	
		For Type 316 Stainless Steel Door, Add	*755.73*	
		For Embossed Panel Door, Add	*139.52*	
		For Baked Enamel Finish, Add	*194.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.03*	
		For >100, Deduct	*-56.88*	
		For 2" Thick Door, Add	*45.47*	
		For Polystyrene Core, Add	*58.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*145.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.67*	
		For Steel Stiffened, Add	*145.33*	
08 13 13 13-0068	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	720.44	67.85
		For Up To 1' Extra Height, Add	*161.80*	
		For 1' To 1'-6" Extra Height, Add	*308.69*	
		For Galvanized Steel Door, Add	*116.95*	
		For Type 304 Stainless Steel Door, Add	*467.80*	
		For Type 316 Stainless Steel Door, Add	*760.18*	
		For Embossed Panel Door, Add	*140.34*	
		For Baked Enamel Finish, Add	*195.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-57.43*	
		For 2" Thick Door, Add	*45.79*	
		For Polystyrene Core, Add	*58.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*146.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.09*	
		For Steel Stiffened, Add	*146.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0069	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	726.74	69.28
		For Up To 1' Extra Height, Add	*162.75*	
		For 1' To 1'-6" Extra Height, Add	*310.49*	
		For Galvanized Steel Door, Add	*117.63*	
		For Type 304 Stainless Steel Door, Add	*470.54*	
		For Type 316 Stainless Steel Door, Add	*764.62*	
		For Embossed Panel Door, Add	*141.16*	
		For Baked Enamel Finish, Add	*197.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.80*	
		For >100, Deduct	*-57.97*	
		For 2" Thick Door, Add	*46.11*	
		For Polystyrene Core, Add	*58.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*147.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*73.52*	
		For Steel Stiffened, Add	*147.04*	
08 13 13 13-0070	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	771.19	69.28
		For Up To 1' Extra Height, Add	*175.05*	
		For 1' To 1'-6" Extra Height, Add	*333.96*	
		For Galvanized Steel Door, Add	*126.52*	
		For Type 304 Stainless Steel Door, Add	*506.10*	
		For Type 316 Stainless Steel Door, Add	*822.41*	
		For Embossed Panel Door, Add	*151.83*	
		For Baked Enamel Finish, Add	*210.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.02*	
		For >100, Deduct	*-61.30*	
		For 2" Thick Door, Add	*49.33*	
		For Polystyrene Core, Add	*63.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*158.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*79.08*	
		For Steel Stiffened, Add	*158.16*	
08 13 13 13-0071	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	794.06	72.17
		For Up To 1' Extra Height, Add	*179.78*	
		For 1' To 1'-6" Extra Height, Add	*342.99*	
		For Galvanized Steel Door, Add	*129.94*	
		For Type 304 Stainless Steel Door, Add	*519.78*	
		For Type 316 Stainless Steel Door, Add	*844.64*	
		For Embossed Panel Door, Add	*155.93*	
		For Baked Enamel Finish, Add	*216.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.31*	
		For >100, Deduct	*-63.16*	
		For 2" Thick Door, Add	*50.71*	
		For Polystyrene Core, Add	*64.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*162.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.22*	
		For Steel Stiffened, Add	*162.43*	
08 13 13 13-0072	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	874.01	77.95
		For Up To 1' Extra Height, Add	*198.70*	
		For 1' To 1'-6" Extra Height, Add	*379.09*	
		For Galvanized Steel Door, Add	*143.62*	
		For Type 304 Stainless Steel Door, Add	*574.49*	
		For Type 316 Stainless Steel Door, Add	*933.54*	
		For Embossed Panel Door, Add	*172.35*	
		For Baked Enamel Finish, Add	*238.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.60*	
		For >100, Deduct	*-69.45*	
		For 2" Thick Door, Add	*55.96*	
		For Polystyrene Core, Add	*71.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.53*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*89.76*	
		For Steel Stiffened, Add	*179.53*	

08 13 13 13-0073 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0074 6'-8" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	752.34	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*250.12*	
		For Galvanized Steel Door, Add	*125.06*	
		For Type 304 Stainless Steel Door, Add	*500.25*	
		For Type 316 Stainless Steel Door, Add	*812.90*	
		For Embossed Panel Door, Add	*150.07*	
		For Baked Enamel Finish, Add	*206.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.79*	
		For >100, Deduct	*-59.60*	
		For 2" Thick Door, Add	*48.51*	
		For Polystyrene Core, Add	*62.53*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*156.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.16*	
		For Steel Stiffened, Add	*156.33*	
08 13 13 13-0076	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	752.34	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*250.12*	
		For Galvanized Steel Door, Add	*125.06*	
		For Type 304 Stainless Steel Door, Add	*500.25*	
		For Type 316 Stainless Steel Door, Add	*812.90*	
		For Embossed Panel Door, Add	*150.07*	
		For Baked Enamel Finish, Add	*206.65*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.79*	
		For >100, Deduct	*-59.60*	
		For 2" Thick Door, Add	*48.51*	
		For Polystyrene Core, Add	*62.53*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*156.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.16*	
		For Steel Stiffened, Add	*156.33*	
08 13 13 13-0077	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	770.90	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*255.24*	
		For Galvanized Steel Door, Add	*127.62*	
		For Type 304 Stainless Steel Door, Add	*510.48*	
		For Type 316 Stainless Steel Door, Add	*829.53*	
		For Embossed Panel Door, Add	*153.14*	
		For Baked Enamel Finish, Add	*211.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.87*	
		For >100, Deduct	*-61.14*	
		For 2" Thick Door, Add	*49.58*	
		For Polystyrene Core, Add	*63.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*159.53*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*79.76*	
		For Steel Stiffened, Add	*159.53*	
08 13 13 13-0078	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	780.42	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*259.05*	
		For Galvanized Steel Door, Add	*129.52*	
		For Type 304 Stainless Steel Door, Add	*518.10*	
		For Type 316 Stainless Steel Door, Add	*841.91*	
		For Embossed Panel Door, Add	*155.43*	
		For Baked Enamel Finish, Add	*214.21*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.34*	
		For >100, Deduct	*-61.85*	
		For 2" Thick Door, Add	*50.27*	
		For Polystyrene Core, Add	*64.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*161.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.95*	
		For Steel Stiffened, Add	*161.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	787.13	67.85
		For 14 Gauge, Level 4 Maximum Duty, Add	*260.58*	
		For Galvanized Steel Door, Add	*130.29*	
		For Type 304 Stainless Steel Door, Add	*521.15*	
		For Type 316 Stainless Steel Door, Add	*846.87*	
		For Embossed Panel Door, Add	*156.35*	
		For Baked Enamel Finish, Add	*215.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.75*	
		For >100, Deduct	*-62.43*	
		For 2" Thick Door, Add	*50.62*	
		For Polystyrene Core, Add	*65.14*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*162.86*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.43*	
		For Steel Stiffened, Add	*162.86*	
08 13 13 13-0080	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	793.81	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.10*	
		For Galvanized Steel Door, Add	*131.05*	
		For Type 304 Stainless Steel Door, Add	*524.19*	
		For Type 316 Stainless Steel Door, Add	*851.81*	
		For Embossed Panel Door, Add	*157.26*	
		For Baked Enamel Finish, Add	*217.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.15*	
		For >100, Deduct	*-63.00*	
		For 2" Thick Door, Add	*50.97*	
		For Polystyrene Core, Add	*65.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.81*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.91*	
		For Steel Stiffened, Add	*163.81*	
08 13 13 13-0081	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	843.34	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*281.91*	
		For Galvanized Steel Door, Add	*140.95*	
		For Type 304 Stainless Steel Door, Add	*563.82*	
		For Type 316 Stainless Steel Door, Add	*916.20*	
		For Embossed Panel Door, Add	*169.14*	
		For Baked Enamel Finish, Add	*232.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.63*	
		For >100, Deduct	*-66.71*	
		For 2" Thick Door, Add	*54.56*	
		For Polystyrene Core, Add	*70.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*176.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.10*	
		For Steel Stiffened, Add	*176.19*	
08 13 13 13-0082	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	868.15	72.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*289.52*	
		For Galvanized Steel Door, Add	*144.76*	
		For Type 304 Stainless Steel Door, Add	*579.05*	
		For Type 316 Stainless Steel Door, Add	*940.95*	
		For Embossed Panel Door, Add	*173.71*	
		For Baked Enamel Finish, Add	*238.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.02*	
		For >100, Deduct	*-68.72*	
		For 2" Thick Door, Add	*56.08*	
		For Polystyrene Core, Add	*72.38*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.48*	
		For Steel Stiffened, Add	*180.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0083	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	955.90	77.95
		For 14 Gauge, Level 4 Maximum Duty, Add	*320.00*	
		For Galvanized Steel Door, Add	*160.00*	
		For Type 304 Stainless Steel Door, Add	*640.00*	
		For Type 316 Stainless Steel Door, Add	*1,040.00*	
		For Embossed Panel Door, Add	*192.00*	
		For Baked Enamel Finish, Add	*263.39*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.69*	
		For >100, Deduct	*-75.59*	
		For 2" Thick Door, Add	*61.90*	
		For Polystyrene Core, Add	*80.00*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*200.00*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.00*	
		For Steel Stiffened, Add	*200.00*	

08 13 13 13-0084 7' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

08 13 13 13-0085	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	767.18	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*256.06*	
		For Galvanized Steel Door, Add	*128.03*	
		For Type 304 Stainless Steel Door, Add	*512.12*	
		For Type 316 Stainless Steel Door, Add	*832.20*	
		For Embossed Panel Door, Add	*153.64*	
		For Baked Enamel Finish, Add	*211.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.53*	
		For >100, Deduct	*-60.71*	
		For 2" Thick Door, Add	*49.59*	
		For Polystyrene Core, Add	*64.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.02*	
		For Steel Stiffened, Add	*160.04*	
08 13 13 13-0086	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	767.18	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*256.06*	
		For Galvanized Steel Door, Add	*128.03*	
		For Type 304 Stainless Steel Door, Add	*512.12*	
		For Type 316 Stainless Steel Door, Add	*832.20*	
		For Embossed Panel Door, Add	*153.64*	
		For Baked Enamel Finish, Add	*211.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.53*	
		For >100, Deduct	*-60.71*	
		For 2" Thick Door, Add	*49.59*	
		For Polystyrene Core, Add	*64.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.02*	
		For Steel Stiffened, Add	*160.04*	
08 13 13 13-0087	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	786.04	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*261.30*	
		For Galvanized Steel Door, Add	*130.65*	
		For Type 304 Stainless Steel Door, Add	*522.59*	
		For Type 316 Stainless Steel Door, Add	*849.21*	
		For Embossed Panel Door, Add	*156.78*	
		For Baked Enamel Finish, Add	*215.89*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.62*	
		For >100, Deduct	*-62.27*	
		For 2" Thick Door, Add	*50.68*	
		For Polystyrene Core, Add	*65.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.31*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.66*	
		For Steel Stiffened, Add	*163.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	795.79	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*265.20*	
		For Galvanized Steel Door, Add	*132.60*	
		For Type 304 Stainless Steel Door, Add	*530.39*	
		For Type 316 Stainless Steel Door, Add	*861.89*	
		For Embossed Panel Door, Add	*159.12*	
		For Baked Enamel Finish, Add	*218.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.11*	
		For >100, Deduct	*-63.00*	
		For 2" Thick Door, Add	*51.39*	
		For Polystyrene Core, Add	*66.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*165.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*82.87*	
		For Steel Stiffened, Add	*165.75*	
08 13 13 13-0089	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	802.58	67.85
		For 14 Gauge, Level 4 Maximum Duty, Add	*266.76*	
		For Galvanized Steel Door, Add	*133.38*	
		For Type 304 Stainless Steel Door, Add	*533.51*	
		For Type 316 Stainless Steel Door, Add	*866.96*	
		For Embossed Panel Door, Add	*160.05*	
		For Baked Enamel Finish, Add	*220.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.52*	
		For >100, Deduct	*-63.59*	
		For 2" Thick Door, Add	*51.74*	
		For Polystyrene Core, Add	*66.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*166.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.36*	
		For Steel Stiffened, Add	*166.72*	
08 13 13 13-0090	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	809.36	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*268.32*	
		For Galvanized Steel Door, Add	*134.16*	
		For Type 304 Stainless Steel Door, Add	*536.63*	
		For Type 316 Stainless Steel Door, Add	*872.03*	
		For Embossed Panel Door, Add	*160.99*	
		For Baked Enamel Finish, Add	*222.02*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.93*	
		For >100, Deduct	*-64.17*	
		For 2" Thick Door, Add	*52.10*	
		For Polystyrene Core, Add	*67.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*167.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.85*	
		For Steel Stiffened, Add	*167.70*	
08 13 13 13-0091	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	860.06	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*288.60*	
		For Galvanized Steel Door, Add	*144.30*	
		For Type 304 Stainless Steel Door, Add	*577.19*	
		For Type 316 Stainless Steel Door, Add	*937.94*	
		For Embossed Panel Door, Add	*173.16*	
		For Baked Enamel Finish, Add	*237.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.47*	
		For >100, Deduct	*-67.97*	
		For 2" Thick Door, Add	*55.77*	
		For Polystyrene Core, Add	*72.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.19*	
		For Steel Stiffened, Add	*180.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	885.33	72.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*296.40*	
		For Galvanized Steel Door, Add	*148.20*	
		For Type 304 Stainless Steel Door, Add	*592.79*	
		For Type 316 Stainless Steel Door, Add	*963.29*	
		For Embossed Panel Door, Add	*177.84*	
		For Baked Enamel Finish, Add	*243.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.88*	
		For >100, Deduct	*-70.01*	
		For 2" Thick Door, Add	*57.33*	
		For Polystyrene Core, Add	*74.10*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*185.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.62*	
		For Steel Stiffened, Add	*185.25*	
08 13 13 13-0093	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	974.89	77.95
		For 14 Gauge, Level 4 Maximum Duty, Add	*327.60*	
		For Galvanized Steel Door, Add	*163.80*	
		For Type 304 Stainless Steel Door, Add	*655.19*	
		For Type 316 Stainless Steel Door, Add	*1,064.69*	
		For Embossed Panel Door, Add	*196.56*	
		For Baked Enamel Finish, Add	*269.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.64*	
		For >100, Deduct	*-77.01*	
		For 2" Thick Door, Add	*63.27*	
		For Polystyrene Core, Add	*81.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*204.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*102.37*	
		For Steel Stiffened, Add	*204.75*	

08 13 13 13-0094 7'-2" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

08 13 13 13-0095	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	782.02	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.00*	
		For Galvanized Steel Door, Add	*131.00*	
		For Type 304 Stainless Steel Door, Add	*523.99*	
		For Type 316 Stainless Steel Door, Add	*851.49*	
		For Embossed Panel Door, Add	*157.20*	
		For Baked Enamel Finish, Add	*215.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.28*	
		For >100, Deduct	*-61.83*	
		For 2" Thick Door, Add	*50.66*	
		For Polystyrene Core, Add	*65.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.87*	
		For Steel Stiffened, Add	*163.75*	
08 13 13 13-0096	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	782.02	63.51
		For 14 Gauge, Level 4 Maximum Duty, Add	*262.00*	
		For Galvanized Steel Door, Add	*131.00*	
		For Type 304 Stainless Steel Door, Add	*523.99*	
		For Type 316 Stainless Steel Door, Add	*851.49*	
		For Embossed Panel Door, Add	*157.20*	
		For Baked Enamel Finish, Add	*215.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.28*	
		For >100, Deduct	*-61.83*	
		For 2" Thick Door, Add	*50.66*	
		For Polystyrene Core, Add	*65.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*163.75*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*81.87*	
		For Steel Stiffened, Add	*163.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	801.19	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*267.36*	
		For Galvanized Steel Door, Add	*133.68*	
		For Type 304 Stainless Steel Door, Add	*534.71*	
		For Type 316 Stainless Steel Door, Add	*868.91*	
		For Embossed Panel Door, Add	*160.41*	
		For Baked Enamel Finish, Add	*220.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-63.41*	
		For 2" Thick Door, Add	*51.78*	
		For Polystyrene Core, Add	*66.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*167.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.55*	
		For Steel Stiffened, Add	*167.10*	
08 13 13 13-0098	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	811.16	66.40
		For 14 Gauge, Level 4 Maximum Duty, Add	*271.34*	
		For Galvanized Steel Door, Add	*135.67*	
		For Type 304 Stainless Steel Door, Add	*542.69*	
		For Type 316 Stainless Steel Door, Add	*881.87*	
		For Embossed Panel Door, Add	*162.81*	
		For Baked Enamel Finish, Add	*223.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.88*	
		For >100, Deduct	*-64.16*	
		For 2" Thick Door, Add	*52.50*	
		For Polystyrene Core, Add	*67.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*169.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.80*	
		For Steel Stiffened, Add	*169.59*	
08 13 13 13-0099	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	818.05	67.85
		For 14 Gauge, Level 4 Maximum Duty, Add	*272.94*	
		For Galvanized Steel Door, Add	*136.47*	
		For Type 304 Stainless Steel Door, Add	*545.89*	
		For Type 316 Stainless Steel Door, Add	*887.07*	
		For Embossed Panel Door, Add	*163.77*	
		For Baked Enamel Finish, Add	*225.06*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.29*	
		For >100, Deduct	*-64.75*	
		For 2" Thick Door, Add	*52.86*	
		For Polystyrene Core, Add	*68.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*170.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.30*	
		For Steel Stiffened, Add	*170.59*	
08 13 13 13-0100	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	824.91	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*274.54*	
		For Galvanized Steel Door, Add	*137.27*	
		For Type 304 Stainless Steel Door, Add	*549.07*	
		For Type 316 Stainless Steel Door, Add	*892.24*	
		For Embossed Panel Door, Add	*164.72*	
		For Baked Enamel Finish, Add	*226.69*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-65.33*	
		For 2" Thick Door, Add	*53.22*	
		For Polystyrene Core, Add	*68.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*171.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.79*	
		For Steel Stiffened, Add	*171.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	876.79	69.28
		For 14 Gauge, Level 4 Maximum Duty, Add	*295.29*	
		For Galvanized Steel Door, Add	*147.64*	
		For Type 304 Stainless Steel Door, Add	*590.58*	
		For Type 316 Stainless Steel Door, Add	*959.69*	
		For Embossed Panel Door, Add	*177.17*	
		For Baked Enamel Finish, Add	*242.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.30*	
		For >100, Deduct	*-69.22*	
		For 2" Thick Door, Add	*56.99*	
		For Polystyrene Core, Add	*73.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*184.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.28*	
		For Steel Stiffened, Add	*184.56*	
08 13 13 13-0102	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	902.51	72.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*303.27*	
		For Galvanized Steel Door, Add	*151.63*	
		For Type 304 Stainless Steel Door, Add	*606.54*	
		For Type 316 Stainless Steel Door, Add	*985.62*	
		For Embossed Panel Door, Add	*181.96*	
		For Baked Enamel Finish, Add	*249.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.73*	
		For >100, Deduct	*-71.30*	
		For 2" Thick Door, Add	*58.58*	
		For Polystyrene Core, Add	*75.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*189.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.77*	
		For Steel Stiffened, Add	*189.54*	
08 13 13 13-0103	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	993.87	77.95
		For 14 Gauge, Level 4 Maximum Duty, Add	*335.19*	
		For Galvanized Steel Door, Add	*167.59*	
		For Type 304 Stainless Steel Door, Add	*670.38*	
		For Type 316 Stainless Steel Door, Add	*1,089.36*	
		For Embossed Panel Door, Add	*201.11*	
		For Baked Enamel Finish, Add	*274.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.59*	
		For >100, Deduct	*-78.44*	
		For 2" Thick Door, Add	*64.65*	
		For Polystyrene Core, Add	*83.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*209.49*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*104.75*	
		For Steel Stiffened, Add	*209.49*	

08 13 13 13-0104 8' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0073)*

08 13 13 13-0105	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	904.43	63.51
		For Up To 1' Extra Height, Add	*215.11*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*310.96*	
		For Galvanized Steel Door, Add	*155.48*	
		For Type 304 Stainless Steel Door, Add	*621.92*	
		For Type 316 Stainless Steel Door, Add	*1,010.62*	
		For Embossed Panel Door, Add	*186.58*	
		For Baked Enamel Finish, Add	*252.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.40*	
		For >100, Deduct	*-71.01*	
		For 2" Thick Door, Add	*59.54*	
		For Polystyrene Core, Add	*77.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.18*	
		For Steel Stiffened, Add	*194.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0106	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	904.43	63.51
		For Up To 1' Extra Height, Add	*215.11*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*310.96*	
		For Galvanized Steel Door, Add	*155.48*	
		For Type 304 Stainless Steel Door, Add	*621.92*	
		For Type 316 Stainless Steel Door, Add	*1,010.62*	
		For Embossed Panel Door, Add	*186.58*	
		For Baked Enamel Finish, Add	*252.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.40*	
		For >100, Deduct	*-71.01*	
		For 2" Thick Door, Add	*59.54*	
		For Polystyrene Core, Add	*77.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.35*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.18*	
		For Steel Stiffened, Add	*194.35*	
08 13 13 13-0107	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	926.10	66.40
		For Up To 1' Extra Height, Add	*219.51*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*317.32*	
		For Galvanized Steel Door, Add	*158.66*	
		For Type 304 Stainless Steel Door, Add	*634.64*	
		For Type 316 Stainless Steel Door, Add	*1,031.29*	
		For Embossed Panel Door, Add	*190.39*	
		For Baked Enamel Finish, Add	*257.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.63*	
		For >100, Deduct	*-72.78*	
		For 2" Thick Door, Add	*60.83*	
		For Polystyrene Core, Add	*79.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*198.33*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*99.16*	
		For Steel Stiffened, Add	*198.33*	
08 13 13 13-0108	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	937.94	66.40
		For Up To 1' Extra Height, Add	*222.78*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*322.06*	
		For Galvanized Steel Door, Add	*161.03*	
		For Type 304 Stainless Steel Door, Add	*644.11*	
		For Type 316 Stainless Steel Door, Add	*1,046.68*	
		For Embossed Panel Door, Add	*193.23*	
		For Baked Enamel Finish, Add	*261.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.22*	
		For >100, Deduct	*-73.67*	
		For 2" Thick Door, Add	*61.69*	
		For Polystyrene Core, Add	*80.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*201.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.64*	
		For Steel Stiffened, Add	*201.29*	
08 13 13 13-0109	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	945.57	67.85
		For Up To 1' Extra Height, Add	*224.09*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*323.95*	
		For Galvanized Steel Door, Add	*161.98*	
		For Type 304 Stainless Steel Door, Add	*647.90*	
		For Type 316 Stainless Steel Door, Add	*1,052.84*	
		For Embossed Panel Door, Add	*194.37*	
		For Baked Enamel Finish, Add	*263.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.67*	
		For >100, Deduct	*-74.31*	
		For 2" Thick Door, Add	*62.11*	
		For Polystyrene Core, Add	*80.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.47*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.24*	
		For Steel Stiffened, Add	*202.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	953.18	69.28
		For Up To 1' Extra Height, Add	*225.40*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*325.84*	
		For Galvanized Steel Door, Add	*162.92*	
		For Type 304 Stainless Steel Door, Add	*651.69*	
		For Type 316 Stainless Steel Door, Add	*1,058.99*	
		For Embossed Panel Door, Add	*195.51*	
		For Baked Enamel Finish, Add	*265.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.12*	
		For >100, Deduct	*-74.95*	
		For 2" Thick Door, Add	*62.52*	
		For Polystyrene Core, Add	*81.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*203.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*101.83*	
		For Steel Stiffened, Add	*203.65*	
08 13 13 13-0111	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,014.75	69.28
		For Up To 1' Extra Height, Add	*242.44*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*350.47*	
		For Galvanized Steel Door, Add	*175.24*	
		For Type 304 Stainless Steel Door, Add	*700.94*	
		For Type 316 Stainless Steel Door, Add	*1,139.03*	
		For Embossed Panel Door, Add	*210.28*	
		For Baked Enamel Finish, Add	*283.64*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.20*	
		For >100, Deduct	*-79.57*	
		For 2" Thick Door, Add	*66.99*	
		For Polystyrene Core, Add	*87.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*219.05*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*109.52*	
		For Steel Stiffened, Add	*219.05*	
08 13 13 13-0112	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,044.21	72.17
		For Up To 1' Extra Height, Add	*248.99*	
		For 1' To 1'-6" Extra Height, Add	*475.04*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*359.95*	
		For Galvanized Steel Door, Add	*179.97*	
		For Type 304 Stainless Steel Door, Add	*719.90*	
		For Type 316 Stainless Steel Door, Add	*1,169.83*	
		For Embossed Panel Door, Add	*215.97*	
		For Baked Enamel Finish, Add	*291.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.82*	
		For >100, Deduct	*-81.92*	
		For 2" Thick Door, Add	*68.85*	
		For Polystyrene Core, Add	*89.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*224.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*112.48*	
		For Steel Stiffened, Add	*224.97*	
08 13 13 13-0113	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,150.48	77.95
		For Up To 1' Extra Height, Add	*275.20*	
		For 1' To 1'-6" Extra Height, Add	*525.04*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*397.83*	
		For Galvanized Steel Door, Add	*198.92*	
		For Type 304 Stainless Steel Door, Add	*795.66*	
		For Type 316 Stainless Steel Door, Add	*1,292.95*	
		For Embossed Panel Door, Add	*238.70*	
		For Baked Enamel Finish, Add	*321.76*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.42*	
		For >100, Deduct	*-90.18*	
		For 2" Thick Door, Add	*76.00*	
		For Polystyrene Core, Add	*99.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*248.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*124.32*	
		For Steel Stiffened, Add	*248.65*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,674.58	144.34
		For 16 Gauge Door, Add	*20.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,757.34	173.22
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	757.13	86.60
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	870.23	92.38
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	983.32	98.16
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	1,197.97	103.93

08 13 76 Bifolding Metal Doors *(08 13)*

08 13 76 00-0001 Bi-Fold Metal Doors *(08 13 76)*

08 13 76 00-0002 Steel Full Louver Bi-Fold Doors *(08 13 76 00-0001)*

08 13 76 00-0003	EA	1'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	263.09	63.48
08 13 76 00-0004	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	285.20	69.24
08 13 76 00-0005	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	310.82	75.01
08 13 76 00-0006	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	349.16	86.55
08 13 76 00-0007	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	455.79	92.33
08 13 76 00-0008	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	497.85	98.10
08 13 76 00-0009	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	528.17	103.87

08 13 76 00-0010 Steel Half Louver, Half Panel Bi-Fold Doors *(08 13 76 00-0001)*

08 13 76 00-0011	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	299.28	69.24
08 13 76 00-0012	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	326.08	75.01
08 13 76 00-0013	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	358.55	86.55
08 13 76 00-0014	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	481.61	92.33
08 13 76 00-0015	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	516.63	98.10
08 13 76 00-0016	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	556.34	103.87

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	254.12	63.51
		For >25 To 50, Deduct	*-14.61*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.94*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	254.12	63.51
		For >25 To 50, Deduct	*-14.61*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.94*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	268.90	66.40
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-25.19*	
		For >100, Deduct	*-37.02*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	275.53	66.40
		For >25 To 50, Deduct	*-15.67*	
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-38.01*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	277.08	66.40
		For >25 To 50, Deduct	*-15.73*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-38.24*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.63	69.28
		For >25 To 50, Deduct	*-16.20*	
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-39.08*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.80	69.28
		For >25 To 50, Deduct	*-16.76*	
		For >50 To 100, Deduct	*-27.79*	
		For >100, Deduct	*-41.21*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.76	72.17
		For >25 To 50, Deduct	*-17.60*	
		For >50 To 100, Deduct	*-29.26*	
		For >100, Deduct	*-43.46*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.53	63.51
		For >25 To 50, Deduct	*-14.91*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.05*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.53	63.51
		For >25 To 50, Deduct	*-14.91*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	276.83	66.40
		For >25 To 50, Deduct	*-15.72*	
		For >50 To 100, Deduct	*-25.88*	
		For >100, Deduct	*-38.20*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.84	66.40
		For >25 To 50, Deduct	*-16.00*	
		For >50 To 100, Deduct	*-26.50*	
		For >100, Deduct	*-39.26*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.48	66.40
		For >25 To 50, Deduct	*-16.07*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-39.50*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	292.07	69.28
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-27.29*	
		For >100, Deduct	*-40.35*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.06	69.28
		For >25 To 50, Deduct	*-17.13*	
		For >50 To 100, Deduct	*-28.60*	
		For >100, Deduct	*-42.59*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	323.61	72.17
		For >25 To 50, Deduct	*-18.00*	
		For >50 To 100, Deduct	*-30.12*	
		For >100, Deduct	*-44.93*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.75	63.51
		For >25 To 50, Deduct	*-15.96*	
		For >50 To 100, Deduct	*-26.77*	
		For >100, Deduct	*-39.99*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.75	63.51
		For >25 To 50, Deduct	*-15.96*	
		For >50 To 100, Deduct	*-26.77*	
		For >100, Deduct	*-39.99*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.93	66.40
		For >25 To 50, Deduct	*-16.85*	
		For >50 To 100, Deduct	*-28.34*	
		For >100, Deduct	*-42.42*	
		For 9' Door Height, Add	*36.15*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.28	66.40
		For >25 To 50, Deduct	*-17.18*	
		For >50 To 100, Deduct	*-29.07*	
		For >100, Deduct	*-43.67*	
		For 9' Door Height, Add	*37.90*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	315.25	66.40
		For >25 To 50, Deduct	*-17.26*	
		For >50 To 100, Deduct	*-29.24*	
		For >100, Deduct	*-43.97*	
		For 9' Door Height, Add	*38.31*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	322.00	69.28
		For >25 To 50, Deduct	*-17.73*	
		For >50 To 100, Deduct	*-29.91*	
		For >100, Deduct	*-44.84*	
		For 9' Door Height, Add	*38.52*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	339.92	69.28
		For >25 To 50, Deduct	*-18.45*	
		For >50 To 100, Deduct	*-31.48*	
		For >100, Deduct	*-47.52*	
		For 9' Door Height, Add	*42.28*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	358.56	72.17
		For >25 To 50, Deduct	*-19.39*	
		For >50 To 100, Deduct	*-33.18*	
		For >100, Deduct	*-50.18*	
		For 9' Door Height, Add	*44.99*	

08 14 16 00-0027 Oak Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.47	63.51
		For >25 To 50, Deduct	*-19.82*	
		For >50 To 100, Deduct	*-35.23*	
		For >100, Deduct	*-54.49*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.47	63.51
		For >25 To 50, Deduct	*-19.82*	
		For >50 To 100, Deduct	*-35.23*	
		For >100, Deduct	*-54.49*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	408.48	66.40
		For >25 To 50, Deduct	*-20.99*	
		For >50 To 100, Deduct	*-37.40*	
		For >100, Deduct	*-57.95*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	421.91	66.40
		For >25 To 50, Deduct	*-21.52*	
		For >50 To 100, Deduct	*-38.58*	
		For >100, Deduct	*-59.97*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.27	66.40
		For >25 To 50, Deduct	*-21.62*	
		For >50 To 100, Deduct	*-38.78*	
		For >100, Deduct	*-60.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	432.41	69.28
		For >25 To 50, Deduct	*-22.15*	
		For >50 To 100, Deduct	*-39.57*	
		For >100, Deduct	*-61.40*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	461.06	69.28
		For >25 To 50, Deduct	*-23.29*	
		For >50 To 100, Deduct	*-42.07*	
		For >100, Deduct	*-65.69*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	487.49	72.17
		For >25 To 50, Deduct	*-24.55*	
		For >50 To 100, Deduct	*-44.46*	
		For >100, Deduct	*-69.52*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.44	63.51
		For >25 To 50, Deduct	*-20.42*	
		For >50 To 100, Deduct	*-36.54*	
		For >100, Deduct	*-56.74*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.44	63.51
		For >25 To 50, Deduct	*-20.42*	
		For >50 To 100, Deduct	*-36.54*	
		For >100, Deduct	*-56.74*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.53	66.40
		For >25 To 50, Deduct	*-21.63*	
		For >50 To 100, Deduct	*-38.81*	
		For >100, Deduct	*-60.36*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	438.73	66.40
		For >25 To 50, Deduct	*-22.20*	
		For >50 To 100, Deduct	*-40.05*	
		For >100, Deduct	*-62.49*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	441.22	66.40
		For >25 To 50, Deduct	*-22.30*	
		For >50 To 100, Deduct	*-40.27*	
		For >100, Deduct	*-62.86*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	449.49	69.28
		For >25 To 50, Deduct	*-22.83*	
		For >50 To 100, Deduct	*-41.06*	
		For >100, Deduct	*-63.96*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	479.83	69.28
		For >25 To 50, Deduct	*-24.04*	
		For >50 To 100, Deduct	*-43.72*	
		For >100, Deduct	*-68.51*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	507.45	72.17
		For >25 To 50, Deduct	*-25.35*	
		For >50 To 100, Deduct	*-46.21*	
		For >100, Deduct	*-72.51*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	452.58	63.51
		For >25 To 50, Deduct	*-22.55*	
		For >50 To 100, Deduct	*-41.19*	
		For >100, Deduct	*-64.71*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	452.58	63.51
		For >25 To 50, Deduct	*-22.55*	
		For >50 To 100, Deduct	*-41.19*	
		For >100, Deduct	*-64.71*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	481.41	66.40
		For >25 To 50, Deduct	*-23.90*	
		For >50 To 100, Deduct	*-43.78*	
		For >100, Deduct	*-68.89*	
		For 9' Door Height, Add	*73.21*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	498.37	66.40
		For >25 To 50, Deduct	*-24.58*	
		For >50 To 100, Deduct	*-45.27*	
		For >100, Deduct	*-71.44*	
		For 9' Door Height, Add	*76.77*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	501.38	66.40
		For >25 To 50, Deduct	*-24.70*	
		For >50 To 100, Deduct	*-45.53*	
		For >100, Deduct	*-71.89*	
		For 9' Door Height, Add	*77.40*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	510.12	69.28
		For >25 To 50, Deduct	*-25.25*	
		For >50 To 100, Deduct	*-46.37*	
		For >100, Deduct	*-73.05*	
		For 9' Door Height, Add	*78.03*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	546.39	69.28
		For >25 To 50, Deduct	*-26.71*	
		For >50 To 100, Deduct	*-49.54*	
		For >100, Deduct	*-78.49*	
		For 9' Door Height, Add	*85.64*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	578.28	72.17
		For >25 To 50, Deduct	*-28.18*	
		For >50 To 100, Deduct	*-52.40*	
		For >100, Deduct	*-83.13*	
		For 9' Door Height, Add	*91.13*	

08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	315.68	63.51
		For >25 To 50, Deduct	*-17.07*	
		For >50 To 100, Deduct	*-29.21*	
		For >100, Deduct	*-44.18*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	315.68	63.51
		For >25 To 50, Deduct	*-17.07*	
		For >50 To 100, Deduct	*-29.21*	
		For >100, Deduct	*-44.18*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	334.80	66.40
		For >25 To 50, Deduct	*-18.04*	
		For >50 To 100, Deduct	*-30.96*	
		For >100, Deduct	*-46.90*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	344.66	66.40
		For >25 To 50, Deduct	*-18.43*	
		For >50 To 100, Deduct	*-31.82*	
		For >100, Deduct	*-48.38*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	346.39	66.40
		For >25 To 50, Deduct	*-18.50*	
		For >50 To 100, Deduct	*-31.97*	
		For >100, Deduct	*-48.64*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.89	69.28
		For >25 To 50, Deduct	*-19.01*	
		For >50 To 100, Deduct	*-32.70*	
		For >100, Deduct	*-49.62*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	374.89	69.28
		For >25 To 50, Deduct	*-19.85*	
		For >50 To 100, Deduct	*-34.54*	
		For >100, Deduct	*-52.77*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	395.79	72.17
		For >25 To 50, Deduct	*-20.88*	
		For >50 To 100, Deduct	*-36.44*	
		For >100, Deduct	*-55.76*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	326.64	63.51
		For >25 To 50, Deduct	*-17.51*	
		For >50 To 100, Deduct	*-30.17*	
		For >100, Deduct	*-45.82*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	326.64	63.51
		For >25 To 50, Deduct	*-17.51*	
		For >50 To 100, Deduct	*-30.17*	
		For >100, Deduct	*-45.82*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	346.57	66.40
		For >25 To 50, Deduct	*-18.51*	
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-48.67*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.98	66.40
		For >25 To 50, Deduct	*-18.93*	
		For >50 To 100, Deduct	*-32.90*	
		For >100, Deduct	*-50.23*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	358.82	66.40
		For >25 To 50, Deduct	*-19.00*	
		For >50 To 100, Deduct	*-33.06*	
		For >100, Deduct	*-50.50*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	366.40	69.28
		For >25 To 50, Deduct	*-19.51*	
		For >50 To 100, Deduct	*-33.79*	
		For >100, Deduct	*-51.50*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	388.63	69.28
		For >25 To 50, Deduct	*-20.40*	
		For >50 To 100, Deduct	*-35.74*	
		For >100, Deduct	*-54.83*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	410.43	72.17
		For >25 To 50, Deduct	*-21.47*	
		For >50 To 100, Deduct	*-37.72*	
		For >100, Deduct	*-57.96*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.58	63.51
		For >25 To 50, Deduct	*-19.07*	
		For >50 To 100, Deduct	*-33.58*	
		For >100, Deduct	*-51.66*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.58	63.51
		For >25 To 50, Deduct	*-19.07*	
		For >50 To 100, Deduct	*-33.58*	
		For >100, Deduct	*-51.66*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	388.25	66.40
		For >25 To 50, Deduct	*-20.18*	
		For >50 To 100, Deduct	*-35.63*	
		For >100, Deduct	*-54.92*	
		For 9' Door Height, Add	*53.64*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	400.67	66.40
		For >25 To 50, Deduct	*-20.67*	
		For >50 To 100, Deduct	*-36.72*	
		For >100, Deduct	*-56.78*	
		For 9' Door Height, Add	*56.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	402.88	66.40
		For >25 To 50, Deduct	*-20.76*	
		For >50 To 100, Deduct	*-36.91*	
		For >100, Deduct	*-57.11*	
		For 9' Door Height, Add	*56.72*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	410.83	69.28
		For >25 To 50, Deduct	*-21.28*	
		For >50 To 100, Deduct	*-37.68*	
		For >100, Deduct	*-58.16*	
		For 9' Door Height, Add	*57.17*	
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	437.42	69.28
		For >25 To 50, Deduct	*-22.35*	
		For >50 To 100, Deduct	*-40.01*	
		For >100, Deduct	*-62.15*	
		For 9' Door Height, Add	*62.76*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	462.32	72.17
		For >25 To 50, Deduct	*-23.54*	
		For >50 To 100, Deduct	*-42.26*	
		For >100, Deduct	*-65.74*	
		For 9' Door Height, Add	*66.78*	
08 14 16 00-0077		**Lauan Faced Wood Doors** *(08 14 16 00-0001)*		
08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	218.41	63.51
		For >25 To 50, Deduct	*-13.18*	
		For >50 To 100, Deduct	*-20.70*	
		For >100, Deduct	*-29.59*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	218.41	63.51
		For >25 To 50, Deduct	*-13.18*	
		For >50 To 100, Deduct	*-20.70*	
		For >100, Deduct	*-29.59*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	230.37	66.40
		For >25 To 50, Deduct	*-13.86*	
		For >50 To 100, Deduct	*-21.82*	
		For >100, Deduct	*-31.24*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	235.60	66.40
		For >25 To 50, Deduct	*-14.07*	
		For >50 To 100, Deduct	*-22.28*	
		For >100, Deduct	*-32.02*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	237.44	66.40
		For >25 To 50, Deduct	*-14.15*	
		For >50 To 100, Deduct	*-22.44*	
		For >100, Deduct	*-32.30*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	245.06	69.28
		For >25 To 50, Deduct	*-14.65*	
		For >50 To 100, Deduct	*-23.17*	
		For >100, Deduct	*-33.29*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.24	69.28
		For >25 To 50, Deduct	*-15.06*	
		For >50 To 100, Deduct	*-24.07*	
		For >100, Deduct	*-34.82*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.49	72.17
		For >25 To 50, Deduct	*-15.79*	
		For >50 To 100, Deduct	*-25.30*	
		For >100, Deduct	*-36.67*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	223.72	63.51
		For >25 To 50, Deduct	*-13.39*	
		For >50 To 100, Deduct	*-21.16*	
		For >100, Deduct	*-30.38*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	227.58	63.51
		For >25 To 50, Deduct	*-13.55*	
		For >50 To 100, Deduct	*-21.50*	
		For >100, Deduct	*-30.96*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	236.05	66.40
		For >25 To 50, Deduct	*-14.09*	
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-32.09*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	241.58	66.40
		For >25 To 50, Deduct	*-14.31*	
		For >50 To 100, Deduct	*-22.80*	
		For >100, Deduct	*-32.92*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	247.96	66.40
		For >25 To 50, Deduct	*-14.57*	
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-33.87*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	251.25	69.28
		For >25 To 50, Deduct	*-14.90*	
		For >50 To 100, Deduct	*-23.72*	
		For >100, Deduct	*-34.22*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.03	69.28
		For >25 To 50, Deduct	*-15.33*	
		For >50 To 100, Deduct	*-24.66*	
		For >100, Deduct	*-35.84*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	280.96	72.17
		For >25 To 50, Deduct	*-16.29*	
		For >50 To 100, Deduct	*-26.39*	
		For >100, Deduct	*-38.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.59	63.51
		For >25 To 50, Deduct	*-14.15*	
		For >50 To 100, Deduct	*-22.81*	
		For >100, Deduct	*-33.21*	
		For 9' Door Height, Add	*24.27*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.56	63.51
		For >25 To 50, Deduct	*-14.15*	
		For >50 To 100, Deduct	*-22.81*	
		For >100, Deduct	*-33.21*	
		For 9' Door Height, Add	*24.26*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	256.19	66.40
		For >25 To 50, Deduct	*-14.90*	
		For >50 To 100, Deduct	*-24.08*	
		For >100, Deduct	*-35.11*	
		For 9' Door Height, Add	*25.91*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.78	66.40
		For >25 To 50, Deduct	*-15.16*	
		For >50 To 100, Deduct	*-24.65*	
		For >100, Deduct	*-36.10*	
		For 9' Door Height, Add	*27.30*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	265.13	66.40
		For >25 To 50, Deduct	*-15.25*	
		For >50 To 100, Deduct	*-24.86*	
		For >100, Deduct	*-36.45*	
		For 9' Door Height, Add	*27.79*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.23	69.28
		For >25 To 50, Deduct	*-15.78*	
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-37.52*	
		For 9' Door Height, Add	*28.28*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	286.11	69.28
		For >25 To 50, Deduct	*-16.29*	
		For >50 To 100, Deduct	*-26.77*	
		For >100, Deduct	*-39.45*	
		For 9' Door Height, Add	*30.98*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	301.31	72.17
		For >25 To 50, Deduct	*-17.10*	
		For >50 To 100, Deduct	*-28.17*	
		For >100, Deduct	*-41.59*	
		For 9' Door Height, Add	*32.96*	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	243.24	63.51
		For >25 To 50, Deduct	*-14.18*	
		For >50 To 100, Deduct	*-22.87*	
		For >100, Deduct	*-33.31*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	243.24	63.51
		For >25 To 50, Deduct	*-14.18*	
		For >50 To 100, Deduct	*-22.87*	
		For >100, Deduct	*-33.31*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	257.48	66.40
		For >25 To 50, Deduct	*-14.95*	
		For >50 To 100, Deduct	*-24.19*	
		For >100, Deduct	*-35.30*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.49	66.40
		For >25 To 50, Deduct	*-15.11*	
		For >50 To 100, Deduct	*-24.54*	
		For >100, Deduct	*-35.90*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	265.52	66.40
		For >25 To 50, Deduct	*-15.27*	
		For >50 To 100, Deduct	*-24.89*	
		For >100, Deduct	*-36.51*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	275.29	69.28
		For >25 To 50, Deduct	*-15.86*	
		For >50 To 100, Deduct	*-25.82*	
		For >100, Deduct	*-37.83*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.34	69.28
		For >25 To 50, Deduct	*-16.46*	
		For >50 To 100, Deduct	*-27.14*	
		For >100, Deduct	*-40.09*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	305.81	72.17
		For >25 To 50, Deduct	*-17.28*	
		For >50 To 100, Deduct	*-28.56*	
		For >100, Deduct	*-42.26*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	249.99	63.51
		For >25 To 50, Deduct	*-14.45*	
		For >50 To 100, Deduct	*-23.46*	
		For >100, Deduct	*-34.32*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	249.99	63.51
		For >25 To 50, Deduct	*-14.45*	
		For >50 To 100, Deduct	*-23.46*	
		For >100, Deduct	*-34.32*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	264.73	66.40
		For >25 To 50, Deduct	*-15.24*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-36.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	268.98	66.40
		For >25 To 50, Deduct	*-15.41*	
		For >50 To 100, Deduct	*-25.20*	
		For >100, Deduct	*-37.03*	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.25	66.40
		For >25 To 50, Deduct	*-15.58*	
		For >50 To 100, Deduct	*-25.57*	
		For >100, Deduct	*-37.67*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	283.26	69.28
		For >25 To 50, Deduct	*-16.18*	
		For >50 To 100, Deduct	*-26.52*	
		For >100, Deduct	*-39.02*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	299.18	69.28
		For >25 To 50, Deduct	*-16.82*	
		For >50 To 100, Deduct	*-27.91*	
		For >100, Deduct	*-41.41*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	315.21	72.17
		For >25 To 50, Deduct	*-17.66*	
		For >50 To 100, Deduct	*-29.39*	
		For >100, Deduct	*-43.67*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.95	63.51
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-25.56*	
		For >100, Deduct	*-37.92*	
		For 9' Door Height, Add	*30.85*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.98	63.51
		For >25 To 50, Deduct	*-15.41*	
		For >50 To 100, Deduct	*-25.56*	
		For >100, Deduct	*-37.92*	
		For 9' Door Height, Add	*30.86*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.45	66.40
		For >25 To 50, Deduct	*-16.27*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-40.25*	
		For 9' Door Height, Add	*33.11*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	295.55	66.40
		For >25 To 50, Deduct	*-16.47*	
		For >50 To 100, Deduct	*-27.52*	
		For >100, Deduct	*-41.01*	
		For 9' Door Height, Add	*34.18*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	300.65	66.40
		For >25 To 50, Deduct	*-16.67*	
		For >50 To 100, Deduct	*-27.97*	
		For >100, Deduct	*-41.78*	
		For 9' Door Height, Add	*35.25*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	311.49	69.28
		For >25 To 50, Deduct	*-17.31*	
		For >50 To 100, Deduct	*-28.99*	
		For >100, Deduct	*-43.26*	
		For 9' Door Height, Add	*36.31*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	330.50	69.28
		For >25 To 50, Deduct	*-18.07*	
		For >50 To 100, Deduct	*-30.65*	
		For >100, Deduct	*-46.11*	
		For 9' Door Height, Add	*40.31*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	348.54	72.17
		For >25 To 50, Deduct	*-18.99*	
		For >50 To 100, Deduct	*-32.30*	
		For >100, Deduct	*-48.67*	
		For 9' Door Height, Add	*42.88*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.89	63.51
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-26.60*	
		For >100, Deduct	*-39.71*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.89	63.51
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-26.60*	
		For >100, Deduct	*-39.71*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.65	66.40
		For >25 To 50, Deduct	*-16.55*	
		For >50 To 100, Deduct	*-27.70*	
		For >100, Deduct	*-41.33*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.88	66.40
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-27.90*	
		For >100, Deduct	*-41.66*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.77	66.40
		For >25 To 50, Deduct	*-16.84*	
		For >50 To 100, Deduct	*-28.33*	
		For >100, Deduct	*-42.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	315.43	69.28
		For >25 To 50, Deduct	*-17.47*	
		For >50 To 100, Deduct	*-29.33*	
		For >100, Deduct	*-43.85*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	341.36	69.28
		For >25 To 50, Deduct	*-18.50*	
		For >50 To 100, Deduct	*-31.60*	
		For >100, Deduct	*-47.74*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	399.76	72.17
		For >25 To 50, Deduct	*-21.04*	
		For >50 To 100, Deduct	*-36.78*	
		For >100, Deduct	*-56.36*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	412.53	72.17
		For >25 To 50, Deduct	*-21.55*	
		For >50 To 100, Deduct	*-37.90*	
		For >100, Deduct	*-58.27*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	438.07	72.17
		For >25 To 50, Deduct	*-22.57*	
		For >50 To 100, Deduct	*-40.14*	
		For >100, Deduct	*-62.10*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.15	63.51
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.41*	
		For >100, Deduct	*-41.10*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.14	63.51
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.41*	
		For >100, Deduct	*-41.10*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.24	66.40
		For >25 To 50, Deduct	*-16.94*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-42.77*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	309.61	66.40
		For >25 To 50, Deduct	*-17.03*	
		For >50 To 100, Deduct	*-28.75*	
		For >100, Deduct	*-43.12*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.78	66.40
		For >25 To 50, Deduct	*-17.24*	
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-43.90*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.71	69.28
		For >25 To 50, Deduct	*-17.88*	
		For >50 To 100, Deduct	*-30.23*	
		For >100, Deduct	*-45.39*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	353.16	69.28
		For >25 To 50, Deduct	*-18.98*	
		For >50 To 100, Deduct	*-32.63*	
		For >100, Deduct	*-49.51*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	414.64	72.17
		For >25 To 50, Deduct	*-21.64*	
		For >50 To 100, Deduct	*-38.09*	
		For >100, Deduct	*-58.59*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	428.14	72.17
		For >25 To 50, Deduct	*-22.18*	
		For >50 To 100, Deduct	*-39.27*	
		For >100, Deduct	*-60.61*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	455.17	72.17
		For >25 To 50, Deduct	*-23.26*	
		For >50 To 100, Deduct	*-41.63*	
		For >100, Deduct	*-64.67*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	327.93	63.51
		For >25 To 50, Deduct	*-17.56*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-46.01*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	327.93	63.51
		For >25 To 50, Deduct	*-17.56*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-46.01*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	341.27	66.40
		For >25 To 50, Deduct	*-18.30*	
		For >50 To 100, Deduct	*-31.52*	
		For >100, Deduct	*-47.87*	
		For 9' Door Height, Add	*43.78*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	344.08	66.40
		For >25 To 50, Deduct	*-18.41*	
		For >50 To 100, Deduct	*-31.77*	
		For >100, Deduct	*-48.29*	
		For 9' Door Height, Add	*44.37*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	350.28	66.40
		For >25 To 50, Deduct	*-18.66*	
		For >50 To 100, Deduct	*-32.31*	
		For >100, Deduct	*-49.22*	
		For 9' Door Height, Add	*45.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	362.20	69.28
		For >25 To 50, Deduct	*-19.34*	
		For >50 To 100, Deduct	*-33.42*	
		For >100, Deduct	*-50.87*	
		For 9' Door Height, Add	*46.96*	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	395.01	69.28
		For >25 To 50, Deduct	*-20.65*	
		For >50 To 100, Deduct	*-36.30*	
		For >100, Deduct	*-55.79*	
		For 9' Door Height, Add	*53.85*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	467.34	72.17
		For >25 To 50, Deduct	*-23.75*	
		For >50 To 100, Deduct	*-42.70*	
		For >100, Deduct	*-66.49*	
		For 9' Door Height, Add	*67.83*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	483.47	72.17
		For >25 To 50, Deduct	*-24.39*	
		For >50 To 100, Deduct	*-44.11*	
		For >100, Deduct	*-68.91*	
		For 9' Door Height, Add	*71.22*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	515.79	72.17
		For >25 To 50, Deduct	*-25.68*	
		For >50 To 100, Deduct	*-46.94*	
		For >100, Deduct	*-73.76*	
		For 9' Door Height, Add	*78.00*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	469.36	63.51
		For >25 To 50, Deduct	*-23.22*	
		For >50 To 100, Deduct	*-42.66*	
		For >100, Deduct	*-67.23*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	469.36	63.51
		For >25 To 50, Deduct	*-23.22*	
		For >50 To 100, Deduct	*-42.66*	
		For >100, Deduct	*-67.23*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	488.00	66.40
		For >25 To 50, Deduct	*-24.17*	
		For >50 To 100, Deduct	*-44.36*	
		For >100, Deduct	*-69.88*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	492.82	66.40
		For >25 To 50, Deduct	*-24.36*	
		For >50 To 100, Deduct	*-44.78*	
		For >100, Deduct	*-70.60*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	503.36	66.40
		For >25 To 50, Deduct	*-24.78*	
		For >50 To 100, Deduct	*-45.70*	
		For >100, Deduct	*-72.18*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	519.63	69.28
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-47.20*	
		For >100, Deduct	*-74.48*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	575.52	69.28
		For >25 To 50, Deduct	*-27.87*	
		For >50 To 100, Deduct	*-52.09*	
		For >100, Deduct	*-82.86*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	694.71	72.17
		For >25 To 50, Deduct	*-32.84*	
		For >50 To 100, Deduct	*-62.59*	
		For >100, Deduct	*-100.60*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	722.25	72.17
		For >25 To 50, Deduct	*-33.94*	
		For >50 To 100, Deduct	*-65.00*	
		For >100, Deduct	*-104.73*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	777.32	72.17
		For >25 To 50, Deduct	*-36.14*	
		For >50 To 100, Deduct	*-69.82*	
		For >100, Deduct	*-112.99*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	489.27	63.51
		For >25 To 50, Deduct	*-24.02*	
		For >50 To 100, Deduct	*-44.40*	
		For >100, Deduct	*-70.21*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	489.28	63.51
		For >25 To 50, Deduct	*-24.02*	
		For >50 To 100, Deduct	*-44.40*	
		For >100, Deduct	*-70.22*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	508.67	66.40
		For >25 To 50, Deduct	*-24.99*	
		For >50 To 100, Deduct	*-46.17*	
		For >100, Deduct	*-72.98*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	513.77	66.40
		For >25 To 50, Deduct	*-25.20*	
		For >50 To 100, Deduct	*-46.61*	
		For >100, Deduct	*-73.75*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	524.91	66.40
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-47.59*	
		For >100, Deduct	*-75.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	541.80	69.28
		For >25 To 50, Deduct	*-26.52*	
		For >50 To 100, Deduct	*-49.14*	
		For >100, Deduct	*-77.81*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	600.95	69.28
		For >25 To 50, Deduct	*-28.89*	
		For >50 To 100, Deduct	*-54.32*	
		For >100, Deduct	*-86.68*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	726.75	72.17
		For >25 To 50, Deduct	*-34.12*	
		For >50 To 100, Deduct	*-65.39*	
		For >100, Deduct	*-105.40*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	755.90	72.17
		For >25 To 50, Deduct	*-35.29*	
		For >50 To 100, Deduct	*-67.95*	
		For >100, Deduct	*-109.78*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	814.16	72.17
		For >25 To 50, Deduct	*-37.62*	
		For >50 To 100, Deduct	*-73.04*	
		For >100, Deduct	*-118.52*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	559.89	63.51
		For >25 To 50, Deduct	*-26.84*	
		For >50 To 100, Deduct	*-50.58*	
		For >100, Deduct	*-80.81*	
		For 9' Door Height, Add	*90.90*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	559.93	63.51
		For >25 To 50, Deduct	*-26.84*	
		For >50 To 100, Deduct	*-50.58*	
		For >100, Deduct	*-80.81*	
		For 9' Door Height, Add	*90.91*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	581.97	66.40
		For >25 To 50, Deduct	*-27.93*	
		For >50 To 100, Deduct	*-52.58*	
		For >100, Deduct	*-83.98*	
		For 9' Door Height, Add	*94.33*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	588.04	66.40
		For >25 To 50, Deduct	*-28.17*	
		For >50 To 100, Deduct	*-53.11*	
		For >100, Deduct	*-84.89*	
		For 9' Door Height, Add	*95.60*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	601.37	66.40
		For >25 To 50, Deduct	*-28.70*	
		For >50 To 100, Deduct	*-54.28*	
		For >100, Deduct	*-86.89*	
		For 9' Door Height, Add	*98.40*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	620.44	69.28
		For >25 To 50, Deduct	*-29.67*	
		For >50 To 100, Deduct	*-56.02*	
		For >100, Deduct	*-89.60*	
		For 9' Door Height, Add	*101.19*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	691.14	69.28
		For >25 To 50, Deduct	*-32.50*	
		For >50 To 100, Deduct	*-62.21*	
		For >100, Deduct	*-100.21*	
		For 9' Door Height, Add	*116.04*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	840.32	72.17
		For >25 To 50, Deduct	*-38.66*	
		For >50 To 100, Deduct	*-75.33*	
		For >100, Deduct	*-122.44*	
		For 9' Door Height, Add	*146.16*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	875.17	72.17
		For >25 To 50, Deduct	*-40.06*	
		For >50 To 100, Deduct	*-78.38*	
		For >100, Deduct	*-127.67*	
		For 9' Door Height, Add	*153.47*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	944.79	72.17
		For >25 To 50, Deduct	*-42.84*	
		For >50 To 100, Deduct	*-84.47*	
		For >100, Deduct	*-138.11*	
		For 9' Door Height, Add	*168.09*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.88	63.51
		For >25 To 50, Deduct	*-19.56*	
		For >50 To 100, Deduct	*-34.65*	
		For >100, Deduct	*-53.51*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.88	63.51
		For >25 To 50, Deduct	*-19.56*	
		For >50 To 100, Deduct	*-34.65*	
		For >100, Deduct	*-53.51*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	393.08	66.40
		For >25 To 50, Deduct	*-20.37*	
		For >50 To 100, Deduct	*-36.05*	
		For >100, Deduct	*-55.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	396.76	66.40
		For >25 To 50, Deduct	*-20.52*	
		For >50 To 100, Deduct	*-36.38*	
		For >100, Deduct	*-56.19*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	404.40	66.40
		For >25 To 50, Deduct	*-20.82*	
		For >50 To 100, Deduct	*-37.05*	
		For >100, Deduct	*-57.34*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	417.79	69.28
		For >25 To 50, Deduct	*-21.56*	
		For >50 To 100, Deduct	*-38.29*	
		For >100, Deduct	*-59.20*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	458.76	69.28
		For >25 To 50, Deduct	*-23.20*	
		For >50 To 100, Deduct	*-41.87*	
		For >100, Deduct	*-65.35*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	527.59	72.17
		For >25 To 50, Deduct	*-26.16*	
		For >50 To 100, Deduct	*-47.97*	
		For >100, Deduct	*-75.53*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	567.81	72.17
		For >25 To 50, Deduct	*-27.76*	
		For >50 To 100, Deduct	*-51.49*	
		For >100, Deduct	*-81.56*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	608.17	72.17
		For >25 To 50, Deduct	*-29.38*	
		For >50 To 100, Deduct	*-55.02*	
		For >100, Deduct	*-87.62*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.49	63.51
		For >25 To 50, Deduct	*-20.15*	
		For >50 To 100, Deduct	*-35.93*	
		For >100, Deduct	*-55.70*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.49	63.51
		For >25 To 50, Deduct	*-20.15*	
		For >50 To 100, Deduct	*-35.93*	
		For >100, Deduct	*-55.70*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.21	66.40
		For >25 To 50, Deduct	*-20.98*	
		For >50 To 100, Deduct	*-37.38*	
		For >100, Deduct	*-57.91*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	412.13	66.40
		For >25 To 50, Deduct	*-21.13*	
		For >50 To 100, Deduct	*-37.72*	
		For >100, Deduct	*-58.50*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	420.20	66.40
		For >25 To 50, Deduct	*-21.46*	
		For >50 To 100, Deduct	*-38.43*	
		For >100, Deduct	*-59.71*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	434.03	69.28
		For >25 To 50, Deduct	*-22.21*	
		For >50 To 100, Deduct	*-39.71*	
		For >100, Deduct	*-61.64*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	477.39	69.28
		For >25 To 50, Deduct	*-23.95*	
		For >50 To 100, Deduct	*-43.50*	
		For >100, Deduct	*-68.14*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	549.79	72.17
		For >25 To 50, Deduct	*-27.04*	
		For >50 To 100, Deduct	*-49.91*	
		For >100, Deduct	*-78.86*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	592.49	72.17
		For >25 To 50, Deduct	*-28.75*	
		For >50 To 100, Deduct	*-53.65*	
		For >100, Deduct	*-85.27*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	635.16	72.17
		For >25 To 50, Deduct	*-30.46*	
		For >50 To 100, Deduct	*-57.38*	
		For >100, Deduct	*-91.67*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	444.25	63.51
		For >25 To 50, Deduct	*-22.22*	
		For >50 To 100, Deduct	*-40.46*	
		For >100, Deduct	*-63.46*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	444.25	63.51
		For >25 To 50, Deduct	*-22.22*	
		For >50 To 100, Deduct	*-40.46*	
		For >100, Deduct	*-63.46*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	461.92	66.40
		For >25 To 50, Deduct	*-23.12*	
		For >50 To 100, Deduct	*-42.08*	
		For >100, Deduct	*-65.97*	
		For 9' Door Height, Add	*69.12*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	466.60	66.40
		For >25 To 50, Deduct	*-23.31*	
		For >50 To 100, Deduct	*-42.49*	
		For >100, Deduct	*-66.67*	
		For 9' Door Height, Add	*70.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	476.21	66.40
		For >25 To 50, Deduct	*-23.70*	
		For >50 To 100, Deduct	*-43.33*	
		For >100, Deduct	*-68.11*	
		For 9' Door Height, Add	*72.12*	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	491.65	69.28
		For >25 To 50, Deduct	*-24.52*	
		For >50 To 100, Deduct	*-44.75*	
		For >100, Deduct	*-70.28*	
		For 9' Door Height, Add	*74.15*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	543.44	69.28
		For >25 To 50, Deduct	*-26.59*	
		For >50 To 100, Deduct	*-49.28*	
		For >100, Deduct	*-78.05*	
		For 9' Door Height, Add	*85.02*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	628.88	72.17
		For >25 To 50, Deduct	*-30.21*	
		For >50 To 100, Deduct	*-56.83*	
		For >100, Deduct	*-90.72*	
		For 9' Door Height, Add	*101.75*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	679.88	72.17
		For >25 To 50, Deduct	*-32.25*	
		For >50 To 100, Deduct	*-61.29*	
		For >100, Deduct	*-98.37*	
		For 9' Door Height, Add	*112.46*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	730.90	72.17
		For >25 To 50, Deduct	*-34.29*	
		For >50 To 100, Deduct	*-65.76*	
		For >100, Deduct	*-106.03*	
		For 9' Door Height, Add	*123.18*	

08 14 16 00-0221 Walnut Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	590.79	63.51
		For >25 To 50, Deduct	*-28.08*	
		For >50 To 100, Deduct	*-53.28*	
		For >100, Deduct	*-85.44*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	590.79	63.51
		For >25 To 50, Deduct	*-28.08*	
		For >50 To 100, Deduct	*-53.28*	
		For >100, Deduct	*-85.44*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	599.78	66.40
		For >25 To 50, Deduct	*-28.64*	
		For >50 To 100, Deduct	*-54.14*	
		For >100, Deduct	*-86.65*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	620.35	66.40
		For >25 To 50, Deduct	*-29.46*	
		For >50 To 100, Deduct	*-55.94*	
		For >100, Deduct	*-89.73*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	623.49	66.40
		For >25 To 50, Deduct	*-29.59*	
		For >50 To 100, Deduct	*-56.22*	
		For >100, Deduct	*-90.20*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	632.40	69.28
		For >25 To 50, Deduct	*-30.15*	
		For >50 To 100, Deduct	*-57.07*	
		For >100, Deduct	*-91.40*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	687.52	69.28
		For >25 To 50, Deduct	*-32.35*	
		For >50 To 100, Deduct	*-61.89*	
		For >100, Deduct	*-99.66*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	835.58	72.17
		For >25 To 50, Deduct	*-38.48*	
		For >50 To 100, Deduct	*-74.92*	
		For >100, Deduct	*-121.73*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	870.14	72.17
		For >25 To 50, Deduct	*-39.86*	
		For >50 To 100, Deduct	*-77.94*	
		For >100, Deduct	*-126.91*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	939.33	72.17
		For >25 To 50, Deduct	*-42.63*	
		For >50 To 100, Deduct	*-84.00*	
		For >100, Deduct	*-137.29*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	617.76	63.51
		For >25 To 50, Deduct	*-29.16*	
		For >50 To 100, Deduct	*-55.64*	
		For >100, Deduct	*-89.49*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	617.76	63.51
		For >25 To 50, Deduct	*-29.16*	
		For >50 To 100, Deduct	*-55.64*	
		For >100, Deduct	*-89.49*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	626.98	66.40
		For >25 To 50, Deduct	*-29.73*	
		For >50 To 100, Deduct	*-56.52*	
		For >100, Deduct	*-90.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	648.71	66.40
		For >25 To 50, Deduct	*-30.60*	
		For >50 To 100, Deduct	*-58.42*	
		For >100, Deduct	*-93.99*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	652.06	66.40
		For >25 To 50, Deduct	*-30.73*	
		For >50 To 100, Deduct	*-58.72*	
		For >100, Deduct	*-94.49*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	661.15	69.28
		For >25 To 50, Deduct	*-31.30*	
		For >50 To 100, Deduct	*-59.58*	
		For >100, Deduct	*-95.71*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	719.45	69.28
		For >25 To 50, Deduct	*-33.63*	
		For >50 To 100, Deduct	*-64.68*	
		For >100, Deduct	*-104.45*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	875.82	72.17
		For >25 To 50, Deduct	*-40.08*	
		For >50 To 100, Deduct	*-78.44*	
		For >100, Deduct	*-127.76*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	912.39	72.17
		For >25 To 50, Deduct	*-41.55*	
		For >50 To 100, Deduct	*-81.64*	
		For >100, Deduct	*-133.25*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	985.58	72.17
		For >25 To 50, Deduct	*-44.48*	
		For >50 To 100, Deduct	*-88.04*	
		For >100, Deduct	*-144.23*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	713.46	63.51
		For >25 To 50, Deduct	*-32.98*	
		For >50 To 100, Deduct	*-64.02*	
		For >100, Deduct	*-103.84*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	713.46	63.51
		For >25 To 50, Deduct	*-32.98*	
		For >50 To 100, Deduct	*-64.02*	
		For >100, Deduct	*-103.84*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	723.36	66.40
		For >25 To 50, Deduct	*-33.58*	
		For >50 To 100, Deduct	*-64.95*	
		For >100, Deduct	*-105.18*	
		For 9' Door Height, Add	*124.02*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	749.31	66.40
		For >25 To 50, Deduct	*-34.62*	
		For >50 To 100, Deduct	*-67.22*	
		For >100, Deduct	*-109.08*	
		For 9' Door Height, Add	*129.47*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	753.31	66.40
		For >25 To 50, Deduct	*-34.78*	
		For >50 To 100, Deduct	*-67.57*	
		For >100, Deduct	*-109.68*	
		For 9' Door Height, Add	*130.31*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	763.04	69.28
		For >25 To 50, Deduct	*-35.37*	
		For >50 To 100, Deduct	*-68.50*	
		For >100, Deduct	*-110.99*	
		For 9' Door Height, Add	*131.14*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	832.74	69.28
		For >25 To 50, Deduct	*-38.16*	
		For >50 To 100, Deduct	*-74.60*	
		For >100, Deduct	*-121.45*	
		For 9' Door Height, Add	*145.78*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,018.45	72.17
		For >25 To 50, Deduct	*-45.79*	
		For >50 To 100, Deduct	*-90.92*	
		For >100, Deduct	*-149.16*	
		For 9' Door Height, Add	*183.56*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,062.17	72.17
		For >25 To 50, Deduct	*-47.54*	
		For >50 To 100, Deduct	*-94.74*	
		For >100, Deduct	*-155.72*	
		For 9' Door Height, Add	*192.74*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,149.60	72.17
		For >25 To 50, Deduct	*-51.04*	
		For >50 To 100, Deduct	*-102.39*	
		For >100, Deduct	*-168.83*	
		For 9' Door Height, Add	*211.10*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	243.12	63.51
		For >25 To 50, Deduct	*-14.17*	
		For >50 To 100, Deduct	*-22.86*	
		For >100, Deduct	*-33.29*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	243.12	63.51
		For >25 To 50, Deduct	*-14.17*	
		For >50 To 100, Deduct	*-22.86*	
		For >100, Deduct	*-33.29*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	256.87	66.40
		For >25 To 50, Deduct	*-14.92*	
		For >50 To 100, Deduct	*-24.14*	
		For >100, Deduct	*-35.21*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	263.36	66.40
		For >25 To 50, Deduct	*-15.18*	
		For >50 To 100, Deduct	*-24.70*	
		For >100, Deduct	*-36.18*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.65	66.40
		For >25 To 50, Deduct	*-15.23*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-36.38*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	271.71	69.28
		For >25 To 50, Deduct	*-15.72*	
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-37.29*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	286.34	69.28
		For >25 To 50, Deduct	*-16.30*	
		For >50 To 100, Deduct	*-26.79*	
		For >100, Deduct	*-39.49*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	310.98	72.17
		For >25 To 50, Deduct	*-17.49*	
		For >50 To 100, Deduct	*-29.02*	
		For >100, Deduct	*-43.04*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	319.29	72.17
		For >25 To 50, Deduct	*-17.82*	
		For >50 To 100, Deduct	*-29.74*	
		For >100, Deduct	*-44.29*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	335.97	72.17
		For >25 To 50, Deduct	*-18.49*	
		For >50 To 100, Deduct	*-31.20*	
		For >100, Deduct	*-46.79*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.86	63.51
		For >25 To 50, Deduct	*-14.44*	
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-34.30*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.86	63.51
		For >25 To 50, Deduct	*-14.44*	
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-34.30*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.10	66.40
		For >25 To 50, Deduct	*-15.21*	
		For >50 To 100, Deduct	*-24.77*	
		For >100, Deduct	*-36.30*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	270.97	66.40
		For >25 To 50, Deduct	*-15.49*	
		For >50 To 100, Deduct	*-25.37*	
		For >100, Deduct	*-37.33*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.33	66.40
		For >25 To 50, Deduct	*-15.54*	
		For >50 To 100, Deduct	*-25.49*	
		For >100, Deduct	*-37.53*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	279.45	69.28
		For >25 To 50, Deduct	*-16.03*	
		For >50 To 100, Deduct	*-26.18*	
		For >100, Deduct	*-38.45*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	294.95	69.28
		For >25 To 50, Deduct	*-16.65*	
		For >50 To 100, Deduct	*-27.54*	
		For >100, Deduct	*-40.78*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	320.67	72.17
		For >25 To 50, Deduct	*-17.88*	
		For >50 To 100, Deduct	*-29.86*	
		For >100, Deduct	*-44.49*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	329.47	72.17
		For >25 To 50, Deduct	*-18.23*	
		For >50 To 100, Deduct	*-30.63*	
		For >100, Deduct	*-45.81*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	347.11	72.17
		For >25 To 50, Deduct	*-18.94*	
		For >50 To 100, Deduct	*-32.18*	
		For >100, Deduct	*-48.46*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.81	63.51
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-37.90*	
		For 9' Door Height, Add	*30.82*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.81	63.51
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-37.90*	
		For 9' Door Height, Add	*30.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.69	66.40
		For >25 To 50, Deduct	*-16.24*	
		For >50 To 100, Deduct	*-27.01*	
		For >100, Deduct	*-40.13*	
		For 9' Door Height, Add	*32.95*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	297.90	66.40
		For >25 To 50, Deduct	*-16.56*	
		For >50 To 100, Deduct	*-27.73*	
		For >100, Deduct	*-41.37*	
		For 9' Door Height, Add	*34.67*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	299.54	66.40
		For >25 To 50, Deduct	*-16.63*	
		For >50 To 100, Deduct	*-27.87*	
		For >100, Deduct	*-41.61*	
		For 9' Door Height, Add	*35.02*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	306.93	69.28
		For >25 To 50, Deduct	*-17.13*	
		For >50 To 100, Deduct	*-28.59*	
		For >100, Deduct	*-42.58*	
		For 9' Door Height, Add	*35.36*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	325.45	69.28
		For >25 To 50, Deduct	*-17.87*	
		For >50 To 100, Deduct	*-30.21*	
		For >100, Deduct	*-45.35*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	355.04	72.17
		For >25 To 50, Deduct	*-19.25*	
		For >50 To 100, Deduct	*-32.87*	
		For >100, Deduct	*-49.65*	
		For 9' Door Height, Add	*44.25*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	365.58	72.17
		For >25 To 50, Deduct	*-19.68*	
		For >50 To 100, Deduct	*-33.79*	
		For >100, Deduct	*-51.23*	
		For 9' Door Height, Add	*46.46*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	386.65	72.17
		For >25 To 50, Deduct	*-20.52*	
		For >50 To 100, Deduct	*-35.64*	
		For >100, Deduct	*-54.39*	
		For 9' Door Height, Add	*50.89*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.79	63.51
		For >25 To 50, Deduct	*-15.32*	
		For >50 To 100, Deduct	*-25.37*	
		For >100, Deduct	*-37.59*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.83	63.51
		For >25 To 50, Deduct	*-15.32*	
		For >50 To 100, Deduct	*-25.37*	
		For >100, Deduct	*-37.60*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.60	66.40
		For >25 To 50, Deduct	*-15.91*	
		For >50 To 100, Deduct	*-26.30*	
		For >100, Deduct	*-38.92*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.67	66.40
		For >25 To 50, Deduct	*-16.23*	
		For >50 To 100, Deduct	*-27.01*	
		For >100, Deduct	*-40.13*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	293.70	66.40
		For >25 To 50, Deduct	*-16.40*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-40.74*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	303.45	69.28
		For >25 To 50, Deduct	*-16.99*	
		For >50 To 100, Deduct	*-28.28*	
		For >100, Deduct	*-42.05*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	312.64	69.28
		For >25 To 50, Deduct	*-17.36*	
		For >50 To 100, Deduct	*-29.09*	
		For >100, Deduct	*-43.43*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	348.32	72.17
		For >25 To 50, Deduct	*-18.98*	
		For >50 To 100, Deduct	*-32.28*	
		For >100, Deduct	*-48.64*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.51	72.17
		For >25 To 50, Deduct	*-19.39*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-50.17*	
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	378.94	72.17
		For >25 To 50, Deduct	*-20.21*	
		For >50 To 100, Deduct	*-34.96*	
		For >100, Deduct	*-53.23*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	280.23	63.51
		For >25 To 50, Deduct	*-15.66*	
		For >50 To 100, Deduct	*-26.11*	
		For >100, Deduct	*-38.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	280.24	63.51
		For >25 To 50, Deduct	*-15.66*	
		For >50 To 100, Deduct	*-26.11*	
		For >100, Deduct	*-38.86*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.25	66.40
		For >25 To 50, Deduct	*-16.26*	
		For >50 To 100, Deduct	*-27.06*	
		For >100, Deduct	*-40.22*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.79	66.40
		For >25 To 50, Deduct	*-16.60*	
		For >50 To 100, Deduct	*-27.80*	
		For >100, Deduct	*-41.50*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	303.06	66.40
		For >25 To 50, Deduct	*-16.77*	
		For >50 To 100, Deduct	*-28.18*	
		For >100, Deduct	*-42.14*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	313.05	69.28
		For >25 To 50, Deduct	*-17.37*	
		For >50 To 100, Deduct	*-29.12*	
		For >100, Deduct	*-43.49*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	322.78	69.28
		For >25 To 50, Deduct	*-17.76*	
		For >50 To 100, Deduct	*-29.98*	
		For >100, Deduct	*-44.95*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	360.20	72.17
		For >25 To 50, Deduct	*-19.46*	
		For >50 To 100, Deduct	*-33.32*	
		For >100, Deduct	*-50.42*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	370.99	72.17
		For >25 To 50, Deduct	*-19.89*	
		For >50 To 100, Deduct	*-34.27*	
		For >100, Deduct	*-52.04*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	392.58	72.17
		For >25 To 50, Deduct	*-20.76*	
		For >50 To 100, Deduct	*-36.16*	
		For >100, Deduct	*-55.28*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	310.11	63.51
		For >25 To 50, Deduct	*-16.85*	
		For >50 To 100, Deduct	*-28.72*	
		For >100, Deduct	*-43.34*	
		For 9' Door Height, Add	*38.45*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	310.11	63.51
		For >25 To 50, Deduct	*-16.85*	
		For >50 To 100, Deduct	*-28.72*	
		For >100, Deduct	*-43.34*	
		For 9' Door Height, Add	*38.45*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.95	66.40
		For >25 To 50, Deduct	*-17.49*	
		For >50 To 100, Deduct	*-29.74*	
		For >100, Deduct	*-44.82*	
		For 9' Door Height, Add	*39.51*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	331.15	66.40
		For >25 To 50, Deduct	*-17.89*	
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-46.35*	
		For 9' Door Height, Add	*41.65*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	336.25	66.40
		For >25 To 50, Deduct	*-18.10*	
		For >50 To 100, Deduct	*-31.08*	
		For >100, Deduct	*-47.12*	
		For 9' Door Height, Add	*42.72*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	347.08	69.28
		For >25 To 50, Deduct	*-18.73*	
		For >50 To 100, Deduct	*-32.10*	
		For >100, Deduct	*-48.60*	
		For 9' Door Height, Add	*43.79*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.72	69.28
		For >25 To 50, Deduct	*-19.20*	
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-50.34*	
		For 9' Door Height, Add	*46.23*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	402.31	72.17
		For >25 To 50, Deduct	*-21.14*	
		For >50 To 100, Deduct	*-37.01*	
		For >100, Deduct	*-56.74*	
		For 9' Door Height, Add	*54.17*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	415.19	72.17
		For >25 To 50, Deduct	*-21.66*	
		For >50 To 100, Deduct	*-38.13*	
		For >100, Deduct	*-58.67*	
		For 9' Door Height, Add	*56.88*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	441.00	72.17
		For >25 To 50, Deduct	*-22.69*	
		For >50 To 100, Deduct	*-40.39*	
		For >100, Deduct	*-62.54*	
		For 9' Door Height, Add	*62.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0314		1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315		Birch Faced Wood Doors *(08 14 16 00-0314)*		
08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	294.99	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.97*	
		For Structural Composite Lumber Core (SCLC), Add	*75.58*	
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.40*	
		For >100, Deduct	*-41.07*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	295.02	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.99*	
		For Structural Composite Lumber Core (SCLC), Add	*75.60*	
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-27.40*	
		For >100, Deduct	*-41.08*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	309.60	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.54*	
		For Stave Lumber Core (SLC), Add	*132.60*	
		For Structural Composite Lumber Core (SCLC), Add	*79.56*	
		For >25 To 50, Deduct	*-17.03*	
		For >50 To 100, Deduct	*-28.75*	
		For >100, Deduct	*-43.12*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	318.41	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.71*	
		For Stave Lumber Core (SLC), Add	*139.21*	
		For Structural Composite Lumber Core (SCLC), Add	*83.52*	
		For >25 To 50, Deduct	*-17.38*	
		For >50 To 100, Deduct	*-29.52*	
		For >100, Deduct	*-44.44*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	323.78	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.24*	
		For Structural Composite Lumber Core (SCLC), Add	*85.94*	
		For >25 To 50, Deduct	*-17.60*	
		For >50 To 100, Deduct	*-29.99*	
		For >100, Deduct	*-45.25*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.95	69.28
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.29*	
		For Structural Composite Lumber Core (SCLC), Add	*88.37*	
		For >25 To 50, Deduct	*-18.25*	
		For >50 To 100, Deduct	*-31.04*	
		For >100, Deduct	*-46.78*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.49	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.44*	
		For Structural Composite Lumber Core (SCLC), Add	*98.06*	
		For >25 To 50, Deduct	*-19.11*	
		For >50 To 100, Deduct	*-32.93*	
		For >100, Deduct	*-50.01*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	376.20	72.17
		For 7 Ply Cold Press Construction, Deduct	*-4.64*	
		For Stave Lumber Core (SLC), Add	*173.90*	
		For Structural Composite Lumber Core (SCLC), Add	*104.34*	
		For >25 To 50, Deduct	*-20.10*	
		For >50 To 100, Deduct	*-34.72*	
		For >100, Deduct	*-52.82*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	304.77	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.55*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.98*	
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-28.26*	
		For >100, Deduct	*-42.54*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	304.78	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.56*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.99*	
		For >25 To 50, Deduct	*-16.64*	
		For >50 To 100, Deduct	*-28.26*	
		For >100, Deduct	*-42.54*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	319.89	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.74*	
		For Stave Lumber Core (SLC), Add	*140.32*	
		For Structural Composite Lumber Core (SCLC), Add	*84.19*	
		For >25 To 50, Deduct	*-17.44*	
		For >50 To 100, Deduct	*-29.65*	
		For >100, Deduct	*-44.66*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.22	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.32*	
		For Structural Composite Lumber Core (SCLC), Add	*88.39*	
		For >25 To 50, Deduct	*-17.82*	
		For >50 To 100, Deduct	*-30.47*	
		For >100, Deduct	*-46.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.91	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.58*	
		For Structural Composite Lumber Core (SCLC), Add	*90.95*	
		For >25 To 50, Deduct	*-18.04*	
		For >50 To 100, Deduct	*-30.96*	
		For >100, Deduct	*-46.92*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	346.37	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.16*	
		For Stave Lumber Core (SLC), Add	*155.85*	
		For Structural Composite Lumber Core (SCLC), Add	*93.51*	
		For >25 To 50, Deduct	*-18.70*	
		For >50 To 100, Deduct	*-32.04*	
		For >100, Deduct	*-48.49*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	369.18	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.96*	
		For Structural Composite Lumber Core (SCLC), Add	*103.77*	
		For >25 To 50, Deduct	*-19.62*	
		For >50 To 100, Deduct	*-34.04*	
		For >100, Deduct	*-51.91*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	389.69	72.17
		For 7 Ply Cold Press Construction, Deduct	*-4.91*	
		For Stave Lumber Core (SLC), Add	*184.01*	
		For Structural Composite Lumber Core (SCLC), Add	*110.41*	
		For >25 To 50, Deduct	*-20.64*	
		For >50 To 100, Deduct	*-35.90*	
		For >100, Deduct	*-54.85*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.44	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >25 To 50, Deduct	*-18.02*	
		For >50 To 100, Deduct	*-31.29*	
		For >100, Deduct	*-47.74*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.44	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >25 To 50, Deduct	*-18.02*	
		For >50 To 100, Deduct	*-31.29*	
		For >100, Deduct	*-47.74*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.37	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.68*	
		For Structural Composite Lumber Core (SCLC), Add	*100.61*	
		For >25 To 50, Deduct	*-18.90*	
		For >50 To 100, Deduct	*-32.84*	
		For >100, Deduct	*-50.14*	
		For 9' Door Height, Add	*46.95*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	367.52	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.69*	
		For Stave Lumber Core (SLC), Add	*176.04*	
		For Structural Composite Lumber Core (SCLC), Add	*105.62*	
		For >25 To 50, Deduct	*-19.35*	
		For >50 To 100, Deduct	*-33.82*	
		For >100, Deduct	*-51.81*	
		For 9' Door Height, Add	*49.29*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	374.31	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.83*	
		For Stave Lumber Core (SLC), Add	*181.13*	
		For Structural Composite Lumber Core (SCLC), Add	*108.68*	
		For >25 To 50, Deduct	*-19.62*	
		For >50 To 100, Deduct	*-34.41*	
		For >100, Deduct	*-52.83*	
		For 9' Door Height, Add	*50.72*	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	386.90	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.25*	
		For Structural Composite Lumber Core (SCLC), Add	*111.75*	
		For >25 To 50, Deduct	*-20.33*	
		For >50 To 100, Deduct	*-35.59*	
		For >100, Deduct	*-54.57*	
		For 9' Door Height, Add	*52.15*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	414.14	69.28
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.68*	
		For Structural Composite Lumber Core (SCLC), Add	*124.01*	
		For >25 To 50, Deduct	*-21.42*	
		For >50 To 100, Deduct	*-37.97*	
		For >100, Deduct	*-58.66*	
		For 9' Door Height, Add	*57.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.53	72.17
		For 7 Ply Cold Press Construction, Deduct	*-5.86*	
		For Stave Lumber Core (SLC), Add	*219.89*	
		For Structural Composite Lumber Core (SCLC), Add	*131.94*	
		For >25 To 50, Deduct	*-22.55*	
		For >50 To 100, Deduct	*-40.09*	
		For >100, Deduct	*-62.02*	
		For 9' Door Height, Add	*61.57*	

08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.49	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >25 To 50, Deduct	*-21.31*	
		For >50 To 100, Deduct	*-38.47*	
		For >100, Deduct	*-60.05*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.49	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >25 To 50, Deduct	*-21.31*	
		For >50 To 100, Deduct	*-38.47*	
		For >100, Deduct	*-60.05*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	442.76	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.20*	
		For Stave Lumber Core (SLC), Add	*232.47*	
		For Structural Composite Lumber Core (SCLC), Add	*139.48*	
		For >25 To 50, Deduct	*-22.36*	
		For >50 To 100, Deduct	*-40.40*	
		For >100, Deduct	*-63.09*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	458.22	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.51*	
		For Stave Lumber Core (SLC), Add	*244.07*	
		For Structural Composite Lumber Core (SCLC), Add	*146.44*	
		For >25 To 50, Deduct	*-22.98*	
		For >50 To 100, Deduct	*-41.75*	
		For >100, Deduct	*-65.41*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	467.63	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.12*	
		For Structural Composite Lumber Core (SCLC), Add	*150.67*	
		For >25 To 50, Deduct	*-23.35*	
		For >50 To 100, Deduct	*-42.58*	
		For >100, Deduct	*-66.82*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	482.86	69.28
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.22*	
		For Structural Composite Lumber Core (SCLC), Add	*154.93*	
		For >25 To 50, Deduct	*-24.16*	
		For >50 To 100, Deduct	*-43.98*	
		For >100, Deduct	*-68.96*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	520.63	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.64*	
		For Stave Lumber Core (SLC), Add	*286.55*	
		For Structural Composite Lumber Core (SCLC), Add	*171.93*	
		For >25 To 50, Deduct	*-25.68*	
		For >50 To 100, Deduct	*-47.29*	
		For >100, Deduct	*-74.63*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	550.81	72.17
		For 7 Ply Cold Press Construction, Deduct	*-8.13*	
		For Stave Lumber Core (SLC), Add	*304.85*	
		For Structural Composite Lumber Core (SCLC), Add	*182.91*	
		For >25 To 50, Deduct	*-27.08*	
		For >50 To 100, Deduct	*-50.00*	
		For >100, Deduct	*-79.01*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	438.62	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >25 To 50, Deduct	*-21.99*	
		For >50 To 100, Deduct	*-39.97*	
		For >100, Deduct	*-62.62*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	438.62	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >25 To 50, Deduct	*-21.99*	
		For >50 To 100, Deduct	*-39.97*	
		For >100, Deduct	*-62.62*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	460.82	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.56*	
		For Stave Lumber Core (SLC), Add	*246.02*	
		For Structural Composite Lumber Core (SCLC), Add	*147.61*	
		For >25 To 50, Deduct	*-23.08*	
		For >50 To 100, Deduct	*-41.98*	
		For >100, Deduct	*-65.80*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	477.17	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.28*	
		For Structural Composite Lumber Core (SCLC), Add	*154.97*	
		For >25 To 50, Deduct	*-23.73*	
		For >50 To 100, Deduct	*-43.41*	
		For >100, Deduct	*-68.26*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	487.12	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.74*	
		For Structural Composite Lumber Core (SCLC), Add	*159.44*	
		For >25 To 50, Deduct	*-24.13*	
		For >50 To 100, Deduct	*-44.28*	
		For >100, Deduct	*-69.75*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	502.89	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.29*	
		For Stave Lumber Core (SLC), Add	*273.24*	
		For Structural Composite Lumber Core (SCLC), Add	*163.94*	
		For >25 To 50, Deduct	*-24.97*	
		For >50 To 100, Deduct	*-45.74*	
		For >100, Deduct	*-71.97*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	542.87	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.09*	
		For Stave Lumber Core (SLC), Add	*303.23*	
		For Structural Composite Lumber Core (SCLC), Add	*181.94*	
		For >25 To 50, Deduct	*-26.56*	
		For >50 To 100, Deduct	*-49.23*	
		For >100, Deduct	*-77.97*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	574.49	72.17
		For 7 Ply Cold Press Construction, Deduct	*-8.60*	
		For Stave Lumber Core (SLC), Add	*322.61*	
		For Structural Composite Lumber Core (SCLC), Add	*193.57*	
		For >25 To 50, Deduct	*-28.03*	
		For >50 To 100, Deduct	*-52.07*	
		For >100, Deduct	*-82.57*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	499.37	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >25 To 50, Deduct	*-24.42*	
		For >50 To 100, Deduct	*-45.28*	
		For >100, Deduct	*-71.73*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	499.37	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >25 To 50, Deduct	*-24.42*	
		For >50 To 100, Deduct	*-45.28*	
		For >100, Deduct	*-71.73*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	524.78	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.84*	
		For Stave Lumber Core (SLC), Add	*293.99*	
		For Structural Composite Lumber Core (SCLC), Add	*176.39*	
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-47.58*	
		For >100, Deduct	*-75.40*	
		For 9' Door Height, Add	*82.32*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	544.31	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.63*	
		For Structural Composite Lumber Core (SCLC), Add	*185.18*	
		For >25 To 50, Deduct	*-26.42*	
		For >50 To 100, Deduct	*-49.29*	
		For >100, Deduct	*-78.33*	
		For 9' Door Height, Add	*86.42*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	556.21	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.56*	
		For Structural Composite Lumber Core (SCLC), Add	*190.53*	
		For >25 To 50, Deduct	*-26.90*	
		For >50 To 100, Deduct	*-50.33*	
		For >100, Deduct	*-80.11*	
		For 9' Door Height, Add	*88.92*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	573.95	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.71*	
		For Stave Lumber Core (SLC), Add	*326.54*	
		For Structural Composite Lumber Core (SCLC), Add	*195.92*	
		For >25 To 50, Deduct	*-27.81*	
		For >50 To 100, Deduct	*-51.95*	
		For >100, Deduct	*-82.63*	
		For 9' Door Height, Add	*91.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	621.72	69.28
		For 7 Ply Cold Press Construction, Deduct	*-9.66*	
		For Stave Lumber Core (SLC), Add	*362.36*	
		For Structural Composite Lumber Core (SCLC), Add	*217.42*	
		For >25 To 50, Deduct	*-29.72*	
		For >50 To 100, Deduct	*-56.13*	
		For >100, Deduct	*-89.79*	
		For 9' Door Height, Add	*101.46*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	658.37	72.17
		For 7 Ply Cold Press Construction, Deduct	*-10.28*	
		For Stave Lumber Core (SLC), Add	*385.52*	
		For Structural Composite Lumber Core (SCLC), Add	*231.31*	
		For >25 To 50, Deduct	*-31.39*	
		For >50 To 100, Deduct	*-59.41*	
		For >100, Deduct	*-95.15*	
		For 9' Door Height, Add	*107.95*	
08 14 16 00-0365		Maple Faced Wood Doors *(08 14 16 00-0314)*		
08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	375.74	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >25 To 50, Deduct	*-19.48*	
		For >50 To 100, Deduct	*-34.47*	
		For >100, Deduct	*-53.19*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	375.74	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >25 To 50, Deduct	*-19.48*	
		For >50 To 100, Deduct	*-34.47*	
		For >100, Deduct	*-53.19*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	394.60	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.35*	
		For Structural Composite Lumber Core (SCLC), Add	*117.81*	
		For >25 To 50, Deduct	*-20.43*	
		For >50 To 100, Deduct	*-36.19*	
		For >100, Deduct	*-55.87*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	407.66	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.50*	
		For Stave Lumber Core (SLC), Add	*206.15*	
		For Structural Composite Lumber Core (SCLC), Add	*123.69*	
		For >25 To 50, Deduct	*-20.95*	
		For >50 To 100, Deduct	*-37.33*	
		For >100, Deduct	*-57.83*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	415.60	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.66*	
		For Stave Lumber Core (SLC), Add	*212.10*	
		For Structural Composite Lumber Core (SCLC), Add	*127.26*	
		For >25 To 50, Deduct	*-21.27*	
		For >50 To 100, Deduct	*-38.03*	
		For >100, Deduct	*-59.02*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	429.36	69.28
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.09*	
		For Structural Composite Lumber Core (SCLC), Add	*130.86*	
		For >25 To 50, Deduct	*-22.02*	
		For >50 To 100, Deduct	*-39.30*	
		For >100, Deduct	*-60.94*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	461.27	69.28
		For 7 Ply Cold Press Construction, Deduct	*-6.45*	
		For Stave Lumber Core (SLC), Add	*242.03*	
		For Structural Composite Lumber Core (SCLC), Add	*145.22*	
		For >25 To 50, Deduct	*-23.30*	
		For >50 To 100, Deduct	*-42.09*	
		For >100, Deduct	*-65.73*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	487.65	72.17
		For 7 Ply Cold Press Construction, Deduct	*-6.87*	
		For Stave Lumber Core (SLC), Add	*257.48*	
		For Structural Composite Lumber Core (SCLC), Add	*154.49*	
		For >25 To 50, Deduct	*-24.56*	
		For >50 To 100, Deduct	*-44.47*	
		For >100, Deduct	*-69.54*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	390.20	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >25 To 50, Deduct	*-20.05*	
		For >50 To 100, Deduct	*-35.73*	
		For >100, Deduct	*-55.35*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	390.20	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >25 To 50, Deduct	*-20.05*	
		For >50 To 100, Deduct	*-35.73*	
		For >100, Deduct	*-55.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	409.85	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.79*	
		For Structural Composite Lumber Core (SCLC), Add	*124.67*	
		For >25 To 50, Deduct	*-21.04*	
		For >50 To 100, Deduct	*-37.52*	
		For >100, Deduct	*-58.16*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.67	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.15*	
		For Structural Composite Lumber Core (SCLC), Add	*130.89*	
		For >25 To 50, Deduct	*-21.59*	
		For >50 To 100, Deduct	*-38.73*	
		For >100, Deduct	*-60.23*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	432.07	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.99*	
		For Stave Lumber Core (SLC), Add	*224.45*	
		For Structural Composite Lumber Core (SCLC), Add	*134.67*	
		For >25 To 50, Deduct	*-21.93*	
		For >50 To 100, Deduct	*-39.47*	
		For >100, Deduct	*-61.49*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	446.30	69.28
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.80*	
		For Structural Composite Lumber Core (SCLC), Add	*138.48*	
		For >25 To 50, Deduct	*-22.70*	
		For >50 To 100, Deduct	*-40.78*	
		For >100, Deduct	*-63.48*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	480.06	69.28
		For 7 Ply Cold Press Construction, Deduct	*-6.83*	
		For Stave Lumber Core (SLC), Add	*256.12*	
		For Structural Composite Lumber Core (SCLC), Add	*153.67*	
		For >25 To 50, Deduct	*-24.05*	
		For >50 To 100, Deduct	*-43.74*	
		For >100, Deduct	*-68.54*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	507.64	72.17
		For 7 Ply Cold Press Construction, Deduct	*-7.27*	
		For Stave Lumber Core (SLC), Add	*272.48*	
		For Structural Composite Lumber Core (SCLC), Add	*163.49*	
		For >25 To 50, Deduct	*-25.36*	
		For >50 To 100, Deduct	*-46.22*	
		For >100, Deduct	*-72.54*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.52	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >25 To 50, Deduct	*-22.11*	
		For >50 To 100, Deduct	*-40.22*	
		For >100, Deduct	*-63.05*	
		For 9' Door Height, Add	*66.04*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.52	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >25 To 50, Deduct	*-22.11*	
		For >50 To 100, Deduct	*-40.22*	
		For >100, Deduct	*-63.05*	
		For 9' Door Height, Add	*66.04*	
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	463.87	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.62*	
		For Stave Lumber Core (SLC), Add	*248.30*	
		For Structural Composite Lumber Core (SCLC), Add	*148.98*	
		For >25 To 50, Deduct	*-23.20*	
		For >50 To 100, Deduct	*-42.25*	
		For >100, Deduct	*-66.26*	
		For 9' Door Height, Add	*69.52*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	480.37	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.95*	
		For Stave Lumber Core (SLC), Add	*260.68*	
		For Structural Composite Lumber Core (SCLC), Add	*156.41*	
		For >25 To 50, Deduct	*-23.86*	
		For >50 To 100, Deduct	*-43.69*	
		For >100, Deduct	*-68.74*	
		For 9' Door Height, Add	*72.99*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	490.43	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.22*	
		For Structural Composite Lumber Core (SCLC), Add	*160.93*	
		For >25 To 50, Deduct	*-24.27*	
		For >50 To 100, Deduct	*-44.57*	
		For >100, Deduct	*-70.24*	
		For 9' Door Height, Add	*75.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	506.29	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.35*	
		For Stave Lumber Core (SLC), Add	*275.79*	
		For Structural Composite Lumber Core (SCLC), Add	*165.47*	
		For >25 To 50, Deduct	*-25.10*	
		For >50 To 100, Deduct	*-46.03*	
		For >100, Deduct	*-72.48*	
		For 9' Door Height, Add	*77.22*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.65	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.16*	
		For Stave Lumber Core (SLC), Add	*306.06*	
		For Structural Composite Lumber Core (SCLC), Add	*183.64*	
		For >25 To 50, Deduct	*-26.72*	
		For >50 To 100, Deduct	*-49.56*	
		For >100, Deduct	*-78.53*	
		For 9' Door Height, Add	*85.70*	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	578.49	72.17
		For 7 Ply Cold Press Construction, Deduct	*-8.68*	
		For Stave Lumber Core (SLC), Add	*325.61*	
		For Structural Composite Lumber Core (SCLC), Add	*195.37*	
		For >25 To 50, Deduct	*-28.19*	
		For >50 To 100, Deduct	*-52.42*	
		For >100, Deduct	*-83.17*	
		For 9' Door Height, Add	*91.17*	

08 14 16 00-0390 Lauan Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	241.27	63.51
		For >25 To 50, Deduct	*-14.10*	
		For >50 To 100, Deduct	*-22.70*	
		For >100, Deduct	*-33.01*	
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	241.27	63.51
		For >25 To 50, Deduct	*-14.10*	
		For >50 To 100, Deduct	*-22.70*	
		For >100, Deduct	*-33.01*	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	253.29	66.40
		For >25 To 50, Deduct	*-14.78*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.67*	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	259.59	66.40
		For >25 To 50, Deduct	*-15.03*	
		For >50 To 100, Deduct	*-24.37*	
		For >100, Deduct	*-35.62*	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	262.75	66.40
		For >25 To 50, Deduct	*-15.16*	
		For >50 To 100, Deduct	*-24.65*	
		For >100, Deduct	*-36.09*	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.71	69.28
		For >25 To 50, Deduct	*-15.72*	
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-37.29*	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	286.33	69.28
		For >25 To 50, Deduct	*-16.30*	
		For >50 To 100, Deduct	*-26.79*	
		For >100, Deduct	*-39.49*	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	303.68	72.17
		For >25 To 50, Deduct	*-17.20*	
		For >50 To 100, Deduct	*-28.38*	
		For >100, Deduct	*-41.94*	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.92	63.51
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-23.28*	
		For >100, Deduct	*-34.01*	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.92	63.51
		For >25 To 50, Deduct	*-14.36*	
		For >50 To 100, Deduct	*-23.28*	
		For >100, Deduct	*-34.01*	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	260.31	66.40
		For >25 To 50, Deduct	*-15.06*	
		For >50 To 100, Deduct	*-24.44*	
		For >100, Deduct	*-35.73*	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	266.97	66.40
		For >25 To 50, Deduct	*-15.33*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-36.73*	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	270.33	66.40
		For >25 To 50, Deduct	*-15.46*	
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-37.23*	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	279.45	69.28
		For >25 To 50, Deduct	*-16.03*	
		For >50 To 100, Deduct	*-26.18*	
		For >100, Deduct	*-38.45*	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	294.94	69.28
		For >25 To 50, Deduct	*-16.65*	
		For >50 To 100, Deduct	*-27.54*	
		For >100, Deduct	*-40.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	312.95	72.17
		For >25 To 50, Deduct	*-17.57*	
		For >50 To 100, Deduct	*-29.19*	
		For >100, Deduct	*-43.33*	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.50	63.51
		For >25 To 50, Deduct	*-15.31*	
		For >50 To 100, Deduct	*-25.34*	
		For >100, Deduct	*-37.55*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.50	63.51
		For >25 To 50, Deduct	*-15.31*	
		For >50 To 100, Deduct	*-25.34*	
		For >100, Deduct	*-37.55*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	285.17	66.40
		For >25 To 50, Deduct	*-16.05*	
		For >50 To 100, Deduct	*-26.61*	
		For >100, Deduct	*-39.46*	
		For 9' Door Height, Add	*32.00*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	293.14	66.40
		For >25 To 50, Deduct	*-16.37*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-40.65*	
		For 9' Door Height, Add	*33.67*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	297.15	66.40
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-27.66*	
		For >100, Deduct	*-41.25*	
		For 9' Door Height, Add	*34.51*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	306.93	69.28
		For >25 To 50, Deduct	*-17.13*	
		For >50 To 100, Deduct	*-28.59*	
		For >100, Deduct	*-42.58*	
		For 9' Door Height, Add	*35.36*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	325.43	69.28
		For >25 To 50, Deduct	*-17.87*	
		For >50 To 100, Deduct	*-30.21*	
		For >100, Deduct	*-45.35*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.82	72.17
		For >25 To 50, Deduct	*-18.88*	
		For >50 To 100, Deduct	*-32.06*	
		For >100, Deduct	*-48.26*	
		For 9' Door Height, Add	*42.31*	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.42	63.51
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >25 To 50, Deduct	*-13.82*	
		For >50 To 100, Deduct	*-22.10*	
		For >100, Deduct	*-31.99*	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.42	63.51
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >25 To 50, Deduct	*-13.82*	
		For >50 To 100, Deduct	*-22.10*	
		For >100, Deduct	*-31.99*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	246.43	66.40
		For Stave Lumber Core (SLC), Add	*85.22*	
		For Structural Composite Lumber Core (SCLC), Add	*51.13*	
		For >25 To 50, Deduct	*-14.51*	
		For >50 To 100, Deduct	*-23.22*	
		For >100, Deduct	*-33.64*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	252.65	66.40
		For Stave Lumber Core (SLC), Add	*89.89*	
		For Structural Composite Lumber Core (SCLC), Add	*53.93*	
		For >25 To 50, Deduct	*-14.75*	
		For >50 To 100, Deduct	*-23.77*	
		For >100, Deduct	*-34.58*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	253.79	66.40
		For Stave Lumber Core (SLC), Add	*90.74*	
		For Structural Composite Lumber Core (SCLC), Add	*54.45*	
		For >25 To 50, Deduct	*-14.80*	
		For >50 To 100, Deduct	*-23.87*	
		For >100, Deduct	*-34.75*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.72	69.28
		For Stave Lumber Core (SLC), Add	*91.61*	
		For Structural Composite Lumber Core (SCLC), Add	*54.97*	
		For >25 To 50, Deduct	*-15.28*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-35.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	274.19	69.28
		For Stave Lumber Core (SLC), Add	*101.72*	
		For Structural Composite Lumber Core (SCLC), Add	*61.03*	
		For >25 To 50, Deduct	*-15.82*	
		For >50 To 100, Deduct	*-25.72*	
		For >100, Deduct	*-37.66*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	304.53	72.17
		For Stave Lumber Core (SLC), Add	*120.14*	
		For Structural Composite Lumber Core (SCLC), Add	*72.09*	
		For >25 To 50, Deduct	*-17.23*	
		For >50 To 100, Deduct	*-28.45*	
		For >100, Deduct	*-42.07*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	240.67	63.51
		For Stave Lumber Core (SLC), Add	*85.23*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >25 To 50, Deduct	*-14.07*	
		For >50 To 100, Deduct	*-22.65*	
		For >100, Deduct	*-32.92*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	240.68	63.51
		For Stave Lumber Core (SLC), Add	*85.24*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >25 To 50, Deduct	*-14.07*	
		For >50 To 100, Deduct	*-22.65*	
		For >100, Deduct	*-32.93*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	253.04	66.40
		For Stave Lumber Core (SLC), Add	*90.18*	
		For Structural Composite Lumber Core (SCLC), Add	*54.11*	
		For >25 To 50, Deduct	*-14.77*	
		For >50 To 100, Deduct	*-23.80*	
		For >100, Deduct	*-34.64*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	259.62	66.40
		For Stave Lumber Core (SLC), Add	*95.12*	
		For Structural Composite Lumber Core (SCLC), Add	*57.07*	
		For >25 To 50, Deduct	*-15.03*	
		For >50 To 100, Deduct	*-24.38*	
		For >100, Deduct	*-35.62*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.83	66.40
		For Stave Lumber Core (SLC), Add	*96.02*	
		For Structural Composite Lumber Core (SCLC), Add	*57.61*	
		For >25 To 50, Deduct	*-15.08*	
		For >50 To 100, Deduct	*-24.48*	
		For >100, Deduct	*-35.80*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	267.83	69.28
		For Stave Lumber Core (SLC), Add	*96.95*	
		For Structural Composite Lumber Core (SCLC), Add	*58.17*	
		For >25 To 50, Deduct	*-15.56*	
		For >50 To 100, Deduct	*-25.17*	
		For >100, Deduct	*-36.71*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	282.08	69.28
		For Stave Lumber Core (SLC), Add	*107.63*	
		For Structural Composite Lumber Core (SCLC), Add	*64.58*	
		For >25 To 50, Deduct	*-16.13*	
		For >50 To 100, Deduct	*-26.41*	
		For >100, Deduct	*-38.85*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	313.86	72.17
		For Stave Lumber Core (SLC), Add	*127.14*	
		For Structural Composite Lumber Core (SCLC), Add	*76.28*	
		For >25 To 50, Deduct	*-17.61*	
		For >50 To 100, Deduct	*-29.27*	
		For >100, Deduct	*-43.47*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	262.82	63.51
		For Stave Lumber Core (SLC), Add	*101.84*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >25 To 50, Deduct	*-14.96*	
		For >50 To 100, Deduct	*-24.58*	
		For >100, Deduct	*-36.25*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	262.84	63.51
		For Stave Lumber Core (SLC), Add	*101.86*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >25 To 50, Deduct	*-14.96*	
		For >50 To 100, Deduct	*-24.59*	
		For >100, Deduct	*-36.25*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.49	66.40
		For Stave Lumber Core (SLC), Add	*107.77*	
		For Structural Composite Lumber Core (SCLC), Add	*64.66*	
		For >25 To 50, Deduct	*-15.71*	
		For >50 To 100, Deduct	*-25.85*	
		For >100, Deduct	*-38.15*	
		For 9' Door Height, Add	*30.17*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	284.34	66.40
		For Stave Lumber Core (SLC), Add	*113.66*	
		For Structural Composite Lumber Core (SCLC), Add	*68.19*	
		For >25 To 50, Deduct	*-16.02*	
		For >50 To 100, Deduct	*-26.54*	
		For >100, Deduct	*-39.33*	
		For 9' Door Height, Add	*31.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	285.79	66.40
		For Stave Lumber Core (SLC), Add	*114.74*	
		For Structural Composite Lumber Core (SCLC), Add	*68.85*	
		For >25 To 50, Deduct	*-16.08*	
		For >50 To 100, Deduct	*-26.67*	
		For >100, Deduct	*-39.55*	
		For 9' Door Height, Add	*32.13*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	293.04	69.28
		For Stave Lumber Core (SLC), Add	*115.85*	
		For Structural Composite Lumber Core (SCLC), Add	*69.51*	
		For >25 To 50, Deduct	*-16.57*	
		For >50 To 100, Deduct	*-27.37*	
		For >100, Deduct	*-40.49*	
		For 9' Door Height, Add	*32.44*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	310.08	69.28
		For Stave Lumber Core (SLC), Add	*128.63*	
		For Structural Composite Lumber Core (SCLC), Add	*77.18*	
		For >25 To 50, Deduct	*-17.25*	
		For >50 To 100, Deduct	*-28.86*	
		For >100, Deduct	*-43.05*	
		For 9' Door Height, Add	*36.02*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	346.92	72.17
		For Stave Lumber Core (SLC), Add	*151.94*	
		For Structural Composite Lumber Core (SCLC), Add	*91.16*	
		For >25 To 50, Deduct	*-18.93*	
		For >50 To 100, Deduct	*-32.16*	
		For >100, Deduct	*-48.43*	
		For 9' Door Height, Add	*42.54*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	331.48	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*352.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >25 To 50, Deduct	*-17.71*	
		For >50 To 100, Deduct	*-30.59*	
		For >100, Deduct	*-46.55*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	331.48	63.51
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*352.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >25 To 50, Deduct	*-17.71*	
		For >50 To 100, Deduct	*-30.59*	
		For >100, Deduct	*-46.55*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	326.48	66.40
		For 7 Ply Cold Press Construction, Deduct	*-3.87*	
		For Stave Lumber Core (SLC), Add	*145.26*	
		For Structural Composite Lumber Core (SCLC), Add	*87.16*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*334.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.42*	
		For >25 To 50, Deduct	*-17.71*	
		For >50 To 100, Deduct	*-30.23*	
		For >100, Deduct	*-45.65*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.55	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.31*	
		For Structural Composite Lumber Core (SCLC), Add	*90.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*348.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.10*	
		For >25 To 50, Deduct	*-18.03*	
		For >50 To 100, Deduct	*-30.93*	
		For >100, Deduct	*-46.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.95	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.14*	
		For Stave Lumber Core (SLC), Add	*155.36*	
		For Structural Composite Lumber Core (SCLC), Add	*93.22*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*357.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.58*	
		For >25 To 50, Deduct	*-18.25*	
		For >50 To 100, Deduct	*-31.41*	
		For >100, Deduct	*-47.67*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	351.09	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.39*	
		For Structural Composite Lumber Core (SCLC), Add	*95.63*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*366.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.02*	
		For >25 To 50, Deduct	*-18.89*	
		For >50 To 100, Deduct	*-32.45*	
		For >100, Deduct	*-49.20*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	374.46	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.72*	
		For Stave Lumber Core (SLC), Add	*176.92*	
		For Structural Composite Lumber Core (SCLC), Add	*106.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*406.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*283.07*	
		For >25 To 50, Deduct	*-19.83*	
		For >50 To 100, Deduct	*-34.50*	
		For >100, Deduct	*-52.70*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	430.74	72.17
		For 7 Ply Cold Press Construction, Deduct	*-5.73*	
		For Stave Lumber Core (SLC), Add	*214.80*	
		For Structural Composite Lumber Core (SCLC), Add	*128.88*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*494.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*154.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*214.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*343.68*	
		For >25 To 50, Deduct	*-22.28*	
		For >50 To 100, Deduct	*-39.49*	
		For >100, Deduct	*-61.00*	
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	445.06	72.17
		For 7 Ply Cold Press Construction, Deduct	*-6.01*	
		For Stave Lumber Core (SLC), Add	*225.54*	
		For Structural Composite Lumber Core (SCLC), Add	*135.32*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*518.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*360.86*	
		For >25 To 50, Deduct	*-22.85*	
		For >50 To 100, Deduct	*-40.75*	
		For >100, Deduct	*-63.15*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	485.25	77.95
		For 7 Ply Cold Press Construction, Deduct	*-6.59*	
		For Stave Lumber Core (SLC), Add	*247.01*	
		For Structural Composite Lumber Core (SCLC), Add	*148.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*568.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*395.22*	
		For >25 To 50, Deduct	*-24.87*	
		For >50 To 100, Deduct	*-44.41*	
		For >100, Deduct	*-68.89*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	321.81	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*336.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >25 To 50, Deduct	*-17.32*	
		For >50 To 100, Deduct	*-29.75*	
		For >100, Deduct	*-45.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	321.81	63.51
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*336.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >25 To 50, Deduct	*-17.32*	
		For >50 To 100, Deduct	*-29.75*	
		For >100, Deduct	*-45.10*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	337.76	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.10*	
		For Stave Lumber Core (SLC), Add	*153.72*	
		For Structural Composite Lumber Core (SCLC), Add	*92.23*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*353.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.95*	
		For >25 To 50, Deduct	*-18.16*	
		For >50 To 100, Deduct	*-31.21*	
		For >100, Deduct	*-47.34*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	346.30	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.27*	
		For Stave Lumber Core (SLC), Add	*160.13*	
		For Structural Composite Lumber Core (SCLC), Add	*96.08*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*368.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.20*	
		For >25 To 50, Deduct	*-18.50*	
		For >50 To 100, Deduct	*-31.96*	
		For >100, Deduct	*-48.63*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	352.00	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.38*	
		For Stave Lumber Core (SLC), Add	*164.40*	
		For Structural Composite Lumber Core (SCLC), Add	*98.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*378.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.04*	
		For >25 To 50, Deduct	*-18.73*	
		For >50 To 100, Deduct	*-32.46*	
		For >100, Deduct	*-49.48*	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	363.45	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.50*	
		For Stave Lumber Core (SLC), Add	*168.66*	
		For Structural Composite Lumber Core (SCLC), Add	*101.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*387.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.86*	
		For >25 To 50, Deduct	*-19.39*	
		For >50 To 100, Deduct	*-33.53*	
		For >100, Deduct	*-51.05*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	388.19	69.28
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.22*	
		For Structural Composite Lumber Core (SCLC), Add	*112.33*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*430.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.54*	
		For >25 To 50, Deduct	*-20.38*	
		For >50 To 100, Deduct	*-35.70*	
		For >100, Deduct	*-54.76*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	447.41	72.17
		For 7 Ply Cold Press Construction, Deduct	*-6.06*	
		For Stave Lumber Core (SLC), Add	*227.30*	
		For Structural Composite Lumber Core (SCLC), Add	*136.38*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*522.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*363.68*	
		For >25 To 50, Deduct	*-22.95*	
		For >50 To 100, Deduct	*-40.95*	
		For >100, Deduct	*-63.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	462.57	72.17
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.67*	
		For Structural Composite Lumber Core (SCLC), Add	*143.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*548.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*381.88*	
		For >25 To 50, Deduct	*-23.55*	
		For >50 To 100, Deduct	*-42.28*	
		For >100, Deduct	*-65.78*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	504.42	77.95
		For 7 Ply Cold Press Construction, Deduct	*-6.97*	
		For Stave Lumber Core (SLC), Add	*261.39*	
		For Structural Composite Lumber Core (SCLC), Add	*156.83*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*601.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*418.22*	
		For >25 To 50, Deduct	*-25.63*	
		For >50 To 100, Deduct	*-46.09*	
		For >100, Deduct	*-71.77*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	385.56	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*445.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >25 To 50, Deduct	*-19.87*	
		For >50 To 100, Deduct	*-35.32*	
		For >100, Deduct	*-54.66*	
		For 9' Door Height, Add	*54.29*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	385.56	63.51
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*445.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >25 To 50, Deduct	*-19.87*	
		For >50 To 100, Deduct	*-35.32*	
		For >100, Deduct	*-54.66*	
		For 9' Door Height, Add	*54.29*	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.72	66.40
		For 7 Ply Cold Press Construction, Deduct	*-4.90*	
		For Stave Lumber Core (SLC), Add	*183.69*	
		For Structural Composite Lumber Core (SCLC), Add	*110.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*422.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*293.90*	
		For >25 To 50, Deduct	*-19.76*	
		For >50 To 100, Deduct	*-34.71*	
		For >100, Deduct	*-53.34*	
		For 9' Door Height, Add	*51.43*	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	387.92	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.10*	
		For Stave Lumber Core (SLC), Add	*191.34*	
		For Structural Composite Lumber Core (SCLC), Add	*114.80*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*440.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.14*	
		For >25 To 50, Deduct	*-20.16*	
		For >50 To 100, Deduct	*-35.60*	
		For >100, Deduct	*-54.87*	
		For 9' Door Height, Add	*53.58*	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.74	66.40
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.46*	
		For Structural Composite Lumber Core (SCLC), Add	*117.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*451.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.33*	
		For >25 To 50, Deduct	*-20.44*	
		For >50 To 100, Deduct	*-36.20*	
		For >100, Deduct	*-55.89*	
		For 9' Door Height, Add	*55.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	407.30	69.28
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.55*	
		For Structural Composite Lumber Core (SCLC), Add	*120.93*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*463.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*145.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*201.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*322.48*	
		For >25 To 50, Deduct	*-21.14*	
		For >50 To 100, Deduct	*-37.37*	
		For >100, Deduct	*-57.63*	
		For 9' Door Height, Add	*56.43*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	436.86	69.28
		For 7 Ply Cold Press Construction, Deduct	*-5.97*	
		For Stave Lumber Core (SLC), Add	*223.72*	
		For Structural Composite Lumber Core (SCLC), Add	*134.23*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*514.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.95*	
		For >25 To 50, Deduct	*-22.32*	
		For >50 To 100, Deduct	*-39.96*	
		For >100, Deduct	*-62.06*	
		For 9' Door Height, Add	*62.64*	
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	506.50	72.17
		For 7 Ply Cold Press Construction, Deduct	*-7.24*	
		For Stave Lumber Core (SLC), Add	*271.62*	
		For Structural Composite Lumber Core (SCLC), Add	*162.97*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*624.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*271.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*434.59*	
		For >25 To 50, Deduct	*-25.31*	
		For >50 To 100, Deduct	*-46.12*	
		For >100, Deduct	*-72.37*	
		For 9' Door Height, Add	*76.05*	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	524.61	72.17
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.20*	
		For Structural Composite Lumber Core (SCLC), Add	*171.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*655.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.32*	
		For >25 To 50, Deduct	*-26.04*	
		For >50 To 100, Deduct	*-47.71*	
		For >100, Deduct	*-75.08*	
		For 9' Door Height, Add	*79.86*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	572.38	77.95
		For 7 Ply Cold Press Construction, Deduct	*-8.33*	
		For Stave Lumber Core (SLC), Add	*312.36*	
		For Structural Composite Lumber Core (SCLC), Add	*187.42*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*718.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*312.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.78*	
		For >25 To 50, Deduct	*-28.35*	
		For >50 To 100, Deduct	*-52.03*	
		For >100, Deduct	*-81.96*	
		For 9' Door Height, Add	*87.46*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	519.36	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.22*	
		For >50 To 100, Deduct	*-47.03*	
		For >100, Deduct	*-74.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	519.36	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.22*	
		For >50 To 100, Deduct	*-47.03*	
		For >100, Deduct	*-74.73*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	525.13	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*676.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >25 To 50, Deduct	*-25.65*	
		For >50 To 100, Deduct	*-47.61*	
		For >100, Deduct	*-75.45*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	529.16	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.93*	
		For Stave Lumber Core (SLC), Add	*297.27*	
		For Structural Composite Lumber Core (SCLC), Add	*178.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*683.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*475.63*	
		For >25 To 50, Deduct	*-25.81*	
		For >50 To 100, Deduct	*-47.96*	
		For >100, Deduct	*-76.05*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	530.98	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.96*	
		For Stave Lumber Core (SLC), Add	*298.64*	
		For Structural Composite Lumber Core (SCLC), Add	*179.18*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*686.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*298.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*477.82*	
		For >25 To 50, Deduct	*-25.89*	
		For >50 To 100, Deduct	*-48.12*	
		For >100, Deduct	*-76.33*	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	538.57	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.00*	
		For Stave Lumber Core (SLC), Add	*300.00*	
		For Structural Composite Lumber Core (SCLC), Add	*180.00*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*690.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*300.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*480.00*	
		For >25 To 50, Deduct	*-26.39*	
		For >50 To 100, Deduct	*-48.86*	
		For >100, Deduct	*-77.32*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	582.51	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.88*	
		For Stave Lumber Core (SLC), Add	*332.96*	
		For Structural Composite Lumber Core (SCLC), Add	*199.77*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*765.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*239.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*332.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*532.73*	
		For >25 To 50, Deduct	*-28.15*	
		For >50 To 100, Deduct	*-52.70*	
		For >100, Deduct	*-83.91*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	701.42	72.17
		For 7 Ply Cold Press Construction, Deduct	*-11.14*	
		For Stave Lumber Core (SLC), Add	*417.81*	
		For Structural Composite Lumber Core (SCLC), Add	*250.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*960.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*668.50*	
		For >25 To 50, Deduct	*-33.11*	
		For >50 To 100, Deduct	*-63.18*	
		For >100, Deduct	*-101.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	729.66	72.17
		For 7 Ply Cold Press Construction, Deduct	*-11.71*	
		For Stave Lumber Core (SLC), Add	*438.99*	
		For Structural Composite Lumber Core (SCLC), Add	*263.39*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,009.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*316.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*438.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*702.38*	
		For >25 To 50, Deduct	*-34.24*	
		For >50 To 100, Deduct	*-65.65*	
		For >100, Deduct	*-105.84*	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	796.55	77.95
		For 7 Ply Cold Press Construction, Deduct	*-12.81*	
		For Stave Lumber Core (SLC), Add	*480.49*	
		For Structural Composite Lumber Core (SCLC), Add	*288.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,105.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*345.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.78*	
		For >25 To 50, Deduct	*-37.32*	
		For >50 To 100, Deduct	*-71.65*	
		For >100, Deduct	*-115.59*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	542.18	63.51
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.13*	
		For >50 To 100, Deduct	*-49.03*	
		For >100, Deduct	*-78.15*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	542.18	63.51
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.13*	
		For >50 To 100, Deduct	*-49.03*	
		For >100, Deduct	*-78.15*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	547.95	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*716.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >25 To 50, Deduct	*-26.57*	
		For >50 To 100, Deduct	*-49.61*	
		For >100, Deduct	*-78.87*	
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	552.21	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.39*	
		For Stave Lumber Core (SLC), Add	*314.56*	
		For Structural Composite Lumber Core (SCLC), Add	*188.73*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*723.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*503.29*	
		For >25 To 50, Deduct	*-26.74*	
		For >50 To 100, Deduct	*-49.98*	
		For >100, Deduct	*-79.51*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	554.15	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.43*	
		For Stave Lumber Core (SLC), Add	*316.01*	
		For Structural Composite Lumber Core (SCLC), Add	*189.61*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*726.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*227.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*316.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*505.62*	
		For >25 To 50, Deduct	*-26.81*	
		For >50 To 100, Deduct	*-50.15*	
		For >100, Deduct	*-79.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	561.86	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.47*	
		For Structural Composite Lumber Core (SCLC), Add	*190.48*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*730.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*507.95*	
		For >25 To 50, Deduct	*-27.32*	
		For >50 To 100, Deduct	*-50.89*	
		For >100, Deduct	*-80.81*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	608.35	69.28
		For 7 Ply Cold Press Construction, Deduct	*-9.40*	
		For Stave Lumber Core (SLC), Add	*352.34*	
		For Structural Composite Lumber Core (SCLC), Add	*211.40*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*810.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*352.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*563.74*	
		For >25 To 50, Deduct	*-29.18*	
		For >50 To 100, Deduct	*-54.96*	
		For >100, Deduct	*-87.79*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	733.85	72.17
		For 7 Ply Cold Press Construction, Deduct	*-11.79*	
		For Stave Lumber Core (SLC), Add	*442.13*	
		For Structural Composite Lumber Core (SCLC), Add	*265.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,016.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*442.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*707.41*	
		For >25 To 50, Deduct	*-34.41*	
		For >50 To 100, Deduct	*-66.02*	
		For >100, Deduct	*-106.47*	
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	763.72	72.17
		For 7 Ply Cold Press Construction, Deduct	*-12.39*	
		For Stave Lumber Core (SLC), Add	*464.54*	
		For Structural Composite Lumber Core (SCLC), Add	*278.72*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,068.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*334.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*464.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*743.26*	
		For >25 To 50, Deduct	*-35.60*	
		For >50 To 100, Deduct	*-68.63*	
		For >100, Deduct	*-110.95*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	833.82	77.95
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.44*	
		For Structural Composite Lumber Core (SCLC), Add	*305.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,169.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.50*	
		For >25 To 50, Deduct	*-38.81*	
		For >50 To 100, Deduct	*-74.91*	
		For >100, Deduct	*-121.18*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	623.12	63.51
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.37*	
		For >50 To 100, Deduct	*-56.11*	
		For >100, Deduct	*-90.29*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	623.12	63.51
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.37*	
		For >50 To 100, Deduct	*-56.11*	
		For >100, Deduct	*-90.29*	
		For 9' Door Height, Add	*104.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	628.89	66.40
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*855.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >25 To 50, Deduct	*-29.80*	
		For >50 To 100, Deduct	*-56.69*	
		For >100, Deduct	*-91.01*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	634.01	66.40
		For 7 Ply Cold Press Construction, Deduct	*-10.02*	
		For Stave Lumber Core (SLC), Add	*375.91*	
		For Structural Composite Lumber Core (SCLC), Add	*225.54*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*864.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*375.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*601.45*	
		For >25 To 50, Deduct	*-30.01*	
		For >50 To 100, Deduct	*-57.14*	
		For >100, Deduct	*-91.78*	
		For 9' Door Height, Add	*105.25*	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	636.33	66.40
		For 7 Ply Cold Press Construction, Deduct	*-10.07*	
		For Stave Lumber Core (SLC), Add	*377.65*	
		For Structural Composite Lumber Core (SCLC), Add	*226.59*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*868.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*271.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*377.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*604.24*	
		For >25 To 50, Deduct	*-30.10*	
		For >50 To 100, Deduct	*-57.34*	
		For >100, Deduct	*-92.13*	
		For 9' Door Height, Add	*105.74*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	644.39	69.28
		For 7 Ply Cold Press Construction, Deduct	*-10.12*	
		For Stave Lumber Core (SLC), Add	*379.37*	
		For Structural Composite Lumber Core (SCLC), Add	*227.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*872.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*273.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*379.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*606.98*	
		For >25 To 50, Deduct	*-30.63*	
		For >50 To 100, Deduct	*-58.12*	
		For >100, Deduct	*-93.19*	
		For 9' Door Height, Add	*106.22*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	699.95	69.28
		For 7 Ply Cold Press Construction, Deduct	*-11.23*	
		For Stave Lumber Core (SLC), Add	*421.04*	
		For Structural Composite Lumber Core (SCLC), Add	*252.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*968.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*303.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*421.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*673.66*	
		For >25 To 50, Deduct	*-32.85*	
		For >50 To 100, Deduct	*-62.98*	
		For >100, Deduct	*-101.53*	
		For 9' Door Height, Add	*117.89*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	848.80	72.17
		For 7 Ply Cold Press Construction, Deduct	*-14.09*	
		For Stave Lumber Core (SLC), Add	*528.35*	
		For Structural Composite Lumber Core (SCLC), Add	*317.01*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,215.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*528.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*845.35*	
		For >25 To 50, Deduct	*-39.00*	
		For >50 To 100, Deduct	*-76.07*	
		For >100, Deduct	*-123.71*	
		For 9' Door Height, Add	*147.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	884.49	72.17
		For 7 Ply Cold Press Construction, Deduct	*-14.80*	
		For Stave Lumber Core (SLC), Add	*555.11*	
		For Structural Composite Lumber Core (SCLC), Add	*333.07*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,276.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*399.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*555.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*888.18*	
		For >25 To 50, Deduct	*-40.43*	
		For >50 To 100, Deduct	*-79.20*	
		For >100, Deduct	*-129.07*	
		For 9' Door Height, Add	*155.43*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	966.02	77.95
		For 7 Ply Cold Press Construction, Deduct	*-16.20*	
		For Stave Lumber Core (SLC), Add	*607.59*	
		For Structural Composite Lumber Core (SCLC), Add	*364.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,397.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.14*	
		For >25 To 50, Deduct	*-44.10*	
		For >50 To 100, Deduct	*-86.48*	
		For >100, Deduct	*-141.01*	
		For 9' Door Height, Add	*170.13*	

08 14 16 00-0503 Mahogany Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	575.62	63.51
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	575.62	63.51
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	581.39	66.40
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	586.00	66.40
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	588.09	66.40
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	595.95	69.28
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	646.17	69.28
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	781.31	72.17
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	813.62	72.17
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	876.85	72.17
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	601.73	63.51
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	601.73	63.51
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	607.50	66.40
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	612.39	66.40
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	614.59	66.40
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	622.57	69.28
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	675.73	69.28
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	818.39	72.17
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	852.68	72.17
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	919.47	72.17
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	694.26	63.51
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	694.26	63.51
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	700.03	66.40
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	705.88	66.40
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	708.55	66.40
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	716.92	69.28
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	780.46	69.28
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	949.85	72.17
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	990.65	72.17
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	1,070.66	72.17

08 14 16 00-0534 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	458.40	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-22.78*	
		For >50 To 100, Deduct	*-41.70*	
		For >100, Deduct	*-65.58*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	458.40	63.51
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-22.78*	
		For >50 To 100, Deduct	*-41.70*	
		For >100, Deduct	*-65.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	464.17	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*571.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >25 To 50, Deduct	*-23.21*	
		For >50 To 100, Deduct	*-42.27*	
		For >100, Deduct	*-66.31*	
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	467.58	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.09*	
		For Structural Composite Lumber Core (SCLC), Add	*150.65*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*577.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.74*	
		For >25 To 50, Deduct	*-23.35*	
		For >50 To 100, Deduct	*-42.57*	
		For >100, Deduct	*-66.82*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	469.11	66.40
		For 7 Ply Cold Press Construction, Deduct	*-6.73*	
		For Stave Lumber Core (SLC), Add	*252.23*	
		For Structural Composite Lumber Core (SCLC), Add	*151.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*580.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*403.57*	
		For >25 To 50, Deduct	*-23.41*	
		For >50 To 100, Deduct	*-42.71*	
		For >100, Deduct	*-67.05*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	476.43	69.28
		For 7 Ply Cold Press Construction, Deduct	*-6.76*	
		For Stave Lumber Core (SLC), Add	*253.40*	
		For Structural Composite Lumber Core (SCLC), Add	*152.04*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*582.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*182.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*253.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*405.43*	
		For >25 To 50, Deduct	*-23.91*	
		For >50 To 100, Deduct	*-43.42*	
		For >100, Deduct	*-68.00*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	513.55	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.50*	
		For Stave Lumber Core (SLC), Add	*281.24*	
		For Structural Composite Lumber Core (SCLC), Add	*168.74*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*646.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*202.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*281.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*449.98*	
		For >25 To 50, Deduct	*-25.39*	
		For >50 To 100, Deduct	*-46.67*	
		For >100, Deduct	*-73.57*	
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	591.34	72.17
		For 7 Ply Cold Press Construction, Deduct	*-8.94*	
		For Stave Lumber Core (SLC), Add	*335.25*	
		For Structural Composite Lumber Core (SCLC), Add	*201.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*771.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*241.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*335.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*536.40*	
		For >25 To 50, Deduct	*-28.71*	
		For >50 To 100, Deduct	*-53.55*	
		For >100, Deduct	*-85.09*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	638.38	72.17
		For 7 Ply Cold Press Construction, Deduct	*-9.88*	
		For Stave Lumber Core (SLC), Add	*370.53*	
		For Structural Composite Lumber Core (SCLC), Add	*222.32*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*852.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*266.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*370.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*592.85*	
		For >25 To 50, Deduct	*-30.59*	
		For >50 To 100, Deduct	*-57.66*	
		For >100, Deduct	*-92.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	685.48	72.17
		For 7 Ply Cold Press Construction, Deduct	*-10.82*	
		For Stave Lumber Core (SLC), Add	*405.86*	
		For Structural Composite Lumber Core (SCLC), Add	*243.51*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*933.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*292.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*405.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*649.37*	
		For >25 To 50, Deduct	*-32.47*	
		For >50 To 100, Deduct	*-61.78*	
		For >100, Deduct	*-99.21*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	477.68	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.55*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-68.48*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	477.68	63.51
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.55*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-68.48*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.45	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*604.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-43.96*	
		For >100, Deduct	*-69.20*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	487.05	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.69*	
		For Structural Composite Lumber Core (SCLC), Add	*159.41*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*611.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*191.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*425.10*	
		For >25 To 50, Deduct	*-24.13*	
		For >50 To 100, Deduct	*-44.28*	
		For >100, Deduct	*-69.74*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	488.69	66.40
		For 7 Ply Cold Press Construction, Deduct	*-7.12*	
		For Stave Lumber Core (SLC), Add	*266.92*	
		For Structural Composite Lumber Core (SCLC), Add	*160.15*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*613.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.07*	
		For >25 To 50, Deduct	*-24.20*	
		For >50 To 100, Deduct	*-44.42*	
		For >100, Deduct	*-69.98*	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	496.09	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.14*	
		For Structural Composite Lumber Core (SCLC), Add	*160.88*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*616.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.02*	
		For >25 To 50, Deduct	*-24.69*	
		For >50 To 100, Deduct	*-45.14*	
		For >100, Deduct	*-70.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	535.36	69.28
		For 7 Ply Cold Press Construction, Deduct	*-7.94*	
		For Stave Lumber Core (SLC), Add	*297.59*	
		For Structural Composite Lumber Core (SCLC), Add	*178.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*684.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*476.15*	
		For >25 To 50, Deduct	*-26.26*	
		For >50 To 100, Deduct	*-48.58*	
		For >100, Deduct	*-76.84*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	617.36	72.17
		For 7 Ply Cold Press Construction, Deduct	*-9.46*	
		For Stave Lumber Core (SLC), Add	*354.77*	
		For Structural Composite Lumber Core (SCLC), Add	*212.86*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*815.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*255.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*354.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*567.62*	
		For >25 To 50, Deduct	*-29.75*	
		For >50 To 100, Deduct	*-55.82*	
		For >100, Deduct	*-89.00*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	667.15	72.17
		For 7 Ply Cold Press Construction, Deduct	*-10.46*	
		For Stave Lumber Core (SLC), Add	*392.11*	
		For Structural Composite Lumber Core (SCLC), Add	*235.26*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*901.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*392.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*627.37*	
		For >25 To 50, Deduct	*-31.74*	
		For >50 To 100, Deduct	*-60.18*	
		For >100, Deduct	*-96.46*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	716.98	72.17
		For 7 Ply Cold Press Construction, Deduct	*-11.45*	
		For Stave Lumber Core (SLC), Add	*429.48*	
		For Structural Composite Lumber Core (SCLC), Add	*257.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*987.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*429.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*687.17*	
		For >25 To 50, Deduct	*-33.73*	
		For >50 To 100, Deduct	*-64.54*	
		For >100, Deduct	*-103.94*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.05	63.51
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.29*	
		For >50 To 100, Deduct	*-49.37*	
		For >100, Deduct	*-78.73*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.05	63.51
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.29*	
		For >50 To 100, Deduct	*-49.37*	
		For >100, Deduct	*-78.73*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	551.82	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*722.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >25 To 50, Deduct	*-26.72*	
		For >50 To 100, Deduct	*-49.94*	
		For >100, Deduct	*-79.45*	
		For 9' Door Height, Add	*87.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	556.13	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.50*	
		For Structural Composite Lumber Core (SCLC), Add	*190.50*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*730.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*508.00*	
		For >25 To 50, Deduct	*-26.89*	
		For >50 To 100, Deduct	*-50.32*	
		For >100, Deduct	*-80.10*	
		For 9' Door Height, Add	*88.90*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	558.09	66.40
		For 7 Ply Cold Press Construction, Deduct	*-8.51*	
		For Stave Lumber Core (SLC), Add	*318.97*	
		For Structural Composite Lumber Core (SCLC), Add	*191.38*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*733.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*318.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*510.35*	
		For >25 To 50, Deduct	*-26.97*	
		For >50 To 100, Deduct	*-50.49*	
		For >100, Deduct	*-80.39*	
		For 9' Door Height, Add	*89.31*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	565.80	69.28
		For 7 Ply Cold Press Construction, Deduct	*-8.54*	
		For Stave Lumber Core (SLC), Add	*320.42*	
		For Structural Composite Lumber Core (SCLC), Add	*192.25*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*736.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*320.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*512.68*	
		For >25 To 50, Deduct	*-27.48*	
		For >50 To 100, Deduct	*-51.24*	
		For >100, Deduct	*-81.41*	
		For 9' Door Height, Add	*89.72*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	612.73	69.28
		For 7 Ply Cold Press Construction, Deduct	*-9.48*	
		For Stave Lumber Core (SLC), Add	*355.62*	
		For Structural Composite Lumber Core (SCLC), Add	*213.37*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*817.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*256.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*355.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*568.99*	
		For >25 To 50, Deduct	*-29.36*	
		For >50 To 100, Deduct	*-55.35*	
		For >100, Deduct	*-88.45*	
		For 9' Door Height, Add	*99.57*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	709.59	72.17
		For 7 Ply Cold Press Construction, Deduct	*-11.31*	
		For Stave Lumber Core (SLC), Add	*423.94*	
		For Structural Composite Lumber Core (SCLC), Add	*254.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*975.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*305.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*423.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*678.30*	
		For >25 To 50, Deduct	*-33.44*	
		For >50 To 100, Deduct	*-63.89*	
		For >100, Deduct	*-102.83*	
		For 9' Door Height, Add	*118.70*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	769.09	72.17
		For 7 Ply Cold Press Construction, Deduct	*-12.50*	
		For Stave Lumber Core (SLC), Add	*468.56*	
		For Structural Composite Lumber Core (SCLC), Add	*281.14*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,077.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.70*	
		For >25 To 50, Deduct	*-35.82*	
		For >50 To 100, Deduct	*-69.10*	
		For >100, Deduct	*-111.76*	
		For 9' Door Height, Add	*131.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	828.62	72.17
		For 7 Ply Cold Press Construction, Deduct	*-13.69*	
		For Stave Lumber Core (SLC), Add	*513.21*	
		For Structural Composite Lumber Core (SCLC), Add	*307.93*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,180.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*82.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*369.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*513.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*821.14*	
		For >25 To 50, Deduct	*-38.20*	
		For >50 To 100, Deduct	*-74.31*	
		For >100, Deduct	*-120.68*	
		For 9' Door Height, Add	*143.70*	

08 14 16 00-0565 Cherry Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	654.78	63.51
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	654.78	63.51
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	660.55	66.40
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	665.97	66.40
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	668.45	66.40
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	676.66	69.28
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	735.75	69.28
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	893.71	72.17
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	931.72	72.17
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,006.14	72.17
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	685.50	63.51
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	685.50	63.51
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	691.27	66.40
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	697.00	66.40
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	699.60	66.40
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	707.97	69.28
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	770.54	69.28
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	937.33	72.17
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	977.67	72.17
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,056.28	72.17
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	794.37	63.51
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	794.37	63.51
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	800.14	66.40
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	807.04	66.40
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	810.14	66.40
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	819.01	69.28
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	893.75	69.28
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,091.97	72.17
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,139.97	72.17
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,234.12	72.17

08 14 16 00-0596 Walnut Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	728.97	63.51
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,038.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >25 To 50, Deduct	*-33.60*	
		For >50 To 100, Deduct	*-65.37*	
		For >100, Deduct	*-106.17*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	728.97	63.51
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,038.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >25 To 50, Deduct	*-33.60*	
		For >50 To 100, Deduct	*-65.37*	
		For >100, Deduct	*-106.17*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	734.94	66.40
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.61*	
		For Structural Composite Lumber Core (SCLC), Add	*270.96*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,038.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.57*	
		For >25 To 50, Deduct	*-34.05*	
		For >50 To 100, Deduct	*-65.97*	
		For >100, Deduct	*-106.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	741.14	66.40
		For 7 Ply Cold Press Construction, Deduct	*-12.17*	
		For Stave Lumber Core (SLC), Add	*456.26*	
		For Structural Composite Lumber Core (SCLC), Add	*273.75*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,049.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*328.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*456.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*730.01*	
		For >25 To 50, Deduct	*-34.29*	
		For >50 To 100, Deduct	*-66.51*	
		For >100, Deduct	*-107.85*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	757.37	66.40
		For 7 Ply Cold Press Construction, Deduct	*-12.49*	
		For Stave Lumber Core (SLC), Add	*468.43*	
		For Structural Composite Lumber Core (SCLC), Add	*281.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,077.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.48*	
		For >25 To 50, Deduct	*-34.94*	
		For >50 To 100, Deduct	*-67.93*	
		For >100, Deduct	*-110.29*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	779.33	69.28
		For 7 Ply Cold Press Construction, Deduct	*-12.82*	
		For Stave Lumber Core (SLC), Add	*480.57*	
		For Structural Composite Lumber Core (SCLC), Add	*288.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,105.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*346.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.91*	
		For >25 To 50, Deduct	*-36.02*	
		For >50 To 100, Deduct	*-69.92*	
		For >100, Deduct	*-113.44*	
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	821.41	69.28
		For 7 Ply Cold Press Construction, Deduct	*-13.66*	
		For Stave Lumber Core (SLC), Add	*512.13*	
		For Structural Composite Lumber Core (SCLC), Add	*307.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,177.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*368.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*512.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*819.41*	
		For >25 To 50, Deduct	*-37.71*	
		For >50 To 100, Deduct	*-73.61*	
		For >100, Deduct	*-119.75*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,004.79	72.17
		For 7 Ply Cold Press Construction, Deduct	*-17.21*	
		For Stave Lumber Core (SLC), Add	*645.34*	
		For Structural Composite Lumber Core (SCLC), Add	*387.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,484.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*464.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*645.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,032.54*	
		For >25 To 50, Deduct	*-45.24*	
		For >50 To 100, Deduct	*-89.72*	
		For >100, Deduct	*-147.11*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,047.80	72.17
		For 7 Ply Cold Press Construction, Deduct	*-18.07*	
		For Stave Lumber Core (SLC), Add	*677.60*	
		For Structural Composite Lumber Core (SCLC), Add	*406.56*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,558.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*108.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*487.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*677.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,084.15*	
		For >25 To 50, Deduct	*-46.96*	
		For >50 To 100, Deduct	*-93.49*	
		For >100, Deduct	*-153.56*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,133.89	72.17
		For 7 Ply Cold Press Construction, Deduct	*-19.79*	
		For Stave Lumber Core (SLC), Add	*742.16*	
		For Structural Composite Lumber Core (SCLC), Add	*445.30*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,706.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*118.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*534.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*742.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,187.46*	
		For >25 To 50, Deduct	*-50.41*	
		For >50 To 100, Deduct	*-101.02*	
		For >100, Deduct	*-166.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	764.00	63.51
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,098.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >25 To 50, Deduct	*-35.01*	
		For >50 To 100, Deduct	*-68.44*	
		For >100, Deduct	*-111.42*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	764.00	63.51
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,098.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >25 To 50, Deduct	*-35.01*	
		For >50 To 100, Deduct	*-68.44*	
		For >100, Deduct	*-111.42*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	769.96	66.40
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.87*	
		For Structural Composite Lumber Core (SCLC), Add	*286.72*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,099.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*344.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.59*	
		For >25 To 50, Deduct	*-35.45*	
		For >50 To 100, Deduct	*-69.03*	
		For >100, Deduct	*-112.17*	
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	776.55	66.40
		For 7 Ply Cold Press Construction, Deduct	*-12.88*	
		For Stave Lumber Core (SLC), Add	*482.81*	
		For Structural Composite Lumber Core (SCLC), Add	*289.69*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,110.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*77.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*347.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*482.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*772.50*	
		For >25 To 50, Deduct	*-35.71*	
		For >50 To 100, Deduct	*-69.61*	
		For >100, Deduct	*-113.16*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	793.71	66.40
		For 7 Ply Cold Press Construction, Deduct	*-13.22*	
		For Stave Lumber Core (SLC), Add	*495.68*	
		For Structural Composite Lumber Core (SCLC), Add	*297.41*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,140.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*356.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*495.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*793.09*	
		For >25 To 50, Deduct	*-36.40*	
		For >50 To 100, Deduct	*-71.11*	
		For >100, Deduct	*-115.74*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	816.61	69.28
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.53*	
		For Structural Composite Lumber Core (SCLC), Add	*305.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,169.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.65*	
		For >25 To 50, Deduct	*-37.51*	
		For >50 To 100, Deduct	*-73.19*	
		For >100, Deduct	*-119.03*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	861.16	69.28
		For 7 Ply Cold Press Construction, Deduct	*-14.45*	
		For Stave Lumber Core (SLC), Add	*541.94*	
		For Structural Composite Lumber Core (SCLC), Add	*325.17*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,246.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*86.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*390.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*541.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*867.11*	
		For >25 To 50, Deduct	*-39.30*	
		For >50 To 100, Deduct	*-77.08*	
		For >100, Deduct	*-125.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,054.85	72.17
		For 7 Ply Cold Press Construction, Deduct	*-18.21*	
		For Stave Lumber Core (SLC), Add	*682.88*	
		For Structural Composite Lumber Core (SCLC), Add	*409.73*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,570.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*491.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*682.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,092.61*	
		For >25 To 50, Deduct	*-47.25*	
		For >50 To 100, Deduct	*-94.10*	
		For >100, Deduct	*-154.62*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,100.37	72.17
		For 7 Ply Cold Press Construction, Deduct	*-19.12*	
		For Stave Lumber Core (SLC), Add	*717.02*	
		For Structural Composite Lumber Core (SCLC), Add	*430.21*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,649.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*516.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*717.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,147.24*	
		For >25 To 50, Deduct	*-49.07*	
		For >50 To 100, Deduct	*-98.09*	
		For >100, Deduct	*-161.45*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,191.46	72.17
		For 7 Ply Cold Press Construction, Deduct	*-20.94*	
		For Stave Lumber Core (SLC), Add	*785.34*	
		For Structural Composite Lumber Core (SCLC), Add	*471.20*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,806.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*565.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*785.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,256.54*	
		For >25 To 50, Deduct	*-52.71*	
		For >50 To 100, Deduct	*-106.06*	
		For >100, Deduct	*-175.11*	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	888.21	63.51
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,313.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >25 To 50, Deduct	*-39.97*	
		For >50 To 100, Deduct	*-79.31*	
		For >100, Deduct	*-130.06*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	888.21	63.51
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,313.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >25 To 50, Deduct	*-39.97*	
		For >50 To 100, Deduct	*-79.31*	
		For >100, Deduct	*-130.06*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	894.22	66.40
		For 7 Ply Cold Press Construction, Deduct	*-15.23*	
		For Stave Lumber Core (SLC), Add	*571.07*	
		For Structural Composite Lumber Core (SCLC), Add	*342.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,313.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*571.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.70*	
		For >25 To 50, Deduct	*-40.42*	
		For >50 To 100, Deduct	*-79.90*	
		For >100, Deduct	*-130.81*	
		For 9' Door Height, Add	*159.90*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	902.08	66.40
		For 7 Ply Cold Press Construction, Deduct	*-15.39*	
		For Stave Lumber Core (SLC), Add	*576.96*	
		For Structural Composite Lumber Core (SCLC), Add	*346.18*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,327.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*92.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*415.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*576.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*923.14*	
		For >25 To 50, Deduct	*-40.73*	
		For >50 To 100, Deduct	*-80.59*	
		For >100, Deduct	*-131.99*	
		For 9' Door Height, Add	*161.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	922.58	66.40
		For 7 Ply Cold Press Construction, Deduct	*-15.80*	
		For Stave Lumber Core (SLC), Add	*592.34*	
		For Structural Composite Lumber Core (SCLC), Add	*355.40*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,362.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*426.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*592.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*947.74*	
		For >25 To 50, Deduct	*-41.55*	
		For >50 To 100, Deduct	*-82.39*	
		For >100, Deduct	*-135.07*	
		For 9' Door Height, Add	*165.85*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	948.84	69.28
		For 7 Ply Cold Press Construction, Deduct	*-16.21*	
		For Stave Lumber Core (SLC), Add	*607.70*	
		For Structural Composite Lumber Core (SCLC), Add	*364.62*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,397.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.32*	
		For >25 To 50, Deduct	*-42.80*	
		For >50 To 100, Deduct	*-84.76*	
		For >100, Deduct	*-138.86*	
		For 9' Door Height, Add	*170.16*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,002.08	69.28
		For 7 Ply Cold Press Construction, Deduct	*-17.27*	
		For Stave Lumber Core (SLC), Add	*647.63*	
		For Structural Composite Lumber Core (SCLC), Add	*388.58*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,489.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*466.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*647.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,036.21*	
		For >25 To 50, Deduct	*-44.93*	
		For >50 To 100, Deduct	*-89.41*	
		For >100, Deduct	*-146.85*	
		For 9' Door Height, Add	*181.34*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,232.42	72.17
		For 7 Ply Cold Press Construction, Deduct	*-21.76*	
		For Stave Lumber Core (SLC), Add	*816.06*	
		For Structural Composite Lumber Core (SCLC), Add	*489.64*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,876.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*130.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*587.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*816.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,305.70*	
		For >25 To 50, Deduct	*-54.35*	
		For >50 To 100, Deduct	*-109.64*	
		For >100, Deduct	*-181.25*	
		For 9' Door Height, Add	*228.50*	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,286.81	72.17
		For 7 Ply Cold Press Construction, Deduct	*-22.85*	
		For Stave Lumber Core (SLC), Add	*856.85*	
		For Structural Composite Lumber Core (SCLC), Add	*514.11*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*1,970.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*137.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*616.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*856.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,370.96*	
		For >25 To 50, Deduct	*-56.52*	
		For >50 To 100, Deduct	*-114.40*	
		For >100, Deduct	*-189.41*	
		For 9' Door Height, Add	*239.92*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,395.65	72.17
		For 7 Ply Cold Press Construction, Deduct	*-25.03*	
		For Stave Lumber Core (SLC), Add	*938.48*	
		For Structural Composite Lumber Core (SCLC), Add	*563.09*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*2,158.51*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*150.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*675.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*938.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,501.57*	
		For >25 To 50, Deduct	*-60.88*	
		For >50 To 100, Deduct	*-123.92*	
		For >100, Deduct	*-205.74*	
		For 9' Door Height, Add	*262.78*	

08 14 16 00-0627 Lauan Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0628	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.54	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*268.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >25 To 50, Deduct	*-15.75*	
		For >50 To 100, Deduct	*-26.31*	
		For >100, Deduct	*-39.21*	
08 14 16 00-0629	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.54	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*268.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >25 To 50, Deduct	*-15.75*	
		For >50 To 100, Deduct	*-26.31*	
		For >100, Deduct	*-39.21*	
08 14 16 00-0630	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	288.76	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*269.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*84.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*187.15*	
		For >25 To 50, Deduct	*-16.20*	
		For >50 To 100, Deduct	*-26.93*	
		For >100, Deduct	*-39.99*	
08 14 16 00-0631	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	293.24	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*276.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*192.53*	
		For >25 To 50, Deduct	*-16.38*	
		For >50 To 100, Deduct	*-27.32*	
		For >100, Deduct	*-40.67*	
08 14 16 00-0632	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	294.86	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*279.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.47*	
		For >25 To 50, Deduct	*-16.44*	
		For >50 To 100, Deduct	*-27.46*	
		For >100, Deduct	*-40.91*	
08 14 16 00-0633	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.25	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*282.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*122.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*196.42*	
		For >25 To 50, Deduct	*-16.94*	
		For >50 To 100, Deduct	*-28.18*	
		For >100, Deduct	*-41.87*	
08 14 16 00-0634	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	317.04	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*307.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.16*	
		For >25 To 50, Deduct	*-17.53*	
		For >50 To 100, Deduct	*-29.47*	
		For >100, Deduct	*-44.09*	
08 14 16 00-0635	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	335.54	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*329.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*229.44*	
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-31.16*	
		For >100, Deduct	*-46.72*	
08 14 16 00-0636	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.10	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*346.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*240.91*	
		For >25 To 50, Deduct	*-18.86*	
		For >50 To 100, Deduct	*-32.00*	
		For >100, Deduct	*-48.16*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0637	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	364.23	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*379.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.87*	
		For >25 To 50, Deduct	*-19.62*	
		For >50 To 100, Deduct	*-33.67*	
		For >100, Deduct	*-51.03*	
08 14 16 00-0638	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.58	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*283.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >25 To 50, Deduct	*-16.11*	
		For >50 To 100, Deduct	*-27.10*	
		For >100, Deduct	*-40.56*	
08 14 16 00-0639	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.58	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*283.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >25 To 50, Deduct	*-16.11*	
		For >50 To 100, Deduct	*-27.10*	
		For >100, Deduct	*-40.56*	
08 14 16 00-0640	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	297.83	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*284.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*89.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*198.04*	
		For >25 To 50, Deduct	*-16.56*	
		For >50 To 100, Deduct	*-27.72*	
		For >100, Deduct	*-41.35*	
08 14 16 00-0641	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.57	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*292.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*203.72*	
		For >25 To 50, Deduct	*-16.75*	
		For >50 To 100, Deduct	*-28.13*	
		For >100, Deduct	*-42.07*	
08 14 16 00-0642	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	304.30	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*295.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.58*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*128.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*205.80*	
		For >25 To 50, Deduct	*-16.82*	
		For >50 To 100, Deduct	*-28.29*	
		For >100, Deduct	*-42.33*	
08 14 16 00-0643	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	311.77	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*298.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*129.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*207.84*	
		For >25 To 50, Deduct	*-17.32*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-43.30*	
08 14 16 00-0644	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	327.42	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*325.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*226.62*	
		For >25 To 50, Deduct	*-17.95*	
		For >50 To 100, Deduct	*-30.38*	
		For >100, Deduct	*-45.65*	
08 14 16 00-0645	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	346.67	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*349.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.80*	
		For >25 To 50, Deduct	*-18.92*	
		For >50 To 100, Deduct	*-32.14*	
		For >100, Deduct	*-48.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0646	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	356.78	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*366.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*254.93*	
		For >25 To 50, Deduct	*-19.32*	
		For >50 To 100, Deduct	*-33.02*	
		For >100, Deduct	*-49.91*	
08 14 16 00-0647	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	377.03	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*401.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*279.23*	
		For >25 To 50, Deduct	*-20.13*	
		For >50 To 100, Deduct	*-34.79*	
		For >100, Deduct	*-52.95*	
08 14 16 00-0648	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.65	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*339.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >25 To 50, Deduct	*-17.39*	
		For >50 To 100, Deduct	*-29.91*	
		For >100, Deduct	*-45.37*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0649	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.65	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*339.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >25 To 50, Deduct	*-17.39*	
		For >50 To 100, Deduct	*-29.91*	
		For >100, Deduct	*-45.37*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0650	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	330.00	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*340.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.64*	
		For >25 To 50, Deduct	*-17.85*	
		For >50 To 100, Deduct	*-30.54*	
		For >100, Deduct	*-46.18*	
		For 9' Door Height, Add	*41.41*	
08 14 16 00-0651	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	335.68	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*349.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*152.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*243.46*	
		For >25 To 50, Deduct	*-18.08*	
		For >50 To 100, Deduct	*-31.03*	
		For >100, Deduct	*-47.03*	
		For 9' Door Height, Add	*42.60*	
08 14 16 00-0652	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	337.74	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*353.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.93*	
		For >25 To 50, Deduct	*-18.16*	
		For >50 To 100, Deduct	*-31.21*	
		For >100, Deduct	*-47.34*	
		For 9' Door Height, Add	*43.04*	
08 14 16 00-0653	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	345.56	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*357.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.39*	
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-31.97*	
		For >100, Deduct	*-48.37*	
		For 9' Door Height, Add	*43.47*	
08 14 16 00-0654	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	364.26	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*389.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*169.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*270.83*	
		For >25 To 50, Deduct	*-19.42*	
		For >50 To 100, Deduct	*-33.60*	
		For >100, Deduct	*-51.17*	
		For 9' Door Height, Add	*47.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0655	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	386.12	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*417.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*181.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*290.14*	
		For >25 To 50, Deduct	*-20.50*	
		For >50 To 100, Deduct	*-35.59*	
		For >100, Deduct	*-54.31*	
		For 9' Door Height, Add	*50.77*	
08 14 16 00-0656	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	398.20	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*437.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*304.63*	
		For >25 To 50, Deduct	*-20.98*	
		For >50 To 100, Deduct	*-36.65*	
		For >100, Deduct	*-56.12*	
		For 9' Door Height, Add	*53.31*	
08 14 16 00-0657	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	422.40	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*479.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.67*	
		For >25 To 50, Deduct	*-21.95*	
		For >50 To 100, Deduct	*-38.76*	
		For >100, Deduct	*-59.75*	
		For 9' Door Height, Add	*58.39*	

08 14 16 00-0658 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0659	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.97	63.51
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*72.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*101.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*161.93*	
		For >25 To 50, Deduct	*-14.92*	
		For >50 To 100, Deduct	*-24.51*	
		For >100, Deduct	*-36.12*	
08 14 16 00-0660	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.97	63.51
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*72.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*101.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*161.93*	
		For >25 To 50, Deduct	*-14.92*	
		For >50 To 100, Deduct	*-24.51*	
		For >100, Deduct	*-36.12*	
08 14 16 00-0661	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	275.55	66.40
		For Stave Lumber Core (SLC), Add	*107.06*	
		For Structural Composite Lumber Core (SCLC), Add	*64.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.30*	
		For >25 To 50, Deduct	*-15.67*	
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-38.01*	
08 14 16 00-0662	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	283.35	66.40
		For Stave Lumber Core (SLC), Add	*112.91*	
		For Structural Composite Lumber Core (SCLC), Add	*67.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*81.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*112.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*180.66*	
		For >25 To 50, Deduct	*-15.98*	
		For >50 To 100, Deduct	*-26.45*	
		For >100, Deduct	*-39.18*	
08 14 16 00-0663	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	284.80	66.40
		For Stave Lumber Core (SLC), Add	*114.00*	
		For Structural Composite Lumber Core (SCLC), Add	*68.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*114.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*182.40*	
		For >25 To 50, Deduct	*-16.04*	
		For >50 To 100, Deduct	*-26.58*	
		For >100, Deduct	*-39.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0664	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	292.04	69.28
		For Stave Lumber Core (SLC), Add	*115.10*	
		For Structural Composite Lumber Core (SCLC), Add	*69.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*115.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*184.16*	
		For >25 To 50, Deduct	*-16.53*	
		For >50 To 100, Deduct	*-27.29*	
		For >100, Deduct	*-40.34*	
08 14 16 00-0665	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.96	69.28
		For Stave Lumber Core (SLC), Add	*127.79*	
		For Structural Composite Lumber Core (SCLC), Add	*76.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.47*	
		For >25 To 50, Deduct	*-17.21*	
		For >50 To 100, Deduct	*-28.77*	
		For >100, Deduct	*-42.88*	
08 14 16 00-0666	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	345.62	72.17
		For Stave Lumber Core (SLC), Add	*150.96*	
		For Structural Composite Lumber Core (SCLC), Add	*90.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.54*	
		For >25 To 50, Deduct	*-18.88*	
		For >50 To 100, Deduct	*-32.05*	
		For >100, Deduct	*-48.23*	
08 14 16 00-0667	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	355.69	72.17
		For Stave Lumber Core (SLC), Add	*158.51*	
		For Structural Composite Lumber Core (SCLC), Add	*95.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.62*	
		For >25 To 50, Deduct	*-19.28*	
		For >50 To 100, Deduct	*-32.93*	
		For >100, Deduct	*-49.75*	
08 14 16 00-0668	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	375.80	72.17
		For Stave Lumber Core (SLC), Add	*173.60*	
		For Structural Composite Lumber Core (SCLC), Add	*104.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*173.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*277.75*	
		For >25 To 50, Deduct	*-20.08*	
		For >50 To 100, Deduct	*-34.69*	
		For >100, Deduct	*-52.76*	
08 14 16 00-0669	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	269.83	63.51
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.36*	
		For >25 To 50, Deduct	*-15.24*	
		For >50 To 100, Deduct	*-25.20*	
		For >100, Deduct	*-37.30*	
08 14 16 00-0670	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	269.83	63.51
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*77.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*107.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*171.36*	
		For >25 To 50, Deduct	*-15.24*	
		For >50 To 100, Deduct	*-25.20*	
		For >100, Deduct	*-37.30*	
08 14 16 00-0671	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	283.87	66.40
		For Stave Lumber Core (SLC), Add	*113.30*	
		For Structural Composite Lumber Core (SCLC), Add	*67.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*81.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*113.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*181.28*	
		For >25 To 50, Deduct	*-16.00*	
		For >50 To 100, Deduct	*-26.50*	
		For >100, Deduct	*-39.26*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0672	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	292.12	66.40
		For Stave Lumber Core (SLC), Add	*119.49*	
		For Structural Composite Lumber Core (SCLC), Add	*71.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*119.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*191.18*	
		For >25 To 50, Deduct	*-16.33*	
		For >50 To 100, Deduct	*-27.22*	
		For >100, Deduct	*-40.50*	
08 14 16 00-0673	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	293.65	66.40
		For Stave Lumber Core (SLC), Add	*120.64*	
		For Structural Composite Lumber Core (SCLC), Add	*72.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*193.02*	
		For >25 To 50, Deduct	*-16.39*	
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-40.73*	
08 14 16 00-0674	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	300.98	69.28
		For Stave Lumber Core (SLC), Add	*121.81*	
		For Structural Composite Lumber Core (SCLC), Add	*73.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.89*	
		For >25 To 50, Deduct	*-16.89*	
		For >50 To 100, Deduct	*-28.07*	
		For >100, Deduct	*-41.68*	
08 14 16 00-0675	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	318.87	69.28
		For Stave Lumber Core (SLC), Add	*135.23*	
		For Structural Composite Lumber Core (SCLC), Add	*81.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.36*	
		For >25 To 50, Deduct	*-17.60*	
		For >50 To 100, Deduct	*-29.63*	
		For >100, Deduct	*-44.37*	
08 14 16 00-0676	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	357.33	72.17
		For Stave Lumber Core (SLC), Add	*159.74*	
		For Structural Composite Lumber Core (SCLC), Add	*95.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.59*	
		For >25 To 50, Deduct	*-19.35*	
		For >50 To 100, Deduct	*-33.07*	
		For >100, Deduct	*-49.99*	
08 14 16 00-0677	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	367.99	72.17
		For Stave Lumber Core (SLC), Add	*167.74*	
		For Structural Composite Lumber Core (SCLC), Add	*100.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*120.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*167.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*268.38*	
		For >25 To 50, Deduct	*-19.77*	
		For >50 To 100, Deduct	*-34.00*	
		For >100, Deduct	*-51.59*	
08 14 16 00-0678	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	389.28	72.17
		For Stave Lumber Core (SLC), Add	*183.71*	
		For Structural Composite Lumber Core (SCLC), Add	*110.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*293.93*	
		For >25 To 50, Deduct	*-20.62*	
		For >50 To 100, Deduct	*-35.87*	
		For >100, Deduct	*-54.78*	
08 14 16 00-0679	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	297.67	63.51
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.77*	
		For >25 To 50, Deduct	*-16.35*	
		For >50 To 100, Deduct	*-27.63*	
		For >100, Deduct	*-41.47*	
		For 9' Door Height, Add	*35.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0680	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	297.67	63.51
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.77*	
		For >25 To 50, Deduct	*-16.35*	
		For >50 To 100, Deduct	*-27.63*	
		For >100, Deduct	*-41.47*	
		For 9' Door Height, Add	*35.83*	
08 14 16 00-0681	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	313.33	66.40
		For Stave Lumber Core (SLC), Add	*135.40*	
		For Structural Composite Lumber Core (SCLC), Add	*81.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.64*	
		For >25 To 50, Deduct	*-17.18*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-43.68*	
		For 9' Door Height, Add	*37.91*	
08 14 16 00-0682	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	323.19	66.40
		For Stave Lumber Core (SLC), Add	*142.79*	
		For Structural Composite Lumber Core (SCLC), Add	*85.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*228.47*	
		For >25 To 50, Deduct	*-17.58*	
		For >50 To 100, Deduct	*-29.94*	
		For >100, Deduct	*-45.16*	
		For 9' Door Height, Add	*39.98*	
08 14 16 00-0683	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	325.02	66.40
		For Stave Lumber Core (SLC), Add	*144.17*	
		For Structural Composite Lumber Core (SCLC), Add	*86.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*144.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*230.66*	
		For >25 To 50, Deduct	*-17.65*	
		For >50 To 100, Deduct	*-30.10*	
		For >100, Deduct	*-45.43*	
		For 9' Door Height, Add	*40.37*	
08 14 16 00-0684	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	332.65	69.28
		For Stave Lumber Core (SLC), Add	*145.56*	
		For Structural Composite Lumber Core (SCLC), Add	*87.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.90*	
		For >25 To 50, Deduct	*-18.16*	
		For >50 To 100, Deduct	*-30.84*	
		For >100, Deduct	*-46.43*	
		For 9' Door Height, Add	*40.76*	
08 14 16 00-0685	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	354.03	69.28
		For Stave Lumber Core (SLC), Add	*161.60*	
		For Structural Composite Lumber Core (SCLC), Add	*96.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*116.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*161.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*258.55*	
		For >25 To 50, Deduct	*-19.01*	
		For >50 To 100, Deduct	*-32.71*	
		For >100, Deduct	*-49.64*	
		For 9' Door Height, Add	*45.25*	
08 14 16 00-0686	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	398.85	72.17
		For Stave Lumber Core (SLC), Add	*190.88*	
		For Structural Composite Lumber Core (SCLC), Add	*114.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*305.41*	
		For >25 To 50, Deduct	*-21.01*	
		For >50 To 100, Deduct	*-36.70*	
		For >100, Deduct	*-56.22*	
		For 9' Door Height, Add	*53.45*	
08 14 16 00-0687	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	411.60	72.17
		For Stave Lumber Core (SLC), Add	*200.45*	
		For Structural Composite Lumber Core (SCLC), Add	*120.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*144.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*200.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*320.71*	
		For >25 To 50, Deduct	*-21.52*	
		For >50 To 100, Deduct	*-37.82*	
		For >100, Deduct	*-58.13*	
		For 9' Door Height, Add	*56.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0688	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	437.04	72.17
		For Stave Lumber Core (SLC), Add	*219.53*	
		For Structural Composite Lumber Core (SCLC), Add	*131.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*219.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*351.24*	
		For >25 To 50, Deduct	*-22.53*	
		For >50 To 100, Deduct	*-40.05*	
		For >100, Deduct	*-61.95*	
		For 9' Door Height, Add	*61.47*	

08 14 16 00-0689 2-1/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0690 Birch Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0691	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	363.69	63.51
08 14 16 00-0692	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	363.69	63.51
08 14 16 00-0693	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	381.84	66.40
08 14 16 00-0694	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	392.20	66.40
08 14 16 00-0695	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	399.16	66.40
08 14 16 00-0696	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	411.80	69.28
08 14 16 00-0697	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	441.85	69.28
08 14 16 00-0698	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	512.55	72.17
08 14 16 00-0699	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	530.99	72.17
08 14 16 00-0700	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	579.34	77.95
08 14 16 00-0701	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.46	63.51
08 14 16 00-0702	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	377.46	63.51
08 14 16 00-0703	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	396.32	66.40
08 14 16 00-0704	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	407.31	66.40
08 14 16 00-0705	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	414.65	66.40
08 14 16 00-0706	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.70	69.28
08 14 16 00-0707	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	459.50	69.28
08 14 16 00-0708	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	533.99	72.17
08 14 16 00-0709	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	553.49	72.17
08 14 16 00-0710	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	603.99	77.95
08 14 16 00-0711	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.56	63.51
08 14 16 00-0712	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.56	63.51
08 14 16 00-0713	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	449.03	66.40
08 14 16 00-0714	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	462.21	66.40
08 14 16 00-0715	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	471.01	66.40
08 14 16 00-0716	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	485.51	69.28
08 14 16 00-0717	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	523.69	69.28
08 14 16 00-0718	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	611.93	72.17
08 14 16 00-0719	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	635.33	72.17
08 14 16 00-0720	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	693.60	77.95

08 14 16 00-0721 Oak Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0722	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	631.41	63.51
08 14 16 00-0723	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	631.41	63.51
08 14 16 00-0724	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	637.18	66.40
08 14 16 00-0725	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	642.41	66.40
08 14 16 00-0726	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	644.74	66.40
08 14 16 00-0727	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	652.83	69.28
08 14 16 00-0728	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	709.36	69.28
08 14 16 00-0729	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	860.58	72.17
08 14 16 00-0730	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	896.88	72.17
08 14 16 00-0731	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	979.58	77.95
08 14 16 00-0732	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	660.78	63.51
08 14 16 00-0733	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	660.78	63.51
08 14 16 00-0734	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	666.55	66.40
08 14 16 00-0735	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	672.05	66.40
08 14 16 00-0736	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	674.53	66.40
08 14 16 00-0737	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	682.78	69.28
08 14 16 00-0738	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	742.57	69.28
08 14 16 00-0739	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	902.27	72.17
08 14 16 00-0740	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	940.67	72.17
08 14 16 00-0741	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,027.51	77.95
08 14 16 00-0742	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	767.52	63.51
08 14 16 00-0743	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	767.52	63.51
08 14 16 00-0744	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	773.29	66.40
08 14 16 00-0745	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	779.92	66.40
08 14 16 00-0746	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	782.86	66.40
08 14 16 00-0747	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	791.62	69.28
08 14 16 00-0748	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	863.37	69.28
08 14 16 00-0749	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,053.84	72.17
08 14 16 00-0750	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,099.95	72.17
08 14 16 00-0751	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,201.82	77.95

08 14 16 00-0752 Maple Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0753	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	553.06	63.51
08 14 16 00-0754	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	553.06	63.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0755	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	558.83	66.40
08 14 16 00-0756	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	563.25	66.40
08 14 16 00-0757	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	565.21	66.40
08 14 16 00-0758	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	572.94	69.28
08 14 16 00-0759	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	620.67	69.28
08 14 16 00-0760	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	719.05	72.17
08 14 16 00-0761	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	779.56	72.17
08 14 16 00-0762	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	840.08	72.17
08 14 16 00-0763	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	577.85	63.51
08 14 16 00-0764	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	577.85	63.51
08 14 16 00-0765	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	583.62	66.40
08 14 16 00-0766	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	588.28	66.40
08 14 16 00-0767	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	590.35	66.40
08 14 16 00-0768	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	598.22	69.28
08 14 16 00-0769	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	648.73	69.28
08 14 16 00-0770	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	752.51	72.17
08 14 16 00-0771	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	817.09	72.17
08 14 16 00-0772	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	880.55	72.17
08 14 16 00-0773	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	668.00	63.51
08 14 16 00-0774	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	668.00	63.51
08 14 16 00-0775	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	673.77	66.40
08 14 16 00-0776	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	679.37	66.40
08 14 16 00-0777	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	681.87	66.40
08 14 16 00-0778	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	690.15	69.28
08 14 16 00-0779	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	750.75	69.28
08 14 16 00-0780	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	874.11	72.17
08 14 16 00-0781	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	950.99	72.17
08 14 16 00-0782	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	1,027.78	72.17

08 14 16 00-0783 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0784	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (2) coats any standard manufacturer color on six sides.	76.36	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*25.43*	
08 14 16 00-0785	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (3) coats any standard manufacturer color on six sides.	114.54	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*25.43*	

08 14 16 00-0786 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0787	EA	2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,380.57	50.81
08 14 16 00-0788	EA	2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,380.57	158.55
08 14 16 00-0789	EA	2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,380.57	50.81

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	671.96	142.04
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	719.39	155.90
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	774.36	172.06
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	808.45	177.84
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	866.75	195.73
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door	935.94	202.09

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	312.36	63.51
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >25 To 50, Deduct	*-16.94*	
		For >50 To 100, Deduct	*-28.92*	
		For >100, Deduct	*-43.68*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	312.36	63.51
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >25 To 50, Deduct	*-16.94*	
		For >50 To 100, Deduct	*-28.92*	
		For >100, Deduct	*-43.68*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	328.32	66.40
		For Structural Composite Lumber Core (SCLC), Add	*87.98*	
		For 5 Ply Construction, Add	*6.84*	
		For >25 To 50, Deduct	*-17.78*	
		For >50 To 100, Deduct	*-30.39*	
		For >100, Deduct	*-45.93*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.52	66.40
		For Structural Composite Lumber Core (SCLC), Add	*92.57*	
		For 5 Ply Construction, Add	*7.20*	
		For >25 To 50, Deduct	*-18.19*	
		For >50 To 100, Deduct	*-31.28*	
		For >100, Deduct	*-47.46*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.66	66.40
		For Structural Composite Lumber Core (SCLC), Add	*94.89*	
		For 5 Ply Construction, Add	*7.38*	
		For >25 To 50, Deduct	*-18.39*	
		For >50 To 100, Deduct	*-31.73*	
		For >100, Deduct	*-48.23*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.55	69.28
		For Structural Composite Lumber Core (SCLC), Add	*97.19*	
		For 5 Ply Construction, Add	*7.56*	
		For >25 To 50, Deduct	*-19.03*	
		For >50 To 100, Deduct	*-32.76*	
		For >100, Deduct	*-49.72*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	378.30	69.28
		For Structural Composite Lumber Core (SCLC), Add	*107.88*	
		For 5 Ply Construction, Add	*8.39*	
		For >25 To 50, Deduct	*-19.98*	
		For >50 To 100, Deduct	*-34.83*	
		For >100, Deduct	*-53.28*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	399.41	72.17
		For Structural Composite Lumber Core (SCLC), Add	*114.78*	
		For 5 Ply Construction, Add	*8.93*	
		For >25 To 50, Deduct	*-21.03*	
		For >50 To 100, Deduct	*-36.75*	
		For >100, Deduct	*-56.30*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	323.15	63.51
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >25 To 50, Deduct	*-17.37*	
		For >50 To 100, Deduct	*-29.86*	
		For >100, Deduct	*-45.30*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	323.14	63.51
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >25 To 50, Deduct	*-17.37*	
		For >50 To 100, Deduct	*-29.86*	
		For >100, Deduct	*-45.30*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	339.71	66.40
		For Structural Composite Lumber Core (SCLC), Add	*93.11*	
		For 5 Ply Construction, Add	*7.24*	
		For >25 To 50, Deduct	*-18.24*	
		For >50 To 100, Deduct	*-31.38*	
		For >100, Deduct	*-47.64*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	350.49	66.40
		For Structural Composite Lumber Core (SCLC), Add	*97.96*	
		For 5 Ply Construction, Add	*7.62*	
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-32.33*	
		For >100, Deduct	*-49.25*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	355.93	66.40
		For Structural Composite Lumber Core (SCLC), Add	*100.41*	
		For 5 Ply Construction, Add	*7.81*	
		For >25 To 50, Deduct	*-18.89*	
		For >50 To 100, Deduct	*-32.80*	
		For >100, Deduct	*-50.07*	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	367.12	69.28
		For Structural Composite Lumber Core (SCLC), Add	*102.85*	
		For 5 Ply Construction, Add	*8.00*	
		For >25 To 50, Deduct	*-19.53*	
		For >50 To 100, Deduct	*-33.86*	
		For >100, Deduct	*-51.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	392.25	69.28
		For Structural Composite Lumber Core (SCLC), Add	*114.16*	
		For 5 Ply Construction, Add	*8.88*	
		For >25 To 50, Deduct	*-20.54*	
		For >50 To 100, Deduct	*-36.05*	
		For >100, Deduct	*-55.37*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	414.25	72.17
		For Structural Composite Lumber Core (SCLC), Add	*121.46*	
		For 5 Ply Construction, Add	*9.45*	
		For >25 To 50, Deduct	*-21.62*	
		For >50 To 100, Deduct	*-38.05*	
		For >100, Deduct	*-58.53*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	361.39	63.51
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >25 To 50, Deduct	*-18.90*	
		For >50 To 100, Deduct	*-33.21*	
		For >100, Deduct	*-51.03*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	361.39	63.51
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >25 To 50, Deduct	*-18.90*	
		For >50 To 100, Deduct	*-33.21*	
		For >100, Deduct	*-51.03*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	380.06	66.40
		For Structural Composite Lumber Core (SCLC), Add	*111.27*	
		For 5 Ply Construction, Add	*8.65*	
		For >25 To 50, Deduct	*-19.85*	
		For >50 To 100, Deduct	*-34.92*	
		For >100, Deduct	*-53.69*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	392.95	66.40
		For Structural Composite Lumber Core (SCLC), Add	*117.07*	
		For 5 Ply Construction, Add	*9.11*	
		For >25 To 50, Deduct	*-20.37*	
		For >50 To 100, Deduct	*-36.04*	
		For >100, Deduct	*-55.62*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	399.44	66.40
		For Structural Composite Lumber Core (SCLC), Add	*119.99*	
		For 5 Ply Construction, Add	*9.33*	
		For >25 To 50, Deduct	*-20.63*	
		For >50 To 100, Deduct	*-36.61*	
		For >100, Deduct	*-56.60*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	411.69	69.28
		For Structural Composite Lumber Core (SCLC), Add	*122.90*	
		For 5 Ply Construction, Add	*9.56*	
		For >25 To 50, Deduct	*-21.32*	
		For >50 To 100, Deduct	*-37.76*	
		For >100, Deduct	*-58.29*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	441.71	69.28
		For Structural Composite Lumber Core (SCLC), Add	*136.41*	
		For 5 Ply Construction, Add	*10.61*	
		For >25 To 50, Deduct	*-22.52*	
		For >50 To 100, Deduct	*-40.38*	
		For >100, Deduct	*-62.79*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	466.88	72.17
		For Structural Composite Lumber Core (SCLC), Add	*145.14*	
		For 5 Ply Construction, Add	*11.29*	
		For >25 To 50, Deduct	*-23.73*	
		For >50 To 100, Deduct	*-42.66*	
		For >100, Deduct	*-66.42*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	442.78	63.51
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.81*	
		For Structural Composite Lumber Core (SCLC), Add	*142.09*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*544.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.90*	
		For >25 To 50, Deduct	*-22.16*	
		For >50 To 100, Deduct	*-40.33*	
		For >100, Deduct	*-63.24*	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	442.76	63.51
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.80*	
		For Structural Composite Lumber Core (SCLC), Add	*142.08*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*544.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.88*	
		For >25 To 50, Deduct	*-22.16*	
		For >50 To 100, Deduct	*-40.33*	
		For >100, Deduct	*-63.24*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	458.41	66.40
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*561.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >25 To 50, Deduct	*-22.98*	
		For >50 To 100, Deduct	*-41.77*	
		For >100, Deduct	*-65.44*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	458.41	66.40
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*561.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >25 To 50, Deduct	*-22.98*	
		For >50 To 100, Deduct	*-41.77*	
		For >100, Deduct	*-65.44*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	477.97	66.40
		For 5 Ply Construction, Add	*12.08*	
		For Stave Lumber Core (SLC), Add	*258.88*	
		For Structural Composite Lumber Core (SCLC), Add	*155.33*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*595.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*414.20*	
		For >25 To 50, Deduct	*-23.77*	
		For >50 To 100, Deduct	*-43.48*	
		For >100, Deduct	*-68.38*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	503.29	69.28
		For 5 Ply Construction, Add	*12.77*	
		For Stave Lumber Core (SLC), Add	*273.54*	
		For Structural Composite Lumber Core (SCLC), Add	*164.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*629.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*196.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*437.66*	
		For >25 To 50, Deduct	*-24.98*	
		For >50 To 100, Deduct	*-45.77*	
		For >100, Deduct	*-72.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	523.28	69.28
		For 5 Ply Construction, Add	*13.46*	
		For Stave Lumber Core (SLC), Add	*288.53*	
		For Structural Composite Lumber Core (SCLC), Add	*173.12*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*663.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*461.65*	
		For >25 To 50, Deduct	*-25.78*	
		For >50 To 100, Deduct	*-47.52*	
		For >100, Deduct	*-75.03*	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	539.03	72.17
		For 5 Ply Construction, Add	*13.81*	
		For Stave Lumber Core (SLC), Add	*296.02*	
		For Structural Composite Lumber Core (SCLC), Add	*177.61*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*680.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.63*	
		For >25 To 50, Deduct	*-26.61*	
		For >50 To 100, Deduct	*-48.97*	
		For >100, Deduct	*-77.25*	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	558.76	72.17
		For 5 Ply Construction, Add	*14.50*	
		For Stave Lumber Core (SLC), Add	*310.82*	
		For Structural Composite Lumber Core (SCLC), Add	*186.49*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*714.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*223.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*310.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*497.30*	
		For >25 To 50, Deduct	*-27.40*	
		For >50 To 100, Deduct	*-50.70*	
		For >100, Deduct	*-80.21*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	609.79	77.95
		For 5 Ply Construction, Add	*15.89*	
		For Stave Lumber Core (SLC), Add	*340.42*	
		For Structural Composite Lumber Core (SCLC), Add	*204.25*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*782.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*544.67*	
		For >25 To 50, Deduct	*-29.85*	
		For >50 To 100, Deduct	*-55.31*	
		For >100, Deduct	*-87.57*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	461.16	63.51
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.60*	
		For Structural Composite Lumber Core (SCLC), Add	*150.36*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*576.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.96*	
		For >25 To 50, Deduct	*-22.89*	
		For >50 To 100, Deduct	*-41.94*	
		For >100, Deduct	*-66.00*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	461.14	63.51
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.58*	
		For Structural Composite Lumber Core (SCLC), Add	*150.35*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*576.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.93*	
		For >25 To 50, Deduct	*-22.89*	
		For >50 To 100, Deduct	*-41.94*	
		For >100, Deduct	*-66.00*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	477.37	66.40
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*594.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >25 To 50, Deduct	*-23.74*	
		For >50 To 100, Deduct	*-43.43*	
		For >100, Deduct	*-68.29*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	477.37	66.40
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*594.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >25 To 50, Deduct	*-23.74*	
		For >50 To 100, Deduct	*-43.43*	
		For >100, Deduct	*-68.29*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	498.06	66.40
		For 5 Ply Construction, Add	*12.78*	
		For Stave Lumber Core (SLC), Add	*273.95*	
		For Structural Composite Lumber Core (SCLC), Add	*164.37*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*630.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*438.31*	
		For >25 To 50, Deduct	*-24.57*	
		For >50 To 100, Deduct	*-45.24*	
		For >100, Deduct	*-71.39*	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	524.53	69.28
		For 5 Ply Construction, Add	*13.51*	
		For Stave Lumber Core (SLC), Add	*289.47*	
		For Structural Composite Lumber Core (SCLC), Add	*173.68*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*665.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*463.15*	
		For >25 To 50, Deduct	*-25.83*	
		For >50 To 100, Deduct	*-47.63*	
		For >100, Deduct	*-75.22*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	545.66	69.28
		For 5 Ply Construction, Add	*14.25*	
		For Stave Lumber Core (SLC), Add	*305.32*	
		For Structural Composite Lumber Core (SCLC), Add	*183.19*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*702.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*219.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*305.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*488.51*	
		For >25 To 50, Deduct	*-26.68*	
		For >50 To 100, Deduct	*-49.48*	
		For >100, Deduct	*-78.38*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	562.00	72.17
		For 5 Ply Construction, Add	*14.62*	
		For Stave Lumber Core (SLC), Add	*313.25*	
		For Structural Composite Lumber Core (SCLC), Add	*187.95*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*720.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.19*	
		For >25 To 50, Deduct	*-27.53*	
		For >50 To 100, Deduct	*-50.98*	
		For >100, Deduct	*-80.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	582.88	72.17
		For 5 Ply Construction, Add	*15.35*	
		For Stave Lumber Core (SLC), Add	*328.91*	
		For Structural Composite Lumber Core (SCLC), Add	*197.34*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*756.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*526.25*	
		For >25 To 50, Deduct	*-28.37*	
		For >50 To 100, Deduct	*-52.81*	
		For >100, Deduct	*-83.82*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	636.20	77.95
		For 5 Ply Construction, Add	*16.81*	
		For Stave Lumber Core (SLC), Add	*360.23*	
		For Structural Composite Lumber Core (SCLC), Add	*216.14*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*828.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*360.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*576.36*	
		For >25 To 50, Deduct	*-30.90*	
		For >50 To 100, Deduct	*-57.62*	
		For >100, Deduct	*-91.53*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	526.32	63.51
		For 5 Ply Construction, Add	*13.98*	
		For Stave Lumber Core (SLC), Add	*299.47*	
		For Structural Composite Lumber Core (SCLC), Add	*179.68*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*688.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.15*	
		For >25 To 50, Deduct	*-25.50*	
		For >50 To 100, Deduct	*-47.64*	
		For >100, Deduct	*-75.77*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	526.30	63.51
		For 5 Ply Construction, Add	*13.97*	
		For Stave Lumber Core (SLC), Add	*299.45*	
		For Structural Composite Lumber Core (SCLC), Add	*179.67*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*688.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.12*	
		For >25 To 50, Deduct	*-25.50*	
		For >50 To 100, Deduct	*-47.64*	
		For >100, Deduct	*-75.77*	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.56	66.40
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*710.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >25 To 50, Deduct	*-26.43*	
		For >50 To 100, Deduct	*-49.31*	
		For >100, Deduct	*-78.36*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.56	66.40
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*710.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >25 To 50, Deduct	*-26.43*	
		For >50 To 100, Deduct	*-49.31*	
		For >100, Deduct	*-78.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	569.28	66.40
		For 5 Ply Construction, Add	*15.28*	
		For Stave Lumber Core (SLC), Add	*327.36*	
		For Structural Composite Lumber Core (SCLC), Add	*196.42*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*752.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*235.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*327.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*523.78*	
		For >25 To 50, Deduct	*-27.42*	
		For >50 To 100, Deduct	*-51.47*	
		For >100, Deduct	*-82.07*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	599.79	69.28
		For 5 Ply Construction, Add	*16.14*	
		For Stave Lumber Core (SLC), Add	*345.92*	
		For Structural Composite Lumber Core (SCLC), Add	*207.55*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*795.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*345.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.46*	
		For >25 To 50, Deduct	*-28.84*	
		For >50 To 100, Deduct	*-54.21*	
		For >100, Deduct	*-86.50*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	625.04	69.28
		For 5 Ply Construction, Add	*17.03*	
		For Stave Lumber Core (SLC), Add	*364.85*	
		For Structural Composite Lumber Core (SCLC), Add	*218.91*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*839.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.76*	
		For >25 To 50, Deduct	*-29.85*	
		For >50 To 100, Deduct	*-56.42*	
		For >100, Deduct	*-90.29*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	643.44	72.17
		For 5 Ply Construction, Add	*17.47*	
		For Stave Lumber Core (SLC), Add	*374.33*	
		For Structural Composite Lumber Core (SCLC), Add	*224.60*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*860.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*598.92*	
		For >25 To 50, Deduct	*-30.79*	
		For >50 To 100, Deduct	*-58.11*	
		For >100, Deduct	*-92.91*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	668.38	72.17
		For 5 Ply Construction, Add	*18.34*	
		For Stave Lumber Core (SLC), Add	*393.03*	
		For Structural Composite Lumber Core (SCLC), Add	*235.82*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*903.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*393.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*628.85*	
		For >25 To 50, Deduct	*-31.79*	
		For >50 To 100, Deduct	*-60.29*	
		For >100, Deduct	*-96.65*	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	729.86	77.95
		For 5 Ply Construction, Add	*20.09*	
		For Stave Lumber Core (SLC), Add	*430.47*	
		For Structural Composite Lumber Core (SCLC), Add	*258.28*	
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*990.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*430.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*688.75*	
		For >25 To 50, Deduct	*-34.65*	
		For >50 To 100, Deduct	*-65.81*	
		For >100, Deduct	*-105.58*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.64	63.51
		For >25 To 50, Deduct	*-13.43*	
		For >50 To 100, Deduct	*-21.24*	
		For >100, Deduct	*-30.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.64	63.51
		For >25 To 50, Deduct	*-13.43*	
		For >50 To 100, Deduct	*-21.24*	
		For >100, Deduct	*-30.52*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	237.53	66.40
		For >25 To 50, Deduct	*-14.15*	
		For >50 To 100, Deduct	*-22.44*	
		For >100, Deduct	*-32.31*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	240.92	66.40
		For >25 To 50, Deduct	*-14.28*	
		For >50 To 100, Deduct	*-22.74*	
		For >100, Deduct	*-32.82*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.28	66.40
		For >25 To 50, Deduct	*-14.42*	
		For >50 To 100, Deduct	*-23.03*	
		For >100, Deduct	*-33.32*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.44	69.28
		For >25 To 50, Deduct	*-14.99*	
		For >50 To 100, Deduct	*-23.91*	
		For >100, Deduct	*-34.55*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.06	69.28
		For >25 To 50, Deduct	*-15.49*	
		For >50 To 100, Deduct	*-25.01*	
		For >100, Deduct	*-36.44*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.00	72.17
		For >25 To 50, Deduct	*-16.25*	
		For >50 To 100, Deduct	*-26.30*	
		For >100, Deduct	*-38.39*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	230.32	63.51
		For >25 To 50, Deduct	*-13.66*	
		For >50 To 100, Deduct	*-21.74*	
		For >100, Deduct	*-31.37*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	230.32	63.51
		For >25 To 50, Deduct	*-13.66*	
		For >50 To 100, Deduct	*-21.74*	
		For >100, Deduct	*-31.37*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.63	66.40
		For >25 To 50, Deduct	*-14.39*	
		For >50 To 100, Deduct	*-22.98*	
		For >100, Deduct	*-33.22*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	247.20	66.40
		For >25 To 50, Deduct	*-14.54*	
		For >50 To 100, Deduct	*-23.29*	
		For >100, Deduct	*-33.76*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.77	66.40
		For >25 To 50, Deduct	*-14.68*	
		For >50 To 100, Deduct	*-23.60*	
		For >100, Deduct	*-34.30*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	260.12	69.28
		For >25 To 50, Deduct	*-15.25*	
		For >50 To 100, Deduct	*-24.49*	
		For >100, Deduct	*-35.55*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.47	69.28
		For >25 To 50, Deduct	*-15.79*	
		For >50 To 100, Deduct	*-25.66*	
		For >100, Deduct	*-37.56*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	287.88	72.17
		For >25 To 50, Deduct	*-16.57*	
		For >50 To 100, Deduct	*-26.99*	
		For >100, Deduct	*-39.57*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.47	63.51
		For >25 To 50, Deduct	*-14.46*	
		For >50 To 100, Deduct	*-23.50*	
		For >100, Deduct	*-34.39*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.47	63.51
		For >25 To 50, Deduct	*-14.46*	
		For >50 To 100, Deduct	*-23.50*	
		For >100, Deduct	*-34.39*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.25	66.40
		For >25 To 50, Deduct	*-15.26*	
		For >50 To 100, Deduct	*-24.87*	
		For >100, Deduct	*-36.47*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.51	66.40
		For >25 To 50, Deduct	*-15.43*	
		For >50 To 100, Deduct	*-25.24*	
		For >100, Deduct	*-37.11*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.79	66.40
		For >25 To 50, Deduct	*-15.60*	
		For >50 To 100, Deduct	*-25.62*	
		For >100, Deduct	*-37.75*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.82	69.28
		For >25 To 50, Deduct	*-16.20*	
		For >50 To 100, Deduct	*-26.57*	
		For >100, Deduct	*-39.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.77	69.28
		For >25 To 50, Deduct	*-16.84*	
		For >50 To 100, Deduct	*-27.96*	
		For >100, Deduct	*-41.50*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.86	72.17
		For >25 To 50, Deduct	*-17.69*	
		For >50 To 100, Deduct	*-29.44*	
		For >100, Deduct	*-43.77*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.66	63.51
		For >25 To 50, Deduct	*-14.39*	
		For >50 To 100, Deduct	*-23.35*	
		For >100, Deduct	*-34.12*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.66	63.51
		For >25 To 50, Deduct	*-14.39*	
		For >50 To 100, Deduct	*-23.35*	
		For >100, Deduct	*-34.12*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	257.79	66.40
		For >25 To 50, Deduct	*-14.96*	
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-35.35*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.57	66.40
		For >25 To 50, Deduct	*-15.23*	
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-36.37*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.96	66.40
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-25.11*	
		For >100, Deduct	*-36.87*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	277.07	69.28
		For >25 To 50, Deduct	*-15.93*	
		For >50 To 100, Deduct	*-25.98*	
		For >100, Deduct	*-38.10*	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.79	69.28
		For >25 To 50, Deduct	*-16.24*	
		For >50 To 100, Deduct	*-26.65*	
		For >100, Deduct	*-39.25*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.68	72.17
		For >25 To 50, Deduct	*-17.68*	
		For >50 To 100, Deduct	*-29.43*	
		For >100, Deduct	*-43.74*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	324.24	72.17
		For >25 To 50, Deduct	*-18.02*	
		For >50 To 100, Deduct	*-30.18*	
		For >100, Deduct	*-45.03*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	341.40	72.17
		For >25 To 50, Deduct	*-18.71*	
		For >50 To 100, Deduct	*-31.68*	
		For >100, Deduct	*-47.60*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.72	63.51
		For >25 To 50, Deduct	*-14.67*	
		For >50 To 100, Deduct	*-23.96*	
		For >100, Deduct	*-35.18*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.72	63.51
		For >25 To 50, Deduct	*-14.67*	
		For >50 To 100, Deduct	*-23.96*	
		For >100, Deduct	*-35.18*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.07	66.40
		For >25 To 50, Deduct	*-15.25*	
		For >50 To 100, Deduct	*-24.85*	
		For >100, Deduct	*-36.44*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	272.24	66.40
		For >25 To 50, Deduct	*-15.54*	
		For >50 To 100, Deduct	*-25.48*	
		For >100, Deduct	*-37.52*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.81	66.40
		For >25 To 50, Deduct	*-15.68*	
		For >50 To 100, Deduct	*-25.79*	
		For >100, Deduct	*-38.05*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.13	69.28
		For >25 To 50, Deduct	*-16.26*	
		For >50 To 100, Deduct	*-26.68*	
		For >100, Deduct	*-39.31*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	293.30	69.28
		For >25 To 50, Deduct	*-16.58*	
		For >50 To 100, Deduct	*-27.40*	
		For >100, Deduct	*-40.53*	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	325.66	72.17
		For >25 To 50, Deduct	*-18.08*	
		For >50 To 100, Deduct	*-30.30*	
		For >100, Deduct	*-45.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.73	72.17
		For >25 To 50, Deduct	*-18.44*	
		For >50 To 100, Deduct	*-31.09*	
		For >100, Deduct	*-46.60*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	352.86	72.17
		For >25 To 50, Deduct	*-19.17*	
		For >50 To 100, Deduct	*-32.68*	
		For >100, Deduct	*-49.32*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.82	63.51
		For >25 To 50, Deduct	*-15.68*	
		For >50 To 100, Deduct	*-26.16*	
		For >100, Deduct	*-38.95*	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.82	63.51
		For >25 To 50, Deduct	*-15.68*	
		For >50 To 100, Deduct	*-26.16*	
		For >100, Deduct	*-38.95*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.87	66.40
		For >25 To 50, Deduct	*-16.28*	
		For >50 To 100, Deduct	*-27.11*	
		For >100, Deduct	*-40.31*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.44	66.40
		For >25 To 50, Deduct	*-16.63*	
		For >50 To 100, Deduct	*-27.86*	
		For >100, Deduct	*-41.60*	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.69	66.40
		For >25 To 50, Deduct	*-16.80*	
		For >50 To 100, Deduct	*-28.23*	
		For >100, Deduct	*-42.23*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.72	69.28
		For >25 To 50, Deduct	*-17.40*	
		For >50 To 100, Deduct	*-29.18*	
		For >100, Deduct	*-43.59*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.47	69.28
		For >25 To 50, Deduct	*-17.79*	
		For >50 To 100, Deduct	*-30.04*	
		For >100, Deduct	*-45.06*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	361.03	72.17
		For >25 To 50, Deduct	*-19.49*	
		For >50 To 100, Deduct	*-33.39*	
		For >100, Deduct	*-50.55*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.86	72.17
		For >25 To 50, Deduct	*-19.93*	
		For >50 To 100, Deduct	*-34.34*	
		For >100, Deduct	*-52.17*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.53	72.17
		For >25 To 50, Deduct	*-20.79*	
		For >50 To 100, Deduct	*-36.24*	
		For >100, Deduct	*-55.42*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.29	63.51
		For >25 To 50, Deduct	*-15.18*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-37.07*	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.29	63.51
		For >25 To 50, Deduct	*-15.18*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-37.07*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	282.27	66.40
		For >25 To 50, Deduct	*-15.94*	
		For >50 To 100, Deduct	*-26.36*	
		For >100, Deduct	*-39.02*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.45	66.40
		For >25 To 50, Deduct	*-16.27*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-40.25*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.95	66.40
		For >25 To 50, Deduct	*-16.33*	
		For >50 To 100, Deduct	*-27.21*	
		For >100, Deduct	*-40.47*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.25	69.28
		For >25 To 50, Deduct	*-16.82*	
		For >50 To 100, Deduct	*-27.92*	
		For >100, Deduct	*-41.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	316.98	69.28
		For >25 To 50, Deduct	*-17.53*	
		For >50 To 100, Deduct	*-29.47*	
		For >100, Deduct	*-44.08*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	355.06	72.17
		For >25 To 50, Deduct	*-19.25*	
		For >50 To 100, Deduct	*-32.87*	
		For >100, Deduct	*-49.65*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.53	63.51
		For >25 To 50, Deduct	*-15.51*	
		For >50 To 100, Deduct	*-25.78*	
		For >100, Deduct	*-38.30*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.53	63.51
		For >25 To 50, Deduct	*-15.51*	
		For >50 To 100, Deduct	*-25.78*	
		For >100, Deduct	*-38.30*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.97	66.40
		For >25 To 50, Deduct	*-16.29*	
		For >50 To 100, Deduct	*-27.12*	
		For >100, Deduct	*-40.33*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.62	66.40
		For >25 To 50, Deduct	*-16.63*	
		For >50 To 100, Deduct	*-27.88*	
		For >100, Deduct	*-41.62*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	301.23	66.40
		For >25 To 50, Deduct	*-16.70*	
		For >50 To 100, Deduct	*-28.02*	
		For >100, Deduct	*-41.86*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.60	69.28
		For >25 To 50, Deduct	*-17.19*	
		For >50 To 100, Deduct	*-28.73*	
		For >100, Deduct	*-42.83*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	327.37	69.28
		For >25 To 50, Deduct	*-17.94*	
		For >50 To 100, Deduct	*-30.38*	
		For >100, Deduct	*-45.64*	
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	367.34	72.17
		For >25 To 50, Deduct	*-19.75*	
		For >50 To 100, Deduct	*-33.95*	
		For >100, Deduct	*-51.49*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	305.68	63.51
		For >25 To 50, Deduct	*-16.67*	
		For >50 To 100, Deduct	*-28.33*	
		For >100, Deduct	*-42.68*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	305.68	63.51
		For >25 To 50, Deduct	*-16.67*	
		For >50 To 100, Deduct	*-28.33*	
		For >100, Deduct	*-42.68*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	321.82	66.40
		For >25 To 50, Deduct	*-17.52*	
		For >50 To 100, Deduct	*-29.82*	
		For >100, Deduct	*-44.95*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.15	66.40
		For >25 To 50, Deduct	*-17.93*	
		For >50 To 100, Deduct	*-30.72*	
		For >100, Deduct	*-46.50*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.06	66.40
		For >25 To 50, Deduct	*-18.01*	
		For >50 To 100, Deduct	*-30.89*	
		For >100, Deduct	*-46.79*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	341.77	69.28
		For >25 To 50, Deduct	*-18.52*	
		For >50 To 100, Deduct	*-31.64*	
		For >100, Deduct	*-47.80*	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	364.18	69.28
		For >25 To 50, Deduct	*-19.42*	
		For >50 To 100, Deduct	*-33.60*	
		For >100, Deduct	*-51.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	410.83	72.17
		For >25 To 50, Deduct	*-21.49*	
		For >50 To 100, Deduct	*-37.75*	
		For >100, Deduct	*-58.02*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.54	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*306.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >25 To 50, Deduct	*-16.63*	
		For >50 To 100, Deduct	*-28.24*	
		For >100, Deduct	*-42.51*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.54	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*306.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >25 To 50, Deduct	*-16.63*	
		For >50 To 100, Deduct	*-28.24*	
		For >100, Deduct	*-42.51*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.59	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*323.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.35*	
		For >25 To 50, Deduct	*-17.47*	
		For >50 To 100, Deduct	*-29.71*	
		For >100, Deduct	*-44.77*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.84	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*341.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*237.65*	
		For >25 To 50, Deduct	*-17.88*	
		For >50 To 100, Deduct	*-30.61*	
		For >100, Deduct	*-46.31*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.75	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*344.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.94*	
		For >25 To 50, Deduct	*-17.96*	
		For >50 To 100, Deduct	*-30.78*	
		For >100, Deduct	*-46.59*	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.46	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*348.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.27*	
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-31.52*	
		For >100, Deduct	*-47.60*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	362.71	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*386.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*268.97*	
		For >25 To 50, Deduct	*-19.36*	
		For >50 To 100, Deduct	*-33.47*	
		For >100, Deduct	*-50.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	409.11	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*456.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*317.72*	
		For >25 To 50, Deduct	*-21.42*	
		For >50 To 100, Deduct	*-37.60*	
		For >100, Deduct	*-57.76*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.37	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*479.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.64*	
		For >25 To 50, Deduct	*-21.95*	
		For >50 To 100, Deduct	*-38.76*	
		For >100, Deduct	*-59.75*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	448.82	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*525.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*365.38*	
		For >25 To 50, Deduct	*-23.00*	
		For >50 To 100, Deduct	*-41.08*	
		For >100, Deduct	*-63.71*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	314.87	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*324.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >25 To 50, Deduct	*-17.04*	
		For >50 To 100, Deduct	*-29.14*	
		For >100, Deduct	*-44.05*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	314.87	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*324.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >25 To 50, Deduct	*-17.04*	
		For >50 To 100, Deduct	*-29.14*	
		For >100, Deduct	*-44.05*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.52	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*342.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*238.46*	
		For >25 To 50, Deduct	*-17.91*	
		For >50 To 100, Deduct	*-30.67*	
		For >100, Deduct	*-46.41*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	342.38	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*361.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*113.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*157.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*251.50*	
		For >25 To 50, Deduct	*-18.34*	
		For >50 To 100, Deduct	*-31.62*	
		For >100, Deduct	*-48.04*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	344.40	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*365.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.92*	
		For >25 To 50, Deduct	*-18.42*	
		For >50 To 100, Deduct	*-31.80*	
		For >100, Deduct	*-48.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	352.21	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*368.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.37*	
		For >25 To 50, Deduct	*-18.94*	
		For >50 To 100, Deduct	*-32.55*	
		For >100, Deduct	*-49.37*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	375.75	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*409.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.62*	
		For >25 To 50, Deduct	*-19.88*	
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-52.90*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	424.52	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*483.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*210.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*336.22*	
		For >25 To 50, Deduct	*-22.03*	
		For >50 To 100, Deduct	*-38.95*	
		For >100, Deduct	*-60.07*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	438.54	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*507.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*353.04*	
		For >25 To 50, Deduct	*-22.59*	
		For >50 To 100, Deduct	*-40.18*	
		For >100, Deduct	*-62.17*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	466.55	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*555.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*173.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*241.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*386.65*	
		For >25 To 50, Deduct	*-23.71*	
		For >50 To 100, Deduct	*-42.63*	
		For >100, Deduct	*-66.37*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.50	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*387.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >25 To 50, Deduct	*-18.51*	
		For >50 To 100, Deduct	*-32.34*	
		For >100, Deduct	*-49.55*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.50	63.51
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*387.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >25 To 50, Deduct	*-18.51*	
		For >50 To 100, Deduct	*-32.34*	
		For >100, Deduct	*-49.55*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	370.28	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*409.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*178.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.98*	
		For >25 To 50, Deduct	*-19.46*	
		For >50 To 100, Deduct	*-34.06*	
		For >100, Deduct	*-52.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	383.26	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*432.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*300.55*	
		For >25 To 50, Deduct	*-19.98*	
		For >50 To 100, Deduct	*-35.20*	
		For >100, Deduct	*-54.17*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	385.66	66.40
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*436.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.43*	
		For >25 To 50, Deduct	*-20.07*	
		For >50 To 100, Deduct	*-35.41*	
		For >100, Deduct	*-54.53*	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.88	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*440.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.37*	
		For >25 To 50, Deduct	*-20.61*	
		For >50 To 100, Deduct	*-36.20*	
		For >100, Deduct	*-55.62*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.00	69.28
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*488.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*153.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*212.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*340.12*	
		For >25 To 50, Deduct	*-21.73*	
		For >50 To 100, Deduct	*-38.66*	
		For >100, Deduct	*-59.84*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	479.15	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*577.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.77*	
		For >25 To 50, Deduct	*-24.22*	
		For >50 To 100, Deduct	*-43.73*	
		For >100, Deduct	*-68.26*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	495.92	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*606.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*263.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*421.90*	
		For >25 To 50, Deduct	*-24.89*	
		For >50 To 100, Deduct	*-45.20*	
		For >100, Deduct	*-70.78*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	529.38	72.17
		For WDMA Exterior Premium Grade, Extra Heavy Duty, Soild Core, Add	*664.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*462.05*	
		For >25 To 50, Deduct	*-26.23*	
		For >50 To 100, Deduct	*-48.13*	
		For >100, Deduct	*-75.80*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	500.40	166.29
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	526.05	184.77
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	500.40	166.29
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	526.05	184.77

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0002		Birch Faced Pocket Door *(08 14 73 00-0001)* Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003		1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)* See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0004		6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*		
08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	514.36	40.41
		For Oak, Add	*119.66*	
		For Ash/Hickory, Add	*174.28*	
		For Walnut, Add	*254.05*	
		For Cherry, Add	*413.16*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	530.64	43.30
		For Oak, Add	*122.56*	
		For Ash/Hickory, Add	*178.51*	
		For Walnut, Add	*260.21*	
		For Cherry, Add	*423.18*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	549.53	46.19
		For Oak, Add	*126.18*	
		For Ash/Hickory, Add	*183.79*	
		For Walnut, Add	*267.91*	
		For Cherry, Add	*435.69*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	563.20	49.08
		For Oak, Add	*128.36*	
		For Ash/Hickory, Add	*186.96*	
		For Walnut, Add	*272.53*	
		For Cherry, Add	*443.21*	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	582.12	51.97
		For Oak, Add	*131.98*	
		For Ash/Hickory, Add	*192.24*	
		For Walnut, Add	*280.23*	
		For Cherry, Add	*455.72*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	598.41	54.85
		For Oak, Add	*134.89*	
		For Ash/Hickory, Add	*196.47*	
		For Walnut, Add	*286.39*	
		For Cherry, Add	*465.75*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,011.42	72.17
		For Oak, Add	*239.31*	
		For Ash/Hickory, Add	*348.57*	
		For Walnut, Add	*508.11*	
		For Cherry, Add	*826.33*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,070.25	77.95
		For Oak, Add	*252.37*	
		For Ash/Hickory, Add	*367.58*	
		For Walnut, Add	*535.82*	
		For Cherry, Add	*871.39*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,144.88	83.72
		For Oak, Add	*269.77*	
		For Ash/Hickory, Add	*392.93*	
		For Walnut, Add	*572.77*	
		For Cherry, Add	*931.49*	
08 14 73 00-0014		7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*		
08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	606.32	40.41
		For Oak, Add	*122.97*	
		For Ash/Hickory, Add	*122.97*	
		For Walnut, Add	*202.32*	
		For Cherry, Add	*379.94*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	635.74	43.30
		For Oak, Add	*128.50*	
		For Ash/Hickory, Add	*128.50*	
		For Walnut, Add	*211.42*	
		For Cherry, Add	*397.04*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	657.26	46.19
		For Oak, Add	*132.19*	
		For Ash/Hickory, Add	*132.19*	
		For Walnut, Add	*217.49*	
		For Cherry, Add	*408.43*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	676.18	49.08
		For Oak, Add	*135.26*	
		For Ash/Hickory, Add	*135.26*	
		For Walnut, Add	*222.55*	
		For Cherry, Add	*417.93*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	692.48	51.97
		For Oak, Add	*137.72*	
		For Ash/Hickory, Add	*137.72*	
		For Walnut, Add	*226.60*	
		For Cherry, Add	*425.53*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	714.01	54.85
		For Oak, Add	*141.41*	
		For Ash/Hickory, Add	*141.41*	
		For Walnut, Add	*232.66*	
		For Cherry, Add	*436.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,195.34	72.17
		For Oak, Add	*245.93*	
		For Ash/Hickory, Add	*245.93*	
		For Walnut, Add	*404.64*	
		For Cherry, Add	*759.87*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,285.70	77.95
		For Oak, Add	*264.38*	
		For Ash/Hickory, Add	*264.38*	
		For Walnut, Add	*434.98*	
		For Cherry, Add	*816.86*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,376.10	83.72
		For Oak, Add	*282.82*	
		For Ash/Hickory, Add	*282.82*	
		For Walnut, Add	*465.33*	
		For Cherry, Add	*873.85*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	763.97	40.41
		For Oak, Add	*159.86*	
		For Ash/Hickory, Add	*159.86*	
		For Walnut, Add	*263.01*	
		For Cherry, Add	*493.92*	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	801.27	43.30
		For Oak, Add	*167.24*	
		For Ash/Hickory, Add	*167.24*	
		For Walnut, Add	*275.15*	
		For Cherry, Add	*516.71*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	822.79	46.19
		For Oak, Add	*170.92*	
		For Ash/Hickory, Add	*170.92*	
		For Walnut, Add	*281.22*	
		For Cherry, Add	*528.11*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	846.97	49.08
		For Oak, Add	*175.23*	
		For Ash/Hickory, Add	*175.23*	
		For Walnut, Add	*288.30*	
		For Cherry, Add	*541.41*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	868.52	51.97
		For Oak, Add	*178.92*	
		For Ash/Hickory, Add	*178.92*	
		For Walnut, Add	*294.37*	
		For Cherry, Add	*552.81*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	890.06	54.85
		For Oak, Add	*182.61*	
		For Ash/Hickory, Add	*182.61*	
		For Walnut, Add	*300.44*	
		For Cherry, Add	*564.21*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,510.64	72.17
		For Oak, Add	*319.71*	
		For Ash/Hickory, Add	*319.71*	
		For Walnut, Add	*526.03*	
		For Cherry, Add	*987.83*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,616.77	77.95
		For Oak, Add	*341.85*	
		For Ash/Hickory, Add	*341.85*	
		For Walnut, Add	*562.44*	
		For Cherry, Add	*1,056.22*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,728.19	83.72
		For Oak, Add	*365.21*	
		For Ash/Hickory, Add	*365.21*	
		For Walnut, Add	*600.88*	
		For Cherry, Add	*1,128.42*	

08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	816.52	40.41
		For Oak, Add	*172.15*	
		For Ash/Hickory, Add	*172.15*	
		For Walnut, Add	*283.24*	
		For Cherry, Add	*531.91*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	859.07	43.30
		For Oak, Add	*180.76*	
		For Ash/Hickory, Add	*180.76*	
		For Walnut, Add	*297.40*	
		For Cherry, Add	*558.50*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	883.23	46.19
		For Oak, Add	*185.07*	
		For Ash/Hickory, Add	*185.07*	
		For Walnut, Add	*304.49*	
		For Cherry, Add	*571.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	907.40	49.08
		For Oak, Add	*189.37*	
		For Ash/Hickory, Add	*189.37*	
		For Walnut, Add	*311.57*	
		For Cherry, Add	*585.10*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	928.96	51.97
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	953.12	54.85
		For Oak, Add	*197.36*	
		For Ash/Hickory, Add	*197.36*	
		For Walnut, Add	*324.72*	
		For Cherry, Add	*609.80*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,615.74	72.17
		For Oak, Add	*344.31*	
		For Ash/Hickory, Add	*344.31*	
		For Walnut, Add	*566.49*	
		For Cherry, Add	*1,063.82*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,737.64	77.95
		For Oak, Add	*370.13*	
		For Ash/Hickory, Add	*370.13*	
		For Walnut, Add	*608.98*	
		For Cherry, Add	*1,143.61*	
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,854.31	83.72
		For Oak, Add	*394.73*	
		For Ash/Hickory, Add	*394.73*	
		For Walnut, Add	*649.44*	
		For Cherry, Add	*1,219.60*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	869.07	40.41
		For Oak, Add	*184.45*	
		For Ash/Hickory, Add	*184.45*	
		For Walnut, Add	*303.48*	
		For Cherry, Add	*569.90*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	911.63	43.30
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	938.41	46.19
		For Oak, Add	*197.98*	
		For Ash/Hickory, Add	*197.98*	
		For Walnut, Add	*325.73*	
		For Cherry, Add	*611.70*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	965.21	49.08
		For Oak, Add	*202.90*	
		For Ash/Hickory, Add	*202.90*	
		For Walnut, Add	*333.83*	
		For Cherry, Add	*626.90*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	986.76	51.97
		For Oak, Add	*206.58*	
		For Ash/Hickory, Add	*206.58*	
		For Walnut, Add	*339.89*	
		For Cherry, Add	*638.29*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,013.55	54.85
		For Oak, Add	*211.50*	
		For Ash/Hickory, Add	*211.50*	
		For Walnut, Add	*347.99*	
		For Cherry, Add	*653.49*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,720.84	72.17
		For Oak, Add	*368.90*	
		For Ash/Hickory, Add	*368.90*	
		For Walnut, Add	*606.95*	
		For Cherry, Add	*1,139.81*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,847.99	77.95
		For Oak, Add	*395.95*	
		For Ash/Hickory, Add	*395.95*	
		For Walnut, Add	*651.46*	
		For Cherry, Add	*1,223.40*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,975.17	83.72
		For Oak, Add	*423.01*	
		For Ash/Hickory, Add	*423.01*	
		For Walnut, Add	*695.97*	
		For Cherry, Add	*1,306.98*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	156.80	
		For Oak, Add	*11.19*	
		For Ash/Hickory, Add	*17.53*	
		For Walnut, Add	*38.34*	
		For Cherry, Add	*60.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	160.00	
		For Oak, Add	*11.56*	
		For Ash/Hickory, Add	*18.10*	
		For Walnut, Add	*39.57*	
		For Cherry, Add	*62.69*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	180.77	
		For Oak, Add	*13.90*	
		For Ash/Hickory, Add	*21.78*	
		For Walnut, Add	*47.61*	
		For Cherry, Add	*75.42*	

08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	290.18	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	292.72	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	297.81	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	346.16	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	348.70	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	353.79	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	371.61	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	374.15	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	379.24	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	42.77	

08 14 73 00-0071 Bi-Pass Doors *(08 14 73)*

Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 Lb. maximum door weight (each opening).

08 14 73 00-0072 Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	458.65	92.33
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	504.44	98.10
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	550.80	103.87
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	761.88	109.64

08 14 73 00-0077 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	426.91	92.33
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	454.95	98.10
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	496.33	103.87
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	698.40	109.64

08 14 73 00-0082 Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	459.54	92.33
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	502.24	98.10
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	547.14	103.87
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	763.66	109.64

08 14 76 Bifolding Wood Doors *(08 14)*

08 14 76 00-0001 Bi-Fold Wood Doors *(08 14 76)*

Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.

08 14 76 00-0002 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	216.18	69.24
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	227.72	75.01
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	244.44	80.79
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	255.98	86.55
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	333.75	92.33
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	345.29	98.10
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	367.82	103.87

08 14 76 00-0010 Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	228.85	69.24
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	244.55	75.01
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	264.07	80.79
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	275.61	86.55
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	360.89	92.33
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	387.60	98.10
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	415.90	103.87

08 14 76 00-0018 Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	229.44	69.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	252.67	75.01
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	271.56	80.79
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	283.10	86.55
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	367.44	92.33
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	381.61	98.10
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	415.90	103.87
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	606.22	69.24
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	693.33	75.01
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	792.70	80.79
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	804.24	86.55
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,120.11	92.33
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,282.80	98.10
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,469.99	103.87
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	779.83	69.24
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	846.52	75.01
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	925.46	80.79
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	937.00	86.55
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,467.34	92.33
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,589.17	98.10
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,735.52	103.87
08 14 76 00-0042		Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	220.64	69.24
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	237.39	75.01
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	259.96	80.79
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	262.21	86.55
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	326.40	92.33
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	352.52	98.10
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	395.57	103.87

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors *(08 15)*

08 15 13 00-0001 High Pressure Laminated Plastic Doors *(08 15 13)*

Note: 0.125" acrylic/PVC thermoplastic face sheet over 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	285.22	57.74
08 15 13 00-0003	EA	1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	285.22	57.74
08 15 13 00-0004	EA	1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	285.22	57.74
08 15 13 00-0005	EA	1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	285.22	57.74
08 15 13 00-0006	EA	2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	296.78	63.51
08 15 13 00-0007	EA	2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	296.78	63.51
08 15 13 00-0008	EA	2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	296.78	63.51
08 15 13 00-0009	EA	2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	296.78	63.51
08 15 13 00-0010	EA	2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	320.08	66.40
08 15 13 00-0011	EA	2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	320.08	66.40
08 15 13 00-0012	EA	2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	320.08	63.51
08 15 13 00-0013	EA	2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	320.08	66.40
08 15 13 00-0014	EA	3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	343.38	69.28
08 15 13 00-0015	EA	3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	343.38	69.28
08 15 13 00-0016	EA	3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	343.38	69.28
08 15 13 00-0017	EA	3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	343.38	69.28
08 15 13 00-0018	EA	3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	376.83	72.17
08 15 13 00-0019	EA	3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	376.83	72.17
08 15 13 00-0020	EA	3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	376.83	72.17
08 15 13 00-0021	EA	3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	376.83	72.17
08 15 13 00-0022	EA	4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	424.37	77.95
08 15 13 00-0023	EA	4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	424.37	77.95
08 15 13 00-0024	EA	4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	424.37	77.95
08 15 13 00-0025	EA	4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	424.37	77.95

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,547.01	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,786.89	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,151.60	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0009 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,547.01	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,882.12	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,252.78	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0013 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0014 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*

08 16 13 00-0015 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*

08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.74	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,905.50	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0019 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*

08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,610.23	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.57	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.74	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,905.50	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,610.23	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.57	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,300.74	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,905.50	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0037		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,213.62	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,610.23	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,020.57	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0041		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*		
08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,751.36	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0044		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*		
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,751.36	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0046		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*		
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.51	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.52	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.68	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.66	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)	1.31	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.46	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)	13.89	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	17.86	
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	37.70	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	41.66	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	81.34	
08 16 13 00-0058		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*		
08 16 13 00-0059		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)* Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)* Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*		
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,706.96	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,743.94	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,875.53	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0065		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*		
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,706.96	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,863.97	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,875.53	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0069		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)* Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0071		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.60	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.61	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0075		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,633.21	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.84	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0079		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.60	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.61	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,633.21	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.84	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0088		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,599.60	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,817.61	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0093		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,507.41	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,633.21	72.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,920.84	77.95
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0097		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,067.05	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,067.05	69.28
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	1.13	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	1.17	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.23	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.77	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.70	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	1.12	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	9.60	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	12.00	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	38.41	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	136.83	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	52.81	
08 16 13 00-0114		Galvanized Insulated Poly Core Composite Doors *(08 16 13)*		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,385.21	69.28

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		Pre-Hung Interior Door Units *(08 17 23)*		
		Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	389.75	72.17
		For 8' Door Height, Add	*58.90*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	404.82	72.17
		For 8' Door Height, Add	*62.52*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	425.70	75.06
		For 8' Door Height, Add	*66.14*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	435.96	77.95
		For 8' Door Height, Add	*67.21*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	463.31	77.95
		For 8' Door Height, Add	*73.78*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	488.76	80.84
		For 8' Door Height, Add	*78.50*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	727.54	118.36
		For 8' Door Height, Add	*117.79*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	775.04	127.03
		For 8' Door Height, Add	*125.04*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	831.51	135.69
		For 8' Door Height, Add	*134.43*	
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	349.44	72.17
		For 8' Door Height, Add	*49.22*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	363.35	72.17
		For 8' Door Height, Add	*52.56*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	380.85	75.06
		For 8' Door Height, Add	*55.38*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	394.92	77.95
		For 8' Door Height, Add	*57.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	417.77	77.95
		For 8' Door Height, Add	*62.85*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	451.42	80.84
		For 8' Door Height, Add	*69.54*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	646.93	118.36
		For 8' Door Height, Add	*98.45*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	692.01	127.03
		For 8' Door Height, Add	*105.11*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	749.47	135.69
		For 8' Door Height, Add	*114.74*	

08 17 23 00-0023 Tempered Hardboard Faced *(08 17 23 00-0002)*

08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	311.55	72.17
		For 8' Door Height, Add	*40.13*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	323.75	72.17
		For 8' Door Height, Add	*43.06*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	335.31	75.06
		For 8' Door Height, Add	*44.45*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	352.66	77.95
		For 8' Door Height, Add	*47.22*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	374.29	77.95
		For 8' Door Height, Add	*52.42*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	385.10	80.84
		For 8' Door Height, Add	*53.63*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	558.29	118.36
		For 8' Door Height, Add	*77.17*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	612.84	127.03
		For 8' Door Height, Add	*86.11*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	664.89	135.69
		For 8' Door Height, Add	*94.45*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	519.40	72.17
		For 8' Door Height, Add	*90.01*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	539.12	72.17
		For 8' Door Height, Add	*94.75*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	564.58	75.06
		For 8' Door Height, Add	*99.47*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	594.37	77.95
		For 8' Door Height, Add	*105.24*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	642.52	77.95
		For 8' Door Height, Add	*116.79*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	690.82	80.84
		For 8' Door Height, Add	*127.00*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	986.85	118.36
		For 8' Door Height, Add	*180.03*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,043.61	127.03
		For 8' Door Height, Add	*189.50*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,148.31	135.69
		For 8' Door Height, Add	*210.47*	

08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	440.89	72.17
		For 8' Door Height, Add	*71.17*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	457.19	72.17
		For 8' Door Height, Add	*75.08*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	479.25	75.06
		For 8' Door Height, Add	*78.99*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	501.48	77.95
		For 8' Door Height, Add	*82.94*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	539.49	77.95
		For 8' Door Height, Add	*92.06*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	569.80	80.84
		For 8' Door Height, Add	*97.95*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	829.81	118.36
		For 8' Door Height, Add	*142.34*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	879.76	127.03
		For 8' Door Height, Add	*150.17*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	962.53	135.69
		For 8' Door Height, Add	*165.88*	

08 17 23 00-0054 Tempered Hardboard Faced *(08 17 23 00-0033)*

08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	424.22	72.17
		For 8' Door Height, Add	*67.17*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	440.43	72.17
		For 8' Door Height, Add	*71.06*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	462.47	75.06
		For 8' Door Height, Add	*74.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	474.25	77.95
		For 8' Door Height, Add	*76.41*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	509.36	77.95
		For 8' Door Height, Add	*84.83*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	537.76	80.84
		For 8' Door Height, Add	*90.26*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	796.49	118.36
		For 8' Door Height, Add	*134.34*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	846.21	127.03
		For 8' Door Height, Add	*142.12*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	908.06	135.69
		For 8' Door Height, Add	*152.81*	

08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0065 Birch Faced *(08 17 23 00-0064)*

08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	451.06	72.17
		For 8' Door Height, Add	*73.61*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	462.64	72.17
		For 8' Door Height, Add	*76.39*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	472.70	75.06
		For 8' Door Height, Add	*77.42*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	497.34	77.95
		For 8' Door Height, Add	*81.95*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	547.43	77.95
		For 8' Door Height, Add	*93.97*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	611.72	80.84
		For 8' Door Height, Add	*108.01*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	850.21	118.36
		For 8' Door Height, Add	*147.23*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	890.64	127.03
		For 8' Door Height, Add	*152.78*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	954.30	135.69
		For 8' Door Height, Add	*163.90*	

08 17 23 00-0075 Lauan Faced *(08 17 23 00-0064)*

08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	404.88	72.17
		For 8' Door Height, Add	*62.53*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	422.84	72.17
		For 8' Door Height, Add	*66.84*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	443.19	75.06
		For 8' Door Height, Add	*70.34*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	454.73	77.95
		For 8' Door Height, Add	*71.72*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	487.58	77.95
		For 8' Door Height, Add	*79.61*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	514.57	80.84
		For 8' Door Height, Add	*84.70*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	757.83	118.36
		For 8' Door Height, Add	*125.06*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	811.04	127.03
		For 8' Door Height, Add	*133.68*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	869.06	135.69
		For 8' Door Height, Add	*143.44*	

08 17 23 00-0085 Tempered Hardboard Faced *(08 17 23 00-0064)*

08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	352.67	72.17
		For 8' Door Height, Add	*50.00*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	358.48	72.17
		For 8' Door Height, Add	*51.39*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	375.83	75.06
		For 8' Door Height, Add	*54.17*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	393.18	77.95
		For 8' Door Height, Add	*56.95*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	406.40	77.95
		For 8' Door Height, Add	*60.12*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	417.96	80.84
		For 8' Door Height, Add	*61.51*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	637.34	118.36
		For 8' Door Height, Add	*96.15*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	682.31	127.03
		For 8' Door Height, Add	*102.78*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	745.97	135.69
		For 8' Door Height, Add	*113.90*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	576.83	72.17
		For 8' Door Height, Add	*103.80*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	594.84	72.17
		For 8' Door Height, Add	*108.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	606.64	75.06
		For 8' Door Height, Add	*109.56*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	630.42	77.95
		For 8' Door Height, Add	*113.89*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	682.62	77.95
		For 8' Door Height, Add	*126.42*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	741.10	80.84
		For 8' Door Height, Add	*139.07*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,101.71	118.36
		For 8' Door Height, Add	*207.60*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,155.03	127.03
		For 8' Door Height, Add	*216.24*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,220.43	135.69
		For 8' Door Height, Add	*227.77*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	547.98	72.17
		For 8' Door Height, Add	*96.87*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	549.16	72.17
		For 8' Door Height, Add	*97.16*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	566.57	75.06
		For 8' Door Height, Add	*99.95*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	580.76	77.95
		For 8' Door Height, Add	*101.97*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	619.16	77.95
		For 8' Door Height, Add	*111.18*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	654.56	80.84
		For 8' Door Height, Add	*118.30*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,044.04	118.36
		For 8' Door Height, Add	*193.75*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,063.68	127.03
		For 8' Door Height, Add	*194.31*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,121.11	135.69
		For 8' Door Height, Add	*203.94*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	486.72	72.17
		For 8' Door Height, Add	*82.17*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	492.71	72.17
		For 8' Door Height, Add	*83.61*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	504.52	75.06
		For 8' Door Height, Add	*85.06*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	522.32	77.95
		For 8' Door Height, Add	*87.94*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	549.19	77.95
		For 8' Door Height, Add	*94.39*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	580.13	80.84
		For 8' Door Height, Add	*100.43*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	921.48	118.36
		For 8' Door Height, Add	*164.34*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	950.80	127.03
		For 8' Door Height, Add	*167.22*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,004.20	135.69
		For 8' Door Height, Add	*175.88*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	916.94	72.17
		For 8' Door Height, Add	*185.42*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	921.65	72.17
		For 8' Door Height, Add	*186.55*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	967.37	75.06
		For 8' Door Height, Add	*196.14*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	983.58	77.95
		For 8' Door Height, Add	*198.64*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,073.30	77.95
		For 8' Door Height, Add	*220.18*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,185.38	80.84
		For 8' Door Height, Add	*245.69*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,781.94	118.36
		For 8' Door Height, Add	*370.86*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,808.72	127.03
		For 8' Door Height, Add	*373.12*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,926.74	135.69
		For 8' Door Height, Add	*397.29*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,158.22	72.17
		For 8' Door Height, Add	*243.33*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,200.38	72.17
		For 8' Door Height, Add	*253.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,220.29	75.06
		For 8' Door Height, Add	*256.84*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,268.28	77.95
		For 8' Door Height, Add	*266.97*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,390.66	77.95
		For 8' Door Height, Add	*296.34*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,519.99	80.84
		For 8' Door Height, Add	*326.00*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,264.50	118.36
		For 8' Door Height, Add	*486.66*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,366.12	127.03
		For 8' Door Height, Add	*506.90*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,496.15	135.69
		For 8' Door Height, Add	*533.94*	

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	54.36	5.19
		For Custom Quality, Add	*10.15*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*7.31*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	46.83	3.23
		For Custom Quality, Add	*9.70*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*6.99*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	61.64	5.19
		For Custom Quality, Add	*11.97*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.62*	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	54.00	3.23
		For Custom Quality, Add	*11.50*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.28*	

08 18 16 00-0009 Stanley Manual Slide Doors *(08 18 16 00-0001)*

08 18 16 00-0010	EA	Single Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, and patient consult applications.	3,928.25	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0011	EA	Single Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, and patient consult applications.	3,928.25	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0012	EA	Single Slide, Dura Care 7200TL/FBO Trackless Lead Panel Slide Or All Panel Slide, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	4,651.88	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
08 18 16 00-0013	EA	Single Slide, Dura Care 7300TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	4,651.88	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Self Closing, Add	*1,033.75*	
08 18 16 00-0014	EA	Single Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	5,892.38	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0015	EA	Single Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	6,099.12	
		For Special Finish, Add	*1,240.50*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0016	EA	Single Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	4,962.00	
		For Special Finish, Add	*1,137.12*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*361.81*	
		For Aluminum Transom, Add	*723.62*	
08 18 16 00-0017	EA	Bi Part Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, and patient consult applications.	4,755.25	
		For Special Finish, Add	*2,274.25*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0018	EA	Bi Part Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, and patient consult applications.	4,755.25	
		For Special Finish, Add	*2,274.25*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0019	EA	Bi Part Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	7,753.12	
		For Special Finish, Add	*2,274.25*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0020	EA	Bi Part Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	8,063.25	
		For Special Finish, Add	*2,274.25*	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*516.88*	
		For Aluminum Transom, Add	*723.62*	
		For Added Panel, Add	*1,343.88*	
08 18 16 00-0021	EA	Bi Part Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.	6,616.00	
		For Positive Latch, Add	*620.25*	
		For Smoke And Draft UL1784, Add	*361.81*	
		For Aluminum Transom, Add	*723.62*	
08 18 16 00-0022	EA	Bi Part Slide, Dura Care 7600 Split Fold, Stanley Manual Door Note: Patient bays, ICU room, ER, patient consult, latching, and closing applications.	7,360.30	
		For Special Finish, Add	*2,274.25*	
		For Positive Latch, Add	*2,481.00*	
		For Smoke And Draft UL1784, Add	*1,137.12*	
		For Aluminum Transom, Add	*723.62*	

08 18 16 00-0023 Sliding Plastic-Framed Glass Doors *(08 18 16)*

08 18 16 00-0024 Sliding Vinyl-Framed Glass Doors *(08 18 16 00-0023)*

08 18 16 00-0025 Vinyl Sliding Glass Doors (Pella Vinyl 10 Series) *(08 18 16 00-0024)*

Note: Includes white solid vinyl interior and exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.

08 18 16 00-0026	EA	5' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,841.33	86.60
		For Insect Screen, Add	*291.92*	
		For Grilles Between The Glass, Add	*366.98*	
		For Low-E Tempered Insulated Glass, Add	*750.65*	
08 18 16 00-0027	EA	6' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,910.80	92.38
		For Insect Screen, Add	*302.06*	
		For Grilles Between The Glass, Add	*379.73*	
		For Low-E Tempered Insulated Glass, Add	*776.71*	

08 18 16 00-0028 Sliding Wood-Framed Glass Doors *(08 18 16)*

08 18 16 00-0029 Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0028)*

08 18 16 00-0030	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,053.40	155.90
08 18 16 00-0031	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,506.81	190.53
08 18 16 00-0032	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,896.59	219.41
08 18 16 00-0033	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,256.04	155.90
08 18 16 00-0034	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,768.54	190.53
08 18 16 00-0035	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,220.50	219.41

08 18 16 00-0036 Wood Clad Sliding Glass Doors *(08 18 16 00-0028)*

08 18 16 00-0037 Wood Clad Sliding Glass Doors (Andersen 200 Series Perma-Shield) *(08 18 16 00-0036)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0038	EA	5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	1,764.30	86.60
		For Insect Screen, Add	*159.11*	
		For Grilles Between The Glass, Add	*190.93*	
		For Low-E Tempered Insulated Glass, Add	*397.77*	
08 18 16 00-0039	EA	6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	1,980.93	92.38
		For Insect Screen, Add	*179.62*	
		For Grilles Between The Glass, Add	*215.54*	
		For Low-E Tempered Insulated Glass, Add	*449.04*	
08 18 16 00-0040	EA	6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	2,094.52	95.27
		For Insect Screen, Add	*190.40*	
		For Grilles Between The Glass, Add	*228.48*	
		For Low-E Tempered Insulated Glass, Add	*476.00*	
08 18 16 00-0041	EA	8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	2,557.84	106.82
		For Insect Screen, Add	*234.42*	
		For Grilles Between The Glass, Add	*281.31*	
		For Low-E Tempered Insulated Glass, Add	*586.05*	
08 18 16 00-0042	EA	6' x 8', Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	2,484.27	101.04
		For Insect Screen, Add	*228.22*	
		For Grilles Between The Glass, Add	*273.86*	
		For Low-E Tempered Insulated Glass, Add	*570.55*	
08 18 16 00-0043	EA	8' x 8', Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)	2,920.64	112.59
		For Insect Screen, Add	*269.55*	
		For Grilles Between The Glass, Add	*323.46*	
		For Low-E Tempered Insulated Glass, Add	*673.87*	

08 18 16 00-0044 Wood Clad Sliding Glass Doors (Andersen 400 Series Frenchwood) *(08 18 16 00-0036)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered Low-E insulated glass. Excludes grilles and insect screens.

08 18 16 00-0045	EA	5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	3,298.43	86.60
		For Insect Screen, Add	*312.52*	
		For Grilles Between The Glass, Add	*375.03*	
		For Low-E Tempered Insulated Glass, Add	*781.30*	
08 18 16 00-0046	EA	6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	3,668.03	92.38
		For Insect Screen, Add	*348.33*	
		For Grilles Between The Glass, Add	*417.99*	
		For Low-E Tempered Insulated Glass, Add	*870.82*	
08 18 16 00-0047	EA	8' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	4,405.01	103.93
		For Insect Screen, Add	*419.72*	
		For Grilles Between The Glass, Add	*503.66*	
		For Low-E Tempered Insulated Glass, Add	*1,049.29*	
08 18 16 00-0048	EA	5' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	3,454.49	89.49
		For Insect Screen, Add	*327.55*	
		For Grilles Between The Glass, Add	*393.06*	
		For Low-E Tempered Insulated Glass, Add	*818.88*	
08 18 16 00-0049	EA	6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	3,780.49	95.27
		For Insect Screen, Add	*359.00*	
		For Grilles Between The Glass, Add	*430.80*	
		For Low-E Tempered Insulated Glass, Add	*897.49*	
08 18 16 00-0050	EA	8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	4,564.95	106.82
		For Insect Screen, Add	*435.13*	
		For Grilles Between The Glass, Add	*522.16*	
		For Low-E Tempered Insulated Glass, Add	*1,087.83*	
08 18 16 00-0051	EA	5' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	4,162.23	95.27
		For Insect Screen, Add	*397.17*	
		For Grilles Between The Glass, Add	*476.60*	
		For Low-E Tempered Insulated Glass, Add	*992.93*	
08 18 16 00-0052	EA	6' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	4,531.84	101.04
		For Insect Screen, Add	*432.98*	
		For Grilles Between The Glass, Add	*519.57*	
		For Low-E Tempered Insulated Glass, Add	*1,082.44*	
08 18 16 00-0053	EA	8' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)	5,266.61	112.59
		For Insect Screen, Add	*504.14*	
		For Grilles Between The Glass, Add	*604.97*	
		For Low-E Tempered Insulated Glass, Add	*1,260.36*	

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	469.71	64.97
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	546.33	69.22
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	637.54	73.20
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	735.56	76.93
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	752.40	77.32
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	973.19	79.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0009		**Stainless Steel Access Doors** *(08 31 13 00-0001)*		
08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	190.39	49.83
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	227.03	64.97
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	321.63	69.22
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	345.14	73.20
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	400.12	76.93
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	455.26	77.32
08 31 13 00-0016		**Steel Access Doors** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0017		**Insulated Fire Rated Steel Access Doors** *(08 31 13 00-0016)*		
08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	202.35	65.36
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	240.42	69.22
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	243.77	73.20
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	281.22	77.32
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	290.94	77.32
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	379.77	79.72
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	428.54	83.04
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	509.00	83.04
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	645.86	99.64
08 31 13 00-0027		**Steel Access Doors** *(08 31 13 00-0016)*		
08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	127.62	50.09
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	136.46	65.36
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	151.86	69.22
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	157.91	73.20
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	179.16	77.32
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	181.84	77.32
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	233.41	79.72
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	284.79	83.04
08 31 13 00-0036		**Fiberglass Reinforced Polyester (FRP) Access Doors** *(08 31 13)*		
08 31 13 00-0037	EA	8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	201.52	49.83
08 31 13 00-0038	EA	12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	223.22	53.15
08 31 13 00-0039	EA	12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	276.32	56.47
08 31 13 00-0040	EA	18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	329.20	59.79
08 31 13 00-0041	EA	24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	385.76	62.84
08 31 13 00-0042	EA	24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	414.09	63.11
08 31 13 00-0043		**Steel Recessed Access Doors For Drywall Application** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0044	EA	8" x 8" Recessed Steel Access Door With Cam Latch	159.58	49.83
		For Recessed Doors In Acoustical Tile, Add	*30.87*	
08 31 13 00-0045	EA	12" x 12" Recessed Steel Access Door With Cam Latch	168.32	53.41
		For Recessed Doors In Acoustical Tile, Add	*33.47*	
08 31 13 00-0046	EA	12" x 18" Recessed Steel Access Door With Cam Latch	179.98	56.47
		For Recessed Doors In Acoustical Tile, Add	*35.14*	
08 31 13 00-0047	EA	18" x 18" Recessed Steel Access Door With Cam Latch	204.35	59.79
		For Recessed Doors In Acoustical Tile, Add	*35.11*	
08 31 13 00-0048	EA	24" x 18" Recessed Steel Access Door With Cam Latch	215.24	63.11
		For Recessed Doors In Acoustical Tile, Add	*37.15*	
08 31 13 00-0049	EA	24" x 24" Recessed Steel Access Door With Cam Latch	229.38	63.11
		For Recessed Doors In Acoustical Tile, Add	*35.03*	
08 31 13 00-0050	EA	24" x 36" Recessed Steel Access Door With Cam Latch	286.87	79.72
		For Recessed Doors In Acoustical Tile, Add	*44.66*	
08 31 13 00-0051	EA	36" x 36" Recessed Steel Access Door With Cam Latch	377.47	83.04
		For Recessed Doors In Acoustical Tile, Add	*34.72*	
08 31 13 00-0052		**Steel Crawl Space Doors And Frames** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0053	EA	24" x 24" Steel Crawl Space Door With Cam Latch	189.64	84.10
08 31 13 00-0054	EA	30" x 24" Steel Crawl Space Door With Cam Latch	253.61	101.90
08 31 13 00-0055	EA	30" x 30" Steel Crawl Space Door With Cam Latch	281.51	110.68

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001		**Overhead Rolling Counter Doors** *(08 33 13)*		
08 33 13 00-0002		**Galvanized Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)*		
		Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,233.14	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,359.43	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,606.80	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,955.34	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,801.44	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,023.85	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,138.08	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,404.50	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	4,598.12	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,097.28	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,245.97	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,375.78	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,414.92	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,633.38	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,775.21	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,245.11	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,373.27	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,547.54	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,041.14	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,960.44	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,157.46	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,415.86	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,575.85	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,926.05	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	3,990.87	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,180.30	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,490.82	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,902.50	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,369.73	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,623.72	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,801.09	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,972.79	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0038		**Stainless Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	5,868.70	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,594.75	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,743.45	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	8,236.28	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,322.48	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,586.32	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,818.91	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	8,334.19	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	
08 33 13 00-0047		**Integral Frame And Sill, Overhead Rolling Counter Doors** *(08 33 13)*		
08 33 13 00-0048		**Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	7,945.69	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,119.95	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,974.91	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,748.67	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,207.08	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,509.05	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,734.39	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,714.27	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	
08 33 13 00-0057		**Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,074.37	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,248.63	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,480.83	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,877.35	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,858.55	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,160.52	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,472.99	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,755.82	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0066		**Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	11,132.55	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,040.11	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,913.17	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	15,042.98	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,493.89	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,529.15	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,941.57	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	16,865.25	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	
08 33 13 00-0075		**Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	6,958.64	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,084.93	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,395.44	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,059.70	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,337.50	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,844.07	510.79
		For Motor Operator (With Safety Reverse), Add	*777.71*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,274.01	531.24
		For Motor Operator (With Safety Reverse), Add	*782.82*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	9,645.45	574.69
		For Motor Operator (With Safety Reverse), Add	*793.67*	
08 33 13 00-0084		**Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	13,401.45	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	13,855.23	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	15,728.29	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0088		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	7,463.79	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	9,989.55	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	11,310.37	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0092		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	6,579.77	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	7,337.50	459.75
		For Motor Operator (With Safety Reverse), Add	*764.94*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	7,837.45	488.48
		For Motor Operator (With Safety Reverse), Add	*770.73*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	8,691.14	574.69
		For Motor Operator (With Safety Reverse), Add	*792.96*	
08 33 16		**Coiling Counter Grilles** *(08 33)*		
08 33 16 00-0001		Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*		
08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,540.65	201.14
		For Lexan Lattice Pattern, Add	*144.89*	
		For Staggered Brick Pattern, Add	*129.41*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,735.60	235.62
		For Lexan Lattice Pattern, Add	*159.48*	
		For Staggered Brick Pattern, Add	*175.56*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,927.99	268.15
		For Lexan Lattice Pattern, Add	*174.26*	
		For Staggered Brick Pattern, Add	*221.71*	
08 33 16 00-0005	EA	10' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,148.89	304.59
		For Lexan Lattice Pattern, Add	*193.03*	
		For Staggered Brick Pattern, Add	*267.87*	
08 33 16 00-0006	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,370.00	339.07
		For Lexan Lattice Pattern, Add	*211.80*	
		For Staggered Brick Pattern, Add	*314.01*	
08 33 16 00-0007	EA	14' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,670.72	367.80
		For Lexan Lattice Pattern, Add	*242.42*	
		For Staggered Brick Pattern, Add	*364.04*	
08 33 16 00-0008	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,969.73	402.28
		For Lexan Lattice Pattern, Add	*273.05*	
		For Staggered Brick Pattern, Add	*414.06*	
08 33 16 00-0009	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,364.71	459.75
		For Lexan Lattice Pattern, Add	*303.68*	
		For Staggered Brick Pattern, Add	*414.06*	
08 33 16 00-0010	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,781.25	536.18
		For Lexan Lattice Pattern, Add	*337.31*	
		For Staggered Brick Pattern, Add	*514.11*	
08 33 16 00-0011	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,683.18	643.65
		For Lexan Lattice Pattern, Add	*426.18*	
		For Staggered Brick Pattern, Add	*531.62*	
08 33 16 00-0012	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,804.60	804.57
		For Lexan Lattice Pattern, Add	*525.88*	
		For Staggered Brick Pattern, Add	*610.24*	
08 33 16 00-0013	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,592.38	201.14
		For Lexan Lattice Pattern, Add	*152.65*	
		For Staggered Brick Pattern, Add	*150.35*	
08 33 16 00-0014	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,807.58	235.62
		For Lexan Lattice Pattern, Add	*170.28*	
		For Staggered Brick Pattern, Add	*204.48*	
08 33 16 00-0015	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,938.22	268.26
		For Lexan Lattice Pattern, Add	*175.79*	
		For Staggered Brick Pattern, Add	*258.61*	
08 33 16 00-0016	EA	10' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,144.62	304.59
		For Lexan Lattice Pattern, Add	*192.39*	
		For Staggered Brick Pattern, Add	*312.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0017	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,352.94	339.07
		For Lexan Lattice Pattern, Add	*208.98*	
		For Staggered Brick Pattern, Add	*366.86*	
08 33 16 00-0018	EA	14' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,677.32	367.80
		For Lexan Lattice Pattern, Add	*243.41*	
		For Staggered Brick Pattern, Add	*435.95*	
08 33 16 00-0019	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,001.70	402.28
		For Lexan Lattice Pattern, Add	*277.85*	
		For Staggered Brick Pattern, Add	*505.03*	
08 33 16 00-0020	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,422.05	459.75
		For Lexan Lattice Pattern, Add	*312.28*	
		For Staggered Brick Pattern, Add	*505.03*	
08 33 16 00-0021	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,839.84	536.18
		For Lexan Lattice Pattern, Add	*346.71*	
		For Staggered Brick Pattern, Add	*643.20*	
08 33 16 00-0022	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,815.77	643.65
		For Lexan Lattice Pattern, Add	*446.07*	
		For Staggered Brick Pattern, Add	*741.48*	
08 33 16 00-0023	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,887.15	804.57
		For Lexan Lattice Pattern, Add	*538.26*	
		For Staggered Brick Pattern, Add	*831.25*	

08 33 16 00-0024 Aluminum Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0025	EA	4' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,646.50	201.14
		For Lexan Lattice Pattern, Add	*160.77*	
		For Staggered Brick Pattern, Add	*129.41*	
08 33 16 00-0026	EA	6' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,881.27	235.62
		For Lexan Lattice Pattern, Add	*181.33*	
		For Staggered Brick Pattern, Add	*175.56*	
08 33 16 00-0027	EA	8' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,113.49	268.15
		For Lexan Lattice Pattern, Add	*202.08*	
		For Staggered Brick Pattern, Add	*221.71*	
08 33 16 00-0028	EA	10' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,374.21	304.59
		For Lexan Lattice Pattern, Add	*226.83*	
		For Staggered Brick Pattern, Add	*267.87*	
08 33 16 00-0029	EA	12' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,636.85	339.07
		For Lexan Lattice Pattern, Add	*251.57*	
		For Staggered Brick Pattern, Add	*314.01*	
08 33 16 00-0030	EA	14' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,001.87	367.80
		For Lexan Lattice Pattern, Add	*292.10*	
		For Staggered Brick Pattern, Add	*364.04*	
08 33 16 00-0031	EA	16' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,366.91	402.28
		For Lexan Lattice Pattern, Add	*332.63*	
		For Staggered Brick Pattern, Add	*414.06*	
08 33 16 00-0032	EA	18' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,827.92	459.75
		For Lexan Lattice Pattern, Add	*373.16*	
		For Staggered Brick Pattern, Add	*414.06*	
08 33 16 00-0033	EA	20' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,290.45	536.18
		For Lexan Lattice Pattern, Add	*413.69*	
		For Staggered Brick Pattern, Add	*514.11*	
08 33 16 00-0034	EA	24' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,318.27	643.65
		For Lexan Lattice Pattern, Add	*521.45*	
		For Staggered Brick Pattern, Add	*531.62*	
08 33 16 00-0035	EA	30' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	6,547.95	804.57
		For Lexan Lattice Pattern, Add	*637.38*	
		For Staggered Brick Pattern, Add	*610.24*	
08 33 16 00-0036	EA	4' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,751.13	201.14
		For Lexan Lattice Pattern, Add	*176.47*	
		For Staggered Brick Pattern, Add	*150.35*	
08 33 16 00-0037	EA	6' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,045.71	235.62
		For Lexan Lattice Pattern, Add	*206.00*	
		For Staggered Brick Pattern, Add	*204.48*	
08 33 16 00-0038	EA	8' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,255.70	268.26
		For Lexan Lattice Pattern, Add	*223.42*	
		For Staggered Brick Pattern, Add	*258.61*	
08 33 16 00-0039	EA	10' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,541.51	304.59
		For Lexan Lattice Pattern, Add	*251.92*	
		For Staggered Brick Pattern, Add	*312.74*	
08 33 16 00-0040	EA	12' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,829.26	339.07
		For Lexan Lattice Pattern, Add	*280.43*	
		For Staggered Brick Pattern, Add	*366.86*	
08 33 16 00-0041	EA	14' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,233.03	367.80
		For Lexan Lattice Pattern, Add	*326.77*	
		For Staggered Brick Pattern, Add	*435.95*	
08 33 16 00-0042	EA	16' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,636.80	402.28
		For Lexan Lattice Pattern, Add	*373.11*	
		For Staggered Brick Pattern, Add	*505.03*	
08 33 16 00-0043	EA	18' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,136.53	459.75
		For Lexan Lattice Pattern, Add	*419.45*	
		For Staggered Brick Pattern, Add	*505.03*	
08 33 16 00-0044	EA	20' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,633.71	536.18
		For Lexan Lattice Pattern, Add	*465.79*	
		For Staggered Brick Pattern, Add	*643.20*	
08 33 16 00-0045	EA	24' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,768.40	643.65
		For Lexan Lattice Pattern, Add	*588.97*	
		For Staggered Brick Pattern, Add	*741.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0046	EA	30' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	6,996.26	804.57
		For Lexan Lattice Pattern, Add	*704.63*	
		For Staggered Brick Pattern, Add	*831.25*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0051 for scissor lifts, 01 22 23 00-1079 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports and weatherseal. See CSI section 05 12 23 00-0422 for lightweight framing and angle iron.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,409.69	590.66
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,510.63	625.41
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,506.95	625.41
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,612.69	660.15
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,638.97	677.56
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,779.06	729.64
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,898.52	764.39
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,862.22	764.39
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,923.27	781.76
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,995.99	799.13
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,138.95	833.88
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,990.93	799.13
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,114.78	833.88
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,256.76	868.62
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,363.71	903.37

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,492.87	879.05
		For 3/4" Insulated Slats, Add	*1,520.85*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,592.85	899.03
		For 3/4" Insulated Slats, Add	*1,570.81*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,888.53	958.96
		For 3/4" Insulated Slats, Add	*1,717.70*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,151.38	998.91
		For 3/4" Insulated Slats, Add	*1,864.89*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,740.21	919.01
		For 3/4" Insulated Slats, Add	*1,656.40*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,036.78	998.91
		For 3/4" Insulated Slats, Add	*1,778.94*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,253.44	1,038.88
		For 3/4" Insulated Slats, Add	*1,891.49*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,530.44	1,078.83
		For 3/4" Insulated Slats, Add	*2,049.29*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,999.27	958.96
		For 3/4" Insulated Slats, Add	*1,800.75*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,237.62	998.91
		For 3/4" Insulated Slats, Add	*1,929.57*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,555.90	1,078.83
		For 3/4" Insulated Slats, Add	*2,068.38*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,913.25	1,113.58
		For 3/4" Insulated Slats, Add	*2,292.97*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,022.26	1,183.07
		For 3/4" Insulated Slats, Add	*2,287.86*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,491.00	1,252.56
		For 3/4" Insulated Slats, Add	*2,552.56*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,979.74	1,322.04
		For 3/4" Insulated Slats, Add	*2,832.25*	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,077.04	791.14
		For 3/4" Insulated Slats, Add	*1,318.85*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,314.48	835.10
		For 3/4" Insulated Slats, Add	*1,441.95*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,482.68	869.85
		For 3/4" Insulated Slats, Add	*1,524.67*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,508.00	923.00
		For 3/4" Insulated Slats, Add	*1,477.21*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,849.99	1,010.91
		For 3/4" Insulated Slats, Add	*1,623.82*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,072.19	1,045.66
		For 3/4" Insulated Slats, Add	*1,747.04*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,611.69	1,080.40
		For 3/4" Insulated Slats, Add	*2,108.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,185.94	1,132.52
		For 3/4" Insulated Slats, Add	*2,473.77*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,815.80	988.92
		For 3/4" Insulated Slats, Add	*1,625.71*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,131.48	1,054.86
		For 3/4" Insulated Slats, Add	*1,780.04*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,386.67	1,098.82
		For 3/4" Insulated Slats, Add	*1,916.45*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,905.14	1,133.57
		For 3/4" Insulated Slats, Add	*2,261.87*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,458.33	1,185.67
		For 3/4" Insulated Slats, Add	*2,611.62*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,506.95	1,142.76
		For 3/4" Insulated Slats, Add	*1,951.76*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,842.59	1,186.72
		For 3/4" Insulated Slats, Add	*2,148.51*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,451.47	1,256.21
		For 3/4" Insulated Slats, Add	*2,518.30*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,129.83	1,360.45
		For 3/4" Insulated Slats, Add	*2,896.78*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,821.10	1,499.43
		For 3/4" Insulated Slats, Add	*3,241.51*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,581.89	1,673.14
		For 3/4" Insulated Slats, Add	*3,594.94*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,412.15	1,881.62
		For 3/4" Insulated Slats, Add	*3,957.06*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,310.15	2,124.83
		For 3/4" Insulated Slats, Add	*4,326.54*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,859.20	1,186.72
		For 3/4" Insulated Slats, Add	*2,160.97*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,192.52	1,224.94
		For 3/4" Insulated Slats, Add	*2,363.18*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,953.76	1,294.43
		For 3/4" Insulated Slats, Add	*2,847.25*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,784.47	1,398.66
		For 3/4" Insulated Slats, Add	*3,339.99*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,598.34	1,537.65
		For 3/4" Insulated Slats, Add	*3,776.66*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,481.68	1,711.37
		For 3/4" Insulated Slats, Add	*4,222.02*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,434.53	1,919.83
		For 3/4" Insulated Slats, Add	*4,676.06*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,526.32	2,197.80
		For 3/4" Insulated Slats, Add	*5,147.46*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,940.24	1,381.83
		For 3/4" Insulated Slats, Add	*2,727.92*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,510.52	1,451.31
		For 3/4" Insulated Slats, Add	*3,068.77*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,195.54	1,520.80
		For 3/4" Insulated Slats, Add	*3,495.67*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,878.33	1,625.03
		For 3/4" Insulated Slats, Add	*3,877.47*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,669.80	1,764.01
		For 3/4" Insulated Slats, Add	*4,297.34*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,460.53	1,903.00
		For 3/4" Insulated Slats, Add	*4,716.67*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,095.67	2,076.72
		For 3/4" Insulated Slats, Add	*5,725.87*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,800.30	2,285.18
		For 3/4" Insulated Slats, Add	*6,743.76*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,150.89	1,589.10
		For 3/4" Insulated Slats, Add	*3,376.80*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,798.33	1,658.59
		For 3/4" Insulated Slats, Add	*3,775.52*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,375.98	1,728.08
		For 3/4" Insulated Slats, Add	*4,121.89*	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,043.31	1,832.31
		For 3/4" Insulated Slats, Add	*4,492.10*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,838.28	1,971.29
		For 3/4" Insulated Slats, Add	*4,914.60*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,743.15	2,110.27
		For 3/4" Insulated Slats, Add	*5,419.53*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,110.05	2,283.99
		For 3/4" Insulated Slats, Add	*6,227.54*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,557.02	2,492.47
		For 3/4" Insulated Slats, Add	*7,052.18*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,735.36	1,787.74
		For 3/4" Insulated Slats, Add	*3,566.81*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,315.82	1,857.23
		For 3/4" Insulated Slats, Add	*3,915.30*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,241.47	1,961.47
		For 3/4" Insulated Slats, Add	*4,479.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,101.51	2,100.44
		For 3/4" Insulated Slats, Add	*4,950.54*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,036.43	2,274.17
		For 3/4" Insulated Slats, Add	*5,434.58*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,041.56	2,482.64
		For 3/4" Insulated Slats, Add	*5,927.84*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,744.25	2,725.86
		For 3/4" Insulated Slats, Add	*6,900.84*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,548.58	3,003.81
		For 3/4" Insulated Slats, Add	*7,906.64*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,843.00	2,055.90
		For 3/4" Insulated Slats, Add	*4,062.34*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,941.94	2,125.39
		For 3/4" Insulated Slats, Add	*4,799.68*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,258.91	2,513.69
		For 3/4" Insulated Slats, Add	*5,302.11*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,433.87	2,617.93
		For 3/4" Insulated Slats, Add	*6,053.04*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,847.96	2,756.90
		For 3/4" Insulated Slats, Add	*6,939.88*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,423.03	2,895.88
		For 3/4" Insulated Slats, Add	*7,947.46*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,075.20	3,069.60
		For 3/4" Insulated Slats, Add	*8,969.43*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,823.47	3,278.08
		For 3/4" Insulated Slats, Add	*10,020.05*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,692.29	2,433.77
		For 3/4" Insulated Slats, Add	*4,227.04*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,926.27	2,538.01
		For 3/4" Insulated Slats, Add	*5,022.23*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,589.49	2,765.04
		For 3/4" Insulated Slats, Add	*5,985.78*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,115.83	2,869.28
		For 3/4" Insulated Slats, Add	*7,000.24*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,716.72	3,008.26
		For 3/4" Insulated Slats, Add	*8,027.18*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,478.02	3,147.24
		For 3/4" Insulated Slats, Add	*9,174.43*	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,314.11	3,320.96
		For 3/4" Insulated Slats, Add	*10,334.35*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,208.99	3,529.43
		For 3/4" Insulated Slats, Add	*11,494.92*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,682.28	2,677.14
		For 3/4" Insulated Slats, Add	*4,665.25*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,522.29	2,746.63
		For 3/4" Insulated Slats, Add	*5,208.40*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,332.92	2,816.12
		For 3/4" Insulated Slats, Add	*6,479.50*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,034.32	2,920.35
		For 3/4" Insulated Slats, Add	*7,625.26*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,739.50	3,059.33
		For 3/4" Insulated Slats, Add	*8,730.43*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,603.90	3,198.31
		For 3/4" Insulated Slats, Add	*9,955.00*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,868.87	3,389.41
		For 3/4" Insulated Slats, Add	*11,414.86*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,187.56	3,580.51
		For 3/4" Insulated Slats, Add	*12,915.00*	

08 33 23 11-0113 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,554.86	1,450.95
		For 3/4" Insulated Slats, Add	*3,102.55*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,196.82	1,523.91
		For 3/4" Insulated Slats, Add	*3,492.81*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,970.69	1,596.88
		For 3/4" Insulated Slats, Add	*3,982.01*	
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,735.05	1,706.25
		For 3/4" Insulated Slats, Add	*4,418.47*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,617.43	1,852.18
		For 3/4" Insulated Slats, Add	*4,897.84*	
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,498.98	1,998.12
		For 3/4" Insulated Slats, Add	*5,376.60*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,344.65	2,180.59
		For 3/4" Insulated Slats, Add	*6,532.83*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,263.28	2,399.48
		For 3/4" Insulated Slats, Add	*7,698.19*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,905.64	1,668.59
		For 3/4" Insulated Slats, Add	*3,843.58*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,636.31	1,741.56
		For 3/4" Insulated Slats, Add	*4,300.37*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,286.71	1,814.52
		For 3/4" Insulated Slats, Add	*4,696.97*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,033.28	1,923.90
		For 3/4" Insulated Slats, Add	*5,120.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,919.71	2,069.82
		For 3/4" Insulated Slats, Add	*5,602.50*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,932.53	2,215.75
		For 3/4" Insulated Slats, Add	*6,179.70*	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,469.71	2,398.23
		For 3/4" Insulated Slats, Add	*7,104.57*	
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,092.02	2,617.12
		For 3/4" Insulated Slats, Add	*8,047.69*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,538.07	1,877.06
		For 3/4" Insulated Slats, Add	*4,057.14*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,191.69	1,950.03
		For 3/4" Insulated Slats, Add	*4,456.15*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,235.35	2,059.54
		For 3/4" Insulated Slats, Add	*5,102.09*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,196.59	2,205.47
		For 3/4" Insulated Slats, Add	*5,640.61*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,237.01	2,387.81
		For 3/4" Insulated Slats, Add	*6,192.91*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,351.21	2,606.71
		For 3/4" Insulated Slats, Add	*6,754.94*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,260.66	2,862.15
		For 3/4" Insulated Slats, Add	*7,867.81*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,280.06	3,154.01
		For 3/4" Insulated Slats, Add	*9,017.53*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,758.22	2,158.63
		For 3/4" Insulated Slats, Add	*4,620.29*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,008.10	2,231.60
		For 3/4" Insulated Slats, Add	*5,466.49*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,202.73	2,639.36
		For 3/4" Insulated Slats, Add	*5,852.84*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,495.50	2,748.88
		For 3/4" Insulated Slats, Add	*6,685.61*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,049.71	2,894.81
		For 3/4" Insulated Slats, Add	*7,668.86*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,782.83	3,040.74
		For 3/4" Insulated Slats, Add	*8,786.29*	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,597.33	3,223.08
		For 3/4" Insulated Slats, Add	*9,919.15*	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,514.36	3,441.98
		For 3/4" Insulated Slats, Add	*11,083.31*	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,471.73	2,555.42
		For 3/4" Insulated Slats, Add	*4,659.52*	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,830.07	2,664.94
		For 3/4" Insulated Slats, Add	*5,541.47*	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,650.44	2,903.29
		For 3/4" Insulated Slats, Add	*6,608.64*	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,333.61	3,012.80
		For 3/4" Insulated Slats, Add	*7,734.21*	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,095.41	3,158.73
		For 3/4" Insulated Slats, Add	*8,873.14*	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,035.41	3,304.66
		For 3/4" Insulated Slats, Add	*10,145.73*	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,054.30	3,487.01
		For 3/4" Insulated Slats, Add	*11,431.88*	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,134.24	3,705.90
		For 3/4" Insulated Slats, Add	*12,718.22*	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,541.95	2,811.01
		For 3/4" Insulated Slats, Add	*5,142.71*	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,466.81	2,883.97
		For 3/4" Insulated Slats, Add	*5,745.15*	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,470.11	2,956.93
		For 3/4" Insulated Slats, Add	*7,156.41*	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,347.82	3,066.31
		For 3/4" Insulated Slats, Add	*8,427.88*	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,225.49	3,212.24
		For 3/4" Insulated Slats, Add	*9,653.73*	
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,280.06	3,358.16
		For 3/4" Insulated Slats, Add	*11,012.25*	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	22,773.41	3,558.86
		For 3/4" Insulated Slats, Add	*12,631.40*	
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	25,326.31	3,759.54
		For 3/4" Insulated Slats, Add	*14,295.30*	

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports and weatherseal. See CSI section 05 12 23 00-0422 for lightweight framing and angle iron.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,434.93	791.14
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,606.49	835.10
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,987.90	869.85
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,951.24	923.00
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,230.46	1,010.91
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,403.41	1,045.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,607.36	1,080.40
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,848.32	1,132.52
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,210.63	988.92
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,482.51	1,054.86
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,712.65	1,098.82
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,916.76	1,133.57
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,156.35	1,185.67
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,811.46	1,142.76
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,038.37	1,186.72
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,348.73	1,256.21
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,729.53	1,360.45
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,302.16	1,499.43
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,944.23	1,673.14
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,652.96	1,881.62
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,432.01	2,124.83
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,034.89	1,186.72
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,446.94	1,224.94
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,847.47	1,294.43
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,319.08	1,398.66
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,953.48	1,537.65
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,658.70	1,711.37
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,236.54	1,919.83
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,955.15	2,197.80
08 33 23 11-0193		**0.05" Aluminum Overhead Coiling Doors** *(08 33 23 11-0162)*		
08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,631.06	1,381.83
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,143.51	1,451.31
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,647.15	1,520.80
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,184.90	1,625.03
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,820.89	1,764.01
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,456.85	1,903.00
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,170.05	2,076.72
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,952.83	2,285.18
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,382.66	1,589.10
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,916.12	1,658.59
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,429.68	1,728.08
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,027.11	1,832.31
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,733.82	1,971.29
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,473.65	2,110.27
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,256.45	2,283.99
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,074.51	2,492.47
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,024.20	1,787.74
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,591.91	1,857.23
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,279.27	1,961.47
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,027.53	2,100.44
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,852.33	2,274.17
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,742.21	2,482.64
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,700.48	2,725.86
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,732.63	3,003.81
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,892.02	2,055.90
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,469.68	2,125.39
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,410.75	2,229.63
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,121.88	2,368.61
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,006.36	2,542.33
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,980.20	2,750.80
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,988.18	2,994.01
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,088.87	3,271.98
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,141.59	2,433.77
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,911.38	2,538.01
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,006.47	2,765.04
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,841.45	2,869.28
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,744.86	3,008.26
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,655.96	3,147.24
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,594.58	3,320.96
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,608.21	3,529.43
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,969.85	2,677.14
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,445.85	2,746.63
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,515.27	2,816.12
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,440.86	2,920.35
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,390.64	3,059.33
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,340.45	3,198.31
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,474.64	3,372.04
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,711.50	3,580.50
08 33 23 11-0242		**Overhead Coiling Door Accessories** *(08 33 23 11)*		
08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.21	1.44
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	35.02	1.73
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	33.38	1.73
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	211.34	72.17
08 33 23 11-0247	LF	3" High Vision Lites, 5/8" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	16.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0248	LF	10" High Vision Lites, 1" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	67.90	
08 33 23 11-0249	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,866.35	230.96
08 33 23 11-0250	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,367.32	230.96
08 33 23 11-0251	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,212.24	259.82
08 33 23 11-0252	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,623.55	259.82
08 33 23 11-0253	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,858.71	288.69
08 33 23 11-0254	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	3,108.23	288.69
08 33 23 11-0255	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	81.51	
08 33 23 11-0256	EA	Remote Transmitter Kit For Coiling Door Operators	299.86	115.47

08 33 23 11-0257 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

08 33 23 11-0258	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	24.59	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1079 for forklift.

08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)*

Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.

08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*

08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,317.03	422.64
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,606.22	442.28
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,893.49	461.90
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,178.81	481.54
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,468.01	501.17
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80

08 33 23 13-0010 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,606.22	442.28
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,893.49	461.90
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,178.81	481.54
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,468.01	501.17
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,042.53	540.44

08 33 23 13-0017 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,893.49	461.90
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,178.81	481.54
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,468.01	501.17
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,042.53	540.44
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,331.74	560.06

08 33 23 13-0024 8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,178.81	481.54
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,468.01	501.17
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,042.53	540.44
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,331.74	560.06
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,617.06	579.70

08 33 23 13-0031 9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,468.01	501.17
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,042.53	540.44
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,331.74	560.06
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,617.06	579.70
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,906.25	599.33
08 33 23 13-0038		10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,755.27	520.80
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,042.53	540.44
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,331.74	560.06
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,617.06	579.70
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,906.25	599.33
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	8,193.51	618.96
08 33 23 13-0045		Rytec® Bantam® Door Options *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	12.11	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	26.64	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	38.75	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	368.12	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	696.72	57.74
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	696.72	57.74
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	2,991.89	115.47
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	367.34	57.74
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	357.66	57.74
08 33 23 13-0055		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0055)*		
08 33 23 13-0057		6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,502.71	461.90
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,768.01	481.54
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,074.57	501.17
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,503.12	520.80
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,940.65	540.44
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,679.57	560.06
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,203.20	579.70
08 33 23 13-0065		7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,827.21	481.54
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,166.06	501.17
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,592.82	520.80
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,044.70	540.44
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,641.89	560.06
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,362.86	579.70
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,931.35	599.33
08 33 23 13-0073		8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,223.47	501.17
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,648.44	520.80
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,118.25	540.44
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,733.39	560.06
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,287.52	579.70
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,073.07	599.33
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,716.90	618.96
08 33 23 13-0081		9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,707.64	520.80
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,173.86	540.44
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,789.00	560.06
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,361.07	579.70
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,961.85	599.33
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,585.94	618.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,271.03	638.59
08 33 23 13-0089		**10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,220.51	540.44
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,848.20	560.06
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,414.89	579.70
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,021.05	599.33
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,693.58	618.96
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,826.13	638.59
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,972.28	658.22
08 33 23 13-0097		**11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,882.29	560.06
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,463.33	579.70
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,076.66	599.33
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,750.99	618.96
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,192.10	638.59
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,069.15	658.22
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,786.54	677.85
08 33 23 13-0105		**12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,479.47	579.70
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,108.95	599.33
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,795.84	618.96
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,253.09	638.59
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,855.67	658.22
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,869.06	677.85
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	23,572.09	697.49
08 33 23 13-0113		**Rytec® PredaDoor® Door Options** *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	814.00	115.47
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	1,199.71	115.47
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	14.53	
08 33 23 13-0117		**3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118		**3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0117)*		
08 33 23 13-0119		**8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0118)*		
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,966.14	1,039.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,103.21	1,068.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,093.17	1,098.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,158.48	1,127.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,367.32	1,157.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,998.49	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,988.46	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,869.53	1,247.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,277.08	1,280.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,413.14	1,313.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,822.17	1,347.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

08 33 23 13-0131 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,103.21	1,068.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,093.17	1,098.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,158.48	1,127.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,367.32	1,157.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,998.49	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,988.46	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,267.25	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,277.08	1,280.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,413.14	1,313.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,822.17	1,347.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,502.30	1,382.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

08 33 23 13-0143 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,093.17	1,098.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,158.48	1,127.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,367.32	1,157.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,998.49	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,988.46	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,267.25	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,474.29	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,411.86	1,312.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,820.86	1,346.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,500.95	1,381.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,915.49	1,417.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,158.48	1,127.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,367.32	1,157.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,998.49	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,988.46	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,267.25	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,474.29	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,824.84	1,304.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,817.71	1,345.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,497.72	1,380.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,912.17	1,416.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,593.93	1,452.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,367.32	1,157.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,998.49	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,988.46	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,267.25	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,474.29	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,824.84	1,304.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,793.29	1,333.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,492.88	1,377.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,907.20	1,413.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,588.83	1,450.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,272.37	1,488.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 23 13-0179 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,737.60	1,186.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,005.64	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,207.30	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,604.49	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,996.31	1,304.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,027.54	1,333.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,809.40	1,363.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,011.30	1,410.43
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,694.70	1,447.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,385.83	1,484.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,873.54	1,523.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,005.64	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,207.30	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,604.49	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,996.31	1,304.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,027.54	1,333.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,809.40	1,363.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,975.19	1,392.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,686.52	1,443.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,377.43	1,480.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,864.92	1,519.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,115.58	1,558.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,148.98	1,215.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,546.68	1,245.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,938.57	1,274.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,970.08	1,304.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,751.66	1,333.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,916.86	1,363.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,649.88	1,424.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,368.77	1,476.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,856.04	1,514.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,106.47	1,553.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,390.20	1,594.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,600.94	1,272.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,995.57	1,303.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,029.83	1,334.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,814.14	1,365.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,982.08	1,395.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,653.77	1,426.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,331.28	1,457.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,847.18	1,510.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,097.38	1,549.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,380.88	1,589.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,678.10	1,631.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

08 33 23 13-0227 17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,864.60	1,301.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,028.15	1,333.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,437.76	1,364.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,986.86	1,396.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,408.10	1,427.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,524.89	1,459.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,564.18	1,490.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,088.32	1,544.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,371.58	1,585.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,668.56	1,626.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,896.00	1,668.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,400.85	1,331.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,939.78	1,364.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,616.29	1,396.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,286.96	1,428.52
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,029.34	1,460.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,507.96	1,493.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,056.32	1,525.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,302.00	1,580.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,659.06	1,621.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,822.30	1,663.66
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,055.55	1,706.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

08 33 23 13-0251 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,936.54	1,362.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,614.53	1,395.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,286.69	1,428.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,030.55	1,461.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,510.65	1,494.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,060.51	1,527.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,261.87	1,560.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,649.57	1,616.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,812.57	1,658.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,045.57	1,701.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,280.82	1,746.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,611.22	1,393.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,284.89	1,427.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,030.27	1,461.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,511.89	1,494.98
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,063.26	1,528.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,266.14	1,562.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,608.50	1,596.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,802.88	1,653.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,035.61	1,696.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,270.61	1,741.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,236.63	1,786.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,841.91	1,494.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,325.08	1,529.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,876.07	1,563.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,084.36	1,598.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,426.36	1,632.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,623.38	1,691.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,858.09	1,735.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	65,095.11	1,781.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,063.23	1,827.43
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,786.15	1,529.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,272.86	1,564.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,823.49	1,599.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,031.45	1,635.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,378.90	1,670.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,578.63	1,730.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,815.38	1,775.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,052.54	1,822.09
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	69,024.72	1,869.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,733.93	1,564.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,220.32	1,600.52
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,774.52	1,636.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,984.09	1,672.80
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,331.23	1,708.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,535.69	1,770.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,772.58	1,816.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	69,013.78	1,864.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,988.14	1,912.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,681.39	1,600.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,169.44	1,637.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	61,727.23	1,674.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,938.47	1,711.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,285.35	1,748.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,490.70	1,811.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,731.63	1,858.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,976.96	1,906.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	72,949.68	1,956.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0315 Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*

08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	53.82	
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	583.04	
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	968.75	
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,424.63	
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	2,131.24	
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	340.86	
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	672.74	
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	852.14	
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	1,345.48	
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	394.67	
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	780.38	
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	968.75	
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	1,560.76	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	774.92	
		For 304 Stainless Steel, Add	*123.99*	
		For 316 Stainless Steel, Add	*542.44*	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	1,007.40	
		For 304 Stainless Steel, Add	*161.18*	
		For 316 Stainless Steel, Add	*705.18*	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,317.37	
		For 304 Stainless Steel, Add	*210.78*	
		For 316 Stainless Steel, Add	*922.16*	
08 33 23 13-0332	EA	Through Wall Brake Release	200.50	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	22,240.35	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*	

08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lb. polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*

08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,078.50	1,039.29
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,366.01	1,068.74
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,880.21	1,098.19
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,394.41	1,127.63
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,910.56	1,157.08
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,424.76	1,186.53
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,710.35	1,215.97
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,230.83	1,247.59
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,206.33	1,280.02
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,501.50	1,313.31
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,253.72	1,347.46

08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,366.01	1,068.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,651.59	1,098.19
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,167.72	1,127.63
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,910.56	1,157.08
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,196.14	1,186.53
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,710.35	1,215.97
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,226.49	1,245.42
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,751.02	1,280.02
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,956.81	1,313.31
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,166.28	1,347.46
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,375.61	1,382.49
08 33 23 13-0360		**10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,019.46	1,098.19
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,306.97	1,127.63
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,821.18	1,157.08
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,564.01	1,186.53
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,078.22	1,215.97
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,594.36	1,245.42
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,108.56	1,274.86
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,868.10	1,312.66
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,846.98	1,346.80
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,284.88	1,381.81
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,497.92	1,417.74
08 33 23 13-0372		**11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,078.35	1,127.63
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,592.56	1,157.08
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,108.70	1,186.53
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,851.53	1,215.97
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,365.73	1,245.42
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,879.93	1,274.86
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,080.01	1,304.32
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,527.76	1,345.21
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,965.59	1,380.19
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,405.22	1,416.08
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,618.10	1,452.90
08 33 23 13-0384		**12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,365.87	1,157.08
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,880.07	1,186.53
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,394.28	1,215.97
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,137.11	1,245.42
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,879.93	1,274.86
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,306.70	1,304.32
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,733.47	1,333.76
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,189.37	1,377.78
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,855.55	1,413.60
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,296.95	1,450.34
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,740.24	1,488.06
08 33 23 13-0396		**13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,880.07	1,186.53
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,167.60	1,215.97
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,681.80	1,245.42
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,653.25	1,274.86
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,306.70	1,304.32
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,962.09	1,333.76
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,388.85	1,363.20
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,077.86	1,410.43
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,747.69	1,447.10
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,417.50	1,484.72
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,862.58	1,523.32
08 33 23 13-0408		**14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,167.60	1,215.97
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,453.17	1,245.42
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,196.00	1,274.86
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,622.76	1,304.32
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,733.47	1,333.76
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,388.85	1,363.20
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,270.93	1,392.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,966.19	1,443.01
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,637.73	1,480.53
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,309.27	1,519.02
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,213.37	1,558.51
08 33 23 13-0420		15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,591.41	1,243.94
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,106.96	1,274.06
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,851.13	1,304.18
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,822.02	1,334.32
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,162.69	1,364.44
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,046.11	1,394.56
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,929.55	1,424.69
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,629.07	1,476.20
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,529.02	1,514.58
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,430.95	1,553.96
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,334.94	1,594.35
08 33 23 13-0432		16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,875.30	1,272.56
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,620.87	1,303.37
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,366.45	1,334.18
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,251.26	1,364.99
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,820.00	1,395.82
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,706.75	1,426.64
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,591.58	1,457.45
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,520.16	1,510.15
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,421.87	1,549.41
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,325.61	1,589.71
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,460.09	1,631.03
08 33 23 13-0444		17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,391.08	1,301.82
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,909.44	1,333.35
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,795.69	1,364.87
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,681.92	1,396.40
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,252.09	1,427.92
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,366.94	1,459.45
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,253.18	1,490.97
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,412.81	1,544.89
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,316.32	1,585.05
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,450.55	1,626.26
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,586.92	1,668.55
08 33 23 13-0456		18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,906.28	1,331.76
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,426.10	1,364.01
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,997.71	1,396.26
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,114.02	1,428.51
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,685.66	1,460.76
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,801.95	1,493.01
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,146.88	1,525.26
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,307.06	1,580.41
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,441.04	1,621.50
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,577.16	1,663.66
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,715.48	1,706.93
08 33 23 13-0468		19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,878.17	1,362.39
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,628.09	1,395.39
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,429.81	1,428.38
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,547.60	1,461.37
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,349.33	1,494.36
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,467.14	1,527.35
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,811.61	1,560.34
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,976.25	1,616.77
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,338.81	1,658.81
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,476.87	1,701.94
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,845.81	1,746.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,308.71	1,393.73
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,060.15	1,427.48
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,634.77	1,461.23
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,982.70	1,494.98
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,785.94	1,528.73
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,131.95	1,562.48
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,479.87	1,596.24
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,873.81	1,653.96
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,240.23	1,696.96
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,606.97	1,741.07
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,976.00	1,786.35
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,601.45	1,425.78
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,722.31	1,460.31
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,843.17	1,494.84
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,419.34	1,529.36
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,224.14	1,563.89
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,800.32	1,598.42
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,147.86	1,632.95
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,773.07	1,691.99
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,141.47	1,735.99
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,510.24	1,781.12
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,109.98	1,827.42
08 33 23 13-0504		**22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,122.34	1,458.58
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,016.16	1,493.90
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,279.80	1,529.21
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,857.56	1,564.53
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,890.63	1,599.87
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,468.39	1,635.19
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,819.48	1,670.50
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,447.39	1,730.91
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,044.51	1,775.91
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,643.97	1,822.09
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	68,245.84	1,869.46
08 33 23 13-0516		**23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,785.93	1,492.12
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,452.76	1,528.25
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,489.39	1,564.39
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,297.40	1,600.52
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,332.10	1,636.65
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,911.49	1,672.79
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,719.49	1,708.94
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,350.20	1,770.72
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,949.40	1,816.75
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,779.61	1,864.00
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	70,383.64	1,912.46
08 33 23 13-0528		**24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,222.45	1,526.44
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,435.63	1,563.40
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,929.22	1,600.37
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,510.27	1,637.33
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,775.25	1,674.30
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,584.92	1,711.26
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,392.67	1,748.23
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,254.83	1,811.44
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,856.15	1,858.54
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	69,688.53	1,906.86
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	72,523.43	1,956.45
08 33 23 13-0540		**Rytec® Powerhouse™ Door Options** *(08 33 23 13-0334)*		
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,964.37	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,022.49	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,080.62	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,138.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,196.87	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,254.99	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,313.11	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,371.24	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,429.36	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,487.49	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,545.61	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,603.74	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,661.86	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,719.99	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,778.11	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,836.24	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,894.36	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	678.12	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,666.24	

08 33 23 13-0560 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)*

Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.

08 33 23 13-0561 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0560)*

08 33 23 13-0562 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,556.36	1,385.72
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,585.79	1,415.17
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,615.22	1,444.62
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,646.45	1,474.06
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,675.89	1,503.51
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,674.05	1,562.40
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,698.11	1,593.66
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,722.86	1,625.52
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,748.87	1,658.03
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,776.19	1,691.20

08 33 23 13-0574 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,585.79	1,415.17
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,615.22	1,444.62
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,646.45	1,474.06
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,675.89	1,503.51
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,734.76	1,562.40
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,703.48	1,591.85
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,712.86	1,623.69
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,756.75	1,656.16
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,784.00	1,689.29
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,812.57	1,723.07

08 33 23 13-0586 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,615.22	1,444.62
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,646.45	1,474.06
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,675.89	1,503.51
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,734.76	1,562.40
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,764.19	1,591.85
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,732.91	1,621.29
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,759.62	1,653.73
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,786.77	1,686.80
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,815.24	1,720.53
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,845.06	1,754.94

08 33 23 13-0598 11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,646.45	1,474.06
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,675.89	1,503.51
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,734.76	1,562.40
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,764.19	1,591.85
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,793.62	1,621.29
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,760.56	1,650.75
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,790.38	1,683.76
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,818.72	1,717.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,848.42	1,751.78
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,879.49	1,786.82
08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,675.89	1,503.51
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,734.76	1,562.40
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,764.19	1,591.85
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,793.62	1,621.29
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,823.06	1,650.75
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,791.78	1,680.19
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,821.14	1,713.80
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,850.69	1,748.07
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,881.60	1,783.04
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,915.87	1,818.69
08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,705.32	1,532.96
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,734.76	1,562.40
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,764.19	1,591.85
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,793.62	1,621.29
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,823.06	1,650.75
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,852.50	1,680.19
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,821.22	1,709.63
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,851.89	1,743.83
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,882.64	1,778.70
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,914.80	1,814.28
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,948.35	1,850.56
08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,674.05	1,562.40
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,703.48	1,591.85
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,732.91	1,621.29
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,760.56	1,650.75
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,791.78	1,680.19
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,821.22	1,709.63
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,841.69	1,739.09
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,872.96	1,773.87
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,904.91	1,809.34
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,938.28	1,845.53
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,973.10	1,882.44
08 33 23 13-0646		15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,698.11	1,593.66
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,730.80	1,623.69
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,759.62	1,653.73
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,790.38	1,683.76
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,821.14	1,713.80
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,851.89	1,743.83
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,872.96	1,773.87
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,904.91	1,809.34
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,938.28	1,845.53
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,973.10	1,882.44
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,009.39	1,920.10
08 33 23 13-0658		16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,722.86	1,625.52
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,756.75	1,656.16
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,786.77	1,686.80
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,818.72	1,717.43
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,850.69	1,748.07
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,882.64	1,778.70
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,904.91	1,809.34
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,938.28	1,845.53
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,973.10	1,882.44
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,009.39	1,920.10
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,049.13	1,958.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0670		**17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,748.87	1,658.03
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,784.00	1,689.29
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,815.24	1,720.53
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,848.42	1,751.78
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,881.60	1,783.04
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,914.80	1,814.28
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,938.28	1,845.53
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,973.10	1,882.44
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,009.39	1,920.10
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,049.13	1,958.49
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,088.47	1,997.66
08 33 23 13-0682		**18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,991.25	1,691.20
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,025.70	1,723.07
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,060.12	1,754.94
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,092.61	1,786.82
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,128.99	1,818.69
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,161.48	1,850.56
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,188.16	1,882.44
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,224.45	1,920.10
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,262.26	1,958.49
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,301.59	1,997.66
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,342.50	2,037.61
08 33 23 13-0694		**19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,339.58	1,725.02
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,377.23	1,757.53
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,411.00	1,790.05
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,446.71	1,822.55
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,482.42	1,855.07
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,518.12	1,887.57
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,544.14	1,920.10
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,581.94	1,958.49
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,621.28	1,997.66
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,662.19	2,037.61
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,706.62	2,078.37
08 33 23 13-0706		**20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,010.43	1,759.87
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,050.04	1,792.20
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,084.61	1,825.69
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,122.26	1,859.18
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,158.77	1,892.67
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,195.28	1,925.00
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,223.25	1,958.49
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,262.77	1,997.75
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,303.45	2,038.16
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	60,346.44	2,078.59
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	61,390.58	2,120.15
08 33 23 13-0718		**Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0560)*		
08 33 23 13-0719		**8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,811.18	923.82
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,598.53	943.44
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,385.89	963.08
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,169.65	982.70
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,957.00	1,002.34
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,008.99	1,041.60
08 33 23 13-0727		**9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)** *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,598.53	943.44
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,385.89	963.08
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,169.65	982.70
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,957.00	1,002.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,531.69	1,041.60
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,796.34	1,061.24
08 33 23 13-0735		10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,385.89	963.08
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,169.65	982.70
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,957.00	1,002.34
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,531.69	1,041.60
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,319.05	1,061.24
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,583.69	1,080.86
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,169.65	982.70
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,957.00	1,002.34
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,531.69	1,041.60
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,319.05	1,061.24
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,106.40	1,080.86
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,367.45	1,100.49
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,957.00	1,002.34
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,531.69	1,041.60
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,319.05	1,061.24
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,106.40	1,080.86
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,893.75	1,100.49
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,154.80	1,120.13
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,744.35	1,021.97
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,531.69	1,041.60
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,319.05	1,061.24
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,106.40	1,080.86
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,893.75	1,100.49
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	43,681.10	1,120.13
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,942.15	1,139.76
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,008.99	1,041.60
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,796.34	1,061.24
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,583.69	1,080.86
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,367.45	1,100.49
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,154.80	1,120.13
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,942.15	1,139.76
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	52,729.51	1,159.39
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)*		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,247.59	923.82
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,034.94	943.44
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,822.30	963.08
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,607.85	982.70
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,395.20	1,002.34
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,170.36	1,016.77
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,593.18	1,021.97
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,034.94	943.44
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,822.30	963.08
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,607.85	982.70
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,395.20	1,002.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,180.75	1,021.97
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,953.09	1,034.10
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,693.15	1,041.60
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,822.30	963.08
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,607.85	982.70
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,395.20	1,002.34
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,180.75	1,021.97
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,968.10	1,041.60
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,745.06	1,056.04
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,702.96	1,061.24
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,607.85	982.70
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,395.20	1,002.34
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,180.75	1,021.97
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,968.10	1,041.60
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,755.46	1,061.24
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,532.41	1,075.67
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,712.76	1,080.86
08 33 23 13-0808		12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,395.20	1,002.34
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,180.75	1,021.97
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,968.10	1,041.60
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,755.46	1,061.24
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,542.81	1,080.86
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,317.45	1,094.15
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,722.56	1,100.49
08 33 23 13-0816		13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,180.75	1,021.97
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,968.10	1,041.60
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,755.46	1,061.24
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,542.81	1,080.86
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,330.16	1,100.49
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,105.96	1,114.35
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,732.37	1,120.13
08 33 23 13-0824		14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,632.44	1,041.60
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,642.25	1,061.24
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,652.05	1,080.86
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	45,660.06	1,100.49
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	46,671.65	1,120.13
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,671.06	1,134.56
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,681.45	1,139.76
08 33 23 13-0832		Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0560)*		
08 33 23 13-0833		8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,639.12	923.82
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,641.32	943.44
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,641.59	963.08
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,174.65	982.70
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,709.66	1,002.34
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,244.66	1,021.97
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,779.67	1,041.60
08 33 23 13-0841		9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,641.32	943.44
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,641.59	963.08
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,641.84	982.70
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,176.85	1,002.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,709.92	1,021.97
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,244.92	1,041.60
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,789.62	1,061.24
08 33 23 13-0849		**10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,641.59	963.08
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,641.84	982.70
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,642.10	1,002.34
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,177.11	1,021.97
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,710.17	1,041.60
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,245.19	1,061.24
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,799.57	1,080.86
08 33 23 13-0857		**11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,641.84	982.70
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,642.10	1,002.34
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,642.36	1,021.97
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,177.36	1,041.60
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,712.38	1,061.24
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,245.45	1,080.86
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,807.58	1,100.49
08 33 23 13-0865		**12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,642.10	1,002.34
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,642.36	1,021.97
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,642.61	1,041.60
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,177.63	1,061.24
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,712.63	1,080.86
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,245.70	1,100.49
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,819.46	1,120.13
08 33 23 13-0873		**13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,642.36	1,021.97
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,642.61	1,041.60
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,642.88	1,061.24
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,177.89	1,080.86
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,712.89	1,100.49
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,247.90	1,120.13
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,829.40	1,139.76
08 33 23 13-0881		**14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,642.61	1,041.60
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,642.88	1,061.24
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,643.14	1,080.86
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,178.14	1,100.49
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,713.15	1,120.13
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,248.15	1,139.76
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	58,829.67	1,159.39
08 33 23 13-0889		**Rytec® Spiral® Door Options** *(08 33 23 13-0560)*		
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	583.04	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	1,084.22	57.74
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,137.20	115.47
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	5,657.74	115.47
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	6,438.12	115.47
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	678.12	
08 33 23 13-0900		**Activation And Control Box Options For High Speed Doors** *(08 33 23 13)*		
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	258.99	57.74
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	201.26	28.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	255.08	28.87
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	174.35	28.87
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	273.02	28.87
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	452.41	28.87
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	497.26	28.87
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	756.26	51.97
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	987.21	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	648.10	51.97
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	854.93	51.97
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	750.99	34.65
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	510.14	57.74
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	698.51	57.74
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	797.18	57.74
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	994.52	57.74

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1079 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,022.03	241.37
		For Lexan Lattice Pattern, Add	*199.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*145.37*	
		For Staggered Brick Pattern, Add	*196.78*	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,259.87	241.37
		For Lexan Lattice Pattern, Add	*235.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*218.06*	
		For Staggered Brick Pattern, Add	*266.50*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,731.40	301.71
		For Lexan Lattice Pattern, Add	*280.28*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*290.74*	
		For Staggered Brick Pattern, Add	*336.22*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,074.40	301.71
		For Lexan Lattice Pattern, Add	*331.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*475.66*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,298.99	482.74
		For Lexan Lattice Pattern, Add	*437.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.48*	
		For Staggered Brick Pattern, Add	*670.79*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,344.17	603.43
		For Lexan Lattice Pattern, Add	*543.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*726.85*	
		For Staggered Brick Pattern, Add	*865.91*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,701.41	724.12
		For Lexan Lattice Pattern, Add	*695.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.22*	
		For Staggered Brick Pattern, Add	*974.04*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,170.36	885.02
		For Lexan Lattice Pattern, Add	*847.47*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,010.23*	
		For Staggered Brick Pattern, Add	*1,062.32*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,194.42	241.37
		For Lexan Lattice Pattern, Add	*225.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*181.71*	
		For Staggered Brick Pattern, Add	*233.78*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,509.63	241.37
		For Lexan Lattice Pattern, Add	*273.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*272.56*	
		For Staggered Brick Pattern, Add	*331.98*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,007.39	301.71
		For Lexan Lattice Pattern, Add	*322.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*363.43*	
		For Staggered Brick Pattern, Add	*430.18*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,436.96	301.71
		For Lexan Lattice Pattern, Add	*386.50*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*545.14*	
		For Staggered Brick Pattern, Add	*626.58*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,776.42	482.74
		For Lexan Lattice Pattern, Add	*509.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*726.85*	
		For Staggered Brick Pattern, Add	*863.97*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,933.86	603.43
		For Lexan Lattice Pattern, Add	*631.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*908.56*	
		For Staggered Brick Pattern, Add	*1,101.35*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,413.88	724.12
		For Lexan Lattice Pattern, Add	*802.00*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,090.41*	
		For Staggered Brick Pattern, Add	*1,275.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,270.49	885.02
		For Lexan Lattice Pattern, Add	*1,012.49*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,276.71*	
		For Staggered Brick Pattern, Add	*1,428.79*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,391.83	241.37
		For Lexan Lattice Pattern, Add	*255.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*218.06*	
		For Staggered Brick Pattern, Add	*270.24*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,448.98	241.37
		For Lexan Lattice Pattern, Add	*263.99*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*327.08*	
		For Staggered Brick Pattern, Add	*396.36*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,990.90	301.71
		For Lexan Lattice Pattern, Add	*319.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.10*	
		For Staggered Brick Pattern, Add	*522.48*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,849.88	301.71
		For Lexan Lattice Pattern, Add	*448.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*654.14*	
		For Staggered Brick Pattern, Add	*774.72*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,451.31	482.74
		For Lexan Lattice Pattern, Add	*610.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.21*	
		For Staggered Brick Pattern, Add	*1,077.09*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,873.33	603.43
		For Lexan Lattice Pattern, Add	*772.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,090.27*	
		For Staggered Brick Pattern, Add	*1,379.45*	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,326.88	724.12
		For Lexan Lattice Pattern, Add	*938.95*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,308.33*	
		For Staggered Brick Pattern, Add	*1,458.58*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,357.43	885.02
		For Lexan Lattice Pattern, Add	*1,175.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,516.16*	
		For Staggered Brick Pattern, Add	*1,589.14*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,744.92	241.37
		For Lexan Lattice Pattern, Add	*308.38*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*254.30*	
		For Staggered Brick Pattern, Add	*499.84*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,130.42	241.37
		For Lexan Lattice Pattern, Add	*366.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*381.53*	
		For Staggered Brick Pattern, Add	*613.74*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,691.39	301.71
		For Lexan Lattice Pattern, Add	*424.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*508.75*	
		For Staggered Brick Pattern, Add	*714.65*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,501.20	301.71
		For Lexan Lattice Pattern, Add	*546.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*763.19*	
		For Staggered Brick Pattern, Add	*906.23*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,124.68	482.74
		For Lexan Lattice Pattern, Add	*711.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,017.59*	
		For Staggered Brick Pattern, Add	*1,212.37*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,566.17	603.43
		For Lexan Lattice Pattern, Add	*876.83*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,271.98*	
		For Staggered Brick Pattern, Add	*1,518.51*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,046.22	724.12
		For Lexan Lattice Pattern, Add	*1,046.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,526.38*	
		For Staggered Brick Pattern, Add	*1,722.16*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,529.33	885.02
		For Lexan Lattice Pattern, Add	*1,351.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,801.91*	
		For Staggered Brick Pattern, Add	*1,967.65*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	105.42	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	3,516.18	674.92
		For Lexan Lattice Pattern, Add	*238.15*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*475.66*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,808.24	866.97
		For Lexan Lattice Pattern, Add	*349.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*668.95*	
		For Staggered Brick Pattern, Add	*761.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,185.10	1,093.18
		For Lexan Lattice Pattern, Add	*459.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.22*	
		For Staggered Brick Pattern, Add	*974.04*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,276.75	1,206.85
		For Lexan Lattice Pattern, Add	*574.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,010.23*	
		For Staggered Brick Pattern, Add	*1,062.32*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	4,181.71	769.51
		For Lexan Lattice Pattern, Add	*297.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*545.14*	
		For Staggered Brick Pattern, Add	*626.58*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,741.08	988.36
		For Lexan Lattice Pattern, Add	*437.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*802.85*	
		For Staggered Brick Pattern, Add	*951.45*	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,318.30	1,245.82
		For Lexan Lattice Pattern, Add	*563.65*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,090.41*	
		For Staggered Brick Pattern, Add	*1,275.45*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	8,729.70	1,375.81
		For Lexan Lattice Pattern, Add	*717.40*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,276.71*	
		For Staggered Brick Pattern, Add	*1,428.79*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	4,857.65	866.97
		For Lexan Lattice Pattern, Add	*357.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*654.14*	
		For Staggered Brick Pattern, Add	*774.72*	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	6,685.95	1,113.52
		For Lexan Lattice Pattern, Add	*523.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*965.85*	
		For Staggered Brick Pattern, Add	*1,181.25*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,583.59	1,403.97
		For Lexan Lattice Pattern, Add	*688.90*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,308.33*	
		For Staggered Brick Pattern, Add	*1,458.58*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	10,168.35	1,548.80
		For Lexan Lattice Pattern, Add	*861.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,516.16*	
		For Staggered Brick Pattern, Add	*1,589.14*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	5,520.07	958.59
		For Lexan Lattice Pattern, Add	*417.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*763.19*	
		For Staggered Brick Pattern, Add	*906.23*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	7,625.22	1,230.99
		For Lexan Lattice Pattern, Add	*611.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,103.85*	
		For Staggered Brick Pattern, Add	*1,312.45*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	9,778.82	1,552.01
		For Lexan Lattice Pattern, Add	*803.72*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,526.38*	
		For Staggered Brick Pattern, Add	*1,722.16*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	11,589.33	1,713.73
		For Lexan Lattice Pattern, Add	*1,004.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,801.91*	
		For Staggered Brick Pattern, Add	*1,967.65*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	15,627.63	674.92
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	16,207.55	674.92
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	16,787.48	674.92

08 34 Special Function Doors *(08 30)*

08 34 13 Cold Storage Doors *(08 34)*

08 34 13 00-0001 Vertical Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	7,280.29	953.74
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*475.94*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	9,338.23	1,210.80
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*605.40*	

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,847.67	761.71
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,590.75	858.93
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	8,521.50	1,131.97
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,101.06	692.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 13 00-0009		**Swinging Horizontal Hinged Cold Storage Doors** *(08 34 13)* Note: Doors to be filled with foamed-in-place polyurethane.		
08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	2,935.83	450.18
08 34 16		**Hangar Doors** *(08 34)*		
08 34 16 00-0001		**Bi-Parting Horizontal Rolling And Sliding Steel Hanger Door** *(08 34 16)* Note: Includes electrical motorized drive system, fail-safe safety edge, LED warning device, push button control device, hot rolled or cold formed structural steel frame with overhead track and ground rails, bottom rollers, and special hardware. The operator power supplied through a drape wire system where the cable is draped from leaf to leaf.		
08 34 16 00-0002	SF	70' To 120' Wide X To 20' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	82.15	19.21
		For Unidirectional Door Type, Add	*8.22*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 16 00-0003	SF	120' To 180' Wide X To 20' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	71.12	19.21
		For Unidirectional Door Type, Add	*7.11*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 16 00-0004	SF	120' To 180' Wide X 20-40' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	71.38	4.12
		For Unidirectional Door Type, Add	*7.14*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 16 00-0005	SF	120' To 180' Wide X 40-60' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	76.43	2.74
		For Unidirectional Door Type, Add	*7.64*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 16 00-0006	SF	120' To 180' Wide X 60-80' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	81.16	2.74
		For Unidirectional Door Type, Add	*8.12*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 16 00-0007	SF	150' To 200' Wide x >80' High, 25' Panels, Sliding Hangar Door Note: Includes motorized opener, structural framed door openings with overhead track and ground rails, and special hardware.	81.99	2.74
		For Unidirectional Door Type, Add	*8.20*	
		For 1/8" Double Strength Glass (DSB) Glazing Panels, Add Per SF of Glazing	*15.99*	
		For 1/8" Plexiglas Glazing Panels, Add Per SF of Glazing	*10.63*	
		For 3/4" Insulated Glazing Panels, Add Per SF of Glazing	*27.51*	
08 34 23		**Sidewalk and Basement Doors** *(08 34)*		
08 34 23 00-0001		**Drainage Doors** *(08 34 23)*		
08 34 23 00-0002		**Single Leaf Aluminum Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - J Series.		
08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,166.33	205.66
08 34 23 00-0004	EA	2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,433.20	214.91
08 34 23 00-0005	EA	3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,500.61	219.52
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,667.04	224.14
08 34 23 00-0007	EA	3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,937.36	235.68
08 34 23 00-0008	EA	2'-6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,973.29	230.26
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,190.36	235.68
08 34 23 00-0010	EA	2'-6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,286.45	241.12
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,509.05	246.54
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,887.34	260.40
08 34 23 00-0013		**Double Leaf Aluminum Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - JD Series.		
08 34 23 00-0014	EA	4' x 2'-6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,341.79	230.26
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,443.05	246.54
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,111.63	274.26
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,194.13	274.26
08 34 23 00-0018		**Single Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - J H2O Series.		
08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,941.83	205.66
08 34 23 00-0020	EA	2'-6" x 2'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,263.70	214.91
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,468.65	219.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,800.08	224.14
08 34 23 00-0023	EA	3'-6" x 3'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,213.40	235.68
08 34 23 00-0024		**Double Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0025	EA	4' x 2'-6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,221.79	230.26
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,313.05	246.54
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	6,103.63	274.26
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,757.13	274.26
08 34 23 00-0029		**Single Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,633.83	205.66
08 34 23 00-0031	EA	2'-6" x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,719.20	214.91
08 34 23 00-0032	EA	3' x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,907.61	219.52
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,129.04	224.14
08 34 23 00-0034	EA	3'-6" x 3'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,470.86	235.68
08 34 23 00-0035	EA	2'-6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,341.79	230.26
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,646.86	235.68
08 34 23 00-0037	EA	2'-6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,643.95	241.12
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,949.05	246.54
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,145.84	260.40
08 34 23 00-0040		**Double Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0041	EA	4' x 2'-6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,869.79	230.26
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,009.55	246.54
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,744.13	274.26
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,854.13	274.26
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,783.33	205.66
08 34 23 00-0047	EA	2'-6" x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,934.70	214.91
08 34 23 00-0048	EA	3' x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,040.65	219.52
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,581.08	224.14
08 34 23 00-0050	EA	3'-6" x 3'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,219.90	235.68
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2'-6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,640.79	230.26
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,171.05	246.54
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,682.13	274.26
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,478.63	274.26
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)*		
		Note: Bilco - J-R Series (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,139.30	205.66
08 34 23 00-0058	EA	2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,775.72	214.91
08 34 23 00-0059	EA	3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,018.92	219.52
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,266.69	224.14
08 34 23 00-0061	EA	3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,856.56	235.68
08 34 23 00-0062		**Non-Drainage Doors** *(08 34 23)*		
08 34 23 00-0063		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,419.43	205.66
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,719.20	214.91
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,841.68	219.52
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,920.08	224.14
08 34 23 00-0068	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,426.86	235.68
08 34 23 00-0069	EA	2'-6" x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,182.33	230.26
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,465.36	235.68
08 34 23 00-0071	EA	2'-6" x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,753.82	241.12
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,910.64	246.54
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,338.65	260.40
08 34 23 00-0074		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,149.93	205.66
08 34 23 00-0076	EA	2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,405.70	214.91
08 34 23 00-0077	EA	3' x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,561.18	219.52
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,656.08	224.14
08 34 23 00-0079	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,926.36	235.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0080		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,809.33	230.26
08 34 23 00-0082		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,663.14	246.54
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,788.25	274.26
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,854.25	274.26
08 34 23 00-0086		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,298.43	205.66
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,515.70	214.91
08 34 23 00-0089	EA	3' x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,616.18	219.52
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,771.58	224.14
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	2,080.36	235.68
08 34 23 00-0092		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	2,850.14	246.54
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	3,980.75	274.26
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	4,041.25	274.26
08 34 23 00-0096		**Single Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,138.93	205.66
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,262.70	214.91
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,429.18	219.52
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,507.58	224.14
08 34 23 00-0101	EA	2'-6" x 4' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,100.58	224.14
08 34 23 00-0102		**Double Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0103	EA	4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,259.29	230.26
08 34 23 00-0104		**Basement Doors** *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal	1,136.43	259.82
08 34 23 00-0106	EA	30" High x 47" Wide x 58" Long, Basement Door	894.28	196.89
08 34 23 00-0107	EA	22" High x 51" Wide x 64" Long, Basement Door	941.28	216.52
08 34 23 00-0108	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door	1,005.37	230.96
08 34 23 00-0109	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door	1,116.99	259.82
08 34 49		**Radiation Shielding Doors and Frames** *(08 34)*		
08 34 49 13		**Neutron Shielding Doors and Frames** *(08 34 49)*		
08 34 49 13-0001		**Lead Lined Doors And Frames** *(08 34 49 13)*		
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	132.78	11.55
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	163.96	11.55
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	145.34	11.55
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	155.73	11.55
08 34 53		**Security Doors and Frames** *(08 34)*		
08 34 53 00-0001		**Metal Security Doors, Bullet Resistant** *(08 34 53)*		
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	80.95	9.43
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,316.78	470.68
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,934.22	499.64
08 34 53 00-0005		**Metal Security Doors** *(08 34 53)*		
		Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	612.37	86.20
		Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	612.37	86.20
		Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	832.37	86.20
		Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		Pivoting Double Folding Gate *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	803.01	220.01
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	902.00	247.50
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	979.01	275.00
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,077.99	302.50
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	885.35	222.75
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	962.58	250.25
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,056.01	277.75
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,139.13	305.25
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	923.83	225.50
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,000.75	253.00
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,055.85	266.76
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,111.24	280.50
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,193.76	308.01
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	995.45	228.25
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,072.04	255.75
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,132.57	269.51
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,205.03	283.26
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,314.48	310.76
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,105.60	233.76
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,198.59	264.01
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,286.52	280.50
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,337.20	288.76
08 34 56 00-0024		Pivoting Single Folding Gate *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	550.03	154.00
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	583.01	159.51
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	616.02	165.01
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	660.03	176.00
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	693.03	187.01
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	582.85	159.51
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	616.09	165.01
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	649.09	170.50
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	693.05	181.50
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	726.30	192.51
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	626.84	165.01
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	660.09	170.50
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	693.00	176.00
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	737.15	187.01
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	781.41	198.00
08 34 56 00-0040		Window Gates, Expands From 2' To 4' *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	221.43	60.50
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	232.42	66.00
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	232.42	66.00
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	243.86	71.50
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	243.86	71.50
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	254.85	77.00
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	254.86	77.00
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	265.85	82.50
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	265.85	82.50
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	276.85	88.01
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	276.85	88.01
08 34 56 00-0052		Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	287.86	93.50
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	289.20	93.50
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	301.98	99.00
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	314.76	104.50
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	316.55	104.50
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	329.33	110.00
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	331.11	110.00
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	343.33	115.51
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	345.66	115.51
08 34 73		**Sound Control Door Assemblies** *(08 34)*		
08 34 73 13		**Metal Sound Control Door Assemblies** *(08 34 73)*		
08 34 73 13-0001		Steel Acoustical Door Assembly *(08 34 73 13)* Note: Includes seal.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 34 73 13-0002 Steel Acoustical Doors *(08 34 73 13-0001)*

Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc. See CSI section 08 71 11 00-2121 for exit devices (panic bar).

08 34 73 13-0003	EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	4,363.53	207.86
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*532.94*	
		For 45 Minutes Fire Rated, Add	*224.40*	
		For 60 Minutes Fire Rated, Add	*336.60*	
		For 90 Minutes Fire Rated, Add	*560.99*	
		For 120 Minutes Fire Rated, Add	*785.39*	
		For 45 STC Rating, Deduct	*-938.73*	
		For 48 STC Rating, Deduct	*-673.19*	
		For 52 STC Rating, Add	*523.59*	
		For 56 STC Rating, Add	*1,421.18*	
08 34 73 13-0004	EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	4,615.42	216.52
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*565.14*	
		For 45 Minutes Fire Rated, Add	*237.95*	
		For 60 Minutes Fire Rated, Add	*356.93*	
		For 90 Minutes Fire Rated, Add	*594.88*	
		For 120 Minutes Fire Rated, Add	*832.83*	
		For 45 STC Rating, Deduct	*-995.43*	
		For 48 STC Rating, Deduct	*-713.85*	
		For 52 STC Rating, Add	*555.22*	
		For 56 STC Rating, Add	*1,507.03*	
08 34 73 13-0005	EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	4,893.29	233.85
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*597.33*	
		For 45 Minutes Fire Rated, Add	*251.51*	
		For 60 Minutes Fire Rated, Add	*377.26*	
		For 90 Minutes Fire Rated, Add	*628.76*	
		For 120 Minutes Fire Rated, Add	*880.27*	
		For 45 STC Rating, Deduct	*-1,052.13*	
		For 48 STC Rating, Deduct	*-754.52*	
		For 52 STC Rating, Add	*586.85*	
		For 56 STC Rating, Add	*1,592.87*	
08 34 73 13-0006	PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors, Unrated	8,664.70	394.93
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,065.89*	
		For 45 Minutes Fire Rated, Add	*448.79*	
		For 60 Minutes Fire Rated, Add	*673.19*	
		For 90 Minutes Fire Rated, Add	*1,121.99*	
		For 120 Minutes Fire Rated, Add	*1,570.78*	
		For 45 STC Rating, Deduct	*-1,877.46*	
		For 48 STC Rating, Deduct	*-1,346.38*	
		For 52 STC Rating, Add	*1,047.19*	
		For 56 STC Rating, Add	*2,842.37*	
08 34 73 13-0007	PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door, Unrated	9,126.90	398.40
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,130.27*	
		For 45 Minutes Fire Rated, Add	*475.90*	
		For 60 Minutes Fire Rated, Add	*713.85*	
		For 90 Minutes Fire Rated, Add	*1,189.76*	
		For 120 Minutes Fire Rated, Add	*1,665.66*	
		For 45 STC Rating, Deduct	*-1,990.86*	
		For 48 STC Rating, Deduct	*-1,427.71*	
		For 52 STC Rating, Add	*1,110.44*	
		For 56 STC Rating, Add	*3,014.05*	
08 34 73 13-0008	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	4,899.61	130.49
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*604.89*	
		For 45 Minutes Fire Rated, Add	*254.69*	
		For 60 Minutes Fire Rated, Add	*382.04*	
		For 90 Minutes Fire Rated, Add	*636.73*	
		For 120 Minutes Fire Rated, Add	*891.42*	
		For 45 STC Rating, Deduct	*-1,065.46*	
		For 48 STC Rating, Deduct	*-764.07*	
		For 52 STC Rating, Add	*594.28*	
		For 56 STC Rating, Add	*1,613.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0009	EA	3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	5,182.56	227.49
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*641.43*	
		For 45 Minutes Fire Rated, Add	*270.08*	
		For 60 Minutes Fire Rated, Add	*405.11*	
		For 90 Minutes Fire Rated, Add	*675.19*	
		For 120 Minutes Fire Rated, Add	*945.26*	
		For 45 STC Rating, Deduct	*-1,129.81*	
		For 48 STC Rating, Deduct	*-810.23*	
		For 52 STC Rating, Add	*630.18*	
		For 56 STC Rating, Add	*1,710.48*	
08 34 73 13-0010	EA	4' x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	5,494.40	245.97
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*677.97*	
		For 45 Minutes Fire Rated, Add	*285.46*	
		For 60 Minutes Fire Rated, Add	*428.19*	
		For 90 Minutes Fire Rated, Add	*713.65*	
		For 120 Minutes Fire Rated, Add	*999.11*	
		For 45 STC Rating, Deduct	*-1,194.17*	
		For 48 STC Rating, Deduct	*-856.38*	
		For 52 STC Rating, Add	*666.07*	
		For 56 STC Rating, Add	*1,807.91*	
08 34 73 13-0011	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors, Unrated	9,228.49	414.56
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,137.83*	
		For 45 Minutes Fire Rated, Add	*479.09*	
		For 60 Minutes Fire Rated, Add	*718.63*	
		For 90 Minutes Fire Rated, Add	*1,197.72*	
		For 120 Minutes Fire Rated, Add	*1,676.81*	
		For 45 STC Rating, Deduct	*-2,004.18*	
		For 48 STC Rating, Deduct	*-1,437.26*	
		For 52 STC Rating, Add	*1,117.87*	
		For 56 STC Rating, Add	*3,034.22*	
08 34 73 13-0012	PR	Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door, Unrated	9,722.34	418.02
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,206.56*	
		For 45 Minutes Fire Rated, Add	*508.03*	
		For 60 Minutes Fire Rated, Add	*762.04*	
		For 90 Minutes Fire Rated, Add	*1,270.07*	
		For 120 Minutes Fire Rated, Add	*1,778.09*	
		For 45 STC Rating, Deduct	*-2,125.24*	
		For 48 STC Rating, Deduct	*-1,524.08*	
		For 52 STC Rating, Add	*1,185.39*	
		For 56 STC Rating, Add	*3,217.50*	

08 34 73 13-0013 Steel Acoustical Door Frames *(08 34 73 13-0001)*

Note: Includes threshold and rating up to STC 55.

08 34 73 13-0014	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,099.75	115.47
		For 8' Height, Add	*303.35*	
		For 45 Minutes Fire Rated, Add	*184.65*	
		For 60 Minutes Fire Rated, Add	*316.54*	
		For 90 Minutes Fire Rated, Add	*448.43*	
		For 120 Minutes Fire Rated, Add	*633.08*	
08 34 73 13-0015	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,174.48	115.47
		For 8' Height, Add	*311.95*	
		For 45 Minutes Fire Rated, Add	*189.88*	
		For 60 Minutes Fire Rated, Add	*325.51*	
		For 90 Minutes Fire Rated, Add	*461.14*	
		For 120 Minutes Fire Rated, Add	*651.02*	
08 34 73 13-0016	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,249.20	115.47
		For 8' Height, Add	*320.54*	
		For 45 Minutes Fire Rated, Add	*195.11*	
		For 60 Minutes Fire Rated, Add	*334.48*	
		For 90 Minutes Fire Rated, Add	*473.84*	
		For 120 Minutes Fire Rated, Add	*668.95*	
08 34 73 13-0017	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,323.92	115.47
		For 8' Height, Add	*329.13*	
		For 45 Minutes Fire Rated, Add	*200.34*	
		For 60 Minutes Fire Rated, Add	*343.44*	
		For 90 Minutes Fire Rated, Add	*486.54*	
		For 120 Minutes Fire Rated, Add	*686.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0018	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,535.19	127.03
		For 8' Height, Add	*348.12*	
		For 45 Minutes Fire Rated, Add	*211.90*	
		For 60 Minutes Fire Rated, Add	*363.25*	
		For 90 Minutes Fire Rated, Add	*514.61*	
		For 120 Minutes Fire Rated, Add	*726.50*	
08 34 73 13-0019	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,618.60	127.03
		For 8' Height, Add	*357.71*	
		For 45 Minutes Fire Rated, Add	*217.74*	
		For 60 Minutes Fire Rated, Add	*373.26*	
		For 90 Minutes Fire Rated, Add	*528.79*	
		For 120 Minutes Fire Rated, Add	*746.52*	
08 34 73 13-0020	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,693.33	127.03
		For 8' Height, Add	*366.30*	
		For 45 Minutes Fire Rated, Add	*222.97*	
		For 60 Minutes Fire Rated, Add	*382.23*	
		For 90 Minutes Fire Rated, Add	*541.49*	
		For 120 Minutes Fire Rated, Add	*764.46*	
08 34 73 13-0021	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,786.00	127.03
		For 8' Height, Add	*376.96*	
		For 45 Minutes Fire Rated, Add	*229.45*	
		For 60 Minutes Fire Rated, Add	*393.35*	
		For 90 Minutes Fire Rated, Add	*557.24*	
		For 120 Minutes Fire Rated, Add	*786.70*	
08 34 73 13-0022	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,966.66	132.80
		For 8' Height, Add	*395.08*	
		For 45 Minutes Fire Rated, Add	*240.48*	
		For 60 Minutes Fire Rated, Add	*412.26*	
		For 90 Minutes Fire Rated, Add	*584.03*	
		For 120 Minutes Fire Rated, Add	*824.51*	
08 34 73 13-0023	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,041.38	132.80
		For 8' Height, Add	*403.67*	
		For 45 Minutes Fire Rated, Add	*245.71*	
		For 60 Minutes Fire Rated, Add	*421.22*	
		For 90 Minutes Fire Rated, Add	*596.73*	
		For 120 Minutes Fire Rated, Add	*842.45*	
08 34 73 13-0024	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,116.10	132.80
		For 8' Height, Add	*412.26*	
		For 45 Minutes Fire Rated, Add	*250.94*	
		For 60 Minutes Fire Rated, Add	*430.19*	
		For 90 Minutes Fire Rated, Add	*609.43*	
		For 120 Minutes Fire Rated, Add	*860.38*	
08 34 73 13-0025	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,199.51	132.80
		For 8' Height, Add	*421.86*	
		For 45 Minutes Fire Rated, Add	*256.78*	
		For 60 Minutes Fire Rated, Add	*440.20*	
		For 90 Minutes Fire Rated, Add	*623.61*	
		For 120 Minutes Fire Rated, Add	*880.40*	
08 34 73 13-0026	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,852.79	150.12
		For 8' Height, Add	*719.02*	
		For 45 Minutes Fire Rated, Add	*437.66*	
		For 60 Minutes Fire Rated, Add	*750.28*	
		For 90 Minutes Fire Rated, Add	*1,062.89*	
		For 120 Minutes Fire Rated, Add	*1,500.55*	
08 34 73 13-0027	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,924.03	150.12
		For 8' Height, Add	*727.21*	
		For 45 Minutes Fire Rated, Add	*442.65*	
		For 60 Minutes Fire Rated, Add	*758.83*	
		For 90 Minutes Fire Rated, Add	*1,075.00*	
		For 120 Minutes Fire Rated, Add	*1,517.65*	
08 34 73 13-0028	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,000.49	150.12
		For 8' Height, Add	*736.00*	
		For 45 Minutes Fire Rated, Add	*448.00*	
		For 60 Minutes Fire Rated, Add	*768.00*	
		For 90 Minutes Fire Rated, Add	*1,088.00*	
		For 120 Minutes Fire Rated, Add	*1,536.00*	
08 34 73 13-0029	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,078.69	150.12
		For 8' Height, Add	*744.99*	
		For 45 Minutes Fire Rated, Add	*453.47*	
		For 60 Minutes Fire Rated, Add	*777.39*	
		For 90 Minutes Fire Rated, Add	*1,101.30*	
		For 120 Minutes Fire Rated, Add	*1,554.77*	
08 34 73 13-0030	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,344.81	155.90
		For 8' Height, Add	*772.94*	
		For 45 Minutes Fire Rated, Add	*470.49*	
		For 60 Minutes Fire Rated, Add	*806.55*	
		For 90 Minutes Fire Rated, Add	*1,142.61*	
		For 120 Minutes Fire Rated, Add	*1,613.10*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion		7,421.40	155.90
		For 8' Height, Add		*781.75*	
		For 45 Minutes Fire Rated, Add		*475.85*	
		For 60 Minutes Fire Rated, Add		*815.74*	
		For 90 Minutes Fire Rated, Add		*1,155.63*	
		For 120 Minutes Fire Rated, Add		*1,631.48*	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion		7,503.59	155.90
		For 8' Height, Add		*791.20*	
		For 45 Minutes Fire Rated, Add		*481.60*	
		For 60 Minutes Fire Rated, Add		*825.60*	
		For 90 Minutes Fire Rated, Add		*1,169.60*	
		For 120 Minutes Fire Rated, Add		*1,651.20*	
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion		7,587.66	155.90
		For 8' Height, Add		*800.87*	
		For 45 Minutes Fire Rated, Add		*487.49*	
		For 60 Minutes Fire Rated, Add		*835.69*	
		For 90 Minutes Fire Rated, Add		*1,183.89*	
		For 120 Minutes Fire Rated, Add		*1,671.38*	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,392.85	115.47
		For 8' Height, Add		*337.06*	
		For 45 Minutes Fire Rated, Add		*205.17*	
		For 60 Minutes Fire Rated, Add		*351.71*	
		For 90 Minutes Fire Rated, Add		*498.26*	
		For 120 Minutes Fire Rated, Add		*703.43*	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,475.87	115.47
		For 8' Height, Add		*346.61*	
		For 45 Minutes Fire Rated, Add		*210.98*	
		For 60 Minutes Fire Rated, Add		*361.68*	
		For 90 Minutes Fire Rated, Add		*512.37*	
		For 120 Minutes Fire Rated, Add		*723.35*	
08 34 73 13-0036	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,558.90	115.47
		For 8' Height, Add		*356.16*	
		For 45 Minutes Fire Rated, Add		*216.79*	
		For 60 Minutes Fire Rated, Add		*371.64*	
		For 90 Minutes Fire Rated, Add		*526.49*	
		For 120 Minutes Fire Rated, Add		*743.28*	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,641.92	115.47
		For 8' Height, Add		*365.70*	
		For 45 Minutes Fire Rated, Add		*222.60*	
		For 60 Minutes Fire Rated, Add		*381.60*	
		For 90 Minutes Fire Rated, Add		*540.60*	
		For 120 Minutes Fire Rated, Add		*763.20*	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,871.54	127.03
		For 8' Height, Add		*386.80*	
		For 45 Minutes Fire Rated, Add		*235.44*	
		For 60 Minutes Fire Rated, Add		*403.61*	
		For 90 Minutes Fire Rated, Add		*571.79*	
		For 120 Minutes Fire Rated, Add		*807.23*	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		3,964.22	127.03
		For 8' Height, Add		*397.45*	
		For 45 Minutes Fire Rated, Add		*241.93*	
		For 60 Minutes Fire Rated, Add		*414.74*	
		For 90 Minutes Fire Rated, Add		*587.54*	
		For 120 Minutes Fire Rated, Add		*829.47*	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		4,047.24	127.03
		For 8' Height, Add		*407.00*	
		For 45 Minutes Fire Rated, Add		*247.74*	
		For 60 Minutes Fire Rated, Add		*424.70*	
		For 90 Minutes Fire Rated, Add		*601.66*	
		For 120 Minutes Fire Rated, Add		*849.40*	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		4,150.22	127.03
		For 8' Height, Add		*418.84*	
		For 45 Minutes Fire Rated, Add		*254.95*	
		For 60 Minutes Fire Rated, Add		*437.06*	
		For 90 Minutes Fire Rated, Add		*619.16*	
		For 120 Minutes Fire Rated, Add		*874.11*	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		4,348.38	132.80
		For 8' Height, Add		*438.98*	
		For 45 Minutes Fire Rated, Add		*267.20*	
		For 60 Minutes Fire Rated, Add		*458.06*	
		For 90 Minutes Fire Rated, Add		*648.92*	
		For 120 Minutes Fire Rated, Add		*916.13*	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		4,431.40	132.80
		For 8' Height, Add		*448.52*	
		For 45 Minutes Fire Rated, Add		*273.01*	
		For 60 Minutes Fire Rated, Add		*468.03*	
		For 90 Minutes Fire Rated, Add		*663.04*	
		For 120 Minutes Fire Rated, Add		*936.05*	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame		4,514.42	132.80
		For 8' Height, Add		*458.07*	
		For 45 Minutes Fire Rated, Add		*278.83*	
		For 60 Minutes Fire Rated, Add		*477.99*	
		For 90 Minutes Fire Rated, Add		*677.15*	
		For 120 Minutes Fire Rated, Add		*955.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0045	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,607.10	132.80
		For 8' Height, Add	*468.73*	
		For 45 Minutes Fire Rated, Add	*285.31*	
		For 60 Minutes Fire Rated, Add	*489.11*	
		For 90 Minutes Fire Rated, Add	*692.90*	
		For 120 Minutes Fire Rated, Add	*978.22*	
08 34 73 13-0046	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,547.49	150.12
		For 8' Height, Add	*798.91*	
		For 45 Minutes Fire Rated, Add	*486.29*	
		For 60 Minutes Fire Rated, Add	*833.64*	
		For 90 Minutes Fire Rated, Add	*1,180.99*	
		For 120 Minutes Fire Rated, Add	*1,667.28*	
08 34 73 13-0047	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,626.65	150.12
		For 8' Height, Add	*808.01*	
		For 45 Minutes Fire Rated, Add	*491.83*	
		For 60 Minutes Fire Rated, Add	*843.14*	
		For 90 Minutes Fire Rated, Add	*1,194.45*	
		For 120 Minutes Fire Rated, Add	*1,686.28*	
08 34 73 13-0048	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,711.61	150.12
		For 8' Height, Add	*817.78*	
		For 45 Minutes Fire Rated, Add	*497.78*	
		For 60 Minutes Fire Rated, Add	*853.34*	
		For 90 Minutes Fire Rated, Add	*1,208.89*	
		For 120 Minutes Fire Rated, Add	*1,706.67*	
08 34 73 13-0049	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,798.49	150.12
		For 8' Height, Add	*827.77*	
		For 45 Minutes Fire Rated, Add	*503.86*	
		For 60 Minutes Fire Rated, Add	*863.76*	
		For 90 Minutes Fire Rated, Add	*1,223.66*	
		For 120 Minutes Fire Rated, Add	*1,727.52*	
08 34 73 13-0050	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,091.61	155.90
		For 8' Height, Add	*858.82*	
		For 45 Minutes Fire Rated, Add	*522.76*	
		For 60 Minutes Fire Rated, Add	*896.16*	
		For 90 Minutes Fire Rated, Add	*1,269.57*	
		For 120 Minutes Fire Rated, Add	*1,792.33*	
08 34 73 13-0051	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,176.71	155.90
		For 8' Height, Add	*868.61*	
		For 45 Minutes Fire Rated, Add	*528.72*	
		For 60 Minutes Fire Rated, Add	*906.38*	
		For 90 Minutes Fire Rated, Add	*1,284.03*	
		For 120 Minutes Fire Rated, Add	*1,812.75*	
08 34 73 13-0052	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,268.04	155.90
		For 8' Height, Add	*879.11*	
		For 45 Minutes Fire Rated, Add	*535.11*	
		For 60 Minutes Fire Rated, Add	*917.34*	
		For 90 Minutes Fire Rated, Add	*1,299.56*	
		For 120 Minutes Fire Rated, Add	*1,834.67*	
08 34 73 13-0053	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,361.44	155.90
		For 8' Height, Add	*889.85*	
		For 45 Minutes Fire Rated, Add	*541.65*	
		For 60 Minutes Fire Rated, Add	*928.54*	
		For 90 Minutes Fire Rated, Add	*1,315.44*	
		For 120 Minutes Fire Rated, Add	*1,857.09*	

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Wood Acoustical Door Assembly *(08 34 73 16)*

Note: Includes prefinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	2,588.07	323.34
		For 8' Height, Add	*159.19*	
		For 2-1/4" Thick, Add	*151.43*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	2,788.91	323.34
		For 8' Height, Add	*175.66*	
		For 2-1/4" Thick, Add	*167.09*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0004	EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated	2,900.49	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*184.81*	
		For 2-1/4" Thick, Add	*175.80*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated	3,012.06	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*193.96*	
		For 2-1/4" Thick, Add	*184.50*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	3,502.99	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*234.22*	
		For 2-1/4" Thick, Add	*222.79*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	4,574.11	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*322.05*	
		For 2-1/4" Thick, Add	*306.34*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	4,781.64	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*339.07*	
		For 2-1/4" Thick, Add	*322.53*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated	5,310.44	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*382.43*	
		For 2-1/4" Thick, Add	*363.77*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	5,611.76	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*407.14*	
		For 2-1/4" Thick, Add	*387.28*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0011	EA	3' x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated	5,921.38	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*432.53*	
		For 2-1/4" Thick, Add	*411.43*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0012	EA	3' x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated	6,231.00	323.34
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*457.92*	
		For 2-1/4" Thick, Add	*435.58*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0013	EA	3' x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated	7,267.96	323.34
		For 8' Height, Add	*542.95*	
		For 2-1/4" Thick, Add	*516.46*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0014	EA	3' x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	7,723.81	323.34
		For 8' Height, Add	*580.33*	
		For 2-1/4" Thick, Add	*552.02*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0015	EA	3' x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated	8,062.50	323.34
		For 8' Height, Add	*608.10*	
		For 2-1/4" Thick, Add	*578.43*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0016	EA	3'-6" x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated	2,756.78	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*171.13*	
		For 2-1/4" Thick, Add	*162.79*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0017	EA	3'-6" x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated	2,972.68	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*188.84*	
		For 2-1/4" Thick, Add	*179.63*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0018	EA	3'-6" x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated	3,092.62	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*198.67*	
		For 2-1/4" Thick, Add	*188.98*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0019	EA	3'-6" x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated	3,212.56	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*208.51*	
		For 2-1/4" Thick, Add	*198.34*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0020	EA	3'-6" x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	3,740.31	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*251.78*	
		For 2-1/4" Thick, Add	*239.50*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0021	EA	3'-6" x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	4,891.77	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*346.20*	
		For 2-1/4" Thick, Add	*329.32*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0022	EA	3'-6" x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	5,114.86	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*364.50*	
		For 2-1/4" Thick, Add	*346.72*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0023	EA	3'-6" x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated	5,683.33	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*411.11*	
		For 2-1/4" Thick, Add	*391.06*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0024	EA	3'-6" x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	6,007.24	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*437.67*	
		For 2-1/4" Thick, Add	*416.32*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0025	EA	3'-6" x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated	6,340.08	334.88
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 8' Height, Add	*464.97*	
		For 2-1/4" Thick, Add	*442.28*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0026	EA	3'-6" x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	6,672.92	334.88
		For 8' Height, Add	*492.26*	
		For 2-1/4" Thick, Add	*468.25*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0027	EA	3'-6" x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	7,787.65	334.88
		For 8' Height, Add	*583.67*	
		For 2-1/4" Thick, Add	*555.19*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0028	EA	3'-6" x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	8,277.70	334.88
		For 8' Height, Add	*623.85*	
		For 2-1/4" Thick, Add	*593.42*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0029	EA	3'-6" x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	8,641.79	334.88
		For 8' Height, Add	*653.71*	
		For 2-1/4" Thick, Add	*621.82*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0030	EA	4' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System, Unrated	3,119.62	346.43
		For 8' Height, Add	*198.99*	
		For 2-1/4" Thick, Add	*189.29*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0031	EA	4' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System, Unrated	3,370.66	346.43
		For 8' Height, Add	*219.58*	
		For 2-1/4" Thick, Add	*208.87*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0032	EA	4' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System, Unrated	3,510.13	346.43
		For 8' Height, Add	*231.02*	
		For 2-1/4" Thick, Add	*219.75*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0033	EA	4' x 7' x 1-3/4" Thick, STC 31-32, Wood Acoustical Door System, Unrated	3,649.60	346.43
		For 8' Height, Add	*242.45*	
		For 2-1/4" Thick, Add	*230.63*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0034	EA	4' x 7' x 1-3/4" Thick, STC 35-36, Wood Acoustical Door System, Unrated	4,263.26	346.43
		For 8' Height, Add	*292.77*	
		For 2-1/4" Thick, Add	*278.49*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0035	EA	4' x 7' x 1-3/4" Thick, STC 40-41, Wood Acoustical Door System, Unrated	5,602.16	346.43
		For 8' Height, Add	*402.56*	
		For 2-1/4" Thick, Add	*382.93*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0036	EA	4' x 7' x 1-3/4" Thick, STC 42-43, Wood Acoustical Door System, Unrated	5,861.57	346.43
		For 8' Height, Add	*423.83*	
		For 2-1/4" Thick, Add	*403.16*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0037	EA	4' x 7' x 1-3/4" Thick, STC 44-45, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	6,522.58	346.43
		For 8' Height, Add	*478.04*	
		For 2-1/4" Thick, Add	*454.72*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0038	EA	4' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System, Unrated	6,899.22	346.43
		For 8' Height, Add	*508.92*	
		For 2-1/4" Thick, Add	*484.10*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0039	EA	4' x 7' x 1-3/4" Thick, STC 47-48, Wood Acoustical Door System, Unrated Note: Includes the prefinished door, frame, hinges and seals.	7,286.24	346.43
		For 8' Height, Add	*540.66*	
		For 2-1/4" Thick, Add	*514.28*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0040	EA	4' x 7' x 1-3/4" Thick, STC 49-50, Wood Acoustical Door System, Unrated	7,673.27	346.43
		For 8' Height, Add	*572.39*	
		For 2-1/4" Thick, Add	*544.47*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0041	EA	4' x 7' x 1-3/4" Thick, STC 51-52, Wood Acoustical Door System, Unrated	8,969.47	346.43
		For 8' Height, Add	*678.68*	
		For 2-1/4" Thick, Add	*645.58*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0042	EA	4' x 7' x 1-3/4" Thick, STC 54-55, Wood Acoustical Door System, Unrated	9,539.29	346.43
		For 8' Height, Add	*725.41*	
		For 2-1/4" Thick, Add	*690.02*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0043	EA	4' x 7' x 1-3/4" Thick, STC 56, Wood Acoustical Door System, Unrated	9,962.65	346.43
		For 8' Height, Add	*760.12*	
		For 2-1/4" Thick, Add	*723.04*	
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

08 35 Folding Doors and Grilles *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	98.14	11.55
		For Fire Retardant, Add	*21.94*	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	19.51	11.55
		For Fire Retardant, Add	*2.28*	
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	44.13	11.55
		For Fire Retardant, Add	*8.43*	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High-Density Engineered Wood Core Panel, Accordion Folding Door	62.71	11.55
		For Fire Retardant, Add	*13.08*	

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1079 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,863.98	461.90
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,549.33	512.72
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,520.84	614.34
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,480.96	711.33
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,997.06	923.82
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,718.80	1,154.77
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	12,153.09	1,539.31

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,476.97	230.96
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*461.09*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,309.50	230.96
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*495.42*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,950.88	404.17
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*165.67*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*285.64*	
		For Aluminum, Mill Finish, Add	*130.25*	
		For Aluminum, Anodized Finish, Add	*364.47*	
08 36 13 00-0017	EA	8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,303.13	461.90
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*200.00*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.83*	
		For Aluminum, Mill Finish, Add	*157.24*	
		For Aluminum, Anodized Finish, Add	*440.00*	
08 36 13 00-0018	EA	8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,841.17	577.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*244.53*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*421.60*	
		For Aluminum, Mill Finish, Add	*192.25*	
		For Aluminum, Anodized Finish, Add	*537.96*	
08 36 13 00-0019	EA	10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,197.68	461.90
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*184.71*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*318.47*	
		For Aluminum, Mill Finish, Add	*145.22*	
		For Aluminum, Anodized Finish, Add	*406.36*	
08 36 13 00-0020	EA	10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,706.12	577.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*224.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*387.84*	
		For Aluminum, Mill Finish, Add	*176.85*	
		For Aluminum, Anodized Finish, Add	*494.88*	
08 36 13 00-0021	EA	10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,398.49	750.60
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*275.11*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*474.32*	
		For Aluminum, Mill Finish, Add	*216.29*	
		For Aluminum, Anodized Finish, Add	*605.24*	
08 36 13 00-0022	EA	10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,007.63	923.82
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*313.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*540.00*	
		For Aluminum, Mill Finish, Add	*246.24*	
		For Aluminum, Anodized Finish, Add	*689.04*	
08 36 13 00-0023	EA	12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,617.35	577.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*212.07*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*365.65*	
		For Aluminum, Mill Finish, Add	*166.73*	
		For Aluminum, Anodized Finish, Add	*466.56*	
08 36 13 00-0024	EA	12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,265.31	750.60
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*255.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*441.03*	
		For Aluminum, Mill Finish, Add	*201.11*	
		For Aluminum, Anodized Finish, Add	*562.75*	
08 36 13 00-0025	EA	12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,983.56	923.82
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*309.71*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*533.98*	
		For Aluminum, Mill Finish, Add	*243.50*	
		For Aluminum, Anodized Finish, Add	*681.36*	
08 36 13 00-0026	EA	12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,698.14	1,097.04
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*363.09*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*626.02*	
		For Aluminum, Mill Finish, Add	*285.47*	
		For Aluminum, Anodized Finish, Add	*798.80*	
08 36 13 00-0027	EA	12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,602.18	1,327.98
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*427.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*736.56*	
		For Aluminum, Mill Finish, Add	*335.87*	
		For Aluminum, Anodized Finish, Add	*939.84*	
08 36 13 00-0028	EA	14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,089.57	750.60
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*230.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*397.09*	
		For Aluminum, Mill Finish, Add	*181.07*	
		For Aluminum, Anodized Finish, Add	*506.69*	
08 36 13 00-0029	EA	14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,800.43	923.82
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*283.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*488.20*	
		For Aluminum, Mill Finish, Add	*222.62*	
		For Aluminum, Anodized Finish, Add	*622.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0030	EA	14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,685.96	1,154.77
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*594.11*	
		For Aluminum, Mill Finish, Add	*270.91*	
		For Aluminum, Anodized Finish, Add	*758.08*	
08 36 13 00-0031	EA	14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,404.24	1,327.98
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*398.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*687.07*	
		For Aluminum, Mill Finish, Add	*313.30*	
		For Aluminum, Anodized Finish, Add	*876.70*	
08 36 13 00-0032	EA	14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,220.54	1,501.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*466.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*804.54*	
		For Aluminum, Mill Finish, Add	*366.87*	
		For Aluminum, Anodized Finish, Add	*1,026.59*	
08 36 13 00-0033	EA	16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,735.67	923.82
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*273.77*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*472.01*	
		For Aluminum, Mill Finish, Add	*215.24*	
		For Aluminum, Anodized Finish, Add	*602.28*	
08 36 13 00-0034	EA	16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,617.50	1,154.77
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*334.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*576.99*	
		For Aluminum, Mill Finish, Add	*263.11*	
		For Aluminum, Anodized Finish, Add	*736.24*	
08 36 13 00-0035	EA	16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,439.36	1,327.98
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*403.59*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*695.85*	
		For Aluminum, Mill Finish, Add	*317.31*	
		For Aluminum, Anodized Finish, Add	*887.90*	
08 36 13 00-0036	EA	16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,498.03	1,501.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*506.87*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*873.91*	
		For Aluminum, Mill Finish, Add	*398.50*	
		For Aluminum, Anodized Finish, Add	*1,115.11*	
08 36 13 00-0037	EA	16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,572.29	1,732.16
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*595.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,026.99*	
		For Aluminum, Mill Finish, Add	*468.31*	
		For Aluminum, Anodized Finish, Add	*1,310.44*	
08 36 13 00-0038	EA	18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,759.97	1,154.77
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*355.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*612.61*	
		For Aluminum, Mill Finish, Add	*279.35*	
		For Aluminum, Anodized Finish, Add	*781.69*	
08 36 13 00-0039	EA	18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,694.68	1,327.98
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*440.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*759.68*	
		For Aluminum, Mill Finish, Add	*346.41*	
		For Aluminum, Anodized Finish, Add	*969.35*	
08 36 13 00-0040	EA	18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,905.01	1,501.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*565.88*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*975.66*	
		For Aluminum, Mill Finish, Add	*444.90*	
		For Aluminum, Anodized Finish, Add	*1,244.94*	
08 36 13 00-0041	EA	18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,981.13	1,732.16
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*654.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,129.20*	
		For Aluminum, Mill Finish, Add	*514.92*	
		For Aluminum, Anodized Finish, Add	*1,440.86*	
08 36 13 00-0042	EA	18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,171.93	1,963.11
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*760.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,311.42*	
		For Aluminum, Mill Finish, Add	*598.01*	
		For Aluminum, Anodized Finish, Add	*1,673.38*	
08 36 13 00-0043	EA	20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,404.24	1,327.98
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*398.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*687.07*	
		For Aluminum, Mill Finish, Add	*313.30*	
		For Aluminum, Anodized Finish, Add	*876.70*	
08 36 13 00-0044	EA	20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,338.94	1,501.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*483.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*834.14*	
		For Aluminum, Mill Finish, Add	*380.37*	
		For Aluminum, Anodized Finish, Add	*1,064.36*	
08 36 13 00-0045	EA	20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,838.69	1,732.16
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*634.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,093.59*	
		For Aluminum, Mill Finish, Add	*498.68*	
		For Aluminum, Anodized Finish, Add	*1,395.42*	
08 36 13 00-0046	EA	20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,914.78	1,963.11
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*723.34*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,247.14*	
		For Aluminum, Mill Finish, Add	*568.69*	
		For Aluminum, Anodized Finish, Add	*1,591.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0047	EA	20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,037.93	2,194.06
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*964.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,662.45*	
		For Aluminum, Mill Finish, Add	*758.07*	
		For Aluminum, Anodized Finish, Add	*2,121.28*	
08 36 13 00-0048	EA	22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,013.34	1,501.20
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*436.59*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*752.74*	
		For Aluminum, Mill Finish, Add	*343.25*	
		For Aluminum, Anodized Finish, Add	*960.49*	
08 36 13 00-0049	EA	22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,440.97	1,732.16
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*576.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*994.16*	
		For Aluminum, Mill Finish, Add	*453.34*	
		For Aluminum, Anodized Finish, Add	*1,268.55*	
08 36 13 00-0050	EA	22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,831.54	1,963.11
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*711.27*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,226.33*	
		For Aluminum, Mill Finish, Add	*559.20*	
		For Aluminum, Anodized Finish, Add	*1,564.79*	
08 36 13 00-0051	EA	22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,440.40	2,194.06
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*877.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,513.06*	
		For Aluminum, Mill Finish, Add	*689.96*	
		For Aluminum, Anodized Finish, Add	*1,930.67*	
08 36 13 00-0052	EA	22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,780.99	2,425.02
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,004.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,732.74*	
		For Aluminum, Mill Finish, Add	*790.13*	
		For Aluminum, Anodized Finish, Add	*2,210.98*	
08 36 13 00-0053	EA	24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,654.74	1,732.16
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*462.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*797.60*	
		For Aluminum, Mill Finish, Add	*363.71*	
		For Aluminum, Anodized Finish, Add	*1,017.74*	
08 36 13 00-0054	EA	24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,139.65	1,963.11
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*610.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,053.35*	
		For Aluminum, Mill Finish, Add	*480.33*	
		For Aluminum, Anodized Finish, Add	*1,344.08*	
08 36 13 00-0055	EA	24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,944.62	2,194.06
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*805.69*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,389.12*	
		For Aluminum, Mill Finish, Add	*633.44*	
		For Aluminum, Anodized Finish, Add	*1,772.51*	
08 36 13 00-0056	EA	24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,122.42	2,425.02
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*909.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,568.10*	
		For Aluminum, Mill Finish, Add	*715.05*	
		For Aluminum, Anodized Finish, Add	*2,000.90*	
08 36 13 00-0057	EA	24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,496.34	2,655.97
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,041.74*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,796.11*	
		For Aluminum, Mill Finish, Add	*819.02*	
		For Aluminum, Anodized Finish, Add	*2,291.83*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,495.28	404.17
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*210.87*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*421.74*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,096.51*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,108.68*	
		For Aluminum, Mill Finish, Add	*192.31*	
		For Aluminum, Anodized Finish, Add	*538.13*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,978.85	461.90
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*256.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*513.76*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,335.77*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,568.79*	
		For Aluminum, Mill Finish, Add	*234.27*	
		For Aluminum, Anodized Finish, Add	*655.55*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,656.36	577.39
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*312.70*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*625.40*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,626.03*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,126.99*	
		For Aluminum, Mill Finish, Add	*285.18*	
		For Aluminum, Anodized Finish, Add	*798.01*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,903.81	461.90
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*247.50*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*495.00*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,286.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,474.99*	
		For Aluminum, Mill Finish, Add	*225.72*	
		For Aluminum, Anodized Finish, Add	*631.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,563.92	577.39
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*301.14*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*602.29*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,565.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,011.44*	
		For Aluminum, Mill Finish, Add	*274.64*	
		For Aluminum, Anodized Finish, Add	*768.52*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,526.12	750.60
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*378.12*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*756.23*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,966.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,781.15*	
		For Aluminum, Mill Finish, Add	*344.84*	
		For Aluminum, Anodized Finish, Add	*964.95*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,238.90	923.82
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*423.91*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*847.82*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,204.33*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,239.09*	
		For Aluminum, Mill Finish, Add	*386.60*	
		For Aluminum, Anodized Finish, Add	*1,081.82*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,422.62	577.39
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*283.48*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*566.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,474.10*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,834.81*	
		For Aluminum, Mill Finish, Add	*258.53*	
		For Aluminum, Anodized Finish, Add	*723.44*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,259.24	750.60
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*689.51*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,792.73*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,447.55*	
		For Aluminum, Mill Finish, Add	*314.42*	
		For Aluminum, Anodized Finish, Add	*879.81*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,191.81	923.82
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*418.02*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*836.05*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,173.72*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,180.23*	
		For Aluminum, Mill Finish, Add	*381.24*	
		For Aluminum, Anodized Finish, Add	*1,066.79*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,066.81	1,097.04
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*484.09*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*968.19*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,517.29*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,840.94*	
		For Aluminum, Mill Finish, Add	*441.49*	
		For Aluminum, Anodized Finish, Add	*1,235.41*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,366.05	1,327.98
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*588.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,177.52*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,061.56*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,887.61*	
		For Aluminum, Mill Finish, Add	*536.95*	
		For Aluminum, Anodized Finish, Add	*1,502.52*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,051.65	750.60
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*318.81*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*637.61*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,657.79*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,188.06*	
		For Aluminum, Mill Finish, Add	*290.75*	
		For Aluminum, Anodized Finish, Add	*813.59*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,026.08	923.82
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*397.31*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*794.61*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,065.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,973.06*	
		For Aluminum, Mill Finish, Add	*362.34*	
		For Aluminum, Anodized Finish, Add	*1,013.93*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,107.27	1,154.77
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*474.72*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*949.44*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,468.53*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,747.18*	
		For Aluminum, Mill Finish, Add	*432.94*	
		For Aluminum, Anodized Finish, Add	*1,211.48*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,205.55	1,327.98
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*568.70*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,137.40*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,957.23*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,686.99*	
		For Aluminum, Mill Finish, Add	*518.65*	
		For Aluminum, Anodized Finish, Add	*1,451.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,275.93	1,501.20
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*659.19*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,318.39*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,427.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,591.93*	
		For Aluminum, Mill Finish, Add	*601.18*	
		For Aluminum, Anodized Finish, Add	*1,682.26*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,846.41	923.82
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*374.85*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*749.70*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,949.21*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,748.48*	
		For Aluminum, Mill Finish, Add	*341.86*	
		For Aluminum, Anodized Finish, Add	*956.61*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,246.83	1,154.77
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*492.16*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*984.33*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,559.25*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,921.63*	
		For Aluminum, Mill Finish, Add	*448.85*	
		For Aluminum, Anodized Finish, Add	*1,256.00*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,299.76	1,327.98
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*580.48*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,160.95*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,018.47*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,804.75*	
		For Aluminum, Mill Finish, Add	*529.39*	
		For Aluminum, Anodized Finish, Add	*1,481.37*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,359.65	1,501.20
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*669.66*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,339.32*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,482.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,696.58*	
		For Aluminum, Mill Finish, Add	*610.73*	
		For Aluminum, Anodized Finish, Add	*1,708.97*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,896.18	1,732.16
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*803.98*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,607.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,180.70*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,039.81*	
		For Aluminum, Mill Finish, Add	*733.23*	
		For Aluminum, Anodized Finish, Add	*2,051.76*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,569.96	1,154.77
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*407.55*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*815.11*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,119.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,075.54*	
		For Aluminum, Mill Finish, Add	*371.69*	
		For Aluminum, Anodized Finish, Add	*1,040.08*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,928.18	1,327.98
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*534.03*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,068.06*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,776.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,340.28*	
		For Aluminum, Mill Finish, Add	*487.03*	
		For Aluminum, Anodized Finish, Add	*1,362.84*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,052.62	1,501.20
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*631.28*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,262.56*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,282.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,312.79*	
		For Aluminum, Mill Finish, Add	*575.73*	
		For Aluminum, Anodized Finish, Add	*1,611.02*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,074.12	1,732.16
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*826.22*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,652.45*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,296.36*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,262.24*	
		For Aluminum, Mill Finish, Add	*753.52*	
		For Aluminum, Anodized Finish, Add	*2,108.52*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,022.73	1,963.11
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*887.06*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,774.12*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,612.72*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,870.61*	
		For Aluminum, Mill Finish, Add	*809.00*	
		For Aluminum, Anodized Finish, Add	*2,263.78*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,895.03	1,327.98
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*529.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,059.77*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,755.40*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,298.84*	
		For Aluminum, Mill Finish, Add	*483.25*	
		For Aluminum, Anodized Finish, Add	*1,352.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,129.40	1,501.20
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*640.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,281.75*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,332.56*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,408.76*	
		For Aluminum, Mill Finish, Add	*584.48*	
		For Aluminum, Anodized Finish, Add	*1,635.52*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,431.72	1,732.16
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*870.92*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,741.85*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,528.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,709.24*	
		For Aluminum, Mill Finish, Add	*794.28*	
		For Aluminum, Anodized Finish, Add	*2,222.60*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,341.96	1,963.11
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*926.97*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,853.93*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,820.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,269.65*	
		For Aluminum, Mill Finish, Add	*845.39*	
		For Aluminum, Anodized Finish, Add	*2,365.61*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,194.21	2,194.06
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,100.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,201.52*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,723.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,007.58*	
		For Aluminum, Mill Finish, Add	*1,003.89*	
		For Aluminum, Anodized Finish, Add	*2,809.13*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,555.46	1,501.20
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*569.13*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,138.27*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,959.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,691.34*	
		For Aluminum, Mill Finish, Add	*519.05*	
		For Aluminum, Anodized Finish, Add	*1,452.43*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,367.62	1,732.16
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*737.91*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,475.82*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,837.14*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,379.11*	
		For Aluminum, Mill Finish, Add	*672.98*	
		For Aluminum, Anodized Finish, Add	*1,883.15*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,150.09	1,963.11
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*902.98*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,805.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,695.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,029.81*	
		For Aluminum, Mill Finish, Add	*823.52*	
		For Aluminum, Anodized Finish, Add	*2,304.41*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,533.06	2,194.06
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,018.11*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,036.23*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,294.19*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*10,181.14*	
		For Aluminum, Mill Finish, Add	*928.52*	
		For Aluminum, Anodized Finish, Add	*2,598.23*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	14,315.48	2,425.02
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,183.18*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,366.37*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,152.55*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,831.83*	
		For Aluminum, Mill Finish, Add	*1,079.06*	
		For Aluminum, Anodized Finish, Add	*3,019.48*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,402.93	1,732.16
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*617.33*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,234.65*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,210.09*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,173.25*	
		For Aluminum, Mill Finish, Add	*563.00*	
		For Aluminum, Anodized Finish, Add	*1,575.41*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,408.70	1,963.11
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*810.31*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,620.62*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,213.60*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,103.08*	
		For Aluminum, Mill Finish, Add	*739.00*	
		For Aluminum, Anodized Finish, Add	*2,067.90*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,091.73	2,194.06
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*962.95*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,925.90*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,007.33*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,629.48*	
		For Aluminum, Mill Finish, Add	*878.21*	
		For Aluminum, Anodized Finish, Add	*2,457.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,877.64	2,425.02
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,128.45*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,256.91*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,867.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,284.53*	
		For Aluminum, Mill Finish, Add	*1,029.15*	
		For Aluminum, Anodized Finish, Add	*2,879.81*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	15,633.92	2,655.97
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,290.25*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,580.50*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,709.30*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*12,902.50*	
		For Aluminum, Mill Finish, Add	*1,176.71*	
		For Aluminum, Anodized Finish, Add	*3,292.72*	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,173.31	230.96
		For Aluminum And Fiberglass, Add	*184.74*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*315.84*	
08 36 13 00-0103	EA	9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,280.25	230.96
		For Aluminum And Fiberglass, Add	*217.89*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*372.52*	
08 36 13 00-0104	EA	16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,644.61	264.21
		For Aluminum And Fiberglass, Add	*305.51*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*522.32*	
08 36 13 00-0105	EA	16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,812.66	264.21
		For Aluminum And Fiberglass, Add	*357.60*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*611.38*	

08 36 13 00-0106 Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	16.45	

08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0109 Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,081.96	404.17
08 36 13 00-0112	EA	8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,459.18	461.90
08 36 13 00-0113	EA	8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,931.01	577.39
08 36 13 00-0114	EA	10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,434.04	461.90
08 36 13 00-0115	EA	10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,882.48	519.65
08 36 13 00-0116	EA	10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,644.92	721.73
08 36 13 00-0117	EA	10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,410.85	923.82
08 36 13 00-0118	EA	12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,895.40	577.39
08 36 13 00-0119	EA	12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,630.25	721.73
08 36 13 00-0120	EA	12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,356.37	866.08
08 36 13 00-0121	EA	12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,369.77	1,154.77
08 36 13 00-0122	EA	12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,272.76	1,385.72
08 36 13 00-0123	EA	14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,587.46	808.34
08 36 13 00-0124	EA	14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,322.88	923.82
08 36 13 00-0125	EA	14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,294.36	1,154.77
08 36 13 00-0126	EA	14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,264.39	1,385.72
08 36 13 00-0127	EA	14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,005.87	1,501.20
08 36 13 00-0128	EA	16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,077.81	923.82
08 36 13 00-0129	EA	16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,862.17	1,039.29
08 36 13 00-0130	EA	16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,890.61	1,270.25
08 36 13 00-0131	EA	16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,907.43	1,501.20
08 36 13 00-0132	EA	16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,694.38	1,616.68

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,502.22	404.17
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,965.84	461.90
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,517.17	577.39
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,932.41	461.90
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,490.75	519.65
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,371.39	721.73
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,256.91	923.82
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,469.81	577.39
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,351.89	721.73
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,222.47	866.08
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,379.65	1,154.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	7,428.49	1,385.72
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,237.90	808.34
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,139.91	923.82
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,279.36	1,154.77
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	7,417.35	1,385.72
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,327.49	1,501.20
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,813.96	923.82
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,780.81	1,039.29
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,995.88	1,270.25
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,196.56	1,501.20
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,166.69	1,616.68

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	3.93	1.44
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	5.54	1.81
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.32	1.44
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	314.83	72.17
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	708.57	144.34
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,683.00	230.96
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,328.08	230.96
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,731.10	230.96
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*	
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	32.05	
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.99	
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.50	
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	13.29	
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	50.94	
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	34.38	
08 36 13 00-0172	SF	Up To 2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	68.77	
08 36 13 00-0173	SF	>2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	46.42	
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	627.09	115.47
08 36 13 00-0175	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	977.30	174.48
08 36 13 00-0176	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,442.17	290.80
08 36 13 00-0177	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.91	
08 36 13 00-0178	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.46	
08 36 13 00-0179	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	3.25	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	22.91	6.93
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.79*	
		For Ribbed Strip Material, Add	*1.66*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	31.94	9.24
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.12*	
		For Ribbed Strip Material, Add	*2.34*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.35	5.78
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.00*	
		For Ribbed Strip Material, Add	*2.09*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	26.37	6.35
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.25*	
		For Ribbed Strip Material, Add	*2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	21.90	5.78
		For Cooler/Freezer Doors, USDA Grade, Add	*1.27*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.66*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	75.85	32.57
		For Cooler/Freezer Doors, USDA Grade, Add	*2.27*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*4.77*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	79.04	32.57
		For Cooler/Freezer Doors, USDA Grade, Add	*2.59*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*5.44*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	118.95	40.30
		For Cooler/Freezer Doors, USDA Grade, Add	*5.31*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*11.16*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	129.74	40.30
		For Cooler/Freezer Doors, USDA Grade, Add	*6.39*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*13.42*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	139.87	40.30
		For Cooler/Freezer Doors, USDA Grade, Add	*7.41*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*15.55*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	255.72	41.11
		For Cooler/Freezer Doors, USDA Grade, Add	*17.35*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*36.42*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,655.67	115.47
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	9,379.85	115.47
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	19,803.51	132.80
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	22,235.30	144.34
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	34,767.89	144.34
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	36,389.15	144.34
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	40,470.13	173.22

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	9,663.84	115.47
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	10,470.30	115.47
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	23,517.04	132.80
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	25,932.34	144.34
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	39,007.88	144.34
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	40,657.05	144.34
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	45,218.28	173.22

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,240.62	63.51
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,502.88	63.51

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,502.88	63.51
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,576.86	63.51
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,446.58	109.71
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,971.12	109.71
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,971.12	109.71
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,119.07	109.71

08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,525.78	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,646.83	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,699.69	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,773.66	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,853.43	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,014.82	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,079.19	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,734.25	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,828.40	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,887.99	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,941.78	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,129.15	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,169.49	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,227.13	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,016.91	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,259.00	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,353.15	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,501.10	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,660.63	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,983.43	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,077.57	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,433.85	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,622.14	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,729.74	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,837.34	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,212.07	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,292.77	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,373.47	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,763.15	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,079.22	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,212.78	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,347.28	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,393.42	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,669.14	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,935.25	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,982.32	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0047		96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,032.15	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,361.66	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,495.22	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,663.35	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,790.18	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,059.18	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,184.07	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,352.19	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0056		Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0057		84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,491.65	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,123.79	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,379.33	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,648.33	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,740.61	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,292.05	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,789.69	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,883.84	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,029.64	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,688.68	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,944.22	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,280.46	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,534.15	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,072.14	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,287.33	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,623.57	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*

Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.

08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,896.54	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,440.22	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,590.99	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,645.36	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,705.52	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,212.95	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,647.06	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,710.49	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,014.33	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,684.87	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,844.71	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,917.20	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,941.11	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,312.63	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,737.68	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,810.17	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,758.42	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,845.78	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,135.75	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,244.48	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,364.81	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,379.68	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,213.33	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,340.19	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,994.02	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,335.10	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,643.18	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,788.17	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,836.00	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,579.03	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,394.56	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,539.54	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)* Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,731.53	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,087.95	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,187.88	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,275.31	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,429.04	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,597.17	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,748.95	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,863.28	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,034.15	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,410.74	63.51
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,517.40	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,564.48	66.40
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,704.76	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,926.68	69.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,051.57	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,165.89	77.95
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0134		Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,428.41	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,141.24	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,329.54	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,504.39	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,811.87	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,148.11	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,417.11	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,645.75	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,033.65	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,786.83	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,988.57	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,082.72	109.71
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,363.31	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,807.15	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,022.34	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,250.99	115.47
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.

08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,664.28	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,859.30	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,039.94	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,154.26	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,442.49	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,671.14	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,870.00	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,085.20	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,798.78	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,034.15	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,154.26	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,315.66	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,624.07	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,899.78	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,085.20	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,286.94	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,141.75	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,188.82	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,389.63	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,537.58	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,852.71	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,182.23	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,354.19	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,555.93	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,293.91	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,683.95	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,033.65	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,262.29	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,838.77	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,296.06	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,659.20	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,089.59	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,562.91	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,033.65	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,262.29	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,585.08	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,201.91	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,753.35	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,089.59	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,493.08	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,248.84	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,342.99	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,733.03	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,028.92	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,659.20	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,318.24	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,627.58	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,031.07	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,664.28	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,859.30	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,039.94	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,154.26	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,442.49	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,671.14	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,870.00	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,085.20	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,798.78	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,034.15	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,154.26	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,315.66	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,624.07	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,899.78	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,085.20	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,286.94	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,141.75	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,188.82	63.51
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,389.63	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,537.58	66.40
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,852.71	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,182.23	69.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,354.19	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,555.93	77.95
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,293.91	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,683.95	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,033.65	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,262.29	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,838.77	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,296.06	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,659.20	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,089.59	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,562.91	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,033.65	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,262.29	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,585.08	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,201.91	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,753.35	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,089.59	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,493.08	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,248.84	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,342.99	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,733.03	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,028.92	109.71
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,659.20	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,318.24	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,627.58	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,031.07	115.47
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0267 Rigid Impact Traffic Door Accessories *(08 38 19)*

08 38 19 00-0268 Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	295.01	46.19
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	328.63	46.19
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	355.53	46.19
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	402.61	46.19
08 38 19 00-0273		Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	839.72	46.19
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	1,122.17	46.19
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	1,666.88	46.19
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	1,929.15	46.19
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	2,198.14	46.19
08 38 19 00-0279		Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	355.53	46.19
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	382.43	46.19
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	416.06	46.19
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	463.13	46.19
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	490.03	46.19
08 38 19 00-0286		24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	490.03	46.19
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	611.08	46.19
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	678.33	46.19
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	772.47	46.19
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	833.00	46.19
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	611.08	46.19
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	718.67	46.19
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	799.37	46.19
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	947.32	46.19
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	1,048.19	46.19
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	678.33	46.19
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	799.37	46.19
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	933.87	46.19
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	1,007.84	46.19
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	1,122.17	46.19
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	833.00	46.19
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	1,048.19	46.19
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	1,122.17	46.19
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	1,263.39	46.19
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,418.06	46.19
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	342.08	46.19
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	368.98	46.19
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	382.43	46.19
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	442.96	46.19
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	469.86	46.19
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	442.96	46.19
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	483.31	46.19
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	523.65	46.19
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	557.28	46.19
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	611.08	46.19
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	510.20	46.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	543.83	46.19
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	624.53	46.19
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	711.95	46.19
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	752.30	46.19
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	543.83	46.19
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	611.08	46.19
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	711.95	46.19
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	792.65	46.19
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	839.72	46.19
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	698.50	46.19
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	792.65	46.19
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	920.42	46.19
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	980.94	46.19
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	1,061.64	46.19
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	463.13	46.19
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	490.03	46.19
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	570.73	46.19
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	611.08	46.19
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	725.40	46.19
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	651.43	46.19
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	772.47	46.19
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	893.52	46.19
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,041.47	46.19
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,175.96	46.19
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	745.57	46.19
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.97	46.19
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,054.92	46.19
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,209.59	46.19
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,391.16	46.19
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	866.62	46.19
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,041.47	46.19
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,243.21	46.19
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,438.23	46.19
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,606.36	46.19
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,081.82	46.19
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,498.76	46.19
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,606.36	46.19
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,929.15	46.19
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	2,117.44	46.19
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	409.33	46.19
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	442.96	46.19
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	483.31	46.19
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	530.38	46.19
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	604.35	46.19
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	557.28	46.19
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	637.98	46.19
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	718.67	46.19
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	806.10	46.19
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.97	46.19
08 38 19 00-0386		**30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors** *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	637.98	46.19
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	738.85	46.19
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	853.17	46.19
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	994.39	46.19
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,088.54	46.19
08 38 19 00-0392		**36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors** *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	718.67	46.19
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	853.17	46.19
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	994.39	46.19
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,135.62	46.19
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,236.49	46.19
08 38 19 00-0398		**48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors** *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.97	46.19
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,115.44	46.19
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,236.49	46.19
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,478.58	46.19
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,545.83	46.19
08 38 19 00-0404		**Jamb Guards For Impact Traffic Doors** *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	562.10	57.74
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	763.85	57.74
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,503.58	57.74
08 38 19 00-0408		**Other Impact Traffic Door Accessories** *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	136.47	28.87
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	183.54	28.87
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	472.71	28.87
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	593.76	28.87
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	230.62	28.87
08 38 19 00-0414		**Impact Traffic Door Knock Down Frames** *(08 38 19)*		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		**Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0414)*		
08 38 19 00-0416		**84" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,374.35	86.60
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,620.43	95.27
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,654.84	101.04
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,692.15	109.71
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,729.46	115.47
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,802.67	121.25
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,855.51	127.03
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,889.64	132.80
08 38 19 00-0425		**90" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,404.34	86.60
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,656.14	95.27
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,691.17	101.04
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,728.97	109.71
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,766.92	115.47
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,841.67	121.25
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,895.52	127.03
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,930.26	132.80
08 38 19 00-0434		**96" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,444.22	86.60
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,703.62	95.27
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,739.39	101.04
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,766.06	109.71
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,816.68	115.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,880.67	121.25
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,948.71	127.03
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,987.15	129.91
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,924.27	132.80
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,954.22	135.11
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,993.00	138.57
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,043.20	144.34
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,073.25	150.12
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,145.50	151.27
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,193.45	153.01
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,250.76	155.90
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,965.70	132.80
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,996.25	135.11
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,035.90	138.57
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,087.05	144.34
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,117.63	150.12
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,191.56	151.27
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,240.62	153.01
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,299.24	155.90
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,014.05	132.80
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,038.21	135.11
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,092.86	138.57
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,130.90	144.34
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,176.47	150.12
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,259.48	151.27
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,303.30	153.01
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,351.15	155.90

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2121 for exit device, 08 71 11 00-2272 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,391.51	766.64
		For Bronze Finish, Add	*359.88*	
		For Black Finish, Add	*1,033.59*	
		For 8' High Door, Add	*372.84*	
		For 10' High Door, Add	*810.53*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,527.45	842.50
		For Bronze Finish, Add	*362.21*	
		For Black Finish, Add	*1,040.29*	
		For 8' High Door, Add	*375.26*	
		For 10' High Door, Add	*815.78*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	7,338.21	1,149.73
		For Bronze Finish, Add	*623.55*	
		For Black Finish, Add	*1,790.88*	
		For 8' High Door, Add	*646.02*	
		For 10' High Door, Add	*1,404.40*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	8,536.18	1,252.83
		For Bronze Finish, Add	*738.28*	
		For Black Finish, Add	*2,120.40*	
		For 8' High Door, Add	*764.89*	
		For 10' High Door, Add	*1,662.80*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,832.69	766.64
		For Bronze Finish, Add	*408.85*	
		For Black Finish, Add	*1,174.24*	
		For 8' High Door, Add	*423.58*	
		For 10' High Door, Add	*920.83*	
		For 1" Insulated Glazing, Add	*164.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	4,995.94	842.50
		For Bronze Finish, Add	*414.21*	
		For Black Finish, Add	*1,189.64*	
		For 8' High Door, Add	*429.14*	
		For 10' High Door, Add	*932.91*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	8,172.25	1,149.73
		For Bronze Finish, Add	*716.13*	
		For Black Finish, Add	*2,056.78*	
		For 8' High Door, Add	*741.94*	
		For 10' High Door, Add	*1,612.91*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	9,345.88	1,252.83
		For Bronze Finish, Add	*828.16*	
		For Black Finish, Add	*2,378.53*	
		For 8' High Door, Add	*858.00*	
		For 10' High Door, Add	*1,865.23*	
		For 1" Insulated Glazing, Add	*328.89*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware	8,010.32	287.34
		For Anodized Color, Add	*1,234.97*	
		For Stainless Steel, Add	*4,459.60*	
		For 8' High Door, Add	*789.01*	
		For 10' High Door, Add	*1,715.23*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2") Note: Including Trim And Hardware	14,596.27	344.82
		For Anodized Color, Add	*2,331.77*	
		For Stainless Steel, Add	*8,420.30*	
		For 8' High Door, Add	*1,489.74*	
		For 10' High Door, Add	*3,238.58*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware	9,246.35	287.34
		For Anodized Color, Add	*1,457.45*	
		For Stainless Steel, Add	*5,263.02*	
		For 8' High Door, Add	*931.15*	
		For 10' High Door, Add	*2,024.24*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8") Note: Including Trim And Hardware	17,257.53	344.82
		For Anodized Color, Add	*2,810.80*	
		For Stainless Steel, Add	*10,150.11*	
		For 8' High Door, Add	*1,795.79*	
		For 10' High Door, Add	*3,903.89*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware	10,477.54	287.34
		For Anodized Color, Add	*1,679.07*	
		For Stainless Steel, Add	*6,063.30*	
		For 8' High Door, Add	*1,072.74*	
		For 10' High Door, Add	*2,332.04*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4") Note: Including Trim And Hardware	19,914.45	344.82
		For Anodized Color, Add	*3,289.05*	
		For Stainless Steel, Add	*11,877.11*	
		For 8' High Door, Add	*2,101.34*	
		For 10' High Door, Add	*4,568.12*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door Note: Including Trim And Hardware	12,944.70	287.34
		For Anodized Color, Add	*2,123.16*	
		For Stainless Steel, Add	*7,666.95*	
		For 8' High Door, Add	*1,356.46*	
		For 10' High Door, Add	*2,948.83*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1") Note: Including Trim And Hardware	25,232.59	344.82
		For Anodized Color, Add	*4,246.31*	
		For Stainless Steel, Add	*15,333.90*	
		For 8' High Door, Add	*2,712.92*	
		For 10' High Door, Add	*5,897.66*	
		For 1" Insulated Glazing, Add	*328.89*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	34.88	3.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	44.80	4.60

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,784.91	114.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*341.63*	
		For Emergency Egress On All Panels, Add	*911.01*	
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,273.02	155.17
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*372.20*	
		For Emergency Egress On All Panels, Add	*992.54*	
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,730.27	172.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*403.91*	
		For Emergency Egress On All Panels, Add	*1,077.09*	
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,173.90	189.65
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*434.60*	
		For Emergency Egress On All Panels, Add	*1,158.92*	
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,143.33	229.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*576.27*	
		For Emergency Egress On All Panels, Add	*1,536.72*	
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,405.16	270.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*589.87*	
		For Emergency Egress On All Panels, Add	*1,572.99*	
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	11,318.52	310.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*802.34*	
		For Emergency Egress On All Panels, Add	*2,139.57*	

08 42 29 23-0010 4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Bi-parting.

08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	9,489.05	287.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*668.58*	
		For Emergency Egress On All Panels, Add	*1,782.87*	
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	10,402.62	316.08
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*732.78*	
		For Emergency Egress On All Panels, Add	*1,954.09*	
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	11,316.19	344.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*796.99*	
		For Emergency Egress On All Panels, Add	*2,125.31*	
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	13,752.75	373.55
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*975.42*	
		For Emergency Egress On All Panels, Add	*2,601.13*	
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	16,189.32	402.17
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*1,153.86*	
		For Emergency Egress On All Panels, Add	*3,076.95*	

08 42 29 23-0016 Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0017 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*

Note: Single sliding.

08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,355.77	114.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*309.44*	
		For Emergency Egress On All Panels, Add	*825.18*	
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,805.52	155.17
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*337.14*	
		For Emergency Egress On All Panels, Add	*899.04*	
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,215.05	172.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*365.27*	
		For Emergency Egress On All Panels, Add	*974.05*	
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,627.99	189.65
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*393.65*	
		For Emergency Egress On All Panels, Add	*1,049.74*	
08 42 29 23-0022	EA	9'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	6,523.75	209.76
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*457.82*	
		For Emergency Egress On All Panels, Add	*1,220.85*	
08 42 29 23-0023	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	7,419.52	229.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*521.98*	
		For Emergency Egress On All Panels, Add	*1,391.95*	
08 42 29 23-0024	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	7,664.22	270.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*534.30*	
		For Emergency Egress On All Panels, Add	*1,424.80*	
08 42 29 23-0025	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	10,310.79	310.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*726.76*	
		For Emergency Egress On All Panels, Add	*1,938.02*	

08 42 29 23-0026 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*

Note: Bi-parting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0027	EA	10'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	8,216.83	272.97
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*575.32*	
		For Emergency Egress On All Panels, Add	*1,534.17*	
08 42 29 23-0028	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	8,649.29	287.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*605.60*	
		For Emergency Egress On All Panels, Add	*1,614.92*	
08 42 29 23-0029	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	9,482.17	316.08
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*663.75*	
		For Emergency Egress On All Panels, Add	*1,770.00*	
08 42 29 23-0030	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	10,315.05	344.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*721.91*	
		For Emergency Egress On All Panels, Add	*1,925.08*	
08 42 29 23-0031	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	12,527.54	373.55
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*883.53*	
		For Emergency Egress On All Panels, Add	*2,356.09*	
08 42 29 23-0032	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	14,740.03	402.17
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*1,045.16*	
		For Emergency Egress On All Panels, Add	*2,787.09*	

08 42 29 23-0033 Stanley Automatic Slide Doors *(08 42 29 23-0016)*

08 42 29 23-0034	EA	Single Slide, Dura Glide 2000 Slide Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, OR entry, and OR back entry applications.	9,924.00
		For Special Finish, Add	*1,240.50*
		For Access Control Belt Lock, Add	*2,584.38*
		For Smoke Evacuation, Add	*723.62*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
		For 1/2" Clear Glass, Add	*2,377.62*
08 42 29 23-0035	EA	Single Slide, Dura Glide 3000 All Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, auto ICU, and latching applications.	10,234.12
		For Special Finish, Add	*1,240.50*
		For Access Control Belt Lock, Add	*2,791.12*
		For Smoke Evacuation, Add	*723.62*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
		For 1/2" Clear Glass, Add	*2,791.12*
08 42 29 23-0036	EA	Single Slide, Dura Glide 5200 Lead Slide Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, and OR with latching applications.	14,989.38
		For Special Finish, Add	*1,240.50*
		For Access Control Belt Lock, Add	*2,584.38*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
08 42 29 23-0037	EA	Single Slide, Dura Glide 5300 All Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, and OR with latching applications.	15,402.88
		For Special Finish, Add	*1,240.50*
		For Access Control Belt Lock, Add	*2,791.12*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
08 42 29 23-0038	EA	Bi Part Slide, Dura Glide 2000 Slide Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, OR entry, and OR back entry applications.	12,818.50
		For Special Finish, Add	*2,274.25*
		For Access Control Belt Lock, Add	*2,584.38*
		For Smoke Evacuation, Add	*723.62*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
		For 1/2" Clear Glass, Add	*2,377.62*
08 42 29 23-0039	EA	Bi Part Slide, Dura Glide 3000 All Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, auto ICU, and latching applications.	13,128.62
		For Special Finish, Add	*2,274.25*
		For Access Control Belt Lock, Add	*2,791.12*
		For Smoke Evacuation, Add	*723.62*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*
		For 1/2" Clear Glass, Add	*2,791.12*
08 42 29 23-0040	EA	Bi Part Slide, Dura Glide 5200 Lead Slide Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, and OR with latching applications.	18,504.12
		For Special Finish, Add	*2,274.25*
		For Access Control Belt Lock, Add	*2,584.38*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*930.38*
		For Added Panel, Add	*1,757.38*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0041	EA	Bi Part Slide, Dura Glide 5300 All Panel, Swing Out, Stanley Automatic Slide Door Note: Includes slide door safety sensor. Vestibule entry, suite entry, parking garage, and OR with latching applications.	18,917.62	
		For Special Finish, Add	*2,274.25*	
		For Access Control Belt Lock, Add	*2,791.12*	
		For Push Plate/Touchless Activation, Add	*516.88*	
		For Aluminum Transom, Add	*930.38*	
		For Added Panel, Add	*1,757.38*	
08 42 29 23-0042	EA	Dura Max 5400 All Panel, Swing Out, Stanley Automatic Slide Door With Glass Note: Includes slide door safety sensor. Vestibule entry, suite entry, and parking garage applications.	14,369.12	
		For Special Finish, Add	*2,274.25*	
		For Access Control Belt Lock, Add	*2,274.25*	
		For Push Plate/Touchless Activation, Add	*516.88*	
		For Aluminum Transom, Add	*930.38*	
		For Added Panel, Add	*1,757.38*	
08 42 29 23-0043		Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0044		2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0043)* Note: Single sliding.		
08 42 29 23-0045	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,510.20	114.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*396.02*	
		For Emergency Egress On All Panels, Add	*1,056.06*	
08 42 29 23-0046	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	6,063.28	155.17
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*431.47*	
		For Emergency Egress On All Panels, Add	*1,150.59*	
08 42 29 23-0047	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	7,062.10	172.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*503.80*	
		For Emergency Egress On All Panels, Add	*1,343.46*	
08 42 29 23-0048	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	8,119.46	189.65
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*580.51*	
		For Emergency Egress On All Panels, Add	*1,548.03*	
08 42 29 23-0049	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	9,366.86	229.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*668.03*	
		For Emergency Egress On All Panels, Add	*1,781.42*	
08 42 29 23-0050	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	9,657.51	270.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*683.80*	
		For Emergency Egress On All Panels, Add	*1,823.46*	
08 42 29 23-0051	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	13,022.09	310.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*930.11*	
		For Emergency Egress On All Panels, Add	*2,480.28*	
08 42 29 23-0052		4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0043)* Note: Bi-parting.		
08 42 29 23-0053	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	10,908.57	287.34
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*775.04*	
		For Emergency Egress On All Panels, Add	*2,066.78*	
08 42 29 23-0054	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	11,958.41	316.08
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*849.47*	
		For Emergency Egress On All Panels, Add	*2,265.25*	
08 42 29 23-0055	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	13,008.25	344.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*923.90*	
		For Emergency Egress On All Panels, Add	*2,463.72*	
08 42 29 23-0056	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	15,823.71	373.55
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*1,130.75*	
		For Emergency Egress On All Panels, Add	*3,015.32*	
08 42 29 23-0057	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	18,639.17	402.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*1,337.60*	
		For Emergency Egress On All Panels, Add	*3,566.92*	
08 42 29 23-0058		Accessories For Sliding Automatic Entrances *(08 42 29 23)* See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0059	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	10,236.85	1,154.77
08 42 29 23-0060	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	17,528.91	1,732.16
08 42 29 33		**Swinging Automatic Entrances** *(08 42 29)* Note: Excludes glazing.		
08 42 29 33-0001		Swing Door Operators, Up To 350 Lb. Panel Weight *(08 42 29 33)* Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	4,410.83	574.77
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	7,672.82	766.40
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 Lb. Panel	3,674.80	459.82
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel	6,659.27	689.72
08 42 29 33-0006		Activation Devices For Door Operators *(08 42 29 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	444.75	45.98
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	394.74	45.98
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	398.73	45.98
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H) Note: Excludes wiring from operator to push plate.	200.48	45.98
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H) Note: Excludes wiring from operator to push button.	216.24	45.98
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425) Note: Excludes wiring from operator to push button.	135.89	45.98
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	680.78	114.95
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	959.76	57.48
08 42 29 33-0015	EA	Guard Rail For Door With Operator	254.18	57.48

08 42 29 33-0016 Stanley Swing Door Operators *(08 42 29 33)*

08 42 29 33-0017	EA	Single Swing, Magic Access Low Energy Americans With Disabilities Act Compliant Stanley Swing Door Operator Note: Restroom, waiting room, and non-center hung applications.	3,101.25
		For Special Finish, Add	*413.50*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
		For Installation On Glass Door (Excludes Door), Add	*1,033.75*
08 42 29 33-0018	EA	Single Swing, Magic Force Low/Full Energy HD Stanley Swing Door Operator Note: Exterior entries, corridors, and center hung applications.	3,721.50
		For Special Finish, Add	*413.50*
		For Door Safety Sensors, Add	*2,057.16*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
08 42 29 33-0019	EA	Single Swing, Magic Swing Industrial Stanley Swing Door Operator Note: Special, x-ray, heavy use applications.	5,995.75
		For Special Finish, Add	*413.50*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
08 42 29 33-0020	EA	Single Swing, SBD Auto Stanley Bi-fold Door Operator Note: Special applications.	8,528.44
		For Special Finish, Add	*930.38*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*620.25*
08 42 29 33-0021	EA	Pair Swing, Magic Access Low Energy Americans With Disabilities Act Compliant Stanley Swing Door Operator Note: Restroom, waiting room, and non-center hung applications.	5,685.62
		For Special Finish, Add	*413.50*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
		For Installation On Glass Door (Excludes Door), Add	*1,033.75*
08 42 29 33-0022	EA	Pair Swing, Magic Force Low/Full Energy HD Stanley Swing Door Operator Note: Exterior entries, corridors, and center hung applications.	7,753.12
		For Special Finish, Add	*413.50*
		For Door Safety Sensors, Add	*2,057.16*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
08 42 29 33-0023	EA	Pair Swing, Magic Swing Industrial Stanley Swing Door Operator Note: Special, x-ray, heavy use applications.	10,337.50
		For Special Finish, Add	*413.50*
		For Security Relay Module, Add	*413.50*
		For Fire Alarm Relay Module, Add	*620.25*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Door And Frame, Add	*7,236.25*
		For Aluminum Transom, Add	*620.25*
08 42 29 33-0024	EA	Pair Swing, SBD Auto Stanley Bi-fold Door Operator Note: Special applications.	12,921.88
		For Special Finish, Add	*1,964.12*
		For Push Plate/Touchless Activation, Add	*516.88*
		For Aluminum Transom, Add	*620.25*

08 42 33 Revolving Door Entrances *(08 42)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0001		**Aluminum Revolving Doors** *(08 42 33)*		
		Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	40,084.29	6,429.68
		For Automatic Controls, Add	*8,386.36*	
		For Powder Coated, Add	*1,560.65*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	54,282.74	9,644.66
		For Automatic Controls, Add	*10,154.54*	
		For Powder Coated, Add	*1,961.13*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	82,289.25	11,573.54
		For Automatic Controls, Add	*11,215.44*	
		For Powder Coated, Add	*3,468.10*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	44,603.08	7,072.58
		For Automatic Controls, Add	*8,747.21*	
		For Powder Coated, Add	*1,747.75*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	60,091.92	10,609.46
		For Automatic Controls, Add	*10,636.77*	
		For Powder Coated, Add	*2,196.25*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	91,900.89	12,730.89
		For Automatic Controls, Add	*11,922.72*	
		For Powder Coated, Add	*3,883.89*	
08 42 33 00-0008		**Stainless Steel Revolving Doors** *(08 42 33)*		
		Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	41,118.82	6,429.68
		For Automatic Controls, Add	*8,386.36*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	55,582.76	9,644.66
		For Automatic Controls, Add	*10,154.54*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	84,588.22	11,573.54
		For Automatic Controls, Add	*11,215.44*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	45,764.41	7,072.58
		For Automatic Controls, Add	*8,747.21*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	61,551.26	10,609.46
		For Automatic Controls, Add	*10,636.77*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	94,481.62	12,730.89
		For Automatic Controls, Add	*11,922.72*	
08 42 33 00-0015		**Bronze Revolving Doors** *(08 42 33)*		
		Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	37,470.40	6,429.68
		For Automatic Controls, Add	*8,386.36*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	50,998.09	9,644.66
		For Automatic Controls, Add	*10,154.54*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	76,480.60	11,573.54
		For Automatic Controls, Add	*11,215.44*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	41,678.17	7,072.58
		For Automatic Controls, Add	*8,747.21*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	56,416.44	10,609.46
		For Automatic Controls, Add	*10,636.77*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	85,401.09	12,730.89
		For Automatic Controls, Add	*11,922.72*	
08 42 36		**Balanced Door Entrances** *(08 42)*		
08 42 36 00-0001		**Balanced Doors, With Glass** *(08 42 36)*		
		Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	13,805.62	352.99
		For Bronze Instead Of Stainless Steel, Deduct	*-3,230.72*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,292.29*	
		For Tinted Glass, Add	*646.14*	
		For Aluminum, Painted Finish, Deduct	*-3,876.87*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	14,330.42	352.99
		For Bronze Instead Of Stainless Steel, Deduct	*-3,361.92*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,344.77*	
		For Tinted Glass, Add	*672.38*	
		For Aluminum, Painted Finish, Deduct	*-4,034.31*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	15,605.01	352.99
		For Bronze Instead Of Stainless Steel, Deduct	*-3,680.57*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,472.23*	
		For Tinted Glass, Add	*736.11*	
		For Aluminum, Painted Finish, Deduct	*-4,416.68*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	17,104.58	352.99
		For Bronze Instead Of Stainless Steel, Deduct	*-4,055.46*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,622.19*	
		For Tinted Glass, Add	*811.09*	
		For Aluminum, Painted Finish, Deduct	*-4,866.56*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	28,572.60	670.88
		For Bronze Instead Of Stainless Steel, Deduct	*-6,723.85*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,689.54*	
		For Tinted Glass, Add	*1,344.77*	
		For Aluminum, Painted Finish, Deduct	*-8,068.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 43 Storefronts *(08 40)*

08 43 13 Aluminum-Framed Storefronts *(08 43)*

08 43 13 00-0001 Aluminum Storefront Framing Assembly *(08 43 13)*

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 13-0000 for appropriate glazing material.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.28	8.44
		For Various Color Class I Anodized Finish, Add	*1.11*	
		For Black Color Class I Anodized Finish, Add	*3.33*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.11	7.60
		For Various Color Class I Anodized Finish, Add	*1.00*	
		For Black Color Class I Anodized Finish, Add	*2.99*	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.84	7.00
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.74*	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.14	6.55
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.56*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.81	6.21
		For Various Color Class I Anodized Finish, Add	*0.80*	
		For Black Color Class I Anodized Finish, Add	*2.41*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.76	5.93
		For Various Color Class I Anodized Finish, Add	*0.77*	
		For Black Color Class I Anodized Finish, Add	*2.30*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.89	5.70
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.21*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.18	5.51
		For Various Color Class I Anodized Finish, Add	*0.71*	
		For Black Color Class I Anodized Finish, Add	*2.13*	

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	40.80	11.04
		For Various Color Class I Anodized Finish, Add	*1.45*	
		For Black Color Class I Anodized Finish, Add	*4.35*	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.01	9.77
		For Various Color Class I Anodized Finish, Add	*1.28*	
		For Black Color Class I Anodized Finish, Add	*3.83*	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.71	8.85
		For Various Color Class I Anodized Finish, Add	*1.16*	
		For Black Color Class I Anodized Finish, Add	*3.47*	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.15	8.17
		For Various Color Class I Anodized Finish, Add	*1.06*	
		For Black Color Class I Anodized Finish, Add	*3.19*	
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.16	7.59
		For Various Color Class I Anodized Finish, Add	*0.99*	
		For Black Color Class I Anodized Finish, Add	*2.98*	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.51	7.25
		For Various Color Class I Anodized Finish, Add	*0.94*	
		For Black Color Class I Anodized Finish, Add	*2.81*	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.29	6.89
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.67*	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.17	6.55
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.55*	

08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0021	SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	50.38	13.56
		For Various Color Class I Anodized Finish, Add	*1.79*	
		For Black Color Class I Anodized Finish, Add	*5.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	44.06	11.83
		For Various Color Class I Anodized Finish, Add	*1.56*	
		For Black Color Class I Anodized Finish, Add	*4.68*	
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.51	10.69
		For Various Color Class I Anodized Finish, Add	*1.40*	
		For Black Color Class I Anodized Finish, Add	*4.19*	
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.10	9.77
		For Various Color Class I Anodized Finish, Add	*1.28*	
		For Black Color Class I Anodized Finish, Add	*3.83*	
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.36	9.08
		For Various Color Class I Anodized Finish, Add	*1.18*	
		For Black Color Class I Anodized Finish, Add	*3.54*	
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.31	8.51
		For Various Color Class I Anodized Finish, Add	*1.11*	
		For Black Color Class I Anodized Finish, Add	*3.32*	
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.59	8.04
		For Various Color Class I Anodized Finish, Add	*1.04*	
		For Black Color Class I Anodized Finish, Add	*3.13*	
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.15	7.70
		For Various Color Class I Anodized Finish, Add	*0.99*	
		For Black Color Class I Anodized Finish, Add	*2.98*	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.23	8.85
		For Various Color Class I Anodized Finish, Add	*1.13*	
		For Black Color Class I Anodized Finish, Add	*3.40*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.96	7.93
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.04*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.50	7.36
		For Various Color Class I Anodized Finish, Add	*0.93*	
		For Black Color Class I Anodized Finish, Add	*2.78*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.73	6.89
		For Various Color Class I Anodized Finish, Add	*0.86*	
		For Black Color Class I Anodized Finish, Add	*2.59*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.32	6.44
		For Various Color Class I Anodized Finish, Add	*0.81*	
		For Black Color Class I Anodized Finish, Add	*2.44*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.31	6.21
		For Various Color Class I Anodized Finish, Add	*0.77*	
		For Black Color Class I Anodized Finish, Add	*2.32*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.29	5.97
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.22*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.60	5.75
		For Various Color Class I Anodized Finish, Add	*0.71*	
		For Black Color Class I Anodized Finish, Add	*2.14*	

08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	42.71	11.96
		For Various Color Class I Anodized Finish, Add	*1.47*	
		For Black Color Class I Anodized Finish, Add	*4.42*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	37.58	10.57
		For Various Color Class I Anodized Finish, Add	*1.30*	
		For Black Color Class I Anodized Finish, Add	*3.89*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.97	9.54
		For Various Color Class I Anodized Finish, Add	*1.17*	
		For Black Color Class I Anodized Finish, Add	*3.51*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.25	8.85
		For Various Color Class I Anodized Finish, Add	*1.08*	
		For Black Color Class I Anodized Finish, Add	*3.23*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.22	8.28
		For Various Color Class I Anodized Finish, Add	*1.00*	
		For Black Color Class I Anodized Finish, Add	*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.42	7.81
		For Various Color Class I Anodized Finish, Add	*0.94*	
		For Black Color Class I Anodized Finish, Add	*2.83*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.05	7.36
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.68*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.92	7.01
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.56*	

08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	51.70	14.25
		For Various Color Class I Anodized Finish, Add	*1.81*	
		For Black Color Class I Anodized Finish, Add	*5.44*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	45.16	12.41
		For Various Color Class I Anodized Finish, Add	*1.58*	
		For Black Color Class I Anodized Finish, Add	*4.74*	
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	40.43	11.15
		For Various Color Class I Anodized Finish, Add	*1.41*	
		For Black Color Class I Anodized Finish, Add	*4.24*	
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.96	10.23
		For Various Color Class I Anodized Finish, Add	*1.29*	
		For Black Color Class I Anodized Finish, Add	*3.86*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.20	9.43
		For Various Color Class I Anodized Finish, Add	*1.19*	
		For Black Color Class I Anodized Finish, Add	*3.57*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.98	8.85
		For Various Color Class I Anodized Finish, Add	*1.11*	
		For Black Color Class I Anodized Finish, Add	*3.34*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.22	8.39
		For Various Color Class I Anodized Finish, Add	*1.05*	
		For Black Color Class I Anodized Finish, Add	*3.14*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.66	8.04
		For Various Color Class I Anodized Finish, Add	*1.00*	
		For Black Color Class I Anodized Finish, Add	*2.99*	

08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	40.33	9.08
		For Various Color Class I Anodized Finish, Add	*1.60*	
		For Black Color Class I Anodized Finish, Add	*4.80*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.28	8.17
		For Various Color Class I Anodized Finish, Add	*1.44*	
		For Black Color Class I Anodized Finish, Add	*4.32*	
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.44	7.47
		For Various Color Class I Anodized Finish, Add	*1.32*	
		For Black Color Class I Anodized Finish, Add	*3.97*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.32	7.01
		For Various Color Class I Anodized Finish, Add	*1.24*	
		For Black Color Class I Anodized Finish, Add	*3.71*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.63	6.67
		For Various Color Class I Anodized Finish, Add	*1.17*	
		For Black Color Class I Anodized Finish, Add	*3.51*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.27	6.33
		For Various Color Class I Anodized Finish, Add	*1.12*	
		For Black Color Class I Anodized Finish, Add	*3.35*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.20	6.09
		For Various Color Class I Anodized Finish, Add	*1.07*	
		For Black Color Class I Anodized Finish, Add	*3.22*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.24	5.86
		For Various Color Class I Anodized Finish, Add	*1.04*	
		For Black Color Class I Anodized Finish, Add	*3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0065		**2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	53.22	12.19
		For Various Color Class I Anodized Finish, Add	*2.08*	
		For Black Color Class I Anodized Finish, Add	*6.25*	
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	47.01	10.80
		For Various Color Class I Anodized Finish, Add	*1.84*	
		For Black Color Class I Anodized Finish, Add	*5.52*	
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	42.65	9.77
		For Various Color Class I Anodized Finish, Add	*1.67*	
		For Black Color Class I Anodized Finish, Add	*5.01*	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.33	8.96
		For Various Color Class I Anodized Finish, Add	*1.54*	
		For Black Color Class I Anodized Finish, Add	*4.62*	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.74	8.39
		For Various Color Class I Anodized Finish, Add	*1.44*	
		For Black Color Class I Anodized Finish, Add	*4.32*	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.72	7.93
		For Various Color Class I Anodized Finish, Add	*1.36*	
		For Black Color Class I Anodized Finish, Add	*4.08*	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.04	7.59
		For Various Color Class I Anodized Finish, Add	*1.29*	
		For Black Color Class I Anodized Finish, Add	*3.88*	
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.54	7.25
		For Various Color Class I Anodized Finish, Add	*1.24*	
		For Black Color Class I Anodized Finish, Add	*3.71*	
08 43 13 00-0074		**2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	64.27	14.25
		For Various Color Class I Anodized Finish, Add	*2.57*	
		For Black Color Class I Anodized Finish, Add	*7.70*	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	56.48	12.64
		For Various Color Class I Anodized Finish, Add	*2.24*	
		For Black Color Class I Anodized Finish, Add	*6.73*	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	50.70	11.38
		For Various Color Class I Anodized Finish, Add	*2.01*	
		For Black Color Class I Anodized Finish, Add	*6.04*	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	46.45	10.35
		For Various Color Class I Anodized Finish, Add	*1.84*	
		For Black Color Class I Anodized Finish, Add	*5.53*	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	43.05	9.65
		For Various Color Class I Anodized Finish, Add	*1.71*	
		For Black Color Class I Anodized Finish, Add	*5.12*	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	40.34	9.08
		For Various Color Class I Anodized Finish, Add	*1.60*	
		For Black Color Class I Anodized Finish, Add	*4.80*	
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	38.09	8.51
		For Various Color Class I Anodized Finish, Add	*1.51*	
		For Black Color Class I Anodized Finish, Add	*4.54*	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.29	8.17
		For Various Color Class I Anodized Finish, Add	*1.44*	
		For Black Color Class I Anodized Finish, Add	*4.32*	
08 43 13 00-0083		**Accessories For Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)*		
08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	40.98	7.65
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	46.79	8.42
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	72.48	9.26

08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 19 00-0001		**Stainless Steel Storefront Framing Assembly** *(08 43 19)* Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 13-0000 for appropriate glazing material.		
08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	55.62	5.75
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*4.69*	

08 44 Curtain Wall and Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001		**Aluminum Glass Partition Wall Frame** *(08 44 13)* Note: Excludes glazing.		
08 44 13 00-0002	LF	2" x 5-1/2" Aluminum Head Frame, Clear Anodic Finish Note: For glass partition wall.	53.32	11.49
		For Color Anodic Finish, Add	*2.98*	
		For Baked-Enamel Finish, Add	*5.21*	
		For Powder Coated Finish, Add	*6.69*	
08 44 13 00-0003	LF	2" x 5-1/2" Aluminum Mullion Frame, Clear Anodic Finish Note: For glass partition wall.	59.29	13.79
		For Color Anodic Finish, Add	*3.30*	
		For Baked-Enamel Finish, Add	*5.77*	
		For Powder Coated Finish, Add	*7.42*	
08 44 13 00-0004	LF	2" x 5-1/2" Aluminum Jamb Frame, Clear Anodic Finish Note: For glass partition wall.	54.18	9.77
		For Color Anodic Finish, Add	*3.49*	
		For Baked-Enamel Finish, Add	*6.10*	
		For Powder Coated Finish, Add	*7.85*	
08 44 13 00-0005	LF	4" x 5-1/2" Aluminum Sill Frame, Clear Anodic Finish Note: For glass partition wall.	61.91	50.41
		For Color Anodic Finish, Add	*3.89*	
		For Baked-Enamel Finish, Add	*6.81*	
		For Powder Coated Finish, Add	*8.76*	
08 44 13 00-0006		**Curtain Walls** *(08 44 13)*		
08 44 13 00-0007		**Coping Sections** *(08 44 13 00-0006)*		
08 44 13 00-0008	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	72.20	3.45
		For Bronze Anodized Aluminum, Add	*7.81*	
		For Stainless Steel, Add	*32.23*	
		For Black Anodized Finish, Add	*14.05*	
08 44 13 00-0009	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	74.98	3.45
		For Bronze Anodized Aluminum, Add	*8.22*	
		For Stainless Steel, Add	*33.90*	
		For Black Anodized Finish, Add	*14.80*	
08 44 13 00-0010	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	90.18	4.60
		For Bronze Anodized Aluminum, Add	*9.76*	
		For Stainless Steel, Add	*40.29*	
		For Black Anodized Finish, Add	*17.57*	
08 44 13 00-0011		**Sill Section** *(08 44 13 00-0006)*		
08 44 13 00-0012	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	59.86	2.29
		For Bronze Anodized Aluminum, Add	*6.85*	
		For Stainless Steel, Add	*28.11*	
		For Black Anodized Finish, Add	*12.33*	
08 44 13 00-0013	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	64.74	2.29
		For Bronze Anodized Aluminum, Add	*7.58*	
		For Stainless Steel, Add	*31.04*	
		For Black Anodized Finish, Add	*13.65*	
08 44 13 00-0014	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	69.68	2.29
		For Bronze Anodized Aluminum, Add	*8.32*	
		For Stainless Steel, Add	*34.00*	
		For Black Anodized Finish, Add	*14.98*	
08 44 13 00-0015		**Aluminum Column Covers** *(08 44 13 00-0006)* Note: Includes all clips and fasteners.		
08 44 13 00-0016	LF	Aluminum Column Covers, 1/8" x 26", Shaped	146.06	5.75
		For Bronze Anodized Aluminum, Add	*17.05*	
		For Stainless Steel, Add	*69.83*	
		For Black Anodized Finish, Add	*30.69*	
08 44 13 00-0017	LF	Aluminum Column Covers, 1/8" x 34", Shaped	179.46	5.75
		For Bronze Anodized Aluminum, Add	*21.77*	
		For Stainless Steel, Add	*88.81*	
		For Black Anodized Finish, Add	*39.19*	
08 44 13 00-0018	LF	Aluminum Column Covers, 1/8" x 38", Shaped	192.33	5.75
		For Bronze Anodized Aluminum, Add	*23.70*	
		For Stainless Steel, Add	*96.53*	
		For Black Anodized Finish, Add	*42.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0019		**Spandrel Covers** *(08 44 13 00-0006)* Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).		
08 44 13 00-0020	SF	1" Spandrel Cover, Aluminum Both Faces	58.97	2.29
		For Bronze Anodized Aluminum, Add	*7.40*	
		For Stainless Steel, Add	*30.07*	
		For Black Anodized Finish, Add	*13.31*	
08 44 13 00-0021	SF	1" Spandrel Cover, Aluminum Exterior Face	51.65	2.29
		For Bronze Anodized Aluminum, Add	*6.30*	
		For Stainless Steel, Add	*25.68*	
		For Black Anodized Finish, Add	*11.34*	
08 44 13 00-0022	SF	1" Spandrel Cover, Epoxy Both Faces	112.23	2.29
		For Bronze Anodized Aluminum, Add	*15.39*	
		For Stainless Steel, Add	*62.03*	
		For Black Anodized Finish, Add	*27.69*	
08 44 13 00-0023	SF	1" Spandrel Cover, Epoxy Exterior Face Only	91.60	2.29
		For Bronze Anodized Aluminum, Add	*12.29*	
		For Stainless Steel, Add	*49.65*	
		For Black Anodized Finish, Add	*22.12*	
08 44 13 00-0024	SF	2" Spandrel Cover, Aluminum Both Faces	66.26	2.29
		For Bronze Anodized Aluminum, Add	*8.11*	
		For Stainless Steel, Add	*33.06*	
		For Black Anodized Finish, Add	*14.60*	
08 44 13 00-0025	SF	2" Spandrel Cover, Aluminum Exterior Face	59.33	2.29
		For Bronze Anodized Aluminum, Add	*7.07*	
		For Stainless Steel, Add	*28.90*	
		For Black Anodized Finish, Add	*12.73*	
08 44 13 00-0026	SF	2" Spandrel Cover, Epoxy Both Faces	128.24	2.29
		For Bronze Anodized Aluminum, Add	*17.41*	
		For Stainless Steel, Add	*70.25*	
		For Black Anodized Finish, Add	*31.34*	
08 44 13 00-0027	SF	2" Spandrel Cover, Epoxy Exterior Face Only	104.45	2.29
		For Bronze Anodized Aluminum, Add	*13.84*	
		For Stainless Steel, Add	*55.98*	
		For Black Anodized Finish, Add	*24.92*	
08 44 13 00-0028		**Curtain Wall, Aluminum System Framing Sections** *(08 44 13 00-0006)* Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	86.57	2.29
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.92*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	86.38	2.29
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.91*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	86.38	2.29
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.91*	
		For Black Anodized Finish, Add	*20.91*	
		For Corner Mullion, Add	*20.70*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	106.32	4.60
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.21*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	106.32	4.60
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.21*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	106.32	4.60
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.21*	
		For Black Anodized Finish, Add	*24.98*	
		For Corner Mullion, Add	*25.20*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	116.73	5.05
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.61*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	116.73	5.05
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.61*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	116.73	5.05
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.61*	
		For Black Anodized Finish, Add	*27.38*	
		For Corner Mullion, Add	*27.65*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	127.37	5.75
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.06*	
		For Black Anodized Finish, Add	*29.79*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	127.37	5.75
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.06*	
		For Black Anodized Finish, Add	*29.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	127.37	5.75
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.06*	
		For Black Anodized Finish, Add	*29.79*	
		For Corner Mullion, Add	*30.14*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	143.03	6.21
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.59*	
		For Black Anodized Finish, Add	*33.60*	
08 44 13 00-0042	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	143.03	6.21
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.59*	
		For Black Anodized Finish, Add	*33.60*	
08 44 13 00-0043	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	143.03	6.21
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.59*	
		For Black Anodized Finish, Add	*33.60*	
		For Corner Mullion, Add	*33.90*	
08 44 13 00-0044	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	164.19	6.89
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.79*	
		For Black Anodized Finish, Add	*38.57*	
08 44 13 00-0045	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	164.19	6.89
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.79*	
		For Black Anodized Finish, Add	*38.57*	
08 44 13 00-0046	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	164.19	6.89
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.79*	
		For Black Anodized Finish, Add	*38.57*	
		For Corner Mullion, Add	*38.92*	

08 45 Translucent Wall and Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	139.34	6.48
		For Aluminum Frame, Add	*12.96*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	127.69	5.52
		For Aluminum Frame, Add	*11.94*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0003 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) *(08 51 13 00-0002)*

08 51 13 00-0004	EA	Up To 6 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	962.75	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.68*	
		For Clear Anodized Finish, Add	*38.90*	
		For Color Anodized Finish, Add	*54.46*	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	1,094.38	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.88*	
		For Clear Anodized Finish, Add	*44.90*	
		For Color Anodized Finish, Add	*62.86*	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	1,205.14	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.84*	
		For Clear Anodized Finish, Add	*49.86*	
		For Color Anodized Finish, Add	*69.81*	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	1,295.01	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.54*	
		For Clear Anodized Finish, Add	*53.78*	
		For Color Anodized Finish, Add	*75.29*	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	1,510.19	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*76.75*	
		For Clear Anodized Finish, Add	*63.96*	
		For Color Anodized Finish, Add	*89.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0009	SF	>30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	49.60	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.56*	
		For Clear Anodized Finish, Add	*2.13*	
		For Color Anodized Finish, Add	*2.99*	

08 51 13 00-0010 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

08 51 13 00-0011	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	1,049.19	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.87*	
		For Clear Anodized Finish, Add	*43.22*	
		For Color Anodized Finish, Add	*60.51*	
08 51 13 00-0012	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	1,194.17	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.87*	
		For Clear Anodized Finish, Add	*49.89*	
		For Color Anodized Finish, Add	*69.85*	
08 51 13 00-0013	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	1,315.95	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*66.49*	
		For Clear Anodized Finish, Add	*55.40*	
		For Color Anodized Finish, Add	*77.57*	
08 51 13 00-0014	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	1,414.52	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.71*	
		For Clear Anodized Finish, Add	*59.76*	
		For Color Anodized Finish, Add	*83.66*	
08 51 13 00-0015	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	1,652.33	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*85.28*	
		For Clear Anodized Finish, Add	*71.07*	
		For Color Anodized Finish, Add	*99.50*	
08 51 13 00-0016	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	54.33	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.84*	
		For Clear Anodized Finish, Add	*2.37*	
		For Color Anodized Finish, Add	*3.32*	

08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,664.15	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*88.76*	
		For Clear Anodized Finish, Add	*73.97*	
		For Color Anodized Finish, Add	*103.56*	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,861.34	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*33.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*99.90*	
		For Clear Anodized Finish, Add	*83.25*	
		For Color Anodized Finish, Add	*116.55*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	2,023.73	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*36.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*108.95*	
		For Clear Anodized Finish, Add	*90.79*	
		For Color Anodized Finish, Add	*127.11*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	2,180.32	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*39.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*117.65*	
		For Clear Anodized Finish, Add	*98.05*	
		For Color Anodized Finish, Add	*137.26*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	2,626.98	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*47.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*143.76*	
		For Clear Anodized Finish, Add	*119.80*	
		For Color Anodized Finish, Add	*167.72*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	86.82	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.79*	
		For Clear Anodized Finish, Add	*3.99*	
		For Color Anodized Finish, Add	*5.59*	

08 51 13 00-0024 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0025	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,768.58	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*31.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*95.03*	
		For Clear Anodized Finish, Add	*79.19*	
		For Color Anodized Finish, Add	*110.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0026	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,006.38	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*36.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*108.60*	
		For Clear Anodized Finish, Add	*90.50*	
		For Color Anodized Finish, Add	*126.70*	
08 51 13 00-0027	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,197.78	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*39.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*119.40*	
		For Clear Anodized Finish, Add	*99.50*	
		For Color Anodized Finish, Add	*139.29*	
08 51 13 00-0028	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,383.37	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*43.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*129.84*	
		For Clear Anodized Finish, Add	*108.20*	
		For Color Anodized Finish, Add	*151.48*	
08 51 13 00-0029	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,876.45	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*158.73*	
		For Clear Anodized Finish, Add	*132.27*	
		For Color Anodized Finish, Add	*185.18*	
08 51 13 00-0030	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	95.11	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.29*	
		For Clear Anodized Finish, Add	*4.41*	
		For Color Anodized Finish, Add	*6.17*	

08 51 13 00-0031 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0032	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,965.83	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*106.86*	
		For Clear Anodized Finish, Add	*89.05*	
		For Color Anodized Finish, Add	*124.67*	
08 51 13 00-0033	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,279.05	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*41.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*124.96*	
		For Clear Anodized Finish, Add	*104.14*	
		For Color Anodized Finish, Add	*145.79*	
08 51 13 00-0034	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,476.25	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*45.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*136.10*	
		For Clear Anodized Finish, Add	*113.42*	
		For Color Anodized Finish, Add	*158.79*	
08 51 13 00-0035	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	2,661.85	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*48.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*146.55*	
		For Clear Anodized Finish, Add	*122.12*	
		For Color Anodized Finish, Add	*170.97*	
08 51 13 00-0036	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	3,114.31	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*57.67*	
		For 70% Fluoropolymer Finish (Duranar), Add	*173.00*	
		For Clear Anodized Finish, Add	*144.17*	
		For Color Anodized Finish, Add	*201.83*	
08 51 13 00-0037	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	103.06	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.77*	
		For Clear Anodized Finish, Add	*4.81*	
		For Color Anodized Finish, Add	*6.73*	

08 51 13 00-0038 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL) *(08 51 13 00-0002)*

08 51 13 00-0039	EA	Up To 6 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	2,411.07	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*44.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*133.58*	
		For Clear Anodized Finish, Add	*111.32*	
		For Color Anodized Finish, Add	*155.84*	
08 51 13 00-0040	EA	>6 To 10 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	2,799.71	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*156.20*	
		For Clear Anodized Finish, Add	*130.17*	
		For Color Anodized Finish, Add	*182.24*	
08 51 13 00-0041	EA	>10 To 15 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	3,043.32	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*56.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*170.13*	
		For Clear Anodized Finish, Add	*141.77*	
		For Color Anodized Finish, Add	*198.48*	
08 51 13 00-0042	EA	>15 To 20 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	3,272.48	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*61.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*183.18*	
		For Clear Anodized Finish, Add	*152.65*	
		For Color Anodized Finish, Add	*213.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0043	EA	>20 To 30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	3,835.17	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*72.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*216.25*	
		For Clear Anodized Finish, Add	*180.21*	
		For Color Anodized Finish, Add	*252.29*	
08 51 13 00-0044	SF	>30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	127.07	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.21*	
		For Clear Anodized Finish, Add	*6.01*	
		For Color Anodized Finish, Add	*8.41*	

08 51 13 00-0045 Double Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0046 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0045)*

08 51 13 00-0047	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	1,205.84	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.26*	
		For Clear Anodized Finish, Add	*51.05*	
		For Color Anodized Finish, Add	*71.47*	
08 51 13 00-0048	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	1,345.01	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.92*	
		For Clear Anodized Finish, Add	*57.44*	
		For Color Anodized Finish, Add	*80.41*	
08 51 13 00-0049	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	1,460.99	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*75.19*	
		For Clear Anodized Finish, Add	*62.66*	
		For Color Anodized Finish, Add	*87.72*	
08 51 13 00-0050	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	1,582.76	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*81.80*	
		For Clear Anodized Finish, Add	*68.17*	
		For Color Anodized Finish, Add	*95.43*	
08 51 13 00-0051	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	1,878.59	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*98.86*	
		For Clear Anodized Finish, Add	*82.38*	
		For Color Anodized Finish, Add	*115.33*	
08 51 13 00-0052	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	61.87	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.30*	
		For Clear Anodized Finish, Add	*2.75*	
		For Color Anodized Finish, Add	*3.85*	

08 51 13 00-0053 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0045)*

08 51 13 00-0054	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,536.52	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*81.11*	
		For Clear Anodized Finish, Add	*67.59*	
		For Color Anodized Finish, Add	*94.62*	
08 51 13 00-0055	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,803.33	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*96.42*	
		For Clear Anodized Finish, Add	*80.35*	
		For Color Anodized Finish, Add	*112.49*	
08 51 13 00-0056	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	2,017.93	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*36.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*108.60*	
		For Clear Anodized Finish, Add	*90.50*	
		For Color Anodized Finish, Add	*126.70*	
08 51 13 00-0057	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	2,261.54	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*40.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*122.53*	
		For Clear Anodized Finish, Add	*102.11*	
		For Color Anodized Finish, Add	*142.95*	
08 51 13 00-0058	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	2,719.81	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*49.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*149.33*	
		For Clear Anodized Finish, Add	*124.44*	
		For Color Anodized Finish, Add	*174.22*	
08 51 13 00-0059	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	89.89	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.98*	
		For Clear Anodized Finish, Add	*4.15*	
		For Color Anodized Finish, Add	*5.81*	

08 51 13 00-0060 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0061	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,994.84	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*36.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*108.60*	
		For Clear Anodized Finish, Add	*90.50*	
		For Color Anodized Finish, Add	*126.70*	
08 51 13 00-0062	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	2,308.06	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*42.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*126.71*	
		For Clear Anodized Finish, Add	*105.59*	
		For Color Anodized Finish, Add	*147.82*	
08 51 13 00-0063	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	2,569.07	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*47.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*141.67*	
		For Clear Anodized Finish, Add	*118.06*	
		For Color Anodized Finish, Add	*165.28*	
08 51 13 00-0064	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	2,824.29	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*156.29*	
		For Clear Anodized Finish, Add	*130.24*	
		For Color Anodized Finish, Add	*182.34*	
08 51 13 00-0065	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	3,456.60	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*64.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*193.54*	
		For Clear Anodized Finish, Add	*161.28*	
		For Color Anodized Finish, Add	*225.79*	
08 51 13 00-0066	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	114.43	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.45*	
		For Clear Anodized Finish, Add	*5.38*	
		For Color Anodized Finish, Add	*7.53*	

08 51 13 00-0067 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0045)*

08 51 13 00-0068	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	3,230.50	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*60.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*182.05*	
		For Clear Anodized Finish, Add	*151.71*	
		For Color Anodized Finish, Add	*212.39*	
08 51 13 00-0069	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	3,549.53	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*66.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*200.50*	
		For Clear Anodized Finish, Add	*167.08*	
		For Color Anodized Finish, Add	*233.92*	
08 51 13 00-0070	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	3,926.57	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*74.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*222.43*	
		For Clear Anodized Finish, Add	*185.36*	
		For Color Anodized Finish, Add	*259.50*	
08 51 13 00-0071	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	4,570.49	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*86.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*260.37*	
		For Clear Anodized Finish, Add	*216.98*	
		For Color Anodized Finish, Add	*303.77*	
08 51 13 00-0072	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	151.39	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.67*	
		For Clear Anodized Finish, Add	*7.22*	
		For Color Anodized Finish, Add	*10.11*	

08 51 13 00-0073 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0045)*

08 51 13 00-0074	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	4,541.64	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*86.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*260.72*	
		For Clear Anodized Finish, Add	*217.27*	
		For Color Anodized Finish, Add	*304.17*	
08 51 13 00-0075	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	4,901.28	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*93.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*281.61*	
		For Clear Anodized Finish, Add	*234.67*	
		For Color Anodized Finish, Add	*328.54*	
08 51 13 00-0076	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	5,313.14	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*101.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*305.62*	
		For Clear Anodized Finish, Add	*254.69*	
		For Color Anodized Finish, Add	*356.56*	
08 51 13 00-0077	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	6,038.27	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*116.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*348.44*	
		For Clear Anodized Finish, Add	*290.37*	
		For Color Anodized Finish, Add	*406.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0078	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	200.70	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.63*	
		For Clear Anodized Finish, Add	*9.69*	
		For Color Anodized Finish, Add	*13.56*	

08 51 13 00-0079 Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0080 One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*

08 51 13 00-0081 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0080)*

08 51 13 00-0082	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	1,078.20	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.61*	
		For Clear Anodized Finish, Add	*44.67*	
		For Color Anodized Finish, Add	*62.54*	
08 51 13 00-0083	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	1,228.98	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.96*	
		For Clear Anodized Finish, Add	*51.63*	
		For Color Anodized Finish, Add	*72.29*	
08 51 13 00-0084	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	1,339.15	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*67.88*	
		For Clear Anodized Finish, Add	*56.56*	
		For Color Anodized Finish, Add	*79.19*	
08 51 13 00-0085	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	1,455.13	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*74.14*	
		For Clear Anodized Finish, Add	*61.79*	
		For Color Anodized Finish, Add	*86.50*	
08 51 13 00-0086	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	1,704.54	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*88.41*	
		For Clear Anodized Finish, Add	*73.68*	
		For Color Anodized Finish, Add	*103.15*	
08 51 13 00-0087	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	56.07	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.95*	
		For Clear Anodized Finish, Add	*2.46*	
		For Color Anodized Finish, Add	*3.44*	

08 51 13 00-0088 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0080)*

08 51 13 00-0089	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,814.99	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*97.81*	
		For Clear Anodized Finish, Add	*81.51*	
		For Color Anodized Finish, Add	*114.12*	
08 51 13 00-0090	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	2,058.59	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*37.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*111.74*	
		For Clear Anodized Finish, Add	*93.11*	
		For Color Anodized Finish, Add	*130.36*	
08 51 13 00-0091	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	2,249.99	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*40.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*122.53*	
		For Clear Anodized Finish, Add	*102.11*	
		For Color Anodized Finish, Add	*142.95*	
08 51 13 00-0092	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	2,435.59	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*44.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*132.97*	
		For Clear Anodized Finish, Add	*110.81*	
		For Color Anodized Finish, Add	*155.13*	
08 51 13 00-0093	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	2,853.24	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*157.34*	
		For Clear Anodized Finish, Add	*131.11*	
		For Color Anodized Finish, Add	*183.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0094	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	94.36	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.25*	
		For Clear Anodized Finish, Add	*4.37*	
		For Color Anodized Finish, Add	*6.12*	

08 51 13 00-0095 Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*

08 51 13 00-0096 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0095)*

08 51 13 00-0097	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	1,229.04	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*62.66*	
		For Clear Anodized Finish, Add	*52.21*	
		For Color Anodized Finish, Add	*73.10*	
08 51 13 00-0098	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	1,426.23	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*73.80*	
		For Clear Anodized Finish, Add	*61.50*	
		For Color Anodized Finish, Add	*86.09*	
08 51 13 00-0099	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	1,553.81	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*80.76*	
		For Clear Anodized Finish, Add	*67.30*	
		For Color Anodized Finish, Add	*94.22*	
08 51 13 00-0100	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	1,658.18	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*86.33*	
		For Clear Anodized Finish, Add	*71.94*	
		For Color Anodized Finish, Add	*100.71*	
08 51 13 00-0101	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	1,942.41	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*34.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*102.69*	
		For Clear Anodized Finish, Add	*85.57*	
		For Color Anodized Finish, Add	*119.80*	
08 51 13 00-0102	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	63.96	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.42*	
		For Clear Anodized Finish, Add	*2.85*	
		For Color Anodized Finish, Add	*3.99*	

08 51 13 00-0103 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*

08 51 13 00-0104 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0103)*

08 51 13 00-0105	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	3,427.81	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*64.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*194.58*	
		For Clear Anodized Finish, Add	*162.15*	
		For Color Anodized Finish, Add	*227.01*	
08 51 13 00-0106	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	3,944.00	128.18
		For 50% Fluoropolymer Finish (Acrynar), Add	*74.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*223.82*	
		For Clear Anodized Finish, Add	*186.52*	
		For Color Anodized Finish, Add	*261.13*	
08 51 13 00-0107	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	4,268.83	135.11
		For 50% Fluoropolymer Finish (Acrynar), Add	*80.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*242.62*	
		For Clear Anodized Finish, Add	*202.18*	
		For Color Anodized Finish, Add	*283.06*	
08 51 13 00-0108	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	5,179.53	152.43
		For 50% Fluoropolymer Finish (Acrynar), Add	*98.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*295.53*	
		For Clear Anodized Finish, Add	*246.27*	
		For Color Anodized Finish, Add	*344.78*	
08 51 13 00-0109	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	5,985.77	173.22
		For 50% Fluoropolymer Finish (Acrynar), Add	*113.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*341.82*	
		For Clear Anodized Finish, Add	*284.85*	
		For Color Anodized Finish, Add	*398.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0110	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	101.84	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.69*	
		For Clear Anodized Finish, Add	*4.75*	
		For Color Anodized Finish, Add	*6.64*	
08 51 13 00-0111		Fixed Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0112		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0111)*		
08 51 13 00-0113	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	805.53	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.25*	
		For Clear Anodized Finish, Add	*31.04*	
		For Color Anodized Finish, Add	*43.45*	
08 51 13 00-0114	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	933.10	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.21*	
		For Clear Anodized Finish, Add	*36.84*	
		For Color Anodized Finish, Add	*51.58*	
08 51 13 00-0115	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	985.26	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.64*	
		For Clear Anodized Finish, Add	*38.87*	
		For Color Anodized Finish, Add	*54.42*	
08 51 13 00-0116	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	1,037.42	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.08*	
		For Clear Anodized Finish, Add	*40.90*	
		For Color Anodized Finish, Add	*57.26*	
08 51 13 00-0117	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	1,426.07	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.71*	
		For Clear Anodized Finish, Add	*59.76*	
		For Color Anodized Finish, Add	*83.66*	
08 51 13 00-0118	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	46.79	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.39*	
		For Clear Anodized Finish, Add	*1.99*	
		For Color Anodized Finish, Add	*2.79*	
08 51 13 00-0119		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0111)*		
08 51 13 00-0120	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	1,060.80	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.56*	
		For Clear Anodized Finish, Add	*43.80*	
		For Color Anodized Finish, Add	*61.32*	
08 51 13 00-0121	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	1,228.98	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.96*	
		For Clear Anodized Finish, Add	*51.63*	
		For Color Anodized Finish, Add	*72.29*	
08 51 13 00-0122	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	1,327.55	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*67.18*	
		For Clear Anodized Finish, Add	*55.98*	
		For Color Anodized Finish, Add	*78.38*	
08 51 13 00-0123	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	1,431.93	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*72.75*	
		For Clear Anodized Finish, Add	*60.63*	
		For Color Anodized Finish, Add	*84.88*	
08 51 13 00-0124	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	1,942.41	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*34.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*102.69*	
		For Clear Anodized Finish, Add	*85.57*	
		For Color Anodized Finish, Add	*119.80*	
08 51 13 00-0125	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	63.96	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.42*	
		For Clear Anodized Finish, Add	*2.85*	
		For Color Anodized Finish, Add	*3.99*	
08 51 13 00-0126		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) *(08 51 13 00-0111)*		
08 51 13 00-0127	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	886.75	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.12*	
		For Clear Anodized Finish, Add	*35.10*	
		For Color Anodized Finish, Add	*49.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0128	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	1,054.93	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.52*	
		For Clear Anodized Finish, Add	*42.93*	
		For Color Anodized Finish, Add	*60.10*	
08 51 13 00-0129	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	1,141.90	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*56.04*	
		For Clear Anodized Finish, Add	*46.70*	
		For Color Anodized Finish, Add	*65.38*	
08 51 13 00-0130	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	1,234.67	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*60.92*	
		For Clear Anodized Finish, Add	*50.76*	
		For Color Anodized Finish, Add	*71.07*	
08 51 13 00-0131	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	1,716.15	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*89.11*	
		For Clear Anodized Finish, Add	*74.26*	
		For Color Anodized Finish, Add	*103.96*	
08 51 13 00-0132	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	56.42	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.99*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.97*	
		For Clear Anodized Finish, Add	*2.47*	
		For Color Anodized Finish, Add	*3.46*	

08 51 13 00-0133 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0111)*

08 51 13 00-0134	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	880.95	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.77*	
		For Clear Anodized Finish, Add	*34.81*	
		For Color Anodized Finish, Add	*48.73*	
08 51 13 00-0135	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	1,031.73	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.13*	
		For Clear Anodized Finish, Add	*41.77*	
		For Color Anodized Finish, Add	*58.48*	
08 51 13 00-0136	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	1,118.70	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.65*	
		For Clear Anodized Finish, Add	*45.54*	
		For Color Anodized Finish, Add	*63.76*	
08 51 13 00-0137	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	1,211.47	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.52*	
		For Clear Anodized Finish, Add	*49.60*	
		For Color Anodized Finish, Add	*69.44*	
08 51 13 00-0138	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	1,692.94	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*87.72*	
		For Clear Anodized Finish, Add	*73.10*	
		For Color Anodized Finish, Add	*102.34*	
08 51 13 00-0139	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	55.66	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.92*	
		For Clear Anodized Finish, Add	*2.44*	
		For Color Anodized Finish, Add	*3.41*	

08 51 13 00-0140 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL) *(08 51 13 00-0111)*

08 51 13 00-0141	EA	Up To 6 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	1,089.81	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.30*	
		For Clear Anodized Finish, Add	*45.25*	
		For Color Anodized Finish, Add	*63.35*	
08 51 13 00-0142	EA	>6 To 10 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	1,282.35	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*65.16*	
		For Clear Anodized Finish, Add	*54.30*	
		For Color Anodized Finish, Add	*76.02*	
08 51 13 00-0143	EA	>10 To 15 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	1,391.95	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*71.05*	
		For Clear Anodized Finish, Add	*59.20*	
		For Color Anodized Finish, Add	*82.89*	
08 51 13 00-0144	EA	>15 To 20 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	1,509.09	131.64
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*77.38*	
		For Clear Anodized Finish, Add	*64.48*	
		For Color Anodized Finish, Add	*90.28*	
08 51 13 00-0145	EA	>20 To 30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	2,131.53	138.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*38.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*114.03*	
		For Clear Anodized Finish, Add	*95.03*	
		For Color Anodized Finish, Add	*133.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0146	SF	>30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	70.27	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.80*	
		For Clear Anodized Finish, Add	*3.17*	
		For Color Anodized Finish, Add	*4.43*	

08 51 13 00-0147 Projected Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0148 Single Vent, Projected Aluminum Windows *(08 51 13 00-0147)*

08 51 13 00-0149 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0148)*

08 51 13 00-0150	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	1,241.81	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.42*	
		For Clear Anodized Finish, Add	*52.85*	
		For Color Anodized Finish, Add	*73.99*	
08 51 13 00-0151	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	1,350.23	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.24*	
		For Clear Anodized Finish, Add	*57.70*	
		For Color Anodized Finish, Add	*80.77*	
08 51 13 00-0152	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	1,478.39	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*76.23*	
		For Clear Anodized Finish, Add	*63.53*	
		For Color Anodized Finish, Add	*88.94*	
08 51 13 00-0153	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	91.63	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.08*	
		For Clear Anodized Finish, Add	*4.24*	
		For Color Anodized Finish, Add	*5.93*	

08 51 13 00-0154 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0148)*

08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,754.72	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*31.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*94.20*	
		For Clear Anodized Finish, Add	*78.50*	
		For Color Anodized Finish, Add	*109.90*	
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,947.84	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*105.09*	
		For Clear Anodized Finish, Add	*87.58*	
		For Color Anodized Finish, Add	*122.61*	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	2,174.57	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*39.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*118.00*	
		For Clear Anodized Finish, Add	*98.34*	
		For Color Anodized Finish, Add	*137.67*	
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	138.04	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.87*	
		For Clear Anodized Finish, Add	*6.56*	
		For Color Anodized Finish, Add	*9.18*	

08 51 13 00-0159 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0148)*

08 51 13 00-0160	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,947.09	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*105.74*	
		For Clear Anodized Finish, Add	*88.12*	
		For Color Anodized Finish, Add	*123.36*	
08 51 13 00-0161	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	2,171.90	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*39.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*118.54*	
		For Clear Anodized Finish, Add	*98.78*	
		For Color Anodized Finish, Add	*138.29*	
08 51 13 00-0162	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	2,435.64	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*44.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*133.67*	
		For Clear Anodized Finish, Add	*111.39*	
		For Color Anodized Finish, Add	*155.94*	
08 51 13 00-0163	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	155.45	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.91*	
		For Clear Anodized Finish, Add	*7.43*	
		For Color Anodized Finish, Add	*10.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0164			3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0148)*		
08 51 13 00-0165		EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	2,079.60	110.86
			For 50% Fluoropolymer Finish (Acrynar), Add	*37.90*	
			For 70% Fluoropolymer Finish (Duranar), Add	*113.69*	
			For Clear Anodized Finish, Add	*94.74*	
			For Color Anodized Finish, Add	*132.64*	
08 51 13 00-0166		EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	2,326.28	117.79
			For 50% Fluoropolymer Finish (Acrynar), Add	*42.60*	
			For 70% Fluoropolymer Finish (Duranar), Add	*127.80*	
			For Clear Anodized Finish, Add	*106.50*	
			For Color Anodized Finish, Add	*149.10*	
08 51 13 00-0167		EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	2,615.49	124.72
			For 50% Fluoropolymer Finish (Acrynar), Add	*48.15*	
			For 70% Fluoropolymer Finish (Duranar), Add	*144.46*	
			For Clear Anodized Finish, Add	*120.38*	
			For Color Anodized Finish, Add	*168.53*	
08 51 13 00-0168		SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	167.46	4.16
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.21*	
			For 70% Fluoropolymer Finish (Duranar), Add	*9.63*	
			For Clear Anodized Finish, Add	*8.03*	
			For Color Anodized Finish, Add	*11.24*	
08 51 13 00-0169			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0148)*		
08 51 13 00-0170		EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	2,062.49	110.86
			For 50% Fluoropolymer Finish (Acrynar), Add	*37.55*	
			For 70% Fluoropolymer Finish (Duranar), Add	*112.66*	
			For Clear Anodized Finish, Add	*93.89*	
			For Color Anodized Finish, Add	*131.44*	
08 51 13 00-0171		EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	2,306.38	117.79
			For 50% Fluoropolymer Finish (Acrynar), Add	*42.20*	
			For 70% Fluoropolymer Finish (Duranar), Add	*126.60*	
			For Clear Anodized Finish, Add	*105.50*	
			For Color Anodized Finish, Add	*147.70*	
08 51 13 00-0172		EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	2,592.28	124.72
			For 50% Fluoropolymer Finish (Acrynar), Add	*47.69*	
			For 70% Fluoropolymer Finish (Duranar), Add	*143.07*	
			For Clear Anodized Finish, Add	*119.22*	
			For Color Anodized Finish, Add	*166.91*	
08 51 13 00-0173		SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	165.89	4.16
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.18*	
			For 70% Fluoropolymer Finish (Duranar), Add	*9.54*	
			For Clear Anodized Finish, Add	*7.95*	
			For Color Anodized Finish, Add	*11.13*	
08 51 13 00-0174			Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0147)*		
08 51 13 00-0175			2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0174)*		
08 51 13 00-0176		EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	1,801.77	110.86
			For 50% Fluoropolymer Finish (Acrynar), Add	*32.34*	
			For 70% Fluoropolymer Finish (Duranar), Add	*97.02*	
			For Clear Anodized Finish, Add	*80.85*	
			For Color Anodized Finish, Add	*113.19*	
08 51 13 00-0177		EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	2,002.61	117.79
			For 50% Fluoropolymer Finish (Acrynar), Add	*36.13*	
			For 70% Fluoropolymer Finish (Duranar), Add	*108.38*	
			For Clear Anodized Finish, Add	*90.32*	
			For Color Anodized Finish, Add	*126.44*	
08 51 13 00-0178		EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	2,238.39	124.72
			For 50% Fluoropolymer Finish (Acrynar), Add	*40.61*	
			For 70% Fluoropolymer Finish (Duranar), Add	*121.83*	
			For Clear Anodized Finish, Add	*101.53*	
			For Color Anodized Finish, Add	*142.14*	
08 51 13 00-0179		SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	142.11	4.16
			For 50% Fluoropolymer Finish (Acrynar), Add	*2.70*	
			For 70% Fluoropolymer Finish (Duranar), Add	*8.11*	
			For Clear Anodized Finish, Add	*6.76*	
			For Color Anodized Finish, Add	*9.46*	
08 51 13 00-0180			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0174)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0181	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	2,613.92	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*48.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*145.75*	
		For Clear Anodized Finish, Add	*121.46*	
		For Color Anodized Finish, Add	*170.04*	
08 51 13 00-0182	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	2,948.78	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*55.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*165.15*	
		For Clear Anodized Finish, Add	*137.62*	
		For Color Anodized Finish, Add	*192.67*	
08 51 13 00-0183	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	3,340.68	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*62.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*187.97*	
		For Clear Anodized Finish, Add	*156.64*	
		For Color Anodized Finish, Add	*219.30*	
08 51 13 00-0184	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	215.78	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.53*	
		For Clear Anodized Finish, Add	*10.44*	
		For Color Anodized Finish, Add	*14.62*	

08 51 13 00-0185 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0174)*

08 51 13 00-0186	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	2,784.89	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*156.01*	
		For Clear Anodized Finish, Add	*130.01*	
		For Color Anodized Finish, Add	*182.01*	
08 51 13 00-0187	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	3,147.94	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*59.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*177.10*	
		For Clear Anodized Finish, Add	*147.58*	
		For Color Anodized Finish, Add	*206.61*	
08 51 13 00-0188	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	3,572.74	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*67.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*201.89*	
		For Clear Anodized Finish, Add	*168.24*	
		For Color Anodized Finish, Add	*235.54*	
08 51 13 00-0189	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	230.87	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.44*	
		For Clear Anodized Finish, Add	*11.20*	
		For Color Anodized Finish, Add	*15.68*	

08 51 13 00-0190 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0174)*

08 51 13 00-0191	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	2,767.83	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*51.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*154.98*	
		For Clear Anodized Finish, Add	*129.15*	
		For Color Anodized Finish, Add	*180.81*	
08 51 13 00-0192	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	3,128.05	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*58.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*175.90*	
		For Clear Anodized Finish, Add	*146.59*	
		For Color Anodized Finish, Add	*205.22*	
08 51 13 00-0193	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	3,549.53	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*66.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*200.50*	
		For Clear Anodized Finish, Add	*167.08*	
		For Color Anodized Finish, Add	*233.92*	
08 51 13 00-0194	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	229.71	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.37*	
		For Clear Anodized Finish, Add	*11.14*	
		For Color Anodized Finish, Add	*15.59*	

08 51 13 00-0195 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0174)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0196	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	3,032.85	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*56.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*170.88*	
		For Clear Anodized Finish, Add	*142.40*	
		For Color Anodized Finish, Add	*199.37*	
08 51 13 00-0197	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	3,436.80	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*64.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*194.43*	
		For Clear Anodized Finish, Add	*162.02*	
		For Color Anodized Finish, Add	*226.83*	
08 51 13 00-0198	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	3,909.22	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*74.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*222.08*	
		For Clear Anodized Finish, Add	*185.07*	
		For Color Anodized Finish, Add	*259.10*	
08 51 13 00-0199	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	253.49	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.79*	
		For Clear Anodized Finish, Add	*12.33*	
		For Color Anodized Finish, Add	*17.26*	

08 51 13 00-0200 Casement Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0201 Single Vent, Casement Aluminum Windows *(08 51 13 00-0200)*

08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*

08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	1,451.24	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*75.99*	
		For Clear Anodized Finish, Add	*63.32*	
		For Color Anodized Finish, Add	*88.65*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	1,594.24	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*83.88*	
		For Clear Anodized Finish, Add	*69.90*	
		For Color Anodized Finish, Add	*97.86*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	1,762.66	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*31.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*93.29*	
		For Clear Anodized Finish, Add	*77.74*	
		For Color Anodized Finish, Add	*108.84*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	110.60	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.22*	
		For Clear Anodized Finish, Add	*5.18*	
		For Color Anodized Finish, Add	*7.26*	

08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	2,229.22	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*40.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*122.67*	
		For Clear Anodized Finish, Add	*102.22*	
		For Color Anodized Finish, Add	*143.11*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	2,500.55	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*46.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*138.25*	
		For Clear Anodized Finish, Add	*115.21*	
		For Color Anodized Finish, Add	*161.30*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	2,818.54	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*156.64*	
		For Clear Anodized Finish, Add	*130.53*	
		For Color Anodized Finish, Add	*182.75*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	180.98	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.44*	
		For Clear Anodized Finish, Add	*8.70*	
		For Color Anodized Finish, Add	*12.18*	

08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	2,242.04	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*41.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*123.44*	
		For Clear Anodized Finish, Add	*102.86*	
		For Color Anodized Finish, Add	*144.01*	
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	2,515.52	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*46.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*139.15*	
		For Clear Anodized Finish, Add	*115.96*	
		For Color Anodized Finish, Add	*162.34*	
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	2,835.94	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*52.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*157.68*	
		For Clear Anodized Finish, Add	*131.40*	
		For Color Anodized Finish, Add	*183.97*	
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	182.14	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.51*	
		For Clear Anodized Finish, Add	*8.76*	
		For Color Anodized Finish, Add	*12.26*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	2,374.55	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*43.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*131.39*	
		For Clear Anodized Finish, Add	*109.49*	
		For Color Anodized Finish, Add	*153.28*	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	2,669.90	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*49.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*148.42*	
		For Clear Anodized Finish, Add	*123.68*	
		For Color Anodized Finish, Add	*173.15*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	3,015.79	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*56.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*168.48*	
		For Clear Anodized Finish, Add	*140.40*	
		For Color Anodized Finish, Add	*196.56*	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	194.14	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.23*	
		For Clear Anodized Finish, Add	*9.36*	
		For Color Anodized Finish, Add	*13.10*	

08 51 13 00-0222 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0200)*

08 51 13 00-0223 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0222)*

08 51 13 00-0224	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	1,686.35	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*30.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*90.09*	
		For Clear Anodized Finish, Add	*75.08*	
		For Color Anodized Finish, Add	*105.11*	
08 51 13 00-0225	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	1,868.13	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*33.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*100.31*	
		For Clear Anodized Finish, Add	*83.59*	
		For Color Anodized Finish, Add	*117.03*	
08 51 13 00-0226	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	2,081.75	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*37.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*112.43*	
		For Clear Anodized Finish, Add	*93.69*	
		For Color Anodized Finish, Add	*131.17*	
08 51 13 00-0227	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	131.84	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.49*	
		For Clear Anodized Finish, Add	*6.25*	
		For Color Anodized Finish, Add	*8.74*	

08 51 13 00-0228 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0222)*

08 51 13 00-0229	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	2,464.30	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*45.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*136.77*	
		For Clear Anodized Finish, Add	*113.98*	
		For Color Anodized Finish, Add	*159.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0230	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	2,774.44	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*51.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*154.69*	
		For Clear Anodized Finish, Add	*128.91*	
		For Color Anodized Finish, Add	*180.47*	
08 51 13 00-0231	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	3,137.62	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*58.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*175.79*	
		For Clear Anodized Finish, Add	*146.49*	
		For Color Anodized Finish, Add	*205.08*	
08 51 13 00-0232	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	202.27	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.72*	
		For Clear Anodized Finish, Add	*9.77*	
		For Color Anodized Finish, Add	*13.67*	

08 51 13 00-0233 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0222)*

08 51 13 00-0234	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	2,750.72	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*51.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*153.96*	
		For Clear Anodized Finish, Add	*128.30*	
		For Color Anodized Finish, Add	*179.62*	
08 51 13 00-0235	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	3,108.15	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*58.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*174.71*	
		For Clear Anodized Finish, Add	*145.59*	
		For Color Anodized Finish, Add	*203.83*	
08 51 13 00-0236	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	3,526.32	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*66.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*199.11*	
		For Clear Anodized Finish, Add	*165.92*	
		For Color Anodized Finish, Add	*232.29*	
08 51 13 00-0237	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	228.14	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.27*	
		For Clear Anodized Finish, Add	*11.06*	
		For Color Anodized Finish, Add	*15.48*	

08 51 13 00-0238 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0222)*

08 51 13 00-0239	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	3,011.44	110.86
		For 50% Fluoropolymer Finish (Acrynar), Add	*56.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*169.60*	
		For Clear Anodized Finish, Add	*141.33*	
		For Color Anodized Finish, Add	*197.87*	
08 51 13 00-0240	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	3,411.91	117.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*64.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*192.94*	
		For Clear Anodized Finish, Add	*160.78*	
		For Color Anodized Finish, Add	*225.09*	
08 51 13 00-0241	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	3,880.22	124.72
		For 50% Fluoropolymer Finish (Acrynar), Add	*73.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*220.34*	
		For Clear Anodized Finish, Add	*183.62*	
		For Color Anodized Finish, Add	*257.07*	
08 51 13 00-0242	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	251.75	4.16
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.69*	
		For Clear Anodized Finish, Add	*12.24*	
		For Color Anodized Finish, Add	*17.14*	

08 51 13 00-0243 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0244 Aluminum Window Mullions *(08 51 13 00-0243)*

08 51 13 00-0245	LF	Integral Mullions For Aluminum Windows	46.55	5.19
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.22*	
		For Clear Anodized Finish, Add	*1.85*	
		For Color Anodized Finish, Add	*2.58*	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0246			**Aluminum Window Panning** *(08 51 13 00-0243)* Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08 51 13 00-0247		EA	Up To 6 SF Window, Aluminum Window Panning	511.33	44.14
			For 50% Fluoropolymer Finish (Acrynar), Add	*8.76*	
			For 70% Fluoropolymer Finish (Duranar), Add	*26.27*	
			For Clear Anodized Finish, Add	*21.89*	
			For Color Anodized Finish, Add	*30.64*	
08 51 13 00-0248		EA	>6 To 10 SF Window, Aluminum Window Panning	686.95	73.58
			For 50% Fluoropolymer Finish (Acrynar), Add	*11.29*	
			For 70% Fluoropolymer Finish (Duranar), Add	*33.86*	
			For Clear Anodized Finish, Add	*28.22*	
			For Color Anodized Finish, Add	*39.50*	
08 51 13 00-0249		EA	>10 To 15 SF Window, Aluminum Window Panning	801.00	110.36
			For 50% Fluoropolymer Finish (Acrynar), Add	*12.34*	
			For 70% Fluoropolymer Finish (Duranar), Add	*37.02*	
			For Clear Anodized Finish, Add	*30.85*	
			For Color Anodized Finish, Add	*43.19*	
08 51 13 00-0250		EA	>15 To 20 SF Window, Aluminum Window Panning	925.60	147.14
			For 50% Fluoropolymer Finish (Acrynar), Add	*13.61*	
			For 70% Fluoropolymer Finish (Duranar), Add	*40.82*	
			For Clear Anodized Finish, Add	*34.02*	
			For Color Anodized Finish, Add	*47.63*	
08 51 13 00-0251		EA	>20 To 30 SF Window, Aluminum Window Panning	1,169.52	220.72
			For 50% Fluoropolymer Finish (Acrynar), Add	*16.03*	
			For 70% Fluoropolymer Finish (Duranar), Add	*48.10*	
			For Clear Anodized Finish, Add	*40.08*	
			For Color Anodized Finish, Add	*56.12*	
08 51 13 00-0252		SF	>30 SF Window, Aluminum Window Panning	40.37	9.20
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.50*	
			For 70% Fluoropolymer Finish (Duranar), Add	*1.50*	
			For Clear Anodized Finish, Add	*1.25*	
			For Color Anodized Finish, Add	*1.75*	
08 51 13 00-0253			**Aluminum Window Muntins, Grilles Or Dividers** *(08 51 13 00-0243)*		
08 51 13 00-0254		SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	9.30	5.19
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.05*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.14*	
			For Clear Anodized Finish, Add	*0.12*	
			For Color Anodized Finish, Add	*0.17*	
08 51 13 00-0255		SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	16.16	5.19
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.18*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.55*	
			For Clear Anodized Finish, Add	*0.46*	
			For Color Anodized Finish, Add	*0.65*	
08 51 13 00-0256		SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	30.51	5.19
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.26*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.79*	
			For Clear Anodized Finish, Add	*0.66*	
			For Color Anodized Finish, Add	*0.92*	
08 51 13 00-0257		SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	38.10	5.19
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.37*	
			For 70% Fluoropolymer Finish (Duranar), Add	*1.11*	
			For Clear Anodized Finish, Add	*0.92*	
			For Color Anodized Finish, Add	*1.29*	
08 51 13 00-0258			**Other Aluminum Window Accessories** *(08 51 13 00-0243)*		
08 51 13 00-0259		EA	Roto Operator For Casement Aluminum Windows	439.73	23.08
08 51 13 00-0260		EA	Head And Sill Automatic Locks For Hung Aluminum Windows	207.67	23.08
08 51 19			**Stainless-Steel Windows** *(08 51)* See CSI section 08 80 00 00-0000 for glazing.		
08 51 19 00-0001			**Stainless Steel Windows Types** *(08 51 19)*		
08 51 19 00-0002			**Industrial** *(08 51 19 00-0001)*		
08 51 19 00-0003		SF	Stainless Steel Window With Horizontal Pivot Sash	119.06	6.93
08 51 19 00-0004		SF	Stainless Steel Window, Fixed Sash	88.72	6.93
08 51 19 00-0005			**Projected Sash** *(08 51 19 00-0001)*		
08 51 19 00-0006		SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	124.72	6.93
08 51 19 00-0007		SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	138.14	6.93
08 51 19 00-0008			**Other Type Sash** *(08 51 19 00-0001)*		
08 51 19 00-0009		SF	Double Hung Stainless Steel Window Sash	151.52	6.93
08 51 19 00-0010		SF	Single Hung Stainless Steel Window Sash	105.94	6.93
08 51 19 00-0011		SF	Stainless Steel Picture Window Sash	87.82	6.93
08 51 19 00-0012		SF	Sliding Stainless Steel Window	156.43	6.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 19 00-0013		Casements *(08 51 19 00-0001)*		
08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	135.36	6.93
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	116.50	6.93
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	80.91	6.93
08 51 23		**Steel Windows** *(08 51)*		
		Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001		Steel Windows *(08 51 23)*		
08 51 23 00-0002		Industrial *(08 51 23 00-0001)*		
08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	91.14	6.93
08 51 23 00-0004	SF	Industrial Steel Window, With Fixed Sash	81.23	6.93
08 51 23 00-0005	SF	Industrial Steel Window, With Operable Security Sash	131.77	6.93
08 51 23 00-0006	SF	Industrial Steel Window, With Fixed Security Sash	111.95	6.93
08 51 23 00-0007		Projected Sash *(08 51 23 00-0001)*		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	103.60	6.93
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	114.49	6.93
08 51 23 00-0010		Other Type Sash *(08 51 23 00-0001)*		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	133.73	6.93
08 51 23 00-0012	SF	Steel Picture Window Sash	56.16	6.93
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	138.02	8.66
08 51 23 00-0014	SF	Single Hung Steel Window Sash	93.95	6.93
08 51 23 00-0015		Casements *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	119.65	3.46
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	103.18	3.46
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	72.10	5.19
08 51 23 00-0019		Mullions *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	42.26	5.19
08 51 23 00-0021	LF	Covered Steel Mullions	73.40	5.19
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame *(08 51 23)*		
		Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	18.27	
08 51 69		**Metal Storm Windows** *(08 51)*		
08 51 69 00-0001		Storm Windows *(08 51 69)*		
08 51 69 00-0002	SF	Double Hung, Aluminum, Combination Storm And Screen	49.36	3.46

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001		Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)*		
		Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 11 00-0002		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	350.68	
		For Low-E Insulated Glass, Add	*29.63*	
		For Aluminum Clad Exterior, Add	*31.75*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	372.37	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	395.59	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	407.96	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	418.80	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	432.69	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	439.02	
		For Low-E Insulated Glass, Add	*38.38*	
		For Aluminum Clad Exterior, Add	*41.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	466.76	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	489.98	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	

08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	372.37	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	395.59	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	415.57	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	432.69	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	443.54	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	455.92	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	466.76	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	489.98	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	513.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	383.13	
		For Low-E Insulated Glass, Add	*33.04*	
		For Aluminum Clad Exterior, Add	*35.40*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	406.34	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	431.08	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	441.92	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	454.29	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	465.15	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	477.51	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	499.20	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	522.42	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	

08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	397.20	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	420.42	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	445.15	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	457.54	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	468.38	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	480.74	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	491.59	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	514.81	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	538.02	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	

08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	443.54	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	466.76	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	489.98	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	500.82	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	513.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	524.03	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	536.41	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	559.61	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	584.36	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	

08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	454.29	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	477.51	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	499.20	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	511.57	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	522.42	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	534.79	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	545.63	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	570.38	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	593.59	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	468.38	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	491.59	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	514.81	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	525.65	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	538.02	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	548.86	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	561.24	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	585.98	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	609.19	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	491.59	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	514.81	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	538.02	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	548.86	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	561.24	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	573.61	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	585.98	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	609.19	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	632.40	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	513.19	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	536.41	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	559.61	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	571.99	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	584.36	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	595.21	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	607.57	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	630.78	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	652.48	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	

08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	522.42	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	545.63	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	570.38	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	582.75	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	593.59	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	605.95	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	616.81	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	640.02	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	663.22	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	

08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	538.02	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	561.24	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	585.98	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	596.82	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	609.19	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	620.04	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	632.40	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	654.09	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	677.32	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	

08 52 11 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	561.24	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	585.98	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	609.19	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	620.04	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	632.40	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	643.25	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	654.09	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	677.32	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	700.53	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	584.36	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	607.57	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	630.78	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	641.64	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	652.48	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	669.36	
		For Low-E Insulated Glass, Add	*62.02*	
		For Aluminum Clad Exterior, Add	*66.45*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	677.29	
		For Low-E Insulated Glass, Add	*62.68*	
		For Aluminum Clad Exterior, Add	*67.16*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	698.92	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	723.65	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0132		74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	609.19	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	632.40	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	654.09	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	666.47	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	677.32	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	689.68	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	700.53	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	725.27	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	748.48	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	
08 52 11 00-0142		78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	638.86	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	660.57	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	683.78	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	696.15	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	707.00	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	719.36	
		For Low-E Insulated Glass, Add	*66.08*	
		For Aluminum Clad Exterior, Add	*70.80*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	731.73	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	754.95	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	778.17	
		For Low-E Insulated Glass, Add	*72.05*	
		For Aluminum Clad Exterior, Add	*77.20*	

08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	177.65	14.43
		For Insulating Glass, Add	*12.65*	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	165.29	16.05
		For Insulating Glass, Add	*11.32*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	153.32	18.01
		For Insulating Glass, Add	*9.96*	

08 52 11 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 11)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	193.34	14.43
		For Insulating Glass, Add	*13.98*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	173.76	16.04
		For Insulating Glass, Add	*12.04*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	158.28	18.00
		For Insulating Glass, Add	*10.39*	

08 52 11 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*

Note: Includes storage, cleaning and supply materials.

08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	27.84	

08 52 13 Metal-Clad Wood Windows *(08 52)*

08 52 13 00-0001 Double Hung Metal Clad Windows *(08 52 13)*

08 52 13 00-0002 Double Hung Metal Clad Windows *(08 52 13 00-0001)*

Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 13 00-0003 36-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0004	EA	21-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	802.79	53.12
		For Tempered Low-E Insulated Glass, Add	*139.54*	
08 52 13 00-0005	EA	25-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	852.99	54.85
		For Tempered Low-E Insulated Glass, Add	*148.66*	
08 52 13 00-0006	EA	29-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	906.02	57.16
		For Tempered Low-E Insulated Glass, Add	*158.34*	
08 52 13 00-0007	EA	31-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	933.96	58.90
		For Tempered Low-E Insulated Glass, Add	*163.47*	
08 52 13 00-0008	EA	33-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	959.06	60.05
		For Tempered Low-E Insulated Glass, Add	*168.02*	
08 52 13 00-0009	EA	35-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	984.15	61.20
		For Tempered Low-E Insulated Glass, Add	*172.58*	
08 52 13 00-0010	EA	37-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,012.09	61.78
		For Tempered Low-E Insulated Glass, Add	*177.71*	
08 52 13 00-0011	EA	41-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.09
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0012	EA	45-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.40
		For Tempered Low-E Insulated Glass, Add	*196.50*	

08 52 13 00-0013 40-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0014	EA	21-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	852.99	55.43
		For Tempered Low-E Insulated Glass, Add	*148.66*	
08 52 13 00-0015	EA	25-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	906.02	57.16
		For Tempered Low-E Insulated Glass, Add	*158.34*	
08 52 13 00-0016	EA	29-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	959.06	59.47
		For Tempered Low-E Insulated Glass, Add	*168.02*	
08 52 13 00-0017	EA	31-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	984.15	61.20
		For Tempered Low-E Insulated Glass, Add	*172.58*	
08 52 13 00-0018	EA	33-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,012.09	62.35
		For Tempered Low-E Insulated Glass, Add	*177.71*	
08 52 13 00-0019	EA	35-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.19	63.51
		For Tempered Low-E Insulated Glass, Add	*182.26*	
08 52 13 00-0020	EA	37-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.09
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0021	EA	41-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.40
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0022	EA	45-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	68.71
		For Tempered Low-E Insulated Glass, Add	*206.18*	

08 52 13 00-0023 44-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0024	EA	21-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	906.02	57.74
		For Tempered Low-E Insulated Glass, Add	*158.34*	
08 52 13 00-0025	EA	25-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	959.06	59.47
		For Tempered Low-E Insulated Glass, Add	*168.02*	
08 52 13 00-0026	EA	29-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,012.09	61.78
		For Tempered Low-E Insulated Glass, Add	*177.71*	
08 52 13 00-0027	EA	31-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.19	63.51
		For Tempered Low-E Insulated Glass, Add	*182.26*	
08 52 13 00-0028	EA	33-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.67
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0029	EA	35-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,090.20	65.82
		For Tempered Low-E Insulated Glass, Add	*191.94*	
08 52 13 00-0030	EA	37-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.40
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0031	EA	41-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	68.71
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0032	EA	45-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.02
		For Tempered Low-E Insulated Glass, Add	*215.87*	

08 52 13 00-0033 48-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0034	EA	21-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	959.06	60.05
		For Tempered Low-E Insulated Glass, Add	*168.02*	
08 52 13 00-0035	EA	25-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,012.09	61.78
		For Tempered Low-E Insulated Glass, Add	*177.71*	
08 52 13 00-0036	EA	29-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.09
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0037	EA	31-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,090.20	65.82
		For Tempered Low-E Insulated Glass, Add	*191.94*	
08 52 13 00-0038	EA	33-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.98
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0039	EA	35-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,140.39	68.13
		For Tempered Low-E Insulated Glass, Add	*201.06*	
08 52 13 00-0040	EA	37-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	68.71
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0041	EA	41-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.02
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0042	EA	45-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.33
		For Tempered Low-E Insulated Glass, Add	*224.98*	

08 52 13 00-0043 52-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0044	EA	21-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,012.09	62.35
		For Tempered Low-E Insulated Glass, Add	*177.71*	
08 52 13 00-0045	EA	25-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.09
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0046	EA	29-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.40
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0047	EA	31-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,140.39	68.13
		For Tempered Low-E Insulated Glass, Add	*201.06*	
08 52 13 00-0048	EA	33-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	69.28
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0049	EA	35-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,193.43	70.44
		For Tempered Low-E Insulated Glass, Add	*210.74*	
08 52 13 00-0050	EA	37-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.02
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0051	EA	41-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.33
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0052	EA	45-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	75.64
		For Tempered Low-E Insulated Glass, Add	*234.66*	

08 52 13 00-0053 56-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0054	EA	21-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,062.28	64.67
		For Tempered Low-E Insulated Glass, Add	*186.82*	
08 52 13 00-0055	EA	25-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.40
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0056	EA	29-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	68.71
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0057	EA	31-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,193.43	70.44
		For Tempered Low-E Insulated Glass, Add	*210.74*	
08 52 13 00-0058	EA	33-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.60
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0059	EA	35-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,246.46	72.75
		For Tempered Low-E Insulated Glass, Add	*220.42*	
08 52 13 00-0060	EA	37-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.33
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0061	EA	41-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	75.64
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0062	EA	45-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	77.95
		For Tempered Low-E Insulated Glass, Add	*244.34*	

08 52 13 00-0063 60-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0064	EA	21-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,115.29	66.98
		For Tempered Low-E Insulated Glass, Add	*196.50*	
08 52 13 00-0065	EA	25-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	68.71
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0066	EA	29-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.02
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0067	EA	31-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,246.46	72.75
		For Tempered Low-E Insulated Glass, Add	*220.42*	
08 52 13 00-0068	EA	33-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.91
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0069	EA	35-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,299.50	75.06
		For Tempered Low-E Insulated Glass, Add	*230.11*	
08 52 13 00-0070	EA	37-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	75.64
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0071	EA	41-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	77.95
		For Tempered Low-E Insulated Glass, Add	*244.34*	
08 52 13 00-0072	EA	45-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,427.79	80.26
		For Tempered Low-E Insulated Glass, Add	*253.46*	

08 52 13 00-0073 64-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0074	EA	21-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,168.33	69.28
		For Tempered Low-E Insulated Glass, Add	*206.18*	
08 52 13 00-0075	EA	25-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.02
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0076	EA	29-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.33
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0077	EA	31-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,299.50	75.06
		For Tempered Low-E Insulated Glass, Add	*230.11*	
08 52 13 00-0078	EA	33-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	76.21
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0079	EA	35-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,349.68	77.37
		For Tempered Low-E Insulated Glass, Add	*239.22*	
08 52 13 00-0080	EA	37-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	77.95
		For Tempered Low-E Insulated Glass, Add	*244.34*	
08 52 13 00-0081	EA	41-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,427.79	80.26
		For Tempered Low-E Insulated Glass, Add	*253.46*	
08 52 13 00-0082	EA	45-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,480.83	82.56
		For Tempered Low-E Insulated Glass, Add	*263.14*	

08 52 13 00-0083 68-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0084	EA	21-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.37	71.60
		For Tempered Low-E Insulated Glass, Add	*215.87*	
08 52 13 00-0085	EA	25-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.33
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0086	EA	29-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	75.64
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0087	EA	31-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,349.68	77.37
		For Tempered Low-E Insulated Glass, Add	*239.22*	
08 52 13 00-0088	EA	33-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	78.52
		For Tempered Low-E Insulated Glass, Add	*244.34*	
08 52 13 00-0089	EA	35-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,402.70	79.68
		For Tempered Low-E Insulated Glass, Add	*248.90*	
08 52 13 00-0090	EA	37-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,427.79	80.26
		For Tempered Low-E Insulated Glass, Add	*253.46*	
08 52 13 00-0091	EA	41-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,480.83	82.56
		For Tempered Low-E Insulated Glass, Add	*263.14*	
08 52 13 00-0092	EA	45-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,533.88	84.88
		For Tempered Low-E Insulated Glass, Add	*272.82*	

08 52 13 00-0093 72-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0094	EA	21-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.55	73.91
		For Tempered Low-E Insulated Glass, Add	*224.98*	
08 52 13 00-0095	EA	25-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	75.64
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0096	EA	29-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	77.95
		For Tempered Low-E Insulated Glass, Add	*244.34*	
08 52 13 00-0097	EA	31-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,402.70	79.68
		For Tempered Low-E Insulated Glass, Add	*248.90*	
08 52 13 00-0098	EA	33-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,427.79	80.84
		For Tempered Low-E Insulated Glass, Add	*253.46*	
08 52 13 00-0099	EA	35-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,455.74	81.99
		For Tempered Low-E Insulated Glass, Add	*258.58*	
08 52 13 00-0100	EA	37-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,480.83	82.56
		For Tempered Low-E Insulated Glass, Add	*263.14*	
08 52 13 00-0101	EA	41-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,533.88	84.88
		For Tempered Low-E Insulated Glass, Add	*272.82*	
08 52 13 00-0102	EA	45-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,586.90	87.18
		For Tempered Low-E Insulated Glass, Add	*282.51*	

08 52 13 00-0103 76-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0104	EA	21-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.59	76.21
		For Tempered Low-E Insulated Glass, Add	*234.66*	
08 52 13 00-0105	EA	25-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,377.61	77.95
		For Tempered Low-E Insulated Glass, Add	*244.34*	
08 52 13 00-0106	EA	29-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,427.79	80.26
		For Tempered Low-E Insulated Glass, Add	*253.46*	
08 52 13 00-0107	EA	31-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,455.74	81.99
		For Tempered Low-E Insulated Glass, Add	*258.58*	
08 52 13 00-0108	EA	33-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,480.83	83.14
		For Tempered Low-E Insulated Glass, Add	*263.14*	
08 52 13 00-0109	EA	35-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,508.77	84.30
		For Tempered Low-E Insulated Glass, Add	*268.27*	
08 52 13 00-0110	EA	37-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,533.88	84.88
		For Tempered Low-E Insulated Glass, Add	*272.82*	
08 52 13 00-0111	EA	41-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,586.90	87.18
		For Tempered Low-E Insulated Glass, Add	*282.51*	
08 52 13 00-0112	EA	45-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,637.09	89.49
		For Tempered Low-E Insulated Glass, Add	*291.62*	
08 52 13 00-0113		84-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0114	EA	21-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,105.59	80.84
		For Tempered Low-E Insulated Glass, Add	*389.02*	
08 52 13 00-0115	EA	25-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,181.41	82.56
		For Tempered Low-E Insulated Glass, Add	*403.26*	
08 52 13 00-0116	EA	29-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,257.22	84.88
		For Tempered Low-E Insulated Glass, Add	*417.49*	
08 52 13 00-0117	EA	31-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,293.70	86.60
		For Tempered Low-E Insulated Glass, Add	*424.33*	
08 52 13 00-0118	EA	33-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,333.03	87.77
		For Tempered Low-E Insulated Glass, Add	*431.73*	
08 52 13 00-0119	EA	35-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,369.52	88.92
		For Tempered Low-E Insulated Glass, Add	*438.57*	
08 52 13 00-0120	EA	37-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,406.01	89.49
		For Tempered Low-E Insulated Glass, Add	*445.40*	
08 52 13 00-0121	EA	41-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,481.82	91.81
		For Tempered Low-E Insulated Glass, Add	*459.64*	
08 52 13 00-0122	EA	45-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,557.63	94.11
		For Tempered Low-E Insulated Glass, Add	*473.88*	
08 52 13 00-0123		88-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0124	EA	21-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,181.41	83.14
		For Tempered Low-E Insulated Glass, Add	*403.26*	
08 52 13 00-0125	EA	25-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,257.22	84.88
		For Tempered Low-E Insulated Glass, Add	*417.49*	
08 52 13 00-0126	EA	29-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,333.03	87.18
		For Tempered Low-E Insulated Glass, Add	*431.73*	
08 52 13 00-0127	EA	31-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,369.52	88.92
		For Tempered Low-E Insulated Glass, Add	*438.57*	
08 52 13 00-0128	EA	33-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,406.01	90.07
		For Tempered Low-E Insulated Glass, Add	*445.40*	
08 52 13 00-0129	EA	35-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,445.34	91.23
		For Tempered Low-E Insulated Glass, Add	*452.81*	
08 52 13 00-0130	EA	37-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,481.82	91.81
		For Tempered Low-E Insulated Glass, Add	*459.64*	
08 52 13 00-0131	EA	41-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,557.63	94.11
		For Tempered Low-E Insulated Glass, Add	*473.88*	
08 52 13 00-0132	EA	45-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,633.45	96.42
		For Tempered Low-E Insulated Glass, Add	*488.12*	
08 52 13 00-0133		Casement Metal Clad Windows *(08 52 13)*		
08 52 13 00-0134		Casement Metal Clad Windows *(08 52 13 00-0133)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0135		One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0134)*		
08 52 13 00-0136		24-1/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0137	EA	17" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	507.88	43.88
		For Tempered Low-E Insulated Glass, Add	*84.26*	
08 52 13 00-0138	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	537.50	45.04
		For Tempered Low-E Insulated Glass, Add	*89.49*	
08 52 13 00-0139	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	570.42	47.34
		For Tempered Low-E Insulated Glass, Add	*95.14*	
08 52 13 00-0140	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	600.72	49.66
		For Tempered Low-E Insulated Glass, Add	*100.28*	
08 52 13 00-0141		28-3/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0142	EA	17" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	545.17	46.19
		For Tempered Low-E Insulated Glass, Add	*90.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0143	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	574.79	47.34
		For Tempered Low-E Insulated Glass, Add	*96.02*	
08 52 13 00-0144	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	607.71	49.66
		For Tempered Low-E Insulated Glass, Add	*101.68*	
08 52 13 00-0145	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	623.51	51.97
		For Tempered Low-E Insulated Glass, Add	*103.92*	
08 52 13 00-0146	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	662.07	54.27
		For Tempered Low-E Insulated Glass, Add	*110.94*	
08 52 13 00-0147		35-15/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0148	EA	17" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	612.05	49.66
		For Tempered Low-E Insulated Glass, Add	*102.55*	
08 52 13 00-0149	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	643.84	51.97
		For Tempered Low-E Insulated Glass, Add	*108.21*	
08 52 13 00-0150	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	676.77	53.70
		For Tempered Low-E Insulated Glass, Add	*113.88*	
08 52 13 00-0151	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	729.32	56.01
		For Tempered Low-E Insulated Glass, Add	*123.46*	
08 52 13 00-0152	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	779.52	57.74
		For Tempered Low-E Insulated Glass, Add	*132.81*	
08 52 13 00-0153	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	828.74	58.90
		For Tempered Low-E Insulated Glass, Add	*142.19*	
08 52 13 00-0154		40-13/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0155	EA	17" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	657.05	53.12
		For Tempered Low-E Insulated Glass, Add	*110.39*	
08 52 13 00-0156	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	686.63	54.27
		For Tempered Low-E Insulated Glass, Add	*115.62*	
08 52 13 00-0157	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	719.58	56.59
		For Tempered Low-E Insulated Glass, Add	*121.28*	
08 52 13 00-0158	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	796.08	58.90
		For Tempered Low-E Insulated Glass, Add	*135.66*	
08 52 13 00-0159	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	848.72	61.20
		For Tempered Low-E Insulated Glass, Add	*145.49*	
08 52 13 00-0160	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	897.82	63.51
		For Tempered Low-E Insulated Glass, Add	*154.39*	
08 52 13 00-0161		48" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0162	EA	17" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	720.73	57.74
		For Tempered Low-E Insulated Glass, Add	*121.28*	
08 52 13 00-0163	EA	20-1/2" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	752.51	58.90
		For Tempered Low-E Insulated Glass, Add	*126.94*	
08 52 13 00-0164	EA	24-1/8" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	785.44	61.20
		For Tempered Low-E Insulated Glass, Add	*132.61*	
08 52 13 00-0165	EA	28-3/8" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	891.33	63.51
		For Tempered Low-E Insulated Glass, Add	*152.86*	
08 52 13 00-0166	EA	31-1/2" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	932.39	65.82
		For Tempered Low-E Insulated Glass, Add	*160.38*	
08 52 13 00-0167	EA	35-15/16" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	994.16	68.13
		For Tempered Low-E Insulated Glass, Add	*171.81*	
08 52 13 00-0168		52-13/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0169	EA	17" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	764.54	60.05
		For Tempered Low-E Insulated Glass, Add	*129.12*	
08 52 13 00-0170	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	794.15	61.20
		For Tempered Low-E Insulated Glass, Add	*134.35*	
08 52 13 00-0171	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	827.10	63.51
		For Tempered Low-E Insulated Glass, Add	*140.01*	
08 52 13 00-0172	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	958.03	65.82
		For Tempered Low-E Insulated Glass, Add	*165.28*	
08 52 13 00-0173	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,019.74	68.13
		For Tempered Low-E Insulated Glass, Add	*176.93*	
08 52 13 00-0174	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,059.78	70.44
		For Tempered Low-E Insulated Glass, Add	*184.01*	
08 52 13 00-0175		59-7/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0176	EA	17" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	827.10	63.51
		For Tempered Low-E Insulated Glass, Add	*140.01*	
08 52 13 00-0177	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	858.88	65.82
		For Tempered Low-E Insulated Glass, Add	*145.68*	
08 52 13 00-0178	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	891.79	67.55
		For Tempered Low-E Insulated Glass, Add	*151.34*	
08 52 13 00-0179	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,053.25	69.87
		For Tempered Low-E Insulated Glass, Add	*182.70*	
08 52 13 00-0180	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,096.74	71.60
		For Tempered Low-E Insulated Glass, Add	*190.71*	
08 52 13 00-0181	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,154.96	73.91
		For Tempered Low-E Insulated Glass, Add	*201.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0182		**64-13/16" Height, One Operating Sash, Casement Metal Clad Windows** *(08 52 13 00-0135)*		
08 52 13 00-0183	EA	17" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	872.06	66.98
		For Tempered Low-E Insulated Glass, Add	*147.85*	
08 52 13 00-0184	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	901.67	68.13
		For Tempered Low-E Insulated Glass, Add	*153.08*	
08 52 13 00-0185	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	934.61	70.44
		For Tempered Low-E Insulated Glass, Add	*158.75*	
08 52 13 00-0186	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,119.99	72.75
		For Tempered Low-E Insulated Glass, Add	*194.90*	
08 52 13 00-0187	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,160.41	75.06
		For Tempered Low-E Insulated Glass, Add	*202.29*	
08 52 13 00-0188	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,221.74	77.37
		For Tempered Low-E Insulated Glass, Add	*213.63*	
08 52 13 00-0189		**71-7/8" Height, One Operating Sash, Casement Metal Clad Windows** *(08 52 13 00-0135)*		
08 52 13 00-0190	EA	17" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	934.61	70.44
		For Tempered Low-E Insulated Glass, Add	*158.75*	
08 52 13 00-0191	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	966.36	72.75
		For Tempered Low-E Insulated Glass, Add	*164.40*	
08 52 13 00-0192	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	999.31	74.48
		For Tempered Low-E Insulated Glass, Add	*170.07*	
08 52 13 00-0193	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,215.20	76.80
		For Tempered Low-E Insulated Glass, Add	*212.32*	
08 52 13 00-0194	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,264.97	78.52
		For Tempered Low-E Insulated Glass, Add	*221.58*	
08 52 13 00-0195	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,316.94	80.84
		For Tempered Low-E Insulated Glass, Add	*231.06*	
08 52 13 00-0196		**Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0134)*		
08 52 13 00-0197		**24-1/8" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0198	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	919.84	56.59
		For Tempered Low-E Insulated Glass, Add	*161.33*	
08 52 13 00-0199	EA	48" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,047.01	61.20
		For Tempered Low-E Insulated Glass, Add	*184.92*	
08 52 13 00-0200	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,194.70	65.82
		For Tempered Low-E Insulated Glass, Add	*212.61*	
08 52 13 00-0201		**28-3/8" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0202	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	993.57	58.90
		For Tempered Low-E Insulated Glass, Add	*175.16*	
08 52 13 00-0203	EA	48" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,120.75	63.51
		For Tempered Low-E Insulated Glass, Add	*198.74*	
08 52 13 00-0204	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,268.43	68.13
		For Tempered Low-E Insulated Glass, Add	*226.43*	
08 52 13 00-0205		**35-15/16" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0206	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	984.30	58.90
		For Tempered Low-E Insulated Glass, Add	*173.30*	
08 52 13 00-0207	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,114.36	63.51
		For Tempered Low-E Insulated Glass, Add	*197.70*	
08 52 13 00-0208	EA	48" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,249.92	68.13
		For Tempered Low-E Insulated Glass, Add	*222.96*	
08 52 13 00-0209	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,407.25	72.17
		For Tempered Low-E Insulated Glass, Add	*252.58*	
08 52 13 00-0210	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,512.46	75.64
		For Tempered Low-E Insulated Glass, Add	*272.24*	
08 52 13 00-0211	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,688.12	80.84
		For Tempered Low-E Insulated Glass, Add	*305.29*	
08 52 13 00-0212		**40-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0213	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,075.02	61.78
		For Tempered Low-E Insulated Glass, Add	*190.29*	
08 52 13 00-0214	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,205.06	65.82
		For Tempered Low-E Insulated Glass, Add	*214.68*	
08 52 13 00-0215	EA	48" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,340.62	70.44
		For Tempered Low-E Insulated Glass, Add	*239.95*	
08 52 13 00-0216	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,497.99	75.06
		For Tempered Low-E Insulated Glass, Add	*269.57*	
08 52 13 00-0217	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,614.75	78.52
		For Tempered Low-E Insulated Glass, Add	*291.54*	
08 52 13 00-0218	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,112.09	83.72
		For Tempered Low-E Insulated Glass, Add	*388.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0219		**48" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0220	EA	33-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,208.41	66.40
		For Tempered Low-E Insulated Glass, Add	*215.12*	
08 52 13 00-0221	EA	40-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,340.62	70.44
		For Tempered Low-E Insulated Glass, Add	*239.95*	
08 52 13 00-0222	EA	48" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,476.21	75.06
		For Tempered Low-E Insulated Glass, Add	*265.22*	
08 52 13 00-0223	EA	56-1/2" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,633.55	79.68
		For Tempered Low-E Insulated Glass, Add	*294.84*	
08 52 13 00-0224	EA	62-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,745.29	83.14
		For Tempered Low-E Insulated Glass, Add	*315.80*	
08 52 13 00-0225	EA	71-5/8" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,914.39	88.34
		For Tempered Low-E Insulated Glass, Add	*347.54*	
08 52 13 00-0226		**52-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0227	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,297.96	68.71
		For Tempered Low-E Insulated Glass, Add	*232.11*	
08 52 13 00-0228	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,428.02	72.75
		For Tempered Low-E Insulated Glass, Add	*256.50*	
08 52 13 00-0229	EA	48" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,547.42	77.37
		For Tempered Low-E Insulated Glass, Add	*278.54*	
08 52 13 00-0230	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,720.93	81.99
		For Tempered Low-E Insulated Glass, Add	*311.39*	
08 52 13 00-0231	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,838.12	85.45
		For Tempered Low-E Insulated Glass, Add	*333.44*	
08 52 13 00-0232	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,003.96	90.65
		For Tempered Low-E Insulated Glass, Add	*364.53*	
08 52 13 00-0233		**59-7/8" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0234	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,430.19	72.75
		For Tempered Low-E Insulated Glass, Add	*256.94*	
08 52 13 00-0235	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,560.23	77.37
		For Tempered Low-E Insulated Glass, Add	*281.33*	
08 52 13 00-0236	EA	48" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,695.83	81.99
		For Tempered Low-E Insulated Glass, Add	*306.60*	
08 52 13 00-0237	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,853.16	86.03
		For Tempered Low-E Insulated Glass, Add	*336.22*	
08 52 13 00-0238	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,970.35	89.49
		For Tempered Low-E Insulated Glass, Add	*358.27*	
08 52 13 00-0239	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,134.03	94.70
		For Tempered Low-E Insulated Glass, Add	*388.93*	
08 52 13 00-0240		**64-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0241	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,520.89	75.64
		For Tempered Low-E Insulated Glass, Add	*273.92*	
08 52 13 00-0242	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,650.96	79.68
		For Tempered Low-E Insulated Glass, Add	*298.32*	
08 52 13 00-0243	EA	48" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,788.68	84.30
		For Tempered Low-E Insulated Glass, Add	*324.02*	
08 52 13 00-0244	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,946.06	88.92
		For Tempered Low-E Insulated Glass, Add	*353.64*	
08 52 13 00-0245		**71-7/8" Height, Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0196)*		
08 52 13 00-0246	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,653.13	79.68
		For Tempered Low-E Insulated Glass, Add	*298.75*	
08 52 13 00-0247	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,783.19	84.30
		For Tempered Low-E Insulated Glass, Add	*323.15*	
08 52 13 00-0248	EA	48" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,918.76	88.92
		For Tempered Low-E Insulated Glass, Add	*348.42*	
08 52 13 00-0249	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,076.10	92.96
		For Tempered Low-E Insulated Glass, Add	*378.04*	
08 52 13 00-0250		**One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0134)*		
08 52 13 00-0251		**24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows** *(08 52 13 00-0250)*		
08 52 13 00-0252	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,466.51	74.48
		For Tempered Low-E Insulated Glass, Add	*263.51*	
08 52 13 00-0253	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,708.26	81.99
		For Tempered Low-E Insulated Glass, Add	*308.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0254		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0255	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,557.41	76.80
		For Tempered Low-E Insulated Glass, Add	*280.77*	
08 52 13 00-0256	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,782.99	84.30
		For Tempered Low-E Insulated Glass, Add	*322.88*	
08 52 13 00-0257		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0258	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,498.42	75.06
		For Tempered Low-E Insulated Glass, Add	*269.66*	
08 52 13 00-0259	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,692.46	80.84
		For Tempered Low-E Insulated Glass, Add	*306.16*	
08 52 13 00-0260	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,931.83	88.92
		For Tempered Low-E Insulated Glass, Add	*351.03*	
08 52 13 00-0261		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0262	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,584.71	78.52
		For Tempered Low-E Insulated Glass, Add	*285.76*	
08 52 13 00-0263	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,785.36	83.72
		For Tempered Low-E Insulated Glass, Add	*323.58*	
08 52 13 00-0264	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,022.53	91.23
		For Tempered Low-E Insulated Glass, Add	*368.02*	
08 52 13 00-0265		48" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0266	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,918.76	88.34
		For Tempered Low-E Insulated Glass, Add	*348.42*	
08 52 13 00-0267	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,155.92	95.85
		For Tempered Low-E Insulated Glass, Add	*392.85*	
08 52 13 00-0268		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0269	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,008.33	90.65
		For Tempered Low-E Insulated Glass, Add	*365.41*	
08 52 13 00-0270	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,245.50	98.16
		For Tempered Low-E Insulated Glass, Add	*409.84*	
08 52 13 00-0271		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0272	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,138.37	94.70
		For Tempered Low-E Insulated Glass, Add	*389.80*	
08 52 13 00-0273	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,377.73	102.78
		For Tempered Low-E Insulated Glass, Add	*434.67*	
08 52 13 00-0274		Awning Metal Clad Windows *(08 52 13)*		
08 52 13 00-0275		Awning Metal Clad Windows *(08 52 13 00-0274)* Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0276		Venting, Awning Metal Clad Windows *(08 52 13 00-0275)*		
08 52 13 00-0277		17" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*		
08 52 13 00-0278	EA	24-1/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	549.67	47.34
		For Tempered Low-E Insulated Glass, Add	*90.99*	
08 52 13 00-0279	EA	28-3/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	589.11	49.66
		For Tempered Low-E Insulated Glass, Add	*97.96*	
08 52 13 00-0280	EA	31-1/2" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	621.55	51.38
		For Tempered Low-E Insulated Glass, Add	*103.75*	
08 52 13 00-0281	EA	35-15/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	662.53	53.70
		For Tempered Low-E Insulated Glass, Add	*111.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0282	EA	40-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	709.70	56.59
		For Tempered Low-E Insulated Glass, Add	*119.31*	
08 52 13 00-0283	EA	48" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	782.08	61.20
		For Tempered Low-E Insulated Glass, Add	*131.94*	
08 52 13 00-0284	EA	52-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	828.10	63.51
		For Tempered Low-E Insulated Glass, Add	*140.21*	
08 52 13 00-0285	EA	59-7/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	894.99	68.13
		For Tempered Low-E Insulated Glass, Add	*151.98*	
08 52 13 00-0286	EA	64-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	919.39	70.44
		For Tempered Low-E Insulated Glass, Add	*155.70*	
08 52 13 00-0287	EA	71-7/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	985.56	74.48
		For Tempered Low-E Insulated Glass, Add	*167.32*	

08 52 13 00-0288 20-1/2" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0289	EA	24-1/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	580.33	49.66
		For Tempered Low-E Insulated Glass, Add	*96.43*	
08 52 13 00-0290	EA	28-3/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	623.09	51.97
		For Tempered Low-E Insulated Glass, Add	*104.06*	
08 52 13 00-0291	EA	31-1/2" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	650.86	53.12
		For Tempered Low-E Insulated Glass, Add	*108.92*	
08 52 13 00-0292	EA	35-15/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	696.49	55.43
		For Tempered Low-E Insulated Glass, Add	*117.13*	
08 52 13 00-0293	EA	40-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	743.65	58.90
		For Tempered Low-E Insulated Glass, Add	*125.40*	
08 52 13 00-0294	EA	48" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	813.87	62.94
		For Tempered Low-E Insulated Glass, Add	*137.60*	
08 52 13 00-0295	EA	52-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.88	65.82
		For Tempered Low-E Insulated Glass, Add	*145.88*	
08 52 13 00-0296	EA	59-7/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	928.94	69.28
		For Tempered Low-E Insulated Glass, Add	*158.07*	
08 52 13 00-0297	EA	64-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	950.82	72.75
		For Tempered Low-E Insulated Glass, Add	*161.30*	
08 52 13 00-0298	EA	71-7/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,019.13	76.21
		For Tempered Low-E Insulated Glass, Add	*173.34*	
08 52 13 00-0299	EA	84-5/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,587.27	84.30
		For Tempered Low-E Insulated Glass, Add	*283.97*	

08 52 13 00-0300 24-1/8" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0301	EA	24-1/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	618.72	51.97
		For Tempered Low-E Insulated Glass, Add	*103.19*	
08 52 13 00-0302	EA	28-3/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	658.19	54.27
		For Tempered Low-E Insulated Glass, Add	*110.16*	
08 52 13 00-0303	EA	31-1/2" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	822.65	55.43
		For Tempered Low-E Insulated Glass, Add	*142.36*	
08 52 13 00-0304	EA	35-15/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	879.72	57.74
		For Tempered Low-E Insulated Glass, Add	*152.85*	
08 52 13 00-0305	EA	40-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	778.76	61.20
		For Tempered Low-E Insulated Glass, Add	*131.50*	
08 52 13 00-0306	EA	48" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	851.17	65.24
		For Tempered Low-E Insulated Glass, Add	*144.14*	
08 52 13 00-0307	EA	52-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	897.16	68.13
		For Tempered Low-E Insulated Glass, Add	*152.41*	
08 52 13 00-0308	EA	59-7/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	966.24	71.60
		For Tempered Low-E Insulated Glass, Add	*164.61*	
08 52 13 00-0309	EA	64-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	985.56	75.06
		For Tempered Low-E Insulated Glass, Add	*167.32*	
08 52 13 00-0310	EA	71-7/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,051.61	78.52
		For Tempered Low-E Insulated Glass, Add	*178.91*	
08 52 13 00-0311	EA	84-5/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,671.31	86.60
		For Tempered Low-E Insulated Glass, Add	*299.85*	

08 52 13 00-0312 28-3/8" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0313	EA	24-1/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	616.80	54.27
		For Tempered Low-E Insulated Glass, Add	*101.88*	
08 52 13 00-0314	EA	28-3/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	813.63	56.59
		For Tempered Low-E Insulated Glass, Add	*140.32*	
08 52 13 00-0315	EA	31-1/2" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	861.90	57.74
		For Tempered Low-E Insulated Glass, Add	*149.29*	
08 52 13 00-0316	EA	35-15/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	790.68	60.05
		For Tempered Low-E Insulated Glass, Add	*134.12*	
08 52 13 00-0317	EA	40-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	863.97	63.51
		For Tempered Low-E Insulated Glass, Add	*147.62*	
08 52 13 00-0318	EA	48" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	971.21	67.55
		For Tempered Low-E Insulated Glass, Add	*167.22*	
08 52 13 00-0319	EA	52-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,041.18	70.44
		For Tempered Low-E Insulated Glass, Add	*180.29*	
08 52 13 00-0320	EA	59-7/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,147.28	73.91
		For Tempered Low-E Insulated Glass, Add	*199.89*	
08 52 13 00-0321	EA	64-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,185.85	77.37
		For Tempered Low-E Insulated Glass, Add	*206.45*	
08 52 13 00-0322	EA	71-7/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,288.54	80.84
		For Tempered Low-E Insulated Glass, Add	*225.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0323	EA	84-5/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,716.73	88.92
		For Tempered Low-E Insulated Glass, Add	*308.01*	

08 52 13 00-0324 31-1/2" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0325	EA	28-3/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	717.35	57.74
		For Tempered Low-E Insulated Glass, Add	*120.38*	
08 52 13 00-0326	EA	31-1/2" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	759.61	59.47
		For Tempered Low-E Insulated Glass, Add	*128.13*	
08 52 13 00-0327	EA	35-15/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	817.80	61.78
		For Tempered Low-E Insulated Glass, Add	*138.85*	
08 52 13 00-0328	EA	40-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	882.67	64.67
		For Tempered Low-E Insulated Glass, Add	*150.67*	
08 52 13 00-0329	EA	48" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	976.90	69.28
		For Tempered Low-E Insulated Glass, Add	*167.67*	
08 52 13 00-0330	EA	52-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,042.47	71.60
		For Tempered Low-E Insulated Glass, Add	*179.86*	
08 52 13 00-0331	EA	59-7/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,135.50	76.21
		For Tempered Low-E Insulated Glass, Add	*196.85*	
08 52 13 00-0332	EA	64-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,200.41	78.52
		For Tempered Low-E Insulated Glass, Add	*208.67*	
08 52 13 00-0333	EA	71-7/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,295.29	82.56
		For Tempered Low-E Insulated Glass, Add	*226.03*	
08 52 13 00-0334	EA	84-5/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,832.51	90.07
		For Tempered Low-E Insulated Glass, Add	*330.47*	

08 52 13 00-0335 35-15/16" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0336	EA	31-1/2" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	817.80	61.78
		For Tempered Low-E Insulated Glass, Add	*138.85*	
08 52 13 00-0337	EA	35-15/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	901.13	64.09
		For Tempered Low-E Insulated Glass, Add	*154.59*	
08 52 13 00-0338	EA	40-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	974.43	66.98
		For Tempered Low-E Insulated Glass, Add	*168.09*	
08 52 13 00-0339	EA	48" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,081.66	71.60
		For Tempered Low-E Insulated Glass, Add	*187.69*	
08 52 13 00-0340	EA	52-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,153.79	73.91
		For Tempered Low-E Insulated Glass, Add	*201.20*	
08 52 13 00-0341	EA	59-7/8" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,257.72	78.52
		For Tempered Low-E Insulated Glass, Add	*220.36*	
08 52 13 00-0342	EA	64-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,092.86	80.84
		For Tempered Low-E Insulated Glass, Add	*186.24*	
08 52 13 00-0343	EA	71-7/8" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,174.06	84.88
		For Tempered Low-E Insulated Glass, Add	*200.86*	

08 52 13 00-0344 40-3/4" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0345	EA	35-15/16" x 40-3/4", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	955.57	66.98
		For Tempered Low-E Insulated Glass, Add	*165.48*	
08 52 13 00-0346	EA	40-13/16" x 40-3/4", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,088.20	71.60
		For Tempered Low-E Insulated Glass, Add	*189.00*	

08 52 13 00-0347 48" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0348	EA	35-15/16" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,147.00	71.60
		For Tempered Low-E Insulated Glass, Add	*200.76*	
08 52 13 00-0349	EA	40-13/16" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,272.57	75.06
		For Tempered Low-E Insulated Glass, Add	*224.72*	
08 52 13 00-0350	EA	48" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,456.05	79.10
		For Tempered Low-E Insulated Glass, Add	*259.57*	

08 52 13 00-0351 59-13/16" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0352	EA	35-15/16" x 59-13/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,424.97	77.95
		For Tempered Low-E Insulated Glass, Add	*253.81*	
08 52 13 00-0353	EA	40-13/16" x 59-13/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,534.75	80.84
		For Tempered Low-E Insulated Glass, Add	*274.62*	

08 52 13 00-0354 71-7/8" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0355	EA	24-1/8" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,561.34	78.52
		For Tempered Low-E Insulated Glass, Add	*280.86*	
08 52 13 00-0356	EA	35-15/16" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,613.76	84.88
		For Tempered Low-E Insulated Glass, Add	*288.80*	
08 52 13 00-0357	EA	40-13/16" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,788.75	87.77
		For Tempered Low-E Insulated Glass, Add	*322.65*	
08 52 13 00-0358	EA	48" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,966.80	92.38
		For Tempered Low-E Insulated Glass, Add	*356.41*	

08 52 13 00-0359 Stationary, Awning Metal Clad Windows *(08 52 13 00-0275)*

08 52 13 00-0360 17" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0361	EA	24-1/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	482.13	47.34
		For Tempered Low-E Insulated Glass, Add	*77.49*	
08 52 13 00-0362	EA	28-3/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	519.42	49.66
		For Tempered Low-E Insulated Glass, Add	*84.02*	
08 52 13 00-0363	EA	31-1/2" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	543.94	51.38
		For Tempered Low-E Insulated Glass, Add	*88.23*	
08 52 13 00-0364	EA	35-15/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	584.14	53.70
		For Tempered Low-E Insulated Glass, Add	*95.35*	
08 52 13 00-0365	EA	40-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	626.94	56.59
		For Tempered Low-E Insulated Glass, Add	*102.75*	
08 52 13 00-0366	EA	48" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	692.78	61.20
		For Tempered Low-E Insulated Glass, Add	*114.08*	
08 52 13 00-0367	EA	52-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	732.27	63.51
		For Tempered Low-E Insulated Glass, Add	*121.05*	
08 52 13 00-0368	EA	59-7/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	794.79	68.13
		For Tempered Low-E Insulated Glass, Add	*131.94*	
08 52 13 00-0369	EA	64-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	837.59	70.44
		For Tempered Low-E Insulated Glass, Add	*139.34*	
08 52 13 00-0370	EA	71-7/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	900.14	74.48
		For Tempered Low-E Insulated Glass, Add	*150.23*	

08 52 13 00-0371 20-1/2" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

08 52 13 00-0372	EA	24-1/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	511.73	49.66
		For Tempered Low-E Insulated Glass, Add	*82.71*	
08 52 13 00-0373	EA	28-3/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	549.01	51.97
		For Tempered Low-E Insulated Glass, Add	*89.25*	
08 52 13 00-0374	EA	31-1/2" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	571.43	53.12
		For Tempered Low-E Insulated Glass, Add	*93.04*	
08 52 13 00-0375	EA	35-15/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	615.90	55.43
		For Tempered Low-E Insulated Glass, Add	*101.01*	
08 52 13 00-0376	EA	40-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	658.70	58.90
		For Tempered Low-E Insulated Glass, Add	*108.41*	
08 52 13 00-0377	EA	48" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	722.40	62.94
		For Tempered Low-E Insulated Glass, Add	*119.31*	
08 52 13 00-0378	EA	52-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	764.05	65.82
		For Tempered Low-E Insulated Glass, Add	*126.71*	
08 52 13 00-0379	EA	59-7/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	824.40	69.28
		For Tempered Low-E Insulated Glass, Add	*137.17*	
08 52 13 00-0380	EA	64-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	869.36	72.75
		For Tempered Low-E Insulated Glass, Add	*145.00*	
08 52 13 00-0381	EA	71-7/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	929.72	76.21
		For Tempered Low-E Insulated Glass, Add	*155.46*	

08 52 13 00-0382 24-1/8" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

08 52 13 00-0383	EA	24-1/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	544.67	51.97
		For Tempered Low-E Insulated Glass, Add	*88.38*	
08 52 13 00-0384	EA	28-3/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	581.94	54.27
		For Tempered Low-E Insulated Glass, Add	*94.91*	
08 52 13 00-0385	EA	31-1/2" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	601.90	55.43
		For Tempered Low-E Insulated Glass, Add	*98.21*	
08 52 13 00-0386	EA	35-15/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	646.66	57.74
		For Tempered Low-E Insulated Glass, Add	*106.24*	
08 52 13 00-0387	EA	40-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	689.46	61.20
		For Tempered Low-E Insulated Glass, Add	*113.64*	
08 52 13 00-0388	EA	48" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	753.14	65.24
		For Tempered Low-E Insulated Glass, Add	*124.53*	
08 52 13 00-0389	EA	52-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	794.79	68.13
		For Tempered Low-E Insulated Glass, Add	*131.94*	
08 52 13 00-0390	EA	59-7/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	857.34	71.60
		For Tempered Low-E Insulated Glass, Add	*142.83*	
08 52 13 00-0391	EA	64-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	900.14	75.06
		For Tempered Low-E Insulated Glass, Add	*150.23*	
08 52 13 00-0392	EA	71-7/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	962.66	78.52
		For Tempered Low-E Insulated Glass, Add	*161.12*	

08 52 13 00-0393 28-3/8" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

08 52 13 00-0394	EA	24-1/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	547.11	54.27
		For Tempered Low-E Insulated Glass, Add	*87.94*	
08 52 13 00-0395	EA	28-3/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	597.47	56.59
		For Tempered Low-E Insulated Glass, Add	*97.09*	
08 52 13 00-0396	EA	31-1/2" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	624.99	57.74
		For Tempered Low-E Insulated Glass, Add	*101.90*	
08 52 13 00-0397	EA	35-15/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	651.29	60.05
		For Tempered Low-E Insulated Glass, Add	*106.24*	
08 52 13 00-0398	EA	40-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	746.35	63.51
		For Tempered Low-E Insulated Glass, Add	*124.10*	
08 52 13 00-0399	EA	48" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	831.82	67.55
		For Tempered Low-E Insulated Glass, Add	*139.34*	
08 52 13 00-0400	EA	52-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	888.73	70.44
		For Tempered Low-E Insulated Glass, Add	*149.80*	
08 52 13 00-0401	EA	59-7/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	973.03	73.91
		For Tempered Low-E Insulated Glass, Add	*165.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0402	EA	64-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,033.24	77.37
		For Tempered Low-E Insulated Glass, Add	*175.93*	
08 52 13 00-0403	EA	71-7/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,117.57	80.84
		For Tempered Low-E Insulated Glass, Add	*191.18*	

08 52 13 00-0404 31-1/2" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

08 52 13 00-0405	EA	28-3/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	624.99	57.74
		For Tempered Low-E Insulated Glass, Add	*101.90*	
08 52 13 00-0406	EA	31-1/2" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	659.87	59.47
		For Tempered Low-E Insulated Glass, Add	*108.19*	
08 52 13 00-0407	EA	35-15/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	706.96	61.78
		For Tempered Low-E Insulated Glass, Add	*116.68*	
08 52 13 00-0408	EA	40-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	760.77	64.67
		For Tempered Low-E Insulated Glass, Add	*126.29*	
08 52 13 00-0409	EA	48" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	838.34	69.28
		For Tempered Low-E Insulated Glass, Add	*139.95*	
08 52 13 00-0410	EA	52-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	891.00	71.60
		For Tempered Low-E Insulated Glass, Add	*149.56*	
08 52 13 00-0411	EA	59-7/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	967.41	76.21
		For Tempered Low-E Insulated Glass, Add	*163.23*	
08 52 13 00-0412	EA	64-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,019.38	78.52
		For Tempered Low-E Insulated Glass, Add	*172.47*	
08 52 13 00-0413	EA	71-7/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,095.82	82.56
		For Tempered Low-E Insulated Glass, Add	*186.14*	

08 52 13 00-0414 35-15/16" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*

08 52 13 00-0415	EA	31-1/2" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	706.96	61.78
		For Tempered Low-E Insulated Glass, Add	*116.68*	
08 52 13 00-0416	EA	35-15/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	776.98	64.09
		For Tempered Low-E Insulated Glass, Add	*129.76*	
08 52 13 00-0417	EA	40-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	835.03	66.98
		For Tempered Low-E Insulated Glass, Add	*140.21*	
08 52 13 00-0418	EA	48" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	922.68	71.60
		For Tempered Low-E Insulated Glass, Add	*155.90*	
08 52 13 00-0419	EA	52-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	979.57	73.91
		For Tempered Low-E Insulated Glass, Add	*166.35*	
08 52 13 00-0420	EA	59-7/8" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,063.88	78.52
		For Tempered Low-E Insulated Glass, Add	*181.60*	
08 52 13 00-0421	EA	64-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,121.91	80.84
		For Tempered Low-E Insulated Glass, Add	*192.05*	
08 52 13 00-0422	EA	71-7/8" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,206.26	84.88
		For Tempered Low-E Insulated Glass, Add	*207.30*	

08 52 13 00-0423 Horizontal Sliding Metal Clad Windows *(08 52 13)*

08 52 13 00-0424 One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0423)*

Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 13 00-0425 17-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0426	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	680.38	61.20
		For Tempered Low-E Insulated Glass, Add	*111.83*	

08 52 13 00-0427 23-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0428	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	625.06	56.59
		For Tempered Low-E Insulated Glass, Add	*102.15*	
08 52 13 00-0429	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	732.99	64.67
		For Tempered Low-E Insulated Glass, Add	*120.96*	

08 52 13 00-0430 35-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0431	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	732.99	64.67
		For Tempered Low-E Insulated Glass, Add	*120.96*	
08 52 13 00-0432	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	840.94	71.60
		For Tempered Low-E Insulated Glass, Add	*139.78*	
08 52 13 00-0433	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	948.87	77.95
		For Tempered Low-E Insulated Glass, Add	*158.59*	
08 52 13 00-0434	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,056.83	84.88
		For Tempered Low-E Insulated Glass, Add	*177.41*	

08 52 13 00-0435 41-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0436	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	788.31	68.13
		For Tempered Low-E Insulated Glass, Add	*130.64*	
08 52 13 00-0437	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	893.55	75.06
		For Tempered Low-E Insulated Glass, Add	*148.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0438	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,001.51	81.41
		For Tempered Low-E Insulated Glass, Add	*167.74*	
08 52 13 00-0439	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,203.52	88.34
		For Tempered Low-E Insulated Glass, Add	*205.37*	
08 52 13 00-0440		**47-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0424)*		
08 52 13 00-0441	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	840.94	71.60
		For Tempered Low-E Insulated Glass, Add	*139.78*	
08 52 13 00-0442	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	948.87	78.52
		For Tempered Low-E Insulated Glass, Add	*158.59*	
08 52 13 00-0443	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,056.83	84.88
		For Tempered Low-E Insulated Glass, Add	*177.41*	
08 52 13 00-0444	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,164.74	91.81
		For Tempered Low-E Insulated Glass, Add	*196.23*	
08 52 13 00-0445		**53-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0424)*		
08 52 13 00-0446	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,001.51	81.99
		For Tempered Low-E Insulated Glass, Add	*167.74*	
08 52 13 00-0447	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,109.43	88.34
		For Tempered Low-E Insulated Glass, Add	*186.55*	
08 52 13 00-0448	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,217.37	95.27
		For Tempered Low-E Insulated Glass, Add	*205.37*	
08 52 13 00-0449		**59-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0424)*		
08 52 13 00-0450	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,056.83	85.45
		For Tempered Low-E Insulated Glass, Add	*177.41*	
08 52 13 00-0451	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,164.74	91.81
		For Tempered Low-E Insulated Glass, Add	*196.23*	
08 52 13 00-0452	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,272.88	98.74
		For Tempered Low-E Insulated Glass, Add	*215.08*	
08 52 13 00-0453		**Two Operating Sashes, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0423)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0454		**22-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0453)*		
08 52 13 00-0455	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,568.27	56.59
		For Tempered Low-E Insulated Glass, Add	*290.79*	
08 52 13 00-0456	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,869.77	64.67
		For Tempered Low-E Insulated Glass, Add	*348.32*	
08 52 13 00-0457		**35-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0453)*		
08 52 13 00-0458	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,893.96	64.67
		For Tempered Low-E Insulated Glass, Add	*353.16*	
08 52 13 00-0459	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,198.14	71.60
		For Tempered Low-E Insulated Glass, Add	*411.22*	
08 52 13 00-0460	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,499.61	77.95
		For Tempered Low-E Insulated Glass, Add	*468.74*	
08 52 13 00-0461	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,801.10	84.88
		For Tempered Low-E Insulated Glass, Add	*526.27*	
08 52 13 00-0462		**41-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0453)*		
08 52 13 00-0463	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,046.04	68.13
		For Tempered Low-E Insulated Glass, Add	*382.19*	
08 52 13 00-0464	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,347.53	75.06
		For Tempered Low-E Insulated Glass, Add	*439.71*	
08 52 13 00-0465	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,651.71	81.41
		For Tempered Low-E Insulated Glass, Add	*497.78*	
08 52 13 00-0466	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,953.17	88.34
		For Tempered Low-E Insulated Glass, Add	*555.30*	
08 52 13 00-0467		**47-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows** *(08 52 13 00-0453)*		
08 52 13 00-0468	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,198.14	71.60
		For Tempered Low-E Insulated Glass, Add	*411.22*	
08 52 13 00-0469	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,499.61	78.52
		For Tempered Low-E Insulated Glass, Add	*468.74*	
08 52 13 00-0470	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,801.10	84.88
		For Tempered Low-E Insulated Glass, Add	*526.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0471	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	3,105.23	91.81
		For Tempered Low-E Insulated Glass, Add	*584.33*	
08 52 13 00-0472		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*		
08 52 13 00-0473	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,499.61	78.52
		For Tempered Low-E Insulated Glass, Add	*468.74*	
08 52 13 00-0474	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,801.10	85.45
		For Tempered Low-E Insulated Glass, Add	*526.27*	
08 52 13 00-0475	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	3,105.23	91.81
		For Tempered Low-E Insulated Glass, Add	*584.33*	
08 52 13 00-0476	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	3,406.73	98.74
		For Tempered Low-E Insulated Glass, Add	*641.85*	
08 52 13 00-0477		Picture Metal Clad Windows *(08 52 13)*		
08 52 13 00-0478		Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0477)*		
08 52 13 00-0479		Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0478)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0480		12" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0481	EA	40-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	535.93	46.19
		For Tempered Low-E Insulated Glass, Add	*88.71*	
08 52 13 00-0482	EA	48" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	629.19	50.81
		For Tempered Low-E Insulated Glass, Add	*105.52*	
08 52 13 00-0483	EA	52-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	669.00	53.12
		For Tempered Low-E Insulated Glass, Add	*112.55*	
08 52 13 00-0484	EA	59-7/8" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	725.93	57.74
		For Tempered Low-E Insulated Glass, Add	*122.32*	
08 52 13 00-0485	EA	64-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	764.92	60.05
		For Tempered Low-E Insulated Glass, Add	*128.96*	
08 52 13 00-0486	EA	71-7/8" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	821.85	64.67
		For Tempered Low-E Insulated Glass, Add	*138.73*	
08 52 13 00-0487		35-15/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0488	EA	35-15/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	591.71	56.59
		For Tempered Low-E Insulated Glass, Add	*95.71*	
08 52 13 00-0489	EA	40-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	687.89	60.05
		For Tempered Low-E Insulated Glass, Add	*113.79*	
08 52 13 00-0490	EA	48" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	829.44	64.09
		For Tempered Low-E Insulated Glass, Add	*140.25*	
08 52 13 00-0491	EA	52-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	922.27	66.40
		For Tempered Low-E Insulated Glass, Add	*157.89*	
08 52 13 00-0492	EA	59-7/8" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,060.47	70.44
		For Tempered Low-E Insulated Glass, Add	*183.92*	
08 52 13 00-0493	EA	64-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,156.65	73.33
		For Tempered Low-E Insulated Glass, Add	*202.00*	
08 52 13 00-0494	EA	71-7/8" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,735.91	77.37
		For Tempered Low-E Insulated Glass, Add	*316.23*	
08 52 13 00-0495		40-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0496	EA	35-15/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	687.89	60.05
		For Tempered Low-E Insulated Glass, Add	*113.79*	
08 52 13 00-0497	EA	40-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	784.07	62.35
		For Tempered Low-E Insulated Glass, Add	*131.87*	
08 52 13 00-0498	EA	48" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	925.63	66.98
		For Tempered Low-E Insulated Glass, Add	*158.33*	
08 52 13 00-0499	EA	52-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,018.45	69.28
		For Tempered Low-E Insulated Glass, Add	*175.98*	
08 52 13 00-0500	EA	59-7/8" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,156.65	73.91
		For Tempered Low-E Insulated Glass, Add	*202.00*	

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08 52 13 00-0501	EA	64-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,252.84	76.21
		For Tempered Low-E Insulated Glass, Add	*220.08*	
08 52 13 00-0502	EA	71-7/8" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,391.04	80.84
		For Tempered Low-E Insulated Glass, Add	*246.11*	

08 52 13 00-0503 48" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*

08 52 13 00-0504	EA	35-15/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	829.44	64.67
		For Tempered Low-E Insulated Glass, Add	*140.25*	
08 52 13 00-0505	EA	40-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	925.63	66.98
		For Tempered Low-E Insulated Glass, Add	*158.33*	
08 52 13 00-0506	EA	48" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,067.18	71.60
		For Tempered Low-E Insulated Glass, Add	*184.80*	
08 52 13 00-0507	EA	52-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,160.01	73.91
		For Tempered Low-E Insulated Glass, Add	*202.44*	
08 52 13 00-0508	EA	59-7/8" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,298.22	78.52
		For Tempered Low-E Insulated Glass, Add	*228.46*	
08 52 13 00-0509	EA	64-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,394.38	80.84
		For Tempered Low-E Insulated Glass, Add	*246.54*	
08 52 13 00-0510	EA	71-7/8" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,532.60	85.45
		For Tempered Low-E Insulated Glass, Add	*272.57*	

08 52 13 00-0511 52-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*

08 52 13 00-0512	EA	35-15/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	922.27	66.98
		For Tempered Low-E Insulated Glass, Add	*157.89*	
08 52 13 00-0513	EA	40-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,018.45	69.28
		For Tempered Low-E Insulated Glass, Add	*175.98*	
08 52 13 00-0514	EA	48" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,160.01	73.91
		For Tempered Low-E Insulated Glass, Add	*202.44*	
08 52 13 00-0515	EA	52-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,252.84	76.21
		For Tempered Low-E Insulated Glass, Add	*220.08*	
08 52 13 00-0516	EA	59-7/8" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,391.04	80.84
		For Tempered Low-E Insulated Glass, Add	*246.11*	
08 52 13 00-0517	EA	64-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,487.22	83.14
		For Tempered Low-E Insulated Glass, Add	*264.19*	
08 52 13 00-0518	EA	71-7/8" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,755.54	87.77
		For Tempered Low-E Insulated Glass, Add	*316.23*	

08 52 13 00-0519 59-7/8" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*

08 52 13 00-0520	EA	35-15/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,060.47	70.44
		For Tempered Low-E Insulated Glass, Add	*183.92*	
08 52 13 00-0521	EA	40-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,156.65	73.91
		For Tempered Low-E Insulated Glass, Add	*202.00*	
08 52 13 00-0522	EA	48" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,298.22	77.95
		For Tempered Low-E Insulated Glass, Add	*228.46*	
08 52 13 00-0523	EA	52-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,391.04	80.26
		For Tempered Low-E Insulated Glass, Add	*246.11*	
08 52 13 00-0524	EA	59-7/8" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,529.23	84.30
		For Tempered Low-E Insulated Glass, Add	*272.13*	
08 52 13 00-0525	EA	64-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,625.42	87.18
		For Tempered Low-E Insulated Glass, Add	*290.21*	
08 52 13 00-0526	EA	71-7/8" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,763.62	91.23
		For Tempered Low-E Insulated Glass, Add	*316.23*	

08 52 13 00-0527 64-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*

08 52 13 00-0528	EA	35-15/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,156.65	73.91
		For Tempered Low-E Insulated Glass, Add	*202.00*	

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08 52 13 00-0529	EA	40-13/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,252.84	76.21
		For Tempered Low-E Insulated Glass, Add	*220.08*	
08 52 13 00-0530	EA	48" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,394.38	80.84
		For Tempered Low-E Insulated Glass, Add	*246.54*	
08 52 13 00-0531	EA	52-13/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,487.22	83.14
		For Tempered Low-E Insulated Glass, Add	*264.19*	
08 52 13 00-0532	EA	59-7/8" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,755.54	87.77
		For Tempered Low-E Insulated Glass, Add	*316.23*	
08 52 13 00-0533		71-7/8" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0534	EA	35-15/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,294.86	77.37
		For Tempered Low-E Insulated Glass, Add	*228.02*	
08 52 13 00-0535	EA	40-13/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,391.04	80.84
		For Tempered Low-E Insulated Glass, Add	*246.11*	
08 52 13 00-0536	EA	48" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,532.60	84.88
		For Tempered Low-E Insulated Glass, Add	*272.57*	
08 52 13 00-0537	EA	52-13/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,625.42	87.18
		For Tempered Low-E Insulated Glass, Add	*290.21*	
08 52 13 00-0538	EA	59-7/8" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,763.62	91.23
		For Tempered Low-E Insulated Glass, Add	*316.23*	
08 52 13 00-0539		Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0477)*		
08 52 13 00-0540		Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0539)* Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0541		48-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0542	EA	12" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	863.62	54.27
		For Tempered Low-E Insulated Glass, Add	*151.02*	
08 52 13 00-0543	EA	37-5/8" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,210.92	69.28
		For Tempered Low-E Insulated Glass, Add	*214.70*	
08 52 13 00-0544	EA	41-5/8" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,263.79	71.02
		For Tempered Low-E Insulated Glass, Add	*224.35*	
08 52 13 00-0545	EA	47-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,343.09	74.48
		For Tempered Low-E Insulated Glass, Add	*238.82*	
08 52 13 00-0546	EA	51-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,395.96	77.37
		For Tempered Low-E Insulated Glass, Add	*248.48*	
08 52 13 00-0547	EA	59-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,504.11	81.41
		For Tempered Low-E Insulated Glass, Add	*268.26*	
08 52 13 00-0548	EA	67-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,612.23	86.60
		For Tempered Low-E Insulated Glass, Add	*288.03*	
08 52 13 00-0549		52-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0550	EA	12" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	918.89	56.59
		For Tempered Low-E Insulated Glass, Add	*161.14*	
08 52 13 00-0551	EA	37-5/8" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,263.79	71.60
		For Tempered Low-E Insulated Glass, Add	*224.35*	
08 52 13 00-0552	EA	41-5/8" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,319.05	73.33
		For Tempered Low-E Insulated Glass, Add	*234.48*	
08 52 13 00-0553	EA	47-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,395.96	76.80
		For Tempered Low-E Insulated Glass, Add	*248.48*	
08 52 13 00-0554	EA	51-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,451.22	79.68
		For Tempered Low-E Insulated Glass, Add	*258.60*	
08 52 13 00-0555	EA	59-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,559.36	83.72
		For Tempered Low-E Insulated Glass, Add	*278.38*	
08 52 13 00-0556	EA	67-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,667.52	88.92
		For Tempered Low-E Insulated Glass, Add	*298.17*	
08 52 13 00-0557		56-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0558	EA	12" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	971.77	58.90
		For Tempered Low-E Insulated Glass, Add	*170.80*	
08 52 13 00-0559	EA	37-5/8" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,319.05	73.91
		For Tempered Low-E Insulated Glass, Add	*234.48*	
08 52 13 00-0560	EA	41-5/8" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,371.92	75.64
		For Tempered Low-E Insulated Glass, Add	*244.13*	
08 52 13 00-0561	EA	47-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,451.22	79.10
		For Tempered Low-E Insulated Glass, Add	*258.60*	
08 52 13 00-0562	EA	51-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,504.11	81.99
		For Tempered Low-E Insulated Glass, Add	*268.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0563	EA	59-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,612.23	86.03
		For Tempered Low-E Insulated Glass, Add	*288.03*	
08 52 13 00-0564	EA	67-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,722.79	91.23
		For Tempered Low-E Insulated Glass, Add	*308.30*	
08 52 13 00-0565		**60-7/8" Height, Picture Metal Clad Windows For Double Hung Windows** *(08 52 13 00-0540)*		
08 52 13 00-0566	EA	12" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,027.05	61.20
		For Tempered Low-E Insulated Glass, Add	*180.93*	
08 52 13 00-0567	EA	37-5/8" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,371.92	76.21
		For Tempered Low-E Insulated Glass, Add	*244.13*	
08 52 13 00-0568	EA	41-5/8" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,427.22	77.95
		For Tempered Low-E Insulated Glass, Add	*254.26*	
08 52 13 00-0569	EA	47-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,504.11	81.41
		For Tempered Low-E Insulated Glass, Add	*268.26*	
08 52 13 00-0570	EA	51-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,559.36	84.30
		For Tempered Low-E Insulated Glass, Add	*278.38*	
08 52 13 00-0571	EA	59-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,667.52	88.34
		For Tempered Low-E Insulated Glass, Add	*298.17*	
08 52 13 00-0572	EA	67-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,775.66	93.53
		For Tempered Low-E Insulated Glass, Add	*317.95*	
08 52 13 00-0573		**64-7/8" Height, Picture Metal Clad Windows For Double Hung Windows** *(08 52 13 00-0540)*		
08 52 13 00-0574	EA	12" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,079.90	63.51
		For Tempered Low-E Insulated Glass, Add	*190.57*	
08 52 13 00-0575	EA	37-5/8" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,427.22	78.52
		For Tempered Low-E Insulated Glass, Add	*254.26*	
08 52 13 00-0576	EA	41-5/8" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,482.47	80.26
		For Tempered Low-E Insulated Glass, Add	*264.39*	
08 52 13 00-0577	EA	47-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,559.36	83.72
		For Tempered Low-E Insulated Glass, Add	*278.38*	
08 52 13 00-0578	EA	51-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,612.23	86.60
		For Tempered Low-E Insulated Glass, Add	*288.03*	
08 52 13 00-0579	EA	59-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,722.79	90.65
		For Tempered Low-E Insulated Glass, Add	*308.30*	
08 52 13 00-0580	EA	67-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,830.94	95.85
		For Tempered Low-E Insulated Glass, Add	*328.08*	
08 52 13 00-0581		**68-7/8" Height, Picture Metal Clad Windows For Double Hung Windows** *(08 52 13 00-0540)*		
08 52 13 00-0582	EA	12" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,135.18	65.82
		For Tempered Low-E Insulated Glass, Add	*200.71*	
08 52 13 00-0583	EA	37-5/8" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,482.47	80.84
		For Tempered Low-E Insulated Glass, Add	*264.39*	
08 52 13 00-0584	EA	41-5/8" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,535.35	82.56
		For Tempered Low-E Insulated Glass, Add	*274.04*	
08 52 13 00-0585	EA	47-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,612.23	86.03
		For Tempered Low-E Insulated Glass, Add	*288.03*	
08 52 13 00-0586	EA	51-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,667.52	88.92
		For Tempered Low-E Insulated Glass, Add	*298.17*	
08 52 13 00-0587	EA	59-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,775.66	92.96
		For Tempered Low-E Insulated Glass, Add	*317.95*	
08 52 13 00-0588	EA	67-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,883.83	98.16
		For Tempered Low-E Insulated Glass, Add	*337.73*	
08 52 13 00-0589		**72-7/8" Height, Picture Metal Clad Windows For Double Hung Windows** *(08 52 13 00-0540)*		
08 52 13 00-0590	EA	12" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,188.06	68.13
		For Tempered Low-E Insulated Glass, Add	*210.36*	
08 52 13 00-0591	EA	37-5/8" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,535.35	83.14
		For Tempered Low-E Insulated Glass, Add	*274.04*	
08 52 13 00-0592	EA	41-5/8" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,590.65	84.88
		For Tempered Low-E Insulated Glass, Add	*284.18*	
08 52 13 00-0593	EA	47-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,667.52	88.34
		For Tempered Low-E Insulated Glass, Add	*298.17*	
08 52 13 00-0594	EA	51-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,722.79	91.23
		For Tempered Low-E Insulated Glass, Add	*308.30*	
08 52 13 00-0595	EA	59-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,830.94	95.27
		For Tempered Low-E Insulated Glass, Add	*328.08*	
08 52 13 00-0596	EA	67-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,939.09	100.46
		For Tempered Low-E Insulated Glass, Add	*347.86*	
08 52 13 00-0597		**76-7/8" Height, Picture Metal Clad Windows For Double Hung Windows** *(08 52 13 00-0540)*		
08 52 13 00-0598	EA	12" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,243.32	70.44
		For Tempered Low-E Insulated Glass, Add	*220.49*	
08 52 13 00-0599	EA	37-5/8" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,590.65	85.45
		For Tempered Low-E Insulated Glass, Add	*284.18*	
08 52 13 00-0600	EA	41-5/8" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,643.49	87.18
		For Tempered Low-E Insulated Glass, Add	*293.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0601	EA	47-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,722.79	90.65
		For Tempered Low-E Insulated Glass, Add	*308.30*	
08 52 13 00-0602	EA	51-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,775.66	93.53
		For Tempered Low-E Insulated Glass, Add	*317.95*	
08 52 13 00-0603	EA	59-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,883.83	97.57
		For Tempered Low-E Insulated Glass, Add	*337.73*	
08 52 13 00-0604	EA	67-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,991.95	102.78
		For Tempered Low-E Insulated Glass, Add	*357.51*	

08 52 13 00-0605 Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0477)*

08 52 13 00-0606 Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0605)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 13 00-0607 35-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0608	EA	56-1/2" x 35-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	759.48	72.17
		For Tempered Low-E Insulated Glass, Add	*123.03*	
		For Tempered Clear Insulated Glass, Add	*123.03*	
08 52 13 00-0609	EA	59-1/2" x 35-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	779.85	73.91
		For Tempered Low-E Insulated Glass, Add	*126.41*	
		For Tempered Clear Insulated Glass, Add	*126.41*	

08 52 13 00-0610 47-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0611	EA	47-1/2" x 47-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	779.85	73.91
		For Tempered Low-E Insulated Glass, Add	*126.41*	
		For Tempered Clear Insulated Glass, Add	*126.41*	
08 52 13 00-0612	EA	71-1/2" x 47-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	947.47	87.77
		For Tempered Low-E Insulated Glass, Add	*154.39*	
		For Tempered Clear Insulated Glass, Add	*154.39*	

08 52 13 00-0613 53-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0614	EA	56-1/2" x 53-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	886.44	82.56
		For Tempered Low-E Insulated Glass, Add	*144.26*	
		For Tempered Clear Insulated Glass, Add	*144.26*	
08 52 13 00-0615	EA	59-1/2" x 53-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	906.77	84.30
		For Tempered Low-E Insulated Glass, Add	*147.64*	
		For Tempered Clear Insulated Glass, Add	*147.64*	

08 52 13 00-0616 56-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0617	EA	35-1/2" x 56-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	759.48	72.75
		For Tempered Low-E Insulated Glass, Add	*123.03*	
		For Tempered Clear Insulated Glass, Add	*123.03*	
08 52 13 00-0618	EA	53-1/2" x 56-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	886.44	82.56
		For Tempered Low-E Insulated Glass, Add	*144.26*	
		For Tempered Clear Insulated Glass, Add	*144.26*	

08 52 13 00-0619 59-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0620	EA	35-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	779.85	73.91
		For Tempered Low-E Insulated Glass, Add	*126.41*	
		For Tempered Clear Insulated Glass, Add	*126.41*	
08 52 13 00-0621	EA	53-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	906.77	84.30
		For Tempered Low-E Insulated Glass, Add	*147.64*	
		For Tempered Clear Insulated Glass, Add	*147.64*	
08 52 13 00-0622	EA	59-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	947.47	87.77
		For Tempered Low-E Insulated Glass, Add	*154.39*	
		For Tempered Clear Insulated Glass, Add	*154.39*	
08 52 13 00-0623	EA	65-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	990.59	91.23
		For Tempered Low-E Insulated Glass, Add	*161.63*	
		For Tempered Clear Insulated Glass, Add	*161.63*	

08 52 13 00-0624 65-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

08 52 13 00-0625	EA	59-1/2" x 65-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	990.59	91.23
		For Tempered Low-E Insulated Glass, Add	*161.63*	
		For Tempered Clear Insulated Glass, Add	*161.63*	

08 52 13 00-0626 71-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0627	EA	47-1/2" x 71-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	947.47	87.77
		For Tempered Low-E Insulated Glass, Add	*154.39*	
		For Tempered Clear Insulated Glass, Add	*154.39*	

08 52 13 00-0628 Basement Metal Clad Windows *(08 52 13)*

08 52 13 00-0629 Basement Metal Clad Windows *(08 52 13 00-0628)*

Note: Includes painted or stained wood interior, metal clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.

08 52 13 00-0630	EA	32-1/4" x 15-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	397.02	46.19
		For Tempered Low-E Insulated Glass, Add	*60.93*	
08 52 13 00-0631	EA	32-1/4" x 19-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	419.91	46.19
		For Tempered Low-E Insulated Glass, Add	*65.51*	
08 52 13 00-0632	EA	32-1/4" x 23-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	440.04	46.19
		For Tempered Low-E Insulated Glass, Add	*69.53*	

08 52 13 00-0633 Accessories For Metal Clad Windows *(08 52 13)*

08 52 13 00-0634 Insect Screens For Metal Clad Windows *(08 52 13 00-0633)*

08 52 13 00-0635	EA	Up To 6 SF, Insect Screen For Metal Clad Wood Windows	70.78	10.48
08 52 13 00-0636	EA	>6 To 9 SF, Insect Screen For Metal Clad Wood Windows	85.02	10.48
08 52 13 00-0637	EA	>9 To 12 SF, Insect Screen For Metal Clad Wood Windows	92.15	10.48
08 52 13 00-0638	EA	>12 To 15 SF, Insect Screen For Metal Clad Wood Windows	106.39	10.48
08 52 13 00-0639	EA	>15 To 20 SF, Insect Screen For Metal Clad Wood Windows	134.87	10.48
08 52 13 00-0640	EA	>20 To 25 SF, Insect Screen For Metal Clad Wood Windows	149.12	10.48
08 52 13 00-0641	EA	>25 To 30 SF, Insect Screen For Metal Clad Wood Windows	163.33	10.48
08 52 13 00-0642	EA	>30 To 35 SF, Insect Screen For Metal Clad Wood Windows	177.57	10.48
08 52 13 00-0643	SF	>35 SF, Insect Screen For Metal Clad Wood Windows	5.40	0.21

08 52 13 00-0644 Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0633)*

08 52 13 00-0645 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*

08 52 13 00-0646	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	56.69
08 52 13 00-0647	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	121.52
08 52 13 00-0648	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	164.92
08 52 13 00-0649	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	208.32
08 52 13 00-0650	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	295.12

08 52 13 00-0651 Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*

08 52 13 00-0652	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	56.69
08 52 13 00-0653	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	121.52
08 52 13 00-0654	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	164.92
08 52 13 00-0655	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	208.32
08 52 13 00-0656	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	295.12

08 52 13 00-0657 Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*

08 52 13 00-0658	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	98.95
08 52 13 00-0659	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	145.82
08 52 13 00-0660	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	197.90
08 52 13 00-0661	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	249.98
08 52 13 00-0662	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	354.14

08 52 13 00-0663 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*

08 52 13 00-0664	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	118.75
08 52 13 00-0665	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	174.98
08 52 13 00-0666	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	237.48
08 52 13 00-0667	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	299.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0668	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	424.97	

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Single Hung Wood Clad Windows *(08 52 16)*

Note: Single Hung windows feature a movable bottom sash and stationary top sash.

08 52 16 00-0002 Single Hung Wood Clad Windows *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0004	EA	23-1/2" x 35-1/2" Single Hung Wood Clad Window	368.58	53.12
		For Tempered Low-E Insulated Glass, Add	*52.47*	
		For Low-E Insulated Glass, Add	*31.48*	
		For Tempered Clear Insulated Glass, Add	*52.47*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Single Hung Wood Clad Window	390.22	55.43
		For Tempered Low-E Insulated Glass, Add	*55.87*	
		For Low-E Insulated Glass, Add	*33.52*	
		For Tempered Clear Insulated Glass, Add	*55.87*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Single Hung Wood Clad Window	410.43	57.74
		For Tempered Low-E Insulated Glass, Add	*58.99*	
		For Low-E Insulated Glass, Add	*35.40*	
		For Tempered Clear Insulated Glass, Add	*58.99*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Single Hung Wood Clad Window	430.65	60.05
		For Tempered Low-E Insulated Glass, Add	*62.11*	
		For Low-E Insulated Glass, Add	*37.27*	
		For Tempered Clear Insulated Glass, Add	*62.11*	

08 52 16 00-0008 41-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Single Hung Wood Clad Window	399.62	56.59
		For Tempered Low-E Insulated Glass, Add	*57.29*	
		For Low-E Insulated Glass, Add	*34.37*	
		For Tempered Clear Insulated Glass, Add	*57.29*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Single Hung Wood Clad Window	421.25	58.90
		For Tempered Low-E Insulated Glass, Add	*60.69*	
		For Low-E Insulated Glass, Add	*36.42*	
		For Tempered Clear Insulated Glass, Add	*60.69*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Single Hung Wood Clad Window	441.46	61.20
		For Tempered Low-E Insulated Glass, Add	*63.81*	
		For Low-E Insulated Glass, Add	*38.29*	
		For Tempered Clear Insulated Glass, Add	*63.81*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Single Hung Wood Clad Window	461.69	63.51
		For Tempered Low-E Insulated Glass, Add	*66.93*	
		For Low-E Insulated Glass, Add	*40.16*	
		For Tempered Clear Insulated Glass, Add	*66.93*	

08 52 16 00-0013 47-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Single Hung Wood Clad Window	430.65	60.05
		For Tempered Low-E Insulated Glass, Add	*62.11*	
		For Low-E Insulated Glass, Add	*37.27*	
		For Tempered Clear Insulated Glass, Add	*62.11*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Single Hung Wood Clad Window	450.87	62.35
		For Tempered Low-E Insulated Glass, Add	*65.23*	
		For Low-E Insulated Glass, Add	*39.14*	
		For Tempered Clear Insulated Glass, Add	*65.23*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Single Hung Wood Clad Window	472.50	64.67
		For Tempered Low-E Insulated Glass, Add	*68.63*	
		For Low-E Insulated Glass, Add	*41.18*	
		For Tempered Clear Insulated Glass, Add	*68.63*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Single Hung Wood Clad Window	492.73	66.98
		For Tempered Low-E Insulated Glass, Add	*71.75*	
		For Low-E Insulated Glass, Add	*43.05*	
		For Tempered Clear Insulated Glass, Add	*71.75*	

08 52 16 00-0018 53-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Single Hung Wood Clad Window	461.69	63.51
		For Tempered Low-E Insulated Glass, Add	*66.93*	
		For Low-E Insulated Glass, Add	*40.16*	
		For Tempered Clear Insulated Glass, Add	*66.93*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Single Hung Wood Clad Window	481.90	65.82
		For Tempered Low-E Insulated Glass, Add	*70.05*	
		For Low-E Insulated Glass, Add	*42.03*	
		For Tempered Clear Insulated Glass, Add	*70.05*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Single Hung Wood Clad Window	502.12	68.13
		For Tempered Low-E Insulated Glass, Add	*73.17*	
		For Low-E Insulated Glass, Add	*43.90*	
		For Tempered Clear Insulated Glass, Add	*73.17*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Single Hung Wood Clad Window	523.75	70.44
		For Tempered Low-E Insulated Glass, Add	*76.57*	
		For Low-E Insulated Glass, Add	*45.94*	
		For Tempered Clear Insulated Glass, Add	*76.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0023 56-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Single Hung Wood Clad Window	456.28	63.51
		For Tempered Low-E Insulated Glass, Add	*66.08*	
		For Low-E Insulated Glass, Add	*39.65*	
		For Tempered Clear Insulated Glass, Add	*66.08*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Single Hung Wood Clad Window	476.50	65.24
		For Tempered Low-E Insulated Glass, Add	*69.20*	
		For Low-E Insulated Glass, Add	*41.52*	
		For Tempered Clear Insulated Glass, Add	*69.20*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Single Hung Wood Clad Window	498.13	68.13
		For Tempered Low-E Insulated Glass, Add	*72.60*	
		For Low-E Insulated Glass, Add	*43.56*	
		For Tempered Clear Insulated Glass, Add	*72.60*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Single Hung Wood Clad Window	518.35	70.44
		For Tempered Low-E Insulated Glass, Add	*75.72*	
		For Low-E Insulated Glass, Add	*45.43*	
		For Tempered Clear Insulated Glass, Add	*75.72*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Single Hung Wood Clad Window	538.56	72.75
		For Tempered Low-E Insulated Glass, Add	*78.84*	
		For Low-E Insulated Glass, Add	*47.31*	
		For Tempered Clear Insulated Glass, Add	*78.84*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Single Hung Wood Clad Window	558.79	75.06
		For Tempered Low-E Insulated Glass, Add	*81.96*	
		For Low-E Insulated Glass, Add	*49.18*	
		For Tempered Clear Insulated Glass, Add	*81.96*	

08 52 16 00-0030 59-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Single Hung Wood Clad Window	472.50	64.67
		For Tempered Low-E Insulated Glass, Add	*68.63*	
		For Low-E Insulated Glass, Add	*41.18*	
		For Tempered Clear Insulated Glass, Add	*68.63*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Single Hung Wood Clad Window	492.73	66.98
		For Tempered Low-E Insulated Glass, Add	*71.75*	
		For Low-E Insulated Glass, Add	*43.05*	
		For Tempered Clear Insulated Glass, Add	*71.75*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Single Hung Wood Clad Window	512.94	69.28
		For Tempered Low-E Insulated Glass, Add	*74.87*	
		For Low-E Insulated Glass, Add	*44.92*	
		For Tempered Clear Insulated Glass, Add	*74.87*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Single Hung Wood Clad Window	533.16	71.60
		For Tempered Low-E Insulated Glass, Add	*77.99*	
		For Low-E Insulated Glass, Add	*46.80*	
		For Tempered Clear Insulated Glass, Add	*77.99*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Single Hung Wood Clad Window	553.37	73.91
		For Tempered Low-E Insulated Glass, Add	*81.11*	
		For Low-E Insulated Glass, Add	*48.67*	
		For Tempered Clear Insulated Glass, Add	*81.11*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Single Hung Wood Clad Window	575.01	76.21
		For Tempered Low-E Insulated Glass, Add	*84.52*	
		For Low-E Insulated Glass, Add	*50.71*	
		For Tempered Clear Insulated Glass, Add	*84.52*	

08 52 16 00-0037 65-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Single Hung Wood Clad Window	523.75	70.44
		For Tempered Low-E Insulated Glass, Add	*76.57*	
		For Low-E Insulated Glass, Add	*45.94*	
		For Tempered Clear Insulated Glass, Add	*76.57*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Single Hung Wood Clad Window	543.97	72.75
		For Tempered Low-E Insulated Glass, Add	*79.69*	
		For Low-E Insulated Glass, Add	*47.82*	
		For Tempered Clear Insulated Glass, Add	*79.69*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Single Hung Wood Clad Window	564.19	75.06
		For Tempered Low-E Insulated Glass, Add	*82.81*	
		For Low-E Insulated Glass, Add	*49.69*	
		For Tempered Clear Insulated Glass, Add	*82.81*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Single Hung Wood Clad Window	584.41	77.37
		For Tempered Low-E Insulated Glass, Add	*85.93*	
		For Low-E Insulated Glass, Add	*51.56*	
		For Tempered Clear Insulated Glass, Add	*85.93*	

08 52 16 00-0042 71-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Single Hung Wood Clad Window	553.37	73.91
		For Tempered Low-E Insulated Glass, Add	*81.11*	
		For Low-E Insulated Glass, Add	*48.67*	
		For Tempered Clear Insulated Glass, Add	*81.11*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Single Hung Wood Clad Window	575.01	76.21
		For Tempered Low-E Insulated Glass, Add	*84.52*	
		For Low-E Insulated Glass, Add	*50.71*	
		For Tempered Clear Insulated Glass, Add	*84.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Single Hung Wood Clad Window	595.23	78.52
		For Tempered Low-E Insulated Glass, Add	*87.64*	
		For Low-E Insulated Glass, Add	*52.58*	
		For Tempered Clear Insulated Glass, Add	*87.64*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Single Hung Wood Clad Window	615.44	80.84
		For Tempered Low-E Insulated Glass, Add	*90.76*	
		For Low-E Insulated Glass, Add	*54.45*	
		For Tempered Clear Insulated Glass, Add	*90.76*	

08 52 16 00-0047 Single Hung Wood Clad Windows *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Single Hung Wood Clad Window	452.50	53.12
		For Tempered Low-E Insulated Glass, Add	*69.48*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Single Hung Wood Clad Window	479.82	54.85
		For Tempered Low-E Insulated Glass, Add	*74.02*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Single Hung Wood Clad Window	508.54	57.16
		For Tempered Low-E Insulated Glass, Add	*78.84*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Single Hung Wood Clad Window	523.61	58.90
		For Tempered Low-E Insulated Glass, Add	*81.40*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Single Hung Wood Clad Window	537.27	60.05
		For Tempered Low-E Insulated Glass, Add	*83.67*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Single Hung Wood Clad Window	550.92	61.20
		For Tempered Low-E Insulated Glass, Add	*85.93*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Single Hung Wood Clad Window	565.99	61.78
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Single Hung Wood Clad Window	593.30	64.09
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Single Hung Wood Clad Window	622.03	66.40
		For Tempered Low-E Insulated Glass, Add	*97.85*	

08 52 16 00-0058 40-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Single Hung Wood Clad Window	479.82	55.43
		For Tempered Low-E Insulated Glass, Add	*74.02*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Single Hung Wood Clad Window	508.54	57.16
		For Tempered Low-E Insulated Glass, Add	*78.84*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Single Hung Wood Clad Window	537.27	59.47
		For Tempered Low-E Insulated Glass, Add	*83.67*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Single Hung Wood Clad Window	550.92	61.20
		For Tempered Low-E Insulated Glass, Add	*85.93*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Single Hung Wood Clad Window	565.99	62.35
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Single Hung Wood Clad Window	579.65	63.51
		For Tempered Low-E Insulated Glass, Add	*90.76*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Single Hung Wood Clad Window	593.30	64.09
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Single Hung Wood Clad Window	622.03	66.40
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Single Hung Wood Clad Window	650.76	68.71
		For Tempered Low-E Insulated Glass, Add	*102.67*	

08 52 16 00-0068 44-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Single Hung Wood Clad Window	508.54	57.74
		For Tempered Low-E Insulated Glass, Add	*78.84*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Single Hung Wood Clad Window	537.27	59.47
		For Tempered Low-E Insulated Glass, Add	*83.67*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Single Hung Wood Clad Window	565.99	61.78
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Single Hung Wood Clad Window	579.65	63.51
		For Tempered Low-E Insulated Glass, Add	*90.76*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Single Hung Wood Clad Window	593.30	64.67
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Single Hung Wood Clad Window	608.37	65.82
		For Tempered Low-E Insulated Glass, Add	*95.58*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Single Hung Wood Clad Window	622.03	66.40
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Single Hung Wood Clad Window	650.76	68.71
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Single Hung Wood Clad Window	679.48	71.02
		For Tempered Low-E Insulated Glass, Add	*107.49*	

08 52 16 00-0078 48-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Single Hung Wood Clad Window	537.27	60.05
		For Tempered Low-E Insulated Glass, Add	*83.67*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Single Hung Wood Clad Window	565.99	61.78
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Single Hung Wood Clad Window	593.30	64.09
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Single Hung Wood Clad Window	608.37	65.82
		For Tempered Low-E Insulated Glass, Add	*95.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Single Hung Wood Clad Window	622.03	66.98
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Single Hung Wood Clad Window	635.68	68.13
		For Tempered Low-E Insulated Glass, Add	*100.11*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Single Hung Wood Clad Window	650.76	68.71
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Single Hung Wood Clad Window	679.48	71.02
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Single Hung Wood Clad Window	706.78	73.33
		For Tempered Low-E Insulated Glass, Add	*112.03*	

08 52 16 00-0088 52-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Single Hung Wood Clad Window	565.99	62.35
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Single Hung Wood Clad Window	593.30	64.09
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Single Hung Wood Clad Window	622.03	66.40
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Single Hung Wood Clad Window	635.68	68.13
		For Tempered Low-E Insulated Glass, Add	*100.11*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Single Hung Wood Clad Window	650.76	69.28
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Single Hung Wood Clad Window	664.41	70.44
		For Tempered Low-E Insulated Glass, Add	*104.94*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Single Hung Wood Clad Window	679.48	71.02
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Single Hung Wood Clad Window	706.78	73.33
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Single Hung Wood Clad Window	735.51	75.64
		For Tempered Low-E Insulated Glass, Add	*116.85*	

08 52 16 00-0098 56-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Single Hung Wood Clad Window	593.30	64.67
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Single Hung Wood Clad Window	622.03	66.40
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Single Hung Wood Clad Window	650.76	68.71
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Single Hung Wood Clad Window	664.41	70.44
		For Tempered Low-E Insulated Glass, Add	*104.94*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Single Hung Wood Clad Window	679.48	71.60
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Single Hung Wood Clad Window	693.13	72.75
		For Tempered Low-E Insulated Glass, Add	*109.76*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Single Hung Wood Clad Window	706.78	73.33
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Single Hung Wood Clad Window	735.51	75.64
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Single Hung Wood Clad Window	764.25	77.95
		For Tempered Low-E Insulated Glass, Add	*121.67*	

08 52 16 00-0108 60-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Single Hung Wood Clad Window	622.03	66.98
		For Tempered Low-E Insulated Glass, Add	*97.85*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Single Hung Wood Clad Window	650.76	68.71
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Single Hung Wood Clad Window	679.48	71.02
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Single Hung Wood Clad Window	693.13	72.75
		For Tempered Low-E Insulated Glass, Add	*109.76*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Single Hung Wood Clad Window	706.78	73.91
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Single Hung Wood Clad Window	721.86	75.06
		For Tempered Low-E Insulated Glass, Add	*114.58*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Single Hung Wood Clad Window	735.51	75.64
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Single Hung Wood Clad Window	764.25	77.95
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Single Hung Wood Clad Window	791.54	80.26
		For Tempered Low-E Insulated Glass, Add	*126.21*	

08 52 16 00-0118 64-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Single Hung Wood Clad Window	650.76	69.28
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Single Hung Wood Clad Window	679.48	71.02
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Single Hung Wood Clad Window	706.78	73.33
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Single Hung Wood Clad Window	721.86	75.06
		For Tempered Low-E Insulated Glass, Add	*114.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Single Hung Wood Clad Window	735.51	76.21
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Single Hung Wood Clad Window	749.16	77.37
		For Tempered Low-E Insulated Glass, Add	*119.12*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Single Hung Wood Clad Window	764.25	77.95
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Single Hung Wood Clad Window	791.54	80.26
		For Tempered Low-E Insulated Glass, Add	*126.21*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Single Hung Wood Clad Window	820.27	82.56
		For Tempered Low-E Insulated Glass, Add	*131.03*	

08 52 16 00-0128 68-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Single Hung Wood Clad Window	679.48	71.60
		For Tempered Low-E Insulated Glass, Add	*107.49*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Single Hung Wood Clad Window	706.78	73.33
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Single Hung Wood Clad Window	735.51	75.64
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Single Hung Wood Clad Window	749.16	77.37
		For Tempered Low-E Insulated Glass, Add	*119.12*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Single Hung Wood Clad Window	764.25	78.52
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Single Hung Wood Clad Window	777.89	79.68
		For Tempered Low-E Insulated Glass, Add	*123.94*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Single Hung Wood Clad Window	791.54	80.26
		For Tempered Low-E Insulated Glass, Add	*126.21*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Single Hung Wood Clad Window	820.27	82.56
		For Tempered Low-E Insulated Glass, Add	*131.03*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Single Hung Wood Clad Window	849.01	84.88
		For Tempered Low-E Insulated Glass, Add	*135.85*	

08 52 16 00-0138 72-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Single Hung Wood Clad Window	706.78	73.91
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Single Hung Wood Clad Window	735.51	75.64
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Single Hung Wood Clad Window	764.25	77.95
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Single Hung Wood Clad Window	777.89	79.68
		For Tempered Low-E Insulated Glass, Add	*123.94*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Single Hung Wood Clad Window	791.54	80.84
		For Tempered Low-E Insulated Glass, Add	*126.21*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Single Hung Wood Clad Window	806.63	81.99
		For Tempered Low-E Insulated Glass, Add	*128.76*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Single Hung Wood Clad Window	820.27	82.56
		For Tempered Low-E Insulated Glass, Add	*131.03*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Single Hung Wood Clad Window	849.01	84.88
		For Tempered Low-E Insulated Glass, Add	*135.85*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Single Hung Wood Clad Window	877.73	87.18
		For Tempered Low-E Insulated Glass, Add	*140.67*	

08 52 16 00-0148 76-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Single Hung Wood Clad Window	735.51	76.21
		For Tempered Low-E Insulated Glass, Add	*116.85*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Single Hung Wood Clad Window	764.25	77.95
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Single Hung Wood Clad Window	791.54	80.26
		For Tempered Low-E Insulated Glass, Add	*126.21*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Single Hung Wood Clad Window	806.63	81.99
		For Tempered Low-E Insulated Glass, Add	*128.76*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Single Hung Wood Clad Window	820.27	83.14
		For Tempered Low-E Insulated Glass, Add	*131.03*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Single Hung Wood Clad Window	835.34	84.30
		For Tempered Low-E Insulated Glass, Add	*133.58*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Single Hung Wood Clad Window	849.01	84.88
		For Tempered Low-E Insulated Glass, Add	*135.85*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Single Hung Wood Clad Window	877.73	87.18
		For Tempered Low-E Insulated Glass, Add	*140.67*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Single Hung Wood Clad Window	905.03	89.49
		For Tempered Low-E Insulated Glass, Add	*145.21*	

08 52 16 00-0158 84-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Single Hung Wood Clad Window	1,129.02	80.84
		For Tempered Low-E Insulated Glass, Add	*193.70*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Single Hung Wood Clad Window	1,169.10	82.56
		For Tempered Low-E Insulated Glass, Add	*200.79*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Single Hung Wood Clad Window	1,209.18	84.88
		For Tempered Low-E Insulated Glass, Add	*207.88*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Single Hung Wood Clad Window	1,228.49	86.60
		For Tempered Low-E Insulated Glass, Add	*211.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Single Hung Wood Clad Window	1,249.24	87.77
		For Tempered Low-E Insulated Glass, Add	*214.97*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Single Hung Wood Clad Window	1,268.57	88.92
		For Tempered Low-E Insulated Glass, Add	*218.38*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Single Hung Wood Clad Window	1,287.89	89.49
		For Tempered Low-E Insulated Glass, Add	*221.78*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Single Hung Wood Clad Window	1,327.95	91.81
		For Tempered Low-E Insulated Glass, Add	*228.87*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Single Hung Wood Clad Window	1,368.04	94.11
		For Tempered Low-E Insulated Glass, Add	*235.96*	

08 52 16 00-0168 88-7/8" Height, Single Hung Wood Clad Windows *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Single Hung Wood Clad Window	1,169.10	83.14
		For Tempered Low-E Insulated Glass, Add	*200.79*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Single Hung Wood Clad Window	1,209.18	84.88
		For Tempered Low-E Insulated Glass, Add	*207.88*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Single Hung Wood Clad Window	1,249.24	87.18
		For Tempered Low-E Insulated Glass, Add	*214.97*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Single Hung Wood Clad Window	1,268.57	88.92
		For Tempered Low-E Insulated Glass, Add	*218.38*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Single Hung Wood Clad Window	1,287.89	90.07
		For Tempered Low-E Insulated Glass, Add	*221.78*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Single Hung Wood Clad Window	1,308.64	91.23
		For Tempered Low-E Insulated Glass, Add	*225.47*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Single Hung Wood Clad Window	1,327.95	91.81
		For Tempered Low-E Insulated Glass, Add	*228.87*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Single Hung Wood Clad Window	1,368.04	94.11
		For Tempered Low-E Insulated Glass, Add	*235.96*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Single Hung Wood Clad Window	1,408.11	96.42
		For Tempered Low-E Insulated Glass, Add	*243.05*	

08 52 16 00-0178 Double Hung Wood Clad Windows *(08 52 16)*

Note: Double hung windows feature two movable sashes that operate vertically and open independently.

08 52 16 00-0179 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0181	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	414.88	53.12
		For Low-E Insulated Glass, Add	*37.04*	
		For Tempered Clear Insulated Glass, Add	*61.73*	
08 52 16 00-0182	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	439.52	55.43
		For Low-E Insulated Glass, Add	*39.44*	
		For Tempered Clear Insulated Glass, Add	*65.73*	
08 52 16 00-0183	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	462.48	57.74
		For Low-E Insulated Glass, Add	*41.64*	
		For Tempered Clear Insulated Glass, Add	*69.40*	
08 52 16 00-0184	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.46	60.05
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	

08 52 16 00-0185 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0186	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	450.17	56.59
		For Low-E Insulated Glass, Add	*40.44*	
		For Tempered Clear Insulated Glass, Add	*67.40*	
08 52 16 00-0187	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	474.81	58.90
		For Low-E Insulated Glass, Add	*42.84*	
		For Tempered Clear Insulated Glass, Add	*71.40*	
08 52 16 00-0188	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	497.77	61.20
		For Low-E Insulated Glass, Add	*45.04*	
		For Tempered Clear Insulated Glass, Add	*75.07*	
08 52 16 00-0189	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	520.75	63.51
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	

08 52 16 00-0190 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0191	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.46	60.05
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	
08 52 16 00-0192	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	508.43	62.35
		For Low-E Insulated Glass, Add	*46.05*	
		For Tempered Clear Insulated Glass, Add	*76.74*	
08 52 16 00-0193	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	533.06	64.67
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0194	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	556.04	66.98
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0195 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0196	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	520.75	63.51
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	
08 52 16 00-0197	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	543.71	65.82
		For Low-E Insulated Glass, Add	*49.45*	
		For Tempered Clear Insulated Glass, Add	*82.41*	
08 52 16 00-0198	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	566.68	68.13
		For Low-E Insulated Glass, Add	*51.65*	
		For Tempered Clear Insulated Glass, Add	*86.08*	
08 52 16 00-0199	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	591.32	70.44
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	

08 52 16 00-0200 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0201	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	514.58	63.51
		For Low-E Insulated Glass, Add	*46.65*	
		For Tempered Clear Insulated Glass, Add	*77.74*	
08 52 16 00-0202	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	537.56	65.24
		For Low-E Insulated Glass, Add	*48.85*	
		For Tempered Clear Insulated Glass, Add	*81.41*	
08 52 16 00-0203	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	562.19	68.13
		For Low-E Insulated Glass, Add	*51.25*	
		For Tempered Clear Insulated Glass, Add	*85.42*	
08 52 16 00-0204	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	585.17	70.44
		For Low-E Insulated Glass, Add	*53.45*	
		For Tempered Clear Insulated Glass, Add	*89.09*	
08 52 16 00-0205	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	608.13	72.75
		For Low-E Insulated Glass, Add	*55.65*	
		For Tempered Clear Insulated Glass, Add	*92.76*	
08 52 16 00-0206	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	631.11	75.06
		For Low-E Insulated Glass, Add	*57.86*	
		For Tempered Clear Insulated Glass, Add	*96.43*	

08 52 16 00-0207 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0208	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	533.06	64.67
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0209	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	556.04	66.98
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	
08 52 16 00-0210	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	579.00	69.28
		For Low-E Insulated Glass, Add	*52.85*	
		For Tempered Clear Insulated Glass, Add	*88.09*	
08 52 16 00-0211	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	601.97	71.60
		For Low-E Insulated Glass, Add	*55.05*	
		For Tempered Clear Insulated Glass, Add	*91.76*	
08 52 16 00-0212	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	624.94	73.91
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0213	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	649.58	76.21
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	

08 52 16 00-0214 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0215	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	591.32	70.44
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0216	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	614.29	72.75
		For Low-E Insulated Glass, Add	*56.25*	
		For Tempered Clear Insulated Glass, Add	*93.76*	
08 52 16 00-0217	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	637.26	75.06
		For Low-E Insulated Glass, Add	*58.46*	
		For Tempered Clear Insulated Glass, Add	*97.43*	
08 52 16 00-0218	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	660.23	77.37
		For Low-E Insulated Glass, Add	*60.66*	
		For Tempered Clear Insulated Glass, Add	*101.10*	

08 52 16 00-0219 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*

08 52 16 00-0220	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	624.94	73.91
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0221	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	649.58	76.21
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	
08 52 16 00-0222	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	672.55	78.52
		For Low-E Insulated Glass, Add	*61.86*	
		For Tempered Clear Insulated Glass, Add	*103.10*	
08 52 16 00-0223	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	695.52	80.84
		For Low-E Insulated Glass, Add	*64.06*	
		For Tempered Clear Insulated Glass, Add	*106.77*	

08 52 16 00-0224 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0225 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0226	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	513.81	53.12
		For Tempered Low-E Insulated Glass, Add	*81.75*	
08 52 16 00-0227	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	545.14	54.85
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0228	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	578.11	57.16
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0229	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.43	58.90
		For Tempered Low-E Insulated Glass, Add	*95.76*	
08 52 16 00-0230	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	611.09	60.05
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0231	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	626.74	61.20
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0232	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	644.07	61.78
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0233	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.09
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0234	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.40
		For Tempered Low-E Insulated Glass, Add	*115.11*	

08 52 16 00-0235 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0236	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	545.14	55.43
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0237	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	578.11	57.16
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0238	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	611.09	59.47
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0239	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	626.74	61.20
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0240	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	644.07	62.35
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0241	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	659.73	63.51
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0242	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.09
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0243	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.40
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0244	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	68.71
		For Tempered Low-E Insulated Glass, Add	*120.78*	

08 52 16 00-0245 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0246	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	578.11	57.74
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0247	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	611.09	59.47
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0248	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	644.07	61.78
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0249	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	659.73	63.51
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0250	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.67
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0251	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	692.71	65.82
		For Tempered Low-E Insulated Glass, Add	*112.44*	
08 52 16 00-0252	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.40
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0253	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	68.71
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0254	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.02
		For Tempered Low-E Insulated Glass, Add	*126.46*	

08 52 16 00-0255 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0256	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	611.09	60.05
		For Tempered Low-E Insulated Glass, Add	*98.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0257	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	644.07	61.78
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0258	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.09
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0259	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	692.71	65.82
		For Tempered Low-E Insulated Glass, Add	*112.44*	
08 52 16 00-0260	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.98
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0261	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	724.02	68.13
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0262	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	68.71
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0263	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.02
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0264	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.33
		For Tempered Low-E Insulated Glass, Add	*131.80*	

08 52 16 00-0265 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0266	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	644.07	62.35
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0267	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.09
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0268	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.40
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0269	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	724.02	68.13
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0270	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	69.28
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0271	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	757.00	70.44
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0272	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.02
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0273	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.33
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0274	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	75.64
		For Tempered Low-E Insulated Glass, Add	*137.47*	

08 52 16 00-0275 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0276	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	675.38	64.67
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0277	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.40
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0278	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	68.71
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0279	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	757.00	70.44
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0280	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.60
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0281	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	789.97	72.75
		For Tempered Low-E Insulated Glass, Add	*129.13*	
08 52 16 00-0282	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.33
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0283	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	75.64
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0284	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	77.95
		For Tempered Low-E Insulated Glass, Add	*143.14*	

08 52 16 00-0285 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0286	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	708.36	66.98
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0287	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	68.71
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0288	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.02
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0289	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	789.97	72.75
		For Tempered Low-E Insulated Glass, Add	*129.13*	
08 52 16 00-0290	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.91
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0291	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	822.96	75.06
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0292	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	75.64
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0293	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	77.95
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0294	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.90	80.26
		For Tempered Low-E Insulated Glass, Add	*148.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0295		**64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)** *(08 52 16 00-0224)*		
08 52 16 00-0296	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	741.34	69.28
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0297	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.02
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0298	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.33
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0299	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	822.96	75.06
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0300	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	76.21
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0301	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	854.27	77.37
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0302	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	77.95
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0303	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.90	80.26
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0304	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.88	82.56
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0305		**68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)** *(08 52 16 00-0224)*		
08 52 16 00-0306	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	774.33	71.60
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0307	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.33
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0308	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	75.64
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0309	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	854.27	77.37
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0310	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	78.52
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0311	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	887.25	79.68
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0312	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.90	80.26
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0313	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.88	82.56
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0314	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.88	84.88
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0315		**72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)** *(08 52 16 00-0224)*		
08 52 16 00-0316	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	805.63	73.91
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0317	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	75.64
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0318	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	77.95
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0319	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	887.25	79.68
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0320	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.90	80.84
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0321	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	920.24	81.99
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0322	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.88	82.56
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0323	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.88	84.88
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0324	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,001.85	87.18
		For Tempered Low-E Insulated Glass, Add	*165.50*	
08 52 16 00-0325		**76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)** *(08 52 16 00-0224)*		
08 52 16 00-0326	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	838.61	76.21
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0327	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	871.60	77.95
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0328	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	902.90	80.26
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0329	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	920.24	81.99
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0330	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	935.88	83.14
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0331	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	953.21	84.30
		For Tempered Low-E Insulated Glass, Add	*157.15*	
08 52 16 00-0332	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	968.88	84.88
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0333	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,001.85	87.18
		For Tempered Low-E Insulated Glass, Add	*165.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0334	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,033.16	89.49
		For Tempered Low-E Insulated Glass, Add	*170.83*	

08 52 16 00-0335 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0336	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,299.96	80.84
		For Tempered Low-E Insulated Glass, Add	*227.89*	
08 52 16 00-0337	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,346.29	82.56
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0338	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,392.62	84.88
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0339	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,414.94	86.60
		For Tempered Low-E Insulated Glass, Add	*248.58*	
08 52 16 00-0340	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,438.94	87.77
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0341	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,461.27	88.92
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0342	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,483.60	89.49
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0343	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,529.92	91.81
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0344	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,576.26	94.11
		For Tempered Low-E Insulated Glass, Add	*277.61*	

08 52 16 00-0345 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0346	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,346.29	83.14
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0347	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,392.62	84.88
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0348	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,438.94	87.18
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0349	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,461.27	88.92
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0350	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,483.60	90.07
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0351	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,507.60	91.23
		For Tempered Low-E Insulated Glass, Add	*265.26*	
08 52 16 00-0352	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,529.92	91.81
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0353	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,576.26	94.11
		For Tempered Low-E Insulated Glass, Add	*277.61*	
08 52 16 00-0354	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,622.58	96.42
		For Tempered Low-E Insulated Glass, Add	*285.95*	

08 52 16 00-0355 Casement Wood Clad Windows *(08 52 16)*

Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.

08 52 16 00-0356 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0355)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0357 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0356)*

08 52 16 00-0358 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0359	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	451.34	43.88
		For Tempered Clear Insulated Glass, Add	*72.95*	
08 52 16 00-0360	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	477.44	45.04
		For Tempered Clear Insulated Glass, Add	*77.47*	
08 52 16 00-0361	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	506.59	47.34
		For Tempered Clear Insulated Glass, Add	*82.38*	
08 52 16 00-0362	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	533.42	49.66
		For Tempered Clear Insulated Glass, Add	*86.82*	

08 52 16 00-0363 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0364	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	484.26	46.19
		For Tempered Clear Insulated Glass, Add	*78.61*	
08 52 16 00-0365	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	510.36	47.34
		For Tempered Clear Insulated Glass, Add	*83.13*	
08 52 16 00-0366	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	539.48	49.66
		For Tempered Clear Insulated Glass, Add	*88.03*	
08 52 16 00-0367	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	553.79	51.97
		For Tempered Clear Insulated Glass, Add	*89.97*	
08 52 16 00-0368	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	587.64	54.27
		For Tempered Clear Insulated Glass, Add	*96.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0369		**35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		
08 52 16 00-0370	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	543.25	49.66
		For Tempered Clear Insulated Glass, Add	*88.79*	
08 52 16 00-0371	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	571.24	51.97
		For Tempered Clear Insulated Glass, Add	*93.69*	
08 52 16 00-0372	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	600.36	53.70
		For Tempered Clear Insulated Glass, Add	*98.59*	
08 52 16 00-0373	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	646.47	56.01
		For Tempered Clear Insulated Glass, Add	*106.89*	
08 52 16 00-0374	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	690.41	57.74
		For Tempered Clear Insulated Glass, Add	*114.99*	
08 52 16 00-0375	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	733.33	58.90
		For Tempered Clear Insulated Glass, Add	*123.11*	
08 52 16 00-0376		**40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		
08 52 16 00-0377	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	582.97	53.12
		For Tempered Clear Insulated Glass, Add	*95.58*	
08 52 16 00-0378	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	609.05	54.27
		For Tempered Clear Insulated Glass, Add	*100.10*	
08 52 16 00-0379	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	638.20	56.59
		For Tempered Clear Insulated Glass, Add	*105.01*	
08 52 16 00-0380	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	705.05	58.90
		For Tempered Clear Insulated Glass, Add	*117.45*	
08 52 16 00-0381	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	751.09	61.20
		For Tempered Clear Insulated Glass, Add	*125.97*	
08 52 16 00-0382	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	794.21	63.51
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0383		**48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		
08 52 16 00-0384	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	639.35	57.74
		For Tempered Clear Insulated Glass, Add	*105.01*	
08 52 16 00-0385	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	667.33	58.90
		For Tempered Clear Insulated Glass, Add	*109.91*	
08 52 16 00-0386	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	696.46	61.20
		For Tempered Clear Insulated Glass, Add	*114.81*	
08 52 16 00-0387	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	788.76	63.51
		For Tempered Clear Insulated Glass, Add	*132.35*	
08 52 16 00-0388	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	824.78	65.82
		For Tempered Clear Insulated Glass, Add	*138.86*	
08 52 16 00-0389	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	878.88	68.13
		For Tempered Clear Insulated Glass, Add	*148.75*	
08 52 16 00-0390		**52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		
08 52 16 00-0391	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	677.91	60.05
		For Tempered Clear Insulated Glass, Add	*111.79*	
08 52 16 00-0392	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	704.00	61.20
		For Tempered Clear Insulated Glass, Add	*116.32*	
08 52 16 00-0393	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	733.15	63.51
		For Tempered Clear Insulated Glass, Add	*121.22*	
08 52 16 00-0394	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	847.13	65.82
		For Tempered Clear Insulated Glass, Add	*143.10*	
08 52 16 00-0395	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	901.01	68.13
		For Tempered Clear Insulated Glass, Add	*153.18*	
08 52 16 00-0396	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	936.30	70.44
		For Tempered Clear Insulated Glass, Add	*159.31*	
08 52 16 00-0397		**59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		
08 52 16 00-0398	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	733.15	63.51
		For Tempered Clear Insulated Glass, Add	*121.22*	
08 52 16 00-0399	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	761.12	65.82
		For Tempered Clear Insulated Glass, Add	*126.13*	
08 52 16 00-0400	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	790.25	67.55
		For Tempered Clear Insulated Glass, Add	*131.03*	
08 52 16 00-0401	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	930.65	69.87
		For Tempered Clear Insulated Glass, Add	*158.18*	
08 52 16 00-0402	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	968.77	71.60
		For Tempered Clear Insulated Glass, Add	*165.12*	
08 52 16 00-0403	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,019.81	73.91
		For Tempered Clear Insulated Glass, Add	*174.40*	
08 52 16 00-0404		**64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0357)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0405	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	772.86	66.98
		For Tempered Clear Insulated Glass, Add	*128.01*	
08 52 16 00-0406	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	798.95	68.13
		For Tempered Clear Insulated Glass, Add	*132.54*	
08 52 16 00-0407	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	828.08	70.44
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0408	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	989.22	72.75
		For Tempered Clear Insulated Glass, Add	*168.74*	
08 52 16 00-0409	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,024.67	75.06
		For Tempered Clear Insulated Glass, Add	*175.14*	
08 52 16 00-0410	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,078.38	77.37
		For Tempered Clear Insulated Glass, Add	*184.96*	

08 52 16 00-0411 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0412	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	828.08	70.44
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0413	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	856.06	72.75
		For Tempered Clear Insulated Glass, Add	*142.34*	
08 52 16 00-0414	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	885.20	74.48
		For Tempered Clear Insulated Glass, Add	*147.25*	
08 52 16 00-0415	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,072.73	76.80
		For Tempered Clear Insulated Glass, Add	*183.83*	
08 52 16 00-0416	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,116.30	78.52
		For Tempered Clear Insulated Glass, Add	*191.85*	
08 52 16 00-0417	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,161.89	80.84
		For Tempered Clear Insulated Glass, Add	*200.05*	

08 52 16 00-0418 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0356)*

08 52 16 00-0419 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0418)*

08 52 16 00-0420	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	811.58	56.59
		For Tempered Clear Insulated Glass, Add	*139.68*	
08 52 16 00-0421	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	922.92	61.20
		For Tempered Clear Insulated Glass, Add	*160.10*	
08 52 16 00-0422	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,052.04	65.82
		For Tempered Clear Insulated Glass, Add	*184.08*	

08 52 16 00-0423 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0418)*

08 52 16 00-0424	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	876.04	58.90
		For Tempered Clear Insulated Glass, Add	*151.65*	
08 52 16 00-0425	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	987.39	63.51
		For Tempered Clear Insulated Glass, Add	*172.07*	
08 52 16 00-0426	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,116.50	68.13
		For Tempered Clear Insulated Glass, Add	*196.05*	

08 52 16 00-0427 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0418)*

08 52 16 00-0428	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	868.02	58.90
		For Tempered Clear Insulated Glass, Add	*150.05*	
08 52 16 00-0429	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	981.70	63.51
		For Tempered Clear Insulated Glass, Add	*171.17*	
08 52 16 00-0430	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,100.31	68.13
		For Tempered Clear Insulated Glass, Add	*193.04*	
08 52 16 00-0431	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,237.77	72.17
		For Tempered Clear Insulated Glass, Add	*218.69*	
08 52 16 00-0432	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,329.80	75.64
		For Tempered Clear Insulated Glass, Add	*235.71*	
08 52 16 00-0433	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,483.26	80.84
		For Tempered Clear Insulated Glass, Add	*264.32*	

08 52 16 00-0434 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0418)*

08 52 16 00-0435	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	947.33	61.78
		For Tempered Clear Insulated Glass, Add	*164.75*	
08 52 16 00-0436	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,061.01	65.82
		For Tempered Clear Insulated Glass, Add	*185.87*	
08 52 16 00-0437	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,179.62	70.44
		For Tempered Clear Insulated Glass, Add	*207.75*	
08 52 16 00-0438	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,317.09	75.06
		For Tempered Clear Insulated Glass, Add	*233.39*	
08 52 16 00-0439	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,419.12	78.52
		For Tempered Clear Insulated Glass, Add	*252.41*	
08 52 16 00-0440	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,851.10	83.72
		For Tempered Clear Insulated Glass, Add	*336.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0441		**48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0442	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,064.06	66.40
		For Tempered Clear Insulated Glass, Add	*186.25*	
08 52 16 00-0443	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,179.62	70.44
		For Tempered Clear Insulated Glass, Add	*207.75*	
08 52 16 00-0444	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,298.24	75.06
		For Tempered Clear Insulated Glass, Add	*229.62*	
08 52 16 00-0445	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,435.71	79.68
		For Tempered Clear Insulated Glass, Add	*255.27*	
08 52 16 00-0446	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,533.39	83.14
		For Tempered Clear Insulated Glass, Add	*273.42*	
08 52 16 00-0447	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,681.20	88.34
		For Tempered Clear Insulated Glass, Add	*300.90*	
08 52 16 00-0448		**52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0449	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,142.22	68.71
		For Tempered Clear Insulated Glass, Add	*200.96*	
08 52 16 00-0450	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,255.90	72.75
		For Tempered Clear Insulated Glass, Add	*222.08*	
08 52 16 00-0451	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,360.52	77.37
		For Tempered Clear Insulated Glass, Add	*241.16*	
08 52 16 00-0452	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,511.98	81.99
		For Tempered Clear Insulated Glass, Add	*269.60*	
08 52 16 00-0453	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,614.39	85.45
		For Tempered Clear Insulated Glass, Add	*288.70*	
08 52 16 00-0454	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,759.36	90.65
		For Tempered Clear Insulated Glass, Add	*315.61*	
08 52 16 00-0455		**59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0456	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,257.79	72.75
		For Tempered Clear Insulated Glass, Add	*222.46*	
08 52 16 00-0457	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,371.47	77.37
		For Tempered Clear Insulated Glass, Add	*243.58*	
08 52 16 00-0458	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,490.09	81.99
		For Tempered Clear Insulated Glass, Add	*265.45*	
08 52 16 00-0459	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,627.55	86.03
		For Tempered Clear Insulated Glass, Add	*291.10*	
08 52 16 00-0460	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,729.96	89.49
		For Tempered Clear Insulated Glass, Add	*310.19*	
08 52 16 00-0461	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,873.04	94.70
		For Tempered Clear Insulated Glass, Add	*336.73*	
08 52 16 00-0462		**64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0463	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,337.10	75.64
		For Tempered Clear Insulated Glass, Add	*237.17*	
08 52 16 00-0464	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,450.79	79.68
		For Tempered Clear Insulated Glass, Add	*258.29*	
08 52 16 00-0465	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,571.28	84.30
		For Tempered Clear Insulated Glass, Add	*280.54*	
08 52 16 00-0466	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,708.76	88.92
		For Tempered Clear Insulated Glass, Add	*306.18*	
08 52 16 00-0467		**71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0468	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,452.68	79.68
		For Tempered Clear Insulated Glass, Add	*258.66*	
08 52 16 00-0469	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,566.36	84.30
		For Tempered Clear Insulated Glass, Add	*279.78*	
08 52 16 00-0470	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,684.97	88.92
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0471	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,822.44	92.96
		For Tempered Clear Insulated Glass, Add	*327.30*	
08 52 16 00-0472		**One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0356)*		
08 52 16 00-0473		**24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0472)*		
08 52 16 00-0474	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,289.70	74.48
		For Tempered Clear Insulated Glass, Add	*228.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0475	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,501.03	81.99
		For Tempered Clear Insulated Glass, Add	*267.41*	
08 52 16 00-0476		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0477	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,369.01	76.80
		For Tempered Clear Insulated Glass, Add	*243.09*	
08 52 16 00-0478	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,566.34	84.30
		For Tempered Clear Insulated Glass, Add	*279.55*	
08 52 16 00-0479		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0480	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,317.48	75.06
		For Tempered Clear Insulated Glass, Add	*233.47*	
08 52 16 00-0481	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,487.04	80.84
		For Tempered Clear Insulated Glass, Add	*265.08*	
08 52 16 00-0482	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,696.29	88.92
		For Tempered Clear Insulated Glass, Add	*303.92*	
08 52 16 00-0483		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0484	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,392.96	78.52
		For Tempered Clear Insulated Glass, Add	*247.41*	
08 52 16 00-0485	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,568.24	83.72
		For Tempered Clear Insulated Glass, Add	*280.16*	
08 52 16 00-0486	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,775.60	91.23
		For Tempered Clear Insulated Glass, Add	*318.63*	
08 52 16 00-0487		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0488	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,684.97	88.34
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0489	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,892.33	95.85
		For Tempered Clear Insulated Glass, Add	*340.13*	
08 52 16 00-0490		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0491	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,763.13	90.65
		For Tempered Clear Insulated Glass, Add	*316.37*	
08 52 16 00-0492	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,970.49	98.16
		For Tempered Clear Insulated Glass, Add	*354.84*	
08 52 16 00-0493		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0494	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,876.82	94.70
		For Tempered Clear Insulated Glass, Add	*337.49*	
08 52 16 00-0495	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	2,086.06	102.78
		For Tempered Clear Insulated Glass, Add	*376.33*	
08 52 16 00-0496		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0355)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0497		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*		
08 52 16 00-0498		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0499	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	539.03	43.88
		For Tempered Low-E Insulated Glass, Add	*90.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0500	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	570.78	45.04
		For Tempered Low-E Insulated Glass, Add	*96.14*	
08 52 16 00-0501	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	606.06	47.34
		For Tempered Low-E Insulated Glass, Add	*102.27*	
08 52 16 00-0502	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	638.45	49.66
		For Tempered Low-E Insulated Glass, Add	*107.83*	

08 52 16 00-0503 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0504	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	579.02	46.19
		For Tempered Low-E Insulated Glass, Add	*97.56*	
08 52 16 00-0505	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	610.77	47.34
		For Tempered Low-E Insulated Glass, Add	*103.21*	
08 52 16 00-0506	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	646.03	49.66
		For Tempered Low-E Insulated Glass, Add	*109.34*	
08 52 16 00-0507	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	662.76	51.97
		For Tempered Low-E Insulated Glass, Add	*111.77*	
08 52 16 00-0508	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	704.20	54.27
		For Tempered Low-E Insulated Glass, Add	*119.36*	

08 52 16 00-0509 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0510	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	650.74	49.66
		For Tempered Low-E Insulated Glass, Add	*110.29*	
08 52 16 00-0511	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	684.85	51.97
		For Tempered Low-E Insulated Glass, Add	*116.41*	
08 52 16 00-0512	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	720.11	53.70
		For Tempered Low-E Insulated Glass, Add	*122.54*	
08 52 16 00-0513	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	776.58	56.01
		For Tempered Low-E Insulated Glass, Add	*132.91*	
08 52 16 00-0514	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	830.65	57.74
		For Tempered Low-E Insulated Glass, Add	*143.04*	
08 52 16 00-0515	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	883.72	58.90
		For Tempered Low-E Insulated Glass, Add	*153.19*	

08 52 16 00-0516 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0517	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	698.94	53.12
		For Tempered Low-E Insulated Glass, Add	*118.77*	
08 52 16 00-0518	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	730.68	54.27
		For Tempered Low-E Insulated Glass, Add	*124.43*	
08 52 16 00-0519	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	765.96	56.59
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0520	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	848.36	58.90
		For Tempered Low-E Insulated Glass, Add	*146.11*	
08 52 16 00-0521	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	905.05	61.20
		For Tempered Low-E Insulated Glass, Add	*156.76*	
08 52 16 00-0522	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	957.80	63.51
		For Tempered Low-E Insulated Glass, Add	*166.39*	

08 52 16 00-0523 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0524	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	767.11	57.74
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0525	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	801.22	58.90
		For Tempered Low-E Insulated Glass, Add	*136.69*	
08 52 16 00-0526	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	836.47	61.20
		For Tempered Low-E Insulated Glass, Add	*142.81*	
08 52 16 00-0527	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	950.70	63.51
		For Tempered Low-E Insulated Glass, Add	*164.73*	
08 52 16 00-0528	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	994.86	65.82
		For Tempered Low-E Insulated Glass, Add	*172.87*	
08 52 16 00-0529	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,061.33	68.13
		For Tempered Low-E Insulated Glass, Add	*185.24*	

08 52 16 00-0530 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0531	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	814.16	60.05
		For Tempered Low-E Insulated Glass, Add	*139.04*	
08 52 16 00-0532	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	845.90	61.20
		For Tempered Low-E Insulated Glass, Add	*144.70*	
08 52 16 00-0533	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	881.18	63.51
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0534	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,022.50	65.82
		For Tempered Low-E Insulated Glass, Add	*178.17*	
08 52 16 00-0535	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,088.99	68.13
		For Tempered Low-E Insulated Glass, Add	*190.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0536	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,131.95	70.44
		For Tempered Low-E Insulated Glass, Add	*198.44*	
08 52 16 00-0537		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0538	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	881.18	63.51
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0539	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	915.28	65.82
		For Tempered Low-E Insulated Glass, Add	*156.96*	
08 52 16 00-0540	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	950.54	67.55
		For Tempered Low-E Insulated Glass, Add	*163.09*	
08 52 16 00-0541	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,124.88	69.87
		For Tempered Low-E Insulated Glass, Add	*197.03*	
08 52 16 00-0542	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,171.66	71.60
		For Tempered Low-E Insulated Glass, Add	*205.69*	
08 52 16 00-0543	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,234.32	73.91
		For Tempered Low-E Insulated Glass, Add	*217.30*	
08 52 16 00-0544		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0545	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	929.37	66.98
		For Tempered Low-E Insulated Glass, Add	*159.31*	
08 52 16 00-0546	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	961.12	68.13
		For Tempered Low-E Insulated Glass, Add	*164.97*	
08 52 16 00-0547	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	996.38	70.44
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0548	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,196.65	72.75
		For Tempered Low-E Insulated Glass, Add	*210.23*	
08 52 16 00-0549	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,240.10	75.06
		For Tempered Low-E Insulated Glass, Add	*218.23*	
08 52 16 00-0550	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,306.09	77.37
		For Tempered Low-E Insulated Glass, Add	*230.50*	
08 52 16 00-0551		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0552	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	996.38	70.44
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0553	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,030.49	72.75
		For Tempered Low-E Insulated Glass, Add	*177.23*	
08 52 16 00-0554	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,065.76	74.48
		For Tempered Low-E Insulated Glass, Add	*183.36*	
08 52 16 00-0555	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,299.01	76.80
		For Tempered Low-E Insulated Glass, Add	*229.09*	
08 52 16 00-0556	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,352.61	78.52
		For Tempered Low-E Insulated Glass, Add	*239.11*	
08 52 16 00-0557	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,408.45	80.84
		For Tempered Low-E Insulated Glass, Add	*249.36*	
08 52 16 00-0558		Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*		
08 52 16 00-0559		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0560	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	979.18	56.59
		For Tempered Low-E Insulated Glass, Add	*173.20*	
08 52 16 00-0561	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,116.05	61.20
		For Tempered Low-E Insulated Glass, Add	*198.73*	
08 52 16 00-0562	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,275.14	65.82
		For Tempered Low-E Insulated Glass, Add	*228.70*	
08 52 16 00-0563		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0564	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,058.60	58.90
		For Tempered Low-E Insulated Glass, Add	*188.16*	
08 52 16 00-0565	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,195.49	63.51
		For Tempered Low-E Insulated Glass, Add	*213.69*	
08 52 16 00-0566	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,354.56	68.13
		For Tempered Low-E Insulated Glass, Add	*243.66*	
08 52 16 00-0567		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0568	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,048.58	58.90
		For Tempered Low-E Insulated Glass, Add	*186.16*	
08 52 16 00-0569	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,188.66	63.51
		For Tempered Low-E Insulated Glass, Add	*212.56*	
08 52 16 00-0570	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,334.61	68.13
		For Tempered Low-E Insulated Glass, Add	*239.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0571	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,504.13	72.17
		For Tempered Low-E Insulated Glass, Add	*271.96*	
08 52 16 00-0572	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,617.43	75.64
		For Tempered Low-E Insulated Glass, Add	*293.23*	
08 52 16 00-0573	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,806.67	80.84
		For Tempered Low-E Insulated Glass, Add	*329.00*	

08 52 16 00-0574 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0575	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,146.28	61.78
		For Tempered Low-E Insulated Glass, Add	*204.54*	
08 52 16 00-0576	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,286.36	65.82
		For Tempered Low-E Insulated Glass, Add	*230.94*	
08 52 16 00-0577	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,432.31	70.44
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0578	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,601.84	75.06
		For Tempered Low-E Insulated Glass, Add	*290.34*	
08 52 16 00-0579	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,727.64	78.52
		For Tempered Low-E Insulated Glass, Add	*314.12*	
08 52 16 00-0580	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,265.02	83.72
		For Tempered Low-E Insulated Glass, Add	*419.52*	

08 52 16 00-0581 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0582	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,289.87	66.40
		For Tempered Low-E Insulated Glass, Add	*231.41*	
08 52 16 00-0583	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,432.31	70.44
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0584	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,578.27	75.06
		For Tempered Low-E Insulated Glass, Add	*285.63*	
08 52 16 00-0585	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,747.79	79.68
		For Tempered Low-E Insulated Glass, Add	*317.69*	
08 52 16 00-0586	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,868.17	83.14
		For Tempered Low-E Insulated Glass, Add	*340.38*	
08 52 16 00-0587	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,050.33	88.34
		For Tempered Low-E Insulated Glass, Add	*374.73*	

08 52 16 00-0588 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0589	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,386.42	68.71
		For Tempered Low-E Insulated Glass, Add	*249.80*	
08 52 16 00-0590	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,526.50	72.75
		For Tempered Low-E Insulated Glass, Add	*276.20*	
08 52 16 00-0591	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,658.46	77.37
		For Tempered Low-E Insulated Glass, Add	*300.74*	
08 52 16 00-0592	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,841.99	81.99
		For Tempered Low-E Insulated Glass, Add	*335.60*	
08 52 16 00-0593	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,968.27	85.45
		For Tempered Low-E Insulated Glass, Add	*359.47*	
08 52 16 00-0594	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,146.88	90.65
		For Tempered Low-E Insulated Glass, Add	*393.12*	

08 52 16 00-0595 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0596	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,528.86	72.75
		For Tempered Low-E Insulated Glass, Add	*276.67*	
08 52 16 00-0597	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,668.94	77.37
		For Tempered Low-E Insulated Glass, Add	*303.07*	
08 52 16 00-0598	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,814.91	81.99
		For Tempered Low-E Insulated Glass, Add	*330.42*	
08 52 16 00-0599	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,984.42	86.03
		For Tempered Low-E Insulated Glass, Add	*362.47*	
08 52 16 00-0600	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,110.71	89.49
		For Tempered Low-E Insulated Glass, Add	*386.34*	
08 52 16 00-0601	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,286.96	94.70
		For Tempered Low-E Insulated Glass, Add	*419.52*	

08 52 16 00-0602 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0603	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,626.56	75.64
		For Tempered Low-E Insulated Glass, Add	*295.06*	
08 52 16 00-0604	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,766.65	79.68
		For Tempered Low-E Insulated Glass, Add	*321.46*	
08 52 16 00-0605	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,914.95	84.30
		For Tempered Low-E Insulated Glass, Add	*349.27*	
08 52 16 00-0606	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,084.49	88.92
		For Tempered Low-E Insulated Glass, Add	*381.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0607		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0608	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,769.01	79.68
		For Tempered Low-E Insulated Glass, Add	*321.93*	
08 52 16 00-0609	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,909.09	84.30
		For Tempered Low-E Insulated Glass, Add	*348.33*	
08 52 16 00-0610	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,055.05	88.92
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0611	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,224.57	92.96
		For Tempered Low-E Insulated Glass, Add	*407.73*	
08 52 16 00-0612		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*		
08 52 16 00-0613		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0614	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,571.39	74.48
		For Tempered Low-E Insulated Glass, Add	*284.48*	
08 52 16 00-0615	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,828.29	81.99
		For Tempered Low-E Insulated Glass, Add	*332.86*	
08 52 16 00-0616		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0617	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,665.87	76.80
		For Tempered Low-E Insulated Glass, Add	*302.46*	
08 52 16 00-0618	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,908.78	84.30
		For Tempered Low-E Insulated Glass, Add	*348.04*	
08 52 16 00-0619		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0620	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,602.32	75.06
		For Tempered Low-E Insulated Glass, Add	*290.44*	
08 52 16 00-0621	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,811.38	80.84
		For Tempered Low-E Insulated Glass, Add	*329.94*	
08 52 16 00-0622	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,069.19	88.92
		For Tempered Low-E Insulated Glass, Add	*378.50*	
08 52 16 00-0623		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0624	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,695.22	78.52
		For Tempered Low-E Insulated Glass, Add	*307.86*	
08 52 16 00-0625	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,911.45	83.72
		For Tempered Low-E Insulated Glass, Add	*348.80*	
08 52 16 00-0626	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,166.89	91.23
		For Tempered Low-E Insulated Glass, Add	*396.89*	
08 52 16 00-0627		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0628	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,055.05	88.34
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0629	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,310.49	95.85
		For Tempered Low-E Insulated Glass, Add	*423.76*	
08 52 16 00-0630		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0631	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,151.59	90.65
		For Tempered Low-E Insulated Glass, Add	*394.06*	
08 52 16 00-0632	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,407.04	98.16
		For Tempered Low-E Insulated Glass, Add	*442.15*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0633			59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
08 52 16 00-0634		EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,291.68	94.70
			For Tempered Low-E Insulated Glass, Add	*420.46*	
08 52 16 00-0635		EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,549.47	102.78
			For Tempered Low-E Insulated Glass, Add	*469.02*	
08 52 16 00-0636			Awning Wood Clad Windows *(08 52 16)*		
			Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0637			Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0636)*		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0638			Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0637)*		
08 52 16 00-0639			17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0640		EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	488.60	47.34
			For Tempered Clear Insulated Glass, Add	*78.78*	
08 52 16 00-0641		EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	523.38	49.66
			For Tempered Clear Insulated Glass, Add	*84.81*	
08 52 16 00-0642		EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	551.92	51.38
			For Tempered Clear Insulated Glass, Add	*89.83*	
08 52 16 00-0643		EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	588.04	53.70
			For Tempered Clear Insulated Glass, Add	*96.13*	
08 52 16 00-0644		EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	629.65	56.59
			For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0645		EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	693.56	61.20
			For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0646		EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	734.02	63.51
			For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0647		EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	793.01	68.13
			For Tempered Clear Insulated Glass, Add	*131.58*	
08 52 16 00-0648		EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	814.92	70.44
			For Tempered Clear Insulated Glass, Add	*134.81*	
08 52 16 00-0649		EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	873.28	74.48
			For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0650			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0651		EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	515.62	49.66
			For Tempered Clear Insulated Glass, Add	*83.49*	
08 52 16 00-0652		EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	553.25	51.97
			For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0653		EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	577.77	53.12
			For Tempered Clear Insulated Glass, Add	*94.31*	
08 52 16 00-0654		EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	617.91	55.43
			For Tempered Clear Insulated Glass, Add	*101.41*	
08 52 16 00-0655		EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	659.51	58.90
			For Tempered Clear Insulated Glass, Add	*108.58*	
08 52 16 00-0656		EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	721.55	62.94
			For Tempered Clear Insulated Glass, Add	*119.14*	
08 52 16 00-0657		EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	761.99	65.82
			For Tempered Clear Insulated Glass, Add	*126.30*	
08 52 16 00-0658		EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	822.88	69.28
			For Tempered Clear Insulated Glass, Add	*136.86*	
08 52 16 00-0659		EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	842.59	72.75
			For Tempered Clear Insulated Glass, Add	*139.65*	
08 52 16 00-0660		EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	902.81	76.21
			For Tempered Clear Insulated Glass, Add	*150.08*	
08 52 16 00-0661		EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,396.72	84.30
			For Tempered Clear Insulated Glass, Add	*245.86*	
08 52 16 00-0662			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0663		EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	549.48	51.97
			For Tempered Clear Insulated Glass, Add	*89.34*	
08 52 16 00-0664		EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	584.26	54.27
			For Tempered Clear Insulated Glass, Add	*95.37*	
08 52 16 00-0665		EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	607.98	55.43
			For Tempered Clear Insulated Glass, Add	*99.42*	
08 52 16 00-0666		EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	648.92	57.74
			For Tempered Clear Insulated Glass, Add	*106.69*	
08 52 16 00-0667		EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	690.53	61.20
			For Tempered Clear Insulated Glass, Add	*113.86*	
08 52 16 00-0668		EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	754.45	65.24
			For Tempered Clear Insulated Glass, Add	*124.79*	
08 52 16 00-0669		EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	794.90	68.13
			For Tempered Clear Insulated Glass, Add	*131.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0670	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	855.78	71.60
		For Tempered Clear Insulated Glass, Add	*142.52*	
08 52 16 00-0671	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	873.28	75.06
		For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0672	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	931.56	78.52
		For Tempered Clear Insulated Glass, Add	*154.90*	
08 52 16 00-0673	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,470.11	86.60
		For Tempered Clear Insulated Glass, Add	*259.61*	

08 52 16 00-0674 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0675	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	548.44	54.27
		For Tempered Clear Insulated Glass, Add	*88.21*	
08 52 16 00-0676	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	602.09	56.59
		For Tempered Clear Insulated Glass, Add	*98.02*	
08 52 16 00-0677	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	636.58	57.74
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0678	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	700.69	60.05
		For Tempered Clear Insulated Glass, Add	*116.12*	
08 52 16 00-0679	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	764.92	63.51
		For Tempered Clear Insulated Glass, Add	*127.81*	
08 52 16 00-0680	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	859.02	67.55
		For Tempered Clear Insulated Glass, Add	*144.78*	
08 52 16 00-0681	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	920.21	70.44
		For Tempered Clear Insulated Glass, Add	*156.10*	
08 52 16 00-0682	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,013.15	73.91
		For Tempered Clear Insulated Glass, Add	*173.07*	
08 52 16 00-0683	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,047.32	77.37
		For Tempered Clear Insulated Glass, Add	*178.75*	
08 52 16 00-0684	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,137.32	80.84
		For Tempered Clear Insulated Glass, Add	*195.13*	
08 52 16 00-0685	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,510.06	88.92
		For Tempered Clear Insulated Glass, Add	*266.68*	

08 52 16 00-0686 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0687	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	636.58	57.74
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0688	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	673.63	59.47
		For Tempered Clear Insulated Glass, Add	*110.94*	
08 52 16 00-0689	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	724.63	61.78
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0690	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	781.58	64.67
		For Tempered Clear Insulated Glass, Add	*130.45*	
08 52 16 00-0691	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	864.39	69.28
		For Tempered Clear Insulated Glass, Add	*145.16*	
08 52 16 00-0692	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	921.78	71.60
		For Tempered Clear Insulated Glass, Add	*155.72*	
08 52 16 00-0693	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,003.43	76.21
		For Tempered Clear Insulated Glass, Add	*170.43*	
08 52 16 00-0694	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,060.39	78.52
		For Tempered Clear Insulated Glass, Add	*180.67*	
08 52 16 00-0695	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,143.63	82.56
		For Tempered Clear Insulated Glass, Add	*195.70*	
08 52 16 00-0696	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,610.76	90.07
		For Tempered Clear Insulated Glass, Add	*286.12*	

08 52 16 00-0697 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0698	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	724.63	61.78
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0699	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	797.40	64.09
		For Tempered Clear Insulated Glass, Add	*133.84*	
08 52 16 00-0700	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	861.64	66.98
		For Tempered Clear Insulated Glass, Add	*145.54*	
08 52 16 00-0701	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	955.72	71.60
		For Tempered Clear Insulated Glass, Add	*162.51*	
08 52 16 00-0702	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,018.80	73.91
		For Tempered Clear Insulated Glass, Add	*174.20*	
08 52 16 00-0703	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,109.86	78.52
		For Tempered Clear Insulated Glass, Add	*190.79*	
08 52 16 00-0704	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	967.89	80.84
		For Tempered Clear Insulated Glass, Add	*161.25*	
08 52 16 00-0705	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,039.30	84.88
		For Tempered Clear Insulated Glass, Add	*173.91*	

08 52 16 00-0706 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0707	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	850.32	66.98
		For Tempered Clear Insulated Glass, Add	*143.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0708	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	957.92	70.44
		For Tempered Clear Insulated Glass, Add	*163.64*	

08 52 16 00-0709 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0710	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,012.30	71.60
		For Tempered Clear Insulated Glass, Add	*173.82*	
08 52 16 00-0711	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,121.79	75.06
		For Tempered Clear Insulated Glass, Add	*194.56*	
08 52 16 00-0712	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,281.88	79.10
		For Tempered Clear Insulated Glass, Add	*224.74*	

08 52 16 00-0713 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0714	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,254.66	77.95
		For Tempered Clear Insulated Glass, Add	*219.75*	
08 52 16 00-0715	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,350.48	80.84
		For Tempered Clear Insulated Glass, Add	*237.76*	

08 52 16 00-0716 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0717	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,372.89	78.52
		For Tempered Clear Insulated Glass, Add	*243.17*	
08 52 16 00-0718	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,419.98	84.88
		For Tempered Clear Insulated Glass, Add	*250.04*	
08 52 16 00-0719	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,572.25	87.77
		For Tempered Clear Insulated Glass, Add	*279.35*	
08 52 16 00-0720	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,727.66	92.38
		For Tempered Clear Insulated Glass, Add	*308.58*	

08 52 16 00-0721 Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0637)*

08 52 16 00-0722 17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*

08 52 16 00-0723	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	430.15	47.34
		For Tempered Clear Insulated Glass, Add	*67.09*	
08 52 16 00-0724	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	463.04	49.66
		For Tempered Clear Insulated Glass, Add	*72.75*	
08 52 16 00-0725	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	484.75	51.38
		For Tempered Clear Insulated Glass, Add	*76.39*	
08 52 16 00-0726	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.15	53.70
		For Tempered Clear Insulated Glass, Add	*82.55*	
08 52 16 00-0727	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	557.99	56.59
		For Tempered Clear Insulated Glass, Add	*88.96*	
08 52 16 00-0728	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	616.25	61.20
		For Tempered Clear Insulated Glass, Add	*98.77*	
08 52 16 00-0729	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	651.05	63.51
		For Tempered Clear Insulated Glass, Add	*104.80*	
08 52 16 00-0730	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	706.27	68.13
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0731	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	744.10	70.44
		For Tempered Clear Insulated Glass, Add	*120.64*	
08 52 16 00-0732	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	799.33	74.48
		For Tempered Clear Insulated Glass, Add	*130.07*	

08 52 16 00-0733 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*

08 52 16 00-0734	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	456.23	49.66
		For Tempered Clear Insulated Glass, Add	*71.61*	
08 52 16 00-0735	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	489.14	51.97
		For Tempered Clear Insulated Glass, Add	*77.27*	
08 52 16 00-0736	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	509.00	53.12
		For Tempered Clear Insulated Glass, Add	*80.55*	
08 52 16 00-0737	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	548.13	55.43
		For Tempered Clear Insulated Glass, Add	*87.45*	
08 52 16 00-0738	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	585.96	58.90
		For Tempered Clear Insulated Glass, Add	*93.87*	
08 52 16 00-0739	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	642.35	62.94
		For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0740	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	679.02	65.82
		For Tempered Clear Insulated Glass, Add	*109.71*	
08 52 16 00-0741	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	732.36	69.28
		For Tempered Clear Insulated Glass, Add	*118.76*	
08 52 16 00-0742	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	772.07	72.75
		For Tempered Clear Insulated Glass, Add	*125.55*	
08 52 16 00-0743	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	825.42	76.21
		For Tempered Clear Insulated Glass, Add	*134.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0744		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0745	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	485.37	51.97
		For Tempered Clear Insulated Glass, Add	*76.52*	
08 52 16 00-0746	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	518.26	54.27
		For Tempered Clear Insulated Glass, Add	*82.17*	
08 52 16 00-0747	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	536.01	55.43
		For Tempered Clear Insulated Glass, Add	*85.03*	
08 52 16 00-0748	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	575.37	57.74
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0749	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	613.21	61.20
		For Tempered Clear Insulated Glass, Add	*98.39*	
08 52 16 00-0750	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	669.59	65.24
		For Tempered Clear Insulated Glass, Add	*107.82*	
08 52 16 00-0751	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	706.27	68.13
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0752	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	761.49	71.60
		For Tempered Clear Insulated Glass, Add	*123.66*	
08 52 16 00-0753	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	799.33	75.06
		For Tempered Clear Insulated Glass, Add	*130.07*	
08 52 16 00-0754	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	854.56	78.52
		For Tempered Clear Insulated Glass, Add	*139.50*	
08 52 16 00-0755		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0756	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	488.09	54.27
		For Tempered Clear Insulated Glass, Add	*76.14*	
08 52 16 00-0757	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	532.31	56.59
		For Tempered Clear Insulated Glass, Add	*84.06*	
08 52 16 00-0758	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.61	57.74
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0759	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	580.00	60.05
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0760	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	663.09	63.51
		For Tempered Clear Insulated Glass, Add	*107.44*	
08 52 16 00-0761	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	738.33	67.55
		For Tempered Clear Insulated Glass, Add	*120.64*	
08 52 16 00-0762	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	788.21	70.44
		For Tempered Clear Insulated Glass, Add	*129.70*	
08 52 16 00-0763	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	862.29	73.91
		For Tempered Clear Insulated Glass, Add	*142.90*	
08 52 16 00-0764	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	915.20	77.37
		For Tempered Clear Insulated Glass, Add	*152.32*	
08 52 16 00-0765	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	989.28	80.84
		For Tempered Clear Insulated Glass, Add	*165.52*	
08 52 16 00-0766		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0767	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.61	57.74
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0768	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	587.27	59.47
		For Tempered Clear Insulated Glass, Add	*93.67*	
08 52 16 00-0769	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.67	61.78
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0770	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	676.02	64.67
		For Tempered Clear Insulated Glass, Add	*109.34*	
08 52 16 00-0771	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	744.44	69.28
		For Tempered Clear Insulated Glass, Add	*121.17*	
08 52 16 00-0772	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	790.64	71.60
		For Tempered Clear Insulated Glass, Add	*129.49*	
08 52 16 00-0773	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	857.89	76.21
		For Tempered Clear Insulated Glass, Add	*141.32*	
08 52 16 00-0774	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	903.66	78.52
		For Tempered Clear Insulated Glass, Add	*149.32*	
08 52 16 00-0775	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	970.91	82.56
		For Tempered Clear Insulated Glass, Add	*161.16*	
08 52 16 00-0776		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0777	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.67	61.78
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0778	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	689.91	64.09
		For Tempered Clear Insulated Glass, Add	*112.35*	
08 52 16 00-0779	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	740.95	66.98
		For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0780	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	818.07	71.60
		For Tempered Clear Insulated Glass, Add	*134.98*	
08 52 16 00-0781	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	867.94	73.91
		For Tempered Clear Insulated Glass, Add	*144.03*	
08 52 16 00-0782	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	942.03	78.52
		For Tempered Clear Insulated Glass, Add	*157.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0783	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	993.05	80.84
		For Tempered Clear Insulated Glass, Add	*166.28*	
08 52 16 00-0784	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	1,067.15	84.88
		For Tempered Clear Insulated Glass, Add	*179.48*	

08 52 16 00-0785 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0636)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0786 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0785)*

08 52 16 00-0787 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0788	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	581.95	47.34
		For Tempered Low-E Insulated Glass, Add	*97.45*	
08 52 16 00-0789	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	624.27	49.66
		For Tempered Low-E Insulated Glass, Add	*104.99*	
08 52 16 00-0790	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	659.07	51.38
		For Tempered Low-E Insulated Glass, Add	*111.26*	
08 52 16 00-0791	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	703.07	53.70
		For Tempered Low-E Insulated Glass, Add	*119.14*	
08 52 16 00-0792	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	753.63	56.59
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0793	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	831.22	61.20
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0794	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	880.64	63.51
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0795	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	952.36	68.13
		For Tempered Low-E Insulated Glass, Add	*163.45*	
08 52 16 00-0796	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	978.30	70.44
		For Tempered Low-E Insulated Glass, Add	*167.48*	
08 52 16 00-0797	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,049.23	74.48
		For Tempered Low-E Insulated Glass, Add	*180.05*	

08 52 16 00-0798 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0799	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	614.86	49.66
		For Tempered Low-E Insulated Glass, Add	*103.34*	
08 52 16 00-0800	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	660.74	51.97
		For Tempered Low-E Insulated Glass, Add	*111.59*	
08 52 16 00-0801	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	690.52	53.12
		For Tempered Low-E Insulated Glass, Add	*116.86*	
08 52 16 00-0802	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	739.54	55.43
		For Tempered Low-E Insulated Glass, Add	*125.74*	
08 52 16 00-0803	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	790.09	58.90
		For Tempered Low-E Insulated Glass, Add	*134.69*	
08 52 16 00-0804	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	865.33	62.94
		For Tempered Low-E Insulated Glass, Add	*147.89*	
08 52 16 00-0805	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	914.74	65.82
		For Tempered Low-E Insulated Glass, Add	*156.85*	
08 52 16 00-0806	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	988.82	69.28
		For Tempered Low-E Insulated Glass, Add	*170.05*	
08 52 16 00-0807	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,012.01	72.75
		For Tempered Low-E Insulated Glass, Add	*173.53*	
08 52 16 00-0808	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,085.27	76.21
		For Tempered Low-E Insulated Glass, Add	*186.57*	
08 52 16 00-0809	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,698.91	84.30
		For Tempered Low-E Insulated Glass, Add	*306.29*	

08 52 16 00-0810 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0811	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	656.03	51.97
		For Tempered Low-E Insulated Glass, Add	*110.65*	
08 52 16 00-0812	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	698.35	54.27
		For Tempered Low-E Insulated Glass, Add	*118.19*	
08 52 16 00-0813	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	727.12	55.43
		For Tempered Low-E Insulated Glass, Add	*123.25*	
08 52 16 00-0814	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	777.15	57.74
		For Tempered Low-E Insulated Glass, Add	*132.34*	
08 52 16 00-0815	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	827.71	61.20
		For Tempered Low-E Insulated Glass, Add	*141.29*	
08 52 16 00-0816	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	905.31	65.24
		For Tempered Low-E Insulated Glass, Add	*154.96*	
08 52 16 00-0817	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	954.72	68.13
		For Tempered Low-E Insulated Glass, Add	*163.92*	
08 52 16 00-0818	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,028.80	71.60
		For Tempered Low-E Insulated Glass, Add	*177.12*	
08 52 16 00-0819	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,049.23	75.06
		For Tempered Low-E Insulated Glass, Add	*180.05*	
08 52 16 00-0820	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,120.06	78.52
		For Tempered Low-E Insulated Glass, Add	*192.60*	
08 52 16 00-0821	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,789.49	86.60
		For Tempered Low-E Insulated Glass, Add	*323.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0822 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0823	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	653.57	54.27
		For Tempered Low-E Insulated Glass, Add	*109.24*	
08 52 16 00-0824	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	719.47	56.59
		For Tempered Low-E Insulated Glass, Add	*121.49*	
08 52 16 00-0825	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	761.72	57.74
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0826	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	840.71	60.05
		For Tempered Low-E Insulated Glass, Add	*144.12*	
08 52 16 00-0827	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	919.55	63.51
		For Tempered Low-E Insulated Glass, Add	*158.74*	
08 52 16 00-0828	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,034.86	67.55
		For Tempered Low-E Insulated Glass, Add	*179.95*	
08 52 16 00-0829	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,110.19	70.44
		For Tempered Low-E Insulated Glass, Add	*194.09*	
08 52 16 00-0830	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,224.35	73.91
		For Tempered Low-E Insulated Glass, Add	*215.31*	
08 52 16 00-0831	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,265.62	77.37
		For Tempered Low-E Insulated Glass, Add	*222.41*	
08 52 16 00-0832	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,581.39	80.84
		For Tempered Low-E Insulated Glass, Add	*283.95*	
08 52 16 00-0833	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,838.27	88.92
		For Tempered Low-E Insulated Glass, Add	*332.32*	

08 52 16 00-0834 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0835	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	761.72	57.74
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0836	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	807.17	59.47
		For Tempered Low-E Insulated Glass, Add	*137.65*	
08 52 16 00-0837	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	869.77	61.78
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0838	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	939.51	64.67
		For Tempered Low-E Insulated Glass, Add	*162.04*	
08 52 16 00-0839	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,040.71	69.28
		For Tempered Low-E Insulated Glass, Add	*180.43*	
08 52 16 00-0840	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,111.30	71.60
		For Tempered Low-E Insulated Glass, Add	*193.62*	
08 52 16 00-0841	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,211.34	76.21
		For Tempered Low-E Insulated Glass, Add	*212.01*	
08 52 16 00-0842	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,281.09	78.52
		For Tempered Low-E Insulated Glass, Add	*224.81*	
08 52 16 00-0843	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,383.13	82.56
		For Tempered Low-E Insulated Glass, Add	*243.60*	
08 52 16 00-0844	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,963.29	90.07
		For Tempered Low-E Insulated Glass, Add	*356.63*	

08 52 16 00-0845 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0846	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	869.77	61.78
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0847	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	959.57	64.09
		For Tempered Low-E Insulated Glass, Add	*166.28*	
08 52 16 00-0848	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,038.42	66.98
		For Tempered Low-E Insulated Glass, Add	*180.89*	
08 52 16 00-0849	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,153.73	71.60
		For Tempered Low-E Insulated Glass, Add	*202.11*	
08 52 16 00-0850	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,231.42	73.91
		For Tempered Low-E Insulated Glass, Add	*216.72*	
08 52 16 00-0851	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,343.22	78.52
		For Tempered Low-E Insulated Glass, Add	*237.46*	
08 52 16 00-0852	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,164.32	80.84
		For Tempered Low-E Insulated Glass, Add	*200.53*	
08 52 16 00-0853	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,251.55	84.88
		For Tempered Low-E Insulated Glass, Add	*216.36*	

08 52 16 00-0854 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0855	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,018.50	66.98
		For Tempered Low-E Insulated Glass, Add	*178.06*	
08 52 16 00-0856	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,160.80	71.60
		For Tempered Low-E Insulated Glass, Add	*203.52*	

08 52 16 00-0857 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0858	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,224.44	71.60
		For Tempered Low-E Insulated Glass, Add	*216.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0859	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,359.87	75.06
		For Tempered Low-E Insulated Glass, Add	*242.18*	
08 52 16 00-0860	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,557.67	79.10
		For Tempered Low-E Insulated Glass, Add	*279.89*	

08 52 16 00-0861 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0862	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,524.22	77.95
		For Tempered Low-E Insulated Glass, Add	*273.66*	
08 52 16 00-0863	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,642.55	80.84
		For Tempered Low-E Insulated Glass, Add	*296.18*	

08 52 16 00-0864 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0865	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,671.72	78.52
		For Tempered Low-E Insulated Glass, Add	*302.93*	
08 52 16 00-0866	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,727.40	84.88
		For Tempered Low-E Insulated Glass, Add	*311.53*	
08 52 16 00-0867	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,916.30	87.77
		For Tempered Low-E Insulated Glass, Add	*348.16*	
08 52 16 00-0868	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	2,108.24	92.38
		For Tempered Low-E Insulated Glass, Add	*384.69*	

08 52 16 00-0869 Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0785)*

08 52 16 00-0870 17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0871	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.87	47.34
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0872	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	548.84	49.66
		For Tempered Low-E Insulated Glass, Add	*89.91*	
08 52 16 00-0873	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	575.11	51.38
		For Tempered Low-E Insulated Glass, Add	*94.47*	
08 52 16 00-0874	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	618.21	53.70
		For Tempered Low-E Insulated Glass, Add	*102.16*	
08 52 16 00-0875	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	664.06	56.59
		For Tempered Low-E Insulated Glass, Add	*110.18*	
08 52 16 00-0876	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	734.58	61.20
		For Tempered Low-E Insulated Glass, Add	*122.44*	
08 52 16 00-0877	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	776.92	63.51
		For Tempered Low-E Insulated Glass, Add	*129.98*	
08 52 16 00-0878	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	843.93	68.13
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0879	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	889.77	70.44
		For Tempered Low-E Insulated Glass, Add	*149.78*	
08 52 16 00-0880	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	956.79	74.48
		For Tempered Low-E Insulated Glass, Add	*161.56*	

08 52 16 00-0881 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0882	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	540.62	49.66
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0883	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	580.60	51.97
		For Tempered Low-E Insulated Glass, Add	*95.56*	
08 52 16 00-0884	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	604.56	53.12
		For Tempered Low-E Insulated Glass, Add	*99.66*	
08 52 16 00-0885	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	652.32	55.43
		For Tempered Low-E Insulated Glass, Add	*108.29*	
08 52 16 00-0886	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	698.16	58.90
		For Tempered Low-E Insulated Glass, Add	*116.31*	
08 52 16 00-0887	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	766.33	62.94
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0888	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	811.02	65.82
		For Tempered Low-E Insulated Glass, Add	*136.11*	
08 52 16 00-0889	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	875.68	69.28
		For Tempered Low-E Insulated Glass, Add	*147.42*	
08 52 16 00-0890	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	923.87	72.75
		For Tempered Low-E Insulated Glass, Add	*155.91*	
08 52 16 00-0891	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	988.54	76.21
		For Tempered Low-E Insulated Glass, Add	*167.22*	

08 52 16 00-0892 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0893	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	575.88	51.97
		For Tempered Low-E Insulated Glass, Add	*94.62*	
08 52 16 00-0894	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	615.85	54.27
		For Tempered Low-E Insulated Glass, Add	*101.69*	
08 52 16 00-0895	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	637.16	55.43
		For Tempered Low-E Insulated Glass, Add	*105.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0896	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	685.22	57.74
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0897	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	731.07	61.20
		For Tempered Low-E Insulated Glass, Add	*121.96*	
08 52 16 00-0898	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	799.24	65.24
		For Tempered Low-E Insulated Glass, Add	*133.75*	
08 52 16 00-0899	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	843.93	68.13
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0900	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	910.94	71.60
		For Tempered Low-E Insulated Glass, Add	*153.55*	
08 52 16 00-0901	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	956.79	75.06
		For Tempered Low-E Insulated Glass, Add	*161.56*	
08 52 16 00-0902	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,023.80	78.52
		For Tempered Low-E Insulated Glass, Add	*173.35*	

08 52 16 00-0903 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0904	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	578.14	54.27
		For Tempered Low-E Insulated Glass, Add	*94.15*	
08 52 16 00-0905	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	632.26	56.59
		For Tempered Low-E Insulated Glass, Add	*104.05*	
08 52 16 00-0906	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	661.76	57.74
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0907	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	689.85	60.05
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0908	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	792.26	63.51
		For Tempered Low-E Insulated Glass, Add	*133.28*	
08 52 16 00-0909	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	884.00	67.55
		For Tempered Low-E Insulated Glass, Add	*149.78*	
08 52 16 00-0910	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	945.19	70.44
		For Tempered Low-E Insulated Glass, Add	*161.09*	
08 52 16 00-0911	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,035.77	73.91
		For Tempered Low-E Insulated Glass, Add	*177.59*	
08 52 16 00-0912	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,100.47	77.37
		For Tempered Low-E Insulated Glass, Add	*189.38*	
08 52 16 00-0913	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,191.05	80.84
		For Tempered Low-E Insulated Glass, Add	*205.88*	

08 52 16 00-0914 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0915	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	661.76	57.74
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0916	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	699.22	59.47
		For Tempered Low-E Insulated Glass, Add	*116.06*	
08 52 16 00-0917	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	749.82	61.78
		For Tempered Low-E Insulated Glass, Add	*125.25*	
08 52 16 00-0918	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	807.57	64.67
		For Tempered Low-E Insulated Glass, Add	*135.65*	
08 52 16 00-0919	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	890.77	69.28
		For Tempered Low-E Insulated Glass, Add	*150.44*	
08 52 16 00-0920	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	947.37	71.60
		For Tempered Low-E Insulated Glass, Add	*160.84*	
08 52 16 00-0921	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,029.42	76.21
		For Tempered Low-E Insulated Glass, Add	*175.63*	
08 52 16 00-0922	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,085.18	78.52
		For Tempered Low-E Insulated Glass, Add	*185.63*	
08 52 16 00-0923	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,167.22	82.56
		For Tempered Low-E Insulated Glass, Add	*200.42*	

08 52 16 00-0924 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0925	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	749.82	61.78
		For Tempered Low-E Insulated Glass, Add	*125.25*	
08 52 16 00-0926	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	825.21	64.09
		For Tempered Low-E Insulated Glass, Add	*139.41*	
08 52 16 00-0927	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	887.57	66.98
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0928	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	981.65	71.60
		For Tempered Low-E Insulated Glass, Add	*167.69*	
08 52 16 00-0929	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,042.85	73.91
		For Tempered Low-E Insulated Glass, Add	*179.01*	
08 52 16 00-0930	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,133.44	78.52
		For Tempered Low-E Insulated Glass, Add	*195.51*	
08 52 16 00-0931	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,195.77	80.84
		For Tempered Low-E Insulated Glass, Add	*206.82*	
08 52 16 00-0932	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,286.37	84.88
		For Tempered Low-E Insulated Glass, Add	*223.32*	

08 52 16 00-0933 Horizontal Sliding Wood Clad Windows *(08 52 16)*

Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0934			One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0935			17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0936	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	605.33	61.20
			For Tempered Clear Insulated Glass, Add	*96.82*	
08 52 16 00-0937			23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0938	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	556.51	56.59
			For Tempered Clear Insulated Glass, Add	*88.44*	
	08 52 16 00-0939	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	651.83	64.67
			For Tempered Clear Insulated Glass, Add	*104.73*	
08 52 16 00-0940			35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0941	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	651.83	64.67
			For Tempered Clear Insulated Glass, Add	*104.73*	
	08 52 16 00-0942	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	747.14	71.60
			For Tempered Clear Insulated Glass, Add	*121.02*	
	08 52 16 00-0943	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	842.46	77.95
			For Tempered Clear Insulated Glass, Add	*137.31*	
	08 52 16 00-0944	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.78	84.88
			For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0945			41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0946	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	700.65	68.13
			For Tempered Clear Insulated Glass, Add	*113.11*	
	08 52 16 00-0947	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	793.64	75.06
			For Tempered Clear Insulated Glass, Add	*128.93*	
	08 52 16 00-0948	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	888.96	81.41
			For Tempered Clear Insulated Glass, Add	*145.23*	
	08 52 16 00-0949	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,065.72	88.34
			For Tempered Clear Insulated Glass, Add	*177.81*	
08 52 16 00-0950			47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0951	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	747.14	71.60
			For Tempered Clear Insulated Glass, Add	*121.02*	
	08 52 16 00-0952	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	842.46	78.52
			For Tempered Clear Insulated Glass, Add	*137.31*	
	08 52 16 00-0953	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.78	84.88
			For Tempered Clear Insulated Glass, Add	*153.60*	
	08 52 16 00-0954	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,033.07	91.81
			For Tempered Clear Insulated Glass, Add	*169.89*	
08 52 16 00-0955			53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0956	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	888.96	81.99
			For Tempered Clear Insulated Glass, Add	*145.23*	
	08 52 16 00-0957	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	984.26	88.34
			For Tempered Clear Insulated Glass, Add	*161.52*	
	08 52 16 00-0958	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,079.57	95.27
			For Tempered Clear Insulated Glass, Add	*177.81*	
08 52 16 00-0959			59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
	08 52 16 00-0960	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	937.78	85.45
			For Tempered Clear Insulated Glass, Add	*153.60*	
	08 52 16 00-0961	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,033.07	91.81
			For Tempered Clear Insulated Glass, Add	*169.89*	
	08 52 16 00-0962	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,128.57	98.74
			For Tempered Clear Insulated Glass, Add	*186.22*	
08 52 16 00-0963			Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0933)*		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0964		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0963)*		
08 52 16 00-0965	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,373.16	56.59
		For Tempered Low-E Insulated Glass, Add	*251.77*	
08 52 16 00-0966	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,636.05	64.67
		For Tempered Low-E Insulated Glass, Add	*301.57*	
08 52 16 00-0967		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0963)*		
08 52 16 00-0968	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,656.99	64.67
		For Tempered Low-E Insulated Glass, Add	*305.76*	
08 52 16 00-0969	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,922.20	71.60
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0970	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,185.09	77.95
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0971	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.97	84.88
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0972		41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0963)*		
08 52 16 00-0973	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,789.60	68.13
		For Tempered Low-E Insulated Glass, Add	*330.90*	
08 52 16 00-0974	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,052.48	75.06
		For Tempered Low-E Insulated Glass, Add	*380.70*	
08 52 16 00-0975	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,317.69	81.41
		For Tempered Low-E Insulated Glass, Add	*430.97*	
08 52 16 00-0976	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,580.57	88.34
		For Tempered Low-E Insulated Glass, Add	*480.78*	
08 52 16 00-0977		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0963)*		
08 52 16 00-0978	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,922.20	71.60
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0979	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,185.09	78.52
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0980	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.97	84.88
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0981	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,713.16	91.81
		For Tempered Low-E Insulated Glass, Add	*505.91*	
08 52 16 00-0982		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0963)*		
08 52 16 00-0983	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,185.09	78.52
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0984	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,447.97	85.45
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0985	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,713.16	91.81
		For Tempered Low-E Insulated Glass, Add	*505.91*	
08 52 16 00-0986	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,976.05	98.74
		For Tempered Low-E Insulated Glass, Add	*555.72*	
08 52 16 00-0987		Picture Wood Clad Windows *(08 52 16)*		
		Note: Picture windows are fixed windows.		
08 52 16 00-0988		Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0987)*		
08 52 16 00-0989		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0988)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0990		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-0991	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	476.42	46.19
		For Tempered Clear Insulated Glass, Add	*76.81*	
08 52 16 00-0992	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	558.39	50.81
		For Tempered Clear Insulated Glass, Add	*91.36*	
08 52 16 00-0993	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	593.47	53.12
		For Tempered Clear Insulated Glass, Add	*97.45*	
08 52 16 00-0994	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	643.85	57.74
		For Tempered Clear Insulated Glass, Add	*105.91*	
08 52 16 00-0995	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	678.39	60.05
		For Tempered Clear Insulated Glass, Add	*111.66*	
08 52 16 00-0996	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.76	64.67
		For Tempered Clear Insulated Glass, Add	*120.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0997		**35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-0998	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	527.49	56.59
		For Tempered Clear Insulated Glass, Add	*82.86*	
08 52 16 00-0999	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	611.54	60.05
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-1000	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	735.34	64.09
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-1001	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	816.33	66.40
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-1002	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	937.06	70.44
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-1003	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,021.11	73.33
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-1004	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,523.71	77.37
		For Tempered Clear Insulated Glass, Add	*273.79*	
08 52 16 00-1005		**40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-1006	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	611.54	60.05
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-1007	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	695.60	62.35
		For Tempered Clear Insulated Glass, Add	*114.18*	
08 52 16 00-1008	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	819.40	66.98
		For Tempered Clear Insulated Glass, Add	*137.09*	
08 52 16 00-1009	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	900.38	69.28
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-1010	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,021.11	73.91
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-1011	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,105.17	76.21
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-1012	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.90	80.84
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-1013		**48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-1014	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	735.34	64.67
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-1015	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	819.40	66.98
		For Tempered Clear Insulated Glass, Add	*137.09*	
08 52 16 00-1016	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	943.19	71.60
		For Tempered Clear Insulated Glass, Add	*160.00*	
08 52 16 00-1017	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,024.18	73.91
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-1018	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.92	78.52
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-1019	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,228.96	80.84
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-1020	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,349.71	85.45
		For Tempered Clear Insulated Glass, Add	*235.99*	
08 52 16 00-1021		**52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-1022	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	816.33	66.98
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-1023	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	900.38	69.28
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-1024	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,024.18	73.91
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-1025	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,105.17	76.21
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-1026	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.90	80.84
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-1027	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,309.96	83.14
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-1028	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,543.34	87.77
		For Tempered Clear Insulated Glass, Add	*273.79*	
08 52 16 00-1029		**59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-1030	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	937.06	70.44
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-1031	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,021.11	73.91
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-1032	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.92	77.95
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-1033	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.90	80.26
		For Tempered Clear Insulated Glass, Add	*213.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1034	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,346.63	84.30
		For Tempered Clear Insulated Glass, Add	*235.61*	
08 52 16 00-1035	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,430.69	87.18
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-1036	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,551.42	91.23
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-1037 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*

08 52 16 00-1038	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,021.11	73.91
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-1039	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,105.17	76.21
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-1040	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,228.96	80.84
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-1041	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,309.96	83.14
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-1042	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,543.34	87.77
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-1043 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*

08 52 16 00-1044	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,141.85	77.37
		For Tempered Clear Insulated Glass, Add	*197.42*	
08 52 16 00-1045	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,225.90	80.84
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-1046	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,349.71	84.88
		For Tempered Clear Insulated Glass, Add	*235.99*	
08 52 16 00-1047	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,430.69	87.18
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-1048	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,551.42	91.23
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-1049 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0988)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-1050 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1051	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	566.50	46.19
		For Tempered Low-E Insulated Glass, Add	*94.82*	
08 52 16 00-1052	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	665.54	50.81
		For Tempered Low-E Insulated Glass, Add	*112.79*	
08 52 16 00-1053	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	707.76	53.12
		For Tempered Low-E Insulated Glass, Add	*120.30*	
08 52 16 00-1054	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	768.06	57.74
		For Tempered Low-E Insulated Glass, Add	*130.75*	
08 52 16 00-1055	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	809.35	60.05
		For Tempered Low-E Insulated Glass, Add	*137.85*	
08 52 16 00-1056	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	869.64	64.67
		For Tempered Low-E Insulated Glass, Add	*148.29*	

08 52 16 00-1057 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1058	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	624.67	56.59
		For Tempered Low-E Insulated Glass, Add	*102.30*	
08 52 16 00-1059	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	727.09	60.05
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-1060	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	877.76	64.09
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-1061	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	976.66	66.40
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-1062	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,123.82	70.44
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-1063	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,226.23	73.33
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-1064	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,844.83	77.37
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-1065 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1066	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	727.09	60.05
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-1067	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	829.51	62.35
		For Tempered Low-E Insulated Glass, Add	*140.96*	
08 52 16 00-1068	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	980.18	66.98
		For Tempered Low-E Insulated Glass, Add	*169.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1069	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,079.08	69.28
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-1070	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,226.23	73.91
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-1071	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.65	76.21
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-1072	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.81	80.84
		For Tempered Low-E Insulated Glass, Add	*263.06*	

08 52 16 00-1073 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1074	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	877.76	64.67
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-1075	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	980.18	66.98
		For Tempered Low-E Insulated Glass, Add	*169.24*	
08 52 16 00-1076	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,130.84	71.60
		For Tempered Low-E Insulated Glass, Add	*197.53*	
08 52 16 00-1077	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,229.75	73.91
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-1078	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,376.91	78.52
		For Tempered Low-E Insulated Glass, Add	*244.20*	
08 52 16 00-1079	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,479.31	80.84
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-1080	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,626.49	85.45
		For Tempered Low-E Insulated Glass, Add	*291.35*	

08 52 16 00-1081 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1082	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	976.66	66.98
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-1083	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,079.08	69.28
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-1084	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,229.75	73.91
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-1085	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.65	76.21
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-1086	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.81	80.84
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-1087	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,578.23	83.14
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-1088	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,864.46	87.77
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-1089 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1090	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,123.82	70.44
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-1091	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,226.23	73.91
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-1092	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,376.91	77.95
		For Tempered Low-E Insulated Glass, Add	*244.20*	
08 52 16 00-1093	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.81	80.26
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-1094	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,622.96	84.30
		For Tempered Low-E Insulated Glass, Add	*290.87*	
08 52 16 00-1095	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,725.38	87.18
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-1096	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,872.54	91.23
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-1097 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1098	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,226.23	73.91
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-1099	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,328.65	76.21
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-1100	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,479.31	80.84
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-1101	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,578.23	83.14
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-1102	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,864.46	87.77
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-1103 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1104	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,373.39	77.37
		For Tempered Low-E Insulated Glass, Add	*243.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1105	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,475.81	80.84
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-1106	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,626.49	84.88
		For Tempered Low-E Insulated Glass, Add	*291.35*	
08 52 16 00-1107	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,725.38	87.18
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-1108	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,872.54	91.23
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-1109 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0987)*

08 52 16 00-1110 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1109)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-1111 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1112	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	676.94	72.17
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1113	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	

08 52 16 00-1114 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1115	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1116	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	

08 52 16 00-1117 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1118	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.63	82.56
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-1119	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	807.71	84.30
		For Tempered Clear Insulated Glass, Add	*127.82*	

08 52 16 00-1120 56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1121	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	676.94	72.75
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1122	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	789.63	82.56
		For Tempered Clear Insulated Glass, Add	*124.90*	

08 52 16 00-1123 59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1124	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1125	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	807.71	84.30
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1126	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1127	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	882.14	91.23
		For Tempered Clear Insulated Glass, Add	*139.94*	

08 52 16 00-1128 65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1129	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	882.14	91.23
		For Tempered Clear Insulated Glass, Add	*139.94*	

08 52 16 00-1130 71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*

08 52 16 00-1131	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	

08 52 16 00-1132 Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1109)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-1133 48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1134	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	762.28	54.27
		For Tempered Low-E Insulated Glass, Add	*130.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1135	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,066.86	69.28
		For Tempered Low-E Insulated Glass, Add	*185.89*	
08 52 16 00-1136	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,113.25	71.02
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-1137	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,182.84	74.48
		For Tempered Low-E Insulated Glass, Add	*206.77*	
08 52 16 00-1138	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,229.22	77.37
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-1139	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,324.11	81.41
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-1140	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.97	86.60
		For Tempered Low-E Insulated Glass, Add	*249.38*	

08 52 16 00-1141 52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1142	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	810.77	56.59
		For Tempered Low-E Insulated Glass, Add	*139.52*	
08 52 16 00-1143	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,113.25	71.60
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-1144	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,161.72	73.33
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-1145	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,229.22	76.80
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-1146	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,277.70	79.68
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-1147	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.58	83.72
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-1148	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,467.45	88.92
		For Tempered Low-E Insulated Glass, Add	*258.15*	

08 52 16 00-1149 56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1150	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	857.16	58.90
		For Tempered Low-E Insulated Glass, Add	*147.87*	
08 52 16 00-1151	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,161.72	73.91
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-1152	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,208.11	75.64
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-1153	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,277.70	79.10
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-1154	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,324.11	81.99
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-1155	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.97	86.03
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-1156	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.93	91.23
		For Tempered Low-E Insulated Glass, Add	*266.93*	

08 52 16 00-1157 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1158	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	905.63	61.20
		For Tempered Low-E Insulated Glass, Add	*156.65*	
08 52 16 00-1159	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,208.11	76.21
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-1160	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,256.61	77.95
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-1161	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,324.11	81.41
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-1162	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.58	84.30
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-1163	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,467.45	88.34
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1164	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,562.32	93.53
		For Tempered Low-E Insulated Glass, Add	*275.28*	

08 52 16 00-1165 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1166	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	952.04	63.51
		For Tempered Low-E Insulated Glass, Add	*165.00*	
08 52 16 00-1167	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,256.61	78.52
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-1168	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,305.08	80.26
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-1169	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,372.58	83.72
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-1170	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.97	86.60
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-1171	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.93	90.65
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1172	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,610.79	95.85
		For Tempered Low-E Insulated Glass, Add	*284.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1173		68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1174	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,000.51	65.82
		For Tempered Low-E Insulated Glass, Add	*173.77*	
08 52 16 00-1175	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,305.08	80.84
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-1176	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,351.47	82.56
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1177	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,418.97	86.03
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-1178	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,467.45	88.92
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1179	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,562.32	92.96
		For Tempered Low-E Insulated Glass, Add	*275.28*	
08 52 16 00-1180	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,657.20	98.16
		For Tempered Low-E Insulated Glass, Add	*292.41*	
08 52 16 00-1181		72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1182	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,046.90	68.13
		For Tempered Low-E Insulated Glass, Add	*182.13*	
08 52 16 00-1183	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,351.47	83.14
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1184	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,399.96	84.88
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1185	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,467.45	88.34
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1186	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.93	91.23
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1187	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,610.79	95.27
		For Tempered Low-E Insulated Glass, Add	*284.05*	
08 52 16 00-1188	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,705.68	100.46
		For Tempered Low-E Insulated Glass, Add	*301.18*	
08 52 16 00-1189		76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1190	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,095.38	70.44
		For Tempered Low-E Insulated Glass, Add	*190.90*	
08 52 16 00-1191	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,399.96	85.45
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1192	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,446.34	87.18
		For Tempered Low-E Insulated Glass, Add	*254.39*	
08 52 16 00-1193	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,515.93	90.65
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1194	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,562.32	93.53
		For Tempered Low-E Insulated Glass, Add	*275.28*	
08 52 16 00-1195	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,657.20	97.57
		For Tempered Low-E Insulated Glass, Add	*292.41*	
08 52 16 00-1196	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,752.06	102.78
		For Tempered Low-E Insulated Glass, Add	*309.53*	
08 52 16 00-1197		Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0987)*		
08 52 16 00-1198		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1197)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1199		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1200	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	676.94	72.17
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1201	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1202		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1203	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1204	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1205		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1206	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.63	82.56
		For Tempered Clear Insulated Glass, Add	*124.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1207	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	807.71	84.30
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1208		**56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1198)*		
08 52 16 00-1209	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	676.94	72.75
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1210	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	789.63	82.56
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-1211		**59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1198)*		
08 52 16 00-1212	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	695.03	73.91
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1213	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	807.71	84.30
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1214	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1215	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	882.14	91.23
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-1216		**65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1198)*		
08 52 16 00-1217	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	882.14	91.23
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-1218		**71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1198)*		
08 52 16 00-1219	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	843.88	87.77
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1220		**Basement Wood Clad Windows** *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1221		**Basement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-1220)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1222	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	356.14	46.19
08 52 16 00-1223	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	375.96	46.19
08 52 16 00-1224	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	393.38	46.19
08 52 16 00-1225		**Factory Installed Grilles For Wood Clad Windows** *(08 52 16)*		
08 52 16 00-1226		**Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1225)*		
08 52 16 00-1227	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	51.54	
08 52 16 00-1228	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	75.95	
08 52 16 00-1229	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	103.08	
08 52 16 00-1230	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	130.20	
08 52 16 00-1231	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	184.45	
08 52 16 00-1232		**Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1225)*		
08 52 16 00-1233	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	82.46	
08 52 16 00-1234	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	121.52	
08 52 16 00-1235	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	164.92	
08 52 16 00-1236	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	208.32	
08 52 16 00-1237	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	295.12	
08 52 16 00-1238		**Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1225)*		
08 52 16 00-1239	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	98.95	
08 52 16 00-1240	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	145.82	
08 52 16 00-1241	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	197.90	
08 52 16 00-1242	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	249.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1243	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	354.14	
08 52 16 00-1244		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1225)*		
08 52 16 00-1245	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	118.75	
08 52 16 00-1246	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	174.98	
08 52 16 00-1247	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	237.48	
08 52 16 00-1248	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	299.98	
08 52 16 00-1249	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	424.97	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		Insect Screens For Wood Clad Windows *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	50.15	10.48
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	58.49	10.48
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	62.66	10.48
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	71.00	10.48
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	87.68	10.48
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	96.02	10.48
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	104.37	10.48
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	112.71	10.48
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	3.38	0.21
08 53		**Plastic Windows** *(08 50)*		
08 53 13		**Vinyl Windows** *(08 53)*		
08 53 13 00-0001		Single Hung Vinyl Windows *(08 53 13)*		
08 53 13 00-0002		New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003		34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	429.63	53.12
		For Colored Vinyl, Add	*32.34*	
		For Tinted Glass, Add	*38.81*	
		For Low-E Insulated Glass, Add	*80.85*	
		For Obscure Glass, Add	*88.93*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	452.27	55.43
		For Colored Vinyl, Add	*34.14*	
		For Tinted Glass, Add	*40.97*	
		For Low-E Insulated Glass, Add	*85.35*	
		For Obscure Glass, Add	*93.89*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	461.54	56.59
		For Colored Vinyl, Add	*34.84*	
		For Tinted Glass, Add	*41.80*	
		For Low-E Insulated Glass, Add	*87.09*	
		For Obscure Glass, Add	*95.80*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	471.71	57.74
		For Colored Vinyl, Add	*35.62*	
		For Tinted Glass, Add	*42.75*	
		For Low-E Insulated Glass, Add	*89.06*	
		For Obscure Glass, Add	*97.97*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	498.37	60.05
		For Colored Vinyl, Add	*37.83*	
		For Tinted Glass, Add	*45.39*	
		For Low-E Insulated Glass, Add	*94.57*	
		For Obscure Glass, Add	*104.02*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	540.91	64.67
		For Colored Vinyl, Add	*41.16*	
		For Tinted Glass, Add	*49.39*	
		For Low-E Insulated Glass, Add	*102.90*	
		For Obscure Glass, Add	*113.18*	
08 53 13 00-0010		36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	438.27	54.27
		For Colored Vinyl, Add	*32.97*	
		For Tinted Glass, Add	*39.57*	
		For Low-E Insulated Glass, Add	*82.43*	
		For Obscure Glass, Add	*90.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	460.93	55.43
		For Colored Vinyl, Add	*34.78*	
		For Tinted Glass, Add	*41.73*	
		For Low-E Insulated Glass, Add	*86.94*	
		For Obscure Glass, Add	*95.63*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	470.18	57.74
		For Colored Vinyl, Add	*35.47*	
		For Tinted Glass, Add	*42.57*	
		For Low-E Insulated Glass, Add	*88.68*	
		For Obscure Glass, Add	*97.55*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	480.37	58.90
		For Colored Vinyl, Add	*36.26*	
		For Tinted Glass, Add	*43.51*	
		For Low-E Insulated Glass, Add	*90.65*	
		For Obscure Glass, Add	*99.71*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	507.02	61.20
		For Colored Vinyl, Add	*38.46*	
		For Tinted Glass, Add	*46.15*	
		For Low-E Insulated Glass, Add	*96.16*	
		For Obscure Glass, Add	*105.77*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	549.57	65.82
		For Colored Vinyl, Add	*41.79*	
		For Tinted Glass, Add	*50.15*	
		For Low-E Insulated Glass, Add	*104.48*	
		For Obscure Glass, Add	*114.93*	
08 53 13 00-0017		38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	446.63	55.43
		For Colored Vinyl, Add	*33.58*	
		For Tinted Glass, Add	*40.29*	
		For Low-E Insulated Glass, Add	*83.94*	
		For Obscure Glass, Add	*92.34*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	469.27	57.74
		For Colored Vinyl, Add	*35.38*	
		For Tinted Glass, Add	*42.46*	
		For Low-E Insulated Glass, Add	*88.45*	
		For Obscure Glass, Add	*97.30*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	478.95	58.90
		For Colored Vinyl, Add	*36.12*	
		For Tinted Glass, Add	*43.34*	
		For Low-E Insulated Glass, Add	*90.29*	
		For Obscure Glass, Add	*99.32*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	489.13	60.05
		For Colored Vinyl, Add	*36.90*	
		For Tinted Glass, Add	*44.28*	
		For Low-E Insulated Glass, Add	*92.26*	
		For Obscure Glass, Add	*101.48*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	516.25	62.35
		For Colored Vinyl, Add	*39.15*	
		For Tinted Glass, Add	*46.98*	
		For Low-E Insulated Glass, Add	*97.88*	
		For Obscure Glass, Add	*107.67*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	559.40	66.98
		For Colored Vinyl, Add	*42.54*	
		For Tinted Glass, Add	*51.05*	
		For Low-E Insulated Glass, Add	*106.36*	
		For Obscure Glass, Add	*117.00*	
08 53 13 00-0024		44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	472.25	58.90
		For Colored Vinyl, Add	*35.45*	
		For Tinted Glass, Add	*42.54*	
		For Low-E Insulated Glass, Add	*88.62*	
		For Obscure Glass, Add	*97.48*	
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	494.88	61.20
		For Colored Vinyl, Add	*37.25*	
		For Tinted Glass, Add	*44.70*	
		For Low-E Insulated Glass, Add	*93.12*	
		For Obscure Glass, Add	*102.43*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	505.89	62.35
		For Colored Vinyl, Add	*38.12*	
		For Tinted Glass, Add	*45.74*	
		For Low-E Insulated Glass, Add	*95.29*	
		For Obscure Glass, Add	*104.82*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	516.07	63.51
		For Colored Vinyl, Add	*38.90*	
		For Tinted Glass, Add	*46.68*	
		For Low-E Insulated Glass, Add	*97.26*	
		For Obscure Glass, Add	*106.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	544.49	65.82
		For Colored Vinyl, Add	*41.29*	
		For Tinted Glass, Add	*49.54*	
		For Low-E Insulated Glass, Add	*103.21*	
		For Obscure Glass, Add	*113.53*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	589.32	70.44
		For Colored Vinyl, Add	*44.84*	
		For Tinted Glass, Add	*53.81*	
		For Low-E Insulated Glass, Add	*112.11*	
		For Obscure Glass, Add	*123.32*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	480.91	60.05
		For Colored Vinyl, Add	*36.08*	
		For Tinted Glass, Add	*43.30*	
		For Low-E Insulated Glass, Add	*90.20*	
		For Obscure Glass, Add	*99.22*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	503.55	62.35
		For Colored Vinyl, Add	*37.88*	
		For Tinted Glass, Add	*45.46*	
		For Low-E Insulated Glass, Add	*94.71*	
		For Obscure Glass, Add	*104.18*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	514.95	63.51
		For Colored Vinyl, Add	*38.79*	
		For Tinted Glass, Add	*46.55*	
		For Low-E Insulated Glass, Add	*96.98*	
		For Obscure Glass, Add	*106.68*	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	525.12	64.67
		For Colored Vinyl, Add	*39.58*	
		For Tinted Glass, Add	*47.49*	
		For Low-E Insulated Glass, Add	*98.95*	
		For Obscure Glass, Add	*108.84*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	553.97	66.98
		For Colored Vinyl, Add	*42.00*	
		For Tinted Glass, Add	*50.40*	
		For Low-E Insulated Glass, Add	*105.00*	
		For Obscure Glass, Add	*115.50*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	599.40	71.60
		For Colored Vinyl, Add	*45.62*	
		For Tinted Glass, Add	*54.75*	
		For Low-E Insulated Glass, Add	*114.05*	
		For Obscure Glass, Add	*125.46*	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	489.65	61.20
		For Colored Vinyl, Add	*36.73*	
		For Tinted Glass, Add	*44.07*	
		For Low-E Insulated Glass, Add	*91.81*	
		For Obscure Glass, Add	*100.99*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	512.31	63.51
		For Colored Vinyl, Add	*38.53*	
		For Tinted Glass, Add	*46.23*	
		For Low-E Insulated Glass, Add	*96.32*	
		For Obscure Glass, Add	*105.95*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	524.10	64.67
		For Colored Vinyl, Add	*39.48*	
		For Tinted Glass, Add	*47.37*	
		For Low-E Insulated Glass, Add	*98.69*	
		For Obscure Glass, Add	*108.56*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	534.28	65.82
		For Colored Vinyl, Add	*40.26*	
		For Tinted Glass, Add	*48.32*	
		For Low-E Insulated Glass, Add	*100.66*	
		For Obscure Glass, Add	*110.73*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	563.58	68.13
		For Colored Vinyl, Add	*42.73*	
		For Tinted Glass, Add	*51.28*	
		For Low-E Insulated Glass, Add	*106.83*	
		For Obscure Glass, Add	*117.51*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	609.58	72.75
		For Colored Vinyl, Add	*46.41*	
		For Tinted Glass, Add	*55.69*	
		For Low-E Insulated Glass, Add	*116.02*	
		For Obscure Glass, Add	*127.62*	

08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	498.02	62.35
		For Colored Vinyl, Add	*37.33*	
		For Tinted Glass, Add	*44.80*	
		For Low-E Insulated Glass, Add	*93.33*	
		For Obscure Glass, Add	*102.66*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	520.65	64.67
		For Colored Vinyl, Add	*39.13*	
		For Tinted Glass, Add	*46.96*	
		For Low-E Insulated Glass, Add	*97.83*	
		For Obscure Glass, Add	*107.61*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	532.91	65.82
		For Colored Vinyl, Add	*40.13*	
		For Tinted Glass, Add	*48.15*	
		For Low-E Insulated Glass, Add	*100.32*	
		For Obscure Glass, Add	*110.35*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	543.10	66.98
		For Colored Vinyl, Add	*40.91*	
		For Tinted Glass, Add	*49.10*	
		For Low-E Insulated Glass, Add	*102.29*	
		For Obscure Glass, Add	*112.51*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	572.80	69.28
		For Colored Vinyl, Add	*43.42*	
		For Tinted Glass, Add	*52.11*	
		For Low-E Insulated Glass, Add	*108.56*	
		For Obscure Glass, Add	*119.41*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	619.36	73.91
		For Colored Vinyl, Add	*47.16*	
		For Tinted Glass, Add	*56.59*	
		For Low-E Insulated Glass, Add	*117.89*	
		For Obscure Glass, Add	*129.68*	

08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	506.42	63.51
		For Colored Vinyl, Add	*37.94*	
		For Tinted Glass, Add	*45.53*	
		For Low-E Insulated Glass, Add	*94.85*	
		For Obscure Glass, Add	*104.33*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	529.06	65.82
		For Colored Vinyl, Add	*39.74*	
		For Tinted Glass, Add	*47.69*	
		For Low-E Insulated Glass, Add	*99.36*	
		For Obscure Glass, Add	*109.29*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	541.78	66.98
		For Colored Vinyl, Add	*40.78*	
		For Tinted Glass, Add	*48.94*	
		For Low-E Insulated Glass, Add	*101.96*	
		For Obscure Glass, Add	*112.15*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	551.95	68.13
		For Colored Vinyl, Add	*41.57*	
		For Tinted Glass, Add	*49.88*	
		For Low-E Insulated Glass, Add	*103.92*	
		For Obscure Glass, Add	*114.31*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	582.11	70.44
		For Colored Vinyl, Add	*44.12*	
		For Tinted Glass, Add	*52.95*	
		For Low-E Insulated Glass, Add	*110.31*	
		For Obscure Glass, Add	*121.34*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	629.23	75.06
		For Colored Vinyl, Add	*47.91*	
		For Tinted Glass, Add	*57.49*	
		For Low-E Insulated Glass, Add	*119.78*	
		For Obscure Glass, Add	*131.76*	

08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	514.81	64.67
		For Colored Vinyl, Add	*38.55*	
		For Tinted Glass, Add	*46.26*	
		For Low-E Insulated Glass, Add	*96.37*	
		For Obscure Glass, Add	*106.01*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	537.47	66.98
		For Colored Vinyl, Add	*40.35*	
		For Tinted Glass, Add	*48.42*	
		For Low-E Insulated Glass, Add	*100.88*	
		For Obscure Glass, Add	*110.97*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	550.58	68.13
		For Colored Vinyl, Add	*41.43*	
		For Tinted Glass, Add	*49.72*	
		For Low-E Insulated Glass, Add	*103.58*	
		For Obscure Glass, Add	*113.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	560.76	69.28
		For Colored Vinyl, Add	*42.22*	
		For Tinted Glass, Add	*50.66*	
		For Low-E Insulated Glass, Add	*105.55*	
		For Obscure Glass, Add	*116.10*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	591.33	71.60
		For Colored Vinyl, Add	*44.81*	
		For Tinted Glass, Add	*53.78*	
		For Low-E Insulated Glass, Add	*112.04*	
		For Obscure Glass, Add	*123.24*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	639.01	76.21
		For Colored Vinyl, Add	*48.66*	
		For Tinted Glass, Add	*58.39*	
		For Low-E Insulated Glass, Add	*121.65*	
		For Obscure Glass, Add	*133.81*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	540.78	68.13
		For Colored Vinyl, Add	*40.45*	
		For Tinted Glass, Add	*48.54*	
		For Low-E Insulated Glass, Add	*101.13*	
		For Obscure Glass, Add	*111.24*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	563.43	70.44
		For Colored Vinyl, Add	*42.26*	
		For Tinted Glass, Add	*50.71*	
		For Low-E Insulated Glass, Add	*105.64*	
		For Obscure Glass, Add	*116.20*	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	577.77	71.60
		For Colored Vinyl, Add	*43.46*	
		For Tinted Glass, Add	*52.15*	
		For Low-E Insulated Glass, Add	*108.65*	
		For Obscure Glass, Add	*119.51*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	587.95	72.75
		For Colored Vinyl, Add	*44.25*	
		For Tinted Glass, Add	*53.09*	
		For Low-E Insulated Glass, Add	*110.61*	
		For Obscure Glass, Add	*121.67*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	619.84	75.06
		For Colored Vinyl, Add	*46.97*	
		For Tinted Glass, Add	*56.37*	
		For Low-E Insulated Glass, Add	*117.43*	
		For Obscure Glass, Add	*129.17*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	669.24	79.68
		For Colored Vinyl, Add	*50.99*	
		For Tinted Glass, Add	*61.19*	
		For Low-E Insulated Glass, Add	*127.47*	
		For Obscure Glass, Add	*140.22*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	549.19	69.28
		For Colored Vinyl, Add	*41.06*	
		For Tinted Glass, Add	*49.27*	
		For Low-E Insulated Glass, Add	*102.66*	
		For Obscure Glass, Add	*112.92*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	571.83	71.60
		For Colored Vinyl, Add	*42.86*	
		For Tinted Glass, Add	*51.44*	
		For Low-E Insulated Glass, Add	*107.16*	
		For Obscure Glass, Add	*117.88*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	586.68	72.75
		For Colored Vinyl, Add	*44.12*	
		For Tinted Glass, Add	*52.94*	
		For Low-E Insulated Glass, Add	*110.30*	
		For Obscure Glass, Add	*121.32*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	596.86	73.91
		For Colored Vinyl, Add	*44.91*	
		For Tinted Glass, Add	*53.89*	
		For Low-E Insulated Glass, Add	*112.26*	
		For Obscure Glass, Add	*123.49*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	629.16	76.21
		For Colored Vinyl, Add	*47.67*	
		For Tinted Glass, Add	*57.21*	
		For Low-E Insulated Glass, Add	*119.18*	
		For Obscure Glass, Add	*131.10*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	679.16	80.84
		For Colored Vinyl, Add	*51.75*	
		For Tinted Glass, Add	*62.10*	
		For Low-E Insulated Glass, Add	*129.38*	
		For Obscure Glass, Add	*142.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0080		**66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)*		
08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	566.30	71.60
		For Colored Vinyl, Add	*42.31*	
		For Tinted Glass, Add	*50.77*	
		For Low-E Insulated Glass, Add	*105.78*	
		For Obscure Glass, Add	*116.36*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	588.94	73.91
		For Colored Vinyl, Add	*44.11*	
		For Tinted Glass, Add	*52.94*	
		For Low-E Insulated Glass, Add	*110.28*	
		For Obscure Glass, Add	*121.31*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	604.61	75.06
		For Colored Vinyl, Add	*45.45*	
		For Tinted Glass, Add	*54.54*	
		For Low-E Insulated Glass, Add	*113.62*	
		For Obscure Glass, Add	*124.98*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	614.79	76.21
		For Colored Vinyl, Add	*46.24*	
		For Tinted Glass, Add	*55.48*	
		For Low-E Insulated Glass, Add	*115.59*	
		For Obscure Glass, Add	*127.15*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	647.99	78.52
		For Colored Vinyl, Add	*49.09*	
		For Tinted Glass, Add	*58.91*	
		For Low-E Insulated Glass, Add	*122.74*	
		For Obscure Glass, Add	*135.01*	
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	699.07	83.14
		For Colored Vinyl, Add	*53.28*	
		For Tinted Glass, Add	*63.93*	
		For Low-E Insulated Glass, Add	*133.20*	
		For Obscure Glass, Add	*146.51*	
08 53 13 00-0087		**72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)*		
08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	592.27	75.06
		For Colored Vinyl, Add	*44.22*	
		For Tinted Glass, Add	*53.06*	
		For Low-E Insulated Glass, Add	*110.54*	
		For Obscure Glass, Add	*121.59*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	614.91	77.37
		For Colored Vinyl, Add	*46.02*	
		For Tinted Glass, Add	*55.22*	
		For Low-E Insulated Glass, Add	*115.04*	
		For Obscure Glass, Add	*126.55*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	630.58	78.52
		For Colored Vinyl, Add	*47.35*	
		For Tinted Glass, Add	*56.82*	
		For Low-E Insulated Glass, Add	*118.38*	
		For Obscure Glass, Add	*130.22*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	640.76	79.68
		For Colored Vinyl, Add	*48.14*	
		For Tinted Glass, Add	*57.77*	
		For Low-E Insulated Glass, Add	*120.35*	
		For Obscure Glass, Add	*132.39*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	673.96	81.99
		For Colored Vinyl, Add	*51.00*	
		For Tinted Glass, Add	*61.20*	
		For Low-E Insulated Glass, Add	*127.50*	
		For Obscure Glass, Add	*140.24*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	725.04	86.60
		For Colored Vinyl, Add	*55.18*	
		For Tinted Glass, Add	*66.22*	
		For Low-E Insulated Glass, Add	*137.96*	
		For Obscure Glass, Add	*151.75*	
08 53 13 00-0094		**Replacement, Single Hung Vinyl Windows (Silver Line 2000)** *(08 53 13 00-0001)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	640.17	60.63
		For Colored Vinyl, Add	*51.89*	
		For Tinted Glass, Add	*62.27*	
		For Low-E Insulated Glass, Add	*129.73*	
		For Obscure Glass, Add	*142.70*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	701.73	66.40
		For Colored Vinyl, Add	*56.89*	
		For Tinted Glass, Add	*68.27*	
		For Low-E Insulated Glass, Add	*142.23*	
		For Obscure Glass, Add	*156.46*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	758.21	72.17
		For Colored Vinyl, Add	*61.39*	
		For Tinted Glass, Add	*73.66*	
		For Low-E Insulated Glass, Add	*153.47*	
		For Obscure Glass, Add	*168.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	796.93	77.95
		For Colored Vinyl, Add	*64.10*	
		For Tinted Glass, Add	*76.92*	
		For Low-E Insulated Glass, Add	*160.26*	
		For Obscure Glass, Add	*176.28*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	837.67	83.72
		For Colored Vinyl, Add	*67.02*	
		For Tinted Glass, Add	*80.43*	
		For Low-E Insulated Glass, Add	*167.56*	
		For Obscure Glass, Add	*184.31*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	910.15	89.49
		For Colored Vinyl, Add	*73.12*	
		For Tinted Glass, Add	*87.74*	
		For Low-E Insulated Glass, Add	*182.79*	
		For Obscure Glass, Add	*201.07*	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	7.60	0.75
		For Colored Vinyl, Add	*0.61*	
		For Tinted Glass, Add	*0.73*	
		For Low-E Insulated Glass, Add	*1.52*	
		For Obscure Glass, Add	*1.67*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	624.96	53.12
		For Colored Vinyl, Add	*51.87*	
		For Tinted Glass, Add	*62.25*	
		For Low-E Insulated Glass, Add	*129.68*	
		For Obscure Glass, Add	*142.65*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	647.60	55.43
		For Colored Vinyl, Add	*53.67*	
		For Tinted Glass, Add	*64.41*	
		For Low-E Insulated Glass, Add	*134.19*	
		For Obscure Glass, Add	*147.60*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	658.54	56.59
		For Colored Vinyl, Add	*54.54*	
		For Tinted Glass, Add	*65.44*	
		For Low-E Insulated Glass, Add	*136.34*	
		For Obscure Glass, Add	*149.98*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	668.71	57.74
		For Colored Vinyl, Add	*55.32*	
		For Tinted Glass, Add	*66.39*	
		For Low-E Insulated Glass, Add	*138.31*	
		For Obscure Glass, Add	*152.14*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	693.70	60.05
		For Colored Vinyl, Add	*57.36*	
		For Tinted Glass, Add	*68.83*	
		For Low-E Insulated Glass, Add	*143.40*	
		For Obscure Glass, Add	*157.74*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	734.06	64.67
		For Colored Vinyl, Add	*60.47*	
		For Tinted Glass, Add	*72.57*	
		For Low-E Insulated Glass, Add	*151.18*	
		For Obscure Glass, Add	*166.30*	

08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	633.60	54.27
		For Colored Vinyl, Add	*52.51*	
		For Tinted Glass, Add	*63.01*	
		For Low-E Insulated Glass, Add	*131.27*	
		For Obscure Glass, Add	*144.39*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	656.26	56.59
		For Colored Vinyl, Add	*54.31*	
		For Tinted Glass, Add	*65.17*	
		For Low-E Insulated Glass, Add	*135.77*	
		For Obscure Glass, Add	*149.35*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	667.19	57.74
		For Colored Vinyl, Add	*55.17*	
		For Tinted Glass, Add	*66.21*	
		For Low-E Insulated Glass, Add	*137.93*	
		For Obscure Glass, Add	*151.72*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	677.38	58.90
		For Colored Vinyl, Add	*55.96*	
		For Tinted Glass, Add	*67.15*	
		For Low-E Insulated Glass, Add	*139.90*	
		For Obscure Glass, Add	*153.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	702.35	61.20
		For Colored Vinyl, Add	*58.00*	
		For Tinted Glass, Add	*69.59*	
		For Low-E Insulated Glass, Add	*144.99*	
		For Obscure Glass, Add	*159.49*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	742.72	65.82
		For Colored Vinyl, Add	*61.11*	
		For Tinted Glass, Add	*73.33*	
		For Low-E Insulated Glass, Add	*152.77*	
		For Obscure Glass, Add	*168.05*	
08 53 13 00-0118		38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	641.36	55.43
		For Colored Vinyl, Add	*53.05*	
		For Tinted Glass, Add	*63.66*	
		For Low-E Insulated Glass, Add	*132.63*	
		For Obscure Glass, Add	*145.89*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	663.99	57.74
		For Colored Vinyl, Add	*54.85*	
		For Tinted Glass, Add	*65.82*	
		For Low-E Insulated Glass, Add	*137.13*	
		For Obscure Glass, Add	*150.84*	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	675.30	58.90
		For Colored Vinyl, Add	*55.75*	
		For Tinted Glass, Add	*66.90*	
		For Low-E Insulated Glass, Add	*139.38*	
		For Obscure Glass, Add	*153.32*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	685.48	60.05
		For Colored Vinyl, Add	*56.54*	
		For Tinted Glass, Add	*67.85*	
		For Low-E Insulated Glass, Add	*141.35*	
		For Obscure Glass, Add	*155.48*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	710.97	62.35
		For Colored Vinyl, Add	*58.63*	
		For Tinted Glass, Add	*70.35*	
		For Low-E Insulated Glass, Add	*146.56*	
		For Obscure Glass, Add	*161.22*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	751.84	66.98
		For Colored Vinyl, Add	*61.79*	
		For Tinted Glass, Add	*74.15*	
		For Low-E Insulated Glass, Add	*154.47*	
		For Obscure Glass, Add	*169.92*	
08 53 13 00-0125		44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	668.04	58.90
		For Colored Vinyl, Add	*55.03*	
		For Tinted Glass, Add	*66.03*	
		For Low-E Insulated Glass, Add	*137.56*	
		For Obscure Glass, Add	*151.32*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	690.67	61.20
		For Colored Vinyl, Add	*56.83*	
		For Tinted Glass, Add	*68.19*	
		For Low-E Insulated Glass, Add	*142.07*	
		For Obscure Glass, Add	*156.27*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	699.90	62.35
		For Colored Vinyl, Add	*57.52*	
		For Tinted Glass, Add	*69.02*	
		For Low-E Insulated Glass, Add	*143.80*	
		For Obscure Glass, Add	*158.17*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	710.08	63.51
		For Colored Vinyl, Add	*58.31*	
		For Tinted Glass, Add	*69.97*	
		For Low-E Insulated Glass, Add	*145.76*	
		For Obscure Glass, Add	*160.34*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	736.67	65.82
		For Colored Vinyl, Add	*60.50*	
		For Tinted Glass, Add	*72.60*	
		For Low-E Insulated Glass, Add	*151.26*	
		For Obscure Glass, Add	*166.38*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	780.09	70.44
		For Colored Vinyl, Add	*63.92*	
		For Tinted Glass, Add	*76.71*	
		For Low-E Insulated Glass, Add	*159.80*	
		For Obscure Glass, Add	*175.78*	
08 53 13 00-0132		46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	675.73	60.05
		For Colored Vinyl, Add	*55.56*	
		For Tinted Glass, Add	*66.68*	
		For Low-E Insulated Glass, Add	*138.91*	
		For Obscure Glass, Add	*152.80*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	698.37	62.35
		For Colored Vinyl, Add	*57.37*	
		For Tinted Glass, Add	*68.84*	
		For Low-E Insulated Glass, Add	*143.41*	
		For Obscure Glass, Add	*157.75*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	708.15	63.51
		For Colored Vinyl, Add	*58.11*	
		For Tinted Glass, Add	*69.73*	
		For Low-E Insulated Glass, Add	*145.28*	
		For Obscure Glass, Add	*159.81*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	718.32	64.67
		For Colored Vinyl, Add	*58.90*	
		For Tinted Glass, Add	*70.68*	
		For Low-E Insulated Glass, Add	*147.25*	
		For Obscure Glass, Add	*161.97*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	745.29	66.98
		For Colored Vinyl, Add	*61.13*	
		For Tinted Glass, Add	*73.36*	
		For Low-E Insulated Glass, Add	*152.83*	
		For Obscure Glass, Add	*168.12*	
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	790.21	71.60
		For Colored Vinyl, Add	*64.70*	
		For Tinted Glass, Add	*77.64*	
		For Low-E Insulated Glass, Add	*161.76*	
		For Obscure Glass, Add	*177.93*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	683.51	61.20
		For Colored Vinyl, Add	*56.11*	
		For Tinted Glass, Add	*67.33*	
		For Low-E Insulated Glass, Add	*140.28*	
		For Obscure Glass, Add	*154.31*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	706.17	63.51
		For Colored Vinyl, Add	*57.91*	
		For Tinted Glass, Add	*69.50*	
		For Low-E Insulated Glass, Add	*144.79*	
		For Obscure Glass, Add	*159.26*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	716.24	64.67
		For Colored Vinyl, Add	*58.69*	
		For Tinted Glass, Add	*70.43*	
		For Low-E Insulated Glass, Add	*146.73*	
		For Obscure Glass, Add	*161.40*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	726.42	65.82
		For Colored Vinyl, Add	*59.48*	
		For Tinted Glass, Add	*71.37*	
		For Low-E Insulated Glass, Add	*148.70*	
		For Obscure Glass, Add	*163.56*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	753.89	68.13
		For Colored Vinyl, Add	*61.76*	
		For Tinted Glass, Add	*74.12*	
		For Low-E Insulated Glass, Add	*154.41*	
		For Obscure Glass, Add	*169.85*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	800.14	72.75
		For Colored Vinyl, Add	*65.46*	
		For Tinted Glass, Add	*78.56*	
		For Low-E Insulated Glass, Add	*163.66*	
		For Obscure Glass, Add	*180.03*	

08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	691.22	62.35
		For Colored Vinyl, Add	*56.65*	
		For Tinted Glass, Add	*67.98*	
		For Low-E Insulated Glass, Add	*141.63*	
		For Obscure Glass, Add	*155.79*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	713.85	64.67
		For Colored Vinyl, Add	*58.45*	
		For Tinted Glass, Add	*70.14*	
		For Low-E Insulated Glass, Add	*146.13*	
		For Obscure Glass, Add	*160.74*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	724.44	65.82
		For Colored Vinyl, Add	*59.28*	
		For Tinted Glass, Add	*71.14*	
		For Low-E Insulated Glass, Add	*148.20*	
		For Obscure Glass, Add	*163.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	734.63	66.98
		For Colored Vinyl, Add	*60.07*	
		For Tinted Glass, Add	*72.08*	
		For Low-E Insulated Glass, Add	*150.17*	
		For Obscure Glass, Add	*165.18*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	762.49	69.28
		For Colored Vinyl, Add	*62.39*	
		For Tinted Glass, Add	*74.87*	
		For Low-E Insulated Glass, Add	*155.98*	
		For Obscure Glass, Add	*171.58*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	810.22	73.91
		For Colored Vinyl, Add	*66.24*	
		For Tinted Glass, Add	*79.49*	
		For Low-E Insulated Glass, Add	*165.60*	
		For Obscure Glass, Add	*182.16*	
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	698.96	63.51
		For Colored Vinyl, Add	*57.19*	
		For Tinted Glass, Add	*68.63*	
		For Low-E Insulated Glass, Add	*142.98*	
		For Obscure Glass, Add	*157.28*	
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	721.59	65.82
		For Colored Vinyl, Add	*59.00*	
		For Tinted Glass, Add	*70.79*	
		For Low-E Insulated Glass, Add	*147.49*	
		For Obscure Glass, Add	*162.24*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	732.55	66.98
		For Colored Vinyl, Add	*59.86*	
		For Tinted Glass, Add	*71.83*	
		For Low-E Insulated Glass, Add	*149.65*	
		For Obscure Glass, Add	*164.61*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	742.72	68.13
		For Colored Vinyl, Add	*60.65*	
		For Tinted Glass, Add	*72.78*	
		For Low-E Insulated Glass, Add	*151.62*	
		For Obscure Glass, Add	*166.78*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	771.96	70.44
		For Colored Vinyl, Add	*63.11*	
		For Tinted Glass, Add	*75.73*	
		For Low-E Insulated Glass, Add	*157.77*	
		For Obscure Glass, Add	*173.55*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	820.09	75.06
		For Colored Vinyl, Add	*67.00*	
		For Tinted Glass, Add	*80.40*	
		For Low-E Insulated Glass, Add	*167.49*	
		For Obscure Glass, Add	*184.24*	
08 53 13 00-0160		54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	706.74	64.67
		For Colored Vinyl, Add	*57.74*	
		For Tinted Glass, Add	*69.29*	
		For Low-E Insulated Glass, Add	*144.35*	
		For Obscure Glass, Add	*158.79*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	729.40	66.98
		For Colored Vinyl, Add	*59.54*	
		For Tinted Glass, Add	*71.45*	
		For Low-E Insulated Glass, Add	*148.86*	
		For Obscure Glass, Add	*163.75*	
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	740.79	68.13
		For Colored Vinyl, Add	*60.45*	
		For Tinted Glass, Add	*72.54*	
		For Low-E Insulated Glass, Add	*151.13*	
		For Obscure Glass, Add	*166.25*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	750.97	69.28
		For Colored Vinyl, Add	*61.24*	
		For Tinted Glass, Add	*73.49*	
		For Low-E Insulated Glass, Add	*153.10*	
		For Obscure Glass, Add	*168.41*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	781.43	71.60
		For Colored Vinyl, Add	*63.82*	
		For Tinted Glass, Add	*76.59*	
		For Low-E Insulated Glass, Add	*159.56*	
		For Obscure Glass, Add	*175.52*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	830.02	76.21
		For Colored Vinyl, Add	*67.76*	
		For Tinted Glass, Add	*81.31*	
		For Low-E Insulated Glass, Add	*169.40*	
		For Obscure Glass, Add	*186.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0167		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	730.07	68.13
		For Colored Vinyl, Add	*59.38*	
		For Tinted Glass, Add	*71.26*	
		For Low-E Insulated Glass, Add	*148.45*	
		For Obscure Glass, Add	*163.30*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	752.72	70.44
		For Colored Vinyl, Add	*61.18*	
		For Tinted Glass, Add	*73.42*	
		For Low-E Insulated Glass, Add	*152.96*	
		For Obscure Glass, Add	*168.26*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	767.11	71.60
		For Colored Vinyl, Add	*62.39*	
		For Tinted Glass, Add	*74.87*	
		For Low-E Insulated Glass, Add	*155.98*	
		For Obscure Glass, Add	*171.58*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	777.29	72.75
		For Colored Vinyl, Add	*63.18*	
		For Tinted Glass, Add	*75.81*	
		For Low-E Insulated Glass, Add	*157.95*	
		For Obscure Glass, Add	*173.74*	
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	809.69	75.06
		For Colored Vinyl, Add	*65.96*	
		For Tinted Glass, Add	*79.15*	
		For Low-E Insulated Glass, Add	*164.89*	
		For Obscure Glass, Add	*181.38*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	859.90	79.68
		For Colored Vinyl, Add	*70.05*	
		For Tinted Glass, Add	*84.06*	
		For Low-E Insulated Glass, Add	*175.14*	
		For Obscure Glass, Add	*192.65*	
08 53 13 00-0174		62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	737.82	69.28
		For Colored Vinyl, Add	*59.93*	
		For Tinted Glass, Add	*71.91*	
		For Low-E Insulated Glass, Add	*149.81*	
		For Obscure Glass, Add	*164.79*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	760.46	71.60
		For Colored Vinyl, Add	*61.73*	
		For Tinted Glass, Add	*74.07*	
		For Low-E Insulated Glass, Add	*154.32*	
		For Obscure Glass, Add	*169.75*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	776.07	72.75
		For Colored Vinyl, Add	*63.06*	
		For Tinted Glass, Add	*75.67*	
		For Low-E Insulated Glass, Add	*157.64*	
		For Obscure Glass, Add	*173.41*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	786.25	73.91
		For Colored Vinyl, Add	*63.84*	
		For Tinted Glass, Add	*76.61*	
		For Low-E Insulated Glass, Add	*159.61*	
		For Obscure Glass, Add	*175.57*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	819.05	76.21
		For Colored Vinyl, Add	*66.66*	
		For Tinted Glass, Add	*79.99*	
		For Low-E Insulated Glass, Add	*166.66*	
		For Obscure Glass, Add	*183.32*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	870.83	80.84
		For Colored Vinyl, Add	*70.92*	
		For Tinted Glass, Add	*85.10*	
		For Low-E Insulated Glass, Add	*177.29*	
		For Obscure Glass, Add	*195.02*	
08 53 13 00-0181		66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	755.13	71.60
		For Colored Vinyl, Add	*61.19*	
		For Tinted Glass, Add	*73.43*	
		For Low-E Insulated Glass, Add	*152.99*	
		For Obscure Glass, Add	*168.28*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	777.77	73.91
		For Colored Vinyl, Add	*63.00*	
		For Tinted Glass, Add	*75.60*	
		For Low-E Insulated Glass, Add	*157.49*	
		For Obscure Glass, Add	*173.24*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	794.05	75.06
		For Colored Vinyl, Add	*64.39*	
		For Tinted Glass, Add	*77.27*	
		For Low-E Insulated Glass, Add	*160.98*	
		For Obscure Glass, Add	*177.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	804.23	76.21
		For Colored Vinyl, Add	*65.18*	
		For Tinted Glass, Add	*78.22*	
		For Low-E Insulated Glass, Add	*162.95*	
		For Obscure Glass, Add	*179.25*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	837.99	78.52
		For Colored Vinyl, Add	*68.09*	
		For Tinted Glass, Add	*81.71*	
		For Low-E Insulated Glass, Add	*170.24*	
		For Obscure Glass, Add	*187.26*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	891.91	83.14
		For Colored Vinyl, Add	*72.56*	
		For Tinted Glass, Add	*87.07*	
		For Low-E Insulated Glass, Add	*181.41*	
		For Obscure Glass, Add	*199.55*	

08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	781.10	75.06
		For Colored Vinyl, Add	*63.10*	
		For Tinted Glass, Add	*75.72*	
		For Low-E Insulated Glass, Add	*157.75*	
		For Obscure Glass, Add	*173.52*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	803.74	77.37
		For Colored Vinyl, Add	*64.90*	
		For Tinted Glass, Add	*77.88*	
		For Low-E Insulated Glass, Add	*162.25*	
		For Obscure Glass, Add	*178.48*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	820.02	78.52
		For Colored Vinyl, Add	*66.30*	
		For Tinted Glass, Add	*79.56*	
		For Low-E Insulated Glass, Add	*165.74*	
		For Obscure Glass, Add	*182.32*	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	830.20	79.68
		For Colored Vinyl, Add	*67.08*	
		For Tinted Glass, Add	*80.50*	
		For Low-E Insulated Glass, Add	*167.71*	
		For Obscure Glass, Add	*184.48*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	863.96	81.99
		For Colored Vinyl, Add	*70.00*	
		For Tinted Glass, Add	*84.00*	
		For Low-E Insulated Glass, Add	*175.00*	
		For Obscure Glass, Add	*192.49*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	917.88	86.60
		For Colored Vinyl, Add	*74.47*	
		For Tinted Glass, Add	*89.36*	
		For Low-E Insulated Glass, Add	*186.17*	
		For Obscure Glass, Add	*204.78*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	769.90	60.63
		For Colored Vinyl, Add	*64.87*	
		For Tinted Glass, Add	*77.84*	
		For Low-E Insulated Glass, Add	*162.16*	
		For Obscure Glass, Add	*178.38*	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	849.23	66.40
		For Colored Vinyl, Add	*71.64*	
		For Tinted Glass, Add	*85.97*	
		For Low-E Insulated Glass, Add	*179.11*	
		For Obscure Glass, Add	*197.02*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	923.48	72.17
		For Colored Vinyl, Add	*77.91*	
		For Tinted Glass, Add	*93.50*	
		For Low-E Insulated Glass, Add	*194.79*	
		For Obscure Glass, Add	*214.26*	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	976.42	77.95
		For Colored Vinyl, Add	*82.05*	
		For Tinted Glass, Add	*98.46*	
		For Low-E Insulated Glass, Add	*205.13*	
		For Obscure Glass, Add	*225.64*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	1,033.15	83.72
		For Colored Vinyl, Add	*86.57*	
		For Tinted Glass, Add	*103.89*	
		For Low-E Insulated Glass, Add	*216.43*	
		For Obscure Glass, Add	*238.07*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	1,123.40	89.49
		For Colored Vinyl, Add	*94.44*	
		For Tinted Glass, Add	*113.33*	
		For Low-E Insulated Glass, Add	*236.10*	
		For Obscure Glass, Add	*259.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	9.38	0.75
		For Colored Vinyl, Add	*0.79*	
		For Tinted Glass, Add	*0.94*	
		For Low-E Insulated Glass, Add	*1.97*	
		For Obscure Glass, Add	*2.16*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	575.36	43.88
		For Colored Vinyl, Add	*48.88*	
		For Tinted Glass, Add	*58.65*	
		For Low-E Insulated Glass, Add	*122.19*	
		For Obscure Glass, Add	*134.41*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	595.33	45.04
		For Colored Vinyl, Add	*50.53*	
		For Tinted Glass, Add	*60.63*	
		For Low-E Insulated Glass, Add	*126.32*	
		For Obscure Glass, Add	*138.95*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	616.46	47.34
		For Colored Vinyl, Add	*52.18*	
		For Tinted Glass, Add	*62.61*	
		For Low-E Insulated Glass, Add	*130.44*	
		For Obscure Glass, Add	*143.48*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	655.75	49.66
		For Colored Vinyl, Add	*55.64*	
		For Tinted Glass, Add	*66.77*	
		For Low-E Insulated Glass, Add	*139.11*	
		For Obscure Glass, Add	*153.02*	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	610.71	46.19
		For Colored Vinyl, Add	*51.95*	
		For Tinted Glass, Add	*62.34*	
		For Low-E Insulated Glass, Add	*129.87*	
		For Obscure Glass, Add	*142.86*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	632.56	47.34
		For Colored Vinyl, Add	*53.79*	
		For Tinted Glass, Add	*64.54*	
		For Low-E Insulated Glass, Add	*134.47*	
		For Obscure Glass, Add	*147.91*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	655.50	49.66
		For Colored Vinyl, Add	*55.62*	
		For Tinted Glass, Add	*66.74*	
		For Low-E Insulated Glass, Add	*139.05*	
		For Obscure Glass, Add	*152.95*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	697.03	51.97
		For Colored Vinyl, Add	*59.31*	
		For Tinted Glass, Add	*71.17*	
		For Low-E Insulated Glass, Add	*148.28*	
		For Obscure Glass, Add	*163.10*	

08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	651.79	49.66
		For Colored Vinyl, Add	*55.25*	
		For Tinted Glass, Add	*66.30*	
		For Low-E Insulated Glass, Add	*138.12*	
		For Obscure Glass, Add	*151.93*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	674.56	51.97
		For Colored Vinyl, Add	*57.18*	
		For Tinted Glass, Add	*68.61*	
		For Low-E Insulated Glass, Add	*142.95*	
		For Obscure Glass, Add	*157.24*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	698.51	53.70
		For Colored Vinyl, Add	*59.11*	
		For Tinted Glass, Add	*70.93*	
		For Low-E Insulated Glass, Add	*147.78*	
		For Obscure Glass, Add	*162.56*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	741.82	56.01
		For Colored Vinyl, Add	*62.98*	
		For Tinted Glass, Add	*75.58*	
		For Low-E Insulated Glass, Add	*157.45*	
		For Obscure Glass, Add	*173.20*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	689.40	53.12
		For Colored Vinyl, Add	*58.43*	
		For Tinted Glass, Add	*70.12*	
		For Low-E Insulated Glass, Add	*146.08*	
		For Obscure Glass, Add	*160.69*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	713.47	54.27
		For Colored Vinyl, Add	*60.49*	
		For Tinted Glass, Add	*72.59*	
		For Low-E Insulated Glass, Add	*151.23*	
		For Obscure Glass, Add	*166.36*	
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	738.72	56.59
		For Colored Vinyl, Add	*62.56*	
		For Tinted Glass, Add	*75.07*	
		For Low-E Insulated Glass, Add	*156.39*	
		For Obscure Glass, Add	*172.03*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	785.68	58.90
		For Colored Vinyl, Add	*66.79*	
		For Tinted Glass, Add	*80.15*	
		For Low-E Insulated Glass, Add	*166.97*	
		For Obscure Glass, Add	*183.67*	
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	730.78	57.74
		For Colored Vinyl, Add	*61.65*	
		For Tinted Glass, Add	*73.98*	
		For Low-E Insulated Glass, Add	*154.12*	
		For Obscure Glass, Add	*169.53*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	755.98	58.90
		For Colored Vinyl, Add	*63.82*	
		For Tinted Glass, Add	*76.58*	
		For Low-E Insulated Glass, Add	*159.55*	
		For Obscure Glass, Add	*175.50*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	782.37	61.20
		For Colored Vinyl, Add	*66.00*	
		For Tinted Glass, Add	*79.20*	
		For Low-E Insulated Glass, Add	*164.99*	
		For Obscure Glass, Add	*181.49*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	834.17	63.51
		For Colored Vinyl, Add	*70.71*	
		For Tinted Glass, Add	*84.86*	
		For Low-E Insulated Glass, Add	*176.79*	
		For Obscure Glass, Add	*194.46*	
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	767.39	60.05
		For Colored Vinyl, Add	*64.85*	
		For Tinted Glass, Add	*77.81*	
		For Low-E Insulated Glass, Add	*162.11*	
		For Obscure Glass, Add	*178.32*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	794.10	61.20
		For Colored Vinyl, Add	*67.17*	
		For Tinted Glass, Add	*80.60*	
		For Low-E Insulated Glass, Add	*167.93*	
		For Obscure Glass, Add	*184.72*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	821.94	63.51
		For Colored Vinyl, Add	*69.49*	
		For Tinted Glass, Add	*83.39*	
		For Low-E Insulated Glass, Add	*173.73*	
		For Obscure Glass, Add	*191.10*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	874.63	65.82
		For Colored Vinyl, Add	*74.30*	
		For Tinted Glass, Add	*89.16*	
		For Low-E Insulated Glass, Add	*185.75*	
		For Obscure Glass, Add	*204.32*	
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	807.46	63.51
		For Colored Vinyl, Add	*68.04*	
		For Tinted Glass, Add	*81.65*	
		For Low-E Insulated Glass, Add	*170.11*	
		For Obscure Glass, Add	*187.12*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	835.65	65.82
		For Colored Vinyl, Add	*70.52*	
		For Tinted Glass, Add	*84.62*	
		For Low-E Insulated Glass, Add	*176.29*	
		For Obscure Glass, Add	*193.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	865.00	67.55
		For Colored Vinyl, Add	*72.99*	
		For Tinted Glass, Add	*87.59*	
		For Low-E Insulated Glass, Add	*182.47*	
		For Obscure Glass, Add	*200.72*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	918.57	69.87
		For Colored Vinyl, Add	*77.88*	
		For Tinted Glass, Add	*93.46*	
		For Low-E Insulated Glass, Add	*194.71*	
		For Obscure Glass, Add	*214.18*	
08 53 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	844.46	66.98
		For Colored Vinyl, Add	*71.17*	
		For Tinted Glass, Add	*85.40*	
		For Low-E Insulated Glass, Add	*177.92*	
		For Obscure Glass, Add	*195.71*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	873.41	68.13
		For Colored Vinyl, Add	*73.72*	
		For Tinted Glass, Add	*88.46*	
		For Low-E Insulated Glass, Add	*184.29*	
		For Obscure Glass, Add	*202.72*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	904.79	70.44
		For Colored Vinyl, Add	*76.39*	
		For Tinted Glass, Add	*91.67*	
		For Low-E Insulated Glass, Add	*190.98*	
		For Obscure Glass, Add	*210.08*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	957.09	72.75
		For Colored Vinyl, Add	*81.16*	
		For Tinted Glass, Add	*97.39*	
		For Low-E Insulated Glass, Add	*202.90*	
		For Obscure Glass, Add	*223.19*	
08 53 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	889.45	70.44
		For Colored Vinyl, Add	*74.86*	
		For Tinted Glass, Add	*89.83*	
		For Low-E Insulated Glass, Add	*187.14*	
		For Obscure Glass, Add	*205.86*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	919.98	72.75
		For Colored Vinyl, Add	*77.56*	
		For Tinted Glass, Add	*93.08*	
		For Low-E Insulated Glass, Add	*193.91*	
		For Obscure Glass, Add	*213.30*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	949.94	74.48
		For Colored Vinyl, Add	*80.10*	
		For Tinted Glass, Add	*96.12*	
		For Low-E Insulated Glass, Add	*200.24*	
		For Obscure Glass, Add	*220.27*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	1,001.57	76.80
		For Colored Vinyl, Add	*84.80*	
		For Tinted Glass, Add	*101.76*	
		For Low-E Insulated Glass, Add	*212.00*	
		For Obscure Glass, Add	*233.20*	
08 53 13 00-0251		Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,178.93	58.90
		For Colored Vinyl, Add	*106.11*	
		For Tinted Glass, Add	*127.34*	
		For Low-E Insulated Glass, Add	*265.29*	
		For Obscure Glass, Add	*291.81*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,220.32	63.51
		For Colored Vinyl, Add	*109.45*	
		For Tinted Glass, Add	*131.33*	
		For Low-E Insulated Glass, Add	*273.61*	
		For Obscure Glass, Add	*300.97*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,262.92	68.13
		For Colored Vinyl, Add	*112.78*	
		For Tinted Glass, Add	*135.34*	
		For Low-E Insulated Glass, Add	*281.95*	
		For Obscure Glass, Add	*310.15*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,311.71	72.17
		For Colored Vinyl, Add	*116.74*	
		For Tinted Glass, Add	*140.08*	
		For Low-E Insulated Glass, Add	*291.84*	
		For Obscure Glass, Add	*321.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0257		**40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,248.88	61.78
		For Colored Vinyl, Add	*112.53*	
		For Tinted Glass, Add	*135.04*	
		For Low-E Insulated Glass, Add	*281.33*	
		For Obscure Glass, Add	*309.46*	
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,293.01	65.82
		For Colored Vinyl, Add	*116.14*	
		For Tinted Glass, Add	*139.36*	
		For Low-E Insulated Glass, Add	*290.34*	
		For Obscure Glass, Add	*319.38*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,338.36	70.44
		For Colored Vinyl, Add	*119.75*	
		For Tinted Glass, Add	*143.70*	
		For Low-E Insulated Glass, Add	*299.37*	
		For Obscure Glass, Add	*329.31*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,385.47	75.06
		For Colored Vinyl, Add	*123.54*	
		For Tinted Glass, Add	*148.24*	
		For Low-E Insulated Glass, Add	*308.84*	
		For Obscure Glass, Add	*339.72*	
08 53 13 00-0262		**48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,323.57	66.40
		For Colored Vinyl, Add	*119.08*	
		For Tinted Glass, Add	*142.89*	
		For Low-E Insulated Glass, Add	*297.69*	
		For Obscure Glass, Add	*327.46*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,369.68	70.44
		For Colored Vinyl, Add	*122.88*	
		For Tinted Glass, Add	*147.46*	
		For Low-E Insulated Glass, Add	*307.20*	
		For Obscure Glass, Add	*337.92*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,417.00	75.06
		For Colored Vinyl, Add	*126.69*	
		For Tinted Glass, Add	*152.03*	
		For Low-E Insulated Glass, Add	*316.72*	
		For Obscure Glass, Add	*348.39*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,468.74	79.68
		For Colored Vinyl, Add	*130.94*	
		For Tinted Glass, Add	*157.13*	
		For Low-E Insulated Glass, Add	*327.35*	
		For Obscure Glass, Add	*360.08*	
08 53 13 00-0267		**52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,393.49	68.71
		For Colored Vinyl, Add	*125.61*	
		For Tinted Glass, Add	*150.73*	
		For Low-E Insulated Glass, Add	*314.02*	
		For Obscure Glass, Add	*345.42*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,442.24	72.75
		For Colored Vinyl, Add	*129.67*	
		For Tinted Glass, Add	*155.61*	
		For Low-E Insulated Glass, Add	*324.19*	
		For Obscure Glass, Add	*356.60*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,492.15	77.37
		For Colored Vinyl, Add	*133.74*	
		For Tinted Glass, Add	*160.49*	
		For Low-E Insulated Glass, Add	*334.35*	
		For Obscure Glass, Add	*367.79*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,544.80	81.99
		For Colored Vinyl, Add	*138.08*	
		For Tinted Glass, Add	*165.70*	
		For Low-E Insulated Glass, Add	*345.21*	
		For Obscure Glass, Add	*379.73*	
08 53 13 00-0272		**60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,466.87	72.75
		For Colored Vinyl, Add	*132.14*	
		For Tinted Glass, Add	*158.56*	
		For Low-E Insulated Glass, Add	*330.34*	
		For Obscure Glass, Add	*363.38*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,518.26	77.37
		For Colored Vinyl, Add	*136.47*	
		For Tinted Glass, Add	*163.76*	
		For Low-E Insulated Glass, Add	*341.17*	
		For Obscure Glass, Add	*375.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,570.77	81.99
		For Colored Vinyl, Add	*140.79*	
		For Tinted Glass, Add	*168.95*	
		For Low-E Insulated Glass, Add	*351.99*	
		For Obscure Glass, Add	*387.18*	
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,624.27	86.03
		For Colored Vinyl, Add	*145.22*	
		For Tinted Glass, Add	*174.27*	
		For Low-E Insulated Glass, Add	*363.05*	
		For Obscure Glass, Add	*399.36*	
08 53 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,540.07	75.64
		For Colored Vinyl, Add	*138.88*	
		For Tinted Glass, Add	*166.66*	
		For Low-E Insulated Glass, Add	*347.20*	
		For Obscure Glass, Add	*381.92*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,591.47	79.68
		For Colored Vinyl, Add	*143.21*	
		For Tinted Glass, Add	*171.85*	
		For Low-E Insulated Glass, Add	*358.03*	
		For Obscure Glass, Add	*393.83*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,643.75	84.30
		For Colored Vinyl, Add	*147.52*	
		For Tinted Glass, Add	*177.02*	
		For Low-E Insulated Glass, Add	*368.79*	
		For Obscure Glass, Add	*405.67*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,697.48	88.92
		For Colored Vinyl, Add	*151.96*	
		For Tinted Glass, Add	*182.36*	
		For Low-E Insulated Glass, Add	*379.91*	
		For Obscure Glass, Add	*417.90*	
08 53 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,619.95	79.68
		For Colored Vinyl, Add	*146.06*	
		For Tinted Glass, Add	*175.27*	
		For Low-E Insulated Glass, Add	*365.15*	
		For Obscure Glass, Add	*401.66*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,671.34	84.30
		For Colored Vinyl, Add	*150.39*	
		For Tinted Glass, Add	*180.47*	
		For Low-E Insulated Glass, Add	*375.98*	
		For Obscure Glass, Add	*413.57*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,723.89	88.92
		For Colored Vinyl, Add	*154.72*	
		For Tinted Glass, Add	*185.67*	
		For Low-E Insulated Glass, Add	*386.80*	
		For Obscure Glass, Add	*425.48*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,777.41	92.96
		For Colored Vinyl, Add	*159.15*	
		For Tinted Glass, Add	*190.98*	
		For Low-E Insulated Glass, Add	*397.87*	
		For Obscure Glass, Add	*437.66*	
08 53 13 00-0287		Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0288		36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,453.16	75.06
		For Colored Vinyl, Add	*130.30*	
		For Tinted Glass, Add	*156.36*	
		For Low-E Insulated Glass, Add	*325.76*	
		For Obscure Glass, Add	*358.34*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,519.58	80.84
		For Colored Vinyl, Add	*135.79*	
		For Tinted Glass, Add	*162.95*	
		For Low-E Insulated Glass, Add	*339.48*	
		For Obscure Glass, Add	*373.43*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,640.19	89.49
		For Colored Vinyl, Add	*146.12*	
		For Tinted Glass, Add	*175.34*	
		For Low-E Insulated Glass, Add	*365.30*	
		For Obscure Glass, Add	*401.83*	
08 53 13 00-0292		40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,550.48	78.52
		For Colored Vinyl, Add	*139.46*	
		For Tinted Glass, Add	*167.35*	
		For Low-E Insulated Glass, Add	*348.65*	
		For Obscure Glass, Add	*383.51*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,617.47	83.72
		For Colored Vinyl, Add	*145.00*	
		For Tinted Glass, Add	*174.00*	
		For Low-E Insulated Glass, Add	*362.51*	
		For Obscure Glass, Add	*398.76*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,745.49	92.38
		For Colored Vinyl, Add	*156.07*	
		For Tinted Glass, Add	*187.29*	
		For Low-E Insulated Glass, Add	*390.18*	
		For Obscure Glass, Add	*429.20*	

08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,639.32	83.14
		For Colored Vinyl, Add	*147.30*	
		For Tinted Glass, Add	*176.76*	
		For Low-E Insulated Glass, Add	*368.26*	
		For Obscure Glass, Add	*405.08*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,720.14	88.34
		For Colored Vinyl, Add	*154.35*	
		For Tinted Glass, Add	*185.22*	
		For Low-E Insulated Glass, Add	*385.87*	
		For Obscure Glass, Add	*424.45*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,854.49	97.00
		For Colored Vinyl, Add	*166.05*	
		For Tinted Glass, Add	*199.26*	
		For Low-E Insulated Glass, Add	*415.12*	
		For Obscure Glass, Add	*456.63*	

08 53 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,732.34	85.45
		For Colored Vinyl, Add	*156.14*	
		For Tinted Glass, Add	*187.37*	
		For Low-E Insulated Glass, Add	*390.36*	
		For Obscure Glass, Add	*429.39*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,818.16	91.23
		For Colored Vinyl, Add	*163.57*	
		For Tinted Glass, Add	*196.29*	
		For Low-E Insulated Glass, Add	*408.93*	
		For Obscure Glass, Add	*449.82*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,973.56	99.31
		For Colored Vinyl, Add	*177.49*	
		For Tinted Glass, Add	*212.99*	
		For Low-E Insulated Glass, Add	*443.74*	
		For Obscure Glass, Add	*488.11*	

08 53 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,828.77	89.49
		For Colored Vinyl, Add	*164.98*	
		For Tinted Glass, Add	*197.97*	
		For Low-E Insulated Glass, Add	*412.45*	
		For Obscure Glass, Add	*453.69*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,918.45	95.27
		For Colored Vinyl, Add	*172.79*	
		For Tinted Glass, Add	*207.35*	
		For Low-E Insulated Glass, Add	*431.98*	
		For Obscure Glass, Add	*475.18*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,096.08	103.35
		For Colored Vinyl, Add	*188.94*	
		For Tinted Glass, Add	*226.73*	
		For Low-E Insulated Glass, Add	*472.35*	
		For Obscure Glass, Add	*519.58*	

08 53 13 00-0308 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,934.37	92.38
		For Colored Vinyl, Add	*174.96*	
		For Tinted Glass, Add	*209.95*	
		For Low-E Insulated Glass, Add	*437.40*	
		For Obscure Glass, Add	*481.14*	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,024.00	98.16
		For Colored Vinyl, Add	*182.77*	
		For Tinted Glass, Add	*219.32*	
		For Low-E Insulated Glass, Add	*456.92*	
		For Obscure Glass, Add	*502.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,201.64	106.24
		For Colored Vinyl, Add	*198.92*	
		For Tinted Glass, Add	*238.70*	
		For Low-E Insulated Glass, Add	*497.29*	
		For Obscure Glass, Add	*547.02*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,042.48	96.42
		For Colored Vinyl, Add	*184.96*	
		For Tinted Glass, Add	*221.96*	
		For Low-E Insulated Glass, Add	*462.41*	
		For Obscure Glass, Add	*508.65*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,132.11	102.20
		For Colored Vinyl, Add	*192.77*	
		For Tinted Glass, Add	*231.33*	
		For Low-E Insulated Glass, Add	*481.93*	
		For Obscure Glass, Add	*530.12*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	2,309.74	110.28
		For Colored Vinyl, Add	*208.92*	
		For Tinted Glass, Add	*250.70*	
		For Low-E Insulated Glass, Add	*522.30*	
		For Obscure Glass, Add	*574.52*	

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	744.02	49.08
		For Colored Vinyl, Add	*64.59*	
		For Tinted Glass, Add	*77.50*	
		For Low-E Insulated Glass, Add	*161.47*	
		For Obscure Glass, Add	*177.61*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	845.44	54.85
		For Colored Vinyl, Add	*73.57*	
		For Tinted Glass, Add	*88.29*	
		For Low-E Insulated Glass, Add	*183.93*	
		For Obscure Glass, Add	*202.33*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	936.69	60.63
		For Colored Vinyl, Add	*81.54*	
		For Tinted Glass, Add	*97.85*	
		For Low-E Insulated Glass, Add	*203.86*	
		For Obscure Glass, Add	*224.25*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	1,017.81	66.40
		For Colored Vinyl, Add	*88.50*	
		For Tinted Glass, Add	*106.20*	
		For Low-E Insulated Glass, Add	*221.25*	
		For Obscure Glass, Add	*243.38*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	1,088.75	72.17
		For Colored Vinyl, Add	*94.44*	
		For Tinted Glass, Add	*113.33*	
		For Low-E Insulated Glass, Add	*236.10*	
		For Obscure Glass, Add	*259.71*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	1,130.27	77.95
		For Colored Vinyl, Add	*97.44*	
		For Tinted Glass, Add	*116.92*	
		For Low-E Insulated Glass, Add	*243.59*	
		For Obscure Glass, Add	*267.95*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	11.16	0.75
		For Colored Vinyl, Add	*0.97*	
		For Tinted Glass, Add	*1.16*	
		For Low-E Insulated Glass, Add	*2.41*	
		For Obscure Glass, Add	*2.65*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,251.75	60.63
		For Colored Vinyl, Add	*113.05*	
		For Tinted Glass, Add	*135.66*	
		For Low-E Insulated Glass, Add	*282.63*	
		For Obscure Glass, Add	*310.89*	
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,376.02	66.40
		For Colored Vinyl, Add	*124.32*	
		For Tinted Glass, Add	*149.19*	
		For Low-E Insulated Glass, Add	*310.81*	
		For Obscure Glass, Add	*341.89*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,490.13	72.17
		For Colored Vinyl, Add	*134.58*	
		For Tinted Glass, Add	*161.49*	
		For Low-E Insulated Glass, Add	*336.45*	
		For Obscure Glass, Add	*370.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,566.17	77.95
		For Colored Vinyl, Add	*141.03*	
		For Tinted Glass, Add	*169.23*	
		For Low-E Insulated Glass, Add	*352.57*	
		For Obscure Glass, Add	*387.82*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,647.53	83.72
		For Colored Vinyl, Add	*148.01*	
		For Tinted Glass, Add	*177.61*	
		For Low-E Insulated Glass, Add	*370.02*	
		For Obscure Glass, Add	*407.02*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,732.70	89.49
		For Colored Vinyl, Add	*155.37*	
		For Tinted Glass, Add	*186.45*	
		For Low-E Insulated Glass, Add	*388.43*	
		For Obscure Glass, Add	*427.27*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	14.46	0.75
		For Colored Vinyl, Add	*1.30*	
		For Tinted Glass, Add	*1.55*	
		For Low-E Insulated Glass, Add	*3.24*	
		For Obscure Glass, Add	*3.56*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,307.35	60.63
		For Colored Vinyl, Add	*118.61*	
		For Tinted Glass, Add	*142.33*	
		For Low-E Insulated Glass, Add	*296.53*	
		For Obscure Glass, Add	*326.18*	
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,437.71	66.40
		For Colored Vinyl, Add	*130.49*	
		For Tinted Glass, Add	*156.59*	
		For Low-E Insulated Glass, Add	*326.23*	
		For Obscure Glass, Add	*358.85*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,560.96	72.17
		For Colored Vinyl, Add	*141.66*	
		For Tinted Glass, Add	*169.99*	
		For Low-E Insulated Glass, Add	*354.16*	
		For Obscure Glass, Add	*389.57*	
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,643.10	77.95
		For Colored Vinyl, Add	*148.72*	
		For Tinted Glass, Add	*178.46*	
		For Low-E Insulated Glass, Add	*371.80*	
		For Obscure Glass, Add	*408.98*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,731.31	83.72
		For Colored Vinyl, Add	*156.39*	
		For Tinted Glass, Add	*187.66*	
		For Low-E Insulated Glass, Add	*390.97*	
		For Obscure Glass, Add	*430.06*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,824.10	89.49
		For Colored Vinyl, Add	*164.51*	
		For Tinted Glass, Add	*197.41*	
		For Low-E Insulated Glass, Add	*411.28*	
		For Obscure Glass, Add	*452.41*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	15.22	0.75
		For Colored Vinyl, Add	*1.37*	
		For Tinted Glass, Add	*1.65*	
		For Low-E Insulated Glass, Add	*3.43*	
		For Obscure Glass, Add	*3.77*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	750.56	47.34
		For Colored Vinyl, Add	*65.59*	
		For Tinted Glass, Add	*78.70*	
		For Low-E Insulated Glass, Add	*163.97*	
		For Obscure Glass, Add	*180.36*	
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	785.63	49.66
		For Colored Vinyl, Add	*68.63*	
		For Tinted Glass, Add	*82.36*	
		For Low-E Insulated Glass, Add	*171.58*	
		For Obscure Glass, Add	*188.74*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	839.41	53.70
		For Colored Vinyl, Add	*73.20*	
		For Tinted Glass, Add	*87.84*	
		For Low-E Insulated Glass, Add	*183.01*	
		For Obscure Glass, Add	*201.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	873.93	56.59
		For Colored Vinyl, Add	*76.08*	
		For Tinted Glass, Add	*91.29*	
		For Low-E Insulated Glass, Add	*190.19*	
		For Obscure Glass, Add	*209.21*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	930.58	61.20
		For Colored Vinyl, Add	*80.82*	
		For Tinted Glass, Add	*96.98*	
		For Low-E Insulated Glass, Add	*202.05*	
		For Obscure Glass, Add	*222.25*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	792.10	49.66
		For Colored Vinyl, Add	*69.39*	
		For Tinted Glass, Add	*83.27*	
		For Low-E Insulated Glass, Add	*173.49*	
		For Obscure Glass, Add	*190.83*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	827.19	51.97
		For Colored Vinyl, Add	*72.44*	
		For Tinted Glass, Add	*86.93*	
		For Low-E Insulated Glass, Add	*181.10*	
		For Obscure Glass, Add	*199.21*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	885.18	55.43
		For Colored Vinyl, Add	*77.43*	
		For Tinted Glass, Add	*92.92*	
		For Low-E Insulated Glass, Add	*193.58*	
		For Obscure Glass, Add	*212.94*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	919.74	58.90
		For Colored Vinyl, Add	*80.31*	
		For Tinted Glass, Add	*96.37*	
		For Low-E Insulated Glass, Add	*200.78*	
		For Obscure Glass, Add	*220.86*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	980.56	62.94
		For Colored Vinyl, Add	*85.47*	
		For Tinted Glass, Add	*102.56*	
		For Low-E Insulated Glass, Add	*213.67*	
		For Obscure Glass, Add	*235.04*	

08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	817.84	51.97
		For Colored Vinyl, Add	*71.51*	
		For Tinted Glass, Add	*85.81*	
		For Low-E Insulated Glass, Add	*178.77*	
		For Obscure Glass, Add	*196.64*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	852.92	54.27
		For Colored Vinyl, Add	*74.55*	
		For Tinted Glass, Add	*89.46*	
		For Low-E Insulated Glass, Add	*186.38*	
		For Obscure Glass, Add	*205.02*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	913.04	57.74
		For Colored Vinyl, Add	*79.76*	
		For Tinted Glass, Add	*95.71*	
		For Low-E Insulated Glass, Add	*199.39*	
		For Obscure Glass, Add	*219.33*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	951.01	61.20
		For Colored Vinyl, Add	*82.98*	
		For Tinted Glass, Add	*99.57*	
		For Low-E Insulated Glass, Add	*207.44*	
		For Obscure Glass, Add	*228.18*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	1,012.70	65.24
		For Colored Vinyl, Add	*88.22*	
		For Tinted Glass, Add	*105.87*	
		For Low-E Insulated Glass, Add	*220.55*	
		For Obscure Glass, Add	*242.61*	

08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	843.63	54.27
		For Colored Vinyl, Add	*73.62*	
		For Tinted Glass, Add	*88.35*	
		For Low-E Insulated Glass, Add	*184.06*	
		For Obscure Glass, Add	*202.47*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	878.71	56.59
		For Colored Vinyl, Add	*76.67*	
		For Tinted Glass, Add	*92.00*	
		For Low-E Insulated Glass, Add	*191.68*	
		For Obscure Glass, Add	*210.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	940.98	60.05
		For Colored Vinyl, Add	*82.09*	
		For Tinted Glass, Add	*98.51*	
		For Low-E Insulated Glass, Add	*205.22*	
		For Obscure Glass, Add	*225.74*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	982.09	63.51
		For Colored Vinyl, Add	*85.62*	
		For Tinted Glass, Add	*102.75*	
		For Low-E Insulated Glass, Add	*214.06*	
		For Obscure Glass, Add	*235.46*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	1,044.84	67.55
		For Colored Vinyl, Add	*90.97*	
		For Tinted Glass, Add	*109.17*	
		For Low-E Insulated Glass, Add	*227.43*	
		For Obscure Glass, Add	*250.18*	

08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	995.57	64.09
		For Colored Vinyl, Add	*86.74*	
		For Tinted Glass, Add	*104.09*	
		For Low-E Insulated Glass, Add	*216.85*	
		For Obscure Glass, Add	*238.53*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	1,036.74	66.98
		For Colored Vinyl, Add	*90.28*	
		For Tinted Glass, Add	*108.33*	
		For Low-E Insulated Glass, Add	*225.70*	
		For Obscure Glass, Add	*248.26*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	1,103.70	71.60
		For Colored Vinyl, Add	*96.05*	
		For Tinted Glass, Add	*115.26*	
		For Low-E Insulated Glass, Add	*240.13*	
		For Obscure Glass, Add	*264.14*	

08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	784.38	49.08
		For Colored Vinyl, Add	*68.62*	
		For Tinted Glass, Add	*82.35*	
		For Low-E Insulated Glass, Add	*171.56*	
		For Obscure Glass, Add	*188.71*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	909.41	54.85
		For Colored Vinyl, Add	*79.97*	
		For Tinted Glass, Add	*95.96*	
		For Low-E Insulated Glass, Add	*199.93*	
		For Obscure Glass, Add	*219.92*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	1,029.36	60.63
		For Colored Vinyl, Add	*90.81*	
		For Tinted Glass, Add	*108.97*	
		For Low-E Insulated Glass, Add	*227.03*	
		For Obscure Glass, Add	*249.73*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	1,144.24	66.40
		For Colored Vinyl, Add	*101.14*	
		For Tinted Glass, Add	*121.37*	
		For Low-E Insulated Glass, Add	*252.86*	
		For Obscure Glass, Add	*278.15*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	1,254.03	72.17
		For Colored Vinyl, Add	*110.97*	
		For Tinted Glass, Add	*133.16*	
		For Low-E Insulated Glass, Add	*277.42*	
		For Obscure Glass, Add	*305.16*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	1,309.76	77.95
		For Colored Vinyl, Add	*115.39*	
		For Tinted Glass, Add	*138.46*	
		For Low-E Insulated Glass, Add	*288.47*	
		For Obscure Glass, Add	*317.31*	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	12.93	0.75
		For Colored Vinyl, Add	*1.14*	
		For Tinted Glass, Add	*1.37*	
		For Low-E Insulated Glass, Add	*2.86*	
		For Obscure Glass, Add	*3.14*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	418.54	56.59
		For Colored Vinyl, Add	*30.65*	
		For Tinted Glass, Add	*36.78*	
		For Low-E Insulated Glass, Add	*76.63*	
		For Obscure Glass, Add	*84.30*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	462.46	63.51
		For Colored Vinyl, Add	*33.66*	
		For Tinted Glass, Add	*40.39*	
		For Low-E Insulated Glass, Add	*84.15*	
		For Obscure Glass, Add	*92.56*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	484.42	66.40
		For Colored Vinyl, Add	*35.16*	
		For Tinted Glass, Add	*42.19*	
		For Low-E Insulated Glass, Add	*87.91*	
		For Obscure Glass, Add	*96.70*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	506.38	69.87
		For Colored Vinyl, Add	*36.67*	
		For Tinted Glass, Add	*44.00*	
		For Low-E Insulated Glass, Add	*91.66*	
		For Obscure Glass, Add	*100.83*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	520.99	72.75
		For Colored Vinyl, Add	*37.67*	
		For Tinted Glass, Add	*45.20*	
		For Low-E Insulated Glass, Add	*94.16*	
		For Obscure Glass, Add	*103.58*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	550.28	76.80
		For Colored Vinyl, Add	*39.67*	
		For Tinted Glass, Add	*47.60*	
		For Low-E Insulated Glass, Add	*99.18*	
		For Obscure Glass, Add	*109.09*	

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	440.07	58.90
		For Colored Vinyl, Add	*32.34*	
		For Tinted Glass, Add	*38.81*	
		For Low-E Insulated Glass, Add	*80.86*	
		For Obscure Glass, Add	*88.95*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	485.36	65.82
		For Colored Vinyl, Add	*35.49*	
		For Tinted Glass, Add	*42.58*	
		For Low-E Insulated Glass, Add	*88.72*	
		For Obscure Glass, Add	*97.59*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	508.18	68.71
		For Colored Vinyl, Add	*37.08*	
		For Tinted Glass, Add	*44.49*	
		For Low-E Insulated Glass, Add	*92.69*	
		For Obscure Glass, Add	*101.96*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	530.69	72.17
		For Colored Vinyl, Add	*38.64*	
		For Tinted Glass, Add	*46.36*	
		For Low-E Insulated Glass, Add	*96.59*	
		For Obscure Glass, Add	*106.25*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	545.78	75.06
		For Colored Vinyl, Add	*39.68*	
		For Tinted Glass, Add	*47.62*	
		For Low-E Insulated Glass, Add	*99.20*	
		For Obscure Glass, Add	*109.12*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	575.98	79.10
		For Colored Vinyl, Add	*41.78*	
		For Tinted Glass, Add	*50.13*	
		For Low-E Insulated Glass, Add	*104.45*	
		For Obscure Glass, Add	*114.89*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	505.11	65.82
		For Colored Vinyl, Add	*37.46*	
		For Tinted Glass, Add	*44.95*	
		For Low-E Insulated Glass, Add	*93.66*	
		For Obscure Glass, Add	*103.02*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	554.80	72.75
		For Colored Vinyl, Add	*41.05*	
		For Tinted Glass, Add	*49.26*	
		For Low-E Insulated Glass, Add	*102.62*	
		For Obscure Glass, Add	*112.88*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	579.71	75.64
		For Colored Vinyl, Add	*42.84*	
		For Tinted Glass, Add	*51.41*	
		For Low-E Insulated Glass, Add	*107.11*	
		For Obscure Glass, Add	*117.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	604.56	79.10
		For Colored Vinyl, Add	*44.64*	
		For Tinted Glass, Add	*53.56*	
		For Low-E Insulated Glass, Add	*111.59*	
		For Obscure Glass, Add	*122.75*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	621.17	80.84
		For Colored Vinyl, Add	*45.83*	
		For Tinted Glass, Add	*55.00*	
		For Low-E Insulated Glass, Add	*114.59*	
		For Obscure Glass, Add	*126.04*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	654.32	86.03
		For Colored Vinyl, Add	*48.23*	
		For Tinted Glass, Add	*57.87*	
		For Low-E Insulated Glass, Add	*120.57*	
		For Obscure Glass, Add	*132.62*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	537.63	69.28
		For Colored Vinyl, Add	*40.02*	
		For Tinted Glass, Add	*48.03*	
		For Low-E Insulated Glass, Add	*100.05*	
		For Obscure Glass, Add	*110.06*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	589.56	76.21
		For Colored Vinyl, Add	*43.83*	
		For Tinted Glass, Add	*52.59*	
		For Low-E Insulated Glass, Add	*109.57*	
		For Obscure Glass, Add	*120.53*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	615.58	79.10
		For Colored Vinyl, Add	*45.74*	
		For Tinted Glass, Add	*54.89*	
		For Low-E Insulated Glass, Add	*114.35*	
		For Obscure Glass, Add	*125.78*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	641.55	82.56
		For Colored Vinyl, Add	*47.64*	
		For Tinted Glass, Add	*57.17*	
		For Low-E Insulated Glass, Add	*119.11*	
		For Obscure Glass, Add	*131.02*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	658.82	85.45
		For Colored Vinyl, Add	*48.91*	
		For Tinted Glass, Add	*58.69*	
		For Low-E Insulated Glass, Add	*122.27*	
		For Obscure Glass, Add	*134.49*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	693.49	89.49
		For Colored Vinyl, Add	*51.45*	
		For Tinted Glass, Add	*61.74*	
		For Low-E Insulated Glass, Add	*128.63*	
		For Obscure Glass, Add	*141.49*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	548.47	70.44
		For Colored Vinyl, Add	*40.87*	
		For Tinted Glass, Add	*49.05*	
		For Low-E Insulated Glass, Add	*102.19*	
		For Obscure Glass, Add	*112.40*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	601.16	77.37
		For Colored Vinyl, Add	*44.76*	
		For Tinted Glass, Add	*53.71*	
		For Low-E Insulated Glass, Add	*111.90*	
		For Obscure Glass, Add	*123.08*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	627.49	80.26
		For Colored Vinyl, Add	*46.70*	
		For Tinted Glass, Add	*56.04*	
		For Low-E Insulated Glass, Add	*116.75*	
		For Obscure Glass, Add	*128.42*	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	653.86	83.72
		For Colored Vinyl, Add	*48.64*	
		For Tinted Glass, Add	*58.37*	
		For Low-E Insulated Glass, Add	*121.61*	
		For Obscure Glass, Add	*133.77*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	671.43	86.60
		For Colored Vinyl, Add	*49.94*	
		For Tinted Glass, Add	*59.92*	
		For Low-E Insulated Glass, Add	*124.84*	
		For Obscure Glass, Add	*137.33*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	706.52	90.65
		For Colored Vinyl, Add	*52.52*	
		For Tinted Glass, Add	*63.03*	
		For Low-E Insulated Glass, Add	*131.31*	
		For Obscure Glass, Add	*144.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0417		**46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)** *(08 53 13 00-0381)*		
08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	559.31	71.60
		For Colored Vinyl, Add	*41.73*	
		For Tinted Glass, Add	*50.07*	
		For Low-E Insulated Glass, Add	*104.32*	
		For Obscure Glass, Add	*114.75*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	612.72	78.52
		For Colored Vinyl, Add	*45.68*	
		For Tinted Glass, Add	*54.82*	
		For Low-E Insulated Glass, Add	*114.21*	
		For Obscure Glass, Add	*125.63*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	639.45	81.41
		For Colored Vinyl, Add	*47.66*	
		For Tinted Glass, Add	*57.19*	
		For Low-E Insulated Glass, Add	*119.16*	
		For Obscure Glass, Add	*131.07*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	666.14	84.88
		For Colored Vinyl, Add	*49.64*	
		For Tinted Glass, Add	*59.57*	
		For Low-E Insulated Glass, Add	*124.10*	
		For Obscure Glass, Add	*136.50*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	683.95	87.77
		For Colored Vinyl, Add	*50.96*	
		For Tinted Glass, Add	*61.15*	
		For Low-E Insulated Glass, Add	*127.40*	
		For Obscure Glass, Add	*140.13*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	719.58	91.81
		For Colored Vinyl, Add	*53.60*	
		For Tinted Glass, Add	*64.32*	
		For Low-E Insulated Glass, Add	*134.00*	
		For Obscure Glass, Add	*147.39*	
08 53 13 00-0424		**48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)** *(08 53 13 00-0381)*		
08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	570.14	72.75
		For Colored Vinyl, Add	*42.58*	
		For Tinted Glass, Add	*51.10*	
		For Low-E Insulated Glass, Add	*106.45*	
		For Obscure Glass, Add	*117.10*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	624.31	79.68
		For Colored Vinyl, Add	*46.61*	
		For Tinted Glass, Add	*55.93*	
		For Low-E Insulated Glass, Add	*116.53*	
		For Obscure Glass, Add	*128.18*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	651.40	82.56
		For Colored Vinyl, Add	*48.63*	
		For Tinted Glass, Add	*58.35*	
		For Low-E Insulated Glass, Add	*121.57*	
		For Obscure Glass, Add	*133.72*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	678.44	86.03
		For Colored Vinyl, Add	*50.64*	
		For Tinted Glass, Add	*60.77*	
		For Low-E Insulated Glass, Add	*126.60*	
		For Obscure Glass, Add	*139.25*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	696.51	88.92
		For Colored Vinyl, Add	*51.98*	
		For Tinted Glass, Add	*62.38*	
		For Low-E Insulated Glass, Add	*129.96*	
		For Obscure Glass, Add	*142.95*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	732.66	92.96
		For Colored Vinyl, Add	*54.67*	
		For Tinted Glass, Add	*65.61*	
		For Low-E Insulated Glass, Add	*136.69*	
		For Obscure Glass, Add	*150.35*	
08 53 13 00-0431		**50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)** *(08 53 13 00-0381)*		
08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	580.98	73.91
		For Colored Vinyl, Add	*43.43*	
		For Tinted Glass, Add	*52.12*	
		For Low-E Insulated Glass, Add	*108.58*	
		For Obscure Glass, Add	*119.44*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	635.86	80.84
		For Colored Vinyl, Add	*47.54*	
		For Tinted Glass, Add	*57.04*	
		For Low-E Insulated Glass, Add	*118.84*	
		For Obscure Glass, Add	*130.72*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	663.31	83.72
		For Colored Vinyl, Add	*49.59*	
		For Tinted Glass, Add	*59.50*	
		For Low-E Insulated Glass, Add	*123.97*	
		For Obscure Glass, Add	*136.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	690.75	87.18
		For Colored Vinyl, Add	*51.64*	
		For Tinted Glass, Add	*61.97*	
		For Low-E Insulated Glass, Add	*129.10*	
		For Obscure Glass, Add	*142.00*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	709.08	90.07
		For Colored Vinyl, Add	*53.01*	
		For Tinted Glass, Add	*63.61*	
		For Low-E Insulated Glass, Add	*132.52*	
		For Obscure Glass, Add	*145.77*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	745.69	94.11
		For Colored Vinyl, Add	*55.75*	
		For Tinted Glass, Add	*66.90*	
		For Low-E Insulated Glass, Add	*139.37*	
		For Obscure Glass, Add	*153.30*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	591.83	75.06
		For Colored Vinyl, Add	*44.29*	
		For Tinted Glass, Add	*53.14*	
		For Low-E Insulated Glass, Add	*110.72*	
		For Obscure Glass, Add	*121.79*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	647.48	81.99
		For Colored Vinyl, Add	*48.47*	
		For Tinted Glass, Add	*58.16*	
		For Low-E Insulated Glass, Add	*121.16*	
		For Obscure Glass, Add	*133.28*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	675.27	84.88
		For Colored Vinyl, Add	*50.55*	
		For Tinted Glass, Add	*60.66*	
		For Low-E Insulated Glass, Add	*126.38*	
		For Obscure Glass, Add	*139.02*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	703.11	88.34
		For Colored Vinyl, Add	*52.64*	
		For Tinted Glass, Add	*63.17*	
		For Low-E Insulated Glass, Add	*131.61*	
		For Obscure Glass, Add	*144.77*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	721.65	91.23
		For Colored Vinyl, Add	*54.04*	
		For Tinted Glass, Add	*64.84*	
		For Low-E Insulated Glass, Add	*135.09*	
		For Obscure Glass, Add	*148.60*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	758.75	95.27
		For Colored Vinyl, Add	*56.82*	
		For Tinted Glass, Add	*68.19*	
		For Low-E Insulated Glass, Add	*142.06*	
		For Obscure Glass, Add	*156.26*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	602.66	76.21
		For Colored Vinyl, Add	*45.14*	
		For Tinted Glass, Add	*54.17*	
		For Low-E Insulated Glass, Add	*112.85*	
		For Obscure Glass, Add	*124.13*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	659.02	83.14
		For Colored Vinyl, Add	*49.39*	
		For Tinted Glass, Add	*59.27*	
		For Low-E Insulated Glass, Add	*123.47*	
		For Obscure Glass, Add	*135.82*	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	687.22	86.03
		For Colored Vinyl, Add	*51.52*	
		For Tinted Glass, Add	*61.82*	
		For Low-E Insulated Glass, Add	*128.79*	
		For Obscure Glass, Add	*141.67*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	715.43	89.49
		For Colored Vinyl, Add	*53.64*	
		For Tinted Glass, Add	*64.37*	
		For Low-E Insulated Glass, Add	*134.11*	
		For Obscure Glass, Add	*147.52*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	734.20	92.38
		For Colored Vinyl, Add	*55.06*	
		For Tinted Glass, Add	*66.07*	
		For Low-E Insulated Glass, Add	*137.65*	
		For Obscure Glass, Add	*151.42*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	771.79	96.42
		For Colored Vinyl, Add	*57.89*	
		For Tinted Glass, Add	*69.47*	
		For Low-E Insulated Glass, Add	*144.74*	
		For Obscure Glass, Add	*159.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	657.67	79.68
		For Colored Vinyl, Add	*49.95*	
		For Tinted Glass, Add	*59.94*	
		For Low-E Insulated Glass, Add	*124.87*	
		For Obscure Glass, Add	*137.35*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	693.77	86.60
		For Colored Vinyl, Add	*52.17*	
		For Tinted Glass, Add	*62.61*	
		For Low-E Insulated Glass, Add	*130.43*	
		For Obscure Glass, Add	*143.47*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	723.09	89.49
		For Colored Vinyl, Add	*54.41*	
		For Tinted Glass, Add	*65.29*	
		For Low-E Insulated Glass, Add	*136.03*	
		For Obscure Glass, Add	*149.63*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	752.36	92.96
		For Colored Vinyl, Add	*56.64*	
		For Tinted Glass, Add	*67.97*	
		For Low-E Insulated Glass, Add	*141.61*	
		For Obscure Glass, Add	*155.77*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	771.90	95.85
		For Colored Vinyl, Add	*58.14*	
		For Tinted Glass, Add	*69.76*	
		For Low-E Insulated Glass, Add	*145.34*	
		For Obscure Glass, Add	*159.88*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	810.96	99.89
		For Colored Vinyl, Add	*61.12*	
		For Tinted Glass, Add	*73.34*	
		For Low-E Insulated Glass, Add	*152.80*	
		For Obscure Glass, Add	*168.07*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	695.77	60.63
		For Colored Vinyl, Add	*57.45*	
		For Tinted Glass, Add	*68.94*	
		For Low-E Insulated Glass, Add	*143.63*	
		For Obscure Glass, Add	*157.99*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	764.95	66.40
		For Colored Vinyl, Add	*63.22*	
		For Tinted Glass, Add	*75.86*	
		For Low-E Insulated Glass, Add	*158.04*	
		For Obscure Glass, Add	*173.84*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	829.04	72.17
		For Colored Vinyl, Add	*68.47*	
		For Tinted Glass, Add	*82.16*	
		For Low-E Insulated Glass, Add	*171.18*	
		For Obscure Glass, Add	*188.29*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	873.86	77.95
		For Colored Vinyl, Add	*71.80*	
		For Tinted Glass, Add	*86.16*	
		For Low-E Insulated Glass, Add	*179.49*	
		For Obscure Glass, Add	*197.44*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	921.45	83.72
		For Colored Vinyl, Add	*75.40*	
		For Tinted Glass, Add	*90.48*	
		For Low-E Insulated Glass, Add	*188.50*	
		For Obscure Glass, Add	*207.35*	
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	1,001.54	89.49
		For Colored Vinyl, Add	*82.26*	
		For Tinted Glass, Add	*98.71*	
		For Low-E Insulated Glass, Add	*205.64*	
		For Obscure Glass, Add	*226.20*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	8.36	0.75
		For Colored Vinyl, Add	*0.69*	
		For Tinted Glass, Add	*0.82*	
		For Low-E Insulated Glass, Add	*1.71*	
		For Obscure Glass, Add	*1.88*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	397.03	46.19
		For Colored Vinyl, Add	*30.47*	
		For Tinted Glass, Add	*36.56*	
		For Low-E Insulated Glass, Add	*76.16*	
		For Obscure Glass, Add	*83.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	432.57	46.19
		For Colored Vinyl, Add	*34.02*	
		For Tinted Glass, Add	*40.82*	
		For Low-E Insulated Glass, Add	*85.05*	
		For Obscure Glass, Add	*93.55*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	452.88	46.19
		For Colored Vinyl, Add	*36.05*	
		For Tinted Glass, Add	*43.26*	
		For Low-E Insulated Glass, Add	*90.13*	
		For Obscure Glass, Add	*99.14*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	521.66	45.04
		For Colored Vinyl, Add	*43.16*	
		For Tinted Glass, Add	*51.79*	
		For Low-E Insulated Glass, Add	*107.90*	
		For Obscure Glass, Add	*118.69*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	578.68	51.97
		For Colored Vinyl, Add	*47.48*	
		For Tinted Glass, Add	*56.97*	
		For Low-E Insulated Glass, Add	*118.69*	
		For Obscure Glass, Add	*130.56*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	10.14	0.75
		For Colored Vinyl, Add	*0.86*	
		For Tinted Glass, Add	*1.04*	
		For Low-E Insulated Glass, Add	*2.16*	
		For Obscure Glass, Add	*2.37*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	67.11	10.48
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	94.80	10.48
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	104.04	10.48
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	122.50	10.48
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	164.04	10.48
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	182.51	10.48
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	210.20	10.48
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	228.67	10.48
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	6.98	0.21

08 54 Composite Windows *(08 50)*

08 54 13 Fiberglass Windows *(08 54)*

08 54 13 00-0001 Single Hung Fiberglass Windows *(08 54 13)*

08 54 13 00-0002 New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0001)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0003 34" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0004	EA	24" x 34", New Construction, Single Hung Fiberglass Window	997.28	53.12
		For Colored Vinyl, Add	*89.10*	
		For Tinted Glass, Add	*106.92*	
		For Low-E Insulated Glass, Add	*222.76*	
		For Obscure Glass, Add	*245.04*	
08 54 13 00-0005	EA	28" x 34", New Construction, Single Hung Fiberglass Window	1,051.51	55.43
		For Colored Vinyl, Add	*94.07*	
		For Tinted Glass, Add	*112.88*	
		For Low-E Insulated Glass, Add	*235.16*	
		For Obscure Glass, Add	*258.68*	
08 54 13 00-0006	EA	30" x 34", New Construction, Single Hung Fiberglass Window	1,073.02	56.59
		For Colored Vinyl, Add	*95.99*	
		For Tinted Glass, Add	*115.18*	
		For Low-E Insulated Glass, Add	*239.96*	
		For Obscure Glass, Add	*263.96*	
08 54 13 00-0007	EA	32" x 34", New Construction, Single Hung Fiberglass Window	1,096.97	57.74
		For Colored Vinyl, Add	*98.15*	
		For Tinted Glass, Add	*117.78*	
		For Low-E Insulated Glass, Add	*245.38*	
		For Obscure Glass, Add	*269.91*	
08 54 13 00-0008	EA	36" x 34", New Construction, Single Hung Fiberglass Window	1,162.35	60.05
		For Colored Vinyl, Add	*104.23*	
		For Tinted Glass, Add	*125.07*	
		For Low-E Insulated Glass, Add	*260.56*	
		For Obscure Glass, Add	*286.62*	
08 54 13 00-0009	EA	44" x 34", New Construction, Single Hung Fiberglass Window	1,263.38	64.67
		For Colored Vinyl, Add	*113.41*	
		For Tinted Glass, Add	*136.09*	
		For Low-E Insulated Glass, Add	*283.51*	
		For Obscure Glass, Add	*311.86*	
08 54 13 00-0010		**36" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0011	EA	24" x 36", New Construction, Single Hung Fiberglass Window	1,017.02	54.27
		For Colored Vinyl, Add	*90.85*	
		For Tinted Glass, Add	*109.02*	
		For Low-E Insulated Glass, Add	*227.12*	
		For Obscure Glass, Add	*249.83*	
08 54 13 00-0012	EA	28" x 36", New Construction, Single Hung Fiberglass Window	1,071.33	55.43
		For Colored Vinyl, Add	*95.82*	
		For Tinted Glass, Add	*114.98*	
		For Low-E Insulated Glass, Add	*239.54*	
		For Obscure Glass, Add	*263.49*	
08 54 13 00-0013	EA	30" x 36", New Construction, Single Hung Fiberglass Window	1,092.83	57.74
		For Colored Vinyl, Add	*97.74*	
		For Tinted Glass, Add	*117.28*	
		For Low-E Insulated Glass, Add	*244.34*	
		For Obscure Glass, Add	*268.77*	
08 54 13 00-0014	EA	32" x 36", New Construction, Single Hung Fiberglass Window	1,116.81	58.90
		For Colored Vinyl, Add	*99.90*	
		For Tinted Glass, Add	*119.88*	
		For Low-E Insulated Glass, Add	*249.76*	
		For Obscure Glass, Add	*274.73*	
08 54 13 00-0015	EA	36" x 36", New Construction, Single Hung Fiberglass Window	1,182.10	61.20
		For Colored Vinyl, Add	*105.97*	
		For Tinted Glass, Add	*127.16*	
		For Low-E Insulated Glass, Add	*264.93*	
		For Obscure Glass, Add	*291.42*	
08 54 13 00-0016	EA	44" x 36", New Construction, Single Hung Fiberglass Window	1,283.13	65.82
		For Colored Vinyl, Add	*115.15*	
		For Tinted Glass, Add	*138.18*	
		For Low-E Insulated Glass, Add	*287.87*	
		For Obscure Glass, Add	*316.66*	
08 54 13 00-0017		**38" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0018	EA	24" x 38", New Construction, Single Hung Fiberglass Window	1,036.02	55.43
		For Colored Vinyl, Add	*92.52*	
		For Tinted Glass, Add	*111.02*	
		For Low-E Insulated Glass, Add	*231.29*	
		For Obscure Glass, Add	*254.42*	
08 54 13 00-0019	EA	28" x 38", New Construction, Single Hung Fiberglass Window	1,090.31	57.74
		For Colored Vinyl, Add	*97.48*	
		For Tinted Glass, Add	*116.98*	
		For Low-E Insulated Glass, Add	*243.71*	
		For Obscure Glass, Add	*268.08*	
08 54 13 00-0020	EA	30" x 38", New Construction, Single Hung Fiberglass Window	1,112.88	58.90
		For Colored Vinyl, Add	*99.51*	
		For Tinted Glass, Add	*119.41*	
		For Low-E Insulated Glass, Add	*248.77*	
		For Obscure Glass, Add	*273.65*	
08 54 13 00-0021	EA	32" x 38", New Construction, Single Hung Fiberglass Window	1,136.91	60.05
		For Colored Vinyl, Add	*101.68*	
		For Tinted Glass, Add	*122.02*	
		For Low-E Insulated Glass, Add	*254.20*	
		For Obscure Glass, Add	*279.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0022	EA	36" x 38", New Construction, Single Hung Fiberglass Window	1,203.48	62.35
		For Colored Vinyl, Add	*107.88*	
		For Tinted Glass, Add	*129.45*	
		For Low-E Insulated Glass, Add	*269.69*	
		For Obscure Glass, Add	*296.66*	
08 54 13 00-0023	EA	44" x 38", New Construction, Single Hung Fiberglass Window	1,306.19	66.98
		For Colored Vinyl, Add	*117.22*	
		For Tinted Glass, Add	*140.67*	
		For Low-E Insulated Glass, Add	*293.06*	
		For Obscure Glass, Add	*322.36*	
08 54 13 00-0024		44" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0025	EA	24" x 44", New Construction, Single Hung Fiberglass Window	1,094.45	58.90
		For Colored Vinyl, Add	*97.67*	
		For Tinted Glass, Add	*117.20*	
		For Low-E Insulated Glass, Add	*244.17*	
		For Obscure Glass, Add	*268.58*	
08 54 13 00-0026	EA	28" x 44", New Construction, Single Hung Fiberglass Window	1,148.67	61.20
		For Colored Vinyl, Add	*102.63*	
		For Tinted Glass, Add	*123.15*	
		For Low-E Insulated Glass, Add	*256.57*	
		For Obscure Glass, Add	*282.22*	
08 54 13 00-0027	EA	30" x 44", New Construction, Single Hung Fiberglass Window	1,174.96	62.35
		For Colored Vinyl, Add	*105.02*	
		For Tinted Glass, Add	*126.03*	
		For Low-E Insulated Glass, Add	*262.56*	
		For Obscure Glass, Add	*288.82*	
08 54 13 00-0028	EA	32" x 44", New Construction, Single Hung Fiberglass Window	1,198.92	63.51
		For Colored Vinyl, Add	*107.19*	
		For Tinted Glass, Add	*128.63*	
		For Low-E Insulated Glass, Add	*267.97*	
		For Obscure Glass, Add	*294.77*	
08 54 13 00-0029	EA	36" x 44", New Construction, Single Hung Fiberglass Window	1,269.19	65.82
		For Colored Vinyl, Add	*113.76*	
		For Tinted Glass, Add	*136.51*	
		For Low-E Insulated Glass, Add	*284.39*	
		For Obscure Glass, Add	*312.83*	
08 54 13 00-0030	EA	44" x 44", New Construction, Single Hung Fiberglass Window	1,376.46	70.44
		For Colored Vinyl, Add	*123.56*	
		For Tinted Glass, Add	*148.27*	
		For Low-E Insulated Glass, Add	*308.90*	
		For Obscure Glass, Add	*339.78*	
08 54 13 00-0031		46" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0032	EA	24" x 46", New Construction, Single Hung Fiberglass Window	1,114.21	60.05
		For Colored Vinyl, Add	*99.41*	
		For Tinted Glass, Add	*119.29*	
		For Low-E Insulated Glass, Add	*248.53*	
		For Obscure Glass, Add	*273.38*	
08 54 13 00-0033	EA	28" x 46", New Construction, Single Hung Fiberglass Window	1,168.51	62.35
		For Colored Vinyl, Add	*104.38*	
		For Tinted Glass, Add	*125.25*	
		For Low-E Insulated Glass, Add	*260.95*	
		For Obscure Glass, Add	*287.04*	
08 54 13 00-0034	EA	30" x 46", New Construction, Single Hung Fiberglass Window	1,195.84	63.51
		For Colored Vinyl, Add	*106.88*	
		For Tinted Glass, Add	*128.26*	
		For Low-E Insulated Glass, Add	*267.20*	
		For Obscure Glass, Add	*293.92*	
08 54 13 00-0035	EA	32" x 46", New Construction, Single Hung Fiberglass Window	1,219.86	64.67
		For Colored Vinyl, Add	*109.05*	
		For Tinted Glass, Add	*130.86*	
		For Low-E Insulated Glass, Add	*272.63*	
		For Obscure Glass, Add	*299.90*	
08 54 13 00-0036	EA	36" x 46", New Construction, Single Hung Fiberglass Window	1,291.20	66.98
		For Colored Vinyl, Add	*115.72*	
		For Tinted Glass, Add	*138.87*	
		For Low-E Insulated Glass, Add	*289.31*	
		For Obscure Glass, Add	*318.24*	
08 54 13 00-0037	EA	44" x 46", New Construction, Single Hung Fiberglass Window	1,400.21	71.60
		For Colored Vinyl, Add	*125.70*	
		For Tinted Glass, Add	*150.84*	
		For Low-E Insulated Glass, Add	*314.26*	
		For Obscure Glass, Add	*345.68*	
08 54 13 00-0038		48" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0039	EA	24" x 48", New Construction, Single Hung Fiberglass Window	1,134.31	61.20
		For Colored Vinyl, Add	*101.19*	
		For Tinted Glass, Add	*121.43*	
		For Low-E Insulated Glass, Add	*252.98*	
		For Obscure Glass, Add	*278.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0040	EA	28" x 48", New Construction, Single Hung Fiberglass Window	1,188.55	63.51
		For Colored Vinyl, Add	*106.15*	
		For Tinted Glass, Add	*127.38*	
		For Low-E Insulated Glass, Add	*265.38*	
		For Obscure Glass, Add	*291.92*	
08 54 13 00-0041	EA	30" x 48", New Construction, Single Hung Fiberglass Window	1,217.06	64.67
		For Colored Vinyl, Add	*108.77*	
		For Tinted Glass, Add	*130.53*	
		For Low-E Insulated Glass, Add	*271.93*	
		For Obscure Glass, Add	*299.13*	
08 54 13 00-0042	EA	32" x 48", New Construction, Single Hung Fiberglass Window	1,241.02	65.82
		For Colored Vinyl, Add	*110.94*	
		For Tinted Glass, Add	*133.13*	
		For Low-E Insulated Glass, Add	*277.35*	
		For Obscure Glass, Add	*305.08*	
08 54 13 00-0043	EA	36" x 48", New Construction, Single Hung Fiberglass Window	1,313.68	68.13
		For Colored Vinyl, Add	*117.74*	
		For Tinted Glass, Add	*141.29*	
		For Low-E Insulated Glass, Add	*294.36*	
		For Obscure Glass, Add	*323.79*	
08 54 13 00-0044	EA	44" x 48", New Construction, Single Hung Fiberglass Window	1,424.17	72.75
		For Colored Vinyl, Add	*127.87*	
		For Tinted Glass, Add	*153.44*	
		For Low-E Insulated Glass, Add	*319.67*	
		For Obscure Glass, Add	*351.63*	

08 54 13 00-0045 50" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0046	EA	24" x 50", New Construction, Single Hung Fiberglass Window	1,153.24	62.35
		For Colored Vinyl, Add	*102.85*	
		For Tinted Glass, Add	*123.42*	
		For Low-E Insulated Glass, Add	*257.13*	
		For Obscure Glass, Add	*282.84*	
08 54 13 00-0047	EA	28" x 50", New Construction, Single Hung Fiberglass Window	1,207.53	64.67
		For Colored Vinyl, Add	*107.82*	
		For Tinted Glass, Add	*129.38*	
		For Low-E Insulated Glass, Add	*269.55*	
		For Obscure Glass, Add	*296.51*	
08 54 13 00-0048	EA	30" x 50", New Construction, Single Hung Fiberglass Window	1,237.24	65.82
		For Colored Vinyl, Add	*110.56*	
		For Tinted Glass, Add	*132.67*	
		For Low-E Insulated Glass, Add	*276.40*	
		For Obscure Glass, Add	*304.04*	
08 54 13 00-0049	EA	32" x 50", New Construction, Single Hung Fiberglass Window	1,261.28	66.98
		For Colored Vinyl, Add	*112.73*	
		For Tinted Glass, Add	*135.28*	
		For Low-E Insulated Glass, Add	*281.83*	
		For Obscure Glass, Add	*310.01*	
08 54 13 00-0050	EA	36" x 50", New Construction, Single Hung Fiberglass Window	1,334.98	69.28
		For Colored Vinyl, Add	*119.64*	
		For Tinted Glass, Add	*143.57*	
		For Low-E Insulated Glass, Add	*299.10*	
		For Obscure Glass, Add	*329.01*	
08 54 13 00-0051	EA	44" x 50", New Construction, Single Hung Fiberglass Window	1,447.01	73.91
		For Colored Vinyl, Add	*129.92*	
		For Tinted Glass, Add	*155.90*	
		For Low-E Insulated Glass, Add	*324.80*	
		For Obscure Glass, Add	*357.28*	

08 54 13 00-0052 52" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0053	EA	24" x 52", New Construction, Single Hung Fiberglass Window	1,172.36	63.51
		For Colored Vinyl, Add	*104.53*	
		For Tinted Glass, Add	*125.44*	
		For Low-E Insulated Glass, Add	*261.33*	
		For Obscure Glass, Add	*287.47*	
08 54 13 00-0054	EA	28" x 52", New Construction, Single Hung Fiberglass Window	1,226.66	65.82
		For Colored Vinyl, Add	*109.50*	
		For Tinted Glass, Add	*131.40*	
		For Low-E Insulated Glass, Add	*273.76*	
		For Obscure Glass, Add	*301.13*	
08 54 13 00-0055	EA	30" x 52", New Construction, Single Hung Fiberglass Window	1,257.63	66.98
		For Colored Vinyl, Add	*112.37*	
		For Tinted Glass, Add	*134.84*	
		For Low-E Insulated Glass, Add	*280.92*	
		For Obscure Glass, Add	*309.01*	
08 54 13 00-0056	EA	32" x 52", New Construction, Single Hung Fiberglass Window	1,281.59	68.13
		For Colored Vinyl, Add	*114.53*	
		For Tinted Glass, Add	*137.44*	
		For Low-E Insulated Glass, Add	*286.33*	
		For Obscure Glass, Add	*314.97*	
08 54 13 00-0057	EA	36" x 52", New Construction, Single Hung Fiberglass Window	1,356.63	70.44
		For Colored Vinyl, Add	*121.58*	
		For Tinted Glass, Add	*145.89*	
		For Low-E Insulated Glass, Add	*303.94*	
		For Obscure Glass, Add	*334.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0058	EA	44" x 52", New Construction, Single Hung Fiberglass Window	1,470.21	75.06
		For Colored Vinyl, Add	*132.01*	
		For Tinted Glass, Add	*158.41*	
		For Low-E Insulated Glass, Add	*330.02*	
		For Obscure Glass, Add	*363.02*	

08 54 13 00-0059 54" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0060	EA	24" x 54", New Construction, Single Hung Fiberglass Window	1,191.41	64.67
		For Colored Vinyl, Add	*106.21*	
		For Tinted Glass, Add	*127.45*	
		For Low-E Insulated Glass, Add	*265.52*	
		For Obscure Glass, Add	*292.07*	
08 54 13 00-0061	EA	28" x 54", New Construction, Single Hung Fiberglass Window	1,245.72	66.98
		For Colored Vinyl, Add	*111.18*	
		For Tinted Glass, Add	*133.41*	
		For Low-E Insulated Glass, Add	*277.94*	
		For Obscure Glass, Add	*305.73*	
08 54 13 00-0062	EA	30" x 54", New Construction, Single Hung Fiberglass Window	1,277.80	68.13
		For Colored Vinyl, Add	*114.15*	
		For Tinted Glass, Add	*136.98*	
		For Low-E Insulated Glass, Add	*285.39*	
		For Obscure Glass, Add	*313.92*	
08 54 13 00-0063	EA	32" x 54", New Construction, Single Hung Fiberglass Window	1,301.84	69.28
		For Colored Vinyl, Add	*116.33*	
		For Tinted Glass, Add	*139.59*	
		For Low-E Insulated Glass, Add	*290.82*	
		For Obscure Glass, Add	*319.90*	
08 54 13 00-0064	EA	36" x 54", New Construction, Single Hung Fiberglass Window	1,377.93	71.60
		For Colored Vinyl, Add	*123.47*	
		For Tinted Glass, Add	*148.17*	
		For Low-E Insulated Glass, Add	*308.69*	
		For Obscure Glass, Add	*339.55*	
08 54 13 00-0065	EA	44" x 54", New Construction, Single Hung Fiberglass Window	1,493.05	76.21
		For Colored Vinyl, Add	*134.06*	
		For Tinted Glass, Add	*160.87*	
		For Low-E Insulated Glass, Add	*335.16*	
		For Obscure Glass, Add	*368.67*	

08 54 13 00-0066 60" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0067	EA	24" x 60", New Construction, Single Hung Fiberglass Window	1,250.83	68.13
		For Colored Vinyl, Add	*111.46*	
		For Tinted Glass, Add	*133.75*	
		For Low-E Insulated Glass, Add	*278.64*	
		For Obscure Glass, Add	*306.51*	
08 54 13 00-0068	EA	28" x 60", New Construction, Single Hung Fiberglass Window	1,305.13	70.44
		For Colored Vinyl, Add	*116.43*	
		For Tinted Glass, Add	*139.71*	
		For Low-E Insulated Glass, Add	*291.06*	
		For Obscure Glass, Add	*320.17*	
08 54 13 00-0069	EA	30" x 60", New Construction, Single Hung Fiberglass Window	1,340.58	71.60
		For Colored Vinyl, Add	*119.74*	
		For Tinted Glass, Add	*143.69*	
		For Low-E Insulated Glass, Add	*299.35*	
		For Obscure Glass, Add	*329.28*	
08 54 13 00-0070	EA	32" x 60", New Construction, Single Hung Fiberglass Window	1,364.61	72.75
		For Colored Vinyl, Add	*121.91*	
		For Tinted Glass, Add	*146.29*	
		For Low-E Insulated Glass, Add	*304.78*	
		For Obscure Glass, Add	*335.26*	
08 54 13 00-0071	EA	36" x 60", New Construction, Single Hung Fiberglass Window	1,444.35	75.06
		For Colored Vinyl, Add	*129.42*	
		For Tinted Glass, Add	*155.31*	
		For Low-E Insulated Glass, Add	*323.56*	
		For Obscure Glass, Add	*355.91*	
08 54 13 00-0072	EA	44" x 60", New Construction, Single Hung Fiberglass Window	1,564.23	79.68
		For Colored Vinyl, Add	*140.49*	
		For Tinted Glass, Add	*168.58*	
		For Low-E Insulated Glass, Add	*351.22*	
		For Obscure Glass, Add	*386.34*	

08 54 13 00-0073 62" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0074	EA	24" x 62", New Construction, Single Hung Fiberglass Window	1,269.95	69.28
		For Colored Vinyl, Add	*113.14*	
		For Tinted Glass, Add	*135.77*	
		For Low-E Insulated Glass, Add	*282.85*	
		For Obscure Glass, Add	*311.13*	
08 54 13 00-0075	EA	28" x 62", New Construction, Single Hung Fiberglass Window	1,324.18	71.60
		For Colored Vinyl, Add	*118.10*	
		For Tinted Glass, Add	*141.72*	
		For Low-E Insulated Glass, Add	*295.25*	
		For Obscure Glass, Add	*324.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0076	EA	30" x 62", New Construction, Single Hung Fiberglass Window	1,361.11	72.75
		For Colored Vinyl, Add	*121.56*	
		For Tinted Glass, Add	*145.87*	
		For Low-E Insulated Glass, Add	*303.90*	
		For Obscure Glass, Add	*334.29*	
08 54 13 00-0077	EA	32" x 62", New Construction, Single Hung Fiberglass Window	1,385.07	73.91
		For Colored Vinyl, Add	*123.73*	
		For Tinted Glass, Add	*148.47*	
		For Low-E Insulated Glass, Add	*309.32*	
		For Obscure Glass, Add	*340.25*	
08 54 13 00-0078	EA	36" x 62", New Construction, Single Hung Fiberglass Window	1,465.93	76.21
		For Colored Vinyl, Add	*131.35*	
		For Tinted Glass, Add	*157.62*	
		For Low-E Insulated Glass, Add	*328.38*	
		For Obscure Glass, Add	*361.21*	
08 54 13 00-0079	EA	44" x 62", New Construction, Single Hung Fiberglass Window	1,587.49	80.84
		For Colored Vinyl, Add	*142.58*	
		For Tinted Glass, Add	*171.10*	
		For Low-E Insulated Glass, Add	*356.46*	
		For Obscure Glass, Add	*392.10*	
08 54 13 00-0080		**66" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0081	EA	24" x 66", New Construction, Single Hung Fiberglass Window	1,308.98	71.60
		For Colored Vinyl, Add	*116.58*	
		For Tinted Glass, Add	*139.89*	
		For Low-E Insulated Glass, Add	*291.45*	
		For Obscure Glass, Add	*320.59*	
08 54 13 00-0082	EA	28" x 66", New Construction, Single Hung Fiberglass Window	1,363.28	73.91
		For Colored Vinyl, Add	*121.55*	
		For Tinted Glass, Add	*145.86*	
		For Low-E Insulated Glass, Add	*303.87*	
		For Obscure Glass, Add	*334.25*	
08 54 13 00-0083	EA	30" x 66", New Construction, Single Hung Fiberglass Window	1,402.38	75.06
		For Colored Vinyl, Add	*125.23*	
		For Tinted Glass, Add	*150.27*	
		For Low-E Insulated Glass, Add	*313.07*	
		For Obscure Glass, Add	*344.37*	
08 54 13 00-0084	EA	32" x 66", New Construction, Single Hung Fiberglass Window	1,426.34	76.21
		For Colored Vinyl, Add	*127.39*	
		For Tinted Glass, Add	*152.87*	
		For Low-E Insulated Glass, Add	*318.48*	
		For Obscure Glass, Add	*350.33*	
08 54 13 00-0085	EA	36" x 66", New Construction, Single Hung Fiberglass Window	1,509.72	78.52
		For Colored Vinyl, Add	*135.27*	
		For Tinted Glass, Add	*162.32*	
		For Low-E Insulated Glass, Add	*338.17*	
		For Obscure Glass, Add	*371.98*	
08 54 13 00-0086	EA	44" x 66", New Construction, Single Hung Fiberglass Window	1,634.23	83.14
		For Colored Vinyl, Add	*146.79*	
		For Tinted Glass, Add	*176.15*	
		For Low-E Insulated Glass, Add	*366.99*	
		For Obscure Glass, Add	*403.68*	
08 54 13 00-0087		**72" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0088	EA	24" x 72", New Construction, Single Hung Fiberglass Window	1,368.39	75.06
		For Colored Vinyl, Add	*121.83*	
		For Tinted Glass, Add	*146.19*	
		For Low-E Insulated Glass, Add	*304.57*	
		For Obscure Glass, Add	*335.02*	
08 54 13 00-0089	EA	28" x 72", New Construction, Single Hung Fiberglass Window	1,422.62	77.37
		For Colored Vinyl, Add	*126.79*	
		For Tinted Glass, Add	*152.15*	
		For Low-E Insulated Glass, Add	*316.97*	
		For Obscure Glass, Add	*348.67*	
08 54 13 00-0090	EA	30" x 72", New Construction, Single Hung Fiberglass Window	1,461.72	78.52
		For Colored Vinyl, Add	*130.47*	
		For Tinted Glass, Add	*156.56*	
		For Low-E Insulated Glass, Add	*326.17*	
		For Obscure Glass, Add	*358.78*	
08 54 13 00-0091	EA	32" x 72", New Construction, Single Hung Fiberglass Window	1,485.75	79.68
		For Colored Vinyl, Add	*132.64*	
		For Tinted Glass, Add	*159.17*	
		For Low-E Insulated Glass, Add	*331.60*	
		For Obscure Glass, Add	*364.76*	
08 54 13 00-0092	EA	36" x 72", New Construction, Single Hung Fiberglass Window	1,569.13	81.99
		For Colored Vinyl, Add	*140.52*	
		For Tinted Glass, Add	*168.62*	
		For Low-E Insulated Glass, Add	*351.29*	
		For Obscure Glass, Add	*386.42*	
08 54 13 00-0093	EA	44" x 72", New Construction, Single Hung Fiberglass Window	1,693.64	86.60
		For Colored Vinyl, Add	*152.04*	
		For Tinted Glass, Add	*182.45*	
		For Low-E Insulated Glass, Add	*380.11*	
		For Obscure Glass, Add	*418.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 54 13 00-0094 Replacement, Single Hung Fiberglass Windows *(08 54 13 00-0001)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Fiberglass Window	1,551.00	60.63
		For Colored Vinyl, Add	*142.98*	
		For Tinted Glass, Add	*171.57*	
		For Low-E Insulated Glass, Add	*357.44*	
		For Obscure Glass, Add	*393.18*	
08 54 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Fiberglass Window	1,700.38	66.40
		For Colored Vinyl, Add	*156.76*	
		For Tinted Glass, Add	*188.11*	
		For Low-E Insulated Glass, Add	*391.90*	
		For Obscure Glass, Add	*431.08*	
08 54 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Fiberglass Window	1,835.74	72.17
		For Colored Vinyl, Add	*169.14*	
		For Tinted Glass, Add	*202.97*	
		For Low-E Insulated Glass, Add	*422.85*	
		For Obscure Glass, Add	*465.14*	
08 54 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Fiberglass Window	1,922.13	77.95
		For Colored Vinyl, Add	*176.62*	
		For Tinted Glass, Add	*211.95*	
		For Low-E Insulated Glass, Add	*441.56*	
		For Obscure Glass, Add	*485.71*	
08 54 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Fiberglass Window	2,014.12	83.72
		For Colored Vinyl, Add	*184.67*	
		For Tinted Glass, Add	*221.60*	
		For Low-E Insulated Glass, Add	*461.67*	
		For Obscure Glass, Add	*507.84*	
08 54 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Fiberglass Window	2,193.56	89.49
		For Colored Vinyl, Add	*201.46*	
		For Tinted Glass, Add	*241.75*	
		For Low-E Insulated Glass, Add	*503.64*	
		For Obscure Glass, Add	*554.01*	
08 54 13 00-0101	UI	>120" UI, Replacement, Single Hung Fiberglass Window	18.33	0.75
		For Colored Vinyl, Add	*1.68*	
		For Tinted Glass, Add	*2.02*	
		For Low-E Insulated Glass, Add	*4.21*	
		For Obscure Glass, Add	*4.63*	

08 54 13 00-0102 Double Hung Fiberglass Windows *(08 54 13)*

08 54 13 00-0103 New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0102)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0104 34" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0105	EA	24" x 34", New Construction, Double Hung Fiberglass Window	1,535.43	53.12
		For Colored Vinyl, Add	*142.92*	
		For Tinted Glass, Add	*171.50*	
		For Low-E Insulated Glass, Add	*357.30*	
		For Obscure Glass, Add	*393.03*	
08 54 13 00-0106	EA	28" x 34", New Construction, Double Hung Fiberglass Window	1,589.73	55.43
		For Colored Vinyl, Add	*147.89*	
		For Tinted Glass, Add	*177.46*	
		For Low-E Insulated Glass, Add	*369.72*	
		For Obscure Glass, Add	*406.69*	
08 54 13 00-0107	EA	30" x 34", New Construction, Double Hung Fiberglass Window	1,615.79	56.59
		For Colored Vinyl, Add	*150.26*	
		For Tinted Glass, Add	*180.31*	
		For Low-E Insulated Glass, Add	*375.66*	
		For Obscure Glass, Add	*413.22*	
08 54 13 00-0108	EA	32" x 34", New Construction, Double Hung Fiberglass Window	1,639.82	57.74
		For Colored Vinyl, Add	*152.44*	
		For Tinted Glass, Add	*182.92*	
		For Low-E Insulated Glass, Add	*381.09*	
		For Obscure Glass, Add	*419.20*	
08 54 13 00-0109	EA	36" x 34", New Construction, Double Hung Fiberglass Window	1,700.50	60.05
		For Colored Vinyl, Add	*158.04*	
		For Tinted Glass, Add	*189.65*	
		For Low-E Insulated Glass, Add	*395.10*	
		For Obscure Glass, Add	*434.61*	
08 54 13 00-0110	EA	44" x 34", New Construction, Double Hung Fiberglass Window	1,795.50	64.67
		For Colored Vinyl, Add	*166.62*	
		For Tinted Glass, Add	*199.94*	
		For Low-E Insulated Glass, Add	*416.54*	
		For Obscure Glass, Add	*458.20*	

08 54 13 00-0111 36" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0112	EA	24" x 36", New Construction, Double Hung Fiberglass Window	1,555.25	54.27
		For Colored Vinyl, Add	*144.67*	
		For Tinted Glass, Add	*173.61*	
		For Low-E Insulated Glass, Add	*361.68*	
		For Obscure Glass, Add	*397.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0113	EA	28" x 36", New Construction, Double Hung Fiberglass Window	1,609.56	56.59
		For Colored Vinyl, Add	*149.64*	
		For Tinted Glass, Add	*179.57*	
		For Low-E Insulated Glass, Add	*374.10*	
		For Obscure Glass, Add	*411.51*	
08 54 13 00-0114	EA	30" x 36", New Construction, Double Hung Fiberglass Window	1,635.61	57.74
		For Colored Vinyl, Add	*152.01*	
		For Tinted Glass, Add	*182.42*	
		For Low-E Insulated Glass, Add	*380.04*	
		For Obscure Glass, Add	*418.04*	
08 54 13 00-0115	EA	32" x 36", New Construction, Double Hung Fiberglass Window	1,659.58	58.90
		For Colored Vinyl, Add	*154.18*	
		For Tinted Glass, Add	*185.01*	
		For Low-E Insulated Glass, Add	*385.45*	
		For Obscure Glass, Add	*423.99*	
08 54 13 00-0116	EA	36" x 36", New Construction, Double Hung Fiberglass Window	1,720.32	61.20
		For Colored Vinyl, Add	*159.79*	
		For Tinted Glass, Add	*191.75*	
		For Low-E Insulated Glass, Add	*399.48*	
		For Obscure Glass, Add	*439.43*	
08 54 13 00-0117	EA	44" x 36", New Construction, Double Hung Fiberglass Window	1,815.33	65.82
		For Colored Vinyl, Add	*168.37*	
		For Tinted Glass, Add	*202.04*	
		For Low-E Insulated Glass, Add	*420.92*	
		For Obscure Glass, Add	*463.01*	
08 54 13 00-0118		**38" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0119	EA	24" x 38", New Construction, Double Hung Fiberglass Window	1,572.49	55.43
		For Colored Vinyl, Add	*146.16*	
		For Tinted Glass, Add	*175.40*	
		For Low-E Insulated Glass, Add	*365.41*	
		For Obscure Glass, Add	*401.95*	
08 54 13 00-0120	EA	28" x 38", New Construction, Double Hung Fiberglass Window	1,626.78	57.74
		For Colored Vinyl, Add	*151.13*	
		For Tinted Glass, Add	*181.36*	
		For Low-E Insulated Glass, Add	*377.83*	
		For Obscure Glass, Add	*415.61*	
08 54 13 00-0121	EA	30" x 38", New Construction, Double Hung Fiberglass Window	1,653.91	58.90
		For Colored Vinyl, Add	*153.61*	
		For Tinted Glass, Add	*184.33*	
		For Low-E Insulated Glass, Add	*384.03*	
		For Obscure Glass, Add	*422.43*	
08 54 13 00-0122	EA	32" x 38", New Construction, Double Hung Fiberglass Window	1,677.87	60.05
		For Colored Vinyl, Add	*155.78*	
		For Tinted Glass, Add	*186.93*	
		For Low-E Insulated Glass, Add	*389.44*	
		For Obscure Glass, Add	*428.39*	
08 54 13 00-0123	EA	36" x 38", New Construction, Double Hung Fiberglass Window	1,740.02	62.35
		For Colored Vinyl, Add	*161.53*	
		For Tinted Glass, Add	*193.84*	
		For Low-E Insulated Glass, Add	*403.83*	
		For Obscure Glass, Add	*444.21*	
08 54 13 00-0124	EA	44" x 38", New Construction, Double Hung Fiberglass Window	1,836.36	66.98
		For Colored Vinyl, Add	*170.24*	
		For Tinted Glass, Add	*204.29*	
		For Low-E Insulated Glass, Add	*425.60*	
		For Obscure Glass, Add	*468.16*	
08 54 13 00-0125		**44" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0126	EA	24" x 44", New Construction, Double Hung Fiberglass Window	1,633.87	58.90
		For Colored Vinyl, Add	*151.61*	
		For Tinted Glass, Add	*181.93*	
		For Low-E Insulated Glass, Add	*379.02*	
		For Obscure Glass, Add	*416.92*	
08 54 13 00-0127	EA	28" x 44", New Construction, Double Hung Fiberglass Window	1,688.16	61.20
		For Colored Vinyl, Add	*156.58*	
		For Tinted Glass, Add	*187.89*	
		For Low-E Insulated Glass, Add	*391.44*	
		For Obscure Glass, Add	*430.58*	
08 54 13 00-0128	EA	30" x 44", New Construction, Double Hung Fiberglass Window	1,709.47	62.35
		For Colored Vinyl, Add	*158.48*	
		For Tinted Glass, Add	*190.17*	
		For Low-E Insulated Glass, Add	*396.19*	
		For Obscure Glass, Add	*435.81*	
08 54 13 00-0129	EA	32" x 44", New Construction, Double Hung Fiberglass Window	1,733.50	63.51
		For Colored Vinyl, Add	*160.65*	
		For Tinted Glass, Add	*192.78*	
		For Low-E Insulated Glass, Add	*401.62*	
		For Obscure Glass, Add	*441.78*	
08 54 13 00-0130	EA	36" x 44", New Construction, Double Hung Fiberglass Window	1,798.65	65.82
		For Colored Vinyl, Add	*166.70*	
		For Tinted Glass, Add	*200.04*	
		For Low-E Insulated Glass, Add	*416.75*	
		For Obscure Glass, Add	*458.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0131	EA	44" x 44", New Construction, Double Hung Fiberglass Window	1,902.07	70.44
		For Colored Vinyl, Add	*176.12*	
		For Tinted Glass, Add	*211.34*	
		For Low-E Insulated Glass, Add	*440.30*	
		For Obscure Glass, Add	*484.33*	
08 54 13 00-0132		46" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0133	EA	24" x 46", New Construction, Double Hung Fiberglass Window	1,651.03	60.05
		For Colored Vinyl, Add	*153.09*	
		For Tinted Glass, Add	*183.71*	
		For Low-E Insulated Glass, Add	*382.73*	
		For Obscure Glass, Add	*421.01*	
08 54 13 00-0134	EA	28" x 46", New Construction, Double Hung Fiberglass Window	1,705.26	62.35
		For Colored Vinyl, Add	*158.05*	
		For Tinted Glass, Add	*189.66*	
		For Low-E Insulated Glass, Add	*395.14*	
		For Obscure Glass, Add	*434.65*	
08 54 13 00-0135	EA	30" x 46", New Construction, Double Hung Fiberglass Window	1,728.18	63.51
		For Colored Vinyl, Add	*160.12*	
		For Tinted Glass, Add	*192.14*	
		For Low-E Insulated Glass, Add	*400.29*	
		For Obscure Glass, Add	*440.32*	
08 54 13 00-0136	EA	32" x 46", New Construction, Double Hung Fiberglass Window	1,752.13	64.67
		For Colored Vinyl, Add	*162.28*	
		For Tinted Glass, Add	*194.74*	
		For Low-E Insulated Glass, Add	*405.70*	
		For Obscure Glass, Add	*446.27*	
08 54 13 00-0137	EA	36" x 46", New Construction, Double Hung Fiberglass Window	1,818.35	66.98
		For Colored Vinyl, Add	*168.44*	
		For Tinted Glass, Add	*202.13*	
		For Low-E Insulated Glass, Add	*421.10*	
		For Obscure Glass, Add	*463.21*	
08 54 13 00-0138	EA	44" x 46", New Construction, Double Hung Fiberglass Window	1,925.89	71.60
		For Colored Vinyl, Add	*178.27*	
		For Tinted Glass, Add	*213.92*	
		For Low-E Insulated Glass, Add	*445.68*	
		For Obscure Glass, Add	*490.24*	
08 54 13 00-0139		48" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0140	EA	24" x 48", New Construction, Double Hung Fiberglass Window	1,668.40	61.20
		For Colored Vinyl, Add	*154.60*	
		For Tinted Glass, Add	*185.52*	
		For Low-E Insulated Glass, Add	*386.50*	
		For Obscure Glass, Add	*425.15*	
08 54 13 00-0141	EA	28" x 48", New Construction, Double Hung Fiberglass Window	1,722.71	63.51
		For Colored Vinyl, Add	*159.57*	
		For Tinted Glass, Add	*191.48*	
		For Low-E Insulated Glass, Add	*398.92*	
		For Obscure Glass, Add	*438.81*	
08 54 13 00-0142	EA	30" x 48", New Construction, Double Hung Fiberglass Window	1,746.45	64.67
		For Colored Vinyl, Add	*161.71*	
		For Tinted Glass, Add	*194.05*	
		For Low-E Insulated Glass, Add	*404.28*	
		For Obscure Glass, Add	*444.71*	
08 54 13 00-0143	EA	32" x 48", New Construction, Double Hung Fiberglass Window	1,770.41	65.82
		For Colored Vinyl, Add	*163.88*	
		For Tinted Glass, Add	*196.65*	
		For Low-E Insulated Glass, Add	*409.69*	
		For Obscure Glass, Add	*450.66*	
08 54 13 00-0144	EA	36" x 48", New Construction, Double Hung Fiberglass Window	1,837.96	68.13
		For Colored Vinyl, Add	*170.17*	
		For Tinted Glass, Add	*204.20*	
		For Low-E Insulated Glass, Add	*425.43*	
		For Obscure Glass, Add	*467.97*	
08 54 13 00-0145	EA	44" x 48", New Construction, Double Hung Fiberglass Window	1,949.22	72.75
		For Colored Vinyl, Add	*180.37*	
		For Tinted Glass, Add	*216.45*	
		For Low-E Insulated Glass, Add	*450.93*	
		For Obscure Glass, Add	*496.02*	
08 54 13 00-0146		50" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0147	EA	24" x 50", New Construction, Double Hung Fiberglass Window	1,685.57	62.35
		For Colored Vinyl, Add	*156.09*	
		For Tinted Glass, Add	*187.30*	
		For Low-E Insulated Glass, Add	*390.21*	
		For Obscure Glass, Add	*429.23*	
08 54 13 00-0148	EA	28" x 50", New Construction, Double Hung Fiberglass Window	1,739.86	64.67
		For Colored Vinyl, Add	*161.05*	
		For Tinted Glass, Add	*193.26*	
		For Low-E Insulated Glass, Add	*402.63*	
		For Obscure Glass, Add	*442.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0149	EA	30" x 50", New Construction, Double Hung Fiberglass Window	1,764.95	65.82
		For Colored Vinyl, Add	*163.33*	
		For Tinted Glass, Add	*196.00*	
		For Low-E Insulated Glass, Add	*408.33*	
		For Obscure Glass, Add	*449.16*	
08 54 13 00-0150	EA	32" x 50", New Construction, Double Hung Fiberglass Window	1,788.99	66.98
		For Colored Vinyl, Add	*165.50*	
		For Tinted Glass, Add	*198.60*	
		For Low-E Insulated Glass, Add	*413.76*	
		For Obscure Glass, Add	*455.13*	
08 54 13 00-0151	EA	36" x 50", New Construction, Double Hung Fiberglass Window	1,857.65	69.28
		For Colored Vinyl, Add	*171.91*	
		For Tinted Glass, Add	*206.29*	
		For Low-E Insulated Glass, Add	*429.77*	
		For Obscure Glass, Add	*472.75*	
08 54 13 00-0152	EA	44" x 50", New Construction, Double Hung Fiberglass Window	1,972.91	73.91
		For Colored Vinyl, Add	*182.51*	
		For Tinted Glass, Add	*219.01*	
		For Low-E Insulated Glass, Add	*456.28*	
		For Obscure Glass, Add	*501.90*	
08 54 13 00-0153		**52" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0154	EA	24" x 52", New Construction, Double Hung Fiberglass Window	1,702.88	63.51
		For Colored Vinyl, Add	*157.59*	
		For Tinted Glass, Add	*189.10*	
		For Low-E Insulated Glass, Add	*393.96*	
		For Obscure Glass, Add	*433.36*	
08 54 13 00-0155	EA	28" x 52", New Construction, Double Hung Fiberglass Window	1,757.10	65.82
		For Colored Vinyl, Add	*162.55*	
		For Tinted Glass, Add	*195.06*	
		For Low-E Insulated Glass, Add	*406.37*	
		For Obscure Glass, Add	*447.00*	
08 54 13 00-0156	EA	30" x 52", New Construction, Double Hung Fiberglass Window	1,783.24	66.98
		For Colored Vinyl, Add	*164.93*	
		For Tinted Glass, Add	*197.91*	
		For Low-E Insulated Glass, Add	*412.32*	
		For Obscure Glass, Add	*453.55*	
08 54 13 00-0157	EA	32" x 52", New Construction, Double Hung Fiberglass Window	1,807.20	68.13
		For Colored Vinyl, Add	*167.09*	
		For Tinted Glass, Add	*200.51*	
		For Low-E Insulated Glass, Add	*417.74*	
		For Obscure Glass, Add	*459.51*	
08 54 13 00-0158	EA	36" x 52", New Construction, Double Hung Fiberglass Window	1,879.65	70.44
		For Colored Vinyl, Add	*173.88*	
		For Tinted Glass, Add	*208.65*	
		For Low-E Insulated Glass, Add	*434.69*	
		For Obscure Glass, Add	*478.16*	
08 54 13 00-0159	EA	44" x 52", New Construction, Double Hung Fiberglass Window	1,996.10	75.06
		For Colored Vinyl, Add	*184.60*	
		For Tinted Glass, Add	*221.52*	
		For Low-E Insulated Glass, Add	*461.50*	
		For Obscure Glass, Add	*507.64*	
08 54 13 00-0160		**54" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0161	EA	24" x 54", New Construction, Double Hung Fiberglass Window	1,720.24	64.67
		For Colored Vinyl, Add	*159.09*	
		For Tinted Glass, Add	*190.91*	
		For Low-E Insulated Glass, Add	*397.73*	
		For Obscure Glass, Add	*437.50*	
08 54 13 00-0162	EA	28" x 54", New Construction, Double Hung Fiberglass Window	1,774.56	66.98
		For Colored Vinyl, Add	*164.06*	
		For Tinted Glass, Add	*196.87*	
		For Low-E Insulated Glass, Add	*410.15*	
		For Obscure Glass, Add	*451.17*	
08 54 13 00-0163	EA	30" x 54", New Construction, Double Hung Fiberglass Window	1,801.87	68.13
		For Colored Vinyl, Add	*166.56*	
		For Tinted Glass, Add	*199.87*	
		For Low-E Insulated Glass, Add	*416.40*	
		For Obscure Glass, Add	*458.04*	
08 54 13 00-0164	EA	32" x 54", New Construction, Double Hung Fiberglass Window	1,825.90	69.28
		For Colored Vinyl, Add	*168.73*	
		For Tinted Glass, Add	*202.48*	
		For Low-E Insulated Glass, Add	*421.83*	
		For Obscure Glass, Add	*464.02*	
08 54 13 00-0165	EA	36" x 54", New Construction, Double Hung Fiberglass Window	1,901.72	71.60
		For Colored Vinyl, Add	*175.85*	
		For Tinted Glass, Add	*211.02*	
		For Low-E Insulated Glass, Add	*439.63*	
		For Obscure Glass, Add	*483.60*	
08 54 13 00-0166	EA	44" x 54", New Construction, Double Hung Fiberglass Window	2,019.36	76.21
		For Colored Vinyl, Add	*186.69*	
		For Tinted Glass, Add	*224.03*	
		For Low-E Insulated Glass, Add	*466.73*	
		For Obscure Glass, Add	*513.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0167		**60" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0168	EA	24" x 60", New Construction, Double Hung Fiberglass Window	1,772.37	68.13
		For Colored Vinyl, Add	*163.61*	
		For Tinted Glass, Add	*196.33*	
		For Low-E Insulated Glass, Add	*409.03*	
		For Obscure Glass, Add	*449.93*	
08 54 13 00-0169	EA	28" x 60", New Construction, Double Hung Fiberglass Window	1,826.67	70.44
		For Colored Vinyl, Add	*168.58*	
		For Tinted Glass, Add	*202.29*	
		For Low-E Insulated Glass, Add	*421.45*	
		For Obscure Glass, Add	*463.59*	
08 54 13 00-0170	EA	30" x 60", New Construction, Double Hung Fiberglass Window	1,862.27	71.60
		For Colored Vinyl, Add	*171.91*	
		For Tinted Glass, Add	*206.29*	
		For Low-E Insulated Glass, Add	*429.77*	
		For Obscure Glass, Add	*472.75*	
08 54 13 00-0171	EA	32" x 60", New Construction, Double Hung Fiberglass Window	1,886.23	72.75
		For Colored Vinyl, Add	*174.07*	
		For Tinted Glass, Add	*208.89*	
		For Low-E Insulated Glass, Add	*435.18*	
		For Obscure Glass, Add	*478.70*	
08 54 13 00-0172	EA	36" x 60", New Construction, Double Hung Fiberglass Window	1,967.44	75.06
		For Colored Vinyl, Add	*181.73*	
		For Tinted Glass, Add	*218.08*	
		For Low-E Insulated Glass, Add	*454.33*	
		For Obscure Glass, Add	*499.76*	
08 54 13 00-0173	EA	44" x 60", New Construction, Double Hung Fiberglass Window	2,089.56	79.68
		For Colored Vinyl, Add	*193.02*	
		For Tinted Glass, Add	*231.62*	
		For Low-E Insulated Glass, Add	*482.55*	
		For Obscure Glass, Add	*530.81*	
08 54 13 00-0174		**62" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0175	EA	24" x 62", New Construction, Double Hung Fiberglass Window	1,789.68	69.28
		For Colored Vinyl, Add	*165.11*	
		For Tinted Glass, Add	*198.13*	
		For Low-E Insulated Glass, Add	*412.78*	
		For Obscure Glass, Add	*454.06*	
08 54 13 00-0176	EA	28" x 62", New Construction, Double Hung Fiberglass Window	1,843.91	71.60
		For Colored Vinyl, Add	*170.07*	
		For Tinted Glass, Add	*204.09*	
		For Low-E Insulated Glass, Add	*425.18*	
		For Obscure Glass, Add	*467.70*	
08 54 13 00-0177	EA	30" x 62", New Construction, Double Hung Fiberglass Window	1,882.94	72.75
		For Colored Vinyl, Add	*173.74*	
		For Tinted Glass, Add	*208.49*	
		For Low-E Insulated Glass, Add	*434.36*	
		For Obscure Glass, Add	*477.80*	
08 54 13 00-0178	EA	32" x 62", New Construction, Double Hung Fiberglass Window	1,906.90	73.91
		For Colored Vinyl, Add	*175.91*	
		For Tinted Glass, Add	*211.09*	
		For Low-E Insulated Glass, Add	*439.77*	
		For Obscure Glass, Add	*483.75*	
08 54 13 00-0179	EA	36" x 62", New Construction, Double Hung Fiberglass Window	1,989.16	76.21
		For Colored Vinyl, Add	*183.67*	
		For Tinted Glass, Add	*220.41*	
		For Low-E Insulated Glass, Add	*459.18*	
		For Obscure Glass, Add	*505.10*	
08 54 13 00-0180	EA	44" x 62", New Construction, Double Hung Fiberglass Window	2,115.62	80.84
		For Colored Vinyl, Add	*195.40*	
		For Tinted Glass, Add	*234.48*	
		For Low-E Insulated Glass, Add	*488.49*	
		For Obscure Glass, Add	*537.34*	
08 54 13 00-0181		**66" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0182	EA	24" x 66", New Construction, Double Hung Fiberglass Window	1,829.26	71.60
		For Colored Vinyl, Add	*168.61*	
		For Tinted Glass, Add	*202.33*	
		For Low-E Insulated Glass, Add	*421.52*	
		For Obscure Glass, Add	*463.67*	
08 54 13 00-0183	EA	28" x 66", New Construction, Double Hung Fiberglass Window	1,883.56	73.91
		For Colored Vinyl, Add	*173.58*	
		For Tinted Glass, Add	*208.29*	
		For Low-E Insulated Glass, Add	*433.94*	
		For Obscure Glass, Add	*477.33*	
08 54 13 00-0184	EA	30" x 66", New Construction, Double Hung Fiberglass Window	1,924.34	75.06
		For Colored Vinyl, Add	*177.42*	
		For Tinted Glass, Add	*212.91*	
		For Low-E Insulated Glass, Add	*443.56*	
		For Obscure Glass, Add	*487.91*	
08 54 13 00-0185	EA	32" x 66", New Construction, Double Hung Fiberglass Window	1,948.31	76.21
		For Colored Vinyl, Add	*179.59*	
		For Tinted Glass, Add	*215.51*	
		For Low-E Insulated Glass, Add	*448.97*	
		For Obscure Glass, Add	*493.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0186	EA	36" x 66", New Construction, Double Hung Fiberglass Window	2,033.23	78.52
		For Colored Vinyl, Add	*187.62*	
		For Tinted Glass, Add	*225.14*	
		For Low-E Insulated Glass, Add	*469.05*	
		For Obscure Glass, Add	*515.95*	
08 54 13 00-0187	EA	44" x 66", New Construction, Double Hung Fiberglass Window	2,165.58	83.14
		For Colored Vinyl, Add	*199.93*	
		For Tinted Glass, Add	*239.91*	
		For Low-E Insulated Glass, Add	*499.82*	
		For Obscure Glass, Add	*549.80*	
08 54 13 00-0188		72" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0189	EA	24" x 72", New Construction, Double Hung Fiberglass Window	1,888.68	75.06
		For Colored Vinyl, Add	*173.86*	
		For Tinted Glass, Add	*208.63*	
		For Low-E Insulated Glass, Add	*434.64*	
		For Obscure Glass, Add	*478.10*	
08 54 13 00-0190	EA	28" x 72", New Construction, Double Hung Fiberglass Window	1,942.91	77.37
		For Colored Vinyl, Add	*178.82*	
		For Tinted Glass, Add	*214.58*	
		For Low-E Insulated Glass, Add	*447.04*	
		For Obscure Glass, Add	*491.75*	
08 54 13 00-0191	EA	30" x 72", New Construction, Double Hung Fiberglass Window	1,983.69	78.52
		For Colored Vinyl, Add	*182.66*	
		For Tinted Glass, Add	*219.20*	
		For Low-E Insulated Glass, Add	*456.66*	
		For Obscure Glass, Add	*502.33*	
08 54 13 00-0192	EA	32" x 72", New Construction, Double Hung Fiberglass Window	2,007.72	79.68
		For Colored Vinyl, Add	*184.84*	
		For Tinted Glass, Add	*221.80*	
		For Low-E Insulated Glass, Add	*462.09*	
		For Obscure Glass, Add	*508.30*	
08 54 13 00-0193	EA	36" x 72", New Construction, Double Hung Fiberglass Window	2,092.64	81.99
		For Colored Vinyl, Add	*192.87*	
		For Tinted Glass, Add	*231.44*	
		For Low-E Insulated Glass, Add	*482.17*	
		For Obscure Glass, Add	*530.38*	
08 54 13 00-0194	EA	44" x 72", New Construction, Double Hung Fiberglass Window	2,225.00	86.60
		For Colored Vinyl, Add	*205.18*	
		For Tinted Glass, Add	*246.21*	
		For Low-E Insulated Glass, Add	*512.95*	
		For Obscure Glass, Add	*564.24*	
08 54 13 00-0195		Replacement, Double Hung Fiberglass Windows *(08 54 13 00-0102)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Fiberglass Window	1,908.44	60.63
		For Colored Vinyl, Add	*178.72*	
		For Tinted Glass, Add	*214.46*	
		For Low-E Insulated Glass, Add	*446.80*	
		For Obscure Glass, Add	*491.48*	
08 54 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Fiberglass Window	2,106.80	66.40
		For Colored Vinyl, Add	*197.40*	
		For Tinted Glass, Add	*236.88*	
		For Low-E Insulated Glass, Add	*493.50*	
		For Obscure Glass, Add	*542.85*	
08 54 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Fiberglass Window	2,291.07	72.17
		For Colored Vinyl, Add	*214.67*	
		For Tinted Glass, Add	*257.61*	
		For Low-E Insulated Glass, Add	*536.68*	
		For Obscure Glass, Add	*590.35*	
08 54 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Fiberglass Window	2,416.63	77.95
		For Colored Vinyl, Add	*226.07*	
		For Tinted Glass, Add	*271.29*	
		For Low-E Insulated Glass, Add	*565.18*	
		For Obscure Glass, Add	*621.70*	
08 54 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Fiberglass Window	2,552.69	83.72
		For Colored Vinyl, Add	*238.53*	
		For Tinted Glass, Add	*286.23*	
		For Low-E Insulated Glass, Add	*596.31*	
		For Obscure Glass, Add	*655.94*	
08 54 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Fiberglass Window	2,781.11	89.49
		For Colored Vinyl, Add	*260.21*	
		For Tinted Glass, Add	*312.25*	
		For Low-E Insulated Glass, Add	*650.53*	
		For Obscure Glass, Add	*715.58*	
08 54 13 00-0202	UI	>120" UI, Replacement, Double Hung Fiberglass Window	23.16	0.75
		For Colored Vinyl, Add	*2.17*	
		For Tinted Glass, Add	*2.60*	
		For Low-E Insulated Glass, Add	*5.41*	
		For Obscure Glass, Add	*5.95*	
08 54 13 00-0203		Casement Fiberglass Windows *(08 54 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0204		**New Construction, Casement Fiberglass Windows** *(08 54 13 00-0203)* Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0205		**One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0204)*		
08 54 13 00-0206		**24" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,433.24	43.88
		For Colored Vinyl, Add	*134.66*	
		For Tinted Glass, Add	*161.60*	
		For Low-E Insulated Glass, Add	*336.66*	
		For Obscure Glass, Add	*370.33*	
08 54 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,482.19	45.04
		For Colored Vinyl, Add	*139.21*	
		For Tinted Glass, Add	*167.05*	
		For Low-E Insulated Glass, Add	*348.03*	
		For Obscure Glass, Add	*382.83*	
08 54 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,532.30	47.34
		For Colored Vinyl, Add	*143.76*	
		For Tinted Glass, Add	*172.51*	
		For Low-E Insulated Glass, Add	*359.40*	
		For Obscure Glass, Add	*395.34*	
08 54 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,632.49	49.66
		For Colored Vinyl, Add	*153.32*	
		For Tinted Glass, Add	*183.98*	
		For Low-E Insulated Glass, Add	*383.30*	
		For Obscure Glass, Add	*421.62*	
08 54 13 00-0211		**28" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,522.52	46.19
		For Colored Vinyl, Add	*143.13*	
		For Tinted Glass, Add	*171.75*	
		For Low-E Insulated Glass, Add	*357.82*	
		For Obscure Glass, Add	*393.60*	
08 54 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,576.65	47.34
		For Colored Vinyl, Add	*148.20*	
		For Tinted Glass, Add	*177.83*	
		For Low-E Insulated Glass, Add	*370.49*	
		For Obscure Glass, Add	*407.54*	
08 54 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,631.78	49.66
		For Colored Vinyl, Add	*153.25*	
		For Tinted Glass, Add	*183.90*	
		For Low-E Insulated Glass, Add	*383.12*	
		For Obscure Glass, Add	*421.43*	
08 54 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,738.08	51.97
		For Colored Vinyl, Add	*163.42*	
		For Tinted Glass, Add	*196.10*	
		For Low-E Insulated Glass, Add	*408.54*	
		For Obscure Glass, Add	*449.39*	
08 54 13 00-0216		**36" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,621.55	49.66
		For Colored Vinyl, Add	*152.22*	
		For Tinted Glass, Add	*182.67*	
		For Low-E Insulated Glass, Add	*380.56*	
		For Obscure Glass, Add	*418.62*	
08 54 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,678.21	51.97
		For Colored Vinyl, Add	*157.54*	
		For Tinted Glass, Add	*189.05*	
		For Low-E Insulated Glass, Add	*393.86*	
		For Obscure Glass, Add	*433.24*	
08 54 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,736.07	53.70
		For Colored Vinyl, Add	*162.87*	
		For Tinted Glass, Add	*195.44*	
		For Low-E Insulated Glass, Add	*407.17*	
		For Obscure Glass, Add	*447.89*	
08 54 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,847.34	56.01
		For Colored Vinyl, Add	*173.53*	
		For Tinted Glass, Add	*208.24*	
		For Low-E Insulated Glass, Add	*433.83*	
		For Obscure Glass, Add	*477.22*	
08 54 13 00-0221		**40" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,715.05	53.12
		For Colored Vinyl, Add	*161.00*	
		For Tinted Glass, Add	*193.20*	
		For Low-E Insulated Glass, Add	*402.49*	
		For Obscure Glass, Add	*442.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,775.27	54.27
		For Colored Vinyl, Add	*166.67*	
		For Tinted Glass, Add	*200.01*	
		For Low-E Insulated Glass, Add	*416.68*	
		For Obscure Glass, Add	*458.35*	
08 54 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,836.73	56.59
		For Colored Vinyl, Add	*172.36*	
		For Tinted Glass, Add	*206.83*	
		For Low-E Insulated Glass, Add	*430.89*	
		For Obscure Glass, Add	*473.98*	
08 54 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,958.02	58.90
		For Colored Vinyl, Add	*184.02*	
		For Tinted Glass, Add	*220.83*	
		For Low-E Insulated Glass, Add	*460.06*	
		For Obscure Glass, Add	*506.06*	

08 54 13 00-0226 48" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,812.87	57.74
		For Colored Vinyl, Add	*169.86*	
		For Tinted Glass, Add	*203.83*	
		For Low-E Insulated Glass, Add	*424.64*	
		For Obscure Glass, Add	*467.10*	
08 54 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,876.18	58.90
		For Colored Vinyl, Add	*175.84*	
		For Tinted Glass, Add	*211.01*	
		For Low-E Insulated Glass, Add	*439.60*	
		For Obscure Glass, Add	*483.56*	
08 54 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,940.84	61.20
		For Colored Vinyl, Add	*181.84*	
		For Tinted Glass, Add	*218.21*	
		For Low-E Insulated Glass, Add	*454.61*	
		For Obscure Glass, Add	*500.07*	
08 54 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	2,075.38	63.51
		For Colored Vinyl, Add	*194.84*	
		For Tinted Glass, Add	*233.80*	
		For Low-E Insulated Glass, Add	*487.09*	
		For Obscure Glass, Add	*535.80*	

08 54 13 00-0231 52" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	1,905.57	60.05
		For Colored Vinyl, Add	*178.66*	
		For Tinted Glass, Add	*214.40*	
		For Low-E Insulated Glass, Add	*446.66*	
		For Obscure Glass, Add	*491.32*	
08 54 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	1,973.14	61.20
		For Colored Vinyl, Add	*185.07*	
		For Tinted Glass, Add	*222.09*	
		For Low-E Insulated Glass, Add	*462.69*	
		For Obscure Glass, Add	*508.95*	
08 54 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	2,041.68	63.51
		For Colored Vinyl, Add	*191.47*	
		For Tinted Glass, Add	*229.76*	
		For Low-E Insulated Glass, Add	*478.66*	
		For Obscure Glass, Add	*526.53*	
08 54 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	2,178.79	65.82
		For Colored Vinyl, Add	*204.72*	
		For Tinted Glass, Add	*245.66*	
		For Low-E Insulated Glass, Add	*511.79*	
		For Obscure Glass, Add	*562.97*	

08 54 13 00-0236 60" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,001.81	63.51
		For Colored Vinyl, Add	*187.48*	
		For Tinted Glass, Add	*224.97*	
		For Low-E Insulated Glass, Add	*468.70*	
		For Obscure Glass, Add	*515.56*	
08 54 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,073.38	65.82
		For Colored Vinyl, Add	*194.29*	
		For Tinted Glass, Add	*233.15*	
		For Low-E Insulated Glass, Add	*485.72*	
		For Obscure Glass, Add	*534.29*	
08 54 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,146.18	67.55
		For Colored Vinyl, Add	*201.11*	
		For Tinted Glass, Add	*241.33*	
		For Low-E Insulated Glass, Add	*502.77*	
		For Obscure Glass, Add	*553.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,285.61	69.87
		For Colored Vinyl, Add	*214.59*	
		For Tinted Glass, Add	*257.51*	
		For Low-E Insulated Glass, Add	*536.47*	
		For Obscure Glass, Add	*590.12*	

08 54 13 00-0241 64" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,093.62	66.98
		For Colored Vinyl, Add	*196.08*	
		For Tinted Glass, Add	*235.30*	
		For Low-E Insulated Glass, Add	*490.21*	
		For Obscure Glass, Add	*539.23*	
08 54 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,167.30	68.13
		For Colored Vinyl, Add	*203.10*	
		For Tinted Glass, Add	*243.72*	
		For Low-E Insulated Glass, Add	*507.76*	
		For Obscure Glass, Add	*558.54*	
08 54 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,245.63	70.44
		For Colored Vinyl, Add	*210.48*	
		For Tinted Glass, Add	*252.57*	
		For Low-E Insulated Glass, Add	*526.19*	
		For Obscure Glass, Add	*578.81*	
08 54 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,381.64	72.75
		For Colored Vinyl, Add	*223.61*	
		For Tinted Glass, Add	*268.34*	
		For Low-E Insulated Glass, Add	*559.04*	
		For Obscure Glass, Add	*614.94*	

08 54 13 00-0246 72" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,203.38	70.44
		For Colored Vinyl, Add	*206.25*	
		For Tinted Glass, Add	*247.50*	
		For Low-E Insulated Glass, Add	*515.63*	
		For Obscure Glass, Add	*567.19*	
08 54 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,281.47	72.75
		For Colored Vinyl, Add	*213.71*	
		For Tinted Glass, Add	*256.46*	
		For Low-E Insulated Glass, Add	*534.28*	
		For Obscure Glass, Add	*587.71*	
08 54 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,355.89	74.48
		For Colored Vinyl, Add	*220.69*	
		For Tinted Glass, Add	*264.83*	
		For Low-E Insulated Glass, Add	*551.73*	
		For Obscure Glass, Add	*606.90*	
08 54 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,490.06	76.80
		For Colored Vinyl, Add	*233.65*	
		For Tinted Glass, Add	*280.38*	
		For Low-E Insulated Glass, Add	*584.12*	
		For Obscure Glass, Add	*642.53*	

08 54 13 00-0251 Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*

08 54 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,041.54	58.90
		For Colored Vinyl, Add	*292.38*	
		For Tinted Glass, Add	*350.85*	
		For Low-E Insulated Glass, Add	*730.94*	
		For Obscure Glass, Add	*804.03*	
08 54 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,141.42	63.51
		For Colored Vinyl, Add	*301.56*	
		For Tinted Glass, Add	*361.87*	
		For Low-E Insulated Glass, Add	*753.89*	
		For Obscure Glass, Add	*829.28*	
08 54 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,242.52	68.13
		For Colored Vinyl, Add	*310.74*	
		For Tinted Glass, Add	*372.89*	
		For Low-E Insulated Glass, Add	*776.85*	
		For Obscure Glass, Add	*854.54*	
08 54 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,360.78	72.17
		For Colored Vinyl, Add	*321.64*	
		For Tinted Glass, Add	*385.97*	
		For Low-E Insulated Glass, Add	*804.11*	
		For Obscure Glass, Add	*884.52*	

08 54 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,224.11	61.78
		For Colored Vinyl, Add	*310.06*	
		For Tinted Glass, Add	*372.07*	
		For Low-E Insulated Glass, Add	*775.14*	
		For Obscure Glass, Add	*852.65*	
08 54 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,331.55	65.82
		For Colored Vinyl, Add	*319.99*	
		For Tinted Glass, Add	*383.99*	
		For Low-E Insulated Glass, Add	*799.98*	
		For Obscure Glass, Add	*879.98*	
08 54 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,440.22	70.44
		For Colored Vinyl, Add	*329.93*	
		For Tinted Glass, Add	*395.92*	
		For Low-E Insulated Glass, Add	*824.84*	
		For Obscure Glass, Add	*907.32*	
08 54 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,553.87	75.06
		For Colored Vinyl, Add	*340.38*	
		For Tinted Glass, Add	*408.45*	
		For Low-E Insulated Glass, Add	*850.94*	
		For Obscure Glass, Add	*936.03*	

08 54 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,413.71	66.40
		For Colored Vinyl, Add	*328.09*	
		For Tinted Glass, Add	*393.71*	
		For Low-E Insulated Glass, Add	*820.23*	
		For Obscure Glass, Add	*902.25*	
08 54 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,526.55	70.44
		For Colored Vinyl, Add	*338.57*	
		For Tinted Glass, Add	*406.28*	
		For Low-E Insulated Glass, Add	*846.42*	
		For Obscure Glass, Add	*931.06*	
08 54 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,640.76	75.06
		For Colored Vinyl, Add	*349.06*	
		For Tinted Glass, Add	*418.88*	
		For Low-E Insulated Glass, Add	*872.66*	
		For Obscure Glass, Add	*959.93*	
08 54 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,767.09	79.68
		For Colored Vinyl, Add	*360.77*	
		For Tinted Glass, Add	*432.93*	
		For Low-E Insulated Glass, Add	*901.93*	
		For Obscure Glass, Add	*992.13*	

08 54 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,598.21	68.71
		For Colored Vinyl, Add	*346.08*	
		For Tinted Glass, Add	*415.29*	
		For Low-E Insulated Glass, Add	*865.20*	
		For Obscure Glass, Add	*951.72*	
08 54 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,718.40	72.75
		For Colored Vinyl, Add	*357.29*	
		For Tinted Glass, Add	*428.75*	
		For Low-E Insulated Glass, Add	*893.23*	
		For Obscure Glass, Add	*982.55*	
08 54 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,839.69	77.37
		For Colored Vinyl, Add	*368.50*	
		For Tinted Glass, Add	*442.19*	
		For Low-E Insulated Glass, Add	*921.24*	
		For Obscure Glass, Add	*1,013.36*	
08 54 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,968.54	81.99
		For Colored Vinyl, Add	*380.46*	
		For Tinted Glass, Add	*456.55*	
		For Low-E Insulated Glass, Add	*951.14*	
		For Obscure Glass, Add	*1,046.25*	

08 54 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,786.23	72.75
		For Colored Vinyl, Add	*364.07*	
		For Tinted Glass, Add	*436.89*	
		For Low-E Insulated Glass, Add	*910.18*	
		For Obscure Glass, Add	*1,001.20*	
08 54 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,913.64	77.37
		For Colored Vinyl, Add	*376.01*	
		For Tinted Glass, Add	*451.21*	
		For Low-E Insulated Glass, Add	*940.02*	
		For Obscure Glass, Add	*1,034.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,042.09	81.99
		For Colored Vinyl, Add	*387.93*	
		For Tinted Glass, Add	*465.51*	
		For Low-E Insulated Glass, Add	*969.82*	
		For Obscure Glass, Add	*1,066.80*	
08 54 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,173.31	86.03
		For Colored Vinyl, Add	*400.13*	
		For Tinted Glass, Add	*480.15*	
		For Low-E Insulated Glass, Add	*1,000.31*	
		For Obscure Glass, Add	*1,100.34*	
08 54 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,977.76	75.64
		For Colored Vinyl, Add	*382.65*	
		For Tinted Glass, Add	*459.18*	
		For Low-E Insulated Glass, Add	*956.62*	
		For Obscure Glass, Add	*1,052.28*	
08 54 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,105.18	79.68
		For Colored Vinyl, Add	*394.58*	
		For Tinted Glass, Add	*473.50*	
		For Low-E Insulated Glass, Add	*986.46*	
		For Obscure Glass, Add	*1,085.10*	
08 54 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,233.05	84.30
		For Colored Vinyl, Add	*406.45*	
		For Tinted Glass, Add	*487.74*	
		For Low-E Insulated Glass, Add	*1,016.12*	
		For Obscure Glass, Add	*1,117.73*	
08 54 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,364.85	88.92
		For Colored Vinyl, Add	*418.70*	
		For Tinted Glass, Add	*502.44*	
		For Low-E Insulated Glass, Add	*1,046.75*	
		For Obscure Glass, Add	*1,151.43*	
08 54 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,183.66	79.68
		For Colored Vinyl, Add	*402.43*	
		For Tinted Glass, Add	*482.92*	
		For Low-E Insulated Glass, Add	*1,006.08*	
		For Obscure Glass, Add	*1,106.68*	
08 54 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,311.08	84.30
		For Colored Vinyl, Add	*414.36*	
		For Tinted Glass, Add	*497.24*	
		For Low-E Insulated Glass, Add	*1,035.91*	
		For Obscure Glass, Add	*1,139.50*	
08 54 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,439.65	88.92
		For Colored Vinyl, Add	*426.30*	
		For Tinted Glass, Add	*511.56*	
		For Low-E Insulated Glass, Add	*1,065.74*	
		For Obscure Glass, Add	*1,172.32*	
08 54 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,570.89	92.96
		For Colored Vinyl, Add	*438.50*	
		For Tinted Glass, Add	*526.20*	
		For Low-E Insulated Glass, Add	*1,096.24*	
		For Obscure Glass, Add	*1,205.87*	
08 54 13 00-0287		Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0288		36" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,740.33	75.06
		For Colored Vinyl, Add	*359.02*	
		For Tinted Glass, Add	*430.83*	
		For Low-E Insulated Glass, Add	*897.55*	
		For Obscure Glass, Add	*987.31*	
08 54 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,903.08	80.84
		For Colored Vinyl, Add	*374.14*	
		For Tinted Glass, Add	*448.97*	
		For Low-E Insulated Glass, Add	*935.36*	
		For Obscure Glass, Add	*1,028.89*	
08 54 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,204.98	89.49
		For Colored Vinyl, Add	*402.60*	
		For Tinted Glass, Add	*483.12*	
		For Low-E Insulated Glass, Add	*1,006.50*	
		For Obscure Glass, Add	*1,107.15*	
08 54 13 00-0292		40" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,998.37	78.52
		For Colored Vinyl, Add	*384.25*	
		For Tinted Glass, Add	*461.10*	
		For Low-E Insulated Glass, Add	*960.62*	
		For Obscure Glass, Add	*1,056.68*	
08 54 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,162.67	83.72
		For Colored Vinyl, Add	*399.52*	
		For Tinted Glass, Add	*479.43*	
		For Low-E Insulated Glass, Add	*998.81*	
		For Obscure Glass, Add	*1,098.69*	
08 54 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,484.95	92.38
		For Colored Vinyl, Add	*430.02*	
		For Tinted Glass, Add	*516.02*	
		For Low-E Insulated Glass, Add	*1,075.05*	
		For Obscure Glass, Add	*1,182.55*	
08 54 13 00-0296		48" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,224.86	83.14
		For Colored Vinyl, Add	*405.86*	
		For Tinted Glass, Add	*487.03*	
		For Low-E Insulated Glass, Add	*1,014.64*	
		For Obscure Glass, Add	*1,116.11*	
08 54 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,429.35	88.34
		For Colored Vinyl, Add	*425.27*	
		For Tinted Glass, Add	*510.32*	
		For Low-E Insulated Glass, Add	*1,063.17*	
		For Obscure Glass, Add	*1,169.48*	
08 54 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,769.14	97.00
		For Colored Vinyl, Add	*457.51*	
		For Tinted Glass, Add	*549.02*	
		For Low-E Insulated Glass, Add	*1,143.79*	
		For Obscure Glass, Add	*1,258.16*	
08 54 13 00-0300		52" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,473.05	85.45
		For Colored Vinyl, Add	*430.21*	
		For Tinted Glass, Add	*516.26*	
		For Low-E Insulated Glass, Add	*1,075.54*	
		For Obscure Glass, Add	*1,183.09*	
08 54 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,689.27	91.23
		For Colored Vinyl, Add	*450.68*	
		For Tinted Glass, Add	*540.82*	
		For Low-E Insulated Glass, Add	*1,126.71*	
		For Obscure Glass, Add	*1,239.38*	
08 54 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,089.08	99.31
		For Colored Vinyl, Add	*489.05*	
		For Tinted Glass, Add	*586.86*	
		For Low-E Insulated Glass, Add	*1,222.62*	
		For Obscure Glass, Add	*1,344.88*	
08 54 13 00-0304		60" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,724.56	89.49
		For Colored Vinyl, Add	*454.56*	
		For Tinted Glass, Add	*545.47*	
		For Low-E Insulated Glass, Add	*1,136.39*	
		For Obscure Glass, Add	*1,250.03*	
08 54 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,951.43	95.27
		For Colored Vinyl, Add	*476.09*	
		For Tinted Glass, Add	*571.31*	
		For Low-E Insulated Glass, Add	*1,190.23*	
		For Obscure Glass, Add	*1,309.25*	
08 54 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,412.49	103.35
		For Colored Vinyl, Add	*520.58*	
		For Tinted Glass, Add	*624.69*	
		For Low-E Insulated Glass, Add	*1,301.45*	
		For Obscure Glass, Add	*1,431.59*	
08 54 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,005.37	92.38
		For Colored Vinyl, Add	*482.06*	
		For Tinted Glass, Add	*578.47*	
		For Low-E Insulated Glass, Add	*1,205.15*	
		For Obscure Glass, Add	*1,325.67*	
08 54 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,232.10	98.16
		For Colored Vinyl, Add	*503.58*	
		For Tinted Glass, Add	*604.29*	
		For Low-E Insulated Glass, Add	*1,258.95*	
		For Obscure Glass, Add	*1,384.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,693.16	106.24
		For Colored Vinyl, Add	*548.07*	
		For Tinted Glass, Add	*657.68*	
		For Low-E Insulated Glass, Add	*1,370.17*	
		For Obscure Glass, Add	*1,507.19*	

08 54 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*

08 54 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,289.12	96.42
		For Colored Vinyl, Add	*509.63*	
		For Tinted Glass, Add	*611.55*	
		For Low-E Insulated Glass, Add	*1,274.07*	
		For Obscure Glass, Add	*1,401.47*	
08 54 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,515.78	102.20
		For Colored Vinyl, Add	*531.14*	
		For Tinted Glass, Add	*637.37*	
		For Low-E Insulated Glass, Add	*1,327.85*	
		For Obscure Glass, Add	*1,460.63*	
08 54 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,976.83	110.28
		For Colored Vinyl, Add	*575.63*	
		For Tinted Glass, Add	*690.75*	
		For Low-E Insulated Glass, Add	*1,439.07*	
		For Obscure Glass, Add	*1,582.97*	

08 54 13 00-0316 Replacement, Casement Fiberglass Windows *(08 54 13 00-0203)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0317 One Operating Sash, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Fiberglass Window	1,877.64	49.08
		For Colored Vinyl, Add	*177.95*	
		For Tinted Glass, Add	*213.54*	
		For Low-E Insulated Glass, Add	*444.87*	
		For Obscure Glass, Add	*489.36*	
08 54 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,136.82	54.85
		For Colored Vinyl, Add	*202.71*	
		For Tinted Glass, Add	*243.25*	
		For Low-E Insulated Glass, Add	*506.78*	
		For Obscure Glass, Add	*557.46*	
08 54 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,368.04	60.63
		For Colored Vinyl, Add	*224.68*	
		For Tinted Glass, Add	*269.61*	
		For Low-E Insulated Glass, Add	*561.70*	
		For Obscure Glass, Add	*617.87*	
08 54 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,571.24	66.40
		For Colored Vinyl, Add	*243.84*	
		For Tinted Glass, Add	*292.61*	
		For Low-E Insulated Glass, Add	*609.61*	
		For Obscure Glass, Add	*670.57*	
08 54 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,746.46	72.17
		For Colored Vinyl, Add	*260.21*	
		For Tinted Glass, Add	*312.25*	
		For Low-E Insulated Glass, Add	*650.53*	
		For Obscure Glass, Add	*715.58*	
08 54 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,840.57	77.95
		For Colored Vinyl, Add	*268.47*	
		For Tinted Glass, Add	*322.16*	
		For Low-E Insulated Glass, Add	*671.17*	
		For Obscure Glass, Add	*738.28*	
08 54 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	28.07	0.75
		For Colored Vinyl, Add	*2.66*	
		For Tinted Glass, Add	*3.19*	
		For Low-E Insulated Glass, Add	*6.64*	
		For Obscure Glass, Add	*7.30*	

08 54 13 00-0325 Two Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,236.09	60.63
		For Colored Vinyl, Add	*311.48*	
		For Tinted Glass, Add	*373.78*	
		For Low-E Insulated Glass, Add	*778.71*	
		For Obscure Glass, Add	*856.58*	
08 54 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,558.20	66.40
		For Colored Vinyl, Add	*342.54*	
		For Tinted Glass, Add	*411.05*	
		For Low-E Insulated Glass, Add	*856.35*	
		For Obscure Glass, Add	*941.99*	
08 54 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,852.34	72.17
		For Colored Vinyl, Add	*370.80*	
		For Tinted Glass, Add	*444.96*	
		For Low-E Insulated Glass, Add	*927.00*	
		For Obscure Glass, Add	*1,019.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	4,041.60	77.95
		For Colored Vinyl, Add	*388.57*	
		For Tinted Glass, Add	*466.28*	
		For Low-E Insulated Glass, Add	*971.43*	
		For Obscure Glass, Add	*1,068.57*	
08 54 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	4,245.49	83.72
		For Colored Vinyl, Add	*407.81*	
		For Tinted Glass, Add	*489.37*	
		For Low-E Insulated Glass, Add	*1,019.51*	
		For Obscure Glass, Add	*1,121.46*	
08 54 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	4,459.90	89.49
		For Colored Vinyl, Add	*428.09*	
		For Tinted Glass, Add	*513.71*	
		For Low-E Insulated Glass, Add	*1,070.23*	
		For Obscure Glass, Add	*1,177.25*	
08 54 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	37.18	0.75
		For Colored Vinyl, Add	*3.57*	
		For Tinted Glass, Add	*4.28*	
		For Low-E Insulated Glass, Add	*8.92*	
		For Obscure Glass, Add	*9.81*	

08 54 13 00-0333 Three Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,389.27	60.63
		For Colored Vinyl, Add	*326.80*	
		For Tinted Glass, Add	*392.16*	
		For Low-E Insulated Glass, Add	*817.01*	
		For Obscure Glass, Add	*898.71*	
08 54 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,728.19	66.40
		For Colored Vinyl, Add	*359.54*	
		For Tinted Glass, Add	*431.45*	
		For Low-E Insulated Glass, Add	*898.85*	
		For Obscure Glass, Add	*988.73*	
08 54 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,047.49	72.17
		For Colored Vinyl, Add	*390.32*	
		For Tinted Glass, Add	*468.38*	
		For Low-E Insulated Glass, Add	*975.79*	
		For Obscure Glass, Add	*1,073.37*	
08 54 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,253.50	77.95
		For Colored Vinyl, Add	*409.76*	
		For Tinted Glass, Add	*491.71*	
		For Low-E Insulated Glass, Add	*1,024.40*	
		For Obscure Glass, Add	*1,126.84*	
08 54 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,476.31	83.72
		For Colored Vinyl, Add	*430.89*	
		For Tinted Glass, Add	*517.06*	
		For Low-E Insulated Glass, Add	*1,077.22*	
		For Obscure Glass, Add	*1,184.94*	
08 54 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,711.74	89.49
		For Colored Vinyl, Add	*453.28*	
		For Tinted Glass, Add	*543.93*	
		For Low-E Insulated Glass, Add	*1,133.19*	
		For Obscure Glass, Add	*1,246.51*	
08 54 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	39.28	0.75
		For Colored Vinyl, Add	*3.78*	
		For Tinted Glass, Add	*4.53*	
		For Low-E Insulated Glass, Add	*9.44*	
		For Obscure Glass, Add	*10.39*	

08 54 13 00-0341 Awning Fiberglass Windows *(08 54 13)*

08 54 13 00-0342 New Construction, Awning Fiberglass Windows *(08 54 13 00-0341)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0343 Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0342)*

08 54 13 00-0344 17" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

08 54 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Fiberglass Window	1,901.79	47.34
		For Colored Vinyl, Add	*180.71*	
		For Tinted Glass, Add	*216.85*	
		For Low-E Insulated Glass, Add	*451.77*	
		For Obscure Glass, Add	*496.95*	
08 54 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Fiberglass Window	1,990.34	49.66
		For Colored Vinyl, Add	*189.10*	
		For Tinted Glass, Add	*226.92*	
		For Low-E Insulated Glass, Add	*472.76*	
		For Obscure Glass, Add	*520.03*	
08 54 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Fiberglass Window	2,124.34	53.70
		For Colored Vinyl, Add	*201.70*	
		For Tinted Glass, Add	*242.03*	
		For Low-E Insulated Glass, Add	*504.24*	
		For Obscure Glass, Add	*554.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Fiberglass Window	2,209.30	56.59
		For Colored Vinyl, Add	*209.61*	
		For Tinted Glass, Add	*251.54*	
		For Low-E Insulated Glass, Add	*524.03*	
		For Obscure Glass, Add	*576.44*	
08 54 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Fiberglass Window	2,349.15	61.20
		For Colored Vinyl, Add	*222.68*	
		For Tinted Glass, Add	*267.21*	
		For Low-E Insulated Glass, Add	*556.69*	
		For Obscure Glass, Add	*612.36*	
08 54 13 00-0350		20" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Fiberglass Window	2,010.14	49.66
		For Colored Vinyl, Add	*191.20*	
		For Tinted Glass, Add	*229.44*	
		For Low-E Insulated Glass, Add	*478.00*	
		For Obscure Glass, Add	*525.79*	
08 54 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Fiberglass Window	2,098.71	51.97
		For Colored Vinyl, Add	*199.59*	
		For Tinted Glass, Add	*239.51*	
		For Low-E Insulated Glass, Add	*498.98*	
		For Obscure Glass, Add	*548.88*	
08 54 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Fiberglass Window	2,244.34	55.43
		For Colored Vinyl, Add	*213.35*	
		For Tinted Glass, Add	*256.02*	
		For Low-E Insulated Glass, Add	*533.37*	
		For Obscure Glass, Add	*586.71*	
08 54 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Fiberglass Window	2,329.43	58.90
		For Colored Vinyl, Add	*221.28*	
		For Tinted Glass, Add	*265.54*	
		For Low-E Insulated Glass, Add	*553.20*	
		For Obscure Glass, Add	*608.52*	
08 54 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Fiberglass Window	2,480.78	62.94
		For Colored Vinyl, Add	*235.49*	
		For Tinted Glass, Add	*282.59*	
		For Low-E Insulated Glass, Add	*588.73*	
		For Obscure Glass, Add	*647.60*	
08 54 13 00-0356		24" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Fiberglass Window	2,072.99	51.97
		For Colored Vinyl, Add	*197.02*	
		For Tinted Glass, Add	*236.43*	
		For Low-E Insulated Glass, Add	*492.55*	
		For Obscure Glass, Add	*541.81*	
08 54 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Fiberglass Window	2,161.55	54.27
		For Colored Vinyl, Add	*205.42*	
		For Tinted Glass, Add	*246.50*	
		For Low-E Insulated Glass, Add	*513.54*	
		For Obscure Glass, Add	*564.89*	
08 54 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Fiberglass Window	2,313.00	57.74
		For Colored Vinyl, Add	*219.75*	
		For Tinted Glass, Add	*263.70*	
		For Low-E Insulated Glass, Add	*549.38*	
		For Obscure Glass, Add	*604.32*	
08 54 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Fiberglass Window	2,407.49	61.20
		For Colored Vinyl, Add	*228.62*	
		For Tinted Glass, Add	*274.35*	
		For Low-E Insulated Glass, Add	*571.56*	
		For Obscure Glass, Add	*628.72*	
08 54 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Fiberglass Window	2,561.22	65.24
		For Colored Vinyl, Add	*243.07*	
		For Tinted Glass, Add	*291.69*	
		For Low-E Insulated Glass, Add	*607.68*	
		For Obscure Glass, Add	*668.45*	
08 54 13 00-0362		28" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Fiberglass Window	2,135.90	54.27
		For Colored Vinyl, Add	*202.85*	
		For Tinted Glass, Add	*243.42*	
		For Low-E Insulated Glass, Add	*507.13*	
		For Obscure Glass, Add	*557.84*	
08 54 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Fiberglass Window	2,224.47	56.59
		For Colored Vinyl, Add	*211.25*	
		For Tinted Glass, Add	*253.50*	
		For Low-E Insulated Glass, Add	*528.12*	
		For Obscure Glass, Add	*580.93*	
08 54 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Fiberglass Window	2,381.81	60.05
		For Colored Vinyl, Add	*226.17*	
		For Tinted Glass, Add	*271.41*	
		For Low-E Insulated Glass, Add	*565.43*	
		For Obscure Glass, Add	*621.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Fiberglass Window	2,484.98	63.51
		For Colored Vinyl, Add	*235.91*	
		For Tinted Glass, Add	*283.09*	
		For Low-E Insulated Glass, Add	*589.78*	
		For Obscure Glass, Add	*648.76*	
08 54 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Fiberglass Window	2,641.66	67.55
		For Colored Vinyl, Add	*250.66*	
		For Tinted Glass, Add	*300.79*	
		For Low-E Insulated Glass, Add	*626.64*	
		For Obscure Glass, Add	*689.30*	
08 54 13 00-0368		36" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Fiberglass Window	2,518.06	64.09
		For Colored Vinyl, Add	*238.99*	
		For Tinted Glass, Add	*286.79*	
		For Low-E Insulated Glass, Add	*597.47*	
		For Obscure Glass, Add	*657.22*	
08 54 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Fiberglass Window	2,621.38	66.98
		For Colored Vinyl, Add	*248.74*	
		For Tinted Glass, Add	*298.49*	
		For Low-E Insulated Glass, Add	*621.86*	
		For Obscure Glass, Add	*684.04*	
08 54 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Fiberglass Window	2,789.67	71.60
		For Colored Vinyl, Add	*264.65*	
		For Tinted Glass, Add	*317.58*	
		For Low-E Insulated Glass, Add	*661.62*	
		For Obscure Glass, Add	*727.78*	
08 54 13 00-0372		Replacement, Awning Fiberglass Windows *(08 54 13 00-0341)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0373	EA	Up To 53" UI, Replacement, Awning Fiberglass Window	1,988.91	49.08
		For Colored Vinyl, Add	*189.08*	
		For Tinted Glass, Add	*226.89*	
		For Low-E Insulated Glass, Add	*472.69*	
		For Obscure Glass, Add	*519.96*	
08 54 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Fiberglass Window	2,313.12	54.85
		For Colored Vinyl, Add	*220.34*	
		For Tinted Glass, Add	*264.41*	
		For Low-E Insulated Glass, Add	*550.85*	
		For Obscure Glass, Add	*605.94*	
08 54 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Fiberglass Window	2,623.31	60.63
		For Colored Vinyl, Add	*250.21*	
		For Tinted Glass, Add	*300.25*	
		For Low-E Insulated Glass, Add	*625.52*	
		For Obscure Glass, Add	*688.07*	
08 54 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Fiberglass Window	2,919.56	66.40
		For Colored Vinyl, Add	*278.68*	
		For Tinted Glass, Add	*334.41*	
		For Low-E Insulated Glass, Add	*696.69*	
		For Obscure Glass, Add	*766.36*	
08 54 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Fiberglass Window	3,201.86	72.17
		For Colored Vinyl, Add	*305.75*	
		For Tinted Glass, Add	*366.90*	
		For Low-E Insulated Glass, Add	*764.38*	
		For Obscure Glass, Add	*840.82*	
08 54 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Fiberglass Window	3,335.07	77.95
		For Colored Vinyl, Add	*317.92*	
		For Tinted Glass, Add	*381.50*	
		For Low-E Insulated Glass, Add	*794.79*	
		For Obscure Glass, Add	*874.27*	
08 54 13 00-0379	UI	>101" UI, Replacement, Awning Fiberglass Window	32.97	0.75
		For Colored Vinyl, Add	*3.15*	
		For Tinted Glass, Add	*3.78*	
		For Low-E Insulated Glass, Add	*7.87*	
		For Obscure Glass, Add	*8.65*	
08 54 13 00-0380		Horizontal Sliding Fiberglass Windows *(08 54 13)*		
08 54 13 00-0381		New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0382		20" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Fiberglass Window	956.59	56.59
		For Colored Vinyl, Add	*84.46*	
		For Tinted Glass, Add	*101.35*	
		For Low-E Insulated Glass, Add	*211.15*	
		For Obscure Glass, Add	*232.26*	
08 54 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,053.27	63.51
		For Colored Vinyl, Add	*92.74*	
		For Tinted Glass, Add	*111.29*	
		For Low-E Insulated Glass, Add	*231.85*	
		For Obscure Glass, Add	*255.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,101.62	66.40
		For Colored Vinyl, Add	*96.88*	
		For Tinted Glass, Add	*116.26*	
		For Low-E Insulated Glass, Add	*242.21*	
		For Obscure Glass, Add	*266.43*	
08 54 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,149.96	69.87
		For Colored Vinyl, Add	*101.02*	
		For Tinted Glass, Add	*121.23*	
		For Low-E Insulated Glass, Add	*252.56*	
		For Obscure Glass, Add	*277.81*	
08 54 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,182.11	72.75
		For Colored Vinyl, Add	*103.78*	
		For Tinted Glass, Add	*124.53*	
		For Low-E Insulated Glass, Add	*259.44*	
		For Obscure Glass, Add	*285.39*	
08 54 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,246.63	76.80
		For Colored Vinyl, Add	*109.31*	
		For Tinted Glass, Add	*131.17*	
		For Low-E Insulated Glass, Add	*273.26*	
		For Obscure Glass, Add	*300.59*	
08 54 13 00-0389		24" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,007.81	58.90
		For Colored Vinyl, Add	*89.12*	
		For Tinted Glass, Add	*106.94*	
		For Low-E Insulated Glass, Add	*222.80*	
		For Obscure Glass, Add	*245.07*	
08 54 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,108.27	65.82
		For Colored Vinyl, Add	*97.78*	
		For Tinted Glass, Add	*117.33*	
		For Low-E Insulated Glass, Add	*244.45*	
		For Obscure Glass, Add	*268.89*	
08 54 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,158.93	68.71
		For Colored Vinyl, Add	*102.15*	
		For Tinted Glass, Add	*122.58*	
		For Low-E Insulated Glass, Add	*255.38*	
		For Obscure Glass, Add	*280.92*	
08 54 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,208.80	72.17
		For Colored Vinyl, Add	*106.45*	
		For Tinted Glass, Add	*127.74*	
		For Low-E Insulated Glass, Add	*266.12*	
		For Obscure Glass, Add	*292.73*	
08 54 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,242.30	75.06
		For Colored Vinyl, Add	*109.33*	
		For Tinted Glass, Add	*131.20*	
		For Low-E Insulated Glass, Add	*273.33*	
		For Obscure Glass, Add	*300.67*	
08 54 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,309.27	79.10
		For Colored Vinyl, Add	*115.11*	
		For Tinted Glass, Add	*138.13*	
		For Low-E Insulated Glass, Add	*287.77*	
		For Obscure Glass, Add	*316.54*	
08 54 13 00-0396		36" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,162.65	65.82
		For Colored Vinyl, Add	*103.22*	
		For Tinted Glass, Add	*123.86*	
		For Low-E Insulated Glass, Add	*258.04*	
		For Obscure Glass, Add	*283.84*	
08 54 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,275.30	72.75
		For Colored Vinyl, Add	*113.10*	
		For Tinted Glass, Add	*135.72*	
		For Low-E Insulated Glass, Add	*282.74*	
		For Obscure Glass, Add	*311.01*	
08 54 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,331.70	75.64
		For Colored Vinyl, Add	*118.04*	
		For Tinted Glass, Add	*141.65*	
		For Low-E Insulated Glass, Add	*295.11*	
		For Obscure Glass, Add	*324.62*	
08 54 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,388.03	79.10
		For Colored Vinyl, Add	*122.98*	
		For Tinted Glass, Add	*147.58*	
		For Low-E Insulated Glass, Add	*307.46*	
		For Obscure Glass, Add	*338.20*	
08 54 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,425.67	80.84
		For Colored Vinyl, Add	*126.28*	
		For Tinted Glass, Add	*151.54*	
		For Low-E Insulated Glass, Add	*315.71*	
		For Obscure Glass, Add	*347.28*	
08 54 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,500.84	86.03
		For Colored Vinyl, Add	*132.88*	
		For Tinted Glass, Add	*159.45*	
		For Low-E Insulated Glass, Add	*332.20*	
		For Obscure Glass, Add	*365.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 54 13 00-0403 42" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,240.07	69.28
		For Colored Vinyl, Add	*110.27*	
		For Tinted Glass, Add	*132.32*	
		For Low-E Insulated Glass, Add	*275.66*	
		For Obscure Glass, Add	*303.23*	
08 54 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,358.89	76.21
		For Colored Vinyl, Add	*120.76*	
		For Tinted Glass, Add	*144.91*	
		For Low-E Insulated Glass, Add	*301.91*	
		For Obscure Glass, Add	*332.10*	
08 54 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,418.37	79.10
		For Colored Vinyl, Add	*126.02*	
		For Tinted Glass, Add	*151.22*	
		For Low-E Insulated Glass, Add	*315.04*	
		For Obscure Glass, Add	*346.55*	
08 54 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,477.79	82.56
		For Colored Vinyl, Add	*131.27*	
		For Tinted Glass, Add	*157.52*	
		For Low-E Insulated Glass, Add	*328.17*	
		For Obscure Glass, Add	*360.98*	
08 54 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,517.24	85.45
		For Colored Vinyl, Add	*134.75*	
		For Tinted Glass, Add	*161.70*	
		For Low-E Insulated Glass, Add	*336.87*	
		For Obscure Glass, Add	*370.56*	
08 54 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,596.62	89.49
		For Colored Vinyl, Add	*141.76*	
		For Tinted Glass, Add	*170.12*	
		For Low-E Insulated Glass, Add	*354.41*	
		For Obscure Glass, Add	*389.85*	

08 54 13 00-0410 44" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,265.93	70.44
		For Colored Vinyl, Add	*112.62*	
		For Tinted Glass, Add	*135.14*	
		For Low-E Insulated Glass, Add	*281.55*	
		For Obscure Glass, Add	*309.71*	
08 54 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,386.78	77.37
		For Colored Vinyl, Add	*123.32*	
		For Tinted Glass, Add	*147.98*	
		For Low-E Insulated Glass, Add	*308.30*	
		For Obscure Glass, Add	*339.13*	
08 54 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,447.17	80.26
		For Colored Vinyl, Add	*128.67*	
		For Tinted Glass, Add	*154.40*	
		For Low-E Insulated Glass, Add	*321.67*	
		For Obscure Glass, Add	*353.83*	
08 54 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,507.64	83.72
		For Colored Vinyl, Add	*134.02*	
		For Tinted Glass, Add	*160.82*	
		For Low-E Insulated Glass, Add	*335.05*	
		For Obscure Glass, Add	*368.56*	
08 54 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,547.99	86.60
		For Colored Vinyl, Add	*137.59*	
		For Tinted Glass, Add	*165.11*	
		For Low-E Insulated Glass, Add	*343.98*	
		For Obscure Glass, Add	*378.38*	
08 54 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,628.43	90.65
		For Colored Vinyl, Add	*144.71*	
		For Tinted Glass, Add	*173.66*	
		For Low-E Insulated Glass, Add	*361.78*	
		For Obscure Glass, Add	*397.96*	

08 54 13 00-0417 46" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,291.71	71.60
		For Colored Vinyl, Add	*114.97*	
		For Tinted Glass, Add	*137.96*	
		For Low-E Insulated Glass, Add	*287.42*	
		For Obscure Glass, Add	*316.16*	
08 54 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,414.60	78.52
		For Colored Vinyl, Add	*125.87*	
		For Tinted Glass, Add	*151.04*	
		For Low-E Insulated Glass, Add	*314.68*	
		For Obscure Glass, Add	*346.14*	
08 54 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,476.05	81.41
		For Colored Vinyl, Add	*131.32*	
		For Tinted Glass, Add	*157.59*	
		For Low-E Insulated Glass, Add	*328.31*	
		For Obscure Glass, Add	*361.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,537.43	84.88
		For Colored Vinyl, Add	*136.77*	
		For Tinted Glass, Add	*164.12*	
		For Low-E Insulated Glass, Add	*341.92*	
		For Obscure Glass, Add	*376.11*	
08 54 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,578.40	87.77
		For Colored Vinyl, Add	*140.40*	
		For Tinted Glass, Add	*168.48*	
		For Low-E Insulated Glass, Add	*351.01*	
		For Obscure Glass, Add	*386.11*	
08 54 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,660.37	91.81
		For Colored Vinyl, Add	*147.68*	
		For Tinted Glass, Add	*177.21*	
		For Low-E Insulated Glass, Add	*369.19*	
		For Obscure Glass, Add	*406.11*	

08 54 13 00-0424 48" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,317.56	72.75
		For Colored Vinyl, Add	*117.32*	
		For Tinted Glass, Add	*140.79*	
		For Low-E Insulated Glass, Add	*293.31*	
		For Obscure Glass, Add	*322.64*	
08 54 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,442.48	79.68
		For Colored Vinyl, Add	*128.43*	
		For Tinted Glass, Add	*154.11*	
		For Low-E Insulated Glass, Add	*321.07*	
		For Obscure Glass, Add	*353.18*	
08 54 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,504.91	82.56
		For Colored Vinyl, Add	*133.98*	
		For Tinted Glass, Add	*160.77*	
		For Low-E Insulated Glass, Add	*334.95*	
		For Obscure Glass, Add	*368.44*	
08 54 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,567.26	86.03
		For Colored Vinyl, Add	*139.52*	
		For Tinted Glass, Add	*167.42*	
		For Low-E Insulated Glass, Add	*348.80*	
		For Obscure Glass, Add	*383.68*	
08 54 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,608.95	88.92
		For Colored Vinyl, Add	*143.23*	
		For Tinted Glass, Add	*171.87*	
		For Low-E Insulated Glass, Add	*358.07*	
		For Obscure Glass, Add	*393.87*	
08 54 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,692.33	92.96
		For Colored Vinyl, Add	*150.64*	
		For Tinted Glass, Add	*180.77*	
		For Low-E Insulated Glass, Add	*376.60*	
		For Obscure Glass, Add	*414.26*	

08 54 13 00-0431 50" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,343.34	73.91
		For Colored Vinyl, Add	*119.67*	
		For Tinted Glass, Add	*143.60*	
		For Low-E Insulated Glass, Add	*299.17*	
		For Obscure Glass, Add	*329.09*	
08 54 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,470.23	80.84
		For Colored Vinyl, Add	*130.97*	
		For Tinted Glass, Add	*157.17*	
		For Low-E Insulated Glass, Add	*327.43*	
		For Obscure Glass, Add	*360.17*	
08 54 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,533.70	83.72
		For Colored Vinyl, Add	*136.63*	
		For Tinted Glass, Add	*163.95*	
		For Low-E Insulated Glass, Add	*341.57*	
		For Obscure Glass, Add	*375.72*	
08 54 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,597.11	87.18
		For Colored Vinyl, Add	*142.27*	
		For Tinted Glass, Add	*170.73*	
		For Low-E Insulated Glass, Add	*355.69*	
		For Obscure Glass, Add	*391.25*	
08 54 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,639.50	90.07
		For Colored Vinyl, Add	*146.05*	
		For Tinted Glass, Add	*175.26*	
		For Low-E Insulated Glass, Add	*365.13*	
		For Obscure Glass, Add	*401.64*	
08 54 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,724.21	94.11
		For Colored Vinyl, Add	*153.60*	
		For Tinted Glass, Add	*184.32*	
		For Low-E Insulated Glass, Add	*384.00*	
		For Obscure Glass, Add	*422.39*	

08 54 13 00-0438 52" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,369.13	75.06
		For Colored Vinyl, Add	*122.02*	
		For Tinted Glass, Add	*146.42*	
		For Low-E Insulated Glass, Add	*305.04*	
		For Obscure Glass, Add	*335.54*	
08 54 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,498.19	81.99
		For Colored Vinyl, Add	*133.54*	
		For Tinted Glass, Add	*160.24*	
		For Low-E Insulated Glass, Add	*333.84*	
		For Obscure Glass, Add	*367.22*	
08 54 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,562.58	84.88
		For Colored Vinyl, Add	*139.28*	
		For Tinted Glass, Add	*167.14*	
		For Low-E Insulated Glass, Add	*348.21*	
		For Obscure Glass, Add	*383.03*	
08 54 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,627.17	88.34
		For Colored Vinyl, Add	*145.05*	
		For Tinted Glass, Add	*174.06*	
		For Low-E Insulated Glass, Add	*362.62*	
		For Obscure Glass, Add	*398.88*	
08 54 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,670.12	91.23
		For Colored Vinyl, Add	*148.88*	
		For Tinted Glass, Add	*178.66*	
		For Low-E Insulated Glass, Add	*372.21*	
		For Obscure Glass, Add	*409.43*	
08 54 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,756.15	95.27
		For Colored Vinyl, Add	*156.56*	
		For Tinted Glass, Add	*187.87*	
		For Low-E Insulated Glass, Add	*391.41*	
		For Obscure Glass, Add	*430.55*	
08 54 13 00-0445		54" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,394.98	76.21
		For Colored Vinyl, Add	*124.37*	
		For Tinted Glass, Add	*149.25*	
		For Low-E Insulated Glass, Add	*310.93*	
		For Obscure Glass, Add	*342.02*	
08 54 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,525.93	83.14
		For Colored Vinyl, Add	*136.08*	
		For Tinted Glass, Add	*163.30*	
		For Low-E Insulated Glass, Add	*340.20*	
		For Obscure Glass, Add	*374.22*	
08 54 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,591.44	86.03
		For Colored Vinyl, Add	*141.94*	
		For Tinted Glass, Add	*170.33*	
		For Low-E Insulated Glass, Add	*354.85*	
		For Obscure Glass, Add	*390.33*	
08 54 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,657.02	89.49
		For Colored Vinyl, Add	*147.80*	
		For Tinted Glass, Add	*177.36*	
		For Low-E Insulated Glass, Add	*369.51*	
		For Obscure Glass, Add	*406.46*	
08 54 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,700.66	92.38
		For Colored Vinyl, Add	*151.71*	
		For Tinted Glass, Add	*182.05*	
		For Low-E Insulated Glass, Add	*379.27*	
		For Obscure Glass, Add	*417.19*	
08 54 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,787.97	96.42
		For Colored Vinyl, Add	*159.51*	
		For Tinted Glass, Add	*191.41*	
		For Low-E Insulated Glass, Add	*398.78*	
		For Obscure Glass, Add	*438.66*	
08 54 13 00-0452		60" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,534.41	79.68
		For Colored Vinyl, Add	*137.62*	
		For Tinted Glass, Add	*165.15*	
		For Low-E Insulated Glass, Add	*344.05*	
		For Obscure Glass, Add	*378.46*	
08 54 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,609.52	86.60
		For Colored Vinyl, Add	*143.75*	
		For Tinted Glass, Add	*172.50*	
		For Low-E Insulated Glass, Add	*359.37*	
		For Obscure Glass, Add	*395.30*	
08 54 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,678.11	89.49
		For Colored Vinyl, Add	*149.91*	
		For Tinted Glass, Add	*179.89*	
		For Low-E Insulated Glass, Add	*374.78*	
		For Obscure Glass, Add	*412.26*	
08 54 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,746.63	92.96
		For Colored Vinyl, Add	*156.07*	
		For Tinted Glass, Add	*187.29*	
		For Low-E Insulated Glass, Add	*390.18*	
		For Obscure Glass, Add	*429.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,792.38	95.85
		For Colored Vinyl, Add	*160.19*	
		For Tinted Glass, Add	*192.22*	
		For Low-E Insulated Glass, Add	*400.46*	
		For Obscure Glass, Add	*440.51*	
08 54 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,883.75	99.89
		For Colored Vinyl, Add	*168.40*	
		For Tinted Glass, Add	*202.08*	
		For Low-E Insulated Glass, Add	*420.99*	
		For Obscure Glass, Add	*463.09*	

08 54 13 00-0459 Replacement, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Fiberglass Window	1,704.18	60.63
		For Colored Vinyl, Add	*158.29*	
		For Tinted Glass, Add	*189.95*	
		For Low-E Insulated Glass, Add	*395.73*	
		For Obscure Glass, Add	*435.31*	
08 54 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Fiberglass Window	1,874.51	66.40
		For Colored Vinyl, Add	*174.17*	
		For Tinted Glass, Add	*209.01*	
		For Low-E Insulated Glass, Add	*435.43*	
		For Obscure Glass, Add	*478.97*	
08 54 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Fiberglass Window	2,030.89	72.17
		For Colored Vinyl, Add	*188.66*	
		For Tinted Glass, Add	*226.39*	
		For Low-E Insulated Glass, Add	*471.64*	
		For Obscure Glass, Add	*518.80*	
08 54 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Fiberglass Window	2,134.10	77.95
		For Colored Vinyl, Add	*197.82*	
		For Tinted Glass, Add	*237.38*	
		For Low-E Insulated Glass, Add	*494.55*	
		For Obscure Glass, Add	*544.01*	
08 54 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Fiberglass Window	2,244.93	83.72
		For Colored Vinyl, Add	*207.75*	
		For Tinted Glass, Add	*249.30*	
		For Low-E Insulated Glass, Add	*519.37*	
		For Obscure Glass, Add	*571.31*	
08 54 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Fiberglass Window	2,445.33	89.49
		For Colored Vinyl, Add	*226.63*	
		For Tinted Glass, Add	*271.96*	
		For Low-E Insulated Glass, Add	*566.59*	
		For Obscure Glass, Add	*623.24*	
08 54 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Fiberglass Window	20.43	0.75
		For Colored Vinyl, Add	*1.89*	
		For Tinted Glass, Add	*2.27*	
		For Low-E Insulated Glass, Add	*4.73*	
		For Obscure Glass, Add	*5.20*	

08 54 13 00-0467 Basement Fiberglass Windows *(08 54 13)*

08 54 13 00-0468 New Construction, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0469	EA	32" x 15", New Construction, Basement Fiberglass Window	931.77	46.19
		For Colored Vinyl, Add	*83.94*	
		For Tinted Glass, Add	*100.73*	
		For Low-E Insulated Glass, Add	*209.85*	
		For Obscure Glass, Add	*230.83*	
08 54 13 00-0470	EA	32" x 20", New Construction, Basement Fiberglass Window	1,029.73	46.19
		For Colored Vinyl, Add	*93.74*	
		For Tinted Glass, Add	*112.48*	
		For Low-E Insulated Glass, Add	*234.34*	
		For Obscure Glass, Add	*257.77*	
08 54 13 00-0471	EA	32" x 23", New Construction, Basement Fiberglass Window	1,085.65	46.19
		For Colored Vinyl, Add	*99.33*	
		For Tinted Glass, Add	*119.19*	
		For Low-E Insulated Glass, Add	*248.32*	
		For Obscure Glass, Add	*273.15*	

08 54 13 00-0472 Replacement, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0473	EA	Up To 47" UI, Replacement, Basement Fiberglass Window	1,279.19	45.04
		For Colored Vinyl, Add	*118.91*	
		For Tinted Glass, Add	*142.69*	
		For Low-E Insulated Glass, Add	*297.28*	
		For Obscure Glass, Add	*327.01*	
08 54 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Fiberglass Window	1,411.96	51.97
		For Colored Vinyl, Add	*130.80*	
		For Tinted Glass, Add	*156.96*	
		For Low-E Insulated Glass, Add	*327.01*	
		For Obscure Glass, Add	*359.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0475	UI	>55" UI, Replacement, Basement Fiberglass Window	25.26	0.75
		For Colored Vinyl, Add	*2.38*	
		For Tinted Glass, Add	*2.85*	
		For Low-E Insulated Glass, Add	*5.94*	
		For Obscure Glass, Add	*6.53*	

08 54 66 Fiberglass Window Screens *(08 54)*

08 54 66 00-0001 Insect Screens For Fiberglass Windows *(08 54 66)*

08 54 66 00-0002	EA	Up To 6 SF, Insect Screen For Fiberglass Windows	71.72	10.48
08 54 66 00-0003	EA	>6 To 9 SF, Insect Screen For Fiberglass Windows	102.19	10.48
08 54 66 00-0004	EA	>9 To 12 SF, Insect Screen For Fiberglass Windows	112.34	10.48
08 54 66 00-0005	EA	>12 To 15 SF, Insect Screen For Fiberglass Windows	132.65	10.48
08 54 66 00-0006	EA	>15 To 20 SF, Insect Screen For Fiberglass Windows	178.35	10.48
08 54 66 00-0007	EA	>20 To 25 SF, Insect Screen For Fiberglass Windows	198.66	10.48
08 54 66 00-0008	EA	>25 To 30 SF, Insect Screen For Fiberglass Windows	229.13	10.48
08 54 66 00-0009	EA	>30 To 35 SF, Insect Screen For Fiberglass Windows	249.44	10.48
08 54 66 00-0010	SF	>35 SF, Insect Screen For Fiberglass Windows	7.63	0.21

08 54 66 00-0011 Factory Installed Grilles For Fiberglass Windows *(08 54 66)*

08 54 66 00-0012 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0013	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	78.19	
08 54 66 00-0014	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	100.53	
08 54 66 00-0015	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	129.48	
08 54 66 00-0016	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	152.83	
08 54 66 00-0017	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	187.87	

08 54 66 00-0018 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0019	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	177.71	
08 54 66 00-0020	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	213.25	
08 54 66 00-0021	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	269.11	
08 54 66 00-0022	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	335.11	
08 54 66 00-0023	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	401.12	

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,843.17	689.63
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,336.66	747.10
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,611.71	804.57
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	7,025.30	919.51
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	9,473.45	1,379.26
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 49 Radiation Shielding Windows *(08 56)*

08 56 49 00-0001 Lead Lined Window Frames *(08 56 49)*

08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	53.23	8.66
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	60.16	8.66

08 56 56 Security Window Screens *(08 56)*

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	39.03	5.17
		For Painted Steel, Add	*3.21*	
		For Galvanized Steel, Add	*6.43*	
		For Aluminum, Add	*12.86*	
		For Stainless Steel, Add	*56.25*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	39.95	5.17
		For Painted Steel, Add	*3.31*	
		For Galvanized Steel, Add	*6.61*	
		For Aluminum, Add	*13.22*	
		For Stainless Steel, Add	*57.86*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	44.19	5.17
		For Painted Steel, Add	*3.73*	
		For Galvanized Steel, Add	*7.46*	
		For Aluminum, Add	*14.92*	
		For Stainless Steel, Add	*65.28*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	53.25	5.17
		For Painted Steel, Add	*4.64*	
		For Galvanized Steel, Add	*9.27*	
		For Aluminum, Add	*18.54*	
		For Stainless Steel, Add	*81.13*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	54.98	6.33
		For Painted Steel, Add	*4.58*	
		For Galvanized Steel, Add	*9.16*	
		For Aluminum, Add	*18.31*	
		For Stainless Steel, Add	*80.12*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	56.38	6.33
		For Painted Steel, Add	*4.72*	
		For Galvanized Steel, Add	*9.44*	
		For Aluminum, Add	*18.87*	
		For Stainless Steel, Add	*82.57*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	62.46	6.33
		For Painted Steel, Add	*5.33*	
		For Galvanized Steel, Add	*10.65*	
		For Aluminum, Add	*21.30*	
		For Stainless Steel, Add	*93.21*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	75.17	6.33
		For Painted Steel, Add	*6.60*	
		For Galvanized Steel, Add	*13.19*	
		For Aluminum, Add	*26.39*	
		For Stainless Steel, Add	*115.45*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	24.92	3.45
		For Painted Steel, Add	*0.96*	
		For Galvanized Steel, Add	*2.88*	
		For Aluminum, Add	*5.75*	
		For Stainless Steel, Add	*23.96*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	26.21	3.45
		For Painted Steel, Add	*1.02*	
		For Galvanized Steel, Add	*3.07*	
		For Aluminum, Add	*6.14*	
		For Stainless Steel, Add	*25.58*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	28.23	3.45
		For Painted Steel, Add	*1.12*	
		For Galvanized Steel, Add	*3.37*	
		For Aluminum, Add	*6.74*	
		For Stainless Steel, Add	*28.10*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	32.10	3.45
		For Painted Steel, Add	*1.32*	
		For Galvanized Steel, Add	*3.95*	
		For Aluminum, Add	*7.91*	
		For Stainless Steel, Add	*32.94*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	34.20	4.60
		For Painted Steel, Add	*1.37*	
		For Galvanized Steel, Add	*4.10*	
		For Aluminum, Add	*8.19*	
		For Stainless Steel, Add	*34.14*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	36.19	4.60
		For Painted Steel, Add	*1.47*	
		For Galvanized Steel, Add	*4.40*	
		For Aluminum, Add	*8.79*	
		For Stainless Steel, Add	*36.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	38.95	4.60
		For Painted Steel, Add	*1.60*	
		For Galvanized Steel, Add	*4.81*	
		For Aluminum, Add	*9.62*	
		For Stainless Steel, Add	*40.08*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	44.48	4.60
		For Painted Steel, Add	*1.88*	
		For Galvanized Steel, Add	*5.64*	
		For Aluminum, Add	*11.28*	
		For Stainless Steel, Add	*46.99*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	47.76	8.62
		For Painted Steel, Add	*1.87*	
		For Galvanized Steel, Add	*5.61*	
		For Aluminum, Add	*11.22*	
		For Stainless Steel, Add	*46.76*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	55.39	10.35
		For Painted Steel, Add	*2.14*	
		For Galvanized Steel, Add	*6.41*	
		For Aluminum, Add	*12.83*	
		For Stainless Steel, Add	*53.44*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	61.57	12.64
		For Painted Steel, Add	*2.33*	
		For Galvanized Steel, Add	*6.99*	
		For Aluminum, Add	*13.99*	
		For Stainless Steel, Add	*58.28*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	71.65	14.95
		For Painted Steel, Add	*2.66*	
		For Galvanized Steel, Add	*7.99*	
		For Aluminum, Add	*15.98*	
		For Stainless Steel, Add	*66.58*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	66.63	14.37
		For Painted Steel, Add	*2.47*	
		For Galvanized Steel, Add	*7.41*	
		For Aluminum, Add	*14.82*	
		For Stainless Steel, Add	*61.74*	
08 56 56 00-0030	SF	3 Lb./SF, Expanded Metal, Inoperable, Steel Security Window Screen	83.94	18.39
		For Painted Steel, Add	*3.11*	
		For Galvanized Steel, Add	*9.32*	
		For Aluminum, Add	*18.63*	
		For Stainless Steel, Add	*77.63*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	40.59	10.35
		For Painted Steel, Add	*1.40*	
		For Galvanized Steel, Add	*4.19*	
		For Aluminum, Add	*8.39*	
		For Stainless Steel, Add	*34.94*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	75.95	12.64
		For Painted Steel, Add	*3.05*	
		For Galvanized Steel, Add	*9.15*	
		For Aluminum, Add	*18.30*	
		For Stainless Steel, Add	*76.25*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	83.77	14.37
		For Painted Steel, Add	*3.33*	
		For Galvanized Steel, Add	*9.98*	
		For Aluminum, Add	*19.96*	
		For Stainless Steel, Add	*83.16*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	89.93	16.09
		For Painted Steel, Add	*3.52*	
		For Galvanized Steel, Add	*10.56*	
		For Aluminum, Add	*21.12*	
		For Stainless Steel, Add	*88.00*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	97.73	18.39
		For Painted Steel, Add	*3.79*	
		For Galvanized Steel, Add	*11.38*	
		For Aluminum, Add	*22.77*	
		For Stainless Steel, Add	*94.86*	
08 56 56 00-0037	SF	3 Lb./SF, Expanded Metal, Operable, Steel Security Window Screen	112.58	20.11
		For Painted Steel, Add	*4.42*	
		For Galvanized Steel, Add	*13.27*	
		For Aluminum, Add	*26.54*	
		For Stainless Steel, Add	*110.56*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	44.11	5.17
		For Painted Steel, Add	*1.86*	
		For Galvanized Steel, Add	*5.58*	
		For Aluminum, Add	*11.17*	
		For Stainless Steel, Add	*37.22*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	45.59	5.17
		For Painted Steel, Add	*1.94*	
		For Galvanized Steel, Add	*5.81*	
		For Aluminum, Add	*11.61*	
		For Stainless Steel, Add	*38.70*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	50.56	5.17
		For Painted Steel, Add	*2.18*	
		For Galvanized Steel, Add	*6.55*	
		For Aluminum, Add	*13.10*	
		For Stainless Steel, Add	*43.67*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	59.96	5.17
		For Painted Steel, Add	*2.65*	
		For Galvanized Steel, Add	*7.96*	
		For Aluminum, Add	*15.92*	
		For Stainless Steel, Add	*53.07*	
08 56 56 00-0044		**Perforated Metal, Operable, Steel Security Window Screen** *(08 56 56 00-0038)*		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	62.09	6.33
		For Painted Steel, Add	*2.64*	
		For Galvanized Steel, Add	*7.93*	
		For Aluminum, Add	*15.87*	
		For Stainless Steel, Add	*52.89*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	64.67	6.33
		For Painted Steel, Add	*2.77*	
		For Galvanized Steel, Add	*8.32*	
		For Aluminum, Add	*16.64*	
		For Stainless Steel, Add	*55.47*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	71.12	6.33
		For Painted Steel, Add	*3.10*	
		For Galvanized Steel, Add	*9.29*	
		For Aluminum, Add	*18.58*	
		For Stainless Steel, Add	*61.92*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	84.57	6.33
		For Painted Steel, Add	*3.77*	
		For Galvanized Steel, Add	*11.31*	
		For Aluminum, Add	*22.61*	
		For Stainless Steel, Add	*75.37*	
08 56 56 00-0049		**Removal And Reinstallation Of Security Screens And Guards** *(08 56 56)*		
		Note: Includes storage, cleaning and supply materials.		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	14.48	

08 56 59 Service and Teller Window Units *(08 56)*

08 56 59 00-0001		**Communicator For Window** *(08 56 59)*		
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,713.11	229.88
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,360.16	229.88
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	2,140.59	229.88
08 56 59 00-0005		**Speak-Thru Communicator For Window** *(08 56 59)*		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	154.68	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	231.12	
08 56 59 00-0008		**Counter Drop-In Deal Tray** *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	440.85	43.62

08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,416.59	231.39
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,064.26*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,494.55	237.17
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,065.42*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,570.30	242.96
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,066.57*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,677.02	248.74
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,067.73*	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,770.47	254.54
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,068.89*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,846.22	260.32
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,070.04*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,921.96	266.11
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,071.20*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,046.40	271.89
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,072.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,122.14	277.67
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,073.51*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,200.10	283.46
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,074.67*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,275.85	289.24
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,075.83*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,400.29	295.03
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,076.99*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,476.03	300.81
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,078.14*	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,551.78	306.60
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,079.30*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,627.52	312.38
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,080.46*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,715.35	231.39
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,064.26*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,822.08	237.17
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,065.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,928.81	242.96
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,066.57*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,035.53	248.74
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,067.73*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,208.64	254.54
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,068.89*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,315.37	260.32
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,070.04*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,422.10	266.11
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,071.20*	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,595.22	271.89
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,072.36*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,701.95	277.67
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,073.51*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,808.68	283.46
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,074.67*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,915.41	289.24
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,075.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,088.54	295.03
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,076.99*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,195.26	300.81
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,078.14*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,301.99	306.60
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,079.30*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,408.71	312.38
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,080.46*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,288.82	260.32
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,070.04*	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,437.59	266.11
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,071.20*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,588.58	271.89
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,072.36*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,737.36	277.67
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,073.51*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,974.65	283.46
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,074.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,123.43	289.24
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,075.83*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,272.22	295.03
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,076.99*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,511.72	300.81
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,078.14*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,660.49	306.60
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,079.30*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,809.27	312.38
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,080.46*	
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,958.04	318.17
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,081.61*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,195.34	323.95
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,082.77*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,344.11	329.73
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,083.93*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,495.10	335.52
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,085.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,643.88	341.30
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,086.24*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	942.77	156.19
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,125.62	167.76
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,495.79	185.11
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,674.75	196.68
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,184.29	167.76
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,456.63	185.11
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,577.20	196.68
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,779.70	208.25
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,052.32	225.60
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,483.81	196.68
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,600.61	202.47
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,787.65	208.25
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,927.85	214.04
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,122.42	231.39
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,363.94	242.96
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,740.82	208.25
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,888.69	219.82
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,114.75	225.60
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,239.34	237.17
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,558.92	248.74

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,137.89	156.19
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,316.84	167.76
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,647.98	185.11
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,830.84	196.68
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,324.78	167.76
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,565.90	185.11
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,694.26	196.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,912.38	208.25
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,130.36	225.60
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,593.08	196.68
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,725.48	202.47
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,853.98	208.25
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,002.00	214.04
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,161.44	231.39
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,406.87	242.96
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,869.59	208.25
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,029.18	219.82
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,196.70	225.60
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,329.10	237.17
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,617.46	248.74

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,153.50	156.19
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,348.05	167.76
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,690.91	185.11
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,363.80	167.76
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,620.53	185.11
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,737.19	196.68
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,959.21	208.25
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,628.20	196.68
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,756.70	202.47
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,904.71	208.25
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,052.73	214.04
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,223.88	231.39
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,916.42	208.25
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,091.61	219.82
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,259.14	225.60
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,391.53	237.17

08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,180.81	156.19
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,390.98	167.76
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,729.93	185.11
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,971.33	196.68
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,402.82	167.76
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,655.65	185.11
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,776.21	196.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,017.74	208.25
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,671.12	196.68
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,799.63	202.47
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,959.35	208.25
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,111.26	214.04
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,286.32	231.39
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,974.96	208.25
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,150.15	219.82
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,321.58	225.60
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,461.78	237.17

08 63 13 00-0081 Curb Top Inserts *(08 63 13 00-0003)*

Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb and flashing.

08 63 13 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	311.06	75.20
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	404.16	86.78
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	639.21	115.70
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	590.37	104.13
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	701.17	115.70

08 63 13 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	401.79	75.20
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	578.99	86.78
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	955.67	115.70
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	926.75	104.13
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	1,139.34	115.70

08 63 13 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	490.31	75.20
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	744.97	86.78
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,345.15	115.70
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,240.99	104.13
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,546.54	115.70

08 63 13 00-0100 Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0101 Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	872.53	156.19
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,075.03	167.76
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,374.55	196.68
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,697.89	208.25

08 63 13 00-0106 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,176.91	156.19
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,387.21	167.76
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,659.42	196.68
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,959.35	208.25

08 63 13 00-0111 Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0112		**Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,016.92	156.19
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,378.73	185.11
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,612.32	196.68
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,308.35	185.11
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,425.01	196.68
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,693.85	208.25
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,970.37	225.60
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,495.25	202.47
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,635.46	208.25
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,787.37	214.04
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,950.72	231.39
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,278.09	242.96
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,845.77	219.82
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,056.22	225.60
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,200.32	237.17
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,516.00	248.74
08 63 13 00-0129		**Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,149.59	156.19
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,336.35	167.76
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,667.50	185.11
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,352.09	167.76
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,488.26	179.33
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,597.12	185.11
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,713.78	196.68
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,939.70	208.25
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,612.59	202.47
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,741.09	202.47
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,881.30	208.25
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,025.41	214.04
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,192.66	231.39
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,889.11	208.25
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,064.30	219.82
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,227.92	225.60
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,356.41	237.17
08 63 13 00-0147		**Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,324.64	167.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,718.23	185.11
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,640.04	185.11
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,764.51	196.68
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,002.13	208.25
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,787.92	202.47
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,939.84	208.25
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,095.65	214.04
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,255.10	231.39
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,134.54	219.82
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,305.97	225.60
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,442.26	237.17

08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*

Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. Excludes roof curb and flashing.

08 63 13 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*

08 63 13 00-0163 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*

08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,252.07	231.39
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,873.82	219.82
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,513.52	231.39

08 63 13 00-0167 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*

08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,809.08	231.39
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,446.44	219.82
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,164.19	231.39

08 63 13 00-0171 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*

08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,257.85	231.39
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,887.40	219.82
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,605.15	231.39

08 63 13 00-0175 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*

08 63 13 00-0176 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*

08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,275.48	231.39
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,897.23	219.82
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,548.64	231.39

08 63 13 00-0180 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*

08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,840.30	231.39
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,469.86	219.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,203.22	231.39
08 63 13 00-0184		30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,281.26	231.39
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,910.82	219.82
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,644.18	231.39

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001 Wood-Framed Skylights (Andersen 400 Series) *(08 66)*

08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	750.69	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	769.55	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	724.77	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	783.69	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	833.19	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	913.34	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,014.70	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	724.77	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	844.98	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	913.34	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	991.12	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,094.84	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	750.69	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	783.69	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	844.98	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,061.84	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	769.55	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	833.19	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	913.34	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,061.84	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	913.34	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	991.12	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,014.70	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,094.84	144.34
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	89.54	8.08
		For Clear Coated Bright Brass, Add	*6.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	98.27	11.55
		For Clear Coated Bright Brass, Add	*7.29*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	109.55	12.71
		For Clear Coated Bright Brass, Add	*6.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	103.62	8.08
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	117.78	11.55
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	119.04	12.71
		For Clear Coated Bright Brass, Add	*7.43*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	139.07	15.01
		For Clear Coated Bright Brass, Add	*8.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	140.01	15.01
		For Clear Coated Bright Brass, Add	*8.82*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	150.82	19.28
		For Clear Coated Bright Brass, Add	*10.34*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	118.09	8.08
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	132.24	11.55
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	134.77	12.71
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	156.42	15.01

08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	150.61	12.71
		For Clear Coated Bright Brass, Add	*11.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	170.90	15.01
		For Clear Coated Bright Brass, Add	*13.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	190.78	15.01
		For Clear Coated Bright Brass, Add	*15.93*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into mortised edge of the door and surface applied to the face of the frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	154.54	12.71
		For Clear Coated Bright Brass, Add	*12.40*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	182.09	15.01
		For Clear Coated Bright Brass, Add	*14.71*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0026		**Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge** *(08 71 11 00-0002)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	149.78	12.71
		For Clear Coated Bright Brass, Add	*11.73*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	173.07	19.28
		For Clear Coated Bright Brass, Add	*13.45*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	207.22	19.28
		For Clear Coated Bright Brass, Add	*18.23*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0030		**Mortised, Wrought Steel Hinges** *(08 71 11 00-0001)*		
		Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 11 00-0031		**Full Mortise, Plain Bearing, Wrought Steel Hinges** *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	60.46	8.08
		For Primed For Paint Finish, Deduct	*-3.38*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.11*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.03*	
		For Stainless Steel, Add	*9.28*	
		For Heavy-Duty, Add	*2.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	76.37	11.55
		For Primed For Paint Finish, Deduct	*-3.73*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.33*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.24*	
		For Stainless Steel, Add	*10.25*	
		For Heavy-Duty, Add	*2.79*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	88.70	12.71
		For Primed For Paint Finish, Deduct	*-4.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.84*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.73*	
		For Stainless Steel, Add	*12.49*	
		For Heavy-Duty, Add	*3.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0035		**Full Mortise, Ball Bearing, Wrought Steel Hinges** *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	105.12	8.08
		For Primed For Paint Finish, Deduct	*-12.31*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.69*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.38*	
		For Stainless Steel, Add	*33.85*	
		For Heavy-Duty, Add	*9.23*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	127.43	11.55
		For Primed For Paint Finish, Deduct	*-13.94*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.71*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.36*	
		For Stainless Steel, Add	*38.33*	
		For Heavy-Duty, Add	*10.45*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	102.56	12.71
		For Primed For Paint Finish, Deduct	*-7.31*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.57*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.39*	
		For Stainless Steel, Add	*20.11*	
		For Heavy-Duty, Add	*5.49*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	178.88	15.01
		For Primed For Paint Finish, Deduct	*-20.38*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.74*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.23*	
		For Stainless Steel, Add	*56.04*	
		For Heavy-Duty, Add	*15.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	193.26	15.01
		For Primed For Paint Finish, Deduct	*-23.25*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*14.53*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.95*	
		For Stainless Steel, Add	*63.95*	
		For Heavy-Duty, Add	*17.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	237.10	15.01
		For Primed For Paint Finish, Deduct	*-32.02*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*20.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-19.21*	
		For Stainless Steel, Add	*88.06*	
		For Heavy-Duty, Add	*24.02*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	130.91	8.08
		For Primed For Paint Finish, Deduct	*-17.47*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.92*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.48*	
		For Stainless Steel, Add	*48.03*	
		For Heavy-Duty, Add	*13.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	156.72	11.55
		For Primed For Paint Finish, Deduct	*-19.80*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.37*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.88*	
		For Stainless Steel, Add	*54.44*	
		For Heavy-Duty, Add	*14.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	176.61	12.71
		For Primed For Paint Finish, Deduct	*-22.12*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.83*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.27*	
		For Stainless Steel, Add	*60.84*	
		For Heavy-Duty, Add	*16.59*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	199.26	15.01
		For Primed For Paint Finish, Deduct	*-24.45*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.28*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.67*	
		For Stainless Steel, Add	*67.25*	
		For Heavy-Duty, Add	*18.34*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	182.92	12.71
		For Primed For Paint Finish, Deduct	*-25.04*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.65*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-15.02*	
		For Stainless Steel, Add	*68.85*	
		For Heavy-Duty, Add	*18.78*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	204.50	12.71
		For Primed For Paint Finish, Deduct	*-27.70*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*17.31*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-16.62*	
		For Stainless Steel, Add	*76.18*	
		For Heavy-Duty, Add	*20.78*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	237.10	15.01
		For Primed For Paint Finish, Deduct	*-32.02*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*20.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-19.21*	
		For Stainless Steel, Add	*88.06*	
		For Heavy-Duty, Add	*24.02*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

08 71 11 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	141.52	12.71
		For Primed For Paint Finish, Deduct	*-15.11*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.44*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.06*	
		For Stainless Steel, Add	*41.54*	
		For Heavy-Duty, Add	*11.33*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0053 Blank Butt Hinges *(08 71 11 00-0030)*

08 71 11 00-0054	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	30.27	5.19
		For Primed For Paint Finish, Deduct	*-1.92*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.20*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.15*	
		For Stainless Steel, Add	*5.29*	
		For Heavy-Duty, Add	*1.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0055		Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	115.72	8.08
		For Primed For Paint Finish, Deduct	*-14.43*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.02*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.66*	
		For Stainless Steel, Add	*39.68*	
08 71 11 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	152.10	11.55
		For Primed For Paint Finish, Deduct	*-18.87*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*11.80*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.32*	
		For Stainless Steel, Add	*51.90*	
08 71 11 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	204.79	12.71
		For Primed For Paint Finish, Deduct	*-27.76*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*17.35*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-16.66*	
		For Stainless Steel, Add	*76.34*	
08 71 11 00-0059		Offset And Pivot Hinges *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0060		Offset Swing Clear Hinges *(08 71 11 00-0059)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges	170.25	3.60
08 71 11 00-0062		Offset Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0063		3/4" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0064		3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0065		Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0066		200 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0067	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	156.24	11.55
08 71 11 00-0068	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	210.72	11.55
08 71 11 00-0069	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.99	11.55
08 71 11 00-0070	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.99	11.55
08 71 11 00-0071	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.99	11.55
08 71 11 00-0072	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.99	11.55
08 71 11 00-0073	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.99	11.55
08 71 11 00-0074	EA	Painted Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	171.98	11.55
08 71 11 00-0075	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	219.21	11.55
08 71 11 00-0076	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.67	11.55
08 71 11 00-0077	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.67	11.55
08 71 11 00-0078	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.67	11.55
08 71 11 00-0079	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.67	11.55
08 71 11 00-0080	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.67	11.55
08 71 11 00-0081	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	156.24	11.55
08 71 11 00-0082	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	210.72	11.55
08 71 11 00-0083	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.99	11.55
08 71 11 00-0084	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.99	11.55
08 71 11 00-0085	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.99	11.55
08 71 11 00-0086	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.99	11.55
08 71 11 00-0087	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.99	11.55
08 71 11 00-0088		500 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0089	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	162.02	14.43
08 71 11 00-0090	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	216.50	14.43
08 71 11 00-0091	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.77	14.43
08 71 11 00-0092	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.77	14.43
08 71 11 00-0093	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.77	14.43
08 71 11 00-0094	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.77	14.43
08 71 11 00-0095	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.77	14.43
08 71 11 00-0096		600 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0097	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	162.02	14.43
08 71 11 00-0098	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	216.50	14.43
08 71 11 00-0099	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.77	14.43
08 71 11 00-0100	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.77	14.43
08 71 11 00-0101	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.77	14.43
08 71 11 00-0102	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.77	14.43
08 71 11 00-0103	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.77	14.43
08 71 11 00-0104		700 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0105	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	162.02	14.43
08 71 11 00-0106	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	216.50	14.43
08 71 11 00-0107	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.77	14.43
08 71 11 00-0108	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.77	14.43

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0109	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.77	14.43
08 71 11 00-0110	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.77	14.43
08 71 11 00-0111	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.77	14.43
08 71 11 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0113		200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0114	EA	Painted Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	194.97	11.55
08 71 11 00-0115	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	240.99	11.55
08 71 11 00-0116	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.67	11.55
08 71 11 00-0117	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.67	11.55
08 71 11 00-0118	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.67	11.55
08 71 11 00-0119	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.67	11.55
08 71 11 00-0120	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.67	11.55
08 71 11 00-0121		500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0122	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	216.50	14.43
08 71 11 00-0123	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	231.02	14.43
08 71 11 00-0124	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.45	14.43
08 71 11 00-0125	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.45	14.43
08 71 11 00-0126	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.45	14.43
08 71 11 00-0127	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.45	14.43
08 71 11 00-0128	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.45	14.43
08 71 11 00-0129		600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0130	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	216.50	14.43
08 71 11 00-0131	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	231.02	14.43
08 71 11 00-0132	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.45	14.43
08 71 11 00-0133	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.45	14.43
08 71 11 00-0134	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.45	14.43
08 71 11 00-0135	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.45	14.43
08 71 11 00-0136	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.45	14.43
08 71 11 00-0137		700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0138	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	216.50	14.43
08 71 11 00-0139	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	231.02	14.43
08 71 11 00-0140	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.45	14.43
08 71 11 00-0141	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.45	14.43
08 71 11 00-0142	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.45	14.43
08 71 11 00-0143	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.45	14.43
08 71 11 00-0144	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.45	14.43
08 71 11 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0146		200 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0147	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	171.98	11.55
08 71 11 00-0148	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	219.21	11.55
08 71 11 00-0149	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.67	11.55
08 71 11 00-0150	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.67	11.55
08 71 11 00-0151	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.67	11.55
08 71 11 00-0152	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	312.51	11.55
08 71 11 00-0153	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.67	11.55
08 71 11 00-0154	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	171.98	11.55
08 71 11 00-0155	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	219.21	11.55
08 71 11 00-0156	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.67	11.55
08 71 11 00-0157	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.67	11.55
08 71 11 00-0158	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.67	11.55
08 71 11 00-0159	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.67	11.55
08 71 11 00-0160	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.67	11.55
08 71 11 00-0161	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.99	11.55
08 71 11 00-0162	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	203.47	11.55
08 71 11 00-0163	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.93	11.55
08 71 11 00-0164	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.93	11.55
08 71 11 00-0165	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.93	11.55
08 71 11 00-0166	EA	Dark Bronze Finish, 200 Lb. Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.93	11.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0167	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.93	11.55
08 71 11 00-0168		500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0169	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	262.51	14.43
08 71 11 00-0170	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.45	14.43
08 71 11 00-0171	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.45	14.43
08 71 11 00-0172	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.45	14.43
08 71 11 00-0173	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.45	14.43
08 71 11 00-0174	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.45	14.43
08 71 11 00-0175	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	284.29	14.43
08 71 11 00-0176		600 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0177	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	224.99	14.43
08 71 11 00-0178	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.77	14.43
08 71 11 00-0179	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.51	14.43
08 71 11 00-0180	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.51	14.43
08 71 11 00-0181	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.51	14.43
08 71 11 00-0182	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.51	14.43
08 71 11 00-0183	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.51	14.43
08 71 11 00-0184		700 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0185	EA	Painted Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	520.34	14.43
08 71 11 00-0186	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	559.07	14.43
08 71 11 00-0187	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.83	14.43
08 71 11 00-0188	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.83	14.43
08 71 11 00-0189	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.83	14.43
08 71 11 00-0190	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.83	14.43
08 71 11 00-0191	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.83	14.43
08 71 11 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0194		500 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0195	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	308.52	14.43
08 71 11 00-0196	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	365.39	14.43
08 71 11 00-0197	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.40	14.43
08 71 11 00-0198	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.40	14.43
08 71 11 00-0199	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.40	14.43
08 71 11 00-0200		600 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0201	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	308.52	14.43
08 71 11 00-0202	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	365.39	14.43
08 71 11 00-0203	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.40	14.43
08 71 11 00-0204	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.40	14.43
08 71 11 00-0205	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.40	14.43
08 71 11 00-0206		700 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0207	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	308.52	14.43
08 71 11 00-0208	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	365.39	14.43
08 71 11 00-0209	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.40	14.43
08 71 11 00-0210	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.40	14.43
08 71 11 00-0211	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.40	14.43
08 71 11 00-0212		1,000 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0213	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	323.96	17.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0214	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	371.17	17.32
08 71 11 00-0215	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.97	17.32
08 71 11 00-0216	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.97	17.32
08 71 11 00-0217	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.97	17.32
08 71 11 00-0218		1,750 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0219	EA	Painted Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	323.96	17.32
08 71 11 00-0220	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	371.17	17.32
08 71 11 00-0221	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.97	17.32
08 71 11 00-0222	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.97	17.32
08 71 11 00-0223	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.97	17.32
08 71 11 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0225		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0226	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	318.18	14.43
08 71 11 00-0227	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	371.45	14.43
08 71 11 00-0228	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	387.19	14.43
08 71 11 00-0229	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	387.19	14.43
08 71 11 00-0230	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	387.19	14.43
08 71 11 00-0231		600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0232	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	318.18	14.43
08 71 11 00-0233	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	371.45	14.43
08 71 11 00-0234	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	387.19	14.43
08 71 11 00-0235	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	387.19	14.43
08 71 11 00-0236	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	387.19	14.43
08 71 11 00-0237		700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0238	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	318.18	14.43
08 71 11 00-0239	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	371.45	14.43
08 71 11 00-0240	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	387.19	14.43
08 71 11 00-0241	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	387.19	14.43
08 71 11 00-0242	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	387.19	14.43
08 71 11 00-0243		1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0244	EA	Painted Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	355.45	17.32
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	409.91	17.32
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	424.43	17.32
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	424.43	17.32
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	424.43	17.32

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0249		1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0250	EA	Painted Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	355.45	17.32
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	409.91	17.32
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	424.43	17.32
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	424.43	17.32
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	424.43	17.32
08 71 11 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0256		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0257	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	355.73	14.43
08 71 11 00-0258	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	441.67	14.43
08 71 11 00-0259	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	474.35	14.43
08 71 11 00-0260	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	474.35	14.43
08 71 11 00-0261	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	474.35	14.43
08 71 11 00-0262		600 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0263	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	349.67	14.43
08 71 11 00-0264	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	371.45	14.43
08 71 11 00-0265	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	427.14	14.43
08 71 11 00-0266	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	427.14	14.43
08 71 11 00-0267	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	427.14	14.43
08 71 11 00-0268		1,000 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0269	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	401.44	17.32
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	447.45	17.32
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	464.39	17.32
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	464.39	17.32
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	464.39	17.32
08 71 11 00-0274		1,750 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0275	EA	Painted Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	572.13	17.32
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	610.87	17.32
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.61	17.32
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.61	17.32
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.61	17.32
08 71 11 00-0280		1-1/2" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0283		400 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0284	EA	Painted Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	365.39	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0285	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	395.66	14.43
08 71 11 00-0286	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.65	14.43
08 71 11 00-0287	EA	Bright Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.65	14.43
08 71 11 00-0288	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.65	14.43
08 71 11 00-0289		500 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0290	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	365.39	14.43
08 71 11 00-0291	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	395.66	14.43
08 71 11 00-0292	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.65	14.43
08 71 11 00-0293	EA	Bright Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.65	14.43
08 71 11 00-0294	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.65	14.43
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0296		400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0297	EA	Painted Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	379.91	14.43
08 71 11 00-0298	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	427.14	14.43
08 71 11 00-0299	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	450.14	14.43
08 71 11 00-0300	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	450.14	14.43
08 71 11 00-0301	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	450.14	14.43
08 71 11 00-0302		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0303	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	379.91	14.43
08 71 11 00-0304	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	427.14	14.43
08 71 11 00-0305	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	450.14	14.43
08 71 11 00-0306	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	450.14	14.43
08 71 11 00-0307	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	450.14	14.43
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0309		400 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0310	EA	Painted Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	371.45	14.43
08 71 11 00-0311	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	427.14	14.43
08 71 11 00-0312	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	450.14	14.43
08 71 11 00-0313	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	450.14	14.43
08 71 11 00-0314	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	450.14	14.43
08 71 11 00-0315		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0316	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	605.09	14.43
08 71 11 00-0317	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	668.03	14.43
08 71 11 00-0318	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.78	14.43
08 71 11 00-0319	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.78	14.43
08 71 11 00-0320	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.78	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0321		Center Hung Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0323		300 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0324	EA	Painted Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	187.72	11.55
08 71 11 00-0325	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0326	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0327	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0328	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0329	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0330	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.47	11.55
08 71 11 00-0331		500 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0332	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	193.50	14.43
08 71 11 00-0333	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0334	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0335	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0336	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0337	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0338	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	209.25	14.43
08 71 11 00-0339		600 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0340	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	193.50	14.43
08 71 11 00-0341	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0342	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0343	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0344	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0345	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0346	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	209.25	14.43
08 71 11 00-0347		1,000 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0348	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	308.22	17.32
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	361.51	17.32
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	417.18	17.32
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	417.18	17.32
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	417.18	17.32
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	417.18	17.32
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	417.18	17.32
08 71 11 00-0355		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0356		300 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0357	EA	Painted Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	141.71	11.55
08 71 11 00-0358	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	164.73	11.55
08 71 11 00-0359	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.72	11.55
08 71 11 00-0360	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.72	11.55
08 71 11 00-0361	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.72	11.55
08 71 11 00-0362	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.72	11.55
08 71 11 00-0363	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.72	11.55
08 71 11 00-0364		500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0365	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	209.25	14.43
08 71 11 00-0366	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0367	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0368	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0369	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0370	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0371	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.50	14.43
08 71 11 00-0372	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	209.25	14.43
08 71 11 00-0373	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43
08 71 11 00-0374	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43
08 71 11 00-0375	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43
08 71 11 00-0376	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43
08 71 11 00-0377	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0378	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.50	14.43

08 71 11 00-0379 600 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*

08 71 11 00-0380	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	427.14	14.43
08 71 11 00-0381	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	450.14	14.43
08 71 11 00-0382	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	474.35	14.43
08 71 11 00-0383	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	474.35	14.43
08 71 11 00-0384	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	474.35	14.43
08 71 11 00-0385	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	474.35	14.43
08 71 11 00-0386	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	474.35	14.43

08 71 11 00-0387 1,000 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*

08 71 11 00-0388	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	790.03	17.32
08 71 11 00-0389	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	813.02	17.32
08 71 11 00-0390	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.51	17.32
08 71 11 00-0391	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.51	17.32
08 71 11 00-0392	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.51	17.32
08 71 11 00-0393	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.51	17.32
08 71 11 00-0394	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.51	17.32

08 71 11 00-0395 Continuous Barrel-Type Hinge *(08 71 11 00-0001)*

08 71 11 00-0396	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	28.89	4.62
		For Stainless Steel, Add	*5.73*	
		For Brass Or Nickel, Add	*6.25*	
		For Aluminum, Add	*2.04*	
		For Medium Gauge, Deduct	*-2.08*	
08 71 11 00-0397	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	29.59	4.62
		For Stainless Steel, Add	*6.12*	
		For Brass Or Nickel, Add	*6.67*	
		For Aluminum, Add	*2.18*	
		For Medium Gauge, Deduct	*-2.22*	
08 71 11 00-0398	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	30.98	4.62
		For Stainless Steel, Add	*6.88*	
		For Brass Or Nickel, Add	*7.51*	
		For Aluminum, Add	*2.45*	
		For Medium Gauge, Deduct	*-2.50*	
08 71 11 00-0399	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	32.55	4.62
		For Stainless Steel, Add	*7.74*	
		For Brass Or Nickel, Add	*8.45*	
		For Aluminum, Add	*2.76*	
		For Medium Gauge, Deduct	*-2.82*	

08 71 11 00-0400 Continuous Geared Hinges *(08 71 11 00-0001)*

08 71 11 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	62.54	4.62
		For Bronze Finish, Add	*16.53*	
		For Heavy-Duty, Add	*11.78*	
08 71 11 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	67.69	4.62
		For Bronze Finish, Add	*18.46*	
		For Heavy-Duty, Add	*13.15*	
08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	41.87	4.62
		For Bronze Finish, Add	*8.78*	
08 71 11 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy-Duty (Roton 780-112HD)	49.34	4.62
		For Bronze Finish, Add	*11.58*	

08 71 11 00-0405 Mortised, Primed Steel, Double Acting Spring Hinges *(08 71 11 00-0001)*

08 71 11 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	173.79	8.08
		For Satin Brass, Add	*32.01*	
08 71 11 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	185.41	10.39
		For Satin Brass, Add	*32.03*	
08 71 11 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	204.23	12.71
		For Satin Brass, Add	*33.77*	
08 71 11 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	269.74	15.01
		For Satin Brass, Add	*46.72*	
08 71 11 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	301.01	17.32
		For Satin Brass, Add	*51.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	363.76	19.64
		For Satin Brass, Add	*63.74*	
08 71 11 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	500.36	54.85
		For Satin Brass, Add	*93.76*	
08 71 11 00-0413		**Security Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0414	EA	4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	42.37	8.08
08 71 11 00-0415		**Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)*		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges to electrify the hinge.		
08 71 11 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option	315.77	
08 71 11 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option	372.81	
08 71 11 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option	429.86	
08 71 11 00-0419		**Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)*		
08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames	21.88	5.78
08 71 11 00-0421		**Door Trim** *(08 71 11)*		
08 71 11 00-0422		**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0423		**Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0424		**Aluminum Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.78	14.43
08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	36.67	14.43
08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	38.15	14.43
08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	60.72	14.43
08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	63.42	14.43
08 71 11 00-0430		**Brass Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	37.21	14.43
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	38.70	14.43
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	38.70	14.43
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	39.27	14.43
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.03	14.43
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.03	14.43
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	40.03	14.43
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	38.15	14.43
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.40	14.43
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.40	14.43
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	41.28	14.43
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.03	14.43
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.03	14.43
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	45.58	14.43
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	40.55	14.43
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	40.55	14.43
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	43.01	14.43
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	43.01	14.43
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.01	14.43
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.01	14.43
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	42.25	14.43
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	42.25	14.43
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	44.64	14.43
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	44.64	14.43
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.64	14.43
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.64	14.43
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	62.90	14.43
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	63.97	14.43
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	66.54	14.43
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	68.64	14.43
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	68.64	14.43
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	77.16	14.43
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	77.16	14.43
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	74.01	14.43
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	75.52	14.43
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	75.52	14.43
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	75.52	14.43
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	75.52	14.43
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	87.20	14.43
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	87.20	14.43
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	50.19	14.43
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	52.14	14.43
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	56.53	14.43
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	56.53	14.43
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	56.53	14.43
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	57.84	14.43
08 71 11 00-0477	EA	2-1/4" Overall Height, Polished Or Satin Finish, Brass Floor Stop (Rockwood 481H)	78.59	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0478		**Steel Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0479	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	42.61	14.43
08 71 11 00-0480	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	114.87	14.43
08 71 11 00-0481	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	121.02	14.43
08 71 11 00-0482		**Wall Stops** *(08 71 11 00-0422)*		
08 71 11 00-0483		**Aluminum Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0484	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	16.92	5.78
08 71 11 00-0485	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	24.60	8.66
08 71 11 00-0486		**Brass Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	30.14	5.78
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	30.14	5.78
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	30.14	5.78
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	35.91	5.78
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	36.45	5.78
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	36.45	5.78
08 71 11 00-0493	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	36.45	5.78
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	86.06	8.66
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	88.09	8.66
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	88.09	8.66
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	88.09	8.66
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	88.09	8.66
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	88.09	8.66
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	71.74	8.66
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	82.72	8.66
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	82.72	8.66
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	82.72	8.66
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	82.72	8.66
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	85.33	8.66
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	85.33	8.66
08 71 11 00-0507	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	139.57	8.66
08 71 11 00-0508		**Steel Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0509	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.67	5.78
08 71 11 00-0510		**Hinge Pin Door Stops** *(08 71 11 00-0422)*		
08 71 11 00-0511		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0510)*		
08 71 11 00-0512	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	26.43	11.55
08 71 11 00-0513		**Brass Hinge Pin Door Stops** *(08 71 11 00-0510)*		
08 71 11 00-0514	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	27.06	11.55
08 71 11 00-0515	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	31.07	11.55
08 71 11 00-0516	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	40.71	11.55
08 71 11 00-0517	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.71	11.55
08 71 11 00-0518	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.71	11.55
08 71 11 00-0519	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	45.23	11.55
08 71 11 00-0520	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.23	11.55
08 71 11 00-0521	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.23	11.55
08 71 11 00-0522	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	45.23	11.55
08 71 11 00-0523		**Wall Bumpers** *(08 71 11 00-0422)*		
08 71 11 00-0524		**Brass Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.18	14.43
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.18	14.43
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.18	14.43
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.73	14.43
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.73	14.43
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.73	14.43
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.73	14.43
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	54.29	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.33	14.43
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.33	14.43
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.33	14.43
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.33	14.43
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.33	14.43
08 71 11 00-0538	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.45	14.43
08 71 11 00-0539		**Rubber Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0540	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	33.18	14.43
08 71 11 00-0541		**Cast Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0542	EA	2-1/8" Base Diameter, Concave, Prison Version, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CVPV)	58.12	15.01
		For Owner Furnished Material, Deduct	*-29.25*	
08 71 11 00-0543	EA	2-1/8" Base Diameter, Concave, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CV)	46.69	15.01
		For Owner Furnished Material, Deduct	*-17.82*	
08 71 11 00-0544	EA	2-1/8" Base Diameter, Convex, Satin Chrome Finish, Cast Décor, Wall Bumper (Trimco 1278CX)	51.06	15.01
		For Owner Furnished Material, Deduct	*-22.19*	
08 71 11 00-0545		**Holders** *(08 71 11 00-0421)*		
08 71 11 00-0546		**Plunger Type Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0547		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0546)*		
08 71 11 00-0548	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	91.06	8.66
08 71 11 00-0549		**Brass Plunger Type Door Holders** *(08 71 11 00-0546)*		
08 71 11 00-0550	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0551	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0552	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0553	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0554	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0555	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0556	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.33	8.66
08 71 11 00-0557		**Kick Down Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0558		**Aluminum Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0559	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	29.36	8.66
08 71 11 00-0560		**Brass Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0561	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	66.22	8.66
08 71 11 00-0562	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	66.22	8.66
08 71 11 00-0563	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	66.22	8.66
08 71 11 00-0564	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	75.83	8.66
08 71 11 00-0565	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	75.83	8.66
08 71 11 00-0566	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	75.83	8.66
08 71 11 00-0567	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	78.26	8.66
08 71 11 00-0568		**Steel Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0569	EA	Steel Kick Down Door Holder (Ives FS544)	36.79	8.66
08 71 11 00-0570		**Floor Mounted Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0571		**Brass Floor Mounted Door Holders** *(08 71 11 00-0570)*		
08 71 11 00-0572	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	129.57	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0573	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	129.57	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0574	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.51	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0575	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.51	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0576	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.51	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0577	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.51	17.32
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0578	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491)	124.17	17.32
		Note: Includes FH MS / plastic anchors.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0579	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491R)	128.81	17.32
		Note: Includes FH MS / lead anchors.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0580	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491S)	136.51	17.32
		Note: Includes FH MS / lead anchors and bolts.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	

08 71 11 00-0581 Wall Mounted Door Holders *(08 71 11 00-0545)*

08 71 11 00-0582 Aluminum Wall Mounted Door Holders *(08 71 11 00-0581)*

08 71 11 00-0583	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	116.25	10.10
08 71 11 00-0584	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	169.91	17.32

08 71 11 00-0585 Brass Wall Mounted Door Holders *(08 71 11 00-0581)*

08 71 11 00-0586	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	106.57	10.10
08 71 11 00-0587	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.89	10.10
08 71 11 00-0588	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.89	10.10
08 71 11 00-0589	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.89	10.10
08 71 11 00-0590	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.89	10.10
08 71 11 00-0591	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.89	10.10
08 71 11 00-0592	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	127.96	10.10
08 71 11 00-0593	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	121.07	10.10
08 71 11 00-0594	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.70	10.10
08 71 11 00-0595	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.70	10.10
08 71 11 00-0596	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.70	10.10
08 71 11 00-0597	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.70	10.10
08 71 11 00-0598	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.70	10.10
08 71 11 00-0599	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	193.48	17.32
08 71 11 00-0600	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	204.10	17.32
08 71 11 00-0601	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	204.10	17.32
08 71 11 00-0602	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	204.10	17.32
08 71 11 00-0603	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	204.10	17.32
08 71 11 00-0604	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	204.10	17.32
08 71 11 00-0605	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494)	115.03	10.10
08 71 11 00-0606	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494R)	119.68	10.10
		Note: Includes FH MS / lead anchors.		
08 71 11 00-0607	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494S)	127.38	10.10
		Note: Includes FH MS / lead anchors and bolts.		

08 71 11 00-0608 Overhead Door Holders *(08 71 11 00-0545)*

08 71 11 00-0609 Surface Mounted, Overhead Door Holders *(08 71 11 00-0608)*

08 71 11 00-0610	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	599.60	28.87
		For Hold Open, Add	*69.86*	
08 71 11 00-0611	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	688.78	28.87
		For Hold Open, Add	*82.73*	
08 71 11 00-0612	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	688.78	28.87
		For Hold Open, Add	*82.73*	
08 71 11 00-0613	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	688.78	28.87
		For Hold Open, Add	*82.73*	
08 71 11 00-0614	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	685.75	28.87
		For Hold Open, Add	*82.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0615		**Heavy-Duty, Surface Mounted, Overhead Door Holders** *(08 71 11 00-0608)*		
		Note: With or without hold open feature.		
08 71 11 00-0616	EA	Heavy-Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	464.92	28.87
08 71 11 00-0617	EA	Heavy-Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	677.86	28.87
08 71 11 00-0618	EA	Heavy-Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	770.68	28.87
08 71 11 00-0619	EA	Heavy-Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	770.68	28.87
08 71 11 00-0620	EA	Heavy-Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	770.68	28.87
08 71 11 00-0621		**Concealed Mounted, Overhead Door Holders** *(08 71 11 00-0608)*		
		Note: With or without hold open feature.		
08 71 11 00-0622	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	655.42	28.87
08 71 11 00-0623	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	655.42	28.87
08 71 11 00-0624	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	691.82	28.87
08 71 11 00-0625	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	722.76	28.87
08 71 11 00-0626	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	722.76	28.87
08 71 11 00-0627		**Silencers** *(08 71 11 00-0421)*		
08 71 11 00-0628	EA	Replacement Of Rubber Door Silencers	1.76	
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08 71 11 00-0629	EA	Replacement Of Door Silencers for Metal Frames (Trimco 1229A)	1.77	
		For Owner Furnished Material, Deduct	*-0.33*	
08 71 11 00-0630	EA	Replacement Of Door Silencers for Wood Frames (Trimco 1229B)	1.77	
		For Owner Furnished Material, Deduct	*-0.33*	
08 71 11 00-0631		**Bolts** *(08 71 11 00-0421)*		
08 71 11 00-0632		**Brass Surface Bolts** *(08 71 11 00-0631)*		
08 71 11 00-0633	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	197.04	14.43
08 71 11 00-0634	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	211.06	14.43
08 71 11 00-0635	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	211.06	14.43
08 71 11 00-0636		**Steel Surface Bolts** *(08 71 11 00-0631)*		
08 71 11 00-0637	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	88.45	14.43
08 71 11 00-0638	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	88.45	14.43
08 71 11 00-0639	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	88.45	14.43
08 71 11 00-0640	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	100.70	14.43
08 71 11 00-0641	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	102.46	14.43
08 71 11 00-0642	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	105.95	14.43
08 71 11 00-0643	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	104.19	14.43
08 71 11 00-0644	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	109.47	14.43
08 71 11 00-0645	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	116.47	14.43
08 71 11 00-0646	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	121.72	14.43
08 71 11 00-0647	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	191.79	14.43
08 71 11 00-0648		**Door Viewer** *(08 71 11 00-0421)*		
08 71 11 00-0649		**Brass Door Viewer** *(08 71 11 00-0648)*		
08 71 11 00-0650	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	45.58	14.43
08 71 11 00-0651	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	45.58	14.43
08 71 11 00-0652	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	45.58	14.43
08 71 11 00-0653	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	53.41	14.43
08 71 11 00-0654	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	53.41	14.43
08 71 11 00-0655	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	53.41	14.43
08 71 11 00-0656	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	63.06	14.43
08 71 11 00-0657	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	63.06	14.43
08 71 11 00-0658		**Door Knockers** *(08 71 11 00-0421)*		
08 71 11 00-0659		**Brass Door Knockers** *(08 71 11 00-0658)*		
08 71 11 00-0660	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	69.73	14.43
08 71 11 00-0661	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	77.16	14.43
08 71 11 00-0662	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	77.16	14.43
08 71 11 00-0663	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	77.16	14.43
08 71 11 00-0664	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	105.37	14.43
08 71 11 00-0665	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	123.30	14.43
08 71 11 00-0666		**Hasps** *(08 71 11 00-0421)*		
08 71 11 00-0667	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	31.92	10.90
08 71 11 00-0668	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	34.04	11.55
08 71 11 00-0669	EA	6", Zinc Plated Finish, Steel Hasp Assembly	43.76	12.99
08 71 11 00-0670	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	185.28	15.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0671		**Flush Bolts** *(08 71 11 00-0421)*		
08 71 11 00-0672		**Flush Bolts For Metal Doors** *(08 71 11 00-0671)*		
08 71 11 00-0673		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0672)*		
08 71 11 00-0674		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0675	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	67.42	14.43
08 71 11 00-0676		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0677	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	140.69	14.43
08 71 11 00-0678	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	140.69	14.43
08 71 11 00-0679	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	244.85	23.09
08 71 11 00-0680	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	252.31	20.21
08 71 11 00-0681	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	262.21	21.66
08 71 11 00-0682		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0683	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	167.10	14.43
08 71 11 00-0684	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	311.07	23.09
08 71 11 00-0685	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	305.29	20.21
08 71 11 00-0686	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	316.94	21.66
08 71 11 00-0687		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0672)*		
08 71 11 00-0688		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0687)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0689	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	140.69	14.43
08 71 11 00-0690	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	140.69	14.43
08 71 11 00-0691	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	244.85	23.09
08 71 11 00-0692	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	252.31	20.21
08 71 11 00-0693	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	262.21	21.66
08 71 11 00-0694		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0687)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0695	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	167.10	14.43
08 71 11 00-0696	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	311.07	23.09
08 71 11 00-0697	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	305.29	20.21
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	316.94	21.66
08 71 11 00-0699		**Flush Bolts For Wood Doors** *(08 71 11 00-0671)*		
08 71 11 00-0700		**Brass Flush Bolts For Wood Doors** *(08 71 11 00-0699)*		
08 71 11 00-0701		**Manual, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0702	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	80.53	14.43
08 71 11 00-0703		**Automatic, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0704	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	175.47	14.43
08 71 11 00-0705	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	175.47	14.43
08 71 11 00-0706	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	325.78	23.09
08 71 11 00-0707	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	320.00	20.21
08 71 11 00-0708		**Constant Latching, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0709	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	174.11	14.43
08 71 11 00-0710	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	325.78	23.09
08 71 11 00-0711	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	320.00	20.21
08 71 11 00-0712		**Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0699)*		
08 71 11 00-0713		**Automatic, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0712)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0714	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	175.47	14.43
08 71 11 00-0715	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	175.47	14.43
08 71 11 00-0716	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	325.78	23.09
08 71 11 00-0717	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	320.00	20.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0718		**Constant Latching, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0712)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0719	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	174.11	14.43
08 71 11 00-0720	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	325.78	23.09
08 71 11 00-0721	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	320.00	20.21
08 71 11 00-0722		**Dust Proof Strikes** *(08 71 11 00-0671)*		
08 71 11 00-0723	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	60.58	11.55
08 71 11 00-0724	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	60.58	11.55
08 71 11 00-0725	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	60.58	11.55
08 71 11 00-0726	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	60.58	11.55
08 71 11 00-0727	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	60.58	11.55
08 71 11 00-0728	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.38	11.55
08 71 11 00-0729	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.38	11.55
08 71 11 00-0730	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.38	11.55
08 71 11 00-0731	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.38	11.55
08 71 11 00-0732	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.38	11.55
08 71 11 00-0733		**Roller Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0734		**Brass Roller Bumpers** *(08 71 11 00-0733)*		
08 71 11 00-0735	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	64.34	8.66
08 71 11 00-0736	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	76.05	8.66
08 71 11 00-0737	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	76.05	8.66
08 71 11 00-0738	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	61.70	8.66
08 71 11 00-0739	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.62	8.66
08 71 11 00-0740	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.62	8.66
08 71 11 00-0741	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.62	8.66
08 71 11 00-0742	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	64.52	8.66
08 71 11 00-0743	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	70.83	8.66
08 71 11 00-0744	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.80	8.66
08 71 11 00-0745	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.80	8.66
08 71 11 00-0746	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.80	8.66
08 71 11 00-0747	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.80	8.66
08 71 11 00-0748	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.80	8.66
08 71 11 00-0749		**Other Door Trim** *(08 71 11 00-0421)*		
08 71 11 00-0750		**Coat And Hat Hooks** *(08 71 11 00-0749)*		
08 71 11 00-0751		**Aluminum Coat And Hat Hooks** *(08 71 11 00-0750)*		
08 71 11 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	20.45	8.66
08 71 11 00-0753	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	20.45	8.66
08 71 11 00-0754	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	20.66	8.66
08 71 11 00-0755	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	20.29	8.66
08 71 11 00-0756	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	20.29	8.66
08 71 11 00-0757	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	20.29	8.66
08 71 11 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	20.66	8.66
08 71 11 00-0759	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.75	8.66
08 71 11 00-0760	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.75	8.66
08 71 11 00-0761	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.75	8.66
08 71 11 00-0762	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.75	8.66
08 71 11 00-0763	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	21.75	8.66
08 71 11 00-0764		**Brass Coat And Hat Hooks** *(08 71 11 00-0750)*		
08 71 11 00-0765	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	26.39	8.66
08 71 11 00-0766	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	26.97	8.66
08 71 11 00-0767	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	27.88	8.66
08 71 11 00-0768	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	27.88	8.66
08 71 11 00-0769	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	28.45	8.66
08 71 11 00-0770	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	30.30	8.66
08 71 11 00-0771	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	32.91	8.66
08 71 11 00-0772	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	32.91	8.66
08 71 11 00-0773	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	32.91	8.66
08 71 11 00-0774	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	33.49	8.66
08 71 11 00-0775		**Cane Bolt** *(08 71 11 00-0749)*		
08 71 11 00-0776	EA	18" Cane Bolt With Padlock Eyes Welded To Bolt, Manual, Steel Bolt For Doors (Stanley 1009)	35.56	11.55
08 71 11 00-0777		**Ball Catches** *(08 71 11 00-0749)*		
08 71 11 00-0778	EA	Satin Brass Finish, Brass Adjustable Ball Catch (Ives 347)	40.05	11.55
		For Owner Furnished Material, Deduct	*-16.96*	
08 71 11 00-0779	EA	Bright Brass Finish, Brass Adjustable Ball Catch (Ives 347)	40.05	11.55
		For Owner Furnished Material, Deduct	*-16.96*	
08 71 11 00-0780	EA	Satin Nickel Finish, Brass Adjustable Ball Catch (Ives 347)	41.81	11.55
		For Owner Furnished Material, Deduct	*-18.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0781	EA	Satin Chrome Finish, Brass Adjustable Ball Catch (Ives 347)	42.72	11.55
		For Owner Furnished Material, Deduct	*-19.63*	
08 71 11 00-0782	EA	Satin Bronze Finish, Brass Adjustable Ball Catch (Ives 347)	42.72	11.55
		For Owner Furnished Material, Deduct	*-19.63*	
08 71 11 00-0783	EA	Dark Bronze Finish, Brass Adjustable Ball Catch (Ives 347)	42.72	11.55
		For Owner Furnished Material, Deduct	*-19.63*	

08 71 11 00-0784 Other Door Trim *(08 71 11 00-0749)*

08 71 11 00-0785	EA	Adapter Kit For Installation Of Cipher Locks On Metal Doors	69.39	14.43
		For Owner Furnished Material, Deduct	*-40.52*	
08 71 11 00-0786	EA	Push Or Pull Exit Paddle For Storefront Aluminum Door Note: Aluminum with dark bronze or satin aluminum finish.	170.46	28.87
		For Owner Furnished Material, Deduct	*-112.72*	
08 71 11 00-0787	EA	Public Toilet Lock	77.23	19.28
		For Owner Furnished Material, Deduct	*-48.36*	
08 71 11 00-0788	EA	Slide Latch Handle Mechanism For Toilet Stall Partition Doors	73.31	11.55
		For Owner Furnished Material, Deduct	*-50.22*	
08 71 11 00-0789	EA	Brass Entry Lockset Door Repair Cover, US3	102.20	14.43
		For Owner Furnished Material, Deduct	*-44.46*	
08 71 11 00-0790	EA	Stainless Steel Entry Lockset Door Repair Cover, US32D	110.30	14.43
		For Owner Furnished Material, Deduct	*-52.56*	
08 71 11 00-0791	EA	Brass Entry Deadlock Door Repair Cover, US3	85.85	14.43
		For Owner Furnished Material, Deduct	*-28.11*	
08 71 11 00-0792	EA	Latch Protector	38.16	11.55
		For Owner Furnished Material, Deduct	*-15.07*	

08 71 11 00-0793 Door Plates And Pulls *(08 71 11)*

08 71 11 00-0794 Kick Plate *(08 71 11 00-0793)*

Note: Ives 8400.

08 71 11 00-0795 Aluminum Base Material Kick Plate *(08 71 11 00-0794)*

08 71 11 00-0796 Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0795)*

Note: US28

08 71 11 00-0797	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.63	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0798	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.30	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0799	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.91	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0800	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.55	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0801	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.52	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0802	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.10	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0803	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.75	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0804	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.38	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0805	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.33	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0806	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.97	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0807	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.58	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0808	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.57	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0809	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.82	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0811	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.91	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.22	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.47	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0814	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.77	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.38	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.66	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.97	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.24	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.86	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.14	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.44	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.07	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.32	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.63	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.16	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.08	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.08	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.97	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.24	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.13	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.11	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.36	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.31	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.28	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.55	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.49	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.47	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0839	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.65	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.27	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.94	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.55	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0843	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.44	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.06	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.67	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.28	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	129.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.80	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.41	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	145.32	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	149.96	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	154.57	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.94	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.50	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.75	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.06	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.62	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0859	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.90	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	134.15	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	141.72	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	147.03	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.27	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.82	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	165.10	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.41	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0867	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.35	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.66	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.97	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	125.28	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.87	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0872	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	140.18	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.50	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.81	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	161.44	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.75	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	174.06	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	182.67	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	188.98	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	195.30	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.36	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.37	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.38	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.39	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.72	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.73	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	160.74	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.75	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	177.06	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	184.07	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	191.08	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0892	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	200.40	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0893	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	207.41	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0894	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	214.42	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0895	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.07	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.78	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	139.49	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	147.19	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.25	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.96	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0901	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	172.67	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	180.37	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	190.38	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	198.09	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	205.80	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	215.81	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	223.52	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	231.23	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.78	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	140.18	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	148.62	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.03	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.75	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	176.16	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	184.56	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	193.00	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	203.70	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	212.11	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	220.51	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	231.23	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	239.66	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	248.07	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0923 Brass Base Material Kick Plate *(08 71 11 00-0794)*

08 71 11 00-0924 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0923)*
Note: US3/US4

08 71 11 00-0925	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	130.91	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	139.65	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	148.41	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	157.15	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	168.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0930	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	176.99	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	185.73	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	194.47	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	205.52	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	214.26	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0935	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	223.00	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0936	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	234.06	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0937	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	242.86	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	251.60	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	154.99	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	165.89	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	176.86	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	187.79	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.99	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.95	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.91	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.85	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	247.06	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	258.02	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.98	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	282.20	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0951	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	293.17	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	304.10	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	178.99	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	192.17	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	205.27	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	218.39	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.85	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	246.97	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0959	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	260.09	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	273.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	288.68	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	301.78	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.90	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	330.35	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	343.44	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	356.63	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	205.40	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	220.69	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	236.01	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	251.36	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.98	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	284.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	299.59	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.90	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	332.54	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.86	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	363.14	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	380.76	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0979	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	396.11	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	411.42	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	290.58	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	313.69	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	336.74	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	359.76	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	385.12	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	408.20	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	431.29	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0988	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	454.28	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	479.71	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	502.79	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	525.84	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	551.16	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	574.21	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	597.30	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	321.79	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.67	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	373.52	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	399.47	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	427.66	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	453.52	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	479.46	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	505.31	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	533.58	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	559.46	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	585.31	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	613.56	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1007	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	639.41	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	665.29	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	355.74	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	384.48	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	413.29	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	442.00	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	473.13	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	501.91	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	530.65	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	559.46	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1017	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	590.48	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	619.28	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	648.06	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1020	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	679.11	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1021	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	707.92	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	736.64	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	387.41	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	419.01	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	450.65	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	482.32	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	516.28	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	547.95	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	579.59	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	611.26	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	645.17	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	676.80	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	708.47	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	742.42	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1035	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	774.09	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	805.67	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	419.01	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	453.52	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	488.08	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	522.61	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	559.46	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	593.96	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	628.49	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	664.91	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	699.82	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1046	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	734.33	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	768.86	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	805.67	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	840.26	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	874.76	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1051 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0923)*

Note: US10/US10B

08 71 11 00-1052	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.67	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	152.45	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	162.31	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	172.08	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	184.25	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	194.05	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	203.89	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	213.69	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.77	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.64	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.44	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1063	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.59	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1064	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	267.40	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	277.23	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	169.65	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	181.95	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	194.19	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	206.46	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	221.03	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	233.33	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.57	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.84	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1074	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	272.45	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	284.72	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.95	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	311.61	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	323.84	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	336.11	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.65	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	211.39	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	226.09	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	240.83	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.84	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	272.60	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	287.34	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	302.04	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.09	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	333.79	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	348.50	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1091	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	365.56	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	380.32	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	395.03	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.93	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	243.13	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	260.30	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	277.47	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.95	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	314.16	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	331.33	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	348.50	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	368.02	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1103	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	385.19	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	402.37	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	421.87	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	439.10	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	456.27	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.98	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	345.73	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	371.46	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	397.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	425.22	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	450.95	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.71	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	502.44	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	530.48	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	556.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	581.94	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1119	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	609.96	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	635.69	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	661.42	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	354.44	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	383.33	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	412.17	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	441.06	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	472.20	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	501.06	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	529.93	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1129	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	558.79	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	589.94	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.84	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1132	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	647.73	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	678.86	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	707.76	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	736.59	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	392.01	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	424.13	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	456.16	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	488.28	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	522.63	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	554.69	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	586.78	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.84	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	653.26	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	685.29	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	717.35	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1147	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	751.75	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1148	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	783.81	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	815.90	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	427.29	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	462.61	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	497.87	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	533.12	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	570.76	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	606.02	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	641.31	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	676.56	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	714.18	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	749.44	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	784.72	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1161	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	822.29	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	857.55	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	892.86	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	462.61	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	501.06	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	539.55	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	578.03	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.84	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	657.32	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	695.86	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	734.29	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	775.07	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	813.59	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	852.07	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	892.86	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1176	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	931.35	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	969.83	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1178 Stainless Base Material Kick Plate *(08 71 11 00-0794)*

08 71 11 00-1179 Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-1178)*

Note: US26/US26D

08 71 11 00-1180	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	141.03	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	150.71	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	160.38	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	170.05	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	182.03	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	191.67	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	201.35	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	211.02	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	223.00	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	232.71	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1190	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	242.38	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1191	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.38	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1192	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	264.05	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	273.72	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	167.64	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	179.73	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	191.81	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	203.90	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	218.31	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	230.40	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	242.48	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.57	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	268.96	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	281.05	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1204	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	293.13	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	307.54	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	319.62	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	331.71	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	194.22	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	208.72	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	223.28	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	237.77	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.57	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	269.09	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	283.59	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	298.08	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	314.89	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	329.39	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.91	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1219	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	360.73	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	375.28	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	389.78	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	223.10	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	240.07	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	257.01	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	273.91	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	293.13	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	310.07	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	326.97	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.91	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	363.20	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	380.11	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1232	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	397.01	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	385.73	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	433.15	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	450.09	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	320.64	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	346.45	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	372.24	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	398.03	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	426.12	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	451.91	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.73	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	503.52	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	531.62	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	557.41	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	583.20	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	611.28	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1248	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	637.07	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	662.86	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	355.18	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	384.14	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	413.04	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	442.00	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	473.21	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	502.14	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	531.07	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	560.00	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	591.22	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	620.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1260	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	649.14	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	680.34	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	709.30	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	738.20	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	392.83	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	425.03	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	457.13	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	489.32	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	523.75	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	555.88	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	588.05	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	620.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	654.68	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	686.78	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1274	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	718.92	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1275	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	753.39	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	785.53	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1277	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	817.69	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	428.20	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1279	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	463.60	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	498.94	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	534.28	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	572.00	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	607.33	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	642.70	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	678.04	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	715.74	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	751.08	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1288	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	786.45	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	824.10	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	859.44	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	894.84	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	463.60	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	502.14	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	540.72	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	579.29	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	620.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	658.76	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	697.39	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	735.90	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	776.78	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	815.38	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	853.95	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	894.84	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	933.41	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	971.98	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1306		Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1178)* Note: US32D		
08 71 11 00-1307	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.76	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.81	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.77	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.86	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.15	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.11	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.18	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.51	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1316	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.53	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.52	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1318	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.86	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1319	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.89	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.88	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.05	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.85	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.62	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.35	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.45	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.22	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.96	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.70	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.84	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.58	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.32	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.44	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1334	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	131.94	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.36	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.88	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.40	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.91	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.70	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.25	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.73	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.28	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.08	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1344	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	129.62	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.17	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.98	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	145.52	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.01	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.95	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.21	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.51	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.77	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.32	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.61	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.88	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.17	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	141.79	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.99	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.28	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.88	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.14	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	170.44	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1363	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.57	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.30	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.76	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.19	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	135.94	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.40	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.86	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	155.29	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	164.04	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1372	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	170.53	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.99	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	186.26	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	192.15	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	198.61	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.93	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.05	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	129.11	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	136.20	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	145.63	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.69	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.78	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	166.83	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.27	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.36	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.42	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	199.84	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	206.96	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	214.02	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.92	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1392	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.78	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	141.68	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.52	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.73	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	167.63	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	175.47	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.36	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1399	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	193.53	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1400	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	201.43	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1401	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	209.32	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1402	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	219.47	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1403	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	227.37	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	235.23	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.56	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.26	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	151.88	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	160.58	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	171.52	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	180.22	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	188.87	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	197.54	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	208.49	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	217.16	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	225.86	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	236.79	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	245.49	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	254.11	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.26	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.69	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1421	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	162.17	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	171.59	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.36	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	192.82	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	202.27	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	211.72	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	223.47	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1428	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	232.92	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	242.38	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	254.11	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	263.59	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	273.07	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1433 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1178)*

Note: US32

08 71 11 00-1434	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.59	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	119.71	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.77	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.86	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	143.22	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	150.34	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.39	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.51	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.85	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.97	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.09	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.47	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1446	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.56	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	211.61	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	132.09	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1449	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.92	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.81	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.67	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	169.80	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.66	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	187.55	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.41	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1456	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	207.55	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	216.41	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	225.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	236.42	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.31	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	254.17	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.55	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.21	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.85	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	183.48	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.41	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	206.98	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	217.65	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	228.28	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	241.22	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.85	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.46	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.44	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	286.04	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.68	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.37	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	185.78	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1478	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.18	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.59	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	225.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	237.68	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	250.08	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.46	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1484	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	277.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.62	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	302.02	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	316.73	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	329.07	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	341.48	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.84	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	206.98	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	221.22	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.37	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.85	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	266.03	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	280.18	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	294.36	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	310.85	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	325.00	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	339.18	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	355.65	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	369.86	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	384.04	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	214.41	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	230.60	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	246.67	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1507	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.87	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	281.31	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	297.38	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	313.57	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	338.87	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1512	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	348.16	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	364.29	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	380.42	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	398.86	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	414.99	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	431.12	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	236.49	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	254.39	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	272.33	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	290.23	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	310.49	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	328.45	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	346.33	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	364.29	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	384.47	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	402.43	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	420.37	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1529	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	440.58	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1530	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	458.52	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	476.42	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	256.19	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.90	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	295.61	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	315.32	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1536	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	337.37	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	357.11	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	376.85	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	396.56	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1540	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	418.56	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	438.27	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	457.98	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	480.00	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	499.76	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	519.47	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.90	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	297.38	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	318.92	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1549	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	340.43	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	364.29	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	385.77	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	407.28	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	428.82	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	452.63	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	474.11	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	495.65	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	519.47	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	541.01	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	562.49	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1560 Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-1178)*

Note: US15

08 71 11 00-1561	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	144.98	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	154.96	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	165.04	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1564	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	175.02	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	187.40	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	197.41	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	207.45	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1568	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	217.47	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	229.76	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	239.84	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	249.85	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1573	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	272.23	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	282.27	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	172.53	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	185.10	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate	197.60	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	210.13	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.96	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	237.53	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	250.03	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.56	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	277.43	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	289.96	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	302.46	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	317.38	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	329.88	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	342.41	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	200.12	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	215.17	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	230.19	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	245.24	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1593	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.56	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	277.64	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	292.69	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1596	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	307.71	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	325.07	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	340.09	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	355.11	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	372.48	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	387.57	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	402.59	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	229.97	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	247.54	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	265.08	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	282.62	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	302.46	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	320.03	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	337.57	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	355.11	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	375.00	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	392.54	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	410.08	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	429.95	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	447.55	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	465.09	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	326.03	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	352.34	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	378.61	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	404.89	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	433.48	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1622	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	459.75	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	486.06	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1624	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	512.34	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	540.94	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	567.21	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	593.49	10.39
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	622.07	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	648.34	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	674.62	10.97
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	361.23	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	390.74	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	420.19	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	449.70	9.24
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	481.46	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	510.94	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	540.42	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	569.90	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	601.67	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	631.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	660.69	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	692.44	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	721.95	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	751.40	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	399.55	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	432.36	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	465.07	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	497.88	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	532.91	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	565.66	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1651	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	598.43	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1652	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	631.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	666.29	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	699.00	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	731.75	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1656	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	766.83	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1657	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	799.58	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1658	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	832.35	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1659	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	435.59	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1660	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	471.66	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1661	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	507.67	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1662	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	543.68	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1663	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	582.08	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1664	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	618.09	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1665	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	654.13	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1666	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	690.14	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1667	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	728.51	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1668	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	764.52	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1669	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	800.56	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1670	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	838.88	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1671	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	874.89	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1672	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	910.97	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1673	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	471.66	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1674	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	510.94	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1675	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	550.25	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1676	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	589.55	9.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1677	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	631.18	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1678	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	670.49	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1679	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	709.85	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1680	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	749.10	10.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1681	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	790.71	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1682	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	830.04	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1683	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	869.35	10.97
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1684	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	910.97	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1685	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	950.27	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1686	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	989.58	11.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1687 Plastic Kick Plate *(08 71 11 00-0794)*

08 71 11 00-1688 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1687)*

Note: With four beveled edges.

08 71 11 00-1689	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.17	8.66
08 71 11 00-1690	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.36	8.66
08 71 11 00-1691	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.63	8.66
08 71 11 00-1692	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.85	8.66
08 71 11 00-1693	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.40	9.24
08 71 11 00-1694	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.62	9.24
08 71 11 00-1695	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.81	9.24
08 71 11 00-1696	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.08	9.24
08 71 11 00-1697	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.32	9.82
08 71 11 00-1698	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.80	9.82
08 71 11 00-1699	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.07	9.82
08 71 11 00-1700	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.61	10.39
08 71 11 00-1701	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.86	10.39
08 71 11 00-1702	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.08	10.39
08 71 11 00-1703	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.28	8.66
08 71 11 00-1704	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.10	8.66
08 71 11 00-1705	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.86	8.66
08 71 11 00-1706	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.62	8.66
08 71 11 00-1707	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.73	9.24
08 71 11 00-1708	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.49	9.24
08 71 11 00-1709	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.31	9.24
08 71 11 00-1710	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.07	9.24
08 71 11 00-1711	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.19	9.82
08 71 11 00-1712	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.95	9.82
08 71 11 00-1713	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.76	9.82
08 71 11 00-1714	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.85	10.39
08 71 11 00-1715	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.66	10.39
08 71 11 00-1716	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.42	10.39
08 71 11 00-1717	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.43	8.66
08 71 11 00-1718	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.78	8.66
08 71 11 00-1719	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.08	8.66
08 71 11 00-1720	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.46	8.66
08 71 11 00-1721	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.07	9.24
08 71 11 00-1722	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.45	9.24
08 71 11 00-1723	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.80	9.24
08 71 11 00-1724	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.13	9.24
08 71 11 00-1725	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.74	9.82
08 71 11 00-1726	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.10	9.82
08 71 11 00-1727	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.48	9.82
08 71 11 00-1728	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.10	10.39
08 71 11 00-1729	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.49	10.39
08 71 11 00-1730	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.79	10.39
08 71 11 00-1731	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.84	9.24
08 71 11 00-1732	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.76	9.24
08 71 11 00-1733	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.63	9.24
08 71 11 00-1734	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.56	9.24
08 71 11 00-1735	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.76	9.82
08 71 11 00-1736	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.63	9.82
08 71 11 00-1737	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.56	9.82
08 71 11 00-1738	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.48	9.82
08 71 11 00-1739	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.67	10.39
08 71 11 00-1740	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.60	10.39
08 71 11 00-1741	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.49	10.39
08 71 11 00-1742	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.66	10.97
08 71 11 00-1743	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.59	10.97
08 71 11 00-1744	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.46	10.97
08 71 11 00-1745	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.32	9.24
08 71 11 00-1746	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.46	9.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1747	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.52	9.24
08 71 11 00-1748	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.66	9.24
08 71 11 00-1749	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.11	9.82
08 71 11 00-1750	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.23	9.82
08 71 11 00-1751	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.37	9.82
08 71 11 00-1752	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.46	9.82
08 71 11 00-1753	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.92	10.39
08 71 11 00-1754	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.03	10.39
08 71 11 00-1755	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.17	10.39
08 71 11 00-1756	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.61	10.97
08 71 11 00-1757	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.67	10.97
08 71 11 00-1758	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	166.82	10.97
08 71 11 00-1759	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.33	9.24
08 71 11 00-1760	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.12	9.24
08 71 11 00-1761	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.85	9.24
08 71 11 00-1762	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.64	9.24
08 71 11 00-1763	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	253.63	9.82
08 71 11 00-1764	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.46	9.82
08 71 11 00-1765	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.25	9.82
08 71 11 00-1766	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.98	9.82
08 71 11 00-1767	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	151.09	10.39
08 71 11 00-1768	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.86	10.39
08 71 11 00-1769	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.60	10.39
08 71 11 00-1770	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	170.69	10.97
08 71 11 00-1771	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	176.42	10.97
08 71 11 00-1772	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	182.21	10.97
08 71 11 00-1773	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.70	9.82
08 71 11 00-1774	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.11	9.82
08 71 11 00-1775	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.50	9.82
08 71 11 00-1776	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.91	9.82
08 71 11 00-1777	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.65	10.39
08 71 11 00-1778	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.03	10.39
08 71 11 00-1779	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.44	10.39
08 71 11 00-1780	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.86	10.39
08 71 11 00-1781	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	165.54	10.97
08 71 11 00-1782	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.96	10.97
08 71 11 00-1783	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	178.34	10.97
08 71 11 00-1784	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	187.07	11.55
08 71 11 00-1785	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	193.48	11.55
08 71 11 00-1786	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	199.87	11.55
08 71 11 00-1787	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.76	9.82
08 71 11 00-1788	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.77	9.82
08 71 11 00-1789	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.83	9.82
08 71 11 00-1790	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.84	9.82
08 71 11 00-1791	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	147.25	10.39
08 71 11 00-1792	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.31	10.39
08 71 11 00-1793	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.32	10.39
08 71 11 00-1794	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	168.39	10.39
08 71 11 00-1795	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	177.69	10.97
08 71 11 00-1796	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	184.76	10.97
08 71 11 00-1797	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	191.82	10.97
08 71 11 00-1798	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	201.14	11.55
08 71 11 00-1799	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	208.20	11.55
08 71 11 00-1800	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	215.21	11.55
08 71 11 00-1801	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.77	9.82
08 71 11 00-1802	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.46	9.82
08 71 11 00-1803	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	139.17	9.82
08 71 11 00-1804	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.85	9.82
08 71 11 00-1805	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.86	10.39
08 71 11 00-1806	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	164.52	10.39
08 71 11 00-1807	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	172.20	10.39
08 71 11 00-1808	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	179.91	10.39
08 71 11 00-1809	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	189.90	10.97
08 71 11 00-1810	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	197.56	10.97
08 71 11 00-1811	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	205.24	10.97
08 71 11 00-1812	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	215.21	11.55
08 71 11 00-1813	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	222.95	11.55
08 71 11 00-1814	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	230.63	11.55

08 71 11 00-1815 Mop Plate *(08 71 11 00-0793)*
Note: Ives 8400. See CSI section 08 71 11 00-0793 for 8" High Plates.

08 71 11 00-1816 Aluminum Base Material Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1817 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1816)*
Note: US28

08 71 11 00-1818	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.90	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1819	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.50	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1820	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	54.03	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1821	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.63	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1822	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.61	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1823	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.14	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1824	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.74	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1825	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	63.28	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1826	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.83	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1827	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	68.40	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1828	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.97	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1829	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.84	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1830	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.44	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	76.98	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.55	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.90	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.28	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.63	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	70.39	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	72.71	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.12	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	77.43	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	81.77	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	84.12	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	86.50	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	91.16	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	93.54	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1845	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	95.86	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1846 Brass Base Material Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1847 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1846)*
Note: US3/US4

08 71 11 00-1848	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	84.45	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1849	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	89.13	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	93.74	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	98.38	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	104.37	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	108.98	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	113.62	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	118.23	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	124.84	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	129.45	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1858	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	134.06	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1859	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	141.01	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1860	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	145.62	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	150.29	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	109.94	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	116.85	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	123.80	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	130.72	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	139.05	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	146.02	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	152.91	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	159.89	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	168.73	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	175.71	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	182.66	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	191.89	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1874	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	198.83	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1875	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	205.75	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1876 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1846)*
Note: US10/US10B

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1877	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	90.46	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	95.61	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	100.79	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	105.95	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	112.51	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	117.69	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	122.87	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	128.05	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	135.14	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	140.32	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	145.50	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1888	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	152.99	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1889	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	158.17	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	163.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	118.87	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	126.67	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	134.42	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	157.25	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	151.28	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	159.03	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	166.77	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	174.51	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	184.27	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	192.02	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	199.76	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1902	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	209.81	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1903	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	217.56	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1904	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	225.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1905 Stainless Base Material Mop Plate *(08 71 11 00-1815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 71 11 00-1906 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1905)*
Note: US26/US26D

08 71 11 00-1907	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	89.56	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	94.62	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	99.71	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	104.80	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	111.24	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	116.33	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	121.42	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	126.48	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	133.54	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	138.66	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1917	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	143.75	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1918	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	151.15	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1919	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	156.21	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	161.30	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	117.51	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.10	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	132.76	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	140.41	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	149.38	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	157.03	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	164.63	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	172.28	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	181.89	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	189.48	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1931	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	197.13	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1932	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	207.04	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1933	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	214.69	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1934	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	222.31	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1935		Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1905)* Note: US32D		
08 71 11 00-1936	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.42	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.08	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	55.81	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	57.50	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1940	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.60	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.33	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	63.99	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.71	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.37	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	71.09	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.82	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1947	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.79	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1948	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.51	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1949	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.21	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1950	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.75	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.33	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.89	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.48	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	73.38	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	75.94	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.52	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	81.08	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1958	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.62	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1959	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	88.15	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	90.70	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1961	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	95.60	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1962	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	98.12	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1963	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	100.71	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964		Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1905)*		
		Note: US32		
08 71 11 00-1965	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.84	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	78.61	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	82.38	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	86.09	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	91.24	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.99	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	98.76	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	102.53	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	108.20	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.97	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	115.74	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1976	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	121.79	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1977	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.56	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1978	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	129.27	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	95.46	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	101.15	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	106.77	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	112.40	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	119.37	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.00	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	130.62	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	136.25	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	143.86	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	149.49	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	155.12	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	163.05	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1991	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	168.65	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1992	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	174.27	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1993		Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1905)*		
		Note: US15		
08 71 11 00-1994	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	91.49	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1995	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	96.69	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1996	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	101.99	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1997	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	107.26	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1998	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	113.90	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1999	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	119.14	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2000	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	124.41	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2001	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	129.67	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2002	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	136.93	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2003	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	142.17	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2004	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	147.40	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2005	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	155.01	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2006	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	160.28	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2007	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	165.48	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2008	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	120.41	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2009	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	128.29	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2010	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	136.18	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2011	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	144.06	8.43
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2012	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	153.33	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2013	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	161.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2014	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	169.10	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2015	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	177.02	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2016	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	186.86	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2017	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	194.78	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2018	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	202.66	9.24
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2019	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	212.86	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2020	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	220.74	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2021	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	228.66	9.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-2022 Plastic Mop Plate *(08 71 11 00-1815)*

08 71 11 00-2023 Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-2022)*

Note: With four beveled edges.

08 71 11 00-2024	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	49.24	8.43
08 71 11 00-2025	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	50.66	8.43
08 71 11 00-2026	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	52.10	8.43
08 71 11 00-2027	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	53.52	8.43
08 71 11 00-2028	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.31	8.78
08 71 11 00-2029	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	57.73	8.78
08 71 11 00-2030	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	59.14	8.78
08 71 11 00-2031	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	60.59	8.78
08 71 11 00-2032	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	63.96	9.24
08 71 11 00-2033	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	65.38	9.24
08 71 11 00-2034	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	66.79	9.24
08 71 11 00-2035	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	70.52	9.82
08 71 11 00-2036	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.97	9.82
08 71 11 00-2037	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	73.38	9.82
08 71 11 00-2038	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	57.06	8.43
08 71 11 00-2039	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	59.21	8.43
08 71 11 00-2040	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	61.33	8.43
08 71 11 00-2041	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	63.45	8.43
08 71 11 00-2042	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	66.99	8.78
08 71 11 00-2043	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	69.11	8.78
08 71 11 00-2044	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.23	8.78
08 71 11 00-2045	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	73.36	8.78
08 71 11 00-2046	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	77.47	9.24
08 71 11 00-2047	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	79.59	9.24
08 71 11 00-2048	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	81.72	9.24
08 71 11 00-2049	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	86.18	9.82
08 71 11 00-2050	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	88.30	9.82
08 71 11 00-2051	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	90.43	9.82

08 71 11 00-2052 Armor Door Plate *(08 71 11 00-0793)*

Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.

08 71 11 00-2053	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	31.02	1.44
08 71 11 00-2054	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	29.74	1.12
08 71 11 00-2055	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	34.14	1.44
08 71 11 00-2056	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	32.86	1.12
08 71 11 00-2057	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	70.32	1.44
08 71 11 00-2058	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	69.04	1.12

08 71 11 00-2059 Pull Handle And Plates *(08 71 11 00-0793)*

08 71 11 00-2060 Pull Handle *(08 71 11 00-2059)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2061	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	63.57	9.53
		For Stainless Steel, Add	*10.69*	
		For Brass, Add	*14.51*	
08 71 11 00-2062	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	66.87	9.53
		For Stainless Steel, Add	*12.08*	
		For Brass, Add	*16.39*	
08 71 11 00-2063	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	72.08	9.53
		For Stainless Steel, Add	*14.27*	
		For Brass, Add	*19.36*	
08 71 11 00-2064	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	74.97	9.53
		For Stainless Steel, Add	*15.48*	
		For Brass, Add	*21.01*	
08 71 11 00-2065	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	80.20	9.53
		For Stainless Steel, Add	*17.68*	
		For Brass, Add	*23.99*	
08 71 11 00-2066	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	86.96	9.53
		For Stainless Steel, Add	*20.52*	
		For Brass, Add	*27.84*	
08 71 11 00-2067	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	67.12	9.53
		For Stainless Steel, Add	*12.18*	
		For Brass, Add	*16.54*	
08 71 11 00-2068	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	74.33	9.53
		For Stainless Steel, Add	*15.21*	
		For Brass, Add	*20.65*	
08 71 11 00-2069	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	75.51	9.53
		For Stainless Steel, Add	*15.71*	
		For Brass, Add	*21.32*	
08 71 11 00-2070	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	148.31	9.53
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*20.83*	
		For Brass, Add	*19.17*	
08 71 11 00-2071	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	152.77	9.53
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*21.67*	
		For Brass, Add	*19.95*	
08 71 11 00-2072	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	161.74	9.53
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*23.37*	
		For Brass, Add	*21.51*	
08 71 11 00-2073	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	213.65	9.53
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*33.18*	
		For Brass, Add	*30.54*	

08 71 11 00-2074 Pull Plate *(08 71 11 00-2059)*

08 71 11 00-2075	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	101.43	7.22
		For Stainless Steel, Add	*42.81*	
		For Brass, Add	*54.42*	
08 71 11 00-2076	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	103.95	7.22
		For Stainless Steel, Add	*44.30*	
		For Brass, Add	*56.31*	
08 71 11 00-2077	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	109.70	7.22
		For Stainless Steel, Add	*47.69*	
		For Brass, Add	*60.62*	

08 71 11 00-2078 Push Bars And Plates *(08 71 11 00-0793)*

08 71 11 00-2079 Push Bars *(08 71 11 00-2078)*

08 71 11 00-2080	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	311.26	7.22
08 71 11 00-2081	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	274.58	7.22
		For Brass Push Bar, Add	*42.75*	
08 71 11 00-2082	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	284.89	7.22
		For Brass Push Bar, Add	*44.55*	
08 71 11 00-2083	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	540.91	7.22
		For Brass Push Bar, Add	*89.09*	

08 71 11 00-2084 Push Plates *(08 71 11 00-2078)*

08 71 11 00-2085 Aluminum Push Plates *(08 71 11 00-2084)*

08 71 11 00-2086 Clear Anodized Finish, Aluminum Push Plates *(08 71 11 00-2085)*

Note: Ives 8200 Series.

08 71 11 00-2087	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.10	7.22
08 71 11 00-2088	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.10	7.22
08 71 11 00-2089	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.10	7.22
08 71 11 00-2090	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	51.71	7.22

08 71 11 00-2091 Stainless Steel Push Plates *(08 71 11 00-2084)*

08 71 11 00-2092 Satin Finish, Stainless Steel Push Plates *(08 71 11 00-2091)*

Note: Ives 8200 Series.

08 71 11 00-2093	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	47.10	7.22
08 71 11 00-2094	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	50.65	7.22
08 71 11 00-2095	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	58.75	7.22
08 71 11 00-2096	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	70.73	7.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2097		**Brass Push Plates** *(08 71 11 00-2084)*		
08 71 11 00-2098		**Bright/Satin Brass Finish, Brass Push Plates** *(08 71 11 00-2097)* Note: Ives 8200 Series.		
08 71 11 00-2099	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	57.93	7.22
08 71 11 00-2100	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	67.03	7.22
08 71 11 00-2101	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	88.96	7.22
08 71 11 00-2102	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	103.37	7.22
08 71 11 00-2103		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 11 00-2097)* Note: Ives 8200 Series.		
08 71 11 00-2104	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	65.21	7.22
08 71 11 00-2105	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	72.61	7.22
08 71 11 00-2106	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	92.69	7.22
08 71 11 00-2107	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	112.50	7.22
08 71 11 00-2108		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2097)* Note: Ives 8200 Series.		
08 71 11 00-2109	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	65.21	7.22
08 71 11 00-2110	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	72.61	7.22
08 71 11 00-2111	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	96.24	7.22
08 71 11 00-2112	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	114.47	7.22
08 71 11 00-2113		**Satin Nickel Finish, Brass Push Plates** *(08 71 11 00-2097)* Note: Ives 8200 Series.		
08 71 11 00-2114	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	65.21	7.22
08 71 11 00-2115	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	74.46	7.22
08 71 11 00-2116	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	101.85	7.22
08 71 11 00-2117	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	120.08	7.22
08 71 11 00-2118		**Anti-Vandal Pull** *(08 71 11 00-2078)*		
08 71 11 00-2119	EA	Anti-Vandal Pull With Astragal (Trimco 1096HA)	365.63	14.43
08 71 11 00-2120	EA	Anti-Vandal Pull Without Astragal (Trimco 1097HA)	365.63	14.43
08 71 11 00-2121		**Exit Devices** *(08 71 11)*		
08 71 11 00-2122		**Push Bar Exit Device, Von Duprin Series 22** *(08 71 11 00-2121)* Note: Grade 1, BHMA 156.3.		
08 71 11 00-2123	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22) Note: Anodized finish: aluminum or dark brown.	798.00	129.91
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2124	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F) Note: Anodized finish: aluminum or dark brown.	887.35	129.91
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2125	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227) Note: Anodized finish: aluminum or dark brown.	1,156.53	155.90
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2126	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F) Note: Anodized finish: aluminum or dark brown.	1,379.08	144.34
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2127	EA	Dummy Trim (Von Duprin Series 22, 210DT) Note: Anodized finish: aluminum or dark brown.	108.23	21.66
08 71 11 00-2128	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL) Note: Anodized finish: aluminum or dark brown.	232.78	28.87
08 71 11 00-2129	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K) Note: Anodized finish: aluminum or dark brown.	436.37	43.30
08 71 11 00-2130	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L) Note: Anodized finish: aluminum or dark brown.	432.26	43.30
08 71 11 00-2131	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP) Note: Anodized finish: aluminum or dark brown.	431.22	43.30
08 71 11 00-2132	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE) Note: Anodized finish: aluminum or dark brown.	343.17	43.30
08 71 11 00-2133	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO) Note: Anodized finish: aluminum or dark brown.	138.92	17.32
08 71 11 00-2134	EA	Dummy Trim (Von Duprin Series 22, 230DT) Note: Anodized finish: aluminum or dark brown.	160.77	21.66
08 71 11 00-2135	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL) Note: Anodized finish: aluminum or dark brown.	287.38	28.87
08 71 11 00-2136	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE) Note: Anodized finish: aluminum or dark brown.	339.06	43.30
08 71 11 00-2137	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE) Note: Anodized finish: aluminum or dark brown.	338.02	43.30
08 71 11 00-2138		**Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 11 00-2121)* Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2139	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,742.98	129.91
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*139.66*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*143.01*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*53.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*407.79*	
08 71 11 00-2140	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,379.64	155.90
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*196.39*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*201.11*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*189.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*74.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*573.46*	
08 71 11 00-2141	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F)	2,427.23	155.90
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*201.15*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*205.98*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*194.11*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*76.44*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*587.36*	
08 71 11 00-2142	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547)	2,460.69	178.99
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*198.15*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*202.90*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*191.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*75.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*578.59*	
08 71 11 00-2143	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F)	2,583.43	178.99
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*210.42*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*215.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*203.06*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*79.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*614.43*	
08 71 11 00-2144	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548)	2,755.02	178.99
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*227.58*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*233.04*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*219.61*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*86.48*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*664.53*	
08 71 11 00-2145	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F)	2,877.76	178.99
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*239.85*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*245.61*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*231.46*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*91.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*700.37*	
08 71 11 00-2146	EA	Dummy Trim (Von Duprin Series 33/35, DT)	393.40	21.66
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*32.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*98.01*	
08 71 11 00-2147	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)	442.27	28.87
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.88*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*105.54*	
08 71 11 00-2148	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL)	720.90	28.87
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*61.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*24.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*186.90*	
08 71 11 00-2149	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)	732.42	43.30
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*59.54*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*23.44*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*180.15*	
08 71 11 00-2150	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)	869.99	43.30
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*72.81*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*220.32*	
08 71 11 00-2151	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)	852.64	43.30
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*215.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2152	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T) Note: Anodized finish: aluminum or dark brown.	860.75	43.30
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*217.62*	
08 71 11 00-2153		**Push Bar Exit Device, Von Duprin Series 98/99** *(08 71 11 00-2121)* Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2154	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,600.46	129.91
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.50*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*121.64*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*194.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*397.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.40*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*184.34*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*125.40*	
08 71 11 00-2155	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,819.82	129.91
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*89.88*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*142.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*228.38*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*467.06*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*147.34*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*216.59*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*147.34*	
08 71 11 00-2156	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,438.57	129.91
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*105.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*169.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*346.21*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*109.21*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*160.54*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*109.21*	
08 71 11 00-2157	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,605.48	129.91
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*195.15*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*399.12*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.91*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.08*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*125.91*	
08 71 11 00-2158	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,288.18	155.90
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*114.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*181.63*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*290.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*593.57*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*187.25*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*275.25*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*187.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2159	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F)	2,585.50	155.90
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*132.36*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*210.47*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*336.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*687.82*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*216.98*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*318.96*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*216.98*	
08 71 11 00-2160	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947)	2,400.58	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*178.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*186.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*297.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*609.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*192.14*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*282.44*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*192.14*	
08 71 11 00-2161	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F)	2,704.51	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*206.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*215.85*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*344.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*705.41*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*222.53*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*327.12*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*222.53*	
08 71 11 00-2162	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948)	2,711.11	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*207.56*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*216.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*345.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*707.51*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*223.19*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*328.09*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*223.19*	
08 71 11 00-2163	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F)	2,456.42	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*183.88*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*191.79*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*306.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*626.77*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*197.72*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*290.65*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*197.72*	
08 71 11 00-2164	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	2,149.38	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*155.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*162.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*258.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*529.44*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*167.02*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*245.51*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*167.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2165	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,416.24	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*180.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*300.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*614.03*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*193.70*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*284.74*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*193.70*	
08 71 11 00-2166	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	2,326.97	155.90
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*116.59*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*185.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*296.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*605.87*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*191.13*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*280.95*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*191.13*	
08 71 11 00-2167	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,480.49	155.90
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*125.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*200.28*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*320.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*654.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*206.48*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*303.52*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*206.48*	
08 71 11 00-2168	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)	2,265.85	161.66
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*67.81*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*177.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*284.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*581.00*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*183.28*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*269.42*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*183.28*	
08 71 11 00-2169	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F)	2,489.16	161.66
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.08*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*199.44*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*318.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*651.79*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*205.61*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*302.25*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*205.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2170	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949)	2,050.47	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*146.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*152.41*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*243.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*498.08*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*157.12*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*230.97*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*157.12*	
08 71 11 00-2171	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F)	2,223.56	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*162.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*270.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*552.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*174.43*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*256.42*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*174.43*	
08 71 11 00-2172	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC)	2,229.74	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*162.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*271.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*554.91*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*175.05*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*257.32*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*175.05*	
08 71 11 00-2173	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F)	2,538.84	178.99
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*191.54*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*199.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*319.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*652.90*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*205.96*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*302.76*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*205.96*	
08 71 11 00-2174	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	3,579.54	150.12
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*492.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,006.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*317.54*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*118.12*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*132.73*	
		For Center Case Dogging (CD-CX), Add	*294.56*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*317.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2175	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,798.90	150.12
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*526.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,076.13*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*339.47*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*126.28*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*141.90*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*339.47*	
08 71 11 00-2176	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,256.48	184.77
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*581.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,190.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*375.42*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*139.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*156.92*	
		For Center Case Dogging (CD-CX), Add	*294.56*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*375.42*	
08 71 11 00-2177	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,479.81	184.77
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*616.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,260.86*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*397.75*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*147.96*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*166.26*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*397.75*	
08 71 11 00-2178	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,284.56	150.12
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*291.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*596.08*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*188.04*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*69.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*107.93*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*188.04*	
08 71 11 00-2179	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,503.92	150.12
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*325.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*665.62*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*209.98*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*78.11*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*120.53*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*209.98*	
08 71 11 00-2180	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,961.50	184.77
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*381.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*779.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*245.92*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*91.48*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*141.16*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*245.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2181	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,184.81	184.77
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*415.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*850.35*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*268.25*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*99.79*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*153.97*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*268.25*	
08 71 11 00-2182	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO) Note: Satin chrome plated US26D (BHMA 626) finish.	186.61	17.32
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*4.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*6.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*23.87*	
08 71 11 00-2183	EA	Dummy Trim (Von Duprin Series 98/99, 990DT) Note: Satin chrome plated US26D (BHMA 626) finish.	276.16	21.66
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.13*	
08 71 11 00-2184	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	408.07	28.87
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.82*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*55.63*	
08 71 11 00-2185	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	314.86	28.87
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.02*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.53*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*39.78*	
08 71 11 00-2186	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	713.50	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*17.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*26.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*101.67*	
08 71 11 00-2187	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	620.29	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*15.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.72*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*85.82*	
08 71 11 00-2188	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE) Note: Satin chrome plated US26D (BHMA 626) finish.	620.29	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*15.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.72*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*85.82*	
08 71 11 00-2189	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	602.06	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.60*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*82.72*	
08 71 11 00-2190	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	508.85	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.87*	
08 71 11 00-2191	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT) Note: Satin chrome plated US26D (BHMA 626) finish.	508.85	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.87*	
08 71 11 00-2192	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	584.24	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.06*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*79.69*	
08 71 11 00-2193	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	491.03	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.85*	
08 71 11 00-2194	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE) Note: Satin chrome plated US26D (BHMA 626) finish.	491.03	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.85*	
08 71 11 00-2195	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	574.20	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*77.98*	
08 71 11 00-2196	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	481.00	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2197	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT) Note: Satin chrome plated US26D (BHMA 626) finish.	481.00	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.14*	
08 71 11 00-2198	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP) Note: Satin chrome plated US26D (BHMA 626) finish.	519.59	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*12.12*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.19*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*68.70*	
08 71 11 00-2199	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP) Note: Satin chrome plated US26D (BHMA 626) finish.	426.39	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.86*	
08 71 11 00-2200	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE) Note: Satin chrome plated US26D (BHMA 626) finish.	426.39	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.86*	
08 71 11 00-2201	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL) Note: Satin chrome plated US26D (BHMA 626) finish.	425.38	43.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.68*	

08 71 11 00-2202 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2121)*

08 71 11 00-2203	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	1,012.86	43.30
08 71 11 00-2204	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	863.52	43.30
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Panic Device Control Board, Add	*71.80*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2205	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	658.68	43.30
08 71 11 00-2206	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	409.86	43.30
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2207	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	670.37	43.30
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2208	EA	6 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS906)	1,016.05	43.88
		For Owner Furnished Material, Deduct	*-900.58*	
08 71 11 00-2209	EA	4 Amperes (3 Amperes Wet) Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914 x 900-2RS)	1,021.49	43.88
		For Owner Furnished Material, Deduct	*-906.02*	
08 71 11 00-2210	EA	Request to Exit Push Pad Monitor Switch (RX)	236.47	28.87
08 71 11 00-2211	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin) Note: For Von Duprin Series 33A/35A/98/99 Exit Device	1,111.34	

08 71 11 00-2212 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2121)*

08 71 11 00-2213	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices.	589.42	28.87
		For Owner Furnished Material, Deduct	*-473.95*	
08 71 11 00-2214	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices.	626.51	28.87
		For Owner Furnished Material, Deduct	*-511.04*	
08 71 11 00-2215	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices.	1,026.59	28.87
		For Owner Furnished Material, Deduct	*-911.12*	
08 71 11 00-2216	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices.	1,008.16	34.65
		For Owner Furnished Material, Deduct	*-869.59*	
08 71 11 00-2217	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	1,045.25	34.65
		For Owner Furnished Material, Deduct	*-906.68*	
08 71 11 00-2218	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	1,126.65	34.65
		For Owner Furnished Material, Deduct	*-988.08*	
08 71 11 00-2219	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	1,056.32	28.87
		For Owner Furnished Material, Deduct	*-940.85*	
08 71 11 00-2220	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	1,105.21	28.87
		For Owner Furnished Material, Deduct	*-989.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2221	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	1,204.32	28.87
		For Owner Furnished Material, Deduct	*-1,088.85*	
08 71 11 00-2222	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	1,638.38	34.65
		For Owner Furnished Material, Deduct	*-1,499.81*	
08 71 11 00-2223	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	1,687.27	34.65
		For Owner Furnished Material, Deduct	*-1,548.70*	
08 71 11 00-2224	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	3,223.69	34.65
		For Owner Furnished Material, Deduct	*-3,085.12*	
08 71 11 00-2225	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	123.46	23.09
		For Owner Furnished Material, Deduct	*-77.27*	
08 71 11 00-2226		**Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55** *(08 71 11 00-2121)* Note: Grade 1, BHMA 156.3.		
08 71 11 00-2227	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	2,314.35	129.91
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*247.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*285.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*375.87*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*409.33*	
08 71 11 00-2228	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	2,979.83	178.99
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*315.08*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*362.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*477.61*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*520.12*	
08 71 11 00-2229	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.	3,259.04	178.99
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*350.26*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*403.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*530.94*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*578.20*	
08 71 11 00-2230	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.	3,048.86	178.99
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*323.77*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*372.60*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*490.80*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*534.48*	
08 71 11 00-2231	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.	3,319.83	178.99
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*357.92*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*411.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*542.55*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*590.84*	
08 71 11 00-2232	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.	2,310.27	161.66
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*236.53*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*272.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*358.55*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*390.47*	
08 71 11 00-2233	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.	2,492.64	161.66
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*259.51*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*298.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*393.39*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*428.40*	
08 71 11 00-2234	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	396.72	21.66
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.71*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*49.15*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*64.75*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*70.51*	
08 71 11 00-2235	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	176.66	30.61
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*12.07*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*13.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*18.30*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*19.93*	
08 71 11 00-2236	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	662.42	30.61
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*73.28*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*84.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*111.08*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*120.97*	
08 71 11 00-2237	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	709.41	43.30
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*86.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*113.44*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*123.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2238	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	583.23	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*58.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*67.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*89.34*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*97.29*	
08 71 11 00-2239	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	709.41	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*86.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*113.44*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*123.54*	
08 71 11 00-2240	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	818.63	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.60*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*101.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*134.30*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*146.26*	
08 71 11 00-2241		**Cross Bar Exit Device, Von Duprin Series 88** *(08 71 11 00-2121)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2242	EA	42" Crossbar, Rim Type, Exit Device	1,462.27	129.91
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.59*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.71*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*304.62*	
08 71 11 00-2243	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,708.52	129.91
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.22*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*43.59*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*371.85*	
08 71 11 00-2244	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,893.21	155.90
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*45.80*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*47.28*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*403.35*	
08 71 11 00-2245	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,425.87	155.90
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*62.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*64.32*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*548.77*	
08 71 11 00-2246	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,822.67	178.99
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*41.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*42.99*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*366.76*	
08 71 11 00-2247	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	2,307.03	178.99
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*56.66*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*58.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*498.99*	
08 71 11 00-2248	EA	42" Crossbar, Mortise Lock, Exit Device	1,957.90	161.66
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*47.27*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*48.80*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*416.29*	
08 71 11 00-2249	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	2,083.61	161.66
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*51.17*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*52.82*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*450.61*	
08 71 11 00-2250	EA	Dummy Trim (Von Duprin Series 88, DT)	220.54	21.66
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*5.05*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*5.21*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*44.44*	
08 71 11 00-2251	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	346.10	28.87
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.22*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*72.42*	
08 71 11 00-2252	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)	616.21	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*15.52*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*16.02*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*136.70*	
08 71 11 00-2253	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L)	574.99	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*14.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*14.70*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*125.45*	
08 71 11 00-2254	EA	Knob Trim With Cylinder (Von Duprin Series 88, K)	428.13	43.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.01*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*85.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2255	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP) Note: Anodized finish: dull brass or dull bronze.	428.13	43.30
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.01*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*85.36*	
08 71 11 00-2256		**Push Bar Exit Device, Precision Hardware Apex 2000 Series** *(08 71 11 00-2121)* Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2257	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	2,205.96	129.91
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,859.53*	
08 71 11 00-2258	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	2,333.73	129.91
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,987.30*	
08 71 11 00-2259	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	3,040.24	155.90
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,624.52*	
08 71 11 00-2260	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	3,168.01	155.90
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,752.29*	
08 71 11 00-2261	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	268.13	17.32
		For Owner Furnished Material, Deduct	*-221.94*	
08 71 11 00-2262	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	731.94	21.66
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2263	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	789.67	43.30
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2264	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	957.81	43.30
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2265	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	957.81	43.30
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2266	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	957.81	43.30
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2267	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	194.13	17.32
		For Owner Furnished Material, Deduct	*-147.94*	
08 71 11 00-2268	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	424.27	21.66
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2269	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	447.37	28.87
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2270	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	629.94	43.30
		For Owner Furnished Material, Deduct	*-514.47*	
08 71 11 00-2271	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	629.94	43.30
		For Owner Furnished Material, Deduct	*-514.47*	
08 71 11 00-2272		**Door Closers** *(08 71 11)* Note: Includes standard cover and arm.		
08 71 11 00-2273	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	504.44	33.48
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2274	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4010/4020/4110 Series)	617.47	33.48
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2275	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4040XP/4041 Series)	635.44	33.48
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2276	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	657.93	33.48
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2277	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	419.79	33.48
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2278	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	423.57	33.48
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2279	EA	Screen Door - Closer	57.51	12.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2280	EA	Screen Door - Locking Handle	62.66	18.03

08 71 11 00-2281 Concealed Door Closers *(08 71 11)*

08 71 11 00-2282	EA	Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,421.56	99.31
08 71 11 00-2283	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,527.49	99.31
08 71 11 00-2284	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	729.57	40.41
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2285	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	791.54	40.41
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2286 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with strike plate, knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2287 Locksmith Services *(08 71 11 00-2286)*

08 71 11 00-2288	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	2.18	
		For >50, Deduct	*-0.44*	
08 71 11 00-2289	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	138.63	
		For >5, Deduct	*-13.86*	
08 71 11 00-2290	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	138.63	
		For >5, Deduct	*-13.86*	
08 71 11 00-2291	EA	Removal And Replacement Of Cylinder With New Cylinder Note: Excludes core.	161.82	
		For >5, Deduct	*-13.86*	
08 71 11 00-2292	EA	Open Locked Doors	138.63	
08 71 11 00-2293	EA	Install Owner Furnished Cores And Cylinders	58.16	

08 71 11 00-2294 Mortise Locksets And Latchsets *(08 71 11 00-2286)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 11 00-2295	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	864.45	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*24.72*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*22.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*37.45*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*264.39*	
08 71 11 00-2296	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset Note: Locked with thumb knob inside.	1,030.87	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.21*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.46*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.77*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*323.14*	
08 71 11 00-2297	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,148.58	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*34.09*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*30.99*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*51.66*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*364.69*	
08 71 11 00-2298	EA	Classroom F05 Mortise Lockset Note: Locked with key outside. Inside always unlocked.	1,071.26	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*31.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.67*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*47.79*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*337.39*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*81.32*	
08 71 11 00-2299	EA	Storeroom/Closet F07 Mortise Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	1,071.26	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*31.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.67*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*47.79*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*337.39*	
08 71 11 00-2300	EA	Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,197.87	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*35.72*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*32.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*54.12*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*382.09*	
08 71 11 00-2301	EA	Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,029.71	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.17*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.43*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.71*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*322.73*	

08 71 11 00-2302 Locks And Latches *(08 71 11 00-2286)*

08 71 11 00-2303 Preassembled Locks And Latches *(08 71 11 00-2302)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2304	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	1,964.44	28.87
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*56.34*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*93.89*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*662.88*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*349.28*	
		For Grade 2, Deduct	*-730.48*	
08 71 11 00-2305	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220)	2,128.61	28.87
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*61.26*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*102.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*720.83*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*379.81*	
		For Grade 2, Deduct	*-794.34*	
08 71 11 00-2306	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	2,422.98	28.87
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	
08 71 11 00-2307	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	2,422.98	28.87
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	
08 71 11 00-2308	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	2,422.98	28.87
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	
08 71 11 00-2309		**Bored Locks And Latches** *(08 71 11 00-2302)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2310	EA	Passage/Closet F75 Bored Latchset	302.88	28.87
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*5.62*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*9.37*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*66.16*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*34.86*	
		For Grade 2, Deduct	*-9.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.75*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2311	EA	Bath/Bedroom Privacy F76 Bored Lockset	347.57	28.87
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.96*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*11.61*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*81.93*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*43.17*	
		For Grade 2, Deduct	*-11.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.64*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2312	EA	Entrance/Office F82 Bored Lockset	383.61	28.87
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2313	EA	Classroom F84 Bored Lockset	383.61	28.87
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2314	EA	Storeroom/Closet F86 Bored Lockset	383.61	28.87
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2315	EA	Corridor/Dormitory F90 Bored Lockset Note: Locked with key outside and push button inside.	383.61	28.87
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	

08 71 11 00-2316 Heavy-Duty Cylinder Lever Locksets *(08 71 11 00-2302)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/8" backset. (Corbin Russwin CL 3500).

08 71 11 00-2317	EA	Heavy-Duty Cylindrical, F75 Passage Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	589.94	28.87
08 71 11 00-2318	EA	Heavy-Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	636.56	28.87
08 71 11 00-2319	EA	Heavy-Duty Cylindrical, F82 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	700.08	28.87
08 71 11 00-2320	EA	Heavy-Duty Cylindrical, F84 Classroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	700.08	28.87
08 71 11 00-2321	EA	Heavy-Duty Cylindrical, F86 Storeroom Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	700.08	28.87
08 71 11 00-2322	EA	Heavy-Duty Cylindrical, F109 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	700.08	28.87
08 71 11 00-2323	EA	Heavy-Duty Cylindrical Full Dummy Trim Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	551.83	28.87

08 71 11 00-2324 Extra Heavy-Duty Cylinder Lever Locksets *(08 71 11 00-2302)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/4" backset. (Corbin Russwin CL 3300).

08 71 11 00-2325	EA	Extra Heavy-Duty Cylindrical, F75 Passage Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	653.18	28.87
08 71 11 00-2326	EA	Extra Heavy-Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	729.73	28.87
08 71 11 00-2327	EA	Extra Heavy-Duty Cylindrical, F82 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	793.29	28.87
08 71 11 00-2328	EA	Extra Heavy-Duty Cylindrical, F84 Classroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	793.29	28.87
08 71 11 00-2329	EA	Extra Heavy-Duty Cylindrical, F86 Storeroom Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	793.29	28.87
08 71 11 00-2330	EA	Extra Heavy-Duty Cylindrical, F109 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	793.29	28.87
08 71 11 00-2331	EA	Extra Heavy-Duty Cylindrical, F87 Utility Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	856.84	28.87
08 71 11 00-2332	EA	Extra Heavy-Duty Cylindrical Full Dummy Trim Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	581.52	28.87

08 71 11 00-2333 Hospital Locksets *(08 71 11 00-2302)*

Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.

08 71 11 00-2334	EA	Push/Pull Hospital Latch (Glynn Johnson HL6)	617.76	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*116.91*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*116.91*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*79.80*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*70.52*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*107.63*	
08 71 11 00-2335	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8)	701.89	28.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*116.91*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*116.91*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*79.80*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*70.52*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*107.63*	

08 71 11 00-2336 Occupancy Indicator Locks *(08 71 11 00-2302)*

08 71 11 00-2337	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571) Note: Standard finish is satin chrome	146.89	28.85
		For Bright Brass Finish, Add	*5.28*	
		For Oil Rubbed Bronze Finish, Add	*14.12*	
		For Aged Bronze Finish, Add	*5.28*	
		For Satin Nickel Finish, Add	*5.28*	
08 71 11 00-2338	EA	Occupancy Indicator Lock And Lever (Vizilok C3F) Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides	221.42	28.85
		For Oil Rubbed Bronze Finish, Add	*5.73*	

08 71 11 00-2339 Other Locks *(08 71 11 00-2286)*

Note: BHMA A156.5.

08 71 11 00-2340	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	1,018.35	150.12
08 71 11 00-2341	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	2,330.67	300.24
08 71 11 00-2342	EA	Combination Lock, Security, CD-X09	4,054.54	87.25
08 71 11 00-2343	EA	Norden Box Lock	736.62	50.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2344	EA	One Sided Deadbolt For Restroom Or Public Toilet Note: No exterior plate.	111.06	
08 71 11 00-2345	EA	Firehose Extinguisher Cabinet Lock	98.43	
08 71 11 00-2346	EA	Single Door Magnetic Locking Device, Aluminum Finish, Time Delay (ROFU 8011-LC-TD-US28)	1,086.07	72.75
08 71 11 00-2347	EA	Single Door Magnetic Locking Device, Brown Finish (ROFU 8011-LC-US40)	960.32	72.75
08 71 11 00-2348	EA	Single Door Magnetic Locking Device, Aluminum Finish (ROFU 8011-LC-US28)	960.32	72.75
08 71 11 00-2349	EA	12 Volt Delayed Egress System: (1) 1,500 Lb. Holding Force Magnetic Lock, (1) Microswitch Bar, (1) Stainless Door Cord For Wires To Bar (ROFU 8011-004-12)	1,992.09	92.38
08 71 11 00-2350	EA	24 Volt Delayed Egress System: (1) 1,500 Lb. Holding Force Magnetic Lock, (1) Microswitch Bar, (1) Stainless Door Cord For Wires To Bar (ROFU 8011-004-24)	2,083.98	92.38
08 71 11 00-2351	EA	1,200 Lb. Electromagnetic Lock With Infrared Remote Release (PowerMag RRPM1200PAK)	1,069.26	72.75
08 71 11 00-2352	EA	Surface Mounted Aluminum Storefront Door Closer (Norton 1601BF AL)	357.21	33.48
08 71 11 00-2353	EA	Surface Mounted Door Closer, Aluminum Finish (Norton 8301-689)	520.95	33.48
08 71 11 00-2354	EA	Surface Mounted Multi-Size Unitrol Door Closer, Aluminum Finish (Norton UNI8301-689)	724.67	33.48
08 71 11 00-2355	EA	Surface Mounted Door Closer, Aluminum Finish (Norton 8501-689)	424.58	33.48
08 71 11 00-2356	EA	Surface Mounted Multi-Size Unitrol Door Closer, Aluminum Finish (Norton UNI8501-689)	690.72	33.48
08 71 11 00-2357	EA	Surface Mounted High Security Door Closer, Aluminum Finish With Full Metal Cover (Norton 8501M-689)	453.60	33.48
08 71 11 00-2358	EA	Surface Mounted High Security Door Closer, Aluminum Finish With Architectural Plastic Cover (Norton 8501A-689)	615.29	33.48
08 71 11 00-2359	EA	12 Button Industrial Electronic Cylindrical Lock With Key Override (Alarm Lock DL3000IC26D)	1,798.46	72.70
08 71 11 00-2360	EA	12 Button Industrial Electronic Cylindrical Lock With HID Proximity Cards, Key Override (Alarm Lock PDL3000IC26D)	2,444.61	72.70
08 71 11 00-2361	EA	12 Button Industrial Electronic Mortise Lock With Key Override (Alarm Lock DL3500CRL26D)	2,020.01	72.70
08 71 11 00-2362	EA	3' General Security Chain With Green Vinyl Sleeve (Master Lock 73D)	11.99	
08 71 11 00-2363	EA	6' General Security Chain With Smoke Gray Vinyl Sleeve (Master Lock 74D)	23.51	
08 71 11 00-2364	EA	Resettable Combination Lock With 1" Hardened Steel Shackle (Master Lock 175D)	40.97	
08 71 11 00-2365	EA	2-1/8" Shrouded Iron Padlock (Master Lock 6521WO)	47.52	
08 71 11 00-2366	EA	2-5/8" Shrouded Iron Padlock (Master Lock 6527WO)	66.38	
08 71 11 00-2367	EA	1 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W1)	101.54	
08 71 11 00-2368	EA	15 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W15)	139.85	
08 71 11 00-2369	EA	27 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W27)	149.52	
08 71 11 00-2370	EA	Pin Tumbler Padlock, Red (American Lock A1105RED KD)	24.79	
08 71 11 00-2371	EA	Pin Tumbler Padlock, Red (American Lock A1106RED KD)	24.55	
08 71 11 00-2372	EA	6 Volt Battery (Alarm Lock BP6)	79.34	
08 71 11 00-2373	EA	6 Volt Battery (Alarm Lock S6061)	100.99	
08 71 11 00-2374	EA	6 Volt Battery (Alarm Lock S6065)	103.40	
08 71 11 00-2375	EA	Surface Mounted Door Alarm (Alarm Lock PG21MS)	514.40	58.16
08 71 11 00-2376	EA	Alarm Lock Keypad (Alarm Lock DK3000 26D)	834.56	58.16
08 71 11 00-2377	EA	Removal And Replacement Of 2-3/8" Deadbolt (Lori Lock 4510 26D5001)	63.75	

08 71 11 00-2378 Pushbutton Combination Locks *(08 71 11 00-2286)*

08 71 11 00-2379 Mechanical Pushbutton Combination Locks *(08 71 11 00-2378)*

Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.

08 71 11 00-2380 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series) *(08 71 11 00-2379)*

Note: Satin chrome or antique brass finish.

08 71 11 00-2381	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)	851.53	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2382	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)	917.50	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2383	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)	943.88	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2384	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)	1,009.85	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2385	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)	963.67	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2386	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)	1,029.64	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2387	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)	1,056.03	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2388	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)	1,122.00	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	

08 71 11 00-2389 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)

(08 71 11 00-2379)

Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.

08 71 11 00-2390	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	947.84	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2391	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	1,000.62	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2392	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,106.16	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2393	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,145.75	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2394	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,145.75	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2395	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,079.78	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	

08 71 11 00-2396 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)

(08 71 11 00-2379)

Note: Satin chrome or antique brass finish.

08 71 11 00-2397	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,154.98	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2398	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,194.56	72.70
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	

08 71 11 00-2399 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)

(08 71 11 00-2379)

Note: Satin stainless, bright brass or antique brass finish.

08 71 11 00-2400	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	472.87	72.70
		For Schlage Core, Add	*49.35*	
08 71 11 00-2401	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	647.03	72.70
		For Schlage Core, Add	*49.35*	

08 71 11 00-2402 Electrical Pushbutton Combination Locks *(08 71 11 00-2378)*

Note: Privacy option limits access to privileged users (master codes).

08 71 11 00-2403 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 11 00-2404	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	884.51	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2405	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,042.84	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2406	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,082.42	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2407	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,016.45	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2408	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	950.48	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2409	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,082.42	72.70
		For Satin Brass Finish, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2410	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,108.80	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2411	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,148.38	72.70
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2412	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,082.42	72.70
		For Satin Brass Finish, Add	*17.50*	

08 71 11 00-2413 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 11 00-2414	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,148.38	72.70
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2415	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,148.38	72.70
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2416 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2417	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,352.88	72.70
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2418	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,352.88	72.70
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2419 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2420	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,458.43	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2421	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,590.37	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2422	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,616.76	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2423	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,656.34	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2424	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,590.37	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2425 Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2426	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,085.13	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2427	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,217.07	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2428	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,243.45	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2429	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,283.03	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2430	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,217.07	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.62*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2431 Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2432	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	2,982.29	72.70
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	

08 71 11 00-2433 Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2434	EA	Twelve Button, Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,854.24	72.70
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2435 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2402)*

08 71 11 00-2436	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	892.32	
08 71 11 00-2437	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	1,156.19	
08 71 11 00-2438	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,552.00	
08 71 11 00-2439	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	452.76	
08 71 11 00-2440	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series)	139.92	
		Note: Includes 4 C-cell battery pack.		
08 71 11 00-2441	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	167.62	

08 71 11 00-2442 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2402)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2443	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,115.40	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-824.60*	
08 71 11 00-2444	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,273.72	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-982.92*	
08 71 11 00-2445	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,313.30	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	
08 71 11 00-2446	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,247.34	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-956.54*	
08 71 11 00-2447	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,181.37	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-890.57*	
08 71 11 00-2448	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,313.30	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2449	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,339.69	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,048.89*	
08 71 11 00-2450	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,379.27	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,088.47*	
08 71 11 00-2451	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,313.30	72.70
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	
08 71 11 00-2452		**Electrical Pushbutton Combination Locks (Schlage)** *(08 71 11 00-2402)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2453	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	1,047.75	72.17
		For Owner Furnished Material, Deduct	*-759.06*	
08 71 11 00-2454	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,218.15	72.17
		For Owner Furnished Material, Deduct	*-929.46*	
08 71 11 00-2455	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,378.59	72.17
		For Owner Furnished Material, Deduct	*-1,089.90*	
08 71 11 00-2456	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,810.13	72.17
		For Owner Furnished Material, Deduct	*-1,521.44*	
08 71 11 00-2457	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,981.63	72.17
		For Owner Furnished Material, Deduct	*-1,692.94*	
08 71 11 00-2458	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,183.02	72.17
		For Owner Furnished Material, Deduct	*-1,894.33*	
08 71 11 00-2459	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	2,003.77	72.17
		For Owner Furnished Material, Deduct	*-1,715.08*	
08 71 11 00-2460		**Residential Locks And Latchsets** *(08 71 11 00-2286)*		
08 71 11 00-2461	EA	Residential Entry Lockset With Knobs (Master Keyed)	86.43	17.45
08 71 11 00-2462	EA	Residential Privacy Lockset With Knobs	84.56	17.45
08 71 11 00-2463	EA	Residential Passage Lockset With Knobs	84.31	17.45
08 71 11 00-2464	EA	Residential Dummy Lockset With Knobs	66.76	14.54
08 71 11 00-2465	EA	Residential Entry Lockset With Levers (Master Keyed)	99.35	17.45
08 71 11 00-2466	EA	Residential Privacy Lockset With Levers	95.06	17.45
08 71 11 00-2467	EA	Residential Passage Lockset With Levers	91.95	17.45
08 71 11 00-2468	EA	Residential Dummy Lockset With Levers	68.24	14.54
08 71 11 00-2469		**Deadbolts** *(08 71 11 00-2286)*		
08 71 11 00-2470		**Cylindrical Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2469)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2471	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	210.75	28.87
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2472	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	242.09	28.87
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2473		**Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 11 00-2469)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2474	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	189.28	28.87
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2475	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	223.52	28.87
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2476		**Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2469)*		
		Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2477	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	273.30	28.87
08 71 11 00-2478	EA	Small Case Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	302.31	28.87
08 71 11 00-2479	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	267.50	28.87
08 71 11 00-2480		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2469)*		
		Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2481	EA	Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	352.22	28.87
08 71 11 00-2482	EA	Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	399.80	28.87
08 71 11 00-2483	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	311.60	28.87
08 71 11 00-2484		**Surface Mounted Deadbolts** *(08 71 11 00-2469)*		
08 71 11 00-2485	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	142.53	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2486	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	163.50	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2487	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	180.17	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2488	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	201.14	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2489		**Surface Mounted Deadlatches** *(08 71 11 00-2286)*		
08 71 11 00-2490	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	144.18	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2491	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	180.25	28.87
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2492		**Electric Strikes** *(08 71 11 00-2286)*		
08 71 11 00-2493	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	378.50	57.74
08 71 11 00-2494	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	1,139.96	57.74
08 71 11 00-2495	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	1,088.43	57.74
08 71 11 00-2496	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	835.26	57.74
08 71 11 00-2497	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,145.45	57.74
08 71 11 00-2498	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	1,123.09	57.74
08 71 11 00-2499	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,226.24	57.74
08 71 11 00-2500	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,140.89	57.74
08 71 11 00-2501	EA	12/24 Volt DC, 2,500 Lb. Static Strength, Stainless Steel Body, Dual Voltage Electric Strike Body Only (HES 1006)	555.69	57.74
08 71 11 00-2502	EA	12/24 Volt DC, 3,000 Lb. Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	690.63	57.74
08 71 11 00-2503	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	331.08	57.74
08 71 11 00-2504	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	331.08	57.74
08 71 11 00-2505	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	428.74	57.74
08 71 11 00-2506	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	774.14	57.74
08 71 11 00-2507	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	376.31	57.74
08 71 11 00-2508	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	710.35	57.74
08 71 11 00-2509	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500)	626.14	57.74
08 71 11 00-2510	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	741.83	76.21
08 71 11 00-2511	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	846.84	76.21
08 71 11 00-2512	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	742.39	76.21
08 71 11 00-2513		**Electric Hardware** *(08 71 11 00-2286)*		
08 71 11 00-2514	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other to electrify the lock.	208.81	
08 71 11 00-2515	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks to electrify the lock.	243.91	
08 71 11 00-2516	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	124.06	28.87
08 71 11 00-2517	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	407.06	28.87
08 71 11 00-2518	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	718.04	28.87
08 71 11 00-2519	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,108.38	28.87
08 71 11 00-2520	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,225.54	28.87
08 71 11 00-2521	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,466.33	28.87
08 71 11 00-2522	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,781.87	28.87
08 71 11 00-2523	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	103.63	28.87
08 71 11 00-2524	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	106.04	28.87
08 71 11 00-2525	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	120.82	28.87
08 71 11 00-2526	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	123.76	28.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2527	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	125.25	28.87
08 71 11 00-2528	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	133.74	28.87
08 71 11 00-2529	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	105.16	28.87
08 71 11 00-2530	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	117.01	28.87
08 71 11 00-2531	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	126.40	28.87
08 71 11 00-2532	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	142.62	28.87
08 71 11 00-2533	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	147.12	28.87
08 71 11 00-2534	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	119.97	28.87
08 71 11 00-2535	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	136.57	28.87
08 71 11 00-2536	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	80.55	28.87
08 71 11 00-2537	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	93.39	28.87
08 71 11 00-2538	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	100.18	28.87
08 71 11 00-2539	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	107.44	28.87
08 71 11 00-2540	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	145.26	28.87
08 71 11 00-2541	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	161.05	28.87
08 71 11 00-2542	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	85.80	28.87
08 71 11 00-2543	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	90.75	28.87
08 71 11 00-2544	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	105.49	28.87
08 71 11 00-2545	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	128.94	28.87
08 71 11 00-2546	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	149.93	28.87
08 71 11 00-2547	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	184.38	28.87
08 71 11 00-2548	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	94.05	28.87
08 71 11 00-2549	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	101.64	28.87
08 71 11 00-2550	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	759.03	28.87
08 71 11 00-2551	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	823.48	40.41

08 71 11 00-2552 Magnetic Locks *(08 71 11 00-2286)*

08 71 11 00-2553	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	856.18	138.57
08 71 11 00-2554	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	1,031.97	155.90
08 71 11 00-2555	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	1,012.07	138.57
08 71 11 00-2556	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,187.53	155.90
08 71 11 00-2557	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	1,056.92	150.12
08 71 11 00-2558	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,163.83	150.12
08 71 11 00-2559	EA	Electromagnetic Lock, 1,500 Lb. Holding Force, Aluminum (Schlage M490)	1,247.05	150.12
08 71 11 00-2560	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,366.22	173.22
08 71 11 00-2561	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,508.34	173.22
08 71 11 00-2562	EA	Electromagnetic Lock, 1,500 Lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,572.36	173.22
08 71 11 00-2563	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	468.36	57.74
08 71 11 00-2564	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	787.65	57.74
08 71 11 00-2565	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	953.59	57.74

08 71 11 00-2566 Door Coordinators *(08 71 11)*

08 71 11 00-2567	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	489.92	36.09
		For Anodized Aluminum Finish, Deduct	*-138.23*	
08 71 11 00-2568	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	514.58	37.53
		For Anodized Aluminum Finish, Deduct	*-145.78*	
08 71 11 00-2569	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	526.73	38.97
		For Anodized Aluminum Finish, Deduct	*-148.33*	
08 71 11 00-2570	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	549.68	40.41
		For Anodized Aluminum Finish, Deduct	*-155.21*	
08 71 11 00-2571	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	589.58	41.86
		For Anodized Aluminum Finish, Deduct	*-168.86*	
08 71 11 00-2572	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	114.82	11.55
		For Anodized Aluminum Finish, Deduct	*-27.45*	
08 71 11 00-2573	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	126.41	12.99
		For Anodized Aluminum Finish, Deduct	*-29.78*	
08 71 11 00-2574	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	145.33	14.43
		For Anodized Aluminum Finish, Deduct	*-35.04*	
08 71 11 00-2575	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	106.53	14.43
08 71 11 00-2576	EA	7" Projection COR Series Gravity Type Door Coordinator	157.38	21.66
		For Anodized Aluminum Finish, Deduct	*-28.31*	
08 71 11 00-2577	EA	9" Projection COR Series Gravity Type Door Coordinator	168.70	21.66
		For Anodized Aluminum Finish, Deduct	*-32.84*	

08 71 11 00-2578 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2579	EA	Removal And Reinstallation Of Door Lockset, Entrance	86.60	
08 71 11 00-2580	EA	Removal And Reinstallation Of Door Lockset, Mortise	138.56	
08 71 11 00-2581	EA	Removal And Reinstallation Of Deadbolt Lock	92.38	
08 71 11 00-2582	PR	Removal And Reinstallation Of Butts/Hinges	23.09	
08 71 11 00-2583	EA	Removal And Reinstallation Of Door Bumper	8.08	
08 71 11 00-2584	EA	Removal And Reinstallation Of Surface Mounted Panic Device	230.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2585	EA	Removal And Reinstallation Of Kick Plate	28.87	
08 71 11 00-2586	EA	Removal And Reinstallation Of Push Plate	23.09	
08 71 11 00-2587	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	115.47	
08 71 11 00-2588	EA	Removal And Reinstallation Of Door Handles	17.32	

08 71 11 00-2589 Electromagnetic Door Release *(08 71 11)*

08 71 11 00-2590	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	612.01	72.75
08 71 11 00-2591	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	596.33	72.75
08 71 11 00-2592	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	675.39	72.75
08 71 11 00-2593	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,142.07	72.75
08 71 11 00-2594	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,100.46	72.75
08 71 11 00-2595	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,100.46	72.75
08 71 11 00-2596	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	998.68	72.75
08 71 11 00-2597	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,256.02	72.75
08 71 11 00-2598	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,188.74	72.75
08 71 11 00-2599	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,478.45	72.75
08 71 11 00-2600	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	690.27	72.75
08 71 11 00-2601	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	678.11	72.75
08 71 11 00-2602	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	1,058.20	72.75
08 71 11 00-2603	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	729.14	72.75
08 71 11 00-2604	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	729.14	72.75
08 71 11 00-2605	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	729.14	72.75

08 71 13 Automatic Door Operators *(08 71)*

08 71 13 00-0001 Automatic Door Operators (LCN) *(08 71 13)*

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9131)	3,668.08	144.34
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9142)	3,668.08	144.34
08 71 13 00-0004	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator With Arms (LCN 9153)	7,219.49	230.96
08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,609.37	144.34
08 71 13 00-0006	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,609.37	144.34
08 71 13 00-0007	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9553)	7,928.13	230.96
08 71 13 00-0008	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9563)	9,345.41	230.96
08 71 13 00-0009	EA	Door Position Switch (LCN 8310-805)	74.13	
08 71 13 00-0010	EA	3-Position Key Switch (LCN 8310-806K)	411.47	
08 71 13 00-0011	EA	4-3/4" x 4-3/4" Wall Mount Actuator (LCN 8310-813)	994.66	
08 71 13 00-0012	EA	1-1/2" x 4-3/4" Jamb Mount Actuator (LCN 8310-818)	216.80	
08 71 13 00-0013	EA	36" High Full Length Actuator (LCN 8310-836T)	903.88	
08 71 13 00-0014	EA	6" Round Wall Mount Actuator (LCN 8310-852)	302.26	
08 71 13 00-0015	EA	42" x 4" x 6" Post Bollard (LCN 8310-866)	1,065.42	
08 71 13 00-0016	EA	Small Format Interchangeable Core (SFIC) Horizontal Tailpiece Rim Cylinder (Schlage 80-116-ICX)	116.36	
08 71 13 00-0017	EA	Small Format Interchangeable Core (SFIC) 7 Pin Interchangeable Core (Falcon C607)	150.02	

08 71 13 00-0018 Automatic Door Operators (Stanley) *(08 71 13)*

08 71 13 00-0019	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	4,443.19	144.34
08 71 13 00-0020	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	284.07	
08 71 13 00-0021	EA	Power Supply (Stanley Precision ELR151)	990.05	
08 71 13 00-0022	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	3,211.08	115.47
08 71 13 00-0023	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	509.43	77.02
08 71 13 00-0024	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	340.85	38.38
08 71 13 00-0025	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	211.52	38.38
08 71 13 00-0026	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	336.42	38.38
08 71 13 00-0027	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,153.06	57.63

08 71 13 00-0028 Miscellaneous Devices *(08 71 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0029	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	620.44	43.30
08 71 13 00-0030	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	179.63	25.98
08 71 13 00-0031	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	230.69	25.98
08 71 13 00-0032	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	125.41	25.98

08 71 53 Security Door Hardware *(08 71)*

08 71 53 00-0001 Door Exit Alarm Hardware *(08 71 53)*

08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	392.26	43.30
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	546.74	43.30
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	458.25	43.30
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	594.87	43.30
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	689.33	57.74
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	120.51	57.74

08 72 Weatherstripping, Thresholds and Seals *(08 70)*

08 72 33 Weatherstripping and Seals *(08 72)*

08 72 33 00-0001 Weather-Stripping And Seals *(08 72 33)*

08 72 33 00-0002 Astragals *(08 72 33 00-0001)*
Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 72 33 00-0003 Adhesive Backed Astragals *(08 72 33 00-0002)*

08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	5.47	0.87
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	6.13	0.87
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	4.61	0.87

08 72 33 00-0007 Overlapping Astragals *(08 72 33 00-0002)*

08 72 33 00-0008 Aluminum, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	21.26	5.19
		For Color Anodized Finish, Add	*3.30*	

08 72 33 00-0010 Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	44.71	5.19

08 72 33 00-0012 "T" Astragals *(08 72 33 00-0002)*

08 72 33 00-0013 Aluminum, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	13.23	5.19
		For Color Anodized Finish, Add	*1.04*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	17.09	5.19
		For Color Anodized Finish, Add	*1.36*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	17.69	5.19
		For Color Anodized Finish, Add	*2.60*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	34.21	5.19
		For Color Anodized Finish, Add	*8.38*	
08 72 33 00-0018	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BS)	89.81	5.19
08 72 33 00-0019	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CS)	19.84	5.19
08 72 33 00-0020	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Satin Nickel Anodized Aluminum, "T" Astragal (Pemko 355SNS)	23.15	5.19

08 72 33 00-0021 Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0022	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	54.06	5.19
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0023 Locking Astragals *(08 72 33 00-0002)*

08 72 33 00-0024 Outswing Locking Astragals *(08 72 33 00-0023)*
Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.

08 72 33 00-0025 Aluminum, Outswing Locking Astragals *(08 72 33 00-0024)*

08 72 33 00-0026	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	46.37	5.19
		For Color Anodized Finish, Add	*7.22*	
08 72 33 00-0027	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	54.11	5.19
		For Color Anodized Finish, Add	*8.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0028	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	52.23	5.19
		For Thermal Break, Add	*2.52*	
08 72 33 00-0029	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	58.52	5.19
		For Thermal Break, Add	*2.90*	
08 72 33 00-0030		**Inswing Locking Astragals** *(08 72 33 00-0023)* Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0031		**Wood, Inswing Locking Astragals** *(08 72 33 00-0030)*		
08 72 33 00-0032	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	54.58	5.19
08 72 33 00-0033	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q) Note: Includes kerf-in foam seal.	54.30	5.19
08 72 33 00-0034		**Aluminum, Inswing Locking Astragals** *(08 72 33 00-0030)*		
08 72 33 00-0035	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	30.15	5.19
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.98*	
08 72 33 00-0036	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	36.62	5.19
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*5.27*	
08 72 33 00-0037	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	32.60	5.19
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*4.47*	
08 72 33 00-0038	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	39.01	5.19
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*5.75*	
08 72 33 00-0039		**Security Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0040	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	28.00	5.19
		For Color Anodized Finish, Add	*17.73*	
08 72 33 00-0041	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	48.36	5.19
08 72 33 00-0042		**Meeting Stile Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0043		**One Piece, Meeting Stile Astragals** *(08 72 33 00-0042)* Note: Includes an astragal for one door only.		
08 72 33 00-0044	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	16.87	5.19
		For Color Anodized Finish, Add	*1.98*	
08 72 33 00-0045	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	26.40	7.73
		For Color Anodized Finish, Add	*4.40*	
08 72 33 00-0046	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	35.97	7.73
		For Color Anodized Finish, Add	*2.06*	
08 72 33 00-0047	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	37.19	7.73
		For Color Anodized Finish, Add	*5.45*	
08 72 33 00-0048	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	35.16	7.73
08 72 33 00-0049		**Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0042)* Note: Includes one astragal for each door.		
08 72 33 00-0050	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	20.47	7.73
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0051	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	20.47	7.73
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0052	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	20.47	7.73
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0053	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	33.88	7.73
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.69*	
08 72 33 00-0054	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	27.28	7.73
		For Color Anodized Finish, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0055	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	28.16	7.73
		For Color Anodized Finish, Add	*5.10*	
08 72 33 00-0056	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	34.76	7.73
		For Color Anodized Finish, Add	*9.68*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0057	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	35.64	7.73
		For Color Anodized Finish, Add	*8.09*	
08 72 33 00-0058	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	36.52	7.73
		For Color Anodized Finish, Add	*8.44*	

08 72 33 00-0059 Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0042)*

Note: Includes one astragal for each door.

08 72 33 00-0060 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0059)*

08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	67.73	7.73
		For Color Anodized Finish, Add	*13.08*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	69.12	7.73
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*10.74*	

08 72 33 00-0063 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0059)*

08 72 33 00-0064	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	163.73	7.73
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0065	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	153.35	7.73
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0066 Door Sweeps *(08 72 33 00-0001)*

08 72 33 00-0067 Tack On Door Sweeps *(08 72 33 00-0066)*

08 72 33 00-0068	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	7.32	2.89
08 72 33 00-0069	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	7.45	2.89
08 72 33 00-0070	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	7.84	2.89

08 72 33 00-0071 Aluminum Retainer Door Sweeps *(08 72 33 00-0066)*

08 72 33 00-0072 35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

08 72 33 00-0073	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	17.92	5.77
		For Color Anodized Finish, Add	*2.55*	
08 72 33 00-0074	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	18.58	5.77
		For Color Anodized Finish, Add	*2.46*	

08 72 33 00-0075 45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)*

Note: The retainer mounts to the door face with the sweep positioned 45-degrees from the door. Includes clear anodized finish.

08 72 33 00-0076	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	29.13	5.77
		For Color Anodized Finish, Add	*7.04*	
08 72 33 00-0077	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	31.77	5.77
		For Color Anodized Finish, Add	*8.09*	
08 72 33 00-0078	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	37.48	5.77
		For Color Anodized Finish, Add	*10.38*	

08 72 33 00-0079 90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 72 33 00-0080	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	20.11	5.77
		For Color Anodized Finish, Add	*0.86*	
08 72 33 00-0081	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	19.89	5.77
		For Color Anodized Finish, Add	*0.84*	
08 72 33 00-0082	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	21.43	5.77
		For Color Anodized Finish, Add	*3.46*	
08 72 33 00-0083	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	22.09	5.77
		For Color Anodized Finish, Add	*4.22*	
08 72 33 00-0084	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	19.45	5.77
		For Color Anodized Finish, Add	*1.98*	
08 72 33 00-0085	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	25.61	5.77
		For Color Anodized Finish, Add	*2.81*	
08 72 33 00-0086	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	20.77	5.77
		For Color Anodized Finish, Add	*1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0087	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	15.00	5.77
		For Color Anodized Finish, Add	*1.73*	
08 72 33 00-0088	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	15.17	5.77
		For Color Anodized Finish, Add	*1.82*	
08 72 33 00-0089	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	17.04	5.77
		For Color Anodized Finish, Add	*1.93*	
08 72 33 00-0090		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0091		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0090)*		
08 72 33 00-0092	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	17.48	5.77
		For Color Anodized Finish, Add	*2.38*	
08 72 33 00-0093	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	17.92	5.77
		For Color Anodized Finish, Add	*2.55*	
08 72 33 00-0094	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	21.43	5.77
		For Color Anodized Finish, Add	*3.46*	
08 72 33 00-0095		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0090)*		
08 72 33 00-0096	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	21.65	5.77
		For Color Anodized Finish, Add	*4.04*	
08 72 33 00-0097	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	22.09	5.77
		For Color Anodized Finish, Add	*4.22*	
08 72 33 00-0098	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	23.94	5.77
		For Color Anodized Finish, Add	*4.96*	
08 72 33 00-0099		Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0100	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	15.50	5.77
08 72 33 00-0101	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	15.50	5.77
08 72 33 00-0102	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	15.72	5.77
08 72 33 00-0103		Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0066)*		
08 72 33 00-0104		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0103)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0105	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	15.06	5.77
		For Color Anodized Finish, Add	*2.46*	
08 72 33 00-0106	LF	1/4" Vinyl Insert, 90 Degree, Clear Anodized Aluminum Retainer Door Sweep (Pemko 3452CV)	17.04	5.77
08 72 33 00-0107	LF	1/4" Vinyl Insert, 90 Degree, Satin Nickel Anodized Aluminum Retainer Door Sweep (Pemko 3452SNV)	17.39	5.77
08 72 33 00-0108	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	17.92	5.77
		For Color Anodized Finish, Add	*2.55*	
08 72 33 00-0109	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	20.06	5.77
		For Color Anodized Finish, Add	*1.70*	
08 72 33 00-0110	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	20.44	5.77
		For Color Anodized Finish, Add	*1.78*	
08 72 33 00-0111		Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0112		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0111)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0113	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	24.73	5.77
08 72 33 00-0114		Oak Retainer Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0115		90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0114)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0116	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	19.67	5.77
08 72 33 00-0117	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	23.14	5.77
08 72 33 00-0118		Door Shoes And Bottoms *(08 72 33 00-0001)*		
08 72 33 00-0119		Door Shoes *(08 72 33 00-0118)*		
08 72 33 00-0120		Aluminum Retainer Door Shoes *(08 72 33 00-0119)*		
08 72 33 00-0121		Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0120)*		
08 72 33 00-0122	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	16.82	5.77
		For Color Anodized Finish, Add	*2.11*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0123	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	17.48	5.77
		For Color Anodized Finish, Add	*2.38*	

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08 72 33 00-0124	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	23.85	5.77
		For Color Anodized Finish, Add	*2.46*	
08 72 33 00-0125		**Side Mount, Aluminum Retainer Door Shoes** *(08 72 33 00-0120)*		
08 72 33 00-0126	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	19.67	5.77
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0127		**L Or U Shaped, Aluminum Retainer Door Shoes** *(08 72 33 00-0120)*		
08 72 33 00-0128	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	17.92	5.77
		For Color Anodized Finish, Add	*3.19*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0129	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	19.23	5.77
		For Color Anodized Finish, Add	*3.08*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	19.67	5.77
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	28.61	5.77
		For Color Anodized Finish, Add	*3.41*	
08 72 33 00-0132	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	29.05	5.77
		For Color Anodized Finish, Add	*3.50*	
08 72 33 00-0133	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216APK)	23.44	5.77
08 72 33 00-0134	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 216SNPK)	29.44	5.77
08 72 33 00-0135	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217APK)	21.42	5.77
08 72 33 00-0136	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 217SNPK)	29.49	5.77
08 72 33 00-0137		**L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes** *(08 72 33 00-0120)*		
08 72 33 00-0138	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	18.36	5.77
		For Color Anodized Finish, Add	*3.41*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0139	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	19.67	5.77
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0140	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	19.89	5.77
		For Color Anodized Finish, Add	*3.34*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0141		**Vinyl Door Shoes** *(08 72 33 00-0119)*		
08 72 33 00-0142	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	22.65	5.77
08 72 33 00-0143	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	27.66	5.77
08 72 33 00-0144		**Door Bottoms** *(08 72 33 00-0118)*		
08 72 33 00-0145		**Automatic Door Bottoms** *(08 72 33 00-0144)*		
08 72 33 00-0146		**Aluminum Automatic Door Bottoms** *(08 72 33 00-0145)*		
08 72 33 00-0147	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	40.49	5.77
		For Color Anodized Finish, Add	*5.79*	
08 72 33 00-0148	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	58.62	5.77
		For Color Anodized Finish, Add	*9.42*	
08 72 33 00-0149		**Door Top Protection** *(08 72 33 00-0001)*		
08 72 33 00-0150	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	14.06	4.61
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.32*	
08 72 33 00-0151	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	14.06	4.61
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.32*	
08 72 33 00-0152	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	18.14	4.61
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.44*	
08 72 33 00-0153	EA	For 20 Oz Copper Drip Cap For Exterior Door	67.94	
08 72 33 00-0154		**Perimeter Gasketing Weather-Strip** *(08 72 33 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0155		**Adhesive Backed Perimeter Gasketing Weather-Strip** *(08 72 33 00-0154)*		
08 72 33 00-0156	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	4.45	2.89
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0157	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	4.50	2.89
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0158	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	6.05	2.89
08 72 33 00-0159	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	4.92	2.89
08 72 33 00-0160	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	6.63	2.89
		For Intumescent Seal, Add	*1.50*	

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08 72 33 00-0161	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	6.11	2.89
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0162	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	8.23	2.89
08 72 33 00-0163	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	7.57	2.89
08 72 33 00-0164		Kerf-In Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0165	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.91	2.89
08 72 33 00-0166	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	6.06	2.89
08 72 33 00-0167	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	4.43	2.89
08 72 33 00-0168	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	4.37	2.89
08 72 33 00-0169	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	5.84	2.89
08 72 33 00-0170		Cushion/Spring Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0171		Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0170)*		
08 72 33 00-0172	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	8.60	2.89
08 72 33 00-0173	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	8.60	2.89
08 72 33 00-0174	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	9.17	2.89
08 72 33 00-0175	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	9.28	2.89
08 72 33 00-0176		Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0170)*		
08 72 33 00-0177	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	8.29	2.89
08 72 33 00-0178	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	9.17	2.89
08 72 33 00-0179	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	10.12	2.89
08 72 33 00-0180		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0181		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0180)*		
08 72 33 00-0182	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	8.30	2.89
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0183	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	8.30	2.89
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0184	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	8.30	2.89
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0185	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	15.00	2.89
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0186	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	15.44	2.89
		For Color Anodized Finish, Add	*4.84*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	15.44	2.89
		For Color Anodized Finish, Add	*3.38*	
08 72 33 00-0188		Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0180)*		
08 72 33 00-0189		Standard Jamb, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	14.67	2.89
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0191		Head Section, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0192	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	16.41	2.89
08 72 33 00-0193		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0194		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0193)*		
08 72 33 00-0195	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	22.77	2.89
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0196	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	38.00	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0197		Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0193)*		
08 72 33 00-0198		Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0197)*		
08 72 33 00-0199	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	32.94	2.89
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0200		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0201	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	20.65	5.77
		For Color Anodized Finish, Add	*3.64*	
08 72 33 00-0202	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	21.41	5.77
		For Color Anodized Finish, Add	*3.95*	
08 72 33 00-0203		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)* Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0204	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	27.44	2.89
		For Color Anodized Finish, Add	*4.33*	
08 72 33 00-0205	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	28.98	2.89
		For Color Anodized Finish, Add	*4.64*	
08 72 33 00-0206		Perimeter Gasketing Weather-Strip Applied To Header *(08 72 33 00-0154)*		
08 72 33 00-0207	LF	1-1/2" Wide x 1/4" High, Silicon Insert, Perimeter Gasketing (Pemko 2891AS)	18.68	5.77
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	31.43	9.24
		For Color Anodized Finish, Add	*3.34*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	35.17	9.24
		For Color Anodized Finish, Add	*4.84*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	40.72	11.54
		For Color Anodized Finish, Add	*8.31*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	44.92	11.54
		For Color Anodized Finish, Add	*8.04*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	49.96	11.54
		For Color Anodized Finish, Add	*7.39*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	57.43	11.54
		For Color Anodized Finish, Add	*7.15*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	68.93	13.85
		For Color Anodized Finish, Add	*8.58*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	73.98	13.85
		For Color Anodized Finish, Add	*9.84*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	82.04	13.85
		For Color Anodized Finish, Add	*11.85*	
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	34.52	9.24
		For Color Anodized Finish, Add	*4.00*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	34.74	9.24
		For Color Anodized Finish, Add	*5.83*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	42.48	11.54
		For Color Anodized Finish, Add	*9.54*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	46.77	11.54
		For Color Anodized Finish, Add	*8.96*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	50.39	11.54
		For Color Anodized Finish, Add	*7.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	57.43	11.54
		For Color Anodized Finish, Add	*7.15*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	71.56	13.85
		For Color Anodized Finish, Add	*12.93*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	76.18	13.85
		For Color Anodized Finish, Add	*16.62*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	80.80	13.85
		For Color Anodized Finish, Add	*18.47*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	69.33	9.24
08 72 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	104.69	9.24
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	126.77	11.54
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	151.25	11.54
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	175.05	11.54
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	202.25	11.54
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	259.03	13.85
08 72 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	137.65	11.54
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	164.85	11.54
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	192.05	11.54
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	226.05	11.54
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	319.10	13.85
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	303.50	13.85
08 72 43 00-0044		Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	117.25	11.54
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	124.05	11.54
08 72 43 00-0048		Half Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0049		Aluminum Half Saddle Thresholds *(08 72 43 00-0048)* Note: Includes mill finish.		
08 72 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	50.91	11.54
		For Color Anodized Finish, Add	*8.82*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	66.88	11.54
		For Color Anodized Finish, Add	*3.80*	
08 72 43 00-0053		Offset Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0054		Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)* Note: Includes mill finish.		
08 72 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	51.05	11.54
		For Color Anodized Finish, Add	*11.10*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	56.77	11.54
		For Color Anodized Finish, Add	*9.77*	
08 72 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	51.05	11.54
		For Color Anodized Finish, Add	*11.10*	
08 72 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	58.97	11.54
		For Color Anodized Finish, Add	*10.54*	
08 72 43 00-0062		Modular Ramp Thresholds *(08 72 43 00-0001)* Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	54.93	11.54
		For Non-Slip Surfacing, Add	*95.55*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	69.01	12.70
		For Non-Slip Surfacing, Add	*122.14*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	88.19	14.43
		For Non-Slip Surfacing, Add	*166.15*	

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08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	112.96	15.00
		For Non-Slip Surfacing, Add	*223.99*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	131.81	16.16
		For Non-Slip Surfacing, Add	*298.50*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	163.82	17.89
		For Non-Slip Surfacing, Add	*332.90*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	182.80	19.62
		For Non-Slip Surfacing, Add	*373.26*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	193.90	20.78
		For Non-Slip Surfacing, Add	*380.88*	
08 72 43 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	94.27	14.43
		For Non-Slip Surfacing, Add	*176.63*	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	111.14	15.00
		For Non-Slip Surfacing, Add	*219.08*	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	139.38	17.31
		For Non-Slip Surfacing, Add	*272.38*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	164.28	18.46
		For Non-Slip Surfacing, Add	*331.11*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	189.08	19.62
		For Non-Slip Surfacing, Add	*389.58*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	206.91	20.78
		For Non-Slip Surfacing, Add	*429.94*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	254.39	21.93
		For Non-Slip Surfacing, Add	*547.40*	
08 72 43 00-0080		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	109.33	15.58
		For Non-Slip Surfacing, Add	*218.88*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	128.51	17.31
		For Non-Slip Surfacing, Add	*262.89*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	154.44	18.46
		For Non-Slip Surfacing, Add	*317.28*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	173.29	19.62
		For Non-Slip Surfacing, Add	*361.94*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	204.14	20.78
		For Non-Slip Surfacing, Add	*422.73*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	221.96	21.93
		For Non-Slip Surfacing, Add	*463.09*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	256.70	23.08
		For Non-Slip Surfacing, Add	*526.35*	
08 72 43 00-0088		Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0089		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	265.18	14.43
		For Non-Slip Surfacing, Add	*28.36*	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	409.92	14.43
		For Non-Slip Surfacing, Add	*45.73*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	813.52	20.20
		For Non-Slip Surfacing, Add	*92.78*	
08 72 43 00-0093		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	265.18	14.43
		For Non-Slip Surfacing, Add	*28.36*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	409.92	14.43
		For Non-Slip Surfacing, Add	*45.73*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	813.52	20.20
		For Non-Slip Surfacing, Add	*92.78*	
08 72 43 00-0097		Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)* Note: Includes vinyl or pile seal.		
08 72 43 00-0098		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)* Note: Includes mill finish.		
08 72 43 00-0099		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		
08 72 43 00-0100		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	62.49	11.54
		For Color Anodized Finish, Add	*11.77*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	51.27	11.54
		For Color Anodized Finish, Add	*11.21*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	69.52	11.54
		For Color Anodized Finish, Add	*14.23*	
		For Thermoseal, Add	*0.63*	

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08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	72.60	11.54
		For Color Anodized Finish, Add	*15.31*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0105		**1" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0099)*		
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	48.64	11.54
		For Color Anodized Finish, Add	*9.90*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	51.71	11.54
		For Color Anodized Finish, Add	*11.43*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0108		**Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0098)*		
08 72 43 00-0109		**7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0108)*		
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	55.01	11.54
		For Color Anodized Finish, Add	*10.46*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	57.87	11.54
		For Color Anodized Finish, Add	*11.61*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	62.05	11.54
		For Color Anodized Finish, Add	*11.62*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	66.77	11.54
		For Color Anodized Finish, Add	*13.27*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0114		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0097)*		
08 72 43 00-0115		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0114)*		
08 72 43 00-0116		**7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0115)*		
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	193.41	11.54
		For Thermoseal, Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	179.81	11.54
		For Thermoseal, Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	255.97	11.54
		For Thermoseal, Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	229.59	11.54
		For Thermoseal, Add	*0.63*	
08 72 43 00-0121		**1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0115)*		
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	190.42	11.54
		For Thermoseal, Add	*0.63*	
08 72 43 00-0123		**Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0114)*		
08 72 43 00-0124		**7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0123)*		
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	198.68	12.70
		For Thermoseal, Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	208.06	12.70
		For Thermoseal, Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	258.79	12.70
		For Thermoseal, Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	236.68	13.27
		For Thermoseal, Add	*0.63*	
08 72 43 00-0129		**Carpet Separator Thresholds** *(08 72 43 00-0001)*		
08 72 43 00-0130		**Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0129)* Note: Includes mill finish.		
08 72 43 00-0131		**3/8" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)*		
08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	36.49	9.24
		For Color Anodized Finish, Add	*5.36*	
08 72 43 00-0133		**7/16" Height, Aluminum, Carpet Separator Thresholds** *(08 72 43 00-0130)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	29.43	8.08
		For Color Anodized Finish, Add	*3.23*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	45.34	9.24
		For Color Anodized Finish, Add	*6.60*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	54.57	9.24
		For Color Anodized Finish, Add	*10.29*	
08 72 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	26.58	8.08
		For Color Anodized Finish, Add	*1.60*	
08 72 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	29.43	8.08
		For Color Anodized Finish, Add	*2.77*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	46.00	11.54
		For Color Anodized Finish, Add	*6.86*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	48.64	11.54
		For Color Anodized Finish, Add	*5.94*	
08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	106.18	9.24
08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	138.01	8.08
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	127.45	11.54
08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	44.55	9.24
08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	44.55	9.24
08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	47.12	11.54
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	50.69	11.54
08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	18.46	5.77
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	19.19	5.77
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	26.54	6.14
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	26.92	6.37
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	42.03	6.55
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	22.49	5.77
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	27.58	6.37
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	53.30	6.37
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	22.56	5.77
		For Color Anodized Finish, Add	*3.25*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	26.48	6.37
		For Color Anodized Finish, Add	*4.22*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	28.24	6.37
		For Color Anodized Finish, Add	*4.92*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0175		**1/2" Height, Aluminum Interlocking Residential Thresholds** *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	52.21	6.55
		For Color Anodized Finish, Add	*10.75*	
08 72 43 00-0177		**5/8" Height, Aluminum Interlocking Residential Thresholds** *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	34.03	6.14
		For Color Anodized Finish, Add	*5.61*	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	30.66	6.37
		For Color Anodized Finish, Add	*7.37*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	35.95	6.55
		For Color Anodized Finish, Add	*5.87*	
08 72 43 00-0181		**7/8" Height, Aluminum Interlocking Residential Thresholds** *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	39.46	6.55
		For Color Anodized Finish, Add	*11.54*	
08 72 43 00-0183		**Brass/Bronze Interlocking Residential Thresholds** *(08 72 43 00-0173)*		
08 72 43 00-0184		**1/2" Height, Brass/Bronze Interlocking Residential Thresholds** *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	142.18	6.55
08 72 43 00-0186		**5/8" Height, Brass/Bronze Interlocking Residential Thresholds** *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	107.73	6.37
08 72 43 00-0188		**7/8" Height, Brass/Bronze Interlocking Residential Thresholds** *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	145.58	6.55
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	207.25	6.74
08 72 43 00-0191		**Residential Door Sills** *(08 72 43 00-0001)*		
08 72 43 00-0192		**Fixed Aluminum Residential Door Sills** *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	28.91	6.55
		For Color Anodized Finish, Add	*6.27*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	31.10	6.74
		For Color Anodized Finish, Add	*5.70*	
08 72 43 00-0195		**Adjustable Aluminum Top, Aluminum Residential Door Sills** *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	42.34	6.55
		For Color Anodized Finish, Add	*9.09*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	43.46	6.74
		For Color Anodized Finish, Add	*9.31*	
08 72 43 00-0198		**Adjustable Wood Top, Aluminum Residential Door Sills** *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	42.94	6.37
		For Color Anodized Finish, Add	*9.45*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	43.39	6.55
		For Color Anodized Finish, Add	*6.75*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	45.32	6.74
		For Color Anodized Finish, Add	*7.12*	
08 72 43 00-0202		**Extenders For Aluminum Residential Door Sills** *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	17.04	5.77
		For Color Anodized Finish, Add	*3.85*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	18.79	5.77
		For Color Anodized Finish, Add	*3.63*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	20.55	5.77
		For Color Anodized Finish, Add	*2.25*	
08 72 43 00-0206		**Stone Thresholds** *(08 72 43 00-0001)*		
08 72 43 00-0207		**Marble Thresholds** *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	21.28	8.15
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	23.62	8.15
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	26.75	8.15
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	33.80	8.15
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	42.06	8.15
08 72 43 00-0213		**Corian Thresholds** *(08 72 43 00-0206)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	91.54	9.58

08 75 Window Hardware *(08 70)*

08 75 13 Automatic Window Equipment *(08 75)*

08 75 13 00-0001 Window Opener Electric, With 1/2 HP Motor *(08 75 13)*

08 75 13 00-0002	EA	Gym Window Electronic Opener	2,108.04	245.97

08 78 Special Function Hardware *(08 70)*

08 78 00 00-0001 Pad Locks *(08 78)*

08 78 00 00-0002	EA	Combination Padlock	17.68	5.78
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	33.39	5.78
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	31.26	5.78
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	33.90	5.78
08 78 00 00-0006	EA	Commercial U-Bar Lock	40.00	5.78
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	34.43	5.78
08 78 00 00-0008	EA	High Security Padlocks	31.61	5.78
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	19.23	5.78

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001 Key Cabinet *(08 79 13)*

08 79 13 00-0002 Key Cabinets *(08 79 13 00-0001)*

08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	471.67	20.78
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	636.93	23.08
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,430.47	34.62
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	3,689.59	46.16
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	3,938.23	30.59
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	8,899.49	23.08
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	198.32	9.24
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	282.88	11.54

08 79 13 00-0011 Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*

08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	270.47	17.32
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	306.45	17.32
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	58.89	
08 79 13 00-0015	EA	Relocate Heavy-Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	132.80	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001 Clear Float Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0002 Clear Float Factory Installed Glass *(08 81 23 13-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	8.74	
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.52*	
		For >400, Deduct	*-0.79*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	9.37	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.56*	
		For >400, Deduct	*-0.84*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	11.36	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	18.89	
		For >50 To 200, Deduct	*-0.57*	
		For >200 To 400, Deduct	*-1.13*	
		For >400, Deduct	*-1.70*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	27.48	
		For >50 To 200, Deduct	*-0.82*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.47*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	30.20	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.81*	
		For >400, Deduct	*-2.72*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	36.13	
		For >50 To 200, Deduct	*-1.08*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.25*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	44.63	
		For >50 To 200, Deduct	*-1.34*	
		For >200 To 400, Deduct	*-2.68*	
		For >400, Deduct	*-4.02*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	13.01	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.78*	
		For >400, Deduct	*-1.17*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	13.90	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.83*	
		For >400, Deduct	*-1.25*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	16.91	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.01*	
		For >400, Deduct	*-1.52*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	28.15	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.69*	
		For >400, Deduct	*-2.53*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	40.91	
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.45*	
		For >400, Deduct	*-3.68*	
		For Tinted Glass, Add	*10.23*	
		For Reflective Coated Glass, Add	*18.41*	
		For Low-E Coated Glass, Add	*10.23*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	44.94	
		For >50 To 200, Deduct	*-1.35*	
		For >200 To 400, Deduct	*-2.70*	
		For >400, Deduct	*-4.04*	
		For Tinted Glass, Add	*11.24*	
		For Reflective Coated Glass, Add	*20.22*	
		For Low-E Coated Glass, Add	*11.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	53.77	
		For >50 To 200, Deduct	*-1.61*	
		For >200 To 400, Deduct	*-3.23*	
		For >400, Deduct	*-4.84*	
		For Tinted Glass, Add	*13.44*	
		For Reflective Coated Glass, Add	*24.20*	
		For Low-E Coated Glass, Add	*13.44*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	66.42	
		For >50 To 200, Deduct	*-1.99*	
		For >200 To 400, Deduct	*-3.99*	
		For >400, Deduct	*-5.98*	
		For Tinted Glass, Add	*16.61*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*16.61*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	71.08	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	43.18	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	43.18	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	111.76	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	111.76	
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	122.17	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0034		Frosted Factory Installed Glass *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	56.50	
		For >50 To 200, Deduct	*-1.70*	
		For >200 To 400, Deduct	*-3.39*	
		For >400, Deduct	*-5.09*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	74.14	
		For >50 To 200, Deduct	*-2.22*	
		For >200 To 400, Deduct	*-4.45*	
		For >400, Deduct	*-6.67*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	93.71	
		For >50 To 200, Deduct	*-2.81*	
		For >200 To 400, Deduct	*-5.62*	
		For >400, Deduct	*-8.43*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	140.08	
		For >50 To 200, Deduct	*-4.20*	
		For >200 To 400, Deduct	*-8.40*	
		For >400, Deduct	*-12.61*	
08 81 23 13-0039		Fire Rated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0040		Fire Rated Factory Installed Glass *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	53.66	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	106.83	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	165.10	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	218.52	
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	35.44	
		For >50 To 200, Deduct	*-1.06*	
		For >200 To 400, Deduct	*-2.13*	
		For >400, Deduct	*-3.19*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	44.24	
		For >50 To 200, Deduct	*-1.33*	
		For >200 To 400, Deduct	*-2.65*	
		For >400, Deduct	*-3.98*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	51.11	
		For >50 To 200, Deduct	*-1.53*	
		For >200 To 400, Deduct	*-3.07*	
		For >400, Deduct	*-4.60*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0050		Insulated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0051		Insulated, Factory Installed Glass *(08 81 23 13-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass	21.80	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.96*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.27*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.00*	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass	23.82	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass	23.86	
		Note: Two 3/16" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.15*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.14*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	22.44	
		For >50 To 200, Deduct	*-0.67*	
		For >200 To 400, Deduct	*-1.35*	
		For >400, Deduct	*-2.02*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.54*	
		For Argon Gas, Add	*3.09*	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	23.82	
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.12*	
		For Argon Gas, Add	*3.28*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	27.54	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.48*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.51*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.51*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.70*	
		For Argon Gas, Add	*3.79*	

08 81 23 13-0062 3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*
Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass	24.09	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass	25.24	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass	27.99	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass	31.62	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.95*	
		For >200 To 400, Deduct	*-1.90*	
		For >400, Deduct	*-2.85*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	

08 81 23 13-0067 1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass	25.24	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	30.61	
		For >50 To 200, Deduct	*-0.92*	
		For >200 To 400, Deduct	*-1.84*	
		For >400, Deduct	*-2.75*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*13.01*	
		For Argon Gas, Add	*4.21*	
08 81 23 13-0072		Laminated Insulated Glass, Factory Installed Glass *(08 81 23 13-0050)*		
08 81 23 13-0073	SF	1" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	85.72	
		For >50 To 200, Deduct	*-2.57*	
		For >200 To 400, Deduct	*-5.14*	
		For >400, Deduct	*-7.71*	
		For Tinted Glass, Add	*12.86*	
		For Reflective Coated Glass, Add	*25.72*	
		For Low-E Coated Glass, Add	*21.43*	
		For Argon Gas, Add	*11.79*	
08 81 23 13-0074	SF	1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	104.08	
		For >50 To 200, Deduct	*-3.12*	
		For >200 To 400, Deduct	*-6.24*	
		For >400, Deduct	*-9.37*	
		For Tinted Glass, Add	*15.61*	
		For Reflective Coated Glass, Add	*31.22*	
		For Low-E Coated Glass, Add	*26.02*	
		For Argon Gas, Add	*14.31*	
08 81 23 13-0075	SF	1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	122.44	
		For >50 To 200, Deduct	*-3.67*	
		For >200 To 400, Deduct	*-7.35*	
		For >400, Deduct	*-11.02*	
		For Tinted Glass, Add	*18.37*	
		For Reflective Coated Glass, Add	*36.73*	
		For Low-E Coated Glass, Add	*30.61*	
		For Argon Gas, Add	*16.84*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

Note: For replacement of existing glazing (use glass removal modifiers) and includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	24.28	
		For >50 To 200, Deduct	*-1.66*	
		For >200 To 400, Deduct	*-3.01*	
		For >400, Deduct	*-4.05*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.66*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	26.11	
		For >50 To 200, Deduct	*-1.79*	
		For >200 To 400, Deduct	*-3.24*	
		For >400, Deduct	*-4.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.56*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	29.29	
		For >50 To 200, Deduct	*-1.95*	
		For >200 To 400, Deduct	*-3.55*	
		For >400, Deduct	*-4.79*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	39.21	
		For >50 To 200, Deduct	*-2.40*	
		For >200 To 400, Deduct	*-4.38*	
		For >400, Deduct	*-5.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.24*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	50.19	
		For >50 To 200, Deduct	*-2.87*	
		For >200 To 400, Deduct	*-5.28*	
		For >400, Deduct	*-7.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.03*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	55.31	
		For >50 To 200, Deduct	*-3.17*	
		For >200 To 400, Deduct	*-5.83*	
		For >400, Deduct	*-7.99*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	67.21	
		For >50 To 200, Deduct	*-3.88*	
		For >200 To 400, Deduct	*-7.14*	
		For >400, Deduct	*-9.78*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.31*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	81.69	
		For >50 To 200, Deduct	*-4.67*	
		For >200 To 400, Deduct	*-8.61*	
		For >400, Deduct	*-11.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.80*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	28.55	
		For >50 To 200, Deduct	*-1.79*	
		For >200 To 400, Deduct	*-3.27*	
		For >400, Deduct	*-4.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.66*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	30.64	
		For >50 To 200, Deduct	*-1.92*	
		For >200 To 400, Deduct	*-3.51*	
		For >400, Deduct	*-4.77*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.56*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	34.84	
		For >50 To 200, Deduct	*-2.12*	
		For >200 To 400, Deduct	*-3.88*	
		For >400, Deduct	*-5.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	48.47	
		For >50 To 200, Deduct	*-2.67*	
		For >200 To 400, Deduct	*-4.94*	
		For >400, Deduct	*-6.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.24*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	
08 81 23 23-0017	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	63.62	
		For >50 To 200, Deduct	*-3.27*	
		For >200 To 400, Deduct	*-6.09*	
		For >400, Deduct	*-8.45*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.03*	
		For Tinted Glass, Add	*10.23*	
		For Reflective Coated Glass, Add	*18.41*	
		For Low-E Coated Glass, Add	*10.23*	
08 81 23 23-0018	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	70.05	
		For >50 To 200, Deduct	*-3.61*	
		For >200 To 400, Deduct	*-6.71*	
		For >400, Deduct	*-9.32*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*11.24*	
		For Reflective Coated Glass, Add	*20.22*	
		For Low-E Coated Glass, Add	*11.24*	
08 81 23 23-0019	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	84.85	
		For >50 To 200, Deduct	*-4.41*	
		For >200 To 400, Deduct	*-8.20*	
		For >400, Deduct	*-11.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.31*	
		For Tinted Glass, Add	*13.44*	
		For Reflective Coated Glass, Add	*24.20*	
		For Low-E Coated Glass, Add	*13.44*	
08 81 23 23-0020	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	103.48	
		For >50 To 200, Deduct	*-5.33*	
		For >200 To 400, Deduct	*-9.91*	
		For >400, Deduct	*-13.76*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.80*	
		For Tinted Glass, Add	*16.61*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*16.61*	

08 81 23 23-0021 Patterned Field Installed Glass *(08 81 23 23)*

08 81 23 23-0022 Rough Obscure Field Installed Glass *(08 81 23 23-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	89.01	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	

08 81 23 23-0024 Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	58.72	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.66*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	60.51	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.00*	

08 81 23 23-0027 Wired Field Installed Glass *(08 81 23 23)*

08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	129.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	129.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	

08 81 23 23-0031 Polished, Wired Field Installed Glass *(08 81 23 23-0027)*

08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	140.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	

08 81 23 23-0033 Frosted Field Installed Glass *(08 81 23 23)*

08 81 23 23-0034 Frosted Field Installed Glass *(08 81 23 23-0033)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	72.04	
		For >50 To 200, Deduct	*-3.09*	
		For >200 To 400, Deduct	*-5.88*	
		For >400, Deduct	*-8.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.66*	
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	90.88	
		For >50 To 200, Deduct	*-3.73*	
		For >200 To 400, Deduct	*-7.13*	
		For >400, Deduct	*-10.19*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.56*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	111.64	
		For >50 To 200, Deduct	*-4.43*	
		For >200 To 400, Deduct	*-8.49*	
		For >400, Deduct	*-12.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	162.79	
		For >50 To 200, Deduct	*-6.25*	
		For >200 To 400, Deduct	*-12.04*	
		For >400, Deduct	*-17.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.03*	

08 81 23 23-0039 Fire Rated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0040 Fire Rated Field Installed Glass *(08 81 23 23-0039)*

08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	71.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.34*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	124.76	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.34*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	183.03	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.34*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	236.45	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.34*	

08 81 23 23-0045 Laminated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0046 Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	53.37	
		For >50 To 200, Deduct	*-2.68*	
		For >200 To 400, Deduct	*-5.00*	
		For >400, Deduct	*-6.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	66.95	
		For >50 To 200, Deduct	*-3.37*	
		For >200 To 400, Deduct	*-6.29*	
		For >400, Deduct	*-8.75*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.03*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	76.22	
		For >50 To 200, Deduct	*-3.79*	
		For >200 To 400, Deduct	*-7.08*	
		For >400, Deduct	*-9.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0050	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	85.59	
		For >50 To 200, Deduct	*-4.25*	
		For >200 To 400, Deduct	*-7.94*	
		For >400, Deduct	*-11.07*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.07*	
		For Tinted Glass, Add	*11.50*	
		For Reflective Coated Glass, Add	*17.25*	
		For Low-E Coated Glass, Add	*14.38*	
		For One Piece Heat Strengthened Glass, Add	*11.50*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*11.50*	
		Note: Double UOM if applied for both interior and exterior glazing		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0051		Insulated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0052		Insulated Glass, Field Installed Glass *(08 81 23 23-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054	SF	3/8" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 3/16" air space.	41.88	
		For >50 To 200, Deduct	*-2.46*	
		For >200 To 400, Deduct	*-4.52*	
		For >400, Deduct	*-6.18*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.06*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.36*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.36*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.27*	
		For Argon Gas, Add	*3.00*	
08 81 23 23-0055	SF	1/2" Thick, Insulated Field Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	44.74	
		For >50 To 200, Deduct	*-2.60*	
		For >200 To 400, Deduct	*-4.78*	
		For >400, Deduct	*-6.54*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.69*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.12*	
		For Argon Gas, Add	*3.28*	
08 81 23 23-0056	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	45.13	
		For >50 To 200, Deduct	*-2.63*	
		For >200 To 400, Deduct	*-4.83*	
		For >400, Deduct	*-6.61*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.95*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.14*	
		For Argon Gas, Add	*3.28*	
08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	42.88	
		For >50 To 200, Deduct	*-2.51*	
		For >200 To 400, Deduct	*-4.62*	
		For >400, Deduct	*-6.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.33*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.54*	
		For Argon Gas, Add	*3.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass	44.74	
		Note: Two 1/8" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.60*	
		For >200 To 400, Deduct	*-4.78*	
		For >400, Deduct	*-6.54*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.69*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass	46.41	
		Note: Two 3/16" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.02*	
		For >400, Deduct	*-6.86*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.74*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass	46.41	
		Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.02*	
		For >400, Deduct	*-6.86*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.74*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass	51.90	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-3.02*	
		For >200 To 400, Deduct	*-5.55*	
		For >400, Deduct	*-7.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.27*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.70*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.79*	

08 81 23 23-0063 3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*

Note: Type I, Class I, Quality Q3.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0064	SF	5/8" Thick, Insulated Field Installed Glass	46.41	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.02*	
		For >400, Deduct	*-6.86*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.74*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass	49.60	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.95*	
		For >200 To 400, Deduct	*-5.41*	
		For >400, Deduct	*-7.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass	52.86	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.66*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.65*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0067	SF	1" Thick, Insulated Field Installed Glass	56.73	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.21*	
		For >200 To 400, Deduct	*-5.91*	
		For >400, Deduct	*-8.12*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	
08 81 23 23-0068		1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0069	SF	3/4" Thick, Insulated Field Installed Glass	49.60	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-2.95*	
		For >200 To 400, Deduct	*-5.41*	
		For >400, Deduct	*-7.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	52.86	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.66*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.65*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0071	SF	7/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	52.86	
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.66*	
		For >400, Deduct	*-7.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.65*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 23-0072	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	55.72	
		For >50 To 200, Deduct	*-3.18*	
		For >200 To 400, Deduct	*-5.85*	
		For >400, Deduct	*-8.03*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*13.01*	
		For Argon Gas, Add	*4.21*	

08 81 23 23-0073 Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*

08 81 23 23-0074	SF	1" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	110.83	
		For >50 To 200, Deduct	*-4.83*	
		For >200 To 400, Deduct	*-9.16*	
		For >400, Deduct	*-12.99*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.83*	
		For Tinted Glass, Add	*12.86*	
		For Reflective Coated Glass, Add	*25.72*	
		For Low-E Coated Glass, Add	*21.43*	
		For Argon Gas, Add	*11.79*	
08 81 23 23-0075	SF	1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	132.77	
		For >50 To 200, Deduct	*-5.70*	
		For >200 To 400, Deduct	*-10.84*	
		For >400, Deduct	*-15.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.52*	
		For Tinted Glass, Add	*15.61*	
		For Reflective Coated Glass, Add	*31.22*	
		For Low-E Coated Glass, Add	*26.02*	
		For Argon Gas, Add	*14.31*	
08 81 23 23-0076	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	155.32	
		For >50 To 200, Deduct	*-6.63*	
		For >200 To 400, Deduct	*-12.61*	
		For >400, Deduct	*-17.92*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.66*	
		For Tinted Glass, Add	*18.37*	
		For Reflective Coated Glass, Add	*36.73*	
		For Low-E Coated Glass, Add	*30.61*	
		For Argon Gas, Add	*16.84*	

08 81 23 23-0077 Spandrel Field Installed Glass *(08 81 23 23)*

08 81 23 23-0078 Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0077)*

08 81 23 23-0079	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	43.52	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	
08 81 23 23-0080	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	38.45	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	

08 81 23 23-0081 Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0077)*

08 81 23 23-0082 1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0081)*

Note: Also with aluminum foil vapor barrier.

08 81 23 23-0083	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	48.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	
08 81 23 23-0084	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	43.05	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0085		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0081)*		
08 81 23 23-0086	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	58.76	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	
08 81 23 23-0087	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	47.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

08 83 13 00-0001		Mirror Glass *(08 83 13)*		
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	96.38	8.96
		For >50 To 200, Deduct	*-2.36*	
		For >200 To 400, Deduct	*-3.93*	
		For >400, Deduct	*-6.29*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	135.51	8.96
		For >50 To 200, Deduct	*-3.53*	
		For >200 To 400, Deduct	*-5.89*	
		For >400, Deduct	*-9.42*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	31.83	7.18
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.40*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	37.66	8.37
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.06*	
		For >400, Deduct	*-1.69*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	41.31	8.96
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.18*	
		For >400, Deduct	*-1.89*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	52.82	7.18
		For >50 To 200, Deduct	*-1.15*	
		For >200 To 400, Deduct	*-1.92*	
		For >400, Deduct	*-3.08*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	59.94	8.37
		For >50 To 200, Deduct	*-1.30*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.48*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	66.14	8.96
		For >50 To 200, Deduct	*-1.45*	
		For >200 To 400, Deduct	*-2.42*	
		For >400, Deduct	*-3.87*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	42.82	8.96
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.26*	
		For >400, Deduct	*-2.01*	
08 83 13 00-0016		Laminated Safety Mirror Glass *(08 83 13 00-0001)*		
		Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	81.95	8.96
		For >50 To 200, Deduct	*-1.93*	
		For >200 To 400, Deduct	*-3.21*	
		For >400, Deduct	*-5.14*	
08 83 13 00-0018		Accessories For Mirror Glass *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.60	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.70	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.08	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	9.01	

08 84 Plastic Glazing *(08 80)*

Note: Demolition (use glass removal modifiers) for all glazing includes removal of glazing (broken or whole), sealant compound

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

and/or astragal, taking down and resetting mullion where necessary.

08 84 00 00-0001 Clear Polycarbonate Glazing (GE Lexan) *(08 84)*

08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.87
		For >50 To 200, Deduct	*-0.48*
		For >200 To 400, Deduct	*-0.96*
		For >400, Deduct	*-1.44*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.27*
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	21.98
		For >50 To 200, Deduct	*-0.51*
		For >200 To 400, Deduct	*-1.03*
		For >400, Deduct	*-1.54*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.71*
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	26.11
		For >50 To 200, Deduct	*-0.70*
		For >200 To 400, Deduct	*-1.39*
		For >400, Deduct	*-2.09*
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.18*
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	37.54
		For >50 To 200, Deduct	*-1.25*
		For >200 To 400, Deduct	*-2.50*
		For >400, Deduct	*-3.75*
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.53*
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	47.44
		For >50 To 200, Deduct	*-1.70*
		For >200 To 400, Deduct	*-3.40*
		For >400, Deduct	*-5.10*
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*

08 84 00 00-0007 Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*

08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	31.00
		For >50 To 200, Deduct	*-0.99*
		For >200 To 400, Deduct	*-1.97*
		For >400, Deduct	*-2.96*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.27*
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	35.98
		For >50 To 200, Deduct	*-1.21*
		For >200 To 400, Deduct	*-2.43*
		For >400, Deduct	*-3.64*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.71*
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	38.01
		For >50 To 200, Deduct	*-1.29*
		For >200 To 400, Deduct	*-2.58*
		For >400, Deduct	*-3.87*
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.18*
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	62.43
		For >50 To 200, Deduct	*-2.50*
		For >200 To 400, Deduct	*-4.99*
		For >400, Deduct	*-7.49*
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.53*
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	66.33
		For >50 To 200, Deduct	*-2.64*
		For >200 To 400, Deduct	*-5.29*
		For >400, Deduct	*-7.93*
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*

08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) *(08 84)*

08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	14.64
		For >50 To 200, Deduct	*-0.19*
		For >200 To 400, Deduct	*-0.39*
		For >400, Deduct	*-0.58*
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.76*
		For Colored, Add	*0.78*
		For Shatterproof, Add	*2.33*
		For Mirrored, Add	*3.10*
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	15.20
		For >50 To 200, Deduct	*-0.20*
		For >200 To 400, Deduct	*-0.39*
		For >400, Deduct	*-0.59*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.27*
		For Colored, Add	*0.79*
		For Shatterproof, Add	*2.36*
		For Mirrored, Add	*3.14*
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	17.84
		For >50 To 200, Deduct	*-0.31*
		For >200 To 400, Deduct	*-0.61*
		For >400, Deduct	*-0.92*
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.71*
		For Colored, Add	*1.23*
		For Shatterproof, Add	*3.68*
		For Mirrored, Add	*4.90*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	20.26	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.81*	
		For >400, Deduct	*-1.21*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.18*	
		For Colored, Add	*1.62*	
		For Shatterproof, Add	*4.85*	
		For Mirrored, Add	*6.46*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	20.71	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.85*	
		For >400, Deduct	*-1.27*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.25*	
		For Colored, Add	*1.69*	
		For Shatterproof, Add	*5.08*	
		For Mirrored, Add	*6.77*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	21.38	
		For >50 To 200, Deduct	*-0.44*	
		For >200 To 400, Deduct	*-0.89*	
		For >400, Deduct	*-1.33*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.53*	
		For Colored, Add	*1.77*	
		For Shatterproof, Add	*5.31*	
		For Mirrored, Add	*7.08*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	25.15	
		For >50 To 200, Deduct	*-0.59*	
		For >200 To 400, Deduct	*-1.17*	
		For >400, Deduct	*-1.76*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.45*	
		For Colored, Add	*2.34*	
		For Shatterproof, Add	*7.02*	
		For Mirrored, Add	*9.36*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	35.25	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.82*	
		For >400, Deduct	*-2.73*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.02*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	46.51	
		For >50 To 200, Deduct	*-1.40*	
		For >200 To 400, Deduct	*-2.80*	
		For >400, Deduct	*-4.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.48*	

08 84 00 00-0023 Clear Polycarbonate Glazing (PolyGal) *(08 84)*

08 84 00 00-0024	SF	6mm Thick, Clear Polycarbonate Multiwall Glazing (PolyGal)	15.57	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Colored, Add	*0.68*	
08 84 00 00-0025	SF	8mm Thick, Clear Polycarbonate Multiwall Glazing (PolyGal)	16.58	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.65*	
		For Colored, Add	*0.87*	
08 84 00 00-0026	SF	10mm Thick, Clear Polycarbonate Multiwall Glazing (PolyGal)	17.54	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.75*	
		For Colored, Add	*1.00*	
08 84 00 00-0027	SF	16mm Thick, Clear Polycarbonate Multiwall Glazing (PolyGal)	21.41	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.19*	
		For Colored, Add	*1.59*	
08 84 00 00-0028	SF	8mm Thick, Polycoolite Polycarbonate Glazing (PolyGal)	18.22	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.60*	
		For >400, Deduct	*-0.90*	
		For Colored, Add	*1.19*	
08 84 00 00-0029	SF	8mm Thick, Polyshade Polycarbonate Glazing (PolyGal)	17.26	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.75*	
		For Colored, Add	*1.00*	
08 84 00 00-0030	SF	16mm Thick, Polyshade Polycarbonate Glazing (PolyGal)	25.15	
		For >50 To 200, Deduct	*-0.59*	
		For >200 To 400, Deduct	*-1.17*	
		For >400, Deduct	*-1.76*	
		For Colored, Add	*2.34*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	26.52	2.29
		For Bronze Anodized Aluminum, Add	*3.03*	
		For Stainless Steel, Add	*12.43*	
		For Black Anodized Finish, Add	*5.45*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	32.55	2.87
		For Bronze Anodized Aluminum, Add	*3.85*	
		For Stainless Steel, Add	*15.74*	
		For Black Anodized Finish, Add	*6.93*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	38.71	2.29
		For Bronze Anodized Aluminum, Add	*4.60*	
		For Stainless Steel, Add	*18.80*	
		For Black Anodized Finish, Add	*8.28*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	47.01	3.45
		For Bronze Anodized Aluminum, Add	*5.50*	
		For Stainless Steel, Add	*22.51*	
		For Black Anodized Finish, Add	*9.90*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	47.59	2.87
		For Bronze Anodized Aluminum, Add	*5.85*	
		For Stainless Steel, Add	*23.81*	
		For Black Anodized Finish, Add	*10.52*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	58.03	3.45
		For Bronze Anodized Aluminum, Add	*6.98*	
		For Stainless Steel, Add	*28.50*	
		For Black Anodized Finish, Add	*12.57*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	10.92
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	10.92
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.49
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.98

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	16.71
		For >1,000 To 5,000, Deduct	*-0.77*
		For >5,000, Deduct	*-1.05*
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	17.64
		For >1,000 To 5,000, Deduct	*-0.81*
		For >5,000, Deduct	*-1.14*
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	21.06
		For >1,000 To 5,000, Deduct	*-0.93*
		For >5,000, Deduct	*-1.48*

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	18.65
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	18.65
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	18.65
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.24*

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	15.69
		For >1,000 To 5,000, Deduct	*-0.74*
		For >5,000, Deduct	*-0.94*
08 87 23 16-0012	SF	0.008" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	15.94
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-0.97*
08 87 23 16-0013	SF	0.014" Clear, Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	18.26
		For >1,000 To 5,000, Deduct	*-0.83*
		For >5,000, Deduct	*-1.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0014		Anti-Graffiti Glazing Films *(08 87 23 16)*		
		Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	15.69	
		For >1,000 To 5,000, Deduct	*-0.74*	
		For >5,000, Deduct	*-0.94*	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	15.94	
		For >1,000 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-0.97*	

08 88 Special Function Glazing *(08 80)*

08 88 49 Radiation-Resistant Glazing *(08 88)*

08 88 49 00-0001 Leaded Glass (X-Ray Shielding) *(08 88 49)*

08 88 49 00-0002	SF	1/4" Thick Lead Glass With 1/16" Lead Equivalence	379.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.71*	
08 88 49 00-0003	SF	1/4" Thick Lead Glass With 1/8" Lead Equivalence	563.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.71*	

08 88 49 00-0004 Leaded Acrylic (X-Ray Shielding) *(08 88 49)*

08 88 49 00-0005	SF	7mm Thick, 0.3mm LE, 2.3 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	397.45	7.18
08 88 49 00-0006	SF	12mm Thick, 0.5mm LE, 3.9 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	537.82	11.95
08 88 49 00-0007	SF	18mm Thick, 0.8mm LE, 5.9 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	601.18	17.93
08 88 49 00-0008	SF	22mm Thick, 1mm LE, 7.2 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	622.36	21.52
08 88 49 00-0009	SF	35mm Thick, 1.5mm LE, 11.5 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	717.54	34.07
08 88 49 00-0010	SF	46mm Thick, 2mm LE, 15 Lb./SF, X-Ray Viewing Panels, Clear Lead Plastic	945.83	45.43

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, Up To 15 SF	150.42	
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.30*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, >15 SF	176.27	
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.30*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, Up To 15 SF	199.90	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.94*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, >15 SF	221.50	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.94*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, Up To 15 SF	251.77	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.51*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, >15 SF	269.13	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.51*	

08 88 53 00-0009 Forced Entry Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	55.28	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.94*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	62.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.94*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	71.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.07*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	86.42	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.39*	

08 88 53 00-0014 Glass Clad Polycarbonate *(08 88 53)*

08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 Lb./SF	219.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	*72.69*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 Lb./SF	245.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*84.16*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 Lb./SF	313.42	
		For Glass Removal And Preparing Opening For New Glazing, Add	*95.64*	

08 88 53 00-0018 Ballistic Resistant Acrylic *(08 88 53)*

08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 Lb./SF	232.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*72.69*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 Lb./SF	272.33	
		For Glass Removal And Preparing Opening For New Glazing, Add	*84.16*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 Lb./SF	353.53	
		For Glass Removal And Preparing Opening For New Glazing, Add	*95.64*	

08 88 53 00-0022 Ballistic Resistant Fiberglass *(08 88 53)*

08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 Lb./SF	92.89	
		For Glass Removal And Preparing Opening For New Glazing, Add	*36.34*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 Lb./SF	109.86	
		For Glass Removal And Preparing Opening For New Glazing, Add	*42.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 Lb./SF	124.62	
		For Glass Removal And Preparing Opening For New Glazing, Add	*47.82*	

08 88 53 00-0026 Forced Entry And/or Ballistic Resistant Polycarbonate *(08 88 53)*

08 88 53 00-0027 Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)*
Note: GE-Lexan MR10.

08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	127.93	
		For Glass Removal And Preparing Opening For New Glazing, Add	*57.96*	

08 88 53 00-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*
Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.

08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	158.15	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.72*	

08 88 53 00-0031 Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*
Note: GE-Lexgard MPC-500.

08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	194.52	
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.51*	

08 88 53 00-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*
Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.

08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant.	213.21	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.30*	

08 88 53 00-0035 Insulated, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*
Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.

08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	182.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.72*	

08 88 53 00-0037 Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	421.47	
		For Glass Removal And Preparing Opening For New Glazing, Add	*158.76*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	426.74	
		For Glass Removal And Preparing Opening For New Glazing, Add	*158.76*	

08 88 53 00-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*
Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.

08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	280.51	
		For Glass Removal And Preparing Opening For New Glazing, Add	*107.11*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001 Motorized Wall Louver Actuator *(08 91 13)*
See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,917.41	113.11
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	2,935.10	113.11
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	2,062.47	113.11
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	8,035.99	113.11

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001 Adjustable Intake Wall Louvers *(08 91 16)*
See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	525.66	29.94
		For Flange Frame, Add	*46.58*	
		For Clear Lacquer Finish, Add	*93.16*	
		For Baked Enamel Standard Colors, Add	*139.73*	
		For Anodized Finish, Add	*186.31*	
		For Kynar® Standard Colors Finish, Add	*256.18*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	656.83	36.60
		For Flange Frame, Add	*58.36*	
		For Clear Lacquer Finish, Add	*116.73*	
		For Baked Enamel Standard Colors, Add	*175.09*	
		For Anodized Finish, Add	*233.46*	
		For Kynar® Standard Colors Finish, Add	*321.00*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	776.66	43.25
		For Flange Frame, Add	*69.02*	
		For Clear Lacquer Finish, Add	*138.03*	
		For Baked Enamel Standard Colors, Add	*207.05*	
		For Anodized Finish, Add	*276.07*	
		For Kynar® Standard Colors Finish, Add	*379.59*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	908.96	49.91
		For Flange Frame, Add	*80.92*	
		For Clear Lacquer Finish, Add	*161.83*	
		For Baked Enamel Standard Colors, Add	*242.75*	
		For Anodized Finish, Add	*323.66*	
		For Kynar® Standard Colors Finish, Add	*445.04*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,024.27	56.55
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,208.70	63.20
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,377.27	69.86
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,529.83	79.84
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,632.65	86.49
		For Flange Frame, Add	*145.97*	
		For Clear Lacquer Finish, Add	*291.93*	
		For Baked Enamel Standard Colors, Add	*437.90*	
		For Anodized Finish, Add	*583.86*	
		For Kynar® Standard Colors Finish, Add	*802.81*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,761.55	93.15
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,874.59	99.80
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,019.36	106.46
		For Flange Frame, Add	*180.65*	
		For Clear Lacquer Finish, Add	*361.29*	
		For Baked Enamel Standard Colors, Add	*541.94*	
		For Anodized Finish, Add	*722.58*	
		For Kynar® Standard Colors Finish, Add	*993.55*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,158.46	113.11
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,331.42	123.09
		For Flange Frame, Add	*208.52*	
		For Clear Lacquer Finish, Add	*417.05*	
		For Baked Enamel Standard Colors, Add	*625.57*	
		For Anodized Finish, Add	*834.10*	
		For Kynar® Standard Colors Finish, Add	*1,146.88*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,459.04	133.07
		For Flange Frame, Add	*219.29*	
		For Clear Lacquer Finish, Add	*438.58*	
		For Baked Enamel Standard Colors, Add	*657.87*	
		For Anodized Finish, Add	*877.16*	
		For Kynar® Standard Colors Finish, Add	*1,206.10*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	589.97	36.60
		For Flange Frame, Add	*51.68*	
		For Clear Lacquer Finish, Add	*103.36*	
		For Baked Enamel Standard Colors, Add	*155.03*	
		For Anodized Finish, Add	*206.71*	
		For Kynar® Standard Colors Finish, Add	*284.23*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	744.79	46.58
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	873.69	53.23
		For Flange Frame, Add	*76.72*	
		For Clear Lacquer Finish, Add	*153.45*	
		For Baked Enamel Standard Colors, Add	*230.17*	
		For Anodized Finish, Add	*306.89*	
		For Kynar® Standard Colors Finish, Add	*421.98*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,087.29	66.53
		For Flange Frame, Add	*95.42*	
		For Clear Lacquer Finish, Add	*190.84*	
		For Baked Enamel Standard Colors, Add	*286.27*	
		For Anodized Finish, Add	*381.69*	
		For Kynar® Standard Colors Finish, Add	*524.82*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,236.60	73.19
		For Flange Frame, Add	*109.02*	
		For Clear Lacquer Finish, Add	*218.04*	
		For Baked Enamel Standard Colors, Add	*327.07*	
		For Anodized Finish, Add	*436.09*	
		For Kynar® Standard Colors Finish, Add	*599.62*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,385.90	79.84
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,564.66	86.49
		For Flange Frame, Add	*139.17*	
		For Clear Lacquer Finish, Add	*278.33*	
		For Baked Enamel Standard Colors, Add	*417.50*	
		For Anodized Finish, Add	*556.67*	
		For Kynar® Standard Colors Finish, Add	*765.42*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,735.34	96.47
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,872.03	106.46
		For Flange Frame, Add	*165.91*	
		For Clear Lacquer Finish, Add	*331.82*	
		For Baked Enamel Standard Colors, Add	*497.74*	
		For Anodized Finish, Add	*663.65*	
		For Kynar® Standard Colors Finish, Add	*912.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,003.20	113.11
		For Flange Frame, Add	*177.70*	
		For Clear Lacquer Finish, Add	*355.40*	
		For Baked Enamel Standard Colors, Add	*533.09*	
		For Anodized Finish, Add	*710.79*	
		For Kynar® Standard Colors Finish, Add	*977.34*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,126.44	119.76
		For Flange Frame, Add	*188.69*	
		For Clear Lacquer Finish, Add	*377.38*	
		For Baked Enamel Standard Colors, Add	*566.07*	
		For Anodized Finish, Add	*754.76*	
		For Kynar® Standard Colors Finish, Add	*1,037.80*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,285.94	126.42
		For Flange Frame, Add	*203.31*	
		For Clear Lacquer Finish, Add	*406.62*	
		For Baked Enamel Standard Colors, Add	*609.93*	
		For Anodized Finish, Add	*813.24*	
		For Kynar® Standard Colors Finish, Add	*1,118.21*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,439.77	133.07
		For Flange Frame, Add	*217.36*	
		For Clear Lacquer Finish, Add	*434.73*	
		For Baked Enamel Standard Colors, Add	*652.09*	
		For Anodized Finish, Add	*869.45*	
		For Kynar® Standard Colors Finish, Add	*1,195.50*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,627.46	143.05
		For Flange Frame, Add	*234.14*	
		For Clear Lacquer Finish, Add	*468.27*	
		For Baked Enamel Standard Colors, Add	*702.41*	
		For Anodized Finish, Add	*936.54*	
		For Kynar® Standard Colors Finish, Add	*1,287.75*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,769.81	153.03
		For Flange Frame, Add	*246.38*	
		For Clear Lacquer Finish, Add	*492.75*	
		For Baked Enamel Standard Colors, Add	*739.13*	
		For Anodized Finish, Add	*985.50*	
		For Kynar® Standard Colors Finish, Add	*1,355.06*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	659.93	43.25
		For Flange Frame, Add	*57.34*	
		For Clear Lacquer Finish, Add	*114.69*	
		For Baked Enamel Standard Colors, Add	*172.03*	
		For Anodized Finish, Add	*229.38*	
		For Kynar® Standard Colors Finish, Add	*315.39*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	837.43	53.23
		For Flange Frame, Add	*73.10*	
		For Clear Lacquer Finish, Add	*146.19*	
		For Baked Enamel Standard Colors, Add	*219.29*	
		For Anodized Finish, Add	*292.39*	
		For Kynar® Standard Colors Finish, Add	*402.03*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,037.58	63.20
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,223.98	76.51
		For Flange Frame, Add	*107.10*	
		For Clear Lacquer Finish, Add	*214.19*	
		For Baked Enamel Standard Colors, Add	*321.29*	
		For Anodized Finish, Add	*428.38*	
		For Kynar® Standard Colors Finish, Add	*589.02*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,388.02	83.17
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,561.11	89.82
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,774.86	99.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,955.61	113.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,095.84	119.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*185.63*	
		For Clear Lacquer Finish, Add	*371.26*	
		For Baked Enamel Standard Colors, Add	*556.89*	
		For Anodized Finish, Add	*742.52*	
		For Kynar® Standard Colors Finish, Add	*1,020.97*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,249.38	133.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*198.32*	
		For Clear Lacquer Finish, Add	*396.65*	
		For Baked Enamel Standard Colors, Add	*594.97*	
		For Anodized Finish, Add	*793.30*	
		For Kynar® Standard Colors Finish, Add	*1,090.78*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,391.88	139.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*211.24*	
		For Clear Lacquer Finish, Add	*422.49*	
		For Baked Enamel Standard Colors, Add	*633.73*	
		For Anodized Finish, Add	*844.97*	
		For Kynar® Standard Colors Finish, Add	*1,161.84*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,585.38	146.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*229.26*	
		For Clear Lacquer Finish, Add	*458.53*	
		For Baked Enamel Standard Colors, Add	*687.79*	
		For Anodized Finish, Add	*917.05*	
		For Kynar® Standard Colors Finish, Add	*1,260.95*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,749.41	153.03
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*244.34*	
		For Clear Lacquer Finish, Add	*488.67*	
		For Baked Enamel Standard Colors, Add	*733.01*	
		For Anodized Finish, Add	*977.34*	
		For Kynar® Standard Colors Finish, Add	*1,343.84*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,956.36	163.02
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*263.03*	
		For Clear Lacquer Finish, Add	*526.07*	
		For Baked Enamel Standard Colors, Add	*789.10*	
		For Anodized Finish, Add	*1,052.14*	
		For Kynar® Standard Colors Finish, Add	*1,446.69*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,108.92	172.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*276.29*	
		For Clear Lacquer Finish, Add	*552.59*	
		For Baked Enamel Standard Colors, Add	*828.88*	
		For Anodized Finish, Add	*1,105.18*	
		For Kynar® Standard Colors Finish, Add	*1,519.62*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	735.57	49.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.58*	
		For Clear Lacquer Finish, Add	*127.15*	
		For Baked Enamel Standard Colors, Add	*190.73*	
		For Anodized Finish, Add	*254.31*	
		For Kynar® Standard Colors Finish, Add	*349.67*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	979.63	66.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,162.78	76.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*100.98*	
		For Clear Lacquer Finish, Add	*201.95*	
		For Baked Enamel Standard Colors, Add	*302.93*	
		For Anodized Finish, Add	*403.90*	
		For Kynar® Standard Colors Finish, Add	*555.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,362.93	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*118.99*	
		For Clear Lacquer Finish, Add	*237.99*	
		For Baked Enamel Standard Colors, Add	*356.98*	
		For Anodized Finish, Add	*475.98*	
		For Kynar® Standard Colors Finish, Add	*654.47*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,541.69	93.15
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*135.54*	
		For Clear Lacquer Finish, Add	*271.08*	
		For Baked Enamel Standard Colors, Add	*406.62*	
		For Anodized Finish, Add	*542.16*	
		For Kynar® Standard Colors Finish, Add	*745.47*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,727.12	103.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,948.96	109.78
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,138.91	119.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,295.01	126.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,466.68	139.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*218.72*	
		For Clear Lacquer Finish, Add	*437.45*	
		For Baked Enamel Standard Colors, Add	*656.17*	
		For Anodized Finish, Add	*874.89*	
		For Kynar® Standard Colors Finish, Add	*1,202.98*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,630.56	149.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*233.12*	
		For Clear Lacquer Finish, Add	*466.23*	
		For Baked Enamel Standard Colors, Add	*699.35*	
		For Anodized Finish, Add	*932.46*	
		For Kynar® Standard Colors Finish, Add	*1,282.14*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,836.52	156.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*252.38*	
		For Clear Lacquer Finish, Add	*504.76*	
		For Baked Enamel Standard Colors, Add	*757.14*	
		For Anodized Finish, Add	*1,009.52*	
		For Kynar® Standard Colors Finish, Add	*1,388.10*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,015.29	163.02
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,232.44	172.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,405.41	182.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*303.95*	
		For Clear Lacquer Finish, Add	*607.89*	
		For Baked Enamel Standard Colors, Add	*911.84*	
		For Anodized Finish, Add	*1,215.78*	
		For Kynar® Standard Colors Finish, Add	*1,671.70*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	805.54	56.55
		For Flange Frame, Add	*69.24*	
		For Clear Lacquer Finish, Add	*138.49*	
		For Baked Enamel Standard Colors, Add	*207.73*	
		For Anodized Finish, Add	*276.97*	
		For Kynar® Standard Colors Finish, Add	*380.84*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,090.40	73.19
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,274.69	83.17
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,494.10	93.15
		For Flange Frame, Add	*130.78*	
		For Clear Lacquer Finish, Add	*261.56*	
		For Baked Enamel Standard Colors, Add	*392.34*	
		For Anodized Finish, Add	*523.12*	
		For Kynar® Standard Colors Finish, Add	*719.30*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,697.07	101.13
		For Flange Frame, Add	*149.48*	
		For Clear Lacquer Finish, Add	*298.96*	
		For Baked Enamel Standard Colors, Add	*448.44*	
		For Anodized Finish, Add	*597.92*	
		For Kynar® Standard Colors Finish, Add	*822.14*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,887.76	109.78
		For Flange Frame, Add	*166.82*	
		For Clear Lacquer Finish, Add	*333.64*	
		For Baked Enamel Standard Colors, Add	*500.46*	
		For Anodized Finish, Add	*667.28*	
		For Kynar® Standard Colors Finish, Add	*917.50*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,135.65	116.44
		For Flange Frame, Add	*190.28*	
		For Clear Lacquer Finish, Add	*380.56*	
		For Baked Enamel Standard Colors, Add	*570.83*	
		For Anodized Finish, Add	*761.11*	
		For Kynar® Standard Colors Finish, Add	*1,046.53*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,349.41	126.42
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,523.49	136.40
		For Flange Frame, Add	*225.07*	
		For Clear Lacquer Finish, Add	*450.14*	
		For Baked Enamel Standard Colors, Add	*675.21*	
		For Anodized Finish, Add	*900.28*	
		For Kynar® Standard Colors Finish, Add	*1,237.88*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,702.10	146.38
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,886.39	156.36
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,111.62	163.02
		For Flange Frame, Add	*278.56*	
		For Clear Lacquer Finish, Add	*557.12*	
		For Baked Enamel Standard Colors, Add	*835.68*	
		For Anodized Finish, Add	*1,114.24*	
		For Kynar® Standard Colors Finish, Add	*1,532.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,303.99	169.67
		For Flange Frame, Add	*296.47*	
		For Clear Lacquer Finish, Add	*592.93*	
		For Baked Enamel Standard Colors, Add	*889.40*	
		For Anodized Finish, Add	*1,185.86*	
		For Kynar® Standard Colors Finish, Add	*1,630.56*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,549.47	179.64
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,732.63	189.62
		For Flange Frame, Add	*335.34*	
		For Clear Lacquer Finish, Add	*670.68*	
		For Baked Enamel Standard Colors, Add	*1,006.01*	
		For Anodized Finish, Add	*1,341.35*	
		For Kynar® Standard Colors Finish, Add	*1,844.36*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	921.98	63.20
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,176.24	79.84
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,380.92	89.82
		For Flange Frame, Add	*120.13*	
		For Clear Lacquer Finish, Add	*240.26*	
		For Baked Enamel Standard Colors, Add	*360.38*	
		For Anodized Finish, Add	*480.51*	
		For Kynar® Standard Colors Finish, Add	*660.70*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,614.93	103.13
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,831.09	109.78
		For Flange Frame, Add	*161.15*	
		For Clear Lacquer Finish, Add	*322.30*	
		For Baked Enamel Standard Colors, Add	*483.46*	
		For Anodized Finish, Add	*644.61*	
		For Kynar® Standard Colors Finish, Add	*886.34*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,035.92	116.44
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,305.35	123.09
		For Flange Frame, Add	*205.92*	
		For Clear Lacquer Finish, Add	*411.83*	
		For Baked Enamel Standard Colors, Add	*617.75*	
		For Anodized Finish, Add	*823.67*	
		For Kynar® Standard Colors Finish, Add	*1,132.54*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,522.50	133.07
		For Flange Frame, Add	*225.64*	
		For Clear Lacquer Finish, Add	*451.27*	
		For Baked Enamel Standard Colors, Add	*676.91*	
		For Anodized Finish, Add	*902.54*	
		For Kynar® Standard Colors Finish, Add	*1,241.00*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,718.12	143.05
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,901.27	153.03
		For Flange Frame, Add	*259.52*	
		For Clear Lacquer Finish, Add	*519.04*	
		For Baked Enamel Standard Colors, Add	*778.56*	
		For Anodized Finish, Add	*1,038.08*	
		For Kynar® Standard Colors Finish, Add	*1,427.37*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,101.42	163.02
		For Flange Frame, Add	*277.54*	
		For Clear Lacquer Finish, Add	*555.08*	
		For Baked Enamel Standard Colors, Add	*832.62*	
		For Anodized Finish, Add	*1,110.16*	
		For Kynar® Standard Colors Finish, Add	*1,526.47*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,343.66	169.67
		For Flange Frame, Add	*300.43*	
		For Clear Lacquer Finish, Add	*600.87*	
		For Baked Enamel Standard Colors, Add	*901.30*	
		For Anodized Finish, Add	*1,201.73*	
		For Kynar® Standard Colors Finish, Add	*1,652.38*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,554.16	176.31
		For Flange Frame, Add	*320.15*	
		For Clear Lacquer Finish, Add	*640.30*	
		For Baked Enamel Standard Colors, Add	*960.46*	
		For Anodized Finish, Add	*1,280.61*	
		For Kynar® Standard Colors Finish, Add	*1,760.84*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,829.10	186.29
		For Flange Frame, Add	*345.65*	
		For Clear Lacquer Finish, Add	*691.30*	
		For Baked Enamel Standard Colors, Add	*1,036.95*	
		For Anodized Finish, Add	*1,382.60*	
		For Kynar® Standard Colors Finish, Add	*1,901.08*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,020.19	196.28
		For Flange Frame, Add	*362.76*	
		For Clear Lacquer Finish, Add	*725.53*	
		For Baked Enamel Standard Colors, Add	*1,088.29*	
		For Anodized Finish, Add	*1,451.05*	
		For Kynar® Standard Colors Finish, Add	*1,995.20*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	997.62	69.86
		For Flange Frame, Add	*85.79*	
		For Clear Lacquer Finish, Add	*171.58*	
		For Baked Enamel Standard Colors, Add	*257.37*	
		For Anodized Finish, Add	*343.16*	
		For Kynar® Standard Colors Finish, Add	*471.84*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,267.74	86.49
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,500.61	99.80
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,740.43	109.78
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,979.25	116.44
		For Flange Frame, Add	*174.64*	
		For Clear Lacquer Finish, Add	*349.28*	
		For Baked Enamel Standard Colors, Add	*523.91*	
		For Anodized Finish, Add	*698.55*	
		For Kynar® Standard Colors Finish, Add	*960.51*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,210.15	123.09
		For Flange Frame, Add	*196.40*	
		For Clear Lacquer Finish, Add	*392.79*	
		For Baked Enamel Standard Colors, Add	*589.19*	
		For Anodized Finish, Add	*785.59*	
		For Kynar® Standard Colors Finish, Add	*1,080.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,497.57	133.07
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,735.12	143.05
		For Flange Frame, Add	*244.90*	
		For Clear Lacquer Finish, Add	*489.80*	
		For Baked Enamel Standard Colors, Add	*734.71*	
		For Anodized Finish, Add	*979.61*	
		For Kynar® Standard Colors Finish, Add	*1,346.96*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,940.94	153.03
		For Flange Frame, Add	*263.49*	
		For Clear Lacquer Finish, Add	*526.98*	
		For Baked Enamel Standard Colors, Add	*790.46*	
		For Anodized Finish, Add	*1,053.95*	
		For Kynar® Standard Colors Finish, Add	*1,449.18*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,150.15	163.02
		For Flange Frame, Add	*282.41*	
		For Clear Lacquer Finish, Add	*564.83*	
		For Baked Enamel Standard Colors, Add	*847.24*	
		For Anodized Finish, Add	*1,129.65*	
		For Kynar® Standard Colors Finish, Add	*1,553.27*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,354.84	172.99
		For Flange Frame, Add	*300.89*	
		For Clear Lacquer Finish, Add	*601.77*	
		For Baked Enamel Standard Colors, Add	*902.66*	
		For Anodized Finish, Add	*1,203.54*	
		For Kynar® Standard Colors Finish, Add	*1,654.87*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,628.80	179.64
		For Flange Frame, Add	*326.95*	
		For Clear Lacquer Finish, Add	*653.90*	
		For Baked Enamel Standard Colors, Add	*980.85*	
		For Anodized Finish, Add	*1,307.80*	
		For Kynar® Standard Colors Finish, Add	*1,798.23*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,856.30	186.29
		For Flange Frame, Add	*348.37*	
		For Clear Lacquer Finish, Add	*696.74*	
		For Baked Enamel Standard Colors, Add	*1,045.11*	
		For Anodized Finish, Add	*1,393.48*	
		For Kynar® Standard Colors Finish, Add	*1,916.04*	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,137.07	192.95
		For Flange Frame, Add	*375.12*	
		For Clear Lacquer Finish, Add	*750.23*	
		For Baked Enamel Standard Colors, Add	*1,125.35*	
		For Anodized Finish, Add	*1,500.46*	
		For Kynar® Standard Colors Finish, Add	*2,063.14*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,347.41	202.93
		For Flange Frame, Add	*394.16*	
		For Clear Lacquer Finish, Add	*788.31*	
		For Baked Enamel Standard Colors, Add	*1,182.47*	
		For Anodized Finish, Add	*1,576.62*	
		For Kynar® Standard Colors Finish, Add	*2,167.85*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,158.11	79.84
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,484.89	96.47
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,740.28	113.11
		For Flange Frame, Add	*151.41*	
		For Clear Lacquer Finish, Add	*302.81*	
		For Baked Enamel Standard Colors, Add	*454.22*	
		For Anodized Finish, Add	*605.62*	
		For Kynar® Standard Colors Finish, Add	*832.73*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,999.51	119.76
		For Flange Frame, Add	*176.00*	
		For Clear Lacquer Finish, Add	*352.00*	
		For Baked Enamel Standard Colors, Add	*527.99*	
		For Anodized Finish, Add	*703.99*	
		For Kynar® Standard Colors Finish, Add	*967.99*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,281.41	126.42
		For Flange Frame, Add	*202.86*	
		For Clear Lacquer Finish, Add	*405.71*	
		For Baked Enamel Standard Colors, Add	*608.57*	
		For Anodized Finish, Add	*811.43*	
		For Kynar® Standard Colors Finish, Add	*1,115.71*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,533.83	133.07
		For Flange Frame, Add	*226.77*	
		For Clear Lacquer Finish, Add	*453.54*	
		For Baked Enamel Standard Colors, Add	*680.31*	
		For Anodized Finish, Add	*907.08*	
		For Kynar® Standard Colors Finish, Add	*1,247.23*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,867.71	143.05
		For Flange Frame, Add	*258.16*	
		For Clear Lacquer Finish, Add	*516.32*	
		For Baked Enamel Standard Colors, Add	*774.48*	
		For Anodized Finish, Add	*1,032.64*	
		For Kynar® Standard Colors Finish, Add	*1,419.89*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,192.52	153.03
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,435.74	163.02
		For Flange Frame, Add	*310.97*	
		For Clear Lacquer Finish, Add	*621.94*	
		For Baked Enamel Standard Colors, Add	*932.92*	
		For Anodized Finish, Add	*1,243.89*	
		For Kynar® Standard Colors Finish, Add	*1,710.35*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,675.56	172.99
		For Flange Frame, Add	*332.96*	
		For Clear Lacquer Finish, Add	*665.92*	
		For Baked Enamel Standard Colors, Add	*998.87*	
		For Anodized Finish, Add	*1,331.83*	
		For Kynar® Standard Colors Finish, Add	*1,831.27*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,906.46	179.64
		For Flange Frame, Add	*354.72*	
		For Clear Lacquer Finish, Add	*709.43*	
		For Baked Enamel Standard Colors, Add	*1,064.15*	
		For Anodized Finish, Add	*1,418.87*	
		For Kynar® Standard Colors Finish, Add	*1,950.94*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,212.15	186.29
		For Flange Frame, Add	*383.96*	
		For Clear Lacquer Finish, Add	*767.91*	
		For Baked Enamel Standard Colors, Add	*1,151.87*	
		For Anodized Finish, Add	*1,535.82*	
		For Kynar® Standard Colors Finish, Add	*2,111.75*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,466.85	192.95
		For Flange Frame, Add	*408.09*	
		For Clear Lacquer Finish, Add	*816.19*	
		For Baked Enamel Standard Colors, Add	*1,224.28*	
		For Anodized Finish, Add	*1,632.38*	
		For Kynar® Standard Colors Finish, Add	*2,244.52*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,795.20	199.60
		For Flange Frame, Add	*439.60*	
		For Clear Lacquer Finish, Add	*879.20*	
		For Baked Enamel Standard Colors, Add	*1,318.80*	
		For Anodized Finish, Add	*1,758.40*	
		For Kynar® Standard Colors Finish, Add	*2,417.79*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,040.69	209.58
		For Flange Frame, Add	*462.15*	
		For Clear Lacquer Finish, Add	*924.30*	
		For Baked Enamel Standard Colors, Add	*1,386.46*	
		For Anodized Finish, Add	*1,848.61*	
		For Kynar® Standard Colors Finish, Add	*2,541.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,229.21	86.49
		For Flange Frame, Add	*105.62*	
		For Clear Lacquer Finish, Add	*211.24*	
		For Baked Enamel Standard Colors, Add	*316.87*	
		For Anodized Finish, Add	*422.49*	
		For Kynar® Standard Colors Finish, Add	*580.92*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,583.05	106.46
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,844.25	119.76
		For Flange Frame, Add	*160.47*	
		For Clear Lacquer Finish, Add	*320.94*	
		For Baked Enamel Standard Colors, Add	*481.42*	
		For Anodized Finish, Add	*641.89*	
		For Kynar® Standard Colors Finish, Add	*882.60*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,129.55	126.42
		For Flange Frame, Add	*187.67*	
		For Clear Lacquer Finish, Add	*375.34*	
		For Baked Enamel Standard Colors, Add	*563.01*	
		For Anodized Finish, Add	*750.68*	
		For Kynar® Standard Colors Finish, Add	*1,032.19*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,428.30	136.40
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,695.45	143.05
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,053.13	153.03
		For Flange Frame, Add	*274.71*	
		For Clear Lacquer Finish, Add	*549.41*	
		For Baked Enamel Standard Colors, Add	*824.12*	
		For Anodized Finish, Add	*1,098.83*	
		For Kynar® Standard Colors Finish, Add	*1,510.89*	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,387.01	163.02
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,647.22	172.99
		For Flange Frame, Add	*330.12*	
		For Clear Lacquer Finish, Add	*660.25*	
		For Baked Enamel Standard Colors, Add	*990.37*	
		For Anodized Finish, Add	*1,320.50*	
		For Kynar® Standard Colors Finish, Add	*1,815.68*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,902.92	182.97
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,148.54	189.62
		For Flange Frame, Add	*376.93*	
		For Clear Lacquer Finish, Add	*753.86*	
		For Baked Enamel Standard Colors, Add	*1,130.79*	
		For Anodized Finish, Add	*1,507.72*	
		For Kynar® Standard Colors Finish, Add	*2,073.11*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,480.30	196.28
		For Flange Frame, Add	*408.77*	
		For Clear Lacquer Finish, Add	*817.55*	
		For Baked Enamel Standard Colors, Add	*1,226.32*	
		For Anodized Finish, Add	*1,635.10*	
		For Kynar® Standard Colors Finish, Add	*2,248.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,747.46	202.93
		For Flange Frame, Add	*434.16*	
		For Clear Lacquer Finish, Add	*868.32*	
		For Baked Enamel Standard Colors, Add	*1,302.48*	
		For Anodized Finish, Add	*1,736.64*	
		For Kynar® Standard Colors Finish, Add	*2,387.88*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,092.82	209.58
		For Flange Frame, Add	*467.37*	
		For Clear Lacquer Finish, Add	*934.73*	
		For Baked Enamel Standard Colors, Add	*1,402.10*	
		For Anodized Finish, Add	*1,869.46*	
		For Kynar® Standard Colors Finish, Add	*2,570.51*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,346.38	216.24
		For Flange Frame, Add	*491.39*	
		For Clear Lacquer Finish, Add	*982.78*	
		For Baked Enamel Standard Colors, Add	*1,474.17*	
		For Anodized Finish, Add	*1,965.56*	
		For Kynar® Standard Colors Finish, Add	*2,702.65*	
08 91 16 00-0137		Adjustable Intake Wall Louvers Operators *(08 91 16)*		
08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	311.32	33.27
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	681.66	13.31
08 91 19		**Fixed Louvers** *(08 91)*		
08 91 19 00-0001		Fixed Intake Wall Louvers *(08 91 19)*		
08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	402.13	29.94
		For Flange Frame, Add	*34.23*	
		For Clear Lacquer Finish, Add	*68.45*	
		For Baked Enamel Standard Colors, Add	*102.68*	
		For Anodized Finish, Add	*136.90*	
		For Kynar® Standard Colors Finish, Add	*188.24*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	477.77	36.60
		For Flange Frame, Add	*40.46*	
		For Clear Lacquer Finish, Add	*80.92*	
		For Baked Enamel Standard Colors, Add	*121.37*	
		For Anodized Finish, Add	*161.83*	
		For Kynar® Standard Colors Finish, Add	*222.52*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	554.53	43.25
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	650.57	49.91
		For Flange Frame, Add	*55.08*	
		For Clear Lacquer Finish, Add	*110.15*	
		For Baked Enamel Standard Colors, Add	*165.23*	
		For Anodized Finish, Add	*220.31*	
		For Kynar® Standard Colors Finish, Add	*302.92*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	731.88	56.55
		For Flange Frame, Add	*61.88*	
		For Clear Lacquer Finish, Add	*123.75*	
		For Baked Enamel Standard Colors, Add	*185.63*	
		For Anodized Finish, Add	*247.51*	
		For Kynar® Standard Colors Finish, Add	*340.32*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	863.05	63.20
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	935.29	69.86
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,045.91	79.84
		For Flange Frame, Add	*88.62*	
		For Clear Lacquer Finish, Add	*177.24*	
		For Baked Enamel Standard Colors, Add	*265.87*	
		For Anodized Finish, Add	*354.49*	
		For Kynar® Standard Colors Finish, Add	*487.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,112.48	86.49
		For Flange Frame, Add	*93.95*	
		For Clear Lacquer Finish, Add	*187.90*	
		For Baked Enamel Standard Colors, Add	*281.85*	
		For Anodized Finish, Add	*375.80*	
		For Kynar® Standard Colors Finish, Add	*516.72*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,202.84	93.15
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,281.88	99.80
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,375.66	106.46
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,463.76	113.11
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,542.65	123.09
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,647.61	133.07
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	467.57	36.60
		For Flange Frame, Add	*39.44*	
		For Clear Lacquer Finish, Add	*78.88*	
		For Baked Enamel Standard Colors, Add	*118.31*	
		For Anodized Finish, Add	*157.75*	
		For Kynar® Standard Colors Finish, Add	*216.91*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	561.19	46.58
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	650.43	53.23
		For Flange Frame, Add	*54.40*	
		For Clear Lacquer Finish, Add	*108.79*	
		For Baked Enamel Standard Colors, Add	*163.19*	
		For Anodized Finish, Add	*217.59*	
		For Kynar® Standard Colors Finish, Add	*299.18*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	815.30	66.53
		For Flange Frame, Add	*68.22*	
		For Clear Lacquer Finish, Add	*136.45*	
		For Baked Enamel Standard Colors, Add	*204.67*	
		For Anodized Finish, Add	*272.89*	
		For Kynar® Standard Colors Finish, Add	*375.23*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	935.14	73.19
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,041.38	79.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.17*	
		For Clear Lacquer Finish, Add	*176.34*	
		For Baked Enamel Standard Colors, Add	*264.51*	
		For Anodized Finish, Add	*352.68*	
		For Kynar® Standard Colors Finish, Add	*484.93*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,117.01	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,243.50	96.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*105.06*	
		For Clear Lacquer Finish, Add	*210.11*	
		For Baked Enamel Standard Colors, Add	*315.17*	
		For Anodized Finish, Add	*420.22*	
		For Kynar® Standard Colors Finish, Add	*577.80*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,332.59	106.46
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.90*	
		For Anodized Finish, Add	*447.87*	
		For Kynar® Standard Colors Finish, Add	*615.82*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,447.90	113.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,536.00	119.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,634.31	126.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,737.14	133.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*147.10*	
		For Clear Lacquer Finish, Add	*294.20*	
		For Baked Enamel Standard Colors, Add	*441.30*	
		For Anodized Finish, Add	*588.40*	
		For Kynar® Standard Colors Finish, Add	*809.05*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,828.49	143.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,954.98	153.03
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*164.89*	
		For Clear Lacquer Finish, Add	*329.78*	
		For Baked Enamel Standard Colors, Add	*494.68*	
		For Anodized Finish, Add	*659.57*	
		For Kynar® Standard Colors Finish, Add	*906.91*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	540.94	43.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*45.45*	
		For Clear Lacquer Finish, Add	*90.89*	
		For Baked Enamel Standard Colors, Add	*136.34*	
		For Anodized Finish, Add	*181.78*	
		For Kynar® Standard Colors Finish, Add	*249.95*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	644.77	53.23
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.83*	
		For Clear Lacquer Finish, Add	*107.66*	
		For Baked Enamel Standard Colors, Add	*161.49*	
		For Anodized Finish, Add	*215.32*	
		For Kynar® Standard Colors Finish, Add	*296.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	798.46	63.20
		For Flange Frame, Add	*67.20*	
		For Clear Lacquer Finish, Add	*134.41*	
		For Baked Enamel Standard Colors, Add	*201.61*	
		For Anodized Finish, Add	*268.82*	
		For Kynar® Standard Colors Finish, Add	*369.62*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	941.79	76.51
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,077.50	83.17
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,202.99	89.82
		For Flange Frame, Add	*102.34*	
		For Clear Lacquer Finish, Add	*204.67*	
		For Baked Enamel Standard Colors, Add	*307.01*	
		For Anodized Finish, Add	*409.34*	
		For Kynar® Standard Colors Finish, Add	*562.84*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,307.95	99.80
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,447.90	113.11
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,540.54	119.76
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,692.94	133.07
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,788.98	139.73
		For Flange Frame, Add	*150.95*	
		For Clear Lacquer Finish, Add	*301.91*	
		For Baked Enamel Standard Colors, Add	*452.86*	
		For Anodized Finish, Add	*603.81*	
		For Kynar® Standard Colors Finish, Add	*830.24*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,913.34	146.38
		For Flange Frame, Add	*162.06*	
		For Clear Lacquer Finish, Add	*324.12*	
		For Baked Enamel Standard Colors, Add	*486.18*	
		For Anodized Finish, Add	*648.24*	
		For Kynar® Standard Colors Finish, Add	*891.32*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,035.45	153.03
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,129.07	163.02
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,282.76	172.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*193.68*	
		For Clear Lacquer Finish, Add	*387.36*	
		For Baked Enamel Standard Colors, Add	*581.03*	
		For Anodized Finish, Add	*774.71*	
		For Kynar® Standard Colors Finish, Add	*1,065.23*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	606.38	49.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*50.66*	
		For Clear Lacquer Finish, Add	*101.32*	
		For Baked Enamel Standard Colors, Add	*151.97*	
		For Anodized Finish, Add	*202.63*	
		For Kynar® Standard Colors Finish, Add	*278.62*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	784.71	66.53
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	915.73	76.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.27*	
		For Clear Lacquer Finish, Add	*152.54*	
		For Baked Enamel Standard Colors, Add	*228.81*	
		For Anodized Finish, Add	*305.08*	
		For Kynar® Standard Colors Finish, Add	*419.49*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,068.28	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*89.53*	
		For Clear Lacquer Finish, Add	*179.06*	
		For Baked Enamel Standard Colors, Add	*268.59*	
		For Anodized Finish, Add	*358.12*	
		For Kynar® Standard Colors Finish, Add	*492.41*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,231.17	93.15
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,369.01	103.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,471.84	109.78
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*125.23*	
		For Clear Lacquer Finish, Add	*250.45*	
		For Baked Enamel Standard Colors, Add	*375.68*	
		For Anodized Finish, Add	*500.91*	
		For Kynar® Standard Colors Finish, Add	*688.75*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,616.47	119.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.69*	
		For Clear Lacquer Finish, Add	*275.39*	
		For Baked Enamel Standard Colors, Add	*413.08*	
		For Anodized Finish, Add	*550.78*	
		For Kynar® Standard Colors Finish, Add	*757.32*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,731.77	126.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*147.89*	
		For Clear Lacquer Finish, Add	*295.79*	
		For Baked Enamel Standard Colors, Add	*443.68*	
		For Anodized Finish, Add	*591.57*	
		For Kynar® Standard Colors Finish, Add	*813.41*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,907.97	139.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.85*	
		For Clear Lacquer Finish, Add	*325.70*	
		For Baked Enamel Standard Colors, Add	*488.56*	
		For Anodized Finish, Add	*651.41*	
		For Kynar® Standard Colors Finish, Add	*895.69*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,020.85	149.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.15*	
		For Clear Lacquer Finish, Add	*344.29*	
		For Baked Enamel Standard Colors, Add	*516.44*	
		For Anodized Finish, Add	*688.58*	
		For Kynar® Standard Colors Finish, Add	*946.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,153.16	156.36
		For Flange Frame, Add	*184.05*	
		For Clear Lacquer Finish, Add	*368.09*	
		For Baked Enamel Standard Colors, Add	*552.14*	
		For Anodized Finish, Add	*736.18*	
		For Kynar® Standard Colors Finish, Add	*1,012.25*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,284.33	163.02
		For Flange Frame, Add	*195.83*	
		For Clear Lacquer Finish, Add	*391.66*	
		For Baked Enamel Standard Colors, Add	*587.49*	
		For Anodized Finish, Add	*783.32*	
		For Kynar® Standard Colors Finish, Add	*1,077.07*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,394.95	172.99
		For Flange Frame, Add	*204.90*	
		For Clear Lacquer Finish, Add	*409.79*	
		For Baked Enamel Standard Colors, Add	*614.69*	
		For Anodized Finish, Add	*819.59*	
		For Kynar® Standard Colors Finish, Add	*1,126.93*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,569.05	182.97
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	672.95	56.55
		For Flange Frame, Add	*55.98*	
		For Clear Lacquer Finish, Add	*111.97*	
		For Baked Enamel Standard Colors, Add	*167.95*	
		For Anodized Finish, Add	*223.94*	
		For Kynar® Standard Colors Finish, Add	*307.91*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	883.01	73.19
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,020.83	83.17
		For Flange Frame, Add	*85.45*	
		For Clear Lacquer Finish, Add	*170.90*	
		For Baked Enamel Standard Colors, Add	*256.35*	
		For Anodized Finish, Add	*341.80*	
		For Kynar® Standard Colors Finish, Add	*469.97*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,184.71	93.15
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,368.42	101.13
		For Flange Frame, Add	*116.62*	
		For Clear Lacquer Finish, Add	*233.23*	
		For Baked Enamel Standard Colors, Add	*349.85*	
		For Anodized Finish, Add	*466.46*	
		For Kynar® Standard Colors Finish, Add	*641.38*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,511.51	109.78
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,634.74	116.44
		For Flange Frame, Add	*140.19*	
		For Clear Lacquer Finish, Add	*280.37*	
		For Baked Enamel Standard Colors, Add	*420.56*	
		For Anodized Finish, Add	*560.75*	
		For Kynar® Standard Colors Finish, Add	*771.03*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,799.77	126.42
		For Flange Frame, Add	*154.69*	
		For Clear Lacquer Finish, Add	*309.39*	
		For Baked Enamel Standard Colors, Add	*464.08*	
		For Anodized Finish, Add	*618.77*	
		For Kynar® Standard Colors Finish, Add	*850.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,925.12	136.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.23*	
		For Clear Lacquer Finish, Add	*330.46*	
		For Baked Enamel Standard Colors, Add	*495.70*	
		For Anodized Finish, Add	*660.93*	
		For Kynar® Standard Colors Finish, Add	*908.78*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,123.00	146.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.03*	
		For Clear Lacquer Finish, Add	*366.05*	
		For Baked Enamel Standard Colors, Add	*549.08*	
		For Anodized Finish, Add	*732.10*	
		For Kynar® Standard Colors Finish, Add	*1,006.64*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,254.02	156.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*194.13*	
		For Clear Lacquer Finish, Add	*388.26*	
		For Baked Enamel Standard Colors, Add	*582.39*	
		For Anodized Finish, Add	*776.52*	
		For Kynar® Standard Colors Finish, Add	*1,067.72*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,395.39	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.94*	
		For Clear Lacquer Finish, Add	*413.87*	
		For Baked Enamel Standard Colors, Add	*620.81*	
		For Anodized Finish, Add	*827.75*	
		For Kynar® Standard Colors Finish, Add	*1,138.15*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,542.43	169.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,668.91	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*230.96*	
		For Clear Lacquer Finish, Add	*461.92*	
		For Baked Enamel Standard Colors, Add	*692.89*	
		For Anodized Finish, Add	*923.85*	
		For Kynar® Standard Colors Finish, Add	*1,270.29*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,865.67	189.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*248.64*	
		For Clear Lacquer Finish, Add	*497.28*	
		For Baked Enamel Standard Colors, Add	*745.93*	
		For Anodized Finish, Add	*994.57*	
		For Kynar® Standard Colors Finish, Add	*1,367.53*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	782.59	63.20
		Note: Includes bird screen.		
		For Flange Frame, Add	*65.62*	
		For Clear Lacquer Finish, Add	*131.23*	
		For Baked Enamel Standard Colors, Add	*196.85*	
		For Anodized Finish, Add	*262.47*	
		For Kynar® Standard Colors Finish, Add	*360.89*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	959.79	79.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*80.01*	
		For Clear Lacquer Finish, Add	*160.02*	
		For Baked Enamel Standard Colors, Add	*240.03*	
		For Anodized Finish, Add	*320.04*	
		For Kynar® Standard Colors Finish, Add	*440.06*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,112.33	89.82
		Note: Includes bird screen.		
		For Flange Frame, Add	*93.27*	
		For Clear Lacquer Finish, Add	*186.54*	
		For Baked Enamel Standard Colors, Add	*279.81*	
		For Anodized Finish, Add	*373.08*	
		For Kynar® Standard Colors Finish, Add	*512.98*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,301.01	103.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,500.18	109.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*128.06*	
		For Clear Lacquer Finish, Add	*256.12*	
		For Baked Enamel Standard Colors, Add	*384.18*	
		For Anodized Finish, Add	*512.24*	
		For Kynar® Standard Colors Finish, Add	*704.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,659.67	116.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,797.64	123.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*155.15*	
		For Clear Lacquer Finish, Add	*310.29*	
		For Baked Enamel Standard Colors, Add	*465.44*	
		For Anodized Finish, Add	*620.58*	
		For Kynar® Standard Colors Finish, Add	*853.30*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,962.66	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.65*	
		For Clear Lacquer Finish, Add	*339.30*	
		For Baked Enamel Standard Colors, Add	*508.96*	
		For Anodized Finish, Add	*678.61*	
		For Kynar® Standard Colors Finish, Add	*933.09*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,103.88	143.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*181.78*	
		For Clear Lacquer Finish, Add	*363.56*	
		For Baked Enamel Standard Colors, Add	*545.33*	
		For Anodized Finish, Add	*727.11*	
		For Kynar® Standard Colors Finish, Add	*999.78*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,323.30	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,464.52	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,624.02	169.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*228.47*	
		For Clear Lacquer Finish, Add	*456.94*	
		For Baked Enamel Standard Colors, Add	*685.41*	
		For Anodized Finish, Add	*913.88*	
		For Kynar® Standard Colors Finish, Add	*1,256.58*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,784.66	176.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,933.81	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.12*	
		For Clear Lacquer Finish, Add	*512.24*	
		For Baked Enamel Standard Colors, Add	*768.36*	
		For Anodized Finish, Add	*1,024.48*	
		For Kynar® Standard Colors Finish, Add	*1,408.67*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,145.30	196.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*275.27*	
		For Clear Lacquer Finish, Add	*550.55*	
		For Baked Enamel Standard Colors, Add	*825.82*	
		For Anodized Finish, Add	*1,101.10*	
		For Kynar® Standard Colors Finish, Add	*1,514.01*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	855.96	69.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*71.62*	
		For Clear Lacquer Finish, Add	*143.25*	
		For Baked Enamel Standard Colors, Add	*214.87*	
		For Anodized Finish, Add	*286.49*	
		For Kynar® Standard Colors Finish, Add	*393.93*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,049.02	86.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*87.60*	
		For Clear Lacquer Finish, Add	*175.21*	
		For Baked Enamel Standard Colors, Add	*262.81*	
		For Anodized Finish, Add	*350.41*	
		For Kynar® Standard Colors Finish, Add	*481.82*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,228.62	99.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*102.90*	
		For Clear Lacquer Finish, Add	*205.80*	
		For Baked Enamel Standard Colors, Add	*308.71*	
		For Anodized Finish, Add	*411.61*	
		For Kynar® Standard Colors Finish, Add	*565.96*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,414.05	109.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*119.45*	
		For Clear Lacquer Finish, Add	*238.90*	
		For Baked Enamel Standard Colors, Add	*358.34*	
		For Anodized Finish, Add	*477.79*	
		For Kynar® Standard Colors Finish, Add	*656.96*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,641.54	116.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,825.97	123.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,978.53	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*171.24*	
		For Clear Lacquer Finish, Add	*342.48*	
		For Baked Enamel Standard Colors, Add	*513.72*	
		For Anodized Finish, Add	*684.96*	
		For Kynar® Standard Colors Finish, Add	*941.81*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,218.34	143.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,323.30	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,557.45	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,720.20	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.42*	
		For Clear Lacquer Finish, Add	*474.84*	
		For Baked Enamel Standard Colors, Add	*712.27*	
		For Anodized Finish, Add	*949.69*	
		For Kynar® Standard Colors Finish, Add	*1,305.82*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,897.84	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.86*	
		For Clear Lacquer Finish, Add	*507.71*	
		For Baked Enamel Standard Colors, Add	*761.57*	
		For Anodized Finish, Add	*1,015.42*	
		For Kynar® Standard Colors Finish, Add	*1,396.20*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,075.47	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*270.29*	
		For Clear Lacquer Finish, Add	*540.57*	
		For Baked Enamel Standard Colors, Add	*810.86*	
		For Anodized Finish, Add	*1,081.15*	
		For Kynar® Standard Colors Finish, Add	*1,486.58*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,223.64	192.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.77*	
		For Clear Lacquer Finish, Add	*567.55*	
		For Baked Enamel Standard Colors, Add	*851.32*	
		For Anodized Finish, Add	*1,135.09*	
		For Kynar® Standard Colors Finish, Add	*1,560.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,466.85	202.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	948.45	79.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,164.17	96.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*97.12*	
		For Clear Lacquer Finish, Add	*194.24*	
		For Baked Enamel Standard Colors, Add	*291.37*	
		For Anodized Finish, Add	*388.49*	
		For Kynar® Standard Colors Finish, Add	*534.17*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,362.90	113.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*113.67*	
		For Clear Lacquer Finish, Add	*227.34*	
		For Baked Enamel Standard Colors, Add	*341.00*	
		For Anodized Finish, Add	*454.67*	
		For Kynar® Standard Colors Finish, Add	*625.17*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,560.93	119.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*132.14*	
		For Clear Lacquer Finish, Add	*264.28*	
		For Baked Enamel Standard Colors, Add	*396.42*	
		For Anodized Finish, Add	*528.56*	
		For Kynar® Standard Colors Finish, Add	*726.77*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,832.63	126.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,021.59	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,200.21	143.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*191.41*	
		For Clear Lacquer Finish, Add	*382.82*	
		For Baked Enamel Standard Colors, Add	*574.23*	
		For Anodized Finish, Add	*765.64*	
		For Kynar® Standard Colors Finish, Add	*1,052.76*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,461.56	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,645.84	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*231.98*	
		For Clear Lacquer Finish, Add	*463.96*	
		For Baked Enamel Standard Colors, Add	*695.95*	
		For Anodized Finish, Add	*927.93*	
		For Kynar® Standard Colors Finish, Add	*1,275.90*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,919.66	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,096.16	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.69*	
		For Clear Lacquer Finish, Add	*547.37*	
		For Baked Enamel Standard Colors, Add	*821.06*	
		For Anodized Finish, Add	*1,094.75*	
		For Kynar® Standard Colors Finish, Add	*1,505.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,297.60	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*292.50*	
		For Clear Lacquer Finish, Add	*585.00*	
		For Baked Enamel Standard Colors, Add	*877.50*	
		For Anodized Finish, Add	*1,170.00*	
		For Kynar® Standard Colors Finish, Add	*1,608.75*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,491.10	192.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*310.52*	
		For Clear Lacquer Finish, Add	*621.04*	
		For Baked Enamel Standard Colors, Add	*931.56*	
		For Anodized Finish, Add	*1,242.08*	
		For Kynar® Standard Colors Finish, Add	*1,707.85*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,651.72	199.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*325.25*	
		For Clear Lacquer Finish, Add	*650.50*	
		For Baked Enamel Standard Colors, Add	*975.75*	
		For Anodized Finish, Add	*1,301.00*	
		For Kynar® Standard Colors Finish, Add	*1,788.88*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,934.60	209.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,019.55	86.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,257.79	106.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,461.21	119.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,689.84	126.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.70*	
		For Clear Lacquer Finish, Add	*287.40*	
		For Baked Enamel Standard Colors, Add	*431.10*	
		For Anodized Finish, Add	*574.80*	
		For Kynar® Standard Colors Finish, Add	*790.35*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,973.85	136.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*170.11*	
		For Clear Lacquer Finish, Add	*340.21*	
		For Baked Enamel Standard Colors, Add	*510.32*	
		For Anodized Finish, Add	*680.42*	
		For Kynar® Standard Colors Finish, Add	*935.58*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,185.48	143.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,372.03	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.60*	
		For Clear Lacquer Finish, Add	*413.19*	
		For Baked Enamel Standard Colors, Add	*619.79*	
		For Anodized Finish, Add	*826.39*	
		For Kynar® Standard Colors Finish, Add	*1,136.28*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,651.51	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.55*	
		For Clear Lacquer Finish, Add	*465.10*	
		For Baked Enamel Standard Colors, Add	*697.65*	
		For Anodized Finish, Add	*930.20*	
		For Kynar® Standard Colors Finish, Add	*1,279.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,849.40	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*250.34*	
		For Clear Lacquer Finish, Add	*500.68*	
		For Baked Enamel Standard Colors, Add	*751.03*	
		For Anodized Finish, Add	*1,001.37*	
		For Kynar® Standard Colors Finish, Add	*1,376.88*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,145.89	182.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*277.99*	
		For Clear Lacquer Finish, Add	*555.99*	
		For Baked Enamel Standard Colors, Add	*833.98*	
		For Anodized Finish, Add	*1,111.98*	
		For Kynar® Standard Colors Finish, Add	*1,528.97*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,333.71	189.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*295.45*	
		For Clear Lacquer Finish, Add	*590.89*	
		For Baked Enamel Standard Colors, Add	*886.34*	
		For Anodized Finish, Add	*1,181.78*	
		For Kynar® Standard Colors Finish, Add	*1,624.95*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,547.61	196.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.51*	
		For Clear Lacquer Finish, Add	*631.01*	
		For Baked Enamel Standard Colors, Add	*946.52*	
		For Anodized Finish, Add	*1,262.02*	
		For Kynar® Standard Colors Finish, Add	*1,735.28*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,756.97	202.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,934.60	209.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,230.10	216.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*379.76*	
		For Clear Lacquer Finish, Add	*759.52*	
		For Baked Enamel Standard Colors, Add	*1,139.29*	
		For Anodized Finish, Add	*1,519.05*	
		For Kynar® Standard Colors Finish, Add	*2,088.69*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,174.51	93.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.82*	
		For Clear Lacquer Finish, Add	*197.64*	
		For Baked Enamel Standard Colors, Add	*296.47*	
		For Anodized Finish, Add	*395.29*	
		For Kynar® Standard Colors Finish, Add	*543.52*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,452.43	113.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,692.94	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,941.97	139.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.25*	
		For Clear Lacquer Finish, Add	*332.50*	
		For Baked Enamel Standard Colors, Add	*498.76*	
		For Anodized Finish, Add	*665.01*	
		For Kynar® Standard Colors Finish, Add	*914.39*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,272.59	146.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*197.98*	
		For Clear Lacquer Finish, Add	*395.97*	
		For Baked Enamel Standard Colors, Add	*593.95*	
		For Anodized Finish, Add	*791.94*	
		For Kynar® Standard Colors Finish, Add	*1,088.91*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,503.49	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*219.74*	
		For Clear Lacquer Finish, Add	*439.49*	
		For Baked Enamel Standard Colors, Add	*659.23*	
		For Anodized Finish, Add	*878.97*	
		For Kynar® Standard Colors Finish, Add	*1,208.59*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,726.31	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.03*	
		For Clear Lacquer Finish, Add	*480.06*	
		For Baked Enamel Standard Colors, Add	*720.09*	
		For Anodized Finish, Add	*960.12*	
		For Kynar® Standard Colors Finish, Add	*1,320.16*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,987.66	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*264.17*	
		For Clear Lacquer Finish, Add	*528.34*	
		For Baked Enamel Standard Colors, Add	*792.50*	
		For Anodized Finish, Add	*1,056.67*	
		For Kynar® Standard Colors Finish, Add	*1,452.92*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,209.35	182.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.34*	
		For Clear Lacquer Finish, Add	*568.68*	
		For Baked Enamel Standard Colors, Add	*853.02*	
		For Anodized Finish, Add	*1,137.36*	
		For Kynar® Standard Colors Finish, Add	*1,563.87*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,549.88	196.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.73*	
		For Clear Lacquer Finish, Add	*631.46*	
		For Baked Enamel Standard Colors, Add	*947.20*	
		For Anodized Finish, Add	*1,262.93*	
		For Kynar® Standard Colors Finish, Add	*1,736.53*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,763.62	206.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,989.99	212.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.42*	
		For Clear Lacquer Finish, Add	*712.83*	
		For Baked Enamel Standard Colors, Add	*1,069.25*	
		For Anodized Finish, Add	*1,425.67*	
		For Kynar® Standard Colors Finish, Add	*1,960.29*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,220.89	219.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.18*	
		For Clear Lacquer Finish, Add	*756.35*	
		For Baked Enamel Standard Colors, Add	*1,134.53*	
		For Anodized Finish, Add	*1,512.70*	
		For Kynar® Standard Colors Finish, Add	*2,079.97*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,421.19	226.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.88*	
		For Clear Lacquer Finish, Add	*793.75*	
		For Baked Enamel Standard Colors, Add	*1,190.63*	
		For Anodized Finish, Add	*1,587.50*	
		For Kynar® Standard Colors Finish, Add	*2,182.81*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,750.68	232.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*428.49*	
		For Clear Lacquer Finish, Add	*856.99*	
		For Baked Enamel Standard Colors, Add	*1,285.48*	
		For Anodized Finish, Add	*1,713.97*	
		For Kynar® Standard Colors Finish, Add	*2,356.71*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,239.95	99.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.04*	
		For Clear Lacquer Finish, Add	*208.07*	
		For Baked Enamel Standard Colors, Add	*312.11*	
		For Anodized Finish, Add	*416.14*	
		For Kynar® Standard Colors Finish, Add	*572.19*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,531.47	119.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,784.45	139.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.50*	
		For Clear Lacquer Finish, Add	*301.00*	
		For Baked Enamel Standard Colors, Add	*451.50*	
		For Anodized Finish, Add	*602.00*	
		For Kynar® Standard Colors Finish, Add	*827.75*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,054.85	149.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,409.28	156.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,652.64	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.66*	
		For Clear Lacquer Finish, Add	*465.32*	
		For Baked Enamel Standard Colors, Add	*697.99*	
		For Anodized Finish, Add	*930.65*	
		For Kynar® Standard Colors Finish, Add	*1,279.64*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,890.19	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*254.42*	
		For Clear Lacquer Finish, Add	*508.84*	
		For Baked Enamel Standard Colors, Add	*763.26*	
		For Anodized Finish, Add	*1,017.68*	
		For Kynar® Standard Colors Finish, Add	*1,399.32*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,159.62	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*280.03*	
		For Clear Lacquer Finish, Add	*560.07*	
		For Baked Enamel Standard Colors, Add	*840.10*	
		For Anodized Finish, Add	*1,120.13*	
		For Kynar® Standard Colors Finish, Add	*1,540.18*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,391.51	189.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*301.23*	
		For Clear Lacquer Finish, Add	*602.45*	
		For Baked Enamel Standard Colors, Add	*903.68*	
		For Anodized Finish, Add	*1,204.90*	
		For Kynar® Standard Colors Finish, Add	*1,656.74*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,763.62	206.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,998.91	216.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.64*	
		For Clear Lacquer Finish, Add	*713.29*	
		For Baked Enamel Standard Colors, Add	*1,069.93*	
		For Anodized Finish, Add	*1,426.57*	
		For Kynar® Standard Colors Finish, Add	*1,961.54*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,232.07	222.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.63*	
		For Clear Lacquer Finish, Add	*757.26*	
		For Baked Enamel Standard Colors, Add	*1,135.89*	
		For Anodized Finish, Add	*1,514.52*	
		For Kynar® Standard Colors Finish, Add	*2,082.46*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,468.63	229.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*400.95*	
		For Clear Lacquer Finish, Add	*801.91*	
		For Baked Enamel Standard Colors, Add	*1,202.86*	
		For Anodized Finish, Add	*1,603.82*	
		For Kynar® Standard Colors Finish, Add	*2,205.25*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,690.47	236.20
		Note: Includes bird screen.		
		For Flange Frame, Add	*421.81*	
		For Clear Lacquer Finish, Add	*843.61*	
		For Baked Enamel Standard Colors, Add	*1,265.42*	
		For Anodized Finish, Add	*1,687.23*	
		For Kynar® Standard Colors Finish, Add	*2,319.94*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,041.50	242.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*455.58*	
		For Clear Lacquer Finish, Add	*911.16*	
		For Baked Enamel Standard Colors, Add	*1,366.74*	
		For Anodized Finish, Add	*1,822.32*	
		For Kynar® Standard Colors Finish, Add	*2,505.68*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,318.99	106.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.61*	
		For Clear Lacquer Finish, Add	*221.22*	
		For Baked Enamel Standard Colors, Add	*331.82*	
		For Anodized Finish, Add	*442.43*	
		For Kynar® Standard Colors Finish, Add	*608.34*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,618.44	126.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.56*	
		For Clear Lacquer Finish, Add	*273.12*	
		For Baked Enamel Standard Colors, Add	*409.68*	
		For Anodized Finish, Add	*546.24*	
		For Kynar® Standard Colors Finish, Add	*751.08*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,877.08	146.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*158.43*	
		For Clear Lacquer Finish, Add	*316.87*	
		For Baked Enamel Standard Colors, Add	*475.30*	
		For Anodized Finish, Add	*633.73*	
		For Kynar® Standard Colors Finish, Add	*871.38*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,165.62	156.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.29*	
		For Clear Lacquer Finish, Add	*370.58*	
		For Baked Enamel Standard Colors, Add	*555.87*	
		For Anodized Finish, Add	*741.16*	
		For Kynar® Standard Colors Finish, Add	*1,019.10*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,540.45	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.44*	
		For Clear Lacquer Finish, Add	*442.89*	
		For Baked Enamel Standard Colors, Add	*664.33*	
		For Anodized Finish, Add	*885.77*	
		For Kynar® Standard Colors Finish, Add	*1,217.94*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,794.01	169.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,048.56	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,333.86	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*296.13*	
		For Clear Lacquer Finish, Add	*592.25*	
		For Baked Enamel Standard Colors, Add	*888.38*	
		For Anodized Finish, Add	*1,184.50*	
		For Kynar® Standard Colors Finish, Add	*1,628.69*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,582.74	196.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,978.65	212.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*355.28*	
		For Clear Lacquer Finish, Add	*710.57*	
		For Baked Enamel Standard Colors, Add	*1,065.85*	
		For Anodized Finish, Add	*1,421.13*	
		For Kynar® Standard Colors Finish, Add	*1,954.06*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,225.27	222.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*377.95*	
		For Clear Lacquer Finish, Add	*755.90*	
		For Baked Enamel Standard Colors, Add	*1,133.85*	
		For Anodized Finish, Add	*1,511.80*	
		For Kynar® Standard Colors Finish, Add	*2,078.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,483.23	232.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*401.75*	
		For Clear Lacquer Finish, Add	*803.50*	
		For Baked Enamel Standard Colors, Add	*1,205.24*	
		For Anodized Finish, Add	*1,606.99*	
		For Kynar® Standard Colors Finish, Add	*2,209.61*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,719.79	239.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*424.07*	
		For Clear Lacquer Finish, Add	*848.15*	
		For Baked Enamel Standard Colors, Add	*1,272.22*	
		For Anodized Finish, Add	*1,696.29*	
		For Kynar® Standard Colors Finish, Add	*2,332.40*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,956.35	246.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*446.40*	
		For Clear Lacquer Finish, Add	*892.80*	
		For Baked Enamel Standard Colors, Add	*1,339.20*	
		For Anodized Finish, Add	*1,785.60*	
		For Kynar® Standard Colors Finish, Add	*2,455.19*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,330.04	252.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*482.44*	
		For Clear Lacquer Finish, Add	*964.87*	
		For Baked Enamel Standard Colors, Add	*1,447.31*	
		For Anodized Finish, Add	*1,929.75*	
		For Kynar® Standard Colors Finish, Add	*2,653.40*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,383.30	113.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*115.71*	
		For Clear Lacquer Finish, Add	*231.42*	
		For Baked Enamel Standard Colors, Add	*347.12*	
		For Anodized Finish, Add	*462.83*	
		For Kynar® Standard Colors Finish, Add	*636.39*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,695.21	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.91*	
		For Clear Lacquer Finish, Add	*285.81*	
		For Baked Enamel Standard Colors, Add	*428.72*	
		For Anodized Finish, Add	*571.63*	
		For Kynar® Standard Colors Finish, Add	*785.99*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,981.05	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,278.66	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*195.26*	
		For Clear Lacquer Finish, Add	*390.53*	
		For Baked Enamel Standard Colors, Add	*585.79*	
		For Anodized Finish, Add	*781.06*	
		For Kynar® Standard Colors Finish, Add	*1,073.95*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,677.29	169.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*233.80*	
		For Clear Lacquer Finish, Add	*467.59*	
		For Baked Enamel Standard Colors, Add	*701.39*	
		For Anodized Finish, Add	*935.18*	
		For Kynar® Standard Colors Finish, Add	*1,285.88*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,945.58	176.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*259.29*	
		For Clear Lacquer Finish, Add	*518.59*	
		For Baked Enamel Standard Colors, Add	*777.88*	
		For Anodized Finish, Add	*1,037.18*	
		For Kynar® Standard Colors Finish, Add	*1,426.12*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,205.80	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.32*	
		For Clear Lacquer Finish, Add	*566.64*	
		For Baked Enamel Standard Colors, Add	*849.96*	
		For Anodized Finish, Add	*1,133.28*	
		For Kynar® Standard Colors Finish, Add	*1,558.26*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,513.76	192.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*312.79*	
		For Clear Lacquer Finish, Add	*625.57*	
		For Baked Enamel Standard Colors, Add	*938.36*	
		For Anodized Finish, Add	*1,251.14*	
		For Kynar® Standard Colors Finish, Add	*1,720.32*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,775.10	202.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*336.92*	
		For Clear Lacquer Finish, Add	*673.85*	
		For Baked Enamel Standard Colors, Add	*1,010.77*	
		For Anodized Finish, Add	*1,347.70*	
		For Kynar® Standard Colors Finish, Add	*1,853.08*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,194.82	219.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*375.57*	
		For Clear Lacquer Finish, Add	*751.14*	
		For Baked Enamel Standard Colors, Add	*1,126.71*	
		For Anodized Finish, Add	*1,502.28*	
		For Kynar® Standard Colors Finish, Add	*2,065.63*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,450.50	229.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*399.14*	
		For Clear Lacquer Finish, Add	*798.28*	
		For Baked Enamel Standard Colors, Add	*1,197.42*	
		For Anodized Finish, Add	*1,596.56*	
		For Kynar® Standard Colors Finish, Add	*2,195.28*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,731.13	239.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*425.21*	
		For Clear Lacquer Finish, Add	*850.41*	
		For Baked Enamel Standard Colors, Add	*1,275.62*	
		For Anodized Finish, Add	*1,700.83*	
		For Kynar® Standard Colors Finish, Add	*2,338.64*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,031.15	246.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*453.88*	
		For Clear Lacquer Finish, Add	*907.76*	
		For Baked Enamel Standard Colors, Add	*1,361.64*	
		For Anodized Finish, Add	*1,815.52*	
		For Kynar® Standard Colors Finish, Add	*2,496.33*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,301.71	252.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*479.60*	
		For Clear Lacquer Finish, Add	*959.21*	
		For Baked Enamel Standard Colors, Add	*1,438.81*	
		For Anodized Finish, Add	*1,918.42*	
		For Kynar® Standard Colors Finish, Add	*2,637.82*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,703.73	259.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*518.48*	
		For Clear Lacquer Finish, Add	*1,036.95*	
		For Baked Enamel Standard Colors, Add	*1,555.43*	
		For Anodized Finish, Add	*2,073.90*	
		For Kynar® Standard Colors Finish, Add	*2,851.62*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,467.86	123.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,784.30	143.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*149.82*	
		For Clear Lacquer Finish, Add	*299.64*	
		For Baked Enamel Standard Colors, Add	*449.46*	
		For Anodized Finish, Add	*599.28*	
		For Kynar® Standard Colors Finish, Add	*824.01*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,081.47	163.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,388.15	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,813.97	179.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,091.34	186.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*271.87*	
		For Clear Lacquer Finish, Add	*543.75*	
		For Baked Enamel Standard Colors, Add	*815.62*	
		For Anodized Finish, Add	*1,087.50*	
		For Kynar® Standard Colors Finish, Add	*1,495.31*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,356.24	192.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*297.03*	
		For Clear Lacquer Finish, Add	*594.07*	
		For Baked Enamel Standard Colors, Add	*891.10*	
		For Anodized Finish, Add	*1,188.13*	
		For Kynar® Standard Colors Finish, Add	*1,633.68*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,681.19	199.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*328.20*	
		For Clear Lacquer Finish, Add	*656.40*	
		For Baked Enamel Standard Colors, Add	*984.59*	
		For Anodized Finish, Add	*1,312.79*	
		For Kynar® Standard Colors Finish, Add	*1,805.09*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,956.14	209.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,399.65	226.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*394.72*	
		For Clear Lacquer Finish, Add	*789.44*	
		For Baked Enamel Standard Colors, Add	*1,184.16*	
		For Anodized Finish, Add	*1,578.88*	
		For Kynar® Standard Colors Finish, Add	*2,170.97*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,666.67	236.20
		Note: Includes bird screen.		
		For Flange Frame, Add	*419.43*	
		For Clear Lacquer Finish, Add	*838.85*	
		For Baked Enamel Standard Colors, Add	*1,258.28*	
		For Anodized Finish, Add	*1,677.71*	
		For Kynar® Standard Colors Finish, Add	*2,306.85*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,972.22	246.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*447.99*	
		For Clear Lacquer Finish, Add	*895.97*	
		For Baked Enamel Standard Colors, Add	*1,343.96*	
		For Anodized Finish, Add	*1,791.94*	
		For Kynar® Standard Colors Finish, Add	*2,463.92*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,290.38	252.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*478.47*	
		For Clear Lacquer Finish, Add	*956.94*	
		For Baked Enamel Standard Colors, Add	*1,435.41*	
		For Anodized Finish, Add	*1,913.88*	
		For Kynar® Standard Colors Finish, Add	*2,631.59*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,560.78	262.82
		Note: Includes bird screen.		
		For Flange Frame, Add	*503.52*	
		For Clear Lacquer Finish, Add	*1,007.03*	
		For Baked Enamel Standard Colors, Add	*1,510.55*	
		For Anodized Finish, Add	*2,014.06*	
		For Kynar® Standard Colors Finish, Add	*2,769.34*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,986.61	269.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*544.77*	
		For Clear Lacquer Finish, Add	*1,089.54*	
		For Baked Enamel Standard Colors, Add	*1,634.30*	
		For Anodized Finish, Add	*2,179.07*	
		For Kynar® Standard Colors Finish, Add	*2,996.22*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,541.08	133.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*127.49*	
		For Clear Lacquer Finish, Add	*254.99*	
		For Baked Enamel Standard Colors, Add	*382.48*	
		For Anodized Finish, Add	*509.98*	
		For Kynar® Standard Colors Finish, Add	*701.22*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,868.85	153.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.28*	
		For Clear Lacquer Finish, Add	*312.56*	
		For Baked Enamel Standard Colors, Add	*468.84*	
		For Anodized Finish, Add	*625.12*	
		For Kynar® Standard Colors Finish, Add	*859.53*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,180.76	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.48*	
		For Clear Lacquer Finish, Add	*366.96*	
		For Baked Enamel Standard Colors, Add	*550.43*	
		For Anodized Finish, Add	*733.91*	
		For Kynar® Standard Colors Finish, Add	*1,009.13*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,504.45	182.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,943.86	189.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.46*	
		For Clear Lacquer Finish, Add	*512.92*	
		For Baked Enamel Standard Colors, Add	*769.38*	
		For Anodized Finish, Add	*1,025.84*	
		For Kynar® Standard Colors Finish, Add	*1,410.54*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,267.69	196.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*287.51*	
		For Clear Lacquer Finish, Add	*575.03*	
		For Baked Enamel Standard Colors, Add	*862.54*	
		For Anodized Finish, Add	*1,150.05*	
		For Kynar® Standard Colors Finish, Add	*1,581.32*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,549.58	202.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*314.37*	
		For Clear Lacquer Finish, Add	*628.74*	
		For Baked Enamel Standard Colors, Add	*943.12*	
		For Anodized Finish, Add	*1,257.49*	
		For Kynar® Standard Colors Finish, Add	*1,729.05*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,858.67	209.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*343.95*	
		For Clear Lacquer Finish, Add	*687.90*	
		For Baked Enamel Standard Colors, Add	*1,031.85*	
		For Anodized Finish, Add	*1,375.80*	
		For Kynar® Standard Colors Finish, Add	*1,891.73*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,145.11	216.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*371.26*	
		For Clear Lacquer Finish, Add	*742.53*	
		For Baked Enamel Standard Colors, Add	*1,113.79*	
		For Anodized Finish, Add	*1,485.05*	
		For Kynar® Standard Colors Finish, Add	*2,041.95*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,621.49	232.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*415.57*	
		For Clear Lacquer Finish, Add	*831.15*	
		For Baked Enamel Standard Colors, Add	*1,246.72*	
		For Anodized Finish, Add	*1,662.30*	
		For Kynar® Standard Colors Finish, Add	*2,285.66*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,678.16	242.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*319.25*	
		For Clear Lacquer Finish, Add	*638.49*	
		For Baked Enamel Standard Colors, Add	*957.74*	
		For Anodized Finish, Add	*1,276.98*	
		For Kynar® Standard Colors Finish, Add	*1,755.85*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,209.92	252.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*470.43*	
		For Clear Lacquer Finish, Add	*940.85*	
		For Baked Enamel Standard Colors, Add	*1,411.28*	
		For Anodized Finish, Add	*1,881.70*	
		For Kynar® Standard Colors Finish, Add	*2,587.34*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,539.40	259.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*502.04*	
		For Clear Lacquer Finish, Add	*1,004.09*	
		For Baked Enamel Standard Colors, Add	*1,506.13*	
		For Anodized Finish, Add	*2,008.17*	
		For Kynar® Standard Colors Finish, Add	*2,761.24*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,823.41	269.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*528.45*	
		For Clear Lacquer Finish, Add	*1,056.90*	
		For Baked Enamel Standard Colors, Add	*1,585.34*	
		For Anodized Finish, Add	*2,113.79*	
		For Kynar® Standard Colors Finish, Add	*2,906.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	6,281.95	279.45
		For Flange Frame, Add	*572.31*	
		For Clear Lacquer Finish, Add	*1,144.61*	
		For Baked Enamel Standard Colors, Add	*1,716.92*	
		For Anodized Finish, Add	*2,289.22*	
		For Kynar® Standard Colors Finish, Add	*3,147.68*	
08 91 19 00-0227		**Fixed Hurricane Louvers** *(08 91 19)*		
08 91 19 00-0228	EA	24" x 24" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	2,143.43	63.20
08 91 19 00-0229	EA	36" x 36" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	3,181.09	101.13
08 91 19 00-0230	EA	48" x 48" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	3,870.61	133.07
08 91 19 00-0231	EA	54" x 54" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	4,418.52	153.03
08 91 19 00-0232	EA	60" x 60" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	5,125.17	172.99
08 91 19 00-0233	EA	72" x 96" x 5" Depth, Aluminum Hurricane Louvers (Greenheck EVH-501D)	8,292.28	242.85
08 91 19 00-0234		**Gable Louver Vents** *(08 91 19)* Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0235		**Aluminum Gable Louver Vents** *(08 91 19 00-0234)* Note: Includes screen.		
08 91 19 00-0236		**Rectangular Aluminum Gable Louver Vents** *(08 91 19 00-0235)* Note: Includes screen.		
08 91 19 00-0237	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	175.87	10.97
08 91 19 00-0238	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	193.00	12.60
08 91 19 00-0239	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	222.36	14.23
08 91 19 00-0240	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	243.39	15.13
08 91 19 00-0241	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	276.63	16.02
08 91 19 00-0242	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	310.71	19.21
08 91 19 00-0243	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	361.84	24.02
08 91 19 00-0244	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	404.45	28.02
08 91 19 00-0245	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	464.10	33.63
08 91 19 00-0246	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	583.39	44.83
08 91 19 00-0247		**Square Aluminum Gable Louver Vents** *(08 91 19 00-0235)* Note: Includes screen.		
08 91 19 00-0248	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	161.05	10.10
08 91 19 00-0249	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	199.71	12.81
08 91 19 00-0250	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	249.49	15.12
08 91 19 00-0251	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	319.23	20.01
08 91 19 00-0252	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	412.97	28.83
08 91 19 00-0253	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	523.65	39.21
08 91 19 00-0254	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	651.57	51.24
08 91 19 00-0255		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0235)* Note: Includes screen.		
08 91 19 00-0256	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	161.05	10.10
08 91 19 00-0257	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	199.71	12.81
08 91 19 00-0258	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	249.49	15.12
08 91 19 00-0259	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	319.23	20.01
08 91 19 00-0260	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	412.97	28.83
08 91 19 00-0261	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	523.75	39.23
08 91 19 00-0262		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0235)* Note: Includes screen.		
08 91 19 00-0263	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	161.05	10.10
08 91 19 00-0264	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	175.87	10.97
08 91 19 00-0265	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	193.00	12.60
08 91 19 00-0266	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	199.71	12.81
08 91 19 00-0267	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	222.36	14.23
08 91 19 00-0268	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	243.39	15.13
08 91 19 00-0269	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	249.49	15.12
08 91 19 00-0270	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	276.63	16.02
08 91 19 00-0271	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	310.71	19.21
08 91 19 00-0272	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	319.23	20.01
08 91 19 00-0273	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	361.84	24.02
08 91 19 00-0274	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	404.45	28.02
08 91 19 00-0275	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	412.97	28.83
08 91 19 00-0276	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	464.10	33.63
08 91 19 00-0277	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	515.22	38.43
08 91 19 00-0278	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	523.75	39.23
08 91 19 00-0279	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	583.39	44.83
08 91 19 00-0280	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	651.57	51.24
08 91 19 00-0281		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0235)* Note: Includes screen.		
08 91 19 00-0282	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	161.05	10.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0283	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	175.87	10.97
08 91 19 00-0284	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	193.00	12.60
08 91 19 00-0285	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	199.71	12.81
08 91 19 00-0286	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	222.36	14.23
08 91 19 00-0287	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	243.39	15.13
08 91 19 00-0288	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	249.49	15.12
08 91 19 00-0289	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	276.63	16.02
08 91 19 00-0290	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	310.71	19.21
08 91 19 00-0291	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	319.23	20.01
08 91 19 00-0292	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	361.84	24.02
08 91 19 00-0293	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	404.45	28.02
08 91 19 00-0294	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	412.97	28.83
08 91 19 00-0295	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	464.10	33.63
08 91 19 00-0296	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	515.22	38.43
08 91 19 00-0297	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	523.75	39.23
08 91 19 00-0298	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	583.39	44.83
08 91 19 00-0299	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	651.57	51.24

08 91 19 00-0300 Triangle Aluminum Gable Louver Vents *(08 91 19 00-0235)*

Note: Includes screen.

08 91 19 00-0301	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	327.57	12.60
08 91 19 00-0302	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	371.84	15.12
08 91 19 00-0303	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	398.97	16.02
08 91 19 00-0304	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	457.52	19.21
08 91 19 00-0305	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	508.86	20.01
08 91 19 00-0306	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	423.01	24.02
08 91 19 00-0307	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	496.21	28.02
08 91 19 00-0308	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	559.78	28.83
08 91 19 00-0309	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	635.38	33.63
08 91 19 00-0310	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	515.22	38.43
08 91 19 00-0311	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	591.04	39.23
08 91 19 00-0312	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	681.26	44.83
08 91 19 00-0313	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	773.91	51.24
08 91 19 00-0314	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	870.24	58.88

08 91 19 00-0315 Vinyl Gable Louver Vents *(08 91 19 00-0234)*

Note: Includes screen.

08 91 19 00-0316	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	72.10	10.10
08 91 19 00-0317	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	87.25	10.97
08 91 19 00-0318	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	119.13	14.23
08 91 19 00-0319	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	163.51	16.02
08 91 19 00-0320	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	115.42	12.81
08 91 19 00-0321	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	133.37	15.12
08 91 19 00-0322	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	188.16	20.01
08 91 19 00-0323	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	275.04	28.83
08 91 19 00-0324	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	115.42	12.81
08 91 19 00-0325	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	130.70	14.23
08 91 19 00-0326	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	168.85	16.02
08 91 19 00-0327	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	239.66	24.02
08 91 19 00-0328	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	571.40	38.43
08 91 19 00-0329	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	113.13	12.60
08 91 19 00-0330	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	157.80	16.02
08 91 19 00-0331	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	163.25	19.21
08 91 19 00-0332	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	376.57	24.02
08 91 19 00-0333	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	376.57	24.02
08 91 19 00-0334	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	376.57	24.02
08 91 19 00-0335	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	376.57	24.02
08 91 19 00-0336	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	376.57	24.02
08 91 19 00-0337	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	419.84	38.43
08 91 19 00-0338	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	419.84	38.43
08 91 19 00-0339	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	419.84	38.43
08 91 19 00-0340	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	419.84	38.43

08 91 19 00-0341 Wooden Gable Louver Vents *(08 91 19 00-0234)*

Note: Includes screen.

08 91 19 00-0342 Square Wooden Gable Louver Vents *(08 91 19 00-0341)*

Note: Includes screen.

08 91 19 00-0343	EA	12" x 12" Square Fixed Wooden Cedar Gable Louver Vent	141.24	10.10
08 91 19 00-0344	EA	18" x 18" Square Fixed Wooden Cedar Gable Louver Vent	185.32	12.81
08 91 19 00-0345	EA	24" x 24" Square Fixed Wooden Cedar Gable Louver Vent	246.22	15.12
08 91 19 00-0346	EA	30" x 30" Square Fixed Wooden Cedar Gable Louver Vent	352.32	20.01
08 91 19 00-0347	EA	36" x 36" Square Fixed Wooden Cedar Gable Louver Vent	480.74	28.83
08 91 19 00-0348	EA	42" x 42" Square Fixed Wooden Cedar Gable Louver Vent	640.37	39.21
08 91 19 00-0349	EA	48" x 48" Square Fixed Wooden Cedar Gable Louver Vent	831.82	51.24

08 91 19 00-0350 Rectangular Wooden Gable Louver Vents *(08 91 19 00-0341)*

Note: Includes screen.

08 91 19 00-0351	EA	12" x 18" Rectangular Fixed Wooden Cedar Gable Louver Vent	159.24	10.97
08 91 19 00-0352	EA	12" x 24" Rectangular Fixed Wooden Cedar Gable Louver Vent	179.54	12.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0353	EA	18" x 24" Rectangular Fixed Wooden Cedar Gable Louver Vent	211.88	14.23
08 91 19 00-0354	EA	18" x 30" Rectangular Fixed Wooden Cedar Gable Louver Vent	236.84	15.13
08 91 19 00-0355	EA	24" x 30" Rectangular Fixed Wooden Cedar Gable Louver Vent	279.08	16.02
08 91 19 00-0356	EA	24" x 36" Rectangular Fixed Wooden Cedar Gable Louver Vent	318.88	19.21
08 91 19 00-0357	EA	30" x 36" Rectangular Fixed Wooden Cedar Gable Louver Vent	406.79	24.02
08 91 19 00-0358	EA	30" x 42" Rectangular Fixed Wooden Cedar Gable Louver Vent	461.24	28.02
08 91 19 00-0359	EA	36" x 42" Rectangular Fixed Wooden Cedar Gable Louver Vent	547.53	33.63
08 91 19 00-0360	EA	42" x 48" Rectangular Fixed Wooden Cedar Gable Louver Vent	720.53	44.83
08 91 19 00-0361		Round Wooden Gable Louver Vents *(08 91 19 00-0341)*		
		Note: Includes screen.		
08 91 19 00-0362	EA	12" Diameter Round Fixed Wooden Cedar Gable Louver Vent	125.11	10.10
08 91 19 00-0363	EA	18" Diameter Round Fixed Wooden Cedar Gable Louver Vent	228.02	12.81
08 91 19 00-0364	EA	24" Diameter Round Fixed Wooden Cedar Gable Louver Vent	341.60	15.12
08 91 19 00-0365	EA	30" Diameter Round Fixed Wooden Cedar Gable Louver Vent	451.23	20.01
08 91 19 00-0366	EA	36" Diameter Round Fixed Wooden Cedar Gable Louver Vent	600.88	28.83
08 91 19 00-0367	EA	42" Diameter Round Fixed Wooden Cedar Gable Louver Vent	765.73	39.23
08 91 19 00-0368		Octagonal Wooden Gable Louver Vents *(08 91 19 00-0341)*		
		Note: Includes screen.		
08 91 19 00-0369	EA	12" x 12" Octagonal Fixed Wooden Cedar Gable Louver Vent	165.87	10.10
08 91 19 00-0370	EA	12" x 18" Octagonal Fixed Wooden Cedar Gable Louver Vent	183.87	10.97
08 91 19 00-0371	EA	12" x 24" Octagonal Fixed Wooden Cedar Gable Louver Vent	204.18	12.60
08 91 19 00-0372	EA	18" x 18" Octagonal Fixed Wooden Cedar Gable Louver Vent	209.95	12.81
08 91 19 00-0373	EA	18" x 24" Octagonal Fixed Wooden Cedar Gable Louver Vent	236.51	14.23
08 91 19 00-0374	EA	18" x 30" Octagonal Fixed Wooden Cedar Gable Louver Vent	261.47	15.13
08 91 19 00-0375	EA	24" x 24" Octagonal Fixed Wooden Cedar Gable Louver Vent	270.85	15.12
08 91 19 00-0376	EA	24" x 30" Octagonal Fixed Wooden Cedar Gable Louver Vent	303.71	16.02
08 91 19 00-0377	EA	24" x 36" Octagonal Fixed Wooden Cedar Gable Louver Vent	343.51	19.21
08 91 19 00-0378	EA	30" x 30" Octagonal Fixed Wooden Cedar Gable Louver Vent	376.95	20.01
08 91 19 00-0379	EA	30" x 36" Octagonal Fixed Wooden Cedar Gable Louver Vent	431.42	24.02
08 91 19 00-0380	EA	30" x 42" Octagonal Fixed Wooden Cedar Gable Louver Vent	485.87	28.02
08 91 19 00-0381	EA	36" x 36" Octagonal Fixed Wooden Cedar Gable Louver Vent	505.38	28.83
08 91 19 00-0382	EA	36" x 42" Octagonal Fixed Wooden Cedar Gable Louver Vent	572.16	33.63
08 91 19 00-0383	EA	36" x 48" Octagonal Fixed Wooden Cedar Gable Louver Vent	638.94	38.43
08 91 19 00-0384	EA	42" x 42" Octagonal Fixed Wooden Cedar Gable Louver Vent	665.11	39.23
08 91 19 00-0385	EA	42" x 48" Octagonal Fixed Wooden Cedar Gable Louver Vent	745.16	44.83
08 91 19 00-0386	EA	48" x 48" Octagonal Fixed Wooden Cedar Gable Louver Vent	856.45	51.24
08 91 19 00-0387		Round Top Wooden Gable Louver Vents *(08 91 19 00-0341)*		
		Note: Includes screen.		
08 91 19 00-0388	EA	12" x 12" Round Top Fixed Wooden Cedar Gable Louver Vent	144.93	10.10
08 91 19 00-0389	EA	12" x 18" Round Top Fixed Wooden Cedar Gable Louver Vent	162.94	10.97
08 91 19 00-0390	EA	12" x 24" Round Top Fixed Wooden Cedar Gable Louver Vent	183.24	12.60
08 91 19 00-0391	EA	18" x 18" Round Top Fixed Wooden Cedar Gable Louver Vent	189.01	12.81
08 91 19 00-0392	EA	18" x 24" Round Top Fixed Wooden Cedar Gable Louver Vent	215.58	14.23
08 91 19 00-0393	EA	18" x 30" Round Top Fixed Wooden Cedar Gable Louver Vent	240.53	15.13
08 91 19 00-0394	EA	24" x 24" Round Top Fixed Wooden Cedar Gable Louver Vent	249.92	15.12
08 91 19 00-0395	EA	24" x 30" Round Top Fixed Wooden Cedar Gable Louver Vent	282.78	16.02
08 91 19 00-0396	EA	24" x 36" Round Top Fixed Wooden Cedar Gable Louver Vent	322.58	19.21
08 91 19 00-0397	EA	30" x 30" Round Top Fixed Wooden Cedar Gable Louver Vent	356.01	20.01
08 91 19 00-0398	EA	30" x 36" Round Top Fixed Wooden Cedar Gable Louver Vent	410.48	24.02
08 91 19 00-0399	EA	30" x 42" Round Top Fixed Wooden Cedar Gable Louver Vent	464.94	28.02
08 91 19 00-0400	EA	36" x 36" Round Top Fixed Wooden Cedar Gable Louver Vent	484.44	28.83
08 91 19 00-0401	EA	36" x 42" Round Top Fixed Wooden Cedar Gable Louver Vent	551.23	33.63
08 91 19 00-0402	EA	36" x 48" Round Top Fixed Wooden Cedar Gable Louver Vent	618.01	38.43
08 91 19 00-0403	EA	42" x 42" Round Top Fixed Wooden Cedar Gable Louver Vent	644.17	39.23
08 91 19 00-0404	EA	42" x 48" Round Top Fixed Wooden Cedar Gable Louver Vent	724.22	44.83
08 91 19 00-0405	EA	48" x 48" Round Top Fixed Wooden Cedar Gable Louver Vent	835.51	51.24
08 91 19 00-0406		Triangle Wooden Gable Louver Vents *(08 91 19 00-0341)*		
		Note: Includes screen.		
08 91 19 00-0407	EA	4' Base 6/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	278.72	15.12
08 91 19 00-0408	EA	4' Base 7/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	295.11	16.02
08 91 19 00-0409	EA	5' Base 5/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	304.72	19.21
08 91 19 00-0410	EA	5' Base 6/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	318.56	20.01
08 91 19 00-0411	EA	5' Base 7/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	344.31	24.02
08 91 19 00-0412	EA	6' Base 4/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	344.54	28.02
08 91 19 00-0413	EA	6' Base 5/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	358.73	28.83
08 91 19 00-0414	EA	6' Base 6/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	426.47	33.63
08 91 19 00-0415	EA	6' Base 7/12 Slope Triangle Fixed Wooden Cedar Gable Louver Vent	476.08	38.43
08 91 19 00-0416		Composite Gable Louvers *(08 91 19 00-0234)*		
08 91 19 00-0417		Round Composite Gable Louvers *(08 91 19 00-0416)*		
08 91 19 00-0418		Round Composite Gable Louvers *(08 91 19 00-0417)*		
08 91 19 00-0419	EA	12" Diameter, Functional, Round Composite Gable Louver	111.02	15.00
08 91 19 00-0420	EA	12" Diameter, Non-Functional, Round Composite Gable Louver	102.75	15.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0421	EA	18" Diameter, Functional, Round Composite Gable Louver	143.98	17.31
08 91 19 00-0422	EA	18" Diameter, Non-Functional, Round Composite Gable Louver	132.73	17.31
08 91 19 00-0423	EA	24" Diameter, Functional, Round Composite Gable Louver	181.71	20.20
08 91 19 00-0424	EA	24" Diameter, Non-Functional, Round Composite Gable Louver	167.12	20.20
08 91 19 00-0425		Round Composite Gable Louvers With Keystones *(08 91 19 00-0417)*		
08 91 19 00-0426	EA	18" Diameter, Functional, Round Composite Gable Louver With Keystones	250.17	17.31
08 91 19 00-0427	EA	18" Diameter, Non-Functional, Round Composite Gable Louver With Keystones	239.03	17.31
08 91 19 00-0428	EA	24" Diameter, Functional, Round Composite Gable Louver With Keystones	265.24	20.20
08 91 19 00-0429	EA	24" Diameter, Non-Functional, Round Composite Gable Louver With Keystones	255.67	20.20
08 91 19 00-0430		Half Round Composite Gable Louvers *(08 91 19 00-0416)*		
08 91 19 00-0431		Half Round Composite Gable Louvers *(08 91 19 00-0430)*		
08 91 19 00-0432	EA	24" Diameter, Functional, Half Round Composite Gable Louver	160.99	20.20
08 91 19 00-0433	EA	24" Diameter, Non-Functional, Half Round Composite Gable Louver	152.81	20.20
08 91 19 00-0434	EA	36" Diameter, Functional, Half Round Composite Gable Louver	215.46	25.96
08 91 19 00-0435	EA	36" Diameter, Non-Functional, Half Round Composite Gable Louver	201.16	25.96
08 91 19 00-0436		Half Round Composite Gable Louvers With Keystones *(08 91 19 00-0430)*		
08 91 19 00-0437	EA	36" Diameter, Functional, Half Round Composite Gable Louver With Keystones	309.49	25.96
08 91 19 00-0438	EA	36" Diameter, Non-Functional, Half Round Composite Gable Louver With Keystones	280.43	25.96
08 91 19 00-0439		Triangle Composite Gable Louvers *(08 91 19 00-0416)*		
08 91 19 00-0440	EA	48" W x 10" H, Functional, Triangle, Composite Gable Louver	252.55	31.74
08 91 19 00-0441	EA	48" W x 10" H, Non-Functional, Triangle, Composite Gable Louver	241.31	31.74
08 91 19 00-0442	EA	48" W x 12" H, Functional, Triangle Composite Gable Louver	263.42	34.62
08 91 19 00-0443	EA	48" W x 12" H, Non-Functional, Triangle Composite Gable Louver	251.16	34.62
08 91 19 00-0444		Octagon Composite Gable Louvers *(08 91 19 00-0416)*		
08 91 19 00-0445	EA	12", Functional, Octagon Composite Gable Louver	210.26	15.00
08 91 19 00-0446	EA	12", Non-Functional, Octagon Composite Gable Louver	205.02	15.00
08 91 19 00-0447	EA	18", Functional, Octagon Composite Gable Louver	134.78	17.31
08 91 19 00-0448	EA	18", Non-Functional, Octagon Composite Gable Louver	128.65	17.31

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001		Aluminum Soffit Vents *(08 95 13)*		
08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	8.63	3.06
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	15.40	5.98
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	25.50	7.98
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	26.49	7.98
08 95 13 00-0006		Vinyl Soffit Vents *(08 95 13)*		
08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	8.01	3.41
		For Colors, Add	*0.12*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	8.37	3.41
		For Colors, Add	*0.16*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001		Foundation Vents *(08 95 16)*		
08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.49	0.21
08 95 16 00-0003	SI	Aluminum Foundation Vent	1.01	0.21
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	1.16	0.21
08 95 16 00-0005	SI	Plastic Foundation Vent	0.62	0.21

END OF SECTION 08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	22.66
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	18.33
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	16.46
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	14.53
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	13.02

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.

09 01 20 91-0008	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	1.98
		For ASTM C840 Level 1 Finish, Deduct	*-0.95*
		For ASTM C840 Level 2 Finish, Deduct	*-0.48*
		For ASTM C840 Level 3 Finish, Deduct	*-0.19*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.47*

09 01 20 91-0009 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0010 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0011	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	21.96
09 01 20 91-0012	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	17.63
09 01 20 91-0013	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	14.38
09 01 20 91-0014	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	11.12
09 01 20 91-0015	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	8.95
09 01 20 91-0016	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	6.78

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0018	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	20.98
09 01 20 91-0019	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.58
09 01 20 91-0020	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	17.11
09 01 20 91-0021	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	15.90
09 01 20 91-0022	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	14.84
09 01 20 91-0023	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	13.67

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0025	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.57
09 01 20 91-0026	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.73
09 01 20 91-0027	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	21.14
09 01 20 91-0028	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	16.81

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	8.09
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	10.10
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	52.11

09 01 50 Maintenance of Ceilings *(09 01)*

09 01 50 91 Ceiling Restoration *(09 01 50)*

09 01 50 91-0001 Repair Ceiling Suspension System *(09 01 50 91)*
See CSI section 09 53 23 00-0009 for ceiling suspension system accessories for replacement.

09 01 60 Maintenance of Flooring *(09 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	340.61
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	5.17
09 01 60 91-0004	SF	Repair Existing Terrazzo	23.83
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	5.36

09 01 60 91-0006 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0007	CSF	Steam Clean Carpet	53.14
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	58.23
		For Additional Coat, Add	*48.62*
		For Stripping Existing Wax From Floor, Add	*55.32*
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	35.02
		For Additional Coat, Add	*30.75*
		For Stripping Existing Wax From Floor, Add	*55.32*
09 01 60 91-0010	MSF	Vacuum Floors	29.71

09 01 60 91-0011 Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*

09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	10.47
09 01 60 91-0013	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/4" of material per pass	19.64
09 01 60 91-0014	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	9.29

09 01 60 91-0015 Floor Sealants *(09 01 60 91)*

09 01 60 91-0016	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.36
09 01 60 91-0017	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.54
09 01 60 91-0018	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.60
09 01 60 91-0019	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	48.05

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.57

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.

09 01 90 52-0002 Concrete, Stone And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete, Stone Or Masonry Surfaces, Surface Preparation	0.49
		For Up To 100, Add	*0.35*
		For >100 To 250, Add	*0.16*
		For >250 To 500, Add	*0.07*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.05*
		For >15,000 To 30,000, Deduct	*-0.07*
		For >30,000, Deduct	*-0.10*
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.49
		For Up To 100, Add	*0.85*
		For >100 To 250, Add	*0.22*
		For >250 To 500, Add	*0.11*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.05*
		For >15,000 To 30,000, Deduct	*-0.07*
		For >30,000, Deduct	*-0.09*
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.80
		For Up To 100, Add	*1.33*
		For >100 To 250, Add	*0.36*
		For >250 To 500, Add	*0.17*
		For >5,000 To 10,000, Deduct	*-0.04*
		For >10,000 To 15,000, Deduct	*-0.07*
		For >15,000 To 30,000, Deduct	*-0.11*
		For >30,000, Deduct	*-0.15*
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	1.23
		For Up To 100, Add	*2.46*
		For >100 To 250, Add	*0.62*
		For >250 To 500, Add	*0.31*
		For >5,000 To 10,000, Deduct	*-0.06*
		For >10,000 To 15,000, Deduct	*-0.12*
		For >15,000 To 30,000, Deduct	*-0.18*
		For >30,000, Deduct	*-0.25*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0007	SF	Steam Clean, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.96	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0008	SF	2,000 To 5,000 PSI Pressure Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.62	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	1.75	
		For Up To 100, Add	*3.19*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.17*	
		For >15,000 To 30,000, Deduct	*-0.26*	
		For >30,000, Deduct	*-0.34*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	2.88	
		For Up To 100, Add	*5.45*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 30,000, Deduct	*-0.43*	
		For >30,000, Deduct	*-0.57*	
09 01 90 52-0011	SF	Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 Lb. of sand or glass abrasive media material per SF	4.11	
		For 4.5 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*2.39*	
		For 6 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*4.95*	
		For 9 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*8.22*	
		For Up To 100, Add	*7.08*	
		For >100 To 250, Add	*1.87*	
		For >250 To 500, Add	*0.91*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.38*	
		For >15,000 To 30,000, Deduct	*-0.59*	
		For >30,000, Deduct	*-0.78*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.37	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.63	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
09 01 90 52-0015	SF	Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.18	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.28*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.46	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.80	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.99	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0020	SF	2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.50	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.30*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.60	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.27	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.74	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.33*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.56	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 30,000, Deduct	*-0.37*	
		For >30,000, Deduct	*-0.49*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	4.27	
		For Up To 100, Add	*2.66*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 30,000, Deduct	*-0.62*	
		For >30,000, Deduct	*-0.82*	
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.25	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.30*	
		For >15,000 To 30,000, Deduct	*-0.47*	
		For >30,000, Deduct	*-0.62*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	4.03	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.49*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.37*	
		For >15,000 To 30,000, Deduct	*-0.58*	
		For >30,000, Deduct	*-0.77*	
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	5.22	
		For Up To 100, Add	*3.20*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.64*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 15,000, Deduct	*-0.48*	
		For >15,000 To 30,000, Deduct	*-0.75*	
		For >30,000, Deduct	*-1.00*	
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	6.52	
		For Up To 100, Add	*3.99*	
		For >100 To 250, Add	*1.86*	
		For >250 To 500, Add	*0.80*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 15,000, Deduct	*-0.60*	
		For >15,000 To 30,000, Deduct	*-0.94*	
		For >30,000, Deduct	*-1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0031		**Tile Surfaces, Surface Preparation** *(09 01 90 52-0001)*		
09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	42.05	
		For Up To 100, Add	*31.26*	
		For >100 To 250, Add	*14.59*	
		For >250 To 500, Add	*6.25*	
		For >5,000 To 10,000, Deduct	*-2.10*	
		For >10,000 To 15,000, Deduct	*-4.19*	
		For >15,000 To 30,000, Deduct	*-6.30*	
		For >30,000, Deduct	*-8.39*	
09 01 90 52-0034	SF	2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.43	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0035		**Wood Surfaces, Surface Preparation** *(09 01 90 52-0001)*		
09 01 90 52-0036	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.54	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.30*	
09 01 90 52-0037	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.44	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.67	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	1.05	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.94	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0041	SF	2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.64	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.89	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	1.18	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.17*	
		For >30,000, Deduct	*-0.23*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.80	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.92	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.18*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0048	SF	Hand Wash, Vinyl Siding Surfaces, Surface Preparation	0.67	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0049	SF	2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.99	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.19*	

09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*

Note: Based on total project quantity.

09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.49	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0053	SF	2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.69	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

09 01 90 52-0054 Prep Work *(09 01 90 52-0001)*

09 01 90 52-0055	SF	Citrus Strip, Single Applications Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations	1.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0056		Corrosive Inhibitor Sealant For Concrete *(09 01 90 52-0001)*		
09 01 90 52-0057	SF	Corrosive Inhibitor Sealant For Concrete	0.81	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 01 90 61		**Repainting** *(09 01 90)*		
09 01 90 61-0001		Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*		
		Note: For use on individual areas less than 10 SF.		
09 01 90 61-0002	SF	"Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.50	
09 01 90 91		**Paint Restoration** *(09 01 90)*		
09 01 90 91-0001		Paint Removal, Strip To Bare Wood *(09 01 90 91)*		
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	7.65	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	8.15	

09 05 Common Work Results for Finishes *(09)*

09 05 05 Selective Demolition for Finishes *(09 05)*

09 05 05 00-0001		Selective Demolition for Finishes *(09 05 05)*		
09 05 05 00-0002	SF	Demoliton Of 5/8" Lath And Plaster Assembly, Applied Directly To Concrete Surface	7.23	

09 05 61 Common Work Results for Flooring Preparation *(09 05)*

09 05 61 13 Moisture Vapor Emission Control *(09 05 61)*

09 05 61 13-0001		Moisture Vapor Reduction System (Koster VAP) *(09 05 61 13)*		
09 05 61 13-0002	SF	Up To 200 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	15.84	
		Note: Clear		
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	12.57	
		Note: Clear		
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	8.38	
		Note: Clear		
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	6.98	
		Note: Clear		
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000)	5.59	
		Note: Clear		
09 05 61 13-0007		Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*		
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.42	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.52	

09 05 71 Acoustic Underlayment *(09 05)*

09 05 71 00-0001		Tile And Stone Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	4.63	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*0.55*	
09 05 71 00-0003		Resilient Floor Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	3.09	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.55	
09 05 71 00-0006	SF	0.055" Thick High-Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.47	

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001		Hat Furring Channel *(09 22 13 13)*		
		Note: Includes clips where required.		
09 22 13 13-0002		Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*		
09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	5.03	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.66*	
		For 12" On Center, Add	*0.83*	
		For 22 Gauge, Add	*0.78*	
		For 20 Gauge, Add	*1.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	5.65	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.78*	
		For 12" On Center, Add	*0.96*	
		For 22 Gauge, Add	*1.09*	
		For 20 Gauge, Add	*1.96*	
09 22 13 13-0005		Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*		
09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.90	2.67
		For Columns And Beams >10' High, Add	*1.07*	
		For 24" On Center, Deduct	*-0.85*	
		For 12" On Center, Add	*1.11*	
		For 22 Gauge, Add	*0.79*	
		For 20 Gauge, Add	*1.84*	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	7.52	2.67
		For Columns And Beams >10' High, Add	*1.07*	
		For 24" On Center, Deduct	*-0.97*	
		For 12" On Center, Add	*1.24*	
		For 22 Gauge, Add	*1.10*	
		For 20 Gauge, Add	*2.24*	
09 22 13 13-0008		Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*		
09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	6.87	2.14
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.95*	
		For 12" On Center, Add	*1.16*	
		For 22 Gauge, Add	*1.30*	
		For 20 Gauge, Add	*2.36*	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	7.49	2.14
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-1.07*	
		For 12" On Center, Add	*1.28*	
		For 22 Gauge, Add	*1.61*	
		For 20 Gauge, Add	*2.77*	
09 22 13 13-0011		Z Furring Channel *(09 22 13 13)*		
09 22 13 13-0012		Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*		
09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.80	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.41*	
		For 12" On Center, Add	*0.59*	
		For 22 Gauge, Add	*0.17*	
		For 20 Gauge, Add	*0.74*	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.86	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.43*	
		For 12" On Center, Add	*0.60*	
		For 22 Gauge, Add	*0.20*	
		For 20 Gauge, Add	*0.78*	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.92	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.61*	
		For 22 Gauge, Add	*0.23*	
		For 20 Gauge, Add	*0.82*	
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.96	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.62*	
		For 22 Gauge, Add	*0.25*	
		For 20 Gauge, Add	*0.84*	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.00	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.63*	
		For 22 Gauge, Add	*0.27*	
		For 20 Gauge, Add	*0.87*	
09 22 13 23		**Resilient Channel Furring** *(09 22 13)*		
09 22 13 23-0001		Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*		
		Note: Includes clips where required.		
09 22 13 23-0002		Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*		
09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	4.16	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.49*	
		For 12" On Center, Add	*0.66*	
		For 20 Gauge, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 23-0004		Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*		
09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	4.96	2.14
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.57*	
		For 12" On Center, Add	*0.78*	
		For 20 Gauge, Add	*1.10*	
09 22 13 23-0006		Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*		
		Note: Includes clips where required.		
09 22 13 23-0007		Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*		
09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	4.42	1.73
		For Walls >10' High, Add	*0.52*	
		For 24" On Center, Deduct	*-0.54*	
		For 12" On Center, Add	*0.71*	
		For 20 Gauge, Add	*1.15*	
09 22 13 23-0009		Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*		
09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	5.22	2.14
		For Ceilings >10' High, Add	*0.64*	
		For 24" On Center, Deduct	*-0.62*	
		For 12" On Center, Add	*0.83*	
		For 20 Gauge, Add	*1.27*	
09 22 16		**Non-Structural Metal Framing** *(09 22)*		
		Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.		
09 22 16 13		**Non-Structural Metal Stud Framing** *(09 22 16)*		
09 22 16 13-0001		Non Load Bearing Wall Framing, 25 Gauge *(09 22 16 13)*		
09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.47	0.73
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.79*	
		For Soffit, Columns Or Beams >10' High, Add	*2.33*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*0.80*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
		For Up To 100, Add	*1.05*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.34*	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.77	0.76
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.75*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.89*	
		For Soffit, Columns Or Beams >10' High, Add	*2.46*	
		For Horizontal Installation Up To 10' High, Add	*0.66*	
		For Horizontal Installation >10' High, Add	*0.85*	
		For Curved Wall, Add	*0.57*	
		For 12" On Center, Add	*0.66*	
		For 24" On Center, Deduct	*-0.66*	
		For Up To 100, Add	*1.13*	
		For >100 To 300, Add	*0.57*	
		For >1,000, Deduct	*-0.38*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.16	0.79
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.83*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.01*	
		For Soffit, Columns Or Beams >10' High, Add	*2.61*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.91*	
		For Curved Wall, Add	*0.60*	
		For 12" On Center, Add	*0.73*	
		For 24" On Center, Deduct	*-0.73*	
		For Up To 100, Add	*1.23*	
		For >100 To 300, Add	*0.62*	
		For >1,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.47	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.89*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.11*	
		For Soffit, Columns Or Beams >10' High, Add	*2.74*	
		For Horizontal Installation Up To 10' High, Add	*0.76*	
		For Horizontal Installation >10' High, Add	*0.97*	
		For Curved Wall, Add	*0.62*	
		For 12" On Center, Add	*0.79*	
		For 24" On Center, Deduct	*-0.79*	
		For Up To 100, Add	*1.31*	
		For >100 To 300, Add	*0.66*	
		For >1,000, Deduct	*-0.46*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.13	0.88
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.03*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.27*	
		For Soffit, Columns Or Beams >10' High, Add	*2.92*	
		For Horizontal Installation Up To 10' High, Add	*0.84*	
		For Horizontal Installation >10' High, Add	*1.06*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*0.92*	
		For 24" On Center, Deduct	*-0.92*	
		For Up To 100, Add	*1.46*	
		For >100 To 300, Add	*0.73*	
		For >1,000, Deduct	*-0.55*	
09 22 16 13-0007		Non Load Bearing Wall Framing, 20 Gauge *(09 22 16 13)*		
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.10	0.74
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.82*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.89*	
		For Soffit, Columns Or Beams >10' High, Add	*2.45*	
		For Horizontal Installation Up To 10' High, Add	*0.69*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.73*	
		For 24" On Center, Deduct	*-0.73*	
		For Up To 100, Add	*1.19*	
		For >100 To 300, Add	*0.60*	
		For >1,000, Deduct	*-0.43*	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.60	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.92*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.02*	
		For Soffit, Columns Or Beams >10' High, Add	*2.61*	
		For Horizontal Installation Up To 10' High, Add	*0.75*	
		For Horizontal Installation >10' High, Add	*0.95*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*0.82*	
		For 24" On Center, Deduct	*-0.82*	
		For Up To 100, Add	*1.31*	
		For >100 To 300, Add	*0.66*	
		For >1,000, Deduct	*-0.50*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.18	0.81
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.04*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.15*	
		For Soffit, Columns Or Beams >10' High, Add	*2.76*	
		For Horizontal Installation Up To 10' High, Add	*0.82*	
		For Horizontal Installation >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*0.93*	
		For 24" On Center, Deduct	*-0.93*	
		For Up To 100, Add	*1.44*	
		For >100 To 300, Add	*0.72*	
		For >1,000, Deduct	*-0.57*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners	5.55	0.86
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.11*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.27*	
		For Soffit, Columns Or Beams >10' High, Add	*2.91*	
		For Horizontal Installation Up To 10' High, Add	*0.88*	
		For Horizontal Installation >10' High, Add	*1.09*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*1.00*	
		For 24" On Center, Deduct	*-1.00*	
		For Up To 100, Add	*1.54*	
		For >100 To 300, Add	*0.77*	
		For >1,000, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.38	0.90
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.68*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.63*	
		For Soffit, Columns Or Beams >10' High, Add	*3.30*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*1.40*	
		For Curved Wall, Add	*0.67*	
		For 12" On Center, Add	*1.56*	
		For 24" On Center, Deduct	*-1.56*	
		For Up To 100, Add	*2.12*	
		For >100 To 300, Add	*1.06*	
		For >1,000, Deduct	*-1.03*	
09 22 16 13-0013		Non Load Bearing Wall Framing, 18 Gauge *(09 22 16 13)*		
09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.98	0.79
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.40*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.29*	
		For Soffit, Columns Or Beams >10' High, Add	*2.89*	
		For Horizontal Installation Up To 10' High, Add	*1.00*	
		For Horizontal Installation >10' High, Add	*1.20*	
		For Curved Wall, Add	*0.60*	
		For 12" On Center, Add	*1.30*	
		For 24" On Center, Deduct	*-1.30*	
		For Up To 100, Add	*1.79*	
		For >100 To 300, Add	*0.90*	
		For >1,000, Deduct	*-0.85*	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.83	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.57*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.46*	
		For Soffit, Columns Or Beams >10' High, Add	*3.09*	
		For Horizontal Installation Up To 10' High, Add	*1.10*	
		For Horizontal Installation >10' High, Add	*1.31*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*1.46*	
		For 24" On Center, Deduct	*-1.46*	
		For Up To 100, Add	*1.99*	
		For >100 To 300, Add	*0.99*	
		For >1,000, Deduct	*-0.96*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.45	0.88
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.60*	
		For Soffit, Columns Or Beams >10' High, Add	*3.25*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*1.39*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*1.58*	
		For 24" On Center, Deduct	*-1.58*	
		For Up To 100, Add	*2.13*	
		For >100 To 300, Add	*1.06*	
		For >1,000, Deduct	*-1.05*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	11.54	0.92
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.31*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.00*	
		For Soffit, Columns Or Beams >10' High, Add	*3.70*	
		For Horizontal Installation Up To 10' High, Add	*1.50*	
		For Horizontal Installation >10' High, Add	*1.73*	
		For Curved Wall, Add	*0.69*	
		For 12" On Center, Add	*2.19*	
		For 24" On Center, Deduct	*-2.19*	
		For Up To 100, Add	*2.77*	
		For >100 To 300, Add	*1.39*	
		For >1,000, Deduct	*-1.50*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	12.64	0.97
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.53*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.19*	
		For Soffit, Columns Or Beams >10' High, Add	*3.92*	
		For Horizontal Installation Up To 10' High, Add	*1.63*	
		For Horizontal Installation >10' High, Add	*1.87*	
		For Curved Wall, Add	*0.72*	
		For 12" On Center, Add	*2.41*	
		For 24" On Center, Deduct	*-2.41*	
		For Up To 100, Add	*3.01*	
		For >100 To 300, Add	*1.51*	
		For >1,000, Deduct	*-1.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0019		**Non Load Bearing Wall Framing, 16 Gauge** *(09 22 16 13)*		
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.49	0.81
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.50*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.38*	
		For Soffit, Columns Or Beams >10' High, Add	*2.99*	
		For Horizontal Installation Up To 10' High, Add	*1.06*	
		For Horizontal Installation >10' High, Add	*1.26*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*1.40*	
		For 24" On Center, Deduct	*-1.40*	
		For Up To 100, Add	*1.91*	
		For >100 To 300, Add	*0.95*	
		For >1,000, Deduct	*-0.92*	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	9.05	0.86
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.81*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.62*	
		For Soffit, Columns Or Beams >10' High, Add	*3.26*	
		For Horizontal Installation Up To 10' High, Add	*1.23*	
		For Horizontal Installation >10' High, Add	*1.44*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*1.70*	
		For 24" On Center, Deduct	*-1.70*	
		For Up To 100, Add	*2.24*	
		For >100 To 300, Add	*1.12*	
		For >1,000, Deduct	*-1.14*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	9.59	0.90
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.92*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.75*	
		For Soffit, Columns Or Beams >10' High, Add	*3.42*	
		For Horizontal Installation Up To 10' High, Add	*1.30*	
		For Horizontal Installation >10' High, Add	*1.52*	
		For Curved Wall, Add	*0.67*	
		For 12" On Center, Add	*1.81*	
		For 24" On Center, Deduct	*-1.81*	
		For Up To 100, Add	*2.37*	
		For >100 To 300, Add	*1.18*	
		For >1,000, Deduct	*-1.21*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	12.57	0.94
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.51*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.15*	
		For Soffit, Columns Or Beams >10' High, Add	*3.85*	
		For Horizontal Installation Up To 10' High, Add	*1.61*	
		For Horizontal Installation >10' High, Add	*1.85*	
		For Curved Wall, Add	*0.71*	
		For 12" On Center, Add	*2.40*	
		For 24" On Center, Deduct	*-2.40*	
		For Up To 100, Add	*2.99*	
		For >100 To 300, Add	*1.49*	
		For >1,000, Deduct	*-1.65*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	13.96	0.99
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.79*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.38*	
		For Soffit, Columns Or Beams >10' High, Add	*4.12*	
		For Horizontal Installation Up To 10' High, Add	*1.77*	
		For Horizontal Installation >10' High, Add	*2.02*	
		For Curved Wall, Add	*0.74*	
		For 12" On Center, Add	*2.67*	
		For 24" On Center, Deduct	*-2.67*	
		For Up To 100, Add	*3.29*	
		For >100 To 300, Add	*1.64*	
		For >1,000, Deduct	*-1.85*	
09 22 16 13-0025		**Galvanized Steel Backing Plates** *(09 22 16 13)*		
		Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.		
09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.52	
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.85	
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	2.39	
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	2.95	
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	3.49	
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	4.16	
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.98	
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	2.44	
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	3.28	
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	4.12	
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	4.98	
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	5.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	2.69	
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	3.37	
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	4.60	
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	5.84	
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	7.17	
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	8.46	
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	3.20	
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	4.04	
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	5.60	
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	7.17	
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	8.84	
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	10.46	

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

09 22 36 13-0001 Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.52	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.14	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.76	0.65
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.90	0.68
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.58	0.78
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	3.26	0.90
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.29	0.87
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.03	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.78	1.15
		For Columns And Beams >10' High, Add	*0.34*	
		For Up To 100, Add	*1.15*	
		For >100 To 500, Add	*0.57*	
		For >5,000, Deduct	*-0.23*	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.19	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.55	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.57	0.68
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.99	0.78
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.96	0.87
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.44	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 13-0018		Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.19	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.55	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.57	0.68
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.99	0.78
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.96	0.87
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.44	1.00
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 23		**Metal Lath** *(09 22 36)*		
09 22 36 23-0001		Flat Diamond, Expanded Metal Lath *(09 22 36 23)*		
09 22 36 23-0002	SF	1.75 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.58	0.67
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0003	SF	2 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.71	0.67
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0004	SF	2.5 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.84	0.67
		For Walls >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0005	SF	3.4 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	3.28	0.72
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0006	SF	1.75 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.79	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0007	SF	2 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.92	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0008	SF	2.5 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.05	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0009	SF	3.4 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.39	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0010	SF	1.75 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.69	1.07
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.19*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0011	SF	2 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.82	1.07
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.19*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0012	SF	2.5 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.96	1.07
		For Columns And Beams >10' High, Add	*0.36*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.19*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0013	SF	3.4 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.88	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	

09 22 36 23-0014 Self-Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0015	SF	1.75 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.68	0.72
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0016	SF	2.0 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.81	0.72
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0017	SF	2.5 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.94	0.72
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0018	SF	3.4 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	3.28	0.72
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0019	SF	1.75 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.28	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0020	SF	2.0 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.41	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0021	SF	2.5 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.55	1.34
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0022	SF	3.4 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	5.31	1.53
		For Columns And Beams >10' High, Add	*0.51*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0023		**High Rib Metal Lath** *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.16	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0025	SF	3.4 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.35	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0026	SF	3.4 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.47	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0027	SF	4.0 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.69	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33		**Fiberglass Lath** *(09 22 36)*		
09 22 36 33-0001		Non-Metallic, Fiberglass Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.46	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.72	0.76
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.35	0.72
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.61	0.72
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 23		**Gypsum Plastering** *(09 20)*		
09 23 13		**Acoustical Gypsum Plastering** *(09 23)*		
		Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.		
09 23 13 00-0001		Casing And Corner Beads *(09 23 13)*		
09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	4.48	1.07
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	4.49	1.07
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	4.70	1.07
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	4.28	1.07
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	4.27	1.07
09 23 13 00-0007		Trim *(09 23 13)*		
09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	5.09	1.07
		For Vinyl Instead Of Galvanized, Add	*0.41*	
		For Zinc Instead Of Galvanized, Add	*2.74*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	5.09	1.07
		For Vinyl Instead Of Galvanized, Add	*0.41*	
		For Zinc Instead Of Galvanized, Add	*2.74*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	5.09	1.07
		For Vinyl Instead Of Galvanized, Add	*0.41*	
		For Zinc Instead Of Galvanized, Add	*2.74*	
09 23 13 00-0011		Plaster Forms And Expansion Joints *(09 23 13)*		
09 23 13 00-0012	SF	1" Architectural Foam Forms To Cover With Plaster	5.20	
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	5.41	1.07
09 23 13 00-0014		One Skim Coat Gypsum Plaster On Walls *(09 23 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.41	
		For Walls >10' High, Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.18*	
		For Horizontal Installation >10' High, Add	*0.36*	
		For Columns Or Beams Up To 10' High, Add	*0.38*	
		For Columns Or Beams >10' High, Add	*0.56*	
		For Up To 100, Add	*0.61*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.24*	
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	1.02	
		For Walls >10' High, Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.13*	
		For Horizontal Installation >10' High, Add	*0.26*	
		For Columns Or Beams Up To 10' High, Add	*0.27*	
		For Columns Or Beams >10' High, Add	*0.40*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.17*	
09 23 13 00-0017		**Two Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	6.97	4.01
		For Walls >10' High, Add	*0.66*	
		For Horizontal Installation Up To 10' High, Add	*0.99*	
		For Horizontal Installation >10' High, Add	*1.98*	
		For Columns Or Beams Up To 10' High, Add	*2.05*	
		For Columns Or Beams >10' High, Add	*3.04*	
		For Up To 100, Add	*3.31*	
		For >100 To 500, Add	*1.65*	
		For >5,000, Deduct	*-1.32*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	7.12	3.80
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.86*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*1.55*	
		For >5,000, Deduct	*-1.24*	
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	7.16	3.80
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.86*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*1.55*	
		For >5,000, Deduct	*-1.24*	
09 23 13 00-0021		**Three Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	8.42	4.88
		For Walls >10' High, Add	*0.79*	
		For Horizontal Installation Up To 10' High, Add	*1.19*	
		For Horizontal Installation >10' High, Add	*2.37*	
		For Columns Or Beams Up To 10' High, Add	*2.45*	
		For Columns Or Beams >10' High, Add	*3.63*	
		For Up To 100, Add	*3.95*	
		For >100 To 500, Add	*1.98*	
		For >5,000, Deduct	*-1.58*	
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	8.39	4.45
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.10*	
		For Horizontal Installation >10' High, Add	*2.20*	
		For Columns Or Beams Up To 10' High, Add	*2.27*	
		For Columns Or Beams >10' High, Add	*3.37*	
		For Up To 100, Add	*3.66*	
		For >100 To 500, Add	*1.83*	
		For >5,000, Deduct	*-1.46*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.93	4.45
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.09*	
		For Horizontal Installation >10' High, Add	*2.19*	
		For Columns Or Beams Up To 10' High, Add	*2.26*	
		For Columns Or Beams >10' High, Add	*3.35*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*1.82*	
		For >5,000, Deduct	*-1.46*	
09 23 13 00-0025		**Plaster Bonding Agent** *(09 23 13)*		
09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.79	
		For Walls >10' High, Add	*0.06*	
		For Columns Or Beams Up To 10' High, Add	*0.19*	
		For Columns Or Beams >10' High, Add	*0.29*	
		For Ceiling Application Up To 10' High, Add	*0.08*	
		For Ceiling Application >10' High, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	5.45	2.71
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Columns Or Beams Up To 10' High, Add	*1.34*	
		For Columns Or Beams >10' High, Add	*1.99*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.08*	
		For >5,000, Deduct	*-0.87*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	8.30	4.22
		For Walls >10' High, Add	*0.69*	
		For Horizontal Installation Up To 10' High, Add	*1.03*	
		For Horizontal Installation >10' High, Add	*2.06*	
		For Columns Or Beams Up To 10' High, Add	*2.13*	
		For Columns Or Beams >10' High, Add	*3.16*	
		For Up To 100, Add	*3.44*	
		For >100 To 500, Add	*1.72*	
		For >5,000, Deduct	*-1.38*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	9.38	4.77
		For Walls >10' High, Add	*0.78*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*2.33*	
		For Columns Or Beams Up To 10' High, Add	*2.41*	
		For Columns Or Beams >10' High, Add	*3.57*	
		For Up To 100, Add	*3.89*	
		For >100 To 500, Add	*1.94*	
		For >5,000, Deduct	*-1.55*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	10.47	3.36
		For Walls >10' High, Add	*0.92*	
		For Horizontal Installation Up To 10' High, Add	*1.38*	
		For Horizontal Installation >10' High, Add	*2.75*	
		For Columns Or Beams Up To 10' High, Add	*2.85*	
		For Columns Or Beams >10' High, Add	*4.22*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.93*	
		For Up To 100, Add	*4.59*	
		For >100 To 500, Add	*2.30*	
		For >5,000, Deduct	*-1.84*	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.49	1.63
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Columns Or Beams Up To 10' High, Add	*1.04*	
		For Columns Or Beams >10' High, Add	*1.55*	
		For Up To 100, Add	*1.68*	
		For >100 To 500, Add	*0.84*	
		For >5,000, Deduct	*-0.67*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	6.90	1.63
		For Walls >10' High, Add	*0.60*	
		For Horizontal Installation Up To 10' High, Add	*0.89*	
		For Horizontal Installation >10' High, Add	*1.79*	
		For Columns Or Beams Up To 10' High, Add	*1.85*	
		For Columns Or Beams >10' High, Add	*2.74*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.64*	
		For Up To 100, Add	*2.98*	
		For >100 To 500, Add	*1.49*	
		For >5,000, Deduct	*-1.19*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.49	1.08
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Columns Or Beams Up To 10' High, Add	*1.34*	
		For Columns Or Beams >10' High, Add	*1.99*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.63*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.08*	
		For >5,000, Deduct	*-0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	4.14	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	5.28	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	8.09	

09 28 Backing Boards and Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.98	0.73
		For Up To 50, Add	*3.16*	
		For >50 To 250, Add	*0.58*	
		For >1,000, Deduct	*-0.29*	
		For Installation On Wall, Add	*0.58*	
		For Installation On Ceiling, Add	*1.45*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.58	0.87
		For Up To 50, Add	*3.74*	
		For >50 To 250, Add	*0.69*	
		For >1,000, Deduct	*-0.35*	
		For Installation On Wall, Add	*0.69*	
		For Installation On Ceiling, Add	*1.73*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.61	1.01
		For Up To 50, Add	*4.43*	
		For >50 To 250, Add	*0.81*	
		For >1,000, Deduct	*-0.40*	
		For Installation On Wall, Add	*0.81*	
		For Installation On Ceiling, Add	*2.02*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	3.55	0.81
		For Up To 50, Add	*2.45*	
		For >50 To 250, Add	*0.42*	
		For >1,000, Deduct	*-0.21*	
		For Installation On Wall, Add	*0.42*	
		For Installation On Ceiling, Add	*1.04*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	4.74	0.92
		For Up To 50, Add	*2.92*	
		For >50 To 250, Add	*0.46*	
		For >1,000, Deduct	*-0.23*	
		For Installation On Wall, Add	*0.46*	
		For Installation On Ceiling, Add	*1.16*	

09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.52	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.31*	
		For Horizontal Installation >10' High, Add	*0.46*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.49*	
		For >128 To 320, Add	*0.29*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0004	SF	3/8" Gypsum Board	1.64	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.32*	
		For >1,536, Deduct	*-0.14*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0005	SF	1/2" Gypsum Board	1.79	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.60*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.15*	
09 29 10 00-0006	SF	5/8" Gypsum Board	2.12	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.70*	
		For >128 To 320, Add	*0.42*	
		For >1,536, Deduct	*-0.18*	

09 29 10 00-0007 Fire Rated Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0008 Type X, Fire Rated Gypsum Board *(09 29 10 00-0007)*

09 29 10 00-0009	SF	5/8" Type X Fire Rated Gypsum Board	2.25	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.75*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.19*	

09 29 10 00-0010 Type C, Fire Rated Gypsum Board *(09 29 10 00-0007)*

09 29 10 00-0011	SF	1/2" Type C Fire Rated Gypsum Board	2.08	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.68*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board	2.34	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.20*	

09 29 10 00-0013 Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0007)*

09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	3.38	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.98*	
		For >128 To 320, Add	*0.57*	
		For >1,536, Deduct	*-0.36*	

09 29 10 00-0015 Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*

Note: Water-resistant gypsum core.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board	1.99	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.64*	
		For >128 To 320, Add	*0.38*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board	2.63	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.47*	
		For >1,536, Deduct	*-0.26*	
09 29 10 00-0018		Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Includes clips and adhesive.		
09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	4.40	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.60*	
		For >1,536, Deduct	*-0.56*	
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	4.55	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.15*	
		For >128 To 320, Add	*0.63*	
		For >1,536, Deduct	*-0.56*	
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	4.73	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.22*	
		For >128 To 320, Add	*0.68*	
		For >1,536, Deduct	*-0.57*	
09 29 10 00-0022	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	5.25	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.31*	
		For >128 To 320, Add	*0.72*	
		For >1,536, Deduct	*-0.66*	
09 29 10 00-0023	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	8.07	0.69
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.42*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*1.92*	
		For >128 To 320, Add	*1.04*	
		For >1,536, Deduct	*-1.06*	
09 29 10 00-0024		Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0025	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.38	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.42*	
		For >1,536, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0026	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.84	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.84*	
		For >128 To 320, Add	*0.49*	
		For >1,536, Deduct	*-0.29*	
09 29 10 00-0027	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.86	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.83*	
		For >128 To 320, Add	*0.48*	
		For >1,536, Deduct	*-0.30*	
09 29 10 00-0028	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	3.21	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.95*	
		For >128 To 320, Add	*0.55*	
		For >1,536, Deduct	*-0.33*	
09 29 10 00-0029		**Impact Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	4.11	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.62*	
		For >1,536, Deduct	*-0.48*	
09 29 10 00-0031		**Abuse Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.93	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.86*	
		For >128 To 320, Add	*0.50*	
		For >1,536, Deduct	*-0.30*	
09 29 10 00-0033		**Noise Reducing Gypsum Board** *(09 29 10 00-0001)*		
09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.66	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.41*	
		For >128 To 320, Add	*0.77*	
		For >1,536, Deduct	*-0.71*	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	6.93	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.66*	
		For >128 To 320, Add	*0.90*	
		For >1,536, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 29 10 00-0036 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 10 00-0037 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0036)*

09 29 10 00-0038	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.80	
		For Up To 128, Add	*0.30*	
		For >128 To 320, Add	*0.19*	
		For >5,400, Deduct	*-0.08*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.38*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.59*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.59*	
09 29 10 00-0039	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	1.06	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For Up To 128, Add	*0.41*	
		For >128 To 320, Add	*0.25*	
		For >5,400, Deduct	*-0.11*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.51*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.78*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.78*	

09 29 10 00-0040 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0036)*

09 29 10 00-0041	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.04	
		For Up To 128, Add	*0.40*	
		For >128 To 320, Add	*0.25*	
		For >5,400, Deduct	*-0.10*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.50*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.77*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.77*	
09 29 10 00-0042	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.39	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.34*	
		For >5,400, Deduct	*-0.14*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.67*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.34*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.14*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.03*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*1.03*	

09 29 10 00-0043 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0036)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0044	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.61	
		For ASTM C840 Level 1 Finish, Deduct	*-0.74*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.37*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.18*	
09 29 10 00-0045	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.92	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For ASTM C840 Level 1 Finish, Deduct	*-0.90*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.45*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.41*	

09 29 10 00-0046 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 10 00-0036)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0047	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.87	
		For ASTM C840 Level 1 Finish, Deduct	*-0.87*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.44*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.37*	
09 29 10 00-0048	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	2.23	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For ASTM C840 Level 1 Finish, Deduct	*-1.05*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.53*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.64*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 29 10 00-0049 Casing And Corner Beads *(09 29 10)*

09 29 10 00-0050	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	4.71	1.15
		For Up To 100, Add	*0.41*	
		For >500, Deduct	*-0.24*	
09 29 10 00-0051	LF	Corner Bead, Galvanized Steel For Gypsum Board	4.12	1.15
		For Up To 100, Add	*0.29*	
		For >500, Deduct	*-0.21*	

09 29 10 00-0052 Preformed Architectural Profiles *(09 29 10)*

09 29 10 00-0053 Trim Reveals For Gypsum Board *(09 29 10 00-0052)*

09 29 10 00-0054	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.06	1.38
09 29 10 00-0055	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.11	1.38
09 29 10 00-0056	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.31	1.38
09 29 10 00-0057	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.42	1.38
09 29 10 00-0058	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.67	1.38
09 29 10 00-0059	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.92	1.38
09 29 10 00-0060	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.17	1.38
09 29 10 00-0061	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.98	1.38
09 29 10 00-0062	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.79	1.38
09 29 10 00-0063	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.19	1.50
09 29 10 00-0064	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.19	1.50
09 29 10 00-0065	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.75	1.50
09 29 10 00-0066	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.85	1.50
09 29 10 00-0067	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.20	1.50
09 29 10 00-0068	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.35	1.50
09 29 10 00-0069	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.55	1.50
09 29 10 00-0070	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.46	1.50
09 29 10 00-0071	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.37	1.50
09 29 10 00-0072	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	12.95	1.73
09 29 10 00-0073	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	14.47	1.73

09 29 10 00-0074 Edge Trim For Gypsum Board *(09 29 10 00-0052)*

09 29 10 00-0075	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.52	1.44
09 29 10 00-0076	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	5.92	1.44
09 29 10 00-0077	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	6.95	1.60
09 29 10 00-0078	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.28	1.73
09 29 10 00-0079	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.56	1.44
09 29 10 00-0080	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.97	1.44
09 29 10 00-0081	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.00	1.60
09 29 10 00-0082	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.33	1.73

09 29 10 00-0083 Bevel Trim For Gypsum Board *(09 29 10 00-0052)*

09 29 10 00-0084	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	5.92	1.44
09 29 10 00-0085	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.79	1.60

09 29 10 00-0086 Trim/Wainscot Caps For Gypsum Board *(09 29 10 00-0052)*

09 29 10 00-0087	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	8.14	1.73

09 29 10 00-0088 Single Fin Wall/Trim Reveals For Gypsum Board *(09 29 10 00-0052)*

09 29 10 00-0089	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.90	0.92
09 29 10 00-0090	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.95	1.04
09 29 10 00-0091	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.84	1.15
09 29 10 00-0092	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.27	1.27
09 29 10 00-0093	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.68	1.38
09 29 10 00-0094	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.83	1.38
09 29 10 00-0095	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.28	1.38
09 29 10 00-0096	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.14	1.38
09 29 10 00-0097	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.44	1.38
09 29 10 00-0098	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.20	1.50
09 29 10 00-0099	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.30	1.50
09 29 10 00-0100	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.86	1.50
09 29 10 00-0101	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.11	1.50
09 29 10 00-0102	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.31	1.50
09 29 10 00-0103	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.56	1.50
09 29 10 00-0104	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.92	1.50
09 29 10 00-0105	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.83	1.50
09 29 10 00-0106	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	10.58	1.50
09 29 10 00-0107	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	13.01	1.50
09 29 10 00-0108	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	17.65	1.50
09 29 10 00-0109	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.10	1.50
09 29 10 00-0110	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.50	1.50
09 29 10 00-0111	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	13.87	1.50
09 29 10 00-0112	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	14.02	1.50
09 29 10 00-0113	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	15.99	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0114	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	13.06	1.50
09 29 10 00-0115		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0116	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	8.92	2.08
09 29 10 00-0117	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.21	2.31
09 29 10 00-0118	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	11.62	2.77
09 29 10 00-0119	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	11.77	3.00
09 29 10 00-0120		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0121	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.49	1.38
09 29 10 00-0122	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.59	1.38
09 29 10 00-0123	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.69	1.38
09 29 10 00-0124	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.69	1.38
09 29 10 00-0125	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.14	1.38
09 29 10 00-0126	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.34	1.36
09 29 10 00-0127	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.55	1.38
09 29 10 00-0128	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.00	1.38
09 29 10 00-0129	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.76	1.38
09 29 10 00-0130	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.57	1.38
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.97	1.50
09 29 10 00-0132	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.07	1.50
09 29 10 00-0133	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.27	1.50
09 29 10 00-0134	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.73	1.50
09 29 10 00-0135	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.93	1.50
09 29 10 00-0136	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.08	1.50
09 29 10 00-0137	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.58	1.50
09 29 10 00-0138	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.39	1.50
09 29 10 00-0139	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.20	1.50
09 29 10 00-0140	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	14.37	1.50
09 29 10 00-0141	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	18.91	1.50
09 29 10 00-0142	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	16.91	1.64
09 29 10 00-0143	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	19.21	2.00
09 29 10 00-0144	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	19.86	2.00
09 29 10 00-0145	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	15.40	1.36
09 29 10 00-0146	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	14.11	2.00
09 29 10 00-0147	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	10.15	1.36
09 29 10 00-0148		**Special Conditions Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0149		**Radius Conditions** *(09 29 10 00-0148)*		
09 29 10 00-0150	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	126.22	
09 29 10 00-0151	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	126.22	
09 29 10 00-0152	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	126.22	
09 29 10 00-0153		**Knee Brace Kit** *(09 29 10 00-0148)*		
09 29 10 00-0154	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	271.20	14.43
09 29 10 00-0155		**Wall Bumper Rail** *(09 29 10 00-0148)*		
09 29 10 00-0156	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	36.78	5.77
09 29 10 00-0157		**Corners For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0158	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.83	1.38
09 29 10 00-0159	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.36	1.50
09 29 10 00-0160	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.30	1.56
09 29 10 00-0161	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.40	1.64
09 29 10 00-0162	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	12.59	2.00
09 29 10 00-0163	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.61	2.25
09 29 10 00-0164	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	17.77	2.57
09 29 10 00-0165	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	21.61	3.01
09 29 10 00-0166	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	29.73	4.01
09 29 10 00-0167	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	7.83	1.33
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	14.51	1.81
09 29 10 00-0169	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	10.32	1.81
09 29 10 00-0170	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	18.95	1.81
09 29 10 00-0171	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	27.03	2.25
09 29 10 00-0172	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	25.92	2.25
09 29 10 00-0173	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	7.63	1.56
09 29 10 00-0174	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	7.71	1.50
09 29 10 00-0175	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.78	1.38
09 29 10 00-0176	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	8.16	1.50
09 29 10 00-0177	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	11.06	1.64
09 29 10 00-0178	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.75	1.38
09 29 10 00-0179	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	10.28	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0180	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	15.20	1.64
09 29 10 00-0181	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	16.82	1.38
09 29 10 00-0182	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	28.73	3.01
09 29 10 00-0183	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	30.75	3.01
09 29 10 00-0184	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	57.07	5.01
09 29 10 00-0185	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	94.97	7.10
09 29 10 00-0186	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.34	1.54
09 29 10 00-0187	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.70	1.62
09 29 10 00-0188	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	12.85	1.98
09 29 10 00-0189	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	15.82	2.22
09 29 10 00-0190	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	22.57	2.54
09 29 10 00-0191	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	24.34	2.96
09 29 10 00-0192	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	27.51	3.95
09 29 10 00-0193	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.37	2.96
09 29 10 00-0194	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.62	2.96
09 29 10 00-0195	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	19.24	2.96
09 29 10 00-0196	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	19.74	2.96

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0036 for finishing drywall.

09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	7.50	2.89
		For Horizontal Installation Up To 10' High, Add	*1.97*	
		For Horizontal Installation >10' High, Add	*2.89*	
		For Walls >10' High, Add	*0.46*	
		For Up To 128, Add	*2.66*	
		For >128 To 320, Add	*1.62*	
		For >1,536, Deduct	*-0.55*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	8.70	3.46
		For Horizontal Installation Up To 10' High, Add	*2.36*	
		For Horizontal Installation >10' High, Add	*3.47*	
		For Walls >10' High, Add	*0.55*	
		For Up To 128, Add	*3.13*	
		For >128 To 320, Add	*1.91*	
		For >1,536, Deduct	*-0.61*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.93	2.23
		For Horizontal Installation Up To 10' High, Add	*1.51*	
		For Horizontal Installation >10' High, Add	*2.22*	
		For Walls >10' High, Add	*0.36*	
		For Up To 128, Add	*2.67*	
		For >128 To 320, Add	*1.56*	
		For Glass Mat Surfaces, Add	*0.43*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	9.69	2.33
		For Horizontal Installation Up To 10' High, Add	*1.59*	
		For Horizontal Installation >10' High, Add	*2.34*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.87*	
		For >128 To 320, Add	*1.67*	
		For Glass Mat Surfaces, Add	*0.43*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	11.08	2.33
		For Horizontal Installation Up To 10' High, Add	*1.59*	
		For Horizontal Installation >10' High, Add	*2.34*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*3.15*	
		For >128 To 320, Add	*1.81*	
		For Glass Mat Surfaces, Add	*0.43*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	11.87	2.44
		For Horizontal Installation Up To 10' High, Add	*1.67*	
		For Horizontal Installation >10' High, Add	*2.45*	
		For Walls >10' High, Add	*0.39*	
		For Up To 128, Add	*3.35*	
		For >128 To 320, Add	*1.92*	
		For Glass Mat Surfaces, Add	*0.43*	

09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0001		**Ceramic Tiling** *(09 30 13)*		
09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile	17.46	3.14
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*9.05*	
		For >50 To 250, Add	*1.25*	
		For >1,000, Deduct	*-0.63*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.40*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.58*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile	12.09	3.14
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*7.71*	
		For >50 To 250, Add	*1.25*	
		For >1,000, Deduct	*-0.63*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.40*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.58*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile	13.65	1.95
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*9.27*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.81*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile	18.79	3.79
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*10.38*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.78*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile	13.42	3.79
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*9.04*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.78*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile	15.42	2.40
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*11.04*	
		For >50 To 250, Add	*1.92*	
		For >1,000, Deduct	*-0.96*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.90*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.08*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile	18.98	6.58
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.43*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.61*	
		For Up To 50, Add	*14.60*	
		For >50 To 250, Add	*2.63*	
		For >1,000, Deduct	*-1.31*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile	21.61	3.94
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.83*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*3.01*	
		For Up To 50, Add	*17.23*	
		For >50 To 250, Add	*3.15*	
		For >1,000, Deduct	*-1.58*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim	12.39	2.74
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.87*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.96*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	20.89	2.74
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.87*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.96*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	23.60	2.74
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.87*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.96*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	19.09	0.60
09 30 13 00-0014	SF	1" Hexagon, Mosaic Ceramic Floor Tile (Daltile Carrara)	42.40	
		For Up To 50, Add	*15.33*	
		For >50 To 250, Add	*1.26*	
		For >1,000, Deduct	*-0.63*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.41*	
09 30 13 00-0015	SF	2" x 4", Matt Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Calcite)	44.36	
		For Up To 50, Add	*16.79*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	
09 30 13 00-0016	SF	2" x 4", Gloss Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Loch Ness)	32.16	
		For Up To 50, Add	*13.74*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0017	SF	4" x 4", Matt Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Calcite)	56.15	
		For Up To 50, Add	*19.74*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	
09 30 13 00-0018	SF	2" x 8", Gloss Finish, Glazed Brick Tile With 3/6" Joint Size (Fireclay Tile Blue Nebula)	40.87	
		For Up To 50, Add	*17.42*	
		For >50 To 250, Add	*1.92*	
		For >1,000, Deduct	*-0.96*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.90*	

09 30 13 00-0019 Residential Ceramic Tiling *(09 30 13)*

09 30 13 00-0020	SF	Mounted Ceramic Floor Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	9.93	3.14
		For Up To 50, Add	*7.17*	
		For >50 To 250, Add	*1.25*	
		For >1,000, Deduct	*-0.63*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.40*	
09 30 13 00-0021	SF	Mounted Ceramic Wall Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	11.26	3.79
		For Up To 50, Add	*8.50*	
		For >50 To 250, Add	*1.52*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.60*	
09 30 13 00-0022	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	12.21	3.14
		For Up To 50, Add	*7.74*	
		For >50 To 250, Add	*1.25*	
		For >1,000, Deduct	*-0.63*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.40*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile Note: With or without embedded abrasive grit.	13.10	2.20
		For Up To 50, Add	*9.85*	
		For >50 To 250, Add	*1.75*	
		For >1,000, Deduct	*-0.88*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.77*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.95*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	26.83	2.20
		For Up To 50, Add	*13.28*	
		For >50 To 250, Add	*1.75*	
		For >1,000, Deduct	*-0.88*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.77*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.95*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile Note: With or without embedded abrasive grit.	14.85	2.60
		For Up To 50, Add	*11.60*	
		For >50 To 250, Add	*2.10*	
		For >1,000, Deduct	*-1.05*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.04*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.22*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	28.58	2.60
		For Up To 50, Add	*15.03*	
		For >50 To 250, Add	*2.10*	
		For >1,000, Deduct	*-1.05*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.04*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.22*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	18.45	2.90
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.96*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.05*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	40.96	2.90
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.96*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.05*	

09 30 23 Glass Mosaic Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 23 00-0001	SF	Up To 1"x1", Unmounted Glass Wall Tile	33.38	2.40

09 30 33 Stone Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 33 00-0001 Marble Floor Tile *(09 30 33)*

09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	11.79	1.95
		For Up To 50, Add	*8.81*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	12.16	1.95
		For Up To 50, Add	*8.90*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.36	1.95
		For Up To 50, Add	*8.95*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.44	1.95
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.50	1.95
		For Up To 50, Add	*8.98*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.58	1.95
		For Up To 50, Add	*9.00*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	12.78	1.95
		For Up To 50, Add	*9.05*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	14.07	1.95
		For Up To 50, Add	*9.38*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.22	1.95
		For Up To 50, Add	*9.41*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.49	1.95
		For Up To 50, Add	*9.48*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	14.78	1.95
		For Up To 50, Add	*9.55*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	15.00	1.95
		For Up To 50, Add	*9.61*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	15.71	1.95
		For Up To 50, Add	*9.79*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	17.04	1.95
		For Up To 50, Add	*10.12*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.13	1.95
		For Up To 50, Add	*10.14*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.12	1.95
		For Up To 50, Add	*10.39*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	18.46	1.95
		For Up To 50, Add	*10.47*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	18.60	1.95
		For Up To 50, Add	*10.51*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	18.83	1.95
		For Up To 50, Add	*10.57*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	20.68	1.95
		For Up To 50, Add	*11.03*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	21.73	1.95
		For Up To 50, Add	*11.29*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	22.01	1.95
		For Up To 50, Add	*11.36*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	22.16	1.95
		For Up To 50, Add	*11.40*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0025		Granite Floor Tile *(09 30 33)*		
09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	10.79	1.95
		For Up To 50, Add	*8.56*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.50	1.95
		For Up To 50, Add	*8.73*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	12.07	1.95
		For Up To 50, Add	*8.88*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.34	1.95
		For Up To 50, Add	*9.44*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	14.78	1.95
		For Up To 50, Add	*9.55*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.20	1.95
		For Up To 50, Add	*9.66*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	15.62	1.95
		For Up To 50, Add	*9.76*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	16.13	1.95
		For Up To 50, Add	*9.89*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	16.62	1.95
		For Up To 50, Add	*10.01*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	17.13	1.95
		For Up To 50, Add	*10.14*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	17.61	1.95
		For Up To 50, Add	*10.26*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	18.18	1.95
		For Up To 50, Add	*10.40*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	18.75	1.95
		For Up To 50, Add	*10.55*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	20.73	1.95
		For Up To 50, Add	*11.04*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0040		Slate Floor Tile *(09 30 33)*		
09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	9.94	1.95
		For Up To 50, Add	*8.34*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	10.31	1.95
		For Up To 50, Add	*8.44*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	10.51	1.95
		For Up To 50, Add	*8.49*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	10.51	1.95
		For Up To 50, Add	*8.49*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	10.65	1.95
		For Up To 50, Add	*8.52*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	11.08	1.95
		For Up To 50, Add	*8.63*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.50	1.95
		For Up To 50, Add	*8.73*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.65	1.95
		For Up To 50, Add	*8.77*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0049 Travertine Floor Tile *(09 30 33)*

09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.50	1.95
		For Up To 50, Add	*8.73*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	11.93	1.95
		For Up To 50, Add	*8.84*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	12.21	1.95
		For Up To 50, Add	*8.91*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	12.64	1.95
		For Up To 50, Add	*9.02*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	12.78	1.95
		For Up To 50, Add	*9.05*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	12.92	1.95
		For Up To 50, Add	*9.09*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.29	1.95
		For Up To 50, Add	*9.43*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0057 Limestone Floor Tile *(09 30 33)*

09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.20	1.95
		For Up To 50, Add	*9.41*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	14.63	1.95
		For Up To 50, Add	*9.52*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	16.84	1.95
		For Up To 50, Add	*10.07*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	18.18	1.95
		For Up To 50, Add	*10.40*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	18.18	1.95
		For Up To 50, Add	*10.40*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	18.60	1.95
		For Up To 50, Add	*10.51*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	20.17	1.95
		For Up To 50, Add	*10.90*	
		For >50 To 250, Add	*1.56*	
		For >1,000, Deduct	*-0.78*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.63*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.82	1.05
		For Up To 50, Add	*1.63*	
		For >50 To 250, Add	*0.31*	
		For >1,000, Deduct	*-0.16*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	1.01	
		For Up To 50, Add	*1.01*	
		For >50 To 250, Add	*0.20*	
		For >1,000, Deduct	*-0.10*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 Lb. felt and wire reinforcement.	4.63	2.08
		For Up To 50, Add	*3.51*	
		For >50 To 250, Add	*0.63*	
		For >1,000, Deduct	*-0.31*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For commercial floors. Includes 15 Lb. felt and wire reinforcement.	6.60	2.79
		For Up To 50, Add	*4.78*	
		For >50 To 250, Add	*0.83*	
		For >1,000, Deduct	*-0.42*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls Note: Includes 15 Lb. felt and expanded metal lath.	14.90	6.25
		For Up To 50, Add	*13.11*	
		For >50 To 250, Add	*2.50*	
		For >1,000, Deduct	*-1.25*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.22*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,435.63
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,666.89
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,473.31

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	174.14
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	166.56

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	361.16	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	726.51	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	897.01	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	653.44	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	726.51	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	775.23	
09 34 00 00-0016		Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*		
		Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	308.10	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	308.10	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	478.60	
09 34 00 00-0020		Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*		
09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	5.33	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	6.18	
09 34 00 00-0023		Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.67	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001		Chemical-Resistant Ceramic Tiling *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	6.15	1.37
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*3.10*	
		For >50 To 250, Add	*0.42*	
		For >1,000, Deduct	*-0.21*	

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001		Tile Waterproofing And Crack Prevention *(09 39)*		
09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane; RedGard	136.56	
09 39 00 00-0003		Waterproof Strip Membranes (Schluter® KERDI) *(09 39)*		
09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	5.69	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	12.17	
09 39 00 00-0006		Coved Shaped Transition Profiles For Floor To Wall For Tile *(09 39)*		
09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.98	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.96	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	8.26	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.58	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.89	
09 39 00 00-0012		Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile *(09 39)*		
09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	16.57	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.05	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.58	
09 39 00 00-0016		Tile Substrate (Schluter® KERDI BOARD) *(09 39)*		
09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.58	0.81
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	10.78	0.92
09 39 00 00-0019		Floor Edge Protection And Transition Profiles For Tile *(09 39)*		
09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.11	
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.24	
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.37	
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.60	
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.49	
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.80	
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.94	
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	4.32	
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	5.94	
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.52	
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.81	
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.10	
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	7.39	
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.71	
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	6.00	
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	7.31	

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*

09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.68	
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.99	
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.44	
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.90	
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.30	
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.88	
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.45	
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	8.46	

09 39 00 00-0046 Finishing And Edge Protection Profile For Outside Corners Of Tiled Surfaces *(09 39)*

09 39 00 00-0047	LF	1/2" Height, Finish Edge Trim With Schluter Strip (Jolly A125AT)	5.27	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.95	0.46
		For Up To 50, Add	*1.94*	
		For >50 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.71*	
		For Individual Room Quantities <495, Add	*1.20*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.45*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.89	0.46
		For Up To 50, Add	*1.93*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.70*	
		For Individual Room Quantities <495, Add	*1.19*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.39*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.46	0.58
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.55*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.75*	
		For Individual Room Quantities <495, Add	*1.27*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.84*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.56	0.58
		For Up To 50, Add	*2.08*	
		For >50 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.56*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.76*	
		For Individual Room Quantities <495, Add	*1.28*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.94*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355)	9.83	0.58
		For Up To 50, Add	*2.12*	
		For >50 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.57*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.78*	
		For Individual Room Quantities <495, Add	*1.31*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.21*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	9.82	0.58
		For Up To 50, Add	*2.12*	
		For >50 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.57*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.78*	
		For Individual Room Quantities <495, Add	*1.31*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.20*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0009	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima Health Zone)	10.50	0.46
		For Up To 50, Add	*2.22*	
		For >50 To 200, Add	*1.37*	
		For >200 To 500, Add	*0.61*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.83*	
		For Individual Room Quantities <495, Add	*1.37*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.88*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0010	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima Health Zone)	10.47	0.46
		For Up To 50, Add	*2.22*	
		For >50 To 200, Add	*1.37*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.83*	
		For Individual Room Quantities <495, Add	*1.37*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.85*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0011	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.42	0.46
		For Up To 50, Add	*2.06*	
		For >50 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.55*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.75*	
		For Individual Room Quantities <495, Add	*1.27*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.80*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0012	SF	2' x 6' x 1" Thick, Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	10.91	0.46
		For Up To 50, Add	*2.28*	
		For >50 To 200, Add	*1.42*	
		For >200 To 500, Add	*0.63*	
		For >2,500 To 4,000, Deduct	*-0.27*	
		For >4,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.86*	
		For Individual Room Quantities <495, Add	*1.42*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-9.29*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0013	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	10.24	0.58
		For Up To 50, Add	*2.18*	
		For >50 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.59*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.81*	
		For Individual Room Quantities <495, Add	*1.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.62*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0014	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	10.23	0.58
		For Up To 50, Add	*2.18*	
		For >50 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.59*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.81*	
		For Individual Room Quantities <495, Add	*1.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-8.61*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0015		Mineral Fiber Panels *(09 51 13)*		
09 51 13 00-0016		Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0015)*		
		Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0017	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.37	0.46
		For Up To 50, Add	*0.96*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0018	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.35	0.70
		For Up To 50, Add	*0.95*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0019	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.83	0.46
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0020	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.82	0.70
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0021	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	3.14	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0022	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	3.14	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0023	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.38	0.70
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0024	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.39	0.70
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.71	0.70
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0026	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.12	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0027	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.10	0.70
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.60	0.46
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0029	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.83	0.46
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0030	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.82	0.46
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0031	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	3.14	0.46
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0032	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.86	0.46
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0033	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.85	0.46
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0034	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.30	0.46
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0035	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.30	0.46
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0036	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.48	0.46
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0037	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	4.12	0.46
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0038	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.38	0.46
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0039	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	4.14	0.46
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0040	SF	30" x 60"' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.17	0.46
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0041	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.48	0.70
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0042	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.41	0.70
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0043	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.86	0.70
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0044	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.86	0.70
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0045	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured)	9.43	0.81
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.67	0.46
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.66	0.46
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0048	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	4.33	0.46
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0049	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.94	0.46
		For Up To 50, Add	*1.19*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0050	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.88	0.46
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0051	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.88	0.46
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0052	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	4.09	0.46
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0053	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	4.26	0.46
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0054	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.50	0.46
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.75*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0055	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.46	0.46
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.37*	
		For Individual Room Quantities <495, Add	*0.75*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0056	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.33	0.70
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0057	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.33	0.70
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0058	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.70	0.46
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.24*	
		For >5,000, Deduct	*-0.39*	
		For Individual Room Quantities <495, Add	*0.77*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0059	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.59	0.46
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0060	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.67	0.70
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0061	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.62	0.70
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0062	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.67	0.70
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0063	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.62	0.70
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0064	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	6.23	0.46
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0065	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.18	0.70
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0066	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.16	0.70
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0067	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.67	0.46
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.97*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0068	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.67	0.46
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.97*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0069	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.20	0.46
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0070	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.20	0.46
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0071	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.20	0.46
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0072	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.20	0.46
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0073	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.67	0.58
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0074	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.67	0.58
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0075	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.67	0.58
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0076	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.67	0.58
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0077	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	7.01	0.46
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0078	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	7.01	0.46
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0079	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	7.01	0.46
		For Up To 50, Add	*1.65*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0080	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.97	0.46
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0081	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.85	0.46
		For Up To 50, Add	*1.83*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.47*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.63*	
		For Individual Room Quantities <495, Add	*1.11*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0082	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.91	0.46
		For Up To 50, Add	*1.83*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.63*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0083	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	7.41	0.46
		For Up To 50, Add	*1.71*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0084	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	7.27	0.46
		For Up To 50, Add	*1.69*	
		For >50 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.03*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0085	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.06	0.58
		For Up To 50, Add	*1.86*	
		For >50 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.13*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0086	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.06	0.58
		For Up To 50, Add	*1.86*	
		For >50 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.13*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0087	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.06	0.46
		For Up To 50, Add	*1.86*	
		For >50 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.13*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0088	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.06	0.58
		For Up To 50, Add	*1.86*	
		For >50 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.13*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.73*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0089	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617)	2.76	0.46
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0090	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627)	2.85	0.46
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0091	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742)	4.36	0.46
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.68*	
		For Ceilings >10' High, Add	*0.11*	

09 51 13 00-0092 Clean Room, Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0015)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0093	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Border Panel (Armstrong Clean Room™ VL)	6.91	0.70
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.55*	
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*2.65*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.28*	
09 51 13 00-0094	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Border Panel (Armstrong Clean Room™ VL)	6.89	0.70
		For Up To 50, Add	*1.55*	
		For >50 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.55*	
		For Vertical Application, Add	*0.58*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*2.65*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.28*	
09 51 13 00-0095	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Border Panel (Armstrong Clean Room™ FL)	12.96	0.70
		For Up To 50, Add	*2.47*	
		For >50 To 200, Add	*1.56*	
		For >200 To 500, Add	*0.71*	
		For >2,500 To 4,000, Deduct	*-0.32*	
		For >4,000 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-1.00*	
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*5.37*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.58*	
09 51 13 00-0096	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Border Panel (Armstrong Clean Room™ FL)	12.80	0.70
		For Up To 50, Add	*2.43*	
		For >50 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.70*	
		For >2,500 To 4,000, Deduct	*-0.32*	
		For >4,000 To 5,000, Deduct	*-0.64*	
		For >5,000, Deduct	*-0.99*	
		For Vertical Application, Add	*0.58*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*5.31*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0097	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Field Panel (Armstrong Clean Room™ FL)	12.71	0.70
		For Up To 50, Add	*2.43*	
		For >50 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.70*	
		For >2,500 To 4,000, Deduct	*-0.32*	
		For >4,000 To 5,000, Deduct	*-0.64*	
		For >5,000, Deduct	*-0.99*	
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*5.26*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.57*	
09 51 13 00-0098	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Field Panel (Armstrong Clean Room™ FL)	12.66	0.70
		For Up To 50, Add	*2.41*	
		For >50 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.70*	
		For >2,500 To 4,000, Deduct	*-0.32*	
		For >4,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-0.98*	
		For Vertical Application, Add	*0.58*	
		For Ceilings >10' High, Add	*0.10*	
		For Single Angled Tegular Edge (Reveal), Add	*5.25*	
		For Broad Spectrum Anti-microbial Fungicide And Bactericide Treatment, Add	*0.57*	

09 51 13 00-0099 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0100	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.31	0.70
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add	*1.24*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-6.25*	
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0101	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.10	0.70
		For Up To 50, Add	*1.96*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.50*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.18*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-6.25*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0102	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	11.10	0.70
		For Up To 50, Add	*2.49*	
		For >50 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.66*	
		For >2,500 To 4,000, Deduct	*-0.28*	
		For >4,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.88*	
		For Individual Room Quantities <495, Add	*1.52*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-9.04*	
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0103	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	10.89	0.70
		For Up To 50, Add	*2.37*	
		For >50 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.64*	
		For >2,500 To 4,000, Deduct	*-0.27*	
		For >4,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.86*	
		For Individual Room Quantities <495, Add	*1.46*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-9.04*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0104	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.80	0.70
		For Up To 50, Add	*2.89*	
		For >50 To 200, Add	*1.79*	
		For >200 To 500, Add	*0.79*	
		For >2,500 To 4,000, Deduct	*-0.35*	
		For >4,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.09*	
		For Individual Room Quantities <495, Add	*1.79*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-11.74*	
		For Ceilings >10' High, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0105	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.59	0.70
		For Up To 50, Add	*2.78*	
		For >50 To 200, Add	*1.73*	
		For >200 To 500, Add	*0.77*	
		For >2,500 To 4,000, Deduct	*-0.34*	
		For >4,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.07*	
		For Individual Room Quantities <495, Add	*1.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-11.74*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0106	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	9.95	0.70
		For Up To 50, Add	*2.32*	
		For >50 To 200, Add	*1.41*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.80*	
		For Individual Room Quantities <495, Add	*1.41*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.89*	
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0107	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	9.74	0.70
		For Up To 50, Add	*2.20*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.58*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.78*	
		For Individual Room Quantities <495, Add	*1.34*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Owner Furnished Material, Deduct	*-7.89*	
		For Ceilings >10' High, Add	*0.14*	

09 51 13 00-0108 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0109	SF	Removal And Reinstallation Of Acoustical Panels Only	2.36	
		For Up To 50, Add	*1.30*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.18*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	6.21	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.09*	
		For >50 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.46*	
		For >2,500, Deduct	*-0.31*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	7.46	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.28*	
		For >50 To 200, Add	*1.32*	
		For >200 To 500, Add	*0.52*	
		For >2,500, Deduct	*-0.37*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	8.45	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.42*	
		For >50 To 200, Add	*1.42*	
		For >200 To 500, Add	*0.57*	
		For >2,500, Deduct	*-0.42*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.22*	

09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	5.69	1.27
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.01*	
		For >50 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.43*	
		For >2,500, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.22*	

09 51 33 Acoustical Metal Pan Ceilings *(09 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	23.85	1.01
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	25.54	1.01
09 51 33 13-0004		Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.66	1.15
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.21	1.15
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	59.45	1.15
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.73	1.15
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.67	1.15
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.42	1.15
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	59.00	1.15
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.51	1.15
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.16	1.15
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.89	1.15
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	65.61	1.15
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.55	1.15
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.61	1.15
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.67	1.15
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	67.85	1.15
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.33	1.15
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	21.80	1.15
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	35.92	1.15
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	64.15	1.15
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.77	1.15
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.48	1.15
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.37	1.15
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	66.50	1.15
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.77	1.15
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.19	1.15
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.60	1.15
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	55.73	1.15
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.25	1.15
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.31	1.15
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.37	1.15
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	55.84	1.15
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.25	1.15
09 51 33 23		**Acoustical Lay-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 23-0001		Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*		
09 51 33 23-0002		Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	18.53	0.87
		For Up To 50, Add	*3.47*	
		For >50 To 200, Add	*2.20*	
		For >200 To 500, Add	*1.01*	
		For >2,500 To 4,000, Deduct	*-0.46*	
		For >4,000 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.43*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	21.06	0.87
		For Up To 50, Add	*3.85*	
		For >50 To 200, Add	*2.45*	
		For >200 To 500, Add	*1.14*	
		For >2,500 To 4,000, Deduct	*-0.53*	
		For >4,000 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.62*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.14	0.87
		For Up To 50, Add	*5.36*	
		For >50 To 200, Add	*3.46*	
		For >200 To 500, Add	*1.64*	
		For >2,500 To 4,000, Deduct	*-0.78*	
		For >4,000 To 5,000, Deduct	*-1.56*	
		For >5,000, Deduct	*-2.38*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.38	0.87
		For Up To 50, Add	*4.65*	
		For >50 To 200, Add	*2.98*	
		For >200 To 500, Add	*1.41*	
		For >2,500 To 4,000, Deduct	*-0.66*	
		For >4,000 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-2.02*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.34	0.87
		For Up To 50, Add	*4.94*	
		For >50 To 200, Add	*3.18*	
		For >200 To 500, Add	*1.50*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.42*	
		For >5,000, Deduct	*-2.17*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	44.86	0.87
		For Up To 50, Add	*7.42*	
		For >50 To 200, Add	*4.83*	
		For >200 To 500, Add	*2.33*	
		For >2,500 To 4,000, Deduct	*-1.12*	
		For >4,000 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-3.41*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.90	0.87
		For Up To 50, Add	*4.88*	
		For >50 To 200, Add	*3.14*	
		For >200 To 500, Add	*1.48*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-2.14*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.71	0.87
		For Up To 50, Add	*5.90*	
		For >50 To 200, Add	*3.82*	
		For >200 To 500, Add	*1.82*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.74*	
		For >5,000, Deduct	*-2.65*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.06	0.87
		For Up To 50, Add	*4.90*	
		For >50 To 200, Add	*3.15*	
		For >200 To 500, Add	*1.49*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-2.15*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.92	0.87
		For Up To 50, Add	*5.93*	
		For >50 To 200, Add	*3.84*	
		For >200 To 500, Add	*1.83*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-2.66*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.20	0.87
		For Up To 50, Add	*4.92*	
		For >50 To 200, Add	*3.17*	
		For >200 To 500, Add	*1.50*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-2.16*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.78	0.87
		For Up To 50, Add	*5.91*	
		For >50 To 200, Add	*3.82*	
		For >200 To 500, Add	*1.83*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.74*	
		For >5,000, Deduct	*-2.65*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.20	0.87
		For Up To 50, Add	*4.92*	
		For >50 To 200, Add	*3.17*	
		For >200 To 500, Add	*1.50*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-2.16*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.06	0.87
		For Up To 50, Add	*5.95*	
		For >50 To 200, Add	*3.85*	
		For >200 To 500, Add	*1.84*	
		For >2,500 To 4,000, Deduct	*-0.88*	
		For >4,000 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-2.67*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0017		Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*		
09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	24.05	0.87
		For Up To 50, Add	*4.30*	
		For >50 To 200, Add	*2.75*	
		For >200 To 500, Add	*1.29*	
		For >2,500 To 4,000, Deduct	*-0.60*	
		For >4,000 To 5,000, Deduct	*-1.20*	
		For >5,000, Deduct	*-1.85*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.75	0.87
		For Up To 50, Add	*5.00*	
		For >50 To 200, Add	*3.22*	
		For >200 To 500, Add	*1.52*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.20*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	30.88	0.87
		For Up To 50, Add	*5.32*	
		For >50 To 200, Add	*3.43*	
		For >200 To 500, Add	*1.63*	
		For >2,500 To 4,000, Deduct	*-0.77*	
		For >4,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-2.36*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.98	0.87
		For Up To 50, Add	*5.04*	
		For >50 To 200, Add	*3.24*	
		For >200 To 500, Add	*1.54*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-2.22*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.76	0.87
		For Up To 50, Add	*5.16*	
		For >50 To 200, Add	*3.32*	
		For >200 To 500, Add	*1.57*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.49*	
		For >5,000, Deduct	*-2.28*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	31.55	0.87
		For Up To 50, Add	*5.42*	
		For >50 To 200, Add	*3.50*	
		For >200 To 500, Add	*1.66*	
		For >2,500 To 4,000, Deduct	*-0.79*	
		For >4,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-2.41*	
		For Ceilings >10' High, Add	*0.13*	

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.44	0.87
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.68	0.87
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.97	0.87
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.90	0.87
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.59	0.87
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.54	0.87

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 13 Curved Profile Ceiling Suspension *(09 53)*

09 53 13 00-0001 Perimeter Trim *(09 53 13)*

09 53 13 00-0002	LF	2" Straight Section Axiom Perimeter Trim	24.40	
09 53 13 00-0003	LF	4" Straight Section Axiom Perimeter Trim	29.75	
09 53 13 00-0004	LF	6" Straight Section Axiom Perimeter Trim	33.32	
09 53 13 00-0005	EA	2" Corner Section Axiom Perimeter Trim	44.99	
09 53 13 00-0006	EA	4" Corner Section Axiom Perimeter Trim	57.84	
09 53 13 00-0007	EA	6" Corner Section Axiom Perimeter Trim	65.34	

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	4.99	0.58
		For Fastening To Concrete, Add	*1.48*	
		For Fastening To Steel, Add	*1.55*	
		For Vertical Application, Add	*2.19*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF. Other quantity discounts would apply.*	*0.50*	
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.29*	
		For Ceilings >10' High, Add	*0.19*	
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	4.01	0.58
		For UL Listed (Fire Guard), Add	*0.29*	
		For 1-1/2" Wide Faced Grid, Add	*0.53*	
		For Fastening To Concrete, Add	*1.44*	
		For Fastening To Steel, Add	*1.51*	
		For Vertical Application, Add	*1.84*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF. Other quantity discounts would apply.*	*0.41*	
		For Aluminum T-Bar System, Add	*0.86*	
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.32	0.58
		For UL Listed (Fire Guard), Add	*0.21*	
		For 1-1/2" Wide Faced Grid, Add	*0.39*	
		For Fastening To Concrete, Add	*1.42*	
		For Fastening To Steel, Add	*1.49*	
		For Vertical Application, Add	*1.69*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF. Other quantity discounts would apply.*	*0.36*	
		For Aluminum T-Bar System, Add	*0.63*	
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.20*	
		For Black Grid, Add	*0.17*	
		For Ceilings >10' High, Add	*0.14*	
		For Concealed Spline Grid, Add	*0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.75	0.58
		For UL Listed (Fire Guard), Add	*0.17*	
		For 1-1/2" Wide Faced Grid, Add	*0.32*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.46*	
		For Vertical Application, Add	*1.62*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.51*	
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.17*	
		For Black Grid, Add	*0.14*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.44*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.41	0.58
		For UL Listed (Fire Guard), Add	*0.15*	
		For 1-1/2" Wide Faced Grid, Add	*0.29*	
		For Fastening To Concrete, Add	*1.37*	
		For Fastening To Steel, Add	*1.44*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.46*	
		For Up To 50, Add	*0.91*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.14*	
		For Ceilings >10' High, Add	*0.10*	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	3.61	0.58
		For UL Listed (Fire Guard), Add	*0.25*	
		For Fastening To Concrete, Add	*1.42*	
		For Fastening To Steel, Add	*1.49*	
		For Vertical Application, Add	*1.69*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.37*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.21*	
		For Black Grid, Add	*0.21*	
		For Ceilings >10' High, Add	*0.14*	
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.98	0.58
		For UL Listed (Fire Guard), Add	*0.20*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.46*	
		For Vertical Application, Add	*1.62*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.18*	
		For Black Grid, Add	*0.17*	
		For Ceilings >10' High, Add	*0.12*	

09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.48	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.44	1.62
		For 304 Stainless Steel, Add	*2.91*	
		For 316 Stainless Steel, Add	*3.26*	
		For Aluminum, Add	*0.18*	
		For Galvanized Steel, Add	*0.63*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	4.92	1.73
		For 304 Stainless Steel, Add	*4.42*	
		For 316 Stainless Steel, Add	*4.96*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.96*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.91	1.85
		For 304 Stainless Steel, Add	*8.84*	
		For 316 Stainless Steel, Add	*9.92*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
09 53 23 00-0014	LF	12 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	0.89	
09 53 23 00-0015	LF	8 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	1.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0016	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	7.54	0.33
09 53 23 00-0017	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum Note: Includes vertical centerl strut and four 12 gauge diagonal wires.	34.24	9.65
09 53 23 00-0018	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	94.30	23.46
09 53 23 00-0019	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	97.94	23.91
09 53 23 00-0020	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	111.12	23.91

09 53 23 00-0021 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 53 23 00-0022	SF	Removal And Reinstallation Of 2' x 2' Or 2' x 4' Acoustical Ceiling Tile And Grid Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place.	3.19	
		For Up To 50, Add	*1.75*	
		For >50 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.24*	
09 53 23 00-0023	SF	Removal And Reinstallation Of Grid System Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place. Excludes ceiling tiles.	1.38	
		For Up To 50, Add	*0.76*	
		For >50 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.03*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.10*	
		For Ceilings >10' High, Add	*0.10*	

09 53 23 00-0024 Ceiling Suspension *(09 53 23)*

09 53 23 00-0025	SF	Suspension System - Main (Armstrong 7300)	1.78	0.46
09 53 23 00-0026	SF	Suspension System - Cross Tee (Armstrong XL7328)	1.21	0.46
09 53 23 00-0027	SF	Suspension System - Cross Tee (Armstrong XL7340)	1.21	0.46
09 53 23 00-0028	SF	Suspension System - Cross Tee (Armstrong XL7341)	1.37	0.46
09 53 23 00-0029	SF	Suspension System - Cross Tee (Armstrong XL7342)	1.21	0.46
09 53 23 00-0030	SF	Suspension System - Angle Molding (Armstrong 7800)	0.80	0.46
09 53 23 00-0031	SF	Suspension System - Main Beam (Armstrong 7501)	1.94	0.46
09 53 23 00-0032	SF	Suspension System - Cross Tee (Armstrong XL7520)	1.46	0.46
09 53 23 00-0033	SF	Suspension System - Cross Tee (Armstrong XL7540)	1.46	0.46
09 53 23 00-0034	SF	Suspension System - Angle Molding (Armstrong 7804)	0.80	0.46
09 53 23 00-0035	SF	Suspension System - Main Beam (Armstrong 7601)	2.10	0.46
09 53 23 00-0036	SF	Suspension System - Cross Tee (Armstrong XL7620)	1.64	0.46
09 53 23 00-0037	SF	Suspension System - Cross Tee (Armstrong XL7640)	1.64	0.46
09 53 23 00-0038	SF	Suspension System - Angle Molding (Armstrong 7804)	0.80	0.46
09 53 23 00-0039	SF	Shadow Molding (Armstrong 7877)	0.96	0.46
09 53 23 00-0040	SF	Suspension System - Main Beam (Armstrong 6100HRC)	2.10	0.46
09 53 23 00-0041	SF	Suspension System - Cross Tee (Armstrong XL6120HRC)	1.64	0.46
09 53 23 00-0042	SF	Suspension System - Cross Tee (Armstrong XL6140HRC)	1.64	0.46
09 53 23 00-0043	SF	Suspension System - Angle Molding (Armstrong 7800HRC)	0.86	0.46
09 53 23 00-0044	SF	Suspension System - Angle Molding (Armstrong 7804HRC)	0.86	0.46
09 53 23 00-0045	SF	Prelude Heavy-Duty Grid - Main (Armstrong 7301)	1.83	0.46
09 53 23 00-0046	SF	Prelude Heavy-Duty Grid - Cross Tee (Armstrong XL7328)	1.21	0.46
09 53 23 00-0047	SF	Suspension System - Cross Tee (Armstrong XL7340)	1.21	0.46
09 53 23 00-0048	SF	Suspension System - Cross Tee (Armstrong XL7341)	1.37	0.46
09 53 23 00-0049	SF	Prelude Heavy-Duty Grid - Cross Tee (Armstrong XL7342)	1.21	3.69
09 53 23 00-0050	SF	Prelude Heavy-Duty Grid - Angled Molding (Armstrong 7800)	0.80	3.69
09 53 23 00-0051	SF	Prelude Heavy-Duty Grid - Angle Molding (Armstrong 7808)	1.33	3.69

09 53 23 00-0052 Existing Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0053	EA	Ceiling Hold Down Clip (Armstrong FZUHDCA) Note: For existing ceilings	3.74	0.92
		For Up To 40, Add	*1.48*	
		For >40 To 150, Add	*0.74*	
		For >400, Deduct	*-0.35*	

09 54 Specialty Ceilings *(09 50)*

09 54 16 Luminous Ceilings *(09 54)*

09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

09 54 16 00-0002	SF	2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.38	0.58
		For Ceilings >10' High, Add	*0.10*	
		For >100 To 200, Deduct	*-0.14*	
		For >200 To 300, Deduct	*-0.38*	
		For >300, Deduct	*-0.65*	

09 54 23 Linear Metal Ceilings *(09 54)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0001		Linear Ceiling Systems *(09 54 23)*		
09 54 23 00-0002		0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)* Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	23.27	2.46
		For Up To 50, Add	*5.84*	
		For >50 To 200, Add	*3.50*	
		For >200 To 500, Add	*1.46*	
		For >2,500, Deduct	*-1.16*	
		For Ceilings >10' High, Add	*0.44*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-4.32*	
		For Curved Ceilings, Add	*1.39*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	18.69	2.46
		For Up To 50, Add	*5.11*	
		For >50 To 200, Add	*3.02*	
		For >200 To 500, Add	*1.22*	
		For >2,500, Deduct	*-0.93*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-2.16*	
		For Curved Ceilings, Add	*1.37*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.92	2.46
		For Up To 50, Add	*4.79*	
		For >50 To 200, Add	*2.82*	
		For >200 To 500, Add	*1.13*	
		For >2,500, Deduct	*-0.85*	
		For Ceilings >10' High, Add	*0.42*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.44*	
		For Curved Ceilings, Add	*1.35*	
09 54 23 00-0006		Tin Ceilings *(09 54 23)*		
09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	22.25	3.80
		For Up To 50, Add	*5.17*	
		For >50 To 200, Add	*3.14*	
		For >200 To 500, Add	*1.34*	
		For >2,500, Deduct	*-1.11*	
		For Ceilings >10' High, Add	*0.34*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	32.99	2.46
		For Up To 50, Add	*6.88*	
		For >50 To 200, Add	*4.27*	
		For >200 To 500, Add	*1.89*	
		For >2,500, Deduct	*-1.65*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	24.03	2.46
		For Up To 50, Add	*5.54*	
		For >50 To 200, Add	*3.37*	
		For >200 To 500, Add	*1.44*	
		For >2,500, Deduct	*-1.20*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	22.07	2.46
		For Up To 50, Add	*5.09*	
		For >50 To 200, Add	*3.10*	
		For >200 To 500, Add	*1.33*	
		For >2,500, Deduct	*-1.10*	
		For Ceilings >10' High, Add	*0.33*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	19.25	1.84
		For Up To 50, Add	*4.44*	
		For >50 To 200, Add	*2.70*	
		For >200 To 500, Add	*1.16*	
		For >2,500, Deduct	*-0.96*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	14.94	3.68
		For Ceilings >10' High, Add	*0.54*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	18.73	4.30
		For Ceilings >10' High, Add	*0.60*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	25.15	5.02
		For Ceilings >10' High, Add	*0.75*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	43.21	11.64
		For Ceilings >10' High, Add	*1.71*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	60.07	13.62
		For Ceilings >10' High, Add	*2.05*	

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001		High Impact Ceilings *(09 57 63)*		
09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	8.14	1.15
		For Ceilings >10' High, Add	*0.14*	
09 57 63 00-0003	EA	High Impact Clips	4.52	0.92
		For Ceilings >10' High, Add	*0.22*	

09 60 Flooring *(09)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	3.11	2.31
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.95	2.54
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.79	2.80
09 61 13 00-0005	LF	4" Anti-Slip Tape	5.57	3.07
09 61 13 00-0006	LF	6" Anti-Slip Tape	7.14	3.38
09 61 13 00-0007	LF	12" Anti-Slip Tape	12.56	5.07
09 61 13 00-0008	LF	24" Anti-Slip Tape	17.73	7.60

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001 Clay Bricks *(09 63 13)*

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	28.52	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	32.01	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	18.71	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	21.87	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	20.12	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	24.32	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	21.49	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	26.80	10.17
		For Basket Weave Pattern, Add	*2.17*	
		For Herringbone Pattern, Add	*2.90*	
		For Epoxy Joints, Add	*5.34*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)*

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	19.46	6.00

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	1/8" Thick Laminate And Wood Floor Underlayment (Roberts Harmony Premium 3-in-1)	1.84	
09 64 13 00-0003	SF	2mm Thick, Foam Underlayment For Laminate Flooring (SimpleSolutions Soundbloc)	0.92	
09 64 13 00-0004	SF	Underlayment For Wood And Laminate Flooring (Halex VersaSheild VS-60)	2.22	
09 64 13 00-0005	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.54	
09 64 13 00-0006	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.56	
09 64 13 00-0007	SF	30 Lb., Waxed Paper, Wood Flooring Underlayment	0.59	
09 64 13 00-0008	SF	15 Lb., Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.66	
09 64 13 00-0009	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.59	
09 64 13 00-0010	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.65	
09 64 13 00-0011	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.51	0.37
09 64 13 00-0012	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.62	0.37
09 64 13 00-0013	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.95	
09 64 13 00-0014	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.17	
09 64 13 00-0015	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.26	
09 64 13 00-0016	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.53	
09 64 13 00-0017	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.55	0.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	13.54	1.15
		For Up To 20, Add	*5.28*	
		For >20 To 50, Add	*2.80*	
		For >50 To 100, Add	*1.40*	
		For >100 To 300, Add	*0.70*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	14.67	1.15
		For Factory Finish, Add	*0.95*	
		For Random Width Floor, Add	*3.41*	
		For Up To 20, Add	*4.54*	
		For >20 To 50, Add	*2.51*	
		For >50 To 100, Add	*1.25*	
		For >100 To 300, Add	*0.63*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	11.73	1.15
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.59*	
		For Up To 20, Add	*4.81*	
		For >20 To 50, Add	*2.53*	
		For >50 To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	12.37	1.15
		For Factory Finish, Add	*0.56*	
		For Random Width Floor, Add	*2.75*	
		For Up To 20, Add	*4.91*	
		For >20 To 50, Add	*2.59*	
		For >50 To 100, Add	*1.30*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	13.34	1.15
		For Factory Finish, Add	*0.66*	
		For Random Width Floor, Add	*3.00*	
		For Up To 20, Add	*5.05*	
		For >20 To 50, Add	*2.69*	
		For >50 To 100, Add	*1.35*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	10.35	1.15
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.33*	
		For Up To 20, Add	*3.89*	
		For >20 To 50, Add	*2.07*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.87	1.15
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.46*	
		For Up To 20, Add	*3.97*	
		For >20 To 50, Add	*2.13*	
		For >50 To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	11.86	1.15
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*2.71*	
		For Up To 20, Add	*4.11*	
		For >20 To 50, Add	*2.22*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	11.84	1.15
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.62*	
		For Up To 20, Add	*4.83*	
		For >20 To 50, Add	*2.54*	
		For >50 To 100, Add	*1.27*	
		For >100 To 300, Add	*0.64*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	12.48	1.15
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.78*	
		For Up To 20, Add	*4.92*	
		For >20 To 50, Add	*2.60*	
		For >50 To 100, Add	*1.30*	
		For >100 To 300, Add	*0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	13.45	1.15
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*3.02*	
		For Up To 20, Add	*5.07*	
		For >20 To 50, Add	*2.70*	
		For >50 To 100, Add	*1.35*	
		For >100 To 300, Add	*0.68*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.46	1.15
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.36*	
		For Up To 20, Add	*3.90*	
		For >20 To 50, Add	*2.08*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	11.11	1.15
		For Factory Finish, Add	*0.59*	
		For Random Width Floor, Add	*2.52*	
		For Up To 20, Add	*4.00*	
		For >20 To 50, Add	*2.15*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.54*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.97	1.15
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.73*	
		For Up To 20, Add	*4.13*	
		For >20 To 50, Add	*2.24*	
		For >50 To 100, Add	*1.12*	
		For >100 To 300, Add	*0.56*	

09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.20	1.15
		For Factory Finish, Add	*0.74*	
		For Random Width Floor, Add	*3.21*	
		For Up To 20, Add	*5.18*	
		For >20 To 50, Add	*2.78*	
		For >50 To 100, Add	*1.39*	
		For >100 To 300, Add	*0.69*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.13	1.15
		For Factory Finish, Add	*0.64*	
		For Random Width Floor, Add	*2.94*	
		For Up To 20, Add	*5.02*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	13.04	1.15
		For Factory Finish, Add	*0.79*	
		For Random Width Floor, Add	*3.00*	
		For Up To 20, Add	*4.29*	
		For >20 To 50, Add	*2.34*	
		For >50 To 100, Add	*1.17*	
		For >100 To 300, Add	*0.59*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.97	1.15
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.73*	
		For Up To 20, Add	*4.13*	
		For >20 To 50, Add	*2.24*	
		For >50 To 100, Add	*1.12*	
		For >100 To 300, Add	*0.56*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	16.52	1.15
		For Factory Finish, Add	*0.97*	
		For Random Width Floor, Add	*3.79*	
		For Up To 20, Add	*5.53*	
		For >20 To 50, Add	*3.01*	
		For >50 To 100, Add	*1.50*	
		For >100 To 300, Add	*0.75*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	15.08	1.15
		For Factory Finish, Add	*0.83*	
		For Random Width Floor, Add	*3.43*	
		For Up To 20, Add	*5.31*	
		For >20 To 50, Add	*2.86*	
		For >50 To 100, Add	*1.43*	
		For >100 To 300, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.51	1.15
		For Factory Finish, Add	*1.03*	
		For Random Width Floor, Add	*3.62*	
		For Up To 20, Add	*4.66*	
		For >20 To 50, Add	*2.59*	
		For >50 To 100, Add	*1.29*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.07	1.15
		For Factory Finish, Add	*0.89*	
		For Random Width Floor, Add	*3.26*	
		For Up To 20, Add	*4.45*	
		For >20 To 50, Add	*2.45*	
		For >50 To 100, Add	*1.22*	
		For >100 To 300, Add	*0.61*	

09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.78	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	15.78	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	15.78	1.15
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	16.17	1.15
		For Up To 20, Add	*4.46*	
		For >20 To 50, Add	*2.52*	
		For >50 To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors Applied On Existing Subfloor *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	13.54	5.77
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	15.62	6.00
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 64 66 00-0004 Wood Gym/Stage/Dance Floor Systems *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	17.81	7.50
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.	18.56	7.50
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.	19.95	7.50
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus) Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.	19.27	7.50
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66 00-0009		SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.	22.41	7.50
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self-leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0002		LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.52	1.21
			For Up To 20, Add	*1.65*	
			For >20 To 40, Add	*0.94*	
			For >40 To 80, Add	*0.35*	
			For >240 To 960, Deduct	*-0.33*	
			For >960, Deduct	*-0.50*	
09 65 13 13-0003		LF	3" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.94	1.21
			For Up To 20, Add	*1.71*	
			For >20 To 40, Add	*0.98*	
			For >40 To 80, Add	*0.37*	
			For >240 To 960, Deduct	*-0.37*	
			For >960, Deduct	*-0.56*	
09 65 13 13-0004		LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.31	1.21
			For Up To 20, Add	*1.76*	
			For >20 To 40, Add	*1.02*	
			For >40 To 80, Add	*0.39*	
			For >240 To 960, Deduct	*-0.41*	
			For >960, Deduct	*-0.62*	
09 65 13 13-0005		LF	4-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.68	1.21
			For Up To 20, Add	*1.82*	
			For >20 To 40, Add	*1.05*	
			For >40 To 80, Add	*0.41*	
			For >240 To 960, Deduct	*-0.45*	
			For >960, Deduct	*-0.67*	
09 65 13 13-0006		LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	7.02	1.21
			For Up To 20, Add	*2.02*	
			For >20 To 40, Add	*1.19*	
			For >40 To 80, Add	*0.47*	
			For >240 To 960, Deduct	*-0.58*	
			For >960, Deduct	*-0.87*	

09 65 13 13-0007 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0008		LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.03	1.21
			For Up To 20, Add	*1.72*	
			For >20 To 40, Add	*0.99*	
			For >40 To 80, Add	*0.37*	
			For >240 To 960, Deduct	*-0.38*	
			For >960, Deduct	*-0.57*	
09 65 13 13-0009		LF	3" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.55	1.21
			For Up To 20, Add	*1.80*	
			For >20 To 40, Add	*1.04*	
			For >40 To 80, Add	*0.40*	
			For >240 To 960, Deduct	*-0.43*	
			For >960, Deduct	*-0.65*	
09 65 13 13-0010		LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.63	1.21
			For Up To 20, Add	*1.81*	
			For >20 To 40, Add	*1.05*	
			For >40 To 80, Add	*0.40*	
			For >240 To 960, Deduct	*-0.44*	
			For >960, Deduct	*-0.66*	
09 65 13 13-0011		LF	4-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	6.03	1.21
			For Up To 20, Add	*1.87*	
			For >20 To 40, Add	*1.09*	
			For >40 To 80, Add	*0.42*	
			For >240 To 960, Deduct	*-0.48*	
			For >960, Deduct	*-0.72*	
09 65 13 13-0012		LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.27	1.21
			For Up To 20, Add	*2.06*	
			For >20 To 40, Add	*1.21*	
			For >40 To 80, Add	*0.48*	
			For >240 To 960, Deduct	*-0.61*	
			For >960, Deduct	*-0.91*	
09 65 13 13-0013		LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.60	1.21
			For Up To 20, Add	*2.41*	
			For >20 To 40, Add	*1.44*	
			For >40 To 80, Add	*0.60*	
			For >240 To 960, Deduct	*-0.84*	
			For >960, Deduct	*-1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0014	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	10.10	1.21
		For Up To 20, Add	*2.48*	
		For >20 To 40, Add	*1.49*	
		For >40 To 80, Add	*0.63*	
		For >240 To 960, Deduct	*-0.89*	
		For >960, Deduct	*-1.33*	
09 65 13 13-0015	LF	4" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	11.66	1.21
		For Up To 20, Add	*2.72*	
		For >20 To 40, Add	*1.65*	
		For >40 To 80, Add	*0.70*	
		For >240 To 960, Deduct	*-1.05*	
		For >960, Deduct	*-1.57*	
09 65 13 13-0016	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	12.70	1.21
		For Up To 20, Add	*2.87*	
		For >20 To 40, Add	*1.75*	
		For >40 To 80, Add	*0.76*	
		For >240 To 960, Deduct	*-1.15*	
		For >960, Deduct	*-1.72*	
09 65 13 13-0017	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	17.85	1.21
		For Up To 20, Add	*3.65*	
		For >20 To 40, Add	*2.27*	
		For >40 To 80, Add	*1.01*	
		For >240 To 960, Deduct	*-1.66*	
		For >960, Deduct	*-2.50*	

09 65 13 13-0018 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0019	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.69	1.45
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.67*	
09 65 13 13-0020	LF	3" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.34	1.45
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.51*	
		For >960, Deduct	*-0.77*	
09 65 13 13-0021	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.71	1.21
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.68*	
09 65 13 13-0022	LF	4-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.12	1.21
		For Up To 20, Add	*1.89*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.49*	
		For >960, Deduct	*-0.74*	
09 65 13 13-0023	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	8.60	1.45
		For Up To 20, Add	*2.45*	
		For >20 To 40, Add	*1.44*	
		For >40 To 80, Add	*0.58*	
		For >240 To 960, Deduct	*-0.71*	
		For >960, Deduct	*-1.07*	

09 65 13 23 Resilient Stair Treads and Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	16.21	1.94
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	17.40	2.08
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	21.10	2.23
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.28	1.94
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	16.04	2.08
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	19.73	2.24
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0010		Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*		
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.91	1.16
09 65 13 23-0012		Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	27.16	1.80
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	32.57	1.94
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	35.24	2.18
09 65 13 23-0016		Vinyl Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0017		Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	18.26	1.77
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	20.19	1.94
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	24.40	2.09
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	10.06	1.16
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.82	0.97
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.83	0.97
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.21	
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		Vinyl Transition Strip *(09 65 13 36)*		
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	2.63	0.87
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	2.33	0.87
		For >240 To 960, Deduct	*-0.17*	
		For >960, Deduct	*-0.26*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.97	0.87
		For >240 To 960, Deduct	*-0.14*	
		For >960, Deduct	*-0.20*	
09 65 13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	3.19	1.21
		For Up To 20, Add	*1.25*	
		For >20 To 40, Add	*0.71*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.22*	
		For >960, Deduct	*-0.33*	
09 65 13 36-0006		Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*		
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	4.00	1.21
		For Up To 20, Add	*1.38*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.30*	
		For >960, Deduct	*-0.45*	
09 65 13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	4.00	1.21
		For Up To 20, Add	*1.38*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.30*	
		For >960, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	4.92	1.21
		For Up To 20, Add	*1.51*	
		For >20 To 40, Add	*0.88*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.40*	
		For >960, Deduct	*-0.59*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	8.17	1.21
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.72*	
		For >960, Deduct	*-1.08*	
09 65 13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	8.19	1.21
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.72*	
		For >960, Deduct	*-1.08*	
09 65 13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	5.40	1.21
		For Up To 20, Add	*1.59*	
		For >20 To 40, Add	*0.93*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.66*	
09 65 13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	7.96	1.21
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.18*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.70*	
		For >960, Deduct	*-1.05*	
09 65 13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	8.25	1.21
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	6.94	1.21
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.90*	
09 65 13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	7.58	1.21
		For Up To 20, Add	*1.91*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.48*	
		For >240 To 960, Deduct	*-0.66*	
		For >960, Deduct	*-0.99*	
09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	8.25	1.21
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	6.81	1.21
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.58*	
		For >960, Deduct	*-0.88*	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	5.75	1.21
		For Up To 20, Add	*1.64*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	8.48	1.21
		For Up To 20, Add	*2.05*	
		For >20 To 40, Add	*1.24*	
		For >40 To 80, Add	*0.52*	
		For >240 To 960, Deduct	*-0.75*	
		For >960, Deduct	*-1.13*	
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	10.94	1.21
		For Up To 20, Add	*2.42*	
		For >20 To 40, Add	*1.48*	
		For >40 To 80, Add	*0.64*	
		For >240 To 960, Deduct	*-1.00*	
		For >960, Deduct	*-1.50*	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.58	1.21
		For Up To 20, Add	*1.61*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.67	1.21
		For Up To 20, Add	*1.63*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.47*	
		For >960, Deduct	*-0.71*	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	6.44	1.21
		For Up To 20, Add	*1.74*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.55*	
		For >960, Deduct	*-0.82*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	11.47	0.73
		For Up To 40, Add	*4.22*	
		For >40 To 100, Add	*2.11*	
		For >1,000, Deduct	*-1.00*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	9.33	0.73
		For Up To 40, Add	*3.79*	
		For >40 To 100, Add	*1.90*	
		For >1,000, Deduct	*-0.79*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	6.01	0.73
		For Up To 40, Add	*3.13*	
		For >40 To 100, Add	*1.56*	
		For >1,000, Deduct	*-0.45*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	7.86	0.73
		For Up To 40, Add	*3.50*	
		For >40 To 100, Add	*1.75*	
		For >1,000, Deduct	*-0.64*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	10.61	0.73
		For Up To 40, Add	*4.05*	
		For >40 To 100, Add	*2.02*	
		For >1,000, Deduct	*-0.91*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	14.74	0.73
		For Up To 40, Add	*4.87*	
		For >40 To 100, Add	*2.44*	
		For >1,000, Deduct	*-1.33*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.89
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	7.34

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	16.16

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	4.37
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.92
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	6.06
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	3.00

09 65 16 33 Rubber Sheet Flooring *(09 65 16)*

09 65 16 33-0001 Rubber Sheet Flooring *(09 65 16 33)*

09 65 16 33-0002	SF	2mm Rubber Sheet Flooring (Nora noraplan® environcare™)	8.59	1.50
09 65 16 33-0003	SF	3mm Rubber Sheet Flooring (Nora noraplan® environcare™)	10.39	1.50
09 65 16 33-0004	SF	2mm Rubber Sheet Flooring (Nora noraplan® sentica™)	8.59	1.50
09 65 16 33-0005	SF	3mm Rubber Sheet Flooring (Nora noraplan® sentica™)	10.39	1.50

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.26	1.45
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
		For 3/32" Thick, Deduct	*-0.25*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	4.10	1.45
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	4.10	1.45
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	6.31	1.45
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.54*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	6.33	1.45
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.54*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	6.75	1.45
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.57*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	6.82	1.45
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.57*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	7.08	1.45
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.59*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	9.49	1.45
		For >1,000 To 3,000, Deduct	*-0.20*	
		For >3,000 To 6,000, Deduct	*-0.44*	
		For >6,000, Deduct	*-0.73*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	10.44	1.45
		For >1,000 To 3,000, Deduct	*-0.22*	
		For >3,000 To 6,000, Deduct	*-0.48*	
		For >6,000, Deduct	*-0.79*	
		For Extra Stock, Material Only, Deduct	*-1.71*	

09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	19.00	1.45
		For >1,000 To 3,000, Deduct	*-0.40*	
		For >3,000 To 6,000, Deduct	*-0.87*	
		For >6,000, Deduct	*-1.41*	
		For Extra Stock, Material Only, Deduct	*-2.88*	
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	14.55	1.45
		For Up To 20, Add	*3.39*	
		For >20 To 40, Add	*2.06*	
		For >40 To 80, Add	*0.88*	
		For >1,000 To 3,000, Deduct	*-0.31*	
		For >3,000 To 6,000, Deduct	*-0.69*	
		For >6,000, Deduct	*-1.15*	
		For Extra Stock, Material Only, Deduct	*-2.88*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*

Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Standard Colors, Solid Vinyl Tile (SVT)	5.83	1.45
		For Up To 20, Add	*1.87*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Marbleized Or Travertine Pattern, Solid Vinyl Tile (SVT)	6.11	1.45
		For Up To 20, Add	*1.91*	
		For >20 To 40, Add	*1.11*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.59*	
09 65 19 23-0005	SF	1/8" Thick, Class 1 Type B, Homogeneous, Slip Retardant, Solid Vinyl Tile (SVT)	6.20	1.45
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.60*	
09 65 19 23-0006		Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*		
09 65 19 23-0007	SF	2.5mm Thick, 40 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Mannington Amtico)	9.71	1.45
		For Up To 20, Add	*2.45*	
		For >20 To 40, Add	*1.47*	
		For >40 To 80, Add	*0.61*	
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.48*	
		For >6,000, Deduct	*-0.81*	
09 65 19 23-0008	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Crete)	5.85	1.94
		For Up To 20, Add	*1.87*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
09 65 19 23-0009	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Jeogori)	6.03	1.94
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.59*	
09 65 19 23-0010	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Grain Direct Glue)	5.68	1.94
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
09 65 19 23-0011	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down Luxury Vinyl Tile (LVT) Plank (Shaw Pigment Direct Glue)	6.02	1.94
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.58*	
09 65 19 23-0012	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 2.5MM)	5.01	1.45
		For Up To 20, Add	*1.74*	
		For >20 To 40, Add	*1.00*	
		For >40 To 80, Add	*0.37*	
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.29*	
		For >6,000, Deduct	*-0.52*	
09 65 19 23-0013	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 5.0MM)	6.58	1.45
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0014	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 2.5MM)	5.81	1.94
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
09 65 19 23-0015	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 5.0MM)	6.59	1.94
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0016	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 2.5MM)	5.81	1.94
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0017	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 5.0MM)	6.59	1.94
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0018	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Inlet II)	6.73	1.94
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.63*	
09 65 19 23-0019	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Cove)	6.73	1.94
		For Up To 20, Add	*2.00*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.63*	
09 65 19 23-0020	SF	6mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Basis)	7.30	1.94
		For Up To 20, Add	*2.09*	
		For >20 To 40, Add	*1.23*	
		For >40 To 80, Add	*0.49*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.38*	
		For >6,000, Deduct	*-0.66*	
09 65 19 23-0021	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Thoughtful)	6.68	1.94
		For Up To 20, Add	*1.99*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.46*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
09 65 19 23-0022	SF	3mm Thick, 30 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Unveil)	5.70	1.94
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.57*	
09 65 19 23-0023	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Abide)	5.30	1.94
		For Up To 20, Add	*1.79*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.39*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.54*	
09 65 19 23-0024	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Solitude)	6.07	1.45
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.43*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.59*	
09 65 19 23-0025	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Strand)	5.45	1.45
		For Up To 20, Add	*1.81*	
		For >20 To 40, Add	*1.04*	
		For >40 To 80, Add	*0.40*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.55*	
09 65 19 23-0026	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 2.5MM)	4.95	1.45
		For Up To 20, Add	*1.73*	
		For >20 To 40, Add	*0.99*	
		For >40 To 80, Add	*0.37*	
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.52*	
09 65 19 23-0027	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 5.0MM)	6.43	1.45
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.61*	
09 65 19 23-0028	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 2.5MM)	4.95	1.45
		For Up To 20, Add	*1.73*	
		For >20 To 40, Add	*0.99*	
		For >40 To 80, Add	*0.37*	
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0029	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 5.0MM)	6.43	1.45
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.61*	
09 65 19 23-0030	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Joy Squared)	5.81	1.45
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.41*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
09 65 19 23-0031	SF	5mm Thick, Luxury Vinyl Tile (LVT) ((Shaw Contract BRUSHWOOD 08765 & COMMINGLE 04350V)	20.01	1.45
		For Up To 20, Add	*3.99*	
		For >20 To 40, Add	*2.50*	
		For >40 To 80, Add	*1.12*	
		For >1,000 To 3,000, Deduct	*-0.41*	
		For >3,000 To 6,000, Deduct	*-0.89*	
		For >6,000, Deduct	*-1.42*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	23.73	0.87
		For Up To 100, Add	*1.28*	
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	28.79	0.97
		For Up To 100, Add	*1.54*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	31.95	1.16
		For Up To 100, Add	*1.71*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*

Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	10.12	1.45
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.47*	
		For >6,000, Deduct	*-0.77*	
		For Extra Stock, Material Only, Deduct	*-1.71*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.47	1.45
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.61*	
		For Extra Stock, Material Only, Deduct	*-1.71*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring *(09 65 23)*

09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.87	0.73
		For Up To 40, Add	*3.30*	
		For >40 To 100, Add	*1.65*	
		For >1,000, Deduct	*-0.54*	
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	8.61	0.73
		For Up To 40, Add	*3.65*	
		For >40 To 100, Add	*1.82*	
		For >1,000, Deduct	*-0.71*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	9.68	0.73
		For Up To 40, Add	*3.86*	
		For >40 To 100, Add	*1.93*	
		For >1,000, Deduct	*-0.82*	
09 65 23 00-0005	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, PVC Free, Resilient Plank Flooring (Shaw Pivot)	5.60	1.45
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.40*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	7.31	1.45
09 65 43 00-0003	SF	2.5 mm, Linoleum Sheet (Forbo Marmoleum)	5.51	0.73
		For 3.2mm Thickness, Add	*0.81*	
		For 2mm Thickness, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 43 00-0004	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	6.90	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	7.84	0.68
		For Colors, Add	*1.37*	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	9.11	0.85
		For Colors, Add	*1.58*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	10.53	1.35
		For Colors, Add	*1.72*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	15.33	1.64
		For Colors, Add	*2.60*	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	42.16	0.68
		For Colors, Add	*5.15*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	61.05	0.68
		For Colors, Add	*7.51*	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	44.54	0.68
		For Colors, Add	*5.45*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	54.83	0.68
		For Colors, Add	*6.73*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	45.80	0.68
		For Colors, Add	*5.60*	

09 65 66 00-0012 Sheet Goods For Gym *(09 65 66)*

09 65 66 00-0013	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	22.98	2.91
09 65 66 00-0014	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	24.31	3.01
09 65 66 00-0015	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	25.55	3.10
09 65 66 00-0016	SF	1/8" Rubber Sheet Good For Gym Floor Base	5.31	2.37
09 65 66 00-0017	SF	3/16" Rubber Sheet Good For Gym Floor Base	5.95	2.71
09 65 66 00-0018	SF	1/4" Rubber Sheet Good For Gym Floor Base	6.85	2.91
09 65 66 00-0019	SF	3/8" Rubber Sheet Good For Gym Floor Base	7.51	3.10
09 65 66 00-0020	SF	1/2" Rubber Sheet Good For Gym Floor Base	7.94	3.30

09 65 66 00-0021 Polyurethane Floor Systems *(09 65 66)*

See CSI section 09 93 23 53-0015 for game lines.

09 65 66 00-0022	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	24.07	1.94

09 65 66 00-0023 Engineered Athletic Flooring Systems (Taraflex) *(09 65 66)*

Note: Excludes concrete repairs to subbase and thresholds.

09 65 66 00-0024	SF	3mm, Engineered Athletic Flooring System (Taraflex Multi-Use 3.0)	16.07	2.00
09 65 66 00-0025	SF	5mm, Engineered Athletic Flooring System (Taraflex Multi-Use 5.0)	17.15	2.00
09 65 66 00-0026	SF	7mm, Engineered Athletic Flooring System (Taraflex Sport M Plus)	20.10	2.00
09 65 66 00-0027	SF	7mm, Engineered Athletic Flooring System (Taraflex Sport M Plus Drytex)	24.36	2.00
09 65 66 00-0028	SF	9mm, Engineered Athletic Flooring System (Taraflex Sport Performance Plus)	20.43	2.00
09 65 66 00-0029	SF	Slip Sheet Membrane For Engineered Athletic Flooring Systems (Taraflex Isolsport)	3.75	0.75
09 65 66 00-0030	EA	Lines For Engineered Athletic Flooring Systems, Per Sport (Taraflex) Note: Lines priced per sport for a standard sized gym floor (approximately 5,000 SF).	822.22	

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001 Floors Not Bonded To Concrete *(09 66 13 13)*

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	34.86	3.11
		For Venetian Type Terrazzo, Add	*9.14*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.14*	
		For Colors, Add	*4.57*	
		For Up To 100, Add	*8.46*	
		For >100 To 250, Add	*4.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	35.03	3.11
		For Venetian Type Terrazzo, Add	*9.23*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.23*	
		For Colors, Add	*4.61*	
		For Up To 100, Add	*8.48*	
		For >100 To 250, Add	*4.24*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001 Monolithic Terrazzo *(09 66 13 16)*

09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping Note: Including Mesh And Felt	19.33	3.11
		For Venetian Type Terrazzo, Add	*6.66*	
		For Abrasive Heavy-Duty Terrazzo, Add	*6.66*	
		For Colors, Add	*3.33*	
		For Up To 100, Add	*3.74*	
		For >100 To 250, Add	*1.87*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001 Floors Bonded To Concrete *(09 66 13 19)*

Note: 1-3/4" Thick - 5/8" topping.

09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	27.82	3.11
		For Venetian Type Terrazzo, Add	*7.54*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.54*	
		For Colors, Add	*3.77*	
		For Up To 100, Add	*6.60*	
		For >100 To 250, Add	*3.30*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	28.00	3.11
		For Venetian Type Terrazzo, Add	*7.63*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.63*	
		For Colors, Add	*3.82*	
		For Up To 100, Add	*6.62*	
		For >100 To 250, Add	*3.31*	

09 66 13 19-0004 Terrazzo Wainscot *(09 66 13 19)*

09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	37.38	4.15
		For Venetian Type Terrazzo, Add	*4.88*	

09 66 13 19-0006 Terrazzo Base *(09 66 13 19)*

09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	36.68	2.77
		For Venetian Type Terrazzo, Add	*10.65*	

09 66 13 19-0008 Terrazzo Curb *(09 66 13 19)*

09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	89.93	18.46
		For Venetian Type Terrazzo, Add	*14.20*	

09 66 13 19-0010 Stairs Cast In Place *(09 66 13 19)*

Note: Topping applied to concrete or metal.

09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	38.10	6.21
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	95.09	20.71
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	38.64	6.21
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	

09 66 13 19-0014 Divider Strips *(09 66 13 19)*

09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	5.79	1.04
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	6.46	1.04
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	8.97	1.04
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	13.22	1.04
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	5.57	1.04
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	8.26	1.04
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	6.45	1.04

09 66 16 Terrazzo Floor Tile *(09 66)*

09 66 16 13 Portland Cement Terrazzo Floor Tile *(09 66 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0001		**Flooring Tiles** *(09 66 16 13)* Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002		**Terrazzo Tiles With Non-Slip Surface** *(09 66 16 13-0001)*		
09 66 16 13-0003	SF	9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	32.12	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	32.77	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	37.91	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	40.49	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	42.29	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		**Terrazzo Tile Thin Set** *(09 66 16 13-0001)*		
09 66 16 13-0009	SF	Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	31.77	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed	33.85	3.01
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		**Thin Set Terrazzo Wainscot** *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	45.67	5.54
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	52.00	5.54
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		**Thin Set Terrazzo Base, Gray Cement** *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	15.41	2.77
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	17.34	2.77
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	18.04	2.77
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	19.00	2.77
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		**Terrazzo Curbs** *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	30.20	3.69
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	29.24	3.69
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		**Precast Terrazzo Stair Treads 12" Wide** *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	77.31	3.69
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface	65.73	3.69
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	58.01	3.69
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	68.06	3.69
09 66 16 13-0027		**Stair Risers, 1" Thick To 6" High, Straight** *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	34.69	2.77
09 66 16 13-0029	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	40.48	2.77
09 66 16 13-0030		**Stair Risers, 1" Thick To 6" High, Curved** *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	51.51	2.77
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	55.37	2.77
09 66 16 13-0033		**Tread And Riser** *(09 66 16 13)*		
09 66 16 13-0034		**Stair Stringers, Notched For Treads And Risers** *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	85.80	7.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	103.71	7.39
09 66 16 13-0037		Structural Non-Slip Landings *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	61.97	3.69
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	76.55	3.69
09 66 16 13-0040		Combined Tread And Riser *(09 66 16 13-0033)*		
09 66 16 13-0041		Straight Sections *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	136.47	7.39
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	163.49	7.39
09 66 16 13-0044		Curved Sections *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	171.64	7.39
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	217.96	7.39
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*		
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*		
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	26.55	3.11
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*		
		Note: For anti-static areas.		
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*		
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Spark Proof, Conductive, Industrial	26.85	4.62
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Spark Proof, Conductive, Industrial	49.32	4.62
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*		
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Spark Proof, Conductive, Industrial	20.46	4.62
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Spark Proof, Conductive, Industrial	35.71	4.62
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*		
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Spark Proof, Conductive, Industrial	22.80	4.62
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Spark Proof, Conductive, Industrial	44.30	4.62
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Spark Proof, Conductive, Industrial	33.46	4.62
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Spark Proof, Conductive, Industrial	37.79	4.62
09 67		**Fluid-Applied Flooring** *(09 60)*		
09 67 16		**Epoxy-Marble Chip Flooring** *(09 67)*		
09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*		
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base	18.27	3.11
		Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.		
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy-Duty Epoxy	19.52	3.11
		Note: Includes primer, 3/16" marble chip coat and top seal coat.		
		For Skid Resistant Abrasive Sand Finish, Add	*0.10*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.10*	
09 67 23		**Resinous Flooring** *(09 67)*		
09 67 23 00-0001		Epoxy Resin Flooring *(09 67 23)*		
		Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two-pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.		
09 67 23 00-0002	SF	3/16" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound	14.06	7.04
		Note: Includes primer, one 3/16" slurry coat and top seal coats (color).		
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*	
		For Up To 500, Add	*2.69*	
		For >500 To 1,000, Add	*1.69*	
		For >1,000 To 2,000, Add	*0.85*	
		For >10,000, Deduct	*-0.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0003	SF	3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color).	21.04	7.04
		For Skid Resistant Abrasive Sand Finish, Add	*0.13*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.13*	
		For Up To 500, Add	*4.43*	
		For >500 To 1,000, Add	*2.74*	
		For >1,000 To 2,000, Add	*1.37*	
		For >10,000, Deduct	*-1.26*	
09 67 23 00-0004	SF	1/4" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	16.78	7.87
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*	
		For Up To 500, Add	*3.16*	
		For >500 To 1,000, Add	*2.00*	
		For >1,000 To 2,000, Add	*1.00*	
		For >10,000, Deduct	*-1.10*	
09 67 23 00-0005	SF	1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	24.77	7.87
		For Skid Resistant Abrasive Sand Finish, Add	*0.14*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.14*	
		For Up To 500, Add	*5.16*	
		For >500 To 1,000, Add	*3.20*	
		For >1,000 To 2,000, Add	*1.60*	
		For >10,000, Deduct	*-1.50*	
09 67 23 00-0006	SF	3/8" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	18.94	8.81
		For Skid Resistant Abrasive Sand Finish, Add	*0.07*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.07*	
		For Up To 500, Add	*3.59*	
		For >500 To 1,000, Add	*2.27*	
		For >1,000 To 2,000, Add	*1.13*	
		For >10,000, Deduct	*-1.23*	
09 67 23 00-0007	SF	3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	27.42	8.81
		For Skid Resistant Abrasive Sand Finish, Add	*0.16*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.16*	
		For Up To 500, Add	*5.71*	
		For >500 To 1,000, Add	*3.54*	
		For >1,000 To 2,000, Add	*1.77*	
		For >10,000, Deduct	*-1.66*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue (releasable mastic) or peel and stick backing.

09 68 13 00-0002 Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*

09 68 13 00-0003 15 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0004	SY	COMPANION STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900 To 1,500, Deduct	*-2.08*	
		For >1,500 To 2,200, Deduct	*-3.07*	
		For >2,200 To 3,500, Deduct	*-4.02*	
		For >3,500, Deduct	*-4.97*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0005	SY	CORRESPOND STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900 To 1,500, Deduct	*-2.08*	
		For >1,500 To 2,200, Deduct	*-3.07*	
		For >2,200 To 3,500, Deduct	*-4.02*	
		For >3,500, Deduct	*-4.97*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0006	SY	PARTNER STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900 To 1,500, Deduct	*-2.08*	
		For >1,500 To 2,200, Deduct	*-3.07*	
		For >2,200 To 3,500, Deduct	*-4.02*	
		For >3,500, Deduct	*-4.97*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0007	SY	CENTRIC ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.75	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.69*	
		For >900 To 1,500, Deduct	*-2.49*	
		For >1,500 To 2,200, Deduct	*-3.66*	
		For >2,200 To 3,500, Deduct	*-4.75*	
		For >3,500, Deduct	*-5.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0008	SY	SURROUND ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.75	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.69*	
		For >900 To 1,500, Deduct	*-2.49*	
		For >1,500 To 2,200, Deduct	*-3.66*	
		For >2,200 To 3,500, Deduct	*-4.75*	
		For >3,500, Deduct	*-5.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0009	SY	GLAZE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.03	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.65*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.72*	
		For >1,500 To 2,200, Deduct	*-3.99*	
		For >2,200 To 3,500, Deduct	*-5.16*	
		For >3,500, Deduct	*-6.34*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0010	SY	TRANSPARENT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.50	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.04*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0011	SY	CLEAR ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.48	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.03*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0012	SY	DIRECTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.86*	
		For >1,500 To 2,200, Deduct	*-4.19*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0013	SY	REVERSE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.86*	
		For >1,500 To 2,200, Deduct	*-4.19*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0014	SY	SHAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.86*	
		For >1,500 To 2,200, Deduct	*-4.19*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0015	SY	ARRANGE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.57	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.67*	
		For >600 To 900, Deduct	*-1.33*	
		For >900 To 1,500, Deduct	*-1.99*	
		For >1,500 To 2,200, Deduct	*-2.94*	
		For >2,200 To 3,500, Deduct	*-3.86*	
		For >3,500, Deduct	*-4.77*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0016	SY	ARRAY STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.57	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.67*	
		For >600 To 900, Deduct	*-1.33*	
		For >900 To 1,500, Deduct	*-1.99*	
		For >1,500 To 2,200, Deduct	*-2.94*	
		For >2,200 To 3,500, Deduct	*-3.86*	
		For >3,500, Deduct	*-4.77*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0017	SY	OFFSET STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.57	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.67*	
		For >600 To 900, Deduct	*-1.33*	
		For >900 To 1,500, Deduct	*-1.99*	
		For >1,500 To 2,200, Deduct	*-2.94*	
		For >2,200 To 3,500, Deduct	*-3.86*	
		For >3,500, Deduct	*-4.77*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0018	SY	STRUCTURE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.57	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.67*	
		For >600 To 900, Deduct	*-1.33*	
		For >900 To 1,500, Deduct	*-1.99*	
		For >1,500 To 2,200, Deduct	*-2.94*	
		For >2,200 To 3,500, Deduct	*-3.86*	
		For >3,500, Deduct	*-4.77*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0019	SY	POURED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.58	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.57*	
		For >400 To 600, Deduct	*-0.85*	
		For >600 To 900, Deduct	*-1.63*	
		For >900 To 1,500, Deduct	*-2.41*	
		For >1,500 To 2,200, Deduct	*-3.54*	
		For >2,200 To 3,500, Deduct	*-4.61*	
		For >3,500, Deduct	*-5.67*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0020	SY	STACKED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.58	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.57*	
		For >400 To 600, Deduct	*-0.85*	
		For >600 To 900, Deduct	*-1.63*	
		For >900 To 1,500, Deduct	*-2.41*	
		For >1,500 To 2,200, Deduct	*-3.54*	
		For >2,200 To 3,500, Deduct	*-4.61*	
		For >3,500, Deduct	*-5.67*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0021	SY	COMMONS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.67	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.68*	
		For >900 To 1,500, Deduct	*-2.49*	
		For >1,500 To 2,200, Deduct	*-3.65*	
		For >2,200 To 3,500, Deduct	*-4.74*	
		For >3,500, Deduct	*-5.84*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0022	SY	MAKERSPACE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.67	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.68*	
		For >900 To 1,500, Deduct	*-2.49*	
		For >1,500 To 2,200, Deduct	*-3.65*	
		For >2,200 To 3,500, Deduct	*-4.74*	
		For >3,500, Deduct	*-5.84*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0023	SY	QUAD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.67	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.68*	
		For >900 To 1,500, Deduct	*-2.49*	
		For >1,500 To 2,200, Deduct	*-3.65*	
		For >2,200 To 3,500, Deduct	*-4.74*	
		For >3,500, Deduct	*-5.84*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0024	SY	DIFFUSE 24" X 24" ECOLOGIX® 15 Ounce, Patterned, Nylon Carpet Tile	47.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.99*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.03*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.40*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0025	SY	DIFFUSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	45.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.77*	
		For >900 To 1,500, Deduct	*-2.61*	
		For >1,500 To 2,200, Deduct	*-3.83*	
		For >2,200 To 3,500, Deduct	*-4.97*	
		For >3,500, Deduct	*-6.10*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0026	SY	DISPERSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	45.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.77*	
		For >900 To 1,500, Deduct	*-2.61*	
		For >1,500 To 2,200, Deduct	*-3.83*	
		For >2,200 To 3,500, Deduct	*-4.97*	
		For >3,500, Deduct	*-6.10*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0027	SY	DISPERSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.02	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.65*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.72*	
		For >1,500 To 2,200, Deduct	*-3.99*	
		For >2,200 To 3,500, Deduct	*-5.16*	
		For >3,500, Deduct	*-6.34*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0028	SY	DIFFUSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.35	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.99*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.74*	
		For >1,500 To 2,200, Deduct	*-4.02*	
		For >2,200 To 3,500, Deduct	*-5.20*	
		For >3,500, Deduct	*-6.39*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0029	SY	INFINITE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.73*	
		For >1,500 To 2,200, Deduct	*-4.00*	
		For >2,200 To 3,500, Deduct	*-5.17*	
		For >3,500, Deduct	*-6.35*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0030	SY	VAST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.73*	
		For >1,500 To 2,200, Deduct	*-4.00*	
		For >2,200 To 3,500, Deduct	*-5.17*	
		For >3,500, Deduct	*-6.35*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0031	SY	TANGLE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.90	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.01*	
		For >600 To 900, Deduct	*-1.89*	
		For >900 To 1,500, Deduct	*-2.78*	
		For >1,500 To 2,200, Deduct	*-4.08*	
		For >2,200 To 3,500, Deduct	*-5.27*	
		For >3,500, Deduct	*-6.47*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0032	SY	TEMPT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.90	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.01*	
		For >600 To 900, Deduct	*-1.89*	
		For >900 To 1,500, Deduct	*-2.78*	
		For >1,500 To 2,200, Deduct	*-4.08*	
		For >2,200 To 3,500, Deduct	*-5.27*	
		For >3,500, Deduct	*-6.47*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0033	SY	ENGAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	50.95	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.05*	
		For >900 To 1,500, Deduct	*-2.99*	
		For >1,500 To 2,200, Deduct	*-4.38*	
		For >2,200 To 3,500, Deduct	*-5.65*	
		For >3,500, Deduct	*-6.93*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0034	SY	THINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	50.95	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.05*	
		For >900 To 1,500, Deduct	*-2.99*	
		For >1,500 To 2,200, Deduct	*-4.38*	
		For >2,200 To 3,500, Deduct	*-5.65*	
		For >3,500, Deduct	*-6.93*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0035	SY	DIFFUSE 24" X 24" ECOLOGIX® ES 15 Ounce, Patterned, Nylon Carpet Tile	51.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.05*	
		For >900 To 1,500, Deduct	*-3.00*	
		For >1,500 To 2,200, Deduct	*-4.39*	
		For >2,200 To 3,500, Deduct	*-5.67*	
		For >3,500, Deduct	*-6.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0036	SY	SCAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.06*	
		For >600 To 900, Deduct	*-1.99*	
		For >900 To 1,500, Deduct	*-2.91*	
		For >1,500 To 2,200, Deduct	*-4.26*	
		For >2,200 To 3,500, Deduct	*-5.51*	
		For >3,500, Deduct	*-6.75*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0037	SY	REALM ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-1.99*	
		For >900 To 1,500, Deduct	*-2.92*	
		For >1,500 To 2,200, Deduct	*-4.27*	
		For >2,200 To 3,500, Deduct	*-5.52*	
		For >3,500, Deduct	*-6.76*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0038	SY	SEA ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	45.27	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.76*	
		For >900 To 1,500, Deduct	*-2.60*	
		For >1,500 To 2,200, Deduct	*-3.81*	
		For >2,200 To 3,500, Deduct	*-4.94*	
		For >3,500, Deduct	*-6.08*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0039	SY	SEA EDGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	45.27	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.76*	
		For >900 To 1,500, Deduct	*-2.60*	
		For >1,500 To 2,200, Deduct	*-3.81*	
		For >2,200 To 3,500, Deduct	*-4.94*	
		For >3,500, Deduct	*-6.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0040	SY	SKY ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	45.27	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.76*	
		For >900 To 1,500, Deduct	*-2.60*	
		For >1,500 To 2,200, Deduct	*-3.81*	
		For >2,200 To 3,500, Deduct	*-4.94*	
		For >3,500, Deduct	*-6.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0041	SY	CENTRAL LINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.64	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.88*	
		For >900 To 1,500, Deduct	*-2.76*	
		For >1,500 To 2,200, Deduct	*-4.05*	
		For >2,200 To 3,500, Deduct	*-5.24*	
		For >3,500, Deduct	*-6.43*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0042	SY	CITY CENTRAL ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.64	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.88*	
		For >900 To 1,500, Deduct	*-2.76*	
		For >1,500 To 2,200, Deduct	*-4.05*	
		For >2,200 To 3,500, Deduct	*-5.24*	
		For >3,500, Deduct	*-6.43*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0043	SY	BOUNDLESS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.50	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.04*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0044	SY	SOURCE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.50	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.04*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0045	SY	UNDERTONE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	46.68	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.65*	
		For >400 To 600, Deduct	*-0.97*	
		For >600 To 900, Deduct	*-1.83*	
		For >900 To 1,500, Deduct	*-2.70*	
		For >1,500 To 2,200, Deduct	*-3.95*	
		For >2,200 To 3,500, Deduct	*-5.12*	
		For >3,500, Deduct	*-6.29*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0046	SY	HYBRID ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	48.00	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.01*	
		For >600 To 900, Deduct	*-1.90*	
		For >900 To 1,500, Deduct	*-2.79*	
		For >1,500 To 2,200, Deduct	*-4.09*	
		For >2,200 To 3,500, Deduct	*-5.29*	
		For >3,500, Deduct	*-6.49*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0047	SY	CATALYST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	48.00	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.01*	
		For >600 To 900, Deduct	*-1.90*	
		For >900 To 1,500, Deduct	*-2.79*	
		For >1,500 To 2,200, Deduct	*-4.09*	
		For >2,200 To 3,500, Deduct	*-5.29*	
		For >3,500, Deduct	*-6.49*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0048	SY	EMBARK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	47.74	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.89*	
		For >900 To 1,500, Deduct	*-2.77*	
		For >1,500 To 2,200, Deduct	*-4.06*	
		For >2,200 To 3,500, Deduct	*-5.25*	
		For >3,500, Deduct	*-6.45*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0049	SY	TINGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	48.20	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.68*	
		For >400 To 600, Deduct	*-1.02*	
		For >600 To 900, Deduct	*-1.91*	
		For >900 To 1,500, Deduct	*-2.80*	
		For >1,500 To 2,200, Deduct	*-4.11*	
		For >2,200 To 3,500, Deduct	*-5.31*	
		For >3,500, Deduct	*-6.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0050	SY	IMPACT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	48.68	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.69*	
		For >400 To 600, Deduct	*-1.03*	
		For >600 To 900, Deduct	*-1.93*	
		For >900 To 1,500, Deduct	*-2.84*	
		For >1,500 To 2,200, Deduct	*-4.15*	
		For >2,200 To 3,500, Deduct	*-5.37*	
		For >3,500, Deduct	*-6.59*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0051	SY	ALLURE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.87*	
		For >1,500 To 2,200, Deduct	*-4.20*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0052	SY	GLIMMER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.87*	
		For >1,500 To 2,200, Deduct	*-4.20*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0053	SY	SHINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	49.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.70*	
		For >400 To 600, Deduct	*-1.04*	
		For >600 To 900, Deduct	*-1.95*	
		For >900 To 1,500, Deduct	*-2.87*	
		For >1,500 To 2,200, Deduct	*-4.20*	
		For >2,200 To 3,500, Deduct	*-5.42*	
		For >3,500, Deduct	*-6.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0054	SY	BASALT II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	52.12	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.50*	
		For >2,200 To 3,500, Deduct	*-5.80*	
		For >3,500, Deduct	*-7.10*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0055	SY	FAULT LINES II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	52.12	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.50*	
		For >2,200 To 3,500, Deduct	*-5.80*	
		For >3,500, Deduct	*-7.10*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0056	SY	GRAVEL II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	52.12	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.50*	
		For >2,200 To 3,500, Deduct	*-5.80*	
		For >3,500, Deduct	*-7.10*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0057	SY	PAVERS II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	52.12	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.50*	
		For >2,200 To 3,500, Deduct	*-5.80*	
		For >3,500, Deduct	*-7.10*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0058	SY	CONNECT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	52.39	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.12*	
		For >900 To 1,500, Deduct	*-3.10*	
		For >1,500 To 2,200, Deduct	*-4.52*	
		For >2,200 To 3,500, Deduct	*-5.83*	
		For >3,500, Deduct	*-7.14*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0059	SY	FIELD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	50.83	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.04*	
		For >900 To 1,500, Deduct	*-2.99*	
		For >1,500 To 2,200, Deduct	*-4.37*	
		For >2,200 To 3,500, Deduct	*-5.64*	
		For >3,500, Deduct	*-6.91*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0060	SY	BYLINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	51.25	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.06*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.41*	
		For >2,200 To 3,500, Deduct	*-5.69*	
		For >3,500, Deduct	*-6.97*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0061	SY	COLOR FORM 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	51.02	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.05*	
		For >900 To 1,500, Deduct	*-3.00*	
		For >1,500 To 2,200, Deduct	*-4.39*	
		For >2,200 To 3,500, Deduct	*-5.66*	
		For >3,500, Deduct	*-6.94*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0062	SY	LINAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	51.33	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.07*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.42*	
		For >2,200 To 3,500, Deduct	*-5.70*	
		For >3,500, Deduct	*-6.99*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0063	SY	LINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	51.33	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.07*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.42*	
		For >2,200 To 3,500, Deduct	*-5.70*	
		For >3,500, Deduct	*-6.99*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0064	SY	BALANCE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	56.48	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1,500, Deduct	*-3.38*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.35*	
		For >3,500, Deduct	*-7.76*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0065	SY	FOCUS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	56.88	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.34*	
		For >900 To 1,500, Deduct	*-3.41*	
		For >1,500 To 2,200, Deduct	*-4.97*	
		For >2,200 To 3,500, Deduct	*-6.40*	
		For >3,500, Deduct	*-7.82*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0066	SY	WANDER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	55.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.79*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.54*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0067	SY	EMOTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	55.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.25*	
		For >600 To 900, Deduct	*-2.30*	
		For >900 To 1,500, Deduct	*-3.35*	
		For >1,500 To 2,200, Deduct	*-4.88*	
		For >2,200 To 3,500, Deduct	*-6.28*	
		For >3,500, Deduct	*-7.68*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0068	SY	STRAIGHTFORWARD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	56.68	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.33*	
		For >900 To 1,500, Deduct	*-3.40*	
		For >1,500 To 2,200, Deduct	*-4.95*	
		For >2,200 To 3,500, Deduct	*-6.37*	
		For >3,500, Deduct	*-7.79*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0069 18 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0070	SY	BELONG ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.51	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.58*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.68*	
		For >900 To 1,500, Deduct	*-2.47*	
		For >1,500 To 2,200, Deduct	*-3.64*	
		For >2,200 To 3,500, Deduct	*-4.72*	
		For >3,500, Deduct	*-5.81*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0071	SY	EASE 9" X 36" ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	47.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.72*	
		For >1,500 To 2,200, Deduct	*-3.99*	
		For >2,200 To 3,500, Deduct	*-5.17*	
		For >3,500, Deduct	*-6.35*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0072	SY	INTERLUDE ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	47.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.98*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.72*	
		For >1,500 To 2,200, Deduct	*-3.99*	
		For >2,200 To 3,500, Deduct	*-5.17*	
		For >3,500, Deduct	*-6.35*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0073	SY	CHALET 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	47.69	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.88*	
		For >900 To 1,500, Deduct	*-2.77*	
		For >1,500 To 2,200, Deduct	*-4.05*	
		For >2,200 To 3,500, Deduct	*-5.25*	
		For >3,500, Deduct	*-6.44*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0074	SY	ANALOG 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	55.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.79*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0075	SY	DISTORT 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	55.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.79*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0076	SY	FRINGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.21	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.51*	
		For >2,200 To 3,500, Deduct	*-5.81*	
		For >3,500, Deduct	*-7.12*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0077	SY	GLITCH 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	55.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.79*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0078	SY	HAZE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.21	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.51*	
		For >2,200 To 3,500, Deduct	*-5.81*	
		For >3,500, Deduct	*-7.12*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0079	SY	MANIPULATE 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	55.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.79*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0080	SY	VAPOR ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.21	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.51*	
		For >2,200 To 3,500, Deduct	*-5.81*	
		For >3,500, Deduct	*-7.12*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0081	SY	CONSTRUCT ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.88	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.13*	
		For >1,500 To 2,200, Deduct	*-4.57*	
		For >2,200 To 3,500, Deduct	*-5.90*	
		For >3,500, Deduct	*-7.22*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0082	SY	COPY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.88	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.13*	
		For >1,500 To 2,200, Deduct	*-4.57*	
		For >2,200 To 3,500, Deduct	*-5.90*	
		For >3,500, Deduct	*-7.22*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0083	SY	ROTATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.88	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.13*	
		For >1,500 To 2,200, Deduct	*-4.57*	
		For >2,200 To 3,500, Deduct	*-5.90*	
		For >3,500, Deduct	*-7.22*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0084	SY	ACHROMATIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	52.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.13*	
		For >1,500 To 2,200, Deduct	*-4.57*	
		For >2,200 To 3,500, Deduct	*-5.89*	
		For >3,500, Deduct	*-7.21*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0085	SY	DUOTONE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	56.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1,500, Deduct	*-3.38*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.34*	
		For >3,500, Deduct	*-7.75*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0086	SY	SATURATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	56.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1,500, Deduct	*-3.38*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.34*	
		For >3,500, Deduct	*-7.75*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0087	SY	VALUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	56.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1,500, Deduct	*-3.38*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.34*	
		For >3,500, Deduct	*-7.75*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0088	SY	KINETIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	59.40	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.35*	
		For >600 To 900, Deduct	*-2.47*	
		For >900 To 1,500, Deduct	*-3.59*	
		For >1,500 To 2,200, Deduct	*-5.23*	
		For >2,200 To 3,500, Deduct	*-6.71*	
		For >3,500, Deduct	*-8.20*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0089	SY	IGNITE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	59.85	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.91*	
		For >400 To 600, Deduct	*-1.37*	
		For >600 To 900, Deduct	*-2.49*	
		For >900 To 1,500, Deduct	*-3.62*	
		For >1,500 To 2,200, Deduct	*-5.27*	
		For >2,200 To 3,500, Deduct	*-6.77*	
		For >3,500, Deduct	*-8.26*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0090	SY	MERGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	60.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.54*	
		For >900 To 1,500, Deduct	*-3.69*	
		For >1,500 To 2,200, Deduct	*-5.37*	
		For >2,200 To 3,500, Deduct	*-6.89*	
		For >3,500, Deduct	*-8.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0091	SY	MINIMAL ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	60.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.54*	
		For >900 To 1,500, Deduct	*-3.69*	
		For >1,500 To 2,200, Deduct	*-5.37*	
		For >2,200 To 3,500, Deduct	*-6.89*	
		For >3,500, Deduct	*-8.41*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0092	SY	DREAM ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.89*	
		For >600 To 900, Deduct	*-1.69*	
		For >900 To 1,500, Deduct	*-2.50*	
		For >1,500 To 2,200, Deduct	*-3.67*	
		For >2,200 To 3,500, Deduct	*-4.77*	
		For >3,500, Deduct	*-5.86*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0093	SY	MEMORY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	44.11	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.89*	
		For >600 To 900, Deduct	*-1.71*	
		For >900 To 1,500, Deduct	*-2.52*	
		For >1,500 To 2,200, Deduct	*-3.70*	
		For >2,200 To 3,500, Deduct	*-4.80*	
		For >3,500, Deduct	*-5.90*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0094	SY	CAPTIVATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	51.27	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.06*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.41*	
		For >2,200 To 3,500, Deduct	*-5.69*	
		For >3,500, Deduct	*-6.98*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0095	SY	INTRIGUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	51.82	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.09*	
		For >900 To 1,500, Deduct	*-3.06*	
		For >1,500 To 2,200, Deduct	*-4.47*	
		For >2,200 To 3,500, Deduct	*-5.76*	
		For >3,500, Deduct	*-7.06*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0096	SY	MIRROR IMAGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	56.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1,500, Deduct	*-3.38*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.34*	
		For >3,500, Deduct	*-7.75*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0097	SY	PRISMA ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	56.63	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.33*	
		For >900 To 1,500, Deduct	*-3.39*	
		For >1,500 To 2,200, Deduct	*-4.95*	
		For >2,200 To 3,500, Deduct	*-6.36*	
		For >3,500, Deduct	*-7.78*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0098 20 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0099	SY	AWARE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	49.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-1.99*	
		For >900 To 1,500, Deduct	*-2.92*	
		For >1,500 To 2,200, Deduct	*-4.27*	
		For >2,200 To 3,500, Deduct	*-5.52*	
		For >3,500, Deduct	*-6.76*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0100	SY	CONSCIOUS 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	49.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.00*	
		For >900 To 1,500, Deduct	*-2.93*	
		For >1,500 To 2,200, Deduct	*-4.28*	
		For >2,200 To 3,500, Deduct	*-5.53*	
		For >3,500, Deduct	*-6.78*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0101	SY	INTENTION 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	49.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.06*	
		For >600 To 900, Deduct	*-1.98*	
		For >900 To 1,500, Deduct	*-2.90*	
		For >1,500 To 2,200, Deduct	*-4.25*	
		For >2,200 To 3,500, Deduct	*-5.49*	
		For >3,500, Deduct	*-6.73*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0102	SY	PRESENT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	49.86	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-1.99*	
		For >900 To 1,500, Deduct	*-2.92*	
		For >1,500 To 2,200, Deduct	*-4.27*	
		For >2,200 To 3,500, Deduct	*-5.52*	
		For >3,500, Deduct	*-6.76*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0103	SY	MOMENTUM IV ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	47.41	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.99*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.75*	
		For >1,500 To 2,200, Deduct	*-4.03*	
		For >2,200 To 3,500, Deduct	*-5.21*	
		For >3,500, Deduct	*-6.40*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0104	SY	GRADIENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	52.15	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.08*	
		For >1,500 To 2,200, Deduct	*-4.50*	
		For >2,200 To 3,500, Deduct	*-5.80*	
		For >3,500, Deduct	*-7.11*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0105	SY	PETO II 20 ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	50.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.08*	
		For >600 To 900, Deduct	*-2.01*	
		For >900 To 1,500, Deduct	*-2.95*	
		For >1,500 To 2,200, Deduct	*-4.31*	
		For >2,200 To 3,500, Deduct	*-5.57*	
		For >3,500, Deduct	*-6.83*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0106	SY	FLAT WEAVE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	53.69	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.79*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.18*	
		For >900 To 1,500, Deduct	*-3.19*	
		For >1,500 To 2,200, Deduct	*-4.65*	
		For >2,200 To 3,500, Deduct	*-6.00*	
		For >3,500, Deduct	*-7.34*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0107	SY	HEDDLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	53.69	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.79*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.18*	
		For >900 To 1,500, Deduct	*-3.19*	
		For >1,500 To 2,200, Deduct	*-4.65*	
		For >2,200 To 3,500, Deduct	*-6.00*	
		For >3,500, Deduct	*-7.34*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0108	SY	CONVENE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	54.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.80*	
		For >400 To 600, Deduct	*-1.20*	
		For >600 To 900, Deduct	*-2.22*	
		For >900 To 1,500, Deduct	*-3.24*	
		For >1,500 To 2,200, Deduct	*-4.73*	
		For >2,200 To 3,500, Deduct	*-6.09*	
		For >3,500, Deduct	*-7.45*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0109	SY	ESTABLISH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	54.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.80*	
		For >400 To 600, Deduct	*-1.20*	
		For >600 To 900, Deduct	*-2.22*	
		For >900 To 1,500, Deduct	*-3.24*	
		For >1,500 To 2,200, Deduct	*-4.73*	
		For >2,200 To 3,500, Deduct	*-6.09*	
		For >3,500, Deduct	*-7.45*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0110	SY	SUPPORT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	54.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.80*	
		For >400 To 600, Deduct	*-1.20*	
		For >600 To 900, Deduct	*-2.22*	
		For >900 To 1,500, Deduct	*-3.24*	
		For >1,500 To 2,200, Deduct	*-4.73*	
		For >2,200 To 3,500, Deduct	*-6.09*	
		For >3,500, Deduct	*-7.45*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0111	SY	AWARE 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	55.11	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0112	SY	CONSCIOUS 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	54.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.21*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.26*	
		For >1,500 To 2,200, Deduct	*-4.76*	
		For >2,200 To 3,500, Deduct	*-6.13*	
		For >3,500, Deduct	*-7.50*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0113	SY	INTENTION 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	54.92	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.78*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0114	SY	PRESENT 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	55.11	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.17*	
		For >3,500, Deduct	*-7.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0115	SY	DASH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	55.54	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.28*	
		For >900 To 1,500, Deduct	*-3.32*	
		For >1,500 To 2,200, Deduct	*-4.84*	
		For >2,200 To 3,500, Deduct	*-6.23*	
		For >3,500, Deduct	*-7.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0116	SY	TRACK ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	55.54	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.28*	
		For >900 To 1,500, Deduct	*-3.32*	
		For >1,500 To 2,200, Deduct	*-4.84*	
		For >2,200 To 3,500, Deduct	*-6.23*	
		For >3,500, Deduct	*-7.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0117	SY	TURN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	55.54	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.28*	
		For >900 To 1,500, Deduct	*-3.32*	
		For >1,500 To 2,200, Deduct	*-4.84*	
		For >2,200 To 3,500, Deduct	*-6.23*	
		For >3,500, Deduct	*-7.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0118	SY	AUGMENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	52.77	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.15*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.12*	
		For >1,500 To 2,200, Deduct	*-4.56*	
		For >2,200 To 3,500, Deduct	*-5.88*	
		For >3,500, Deduct	*-7.20*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0119	SY	HYPE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	52.77	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.15*	
		For >600 To 900, Deduct	*-2.14*	
		For >900 To 1,500, Deduct	*-3.12*	
		For >1,500 To 2,200, Deduct	*-4.56*	
		For >2,200 To 3,500, Deduct	*-5.88*	
		For >3,500, Deduct	*-7.20*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0120	SY	SCULPT LOOP ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	56.68	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.33*	
		For >900 To 1,500, Deduct	*-3.40*	
		For >1,500 To 2,200, Deduct	*-4.95*	
		For >2,200 To 3,500, Deduct	*-6.37*	
		For >3,500, Deduct	*-7.79*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0121	SY	ALIGN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.35*	
		For >900 To 1,500, Deduct	*-3.42*	
		For >1,500 To 2,200, Deduct	*-4.99*	
		For >2,200 To 3,500, Deduct	*-6.42*	
		For >3,500, Deduct	*-7.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0122	SY	SCULPT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.35*	
		For >900 To 1,500, Deduct	*-3.42*	
		For >1,500 To 2,200, Deduct	*-4.99*	
		For >2,200 To 3,500, Deduct	*-6.42*	
		For >3,500, Deduct	*-7.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0123	SY	TRACE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.08	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.35*	
		For >900 To 1,500, Deduct	*-3.42*	
		For >1,500 To 2,200, Deduct	*-4.99*	
		For >2,200 To 3,500, Deduct	*-6.42*	
		For >3,500, Deduct	*-7.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0124	SY	ABSORBED ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.22	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.01*	
		For >2,200 To 3,500, Deduct	*-6.44*	
		For >3,500, Deduct	*-7.87*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0125	SY	VISIBLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.22	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.01*	
		For >2,200 To 3,500, Deduct	*-6.44*	
		For >3,500, Deduct	*-7.87*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0126	SY	VIBRANT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	54.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.80*	
		For >400 To 600, Deduct	*-1.20*	
		For >600 To 900, Deduct	*-2.22*	
		For >900 To 1,500, Deduct	*-3.24*	
		For >1,500 To 2,200, Deduct	*-4.73*	
		For >2,200 To 3,500, Deduct	*-6.09*	
		For >3,500, Deduct	*-7.45*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0127	SY	FINE POINT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0128	SY	LINEWEIGHT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0129	SY	STIPPLE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	57.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0130 22 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0131	SY	REPARTEE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	51.46	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.07*	
		For >900 To 1,500, Deduct	*-3.03*	
		For >1,500 To 2,200, Deduct	*-4.43*	
		For >2,200 To 3,500, Deduct	*-5.72*	
		For >3,500, Deduct	*-7.00*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0132	SY	ENDLESS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	54.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.77*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0133	SY	OBSERVE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	54.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.77*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0134	SY	RESPOND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	54.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.77*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0135	SY	TRANSFORM ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	54.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.77*	
		For >2,200 To 3,500, Deduct	*-6.15*	
		For >3,500, Deduct	*-7.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0136	SY	CHARISMA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	53.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.79*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.18*	
		For >900 To 1,500, Deduct	*-3.18*	
		For >1,500 To 2,200, Deduct	*-4.65*	
		For >2,200 To 3,500, Deduct	*-5.99*	
		For >3,500, Deduct	*-7.33*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0137	SY	APPLIED ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	56.53	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.33*	
		For >900 To 1,500, Deduct	*-3.39*	
		For >1,500 To 2,200, Deduct	*-4.94*	
		For >2,200 To 3,500, Deduct	*-6.35*	
		For >3,500, Deduct	*-7.77*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0138	SY	DWELLING ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.15	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.00*	
		For >2,200 To 3,500, Deduct	*-6.43*	
		For >3,500, Deduct	*-7.86*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0139	SY	SHELTER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.15	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.00*	
		For >2,200 To 3,500, Deduct	*-6.43*	
		For >3,500, Deduct	*-7.86*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0140	SY	EMBELLISH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	60.22	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.92*	
		For >400 To 600, Deduct	*-1.38*	
		For >600 To 900, Deduct	*-2.51*	
		For >900 To 1,500, Deduct	*-3.64*	
		For >1,500 To 2,200, Deduct	*-5.31*	
		For >2,200 To 3,500, Deduct	*-6.81*	
		For >3,500, Deduct	*-8.32*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0141	SY	BIAS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.78	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0142	SY	KASURI ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.78	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0143	SY	MESH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.78	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.51*	
		For >3,500, Deduct	*-7.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0144	SY	ACTIVITY ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	57.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.00*	
		For >2,200 To 3,500, Deduct	*-6.43*	
		For >3,500, Deduct	*-7.86*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0145	SY	REST ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	61.81	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.59*	
		For >900 To 1,500, Deduct	*-3.76*	
		For >1,500 To 2,200, Deduct	*-5.47*	
		For >2,200 To 3,500, Deduct	*-7.01*	
		For >3,500, Deduct	*-8.56*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0146	SY	UNWIND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	61.81	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.59*	
		For >900 To 1,500, Deduct	*-3.76*	
		For >1,500 To 2,200, Deduct	*-5.47*	
		For >2,200 To 3,500, Deduct	*-7.01*	
		For >3,500, Deduct	*-8.56*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0147	SY	INTERACT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	62.05	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.60*	
		For >900 To 1,500, Deduct	*-3.77*	
		For >1,500 To 2,200, Deduct	*-5.49*	
		For >2,200 To 3,500, Deduct	*-7.04*	
		For >3,500, Deduct	*-8.59*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0148	SY	PAUSE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	62.40	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.44*	
		For >600 To 900, Deduct	*-2.62*	
		For >900 To 1,500, Deduct	*-3.80*	
		For >1,500 To 2,200, Deduct	*-5.53*	
		For >2,200 To 3,500, Deduct	*-7.09*	
		For >3,500, Deduct	*-8.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0149	SY	VANTAGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	62.40	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.44*	
		For >600 To 900, Deduct	*-2.62*	
		For >900 To 1,500, Deduct	*-3.80*	
		For >1,500 To 2,200, Deduct	*-5.53*	
		For >2,200 To 3,500, Deduct	*-7.09*	
		For >3,500, Deduct	*-8.65*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0150	SY	DRIFT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	64.01	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1,500, Deduct	*-3.91*	
		For >1,500 To 2,200, Deduct	*-5.69*	
		For >2,200 To 3,500, Deduct	*-7.29*	
		For >3,500, Deduct	*-8.89*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0151	SY	EXPAND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	63.76	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.69*	
		For >900 To 1,500, Deduct	*-3.89*	
		For >1,500 To 2,200, Deduct	*-5.66*	
		For >2,200 To 3,500, Deduct	*-7.26*	
		For >3,500, Deduct	*-8.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0152	SY	AGATE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	64.82	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.39*	
		For >3,500, Deduct	*-9.01*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0153	SY	JASPER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	64.82	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.39*	
		For >3,500, Deduct	*-9.01*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0154	SY	MICA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	64.82	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.39*	
		For >3,500, Deduct	*-9.01*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0155	SY	QUARTZ ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	64.82	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.39*	
		For >3,500, Deduct	*-9.01*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0156	SY	VERTICAL EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	66.89	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.05*	
		For >400 To 600, Deduct	*-1.58*	
		For >600 To 900, Deduct	*-2.84*	
		For >900 To 1,500, Deduct	*-4.11*	
		For >1,500 To 2,200, Deduct	*-5.97*	
		For >2,200 To 3,500, Deduct	*-7.65*	
		For >3,500, Deduct	*-9.32*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0157 24 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0158	SY	CONSTELLATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	54.81	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.27*	
		For >1,500 To 2,200, Deduct	*-4.77*	
		For >2,200 To 3,500, Deduct	*-6.14*	
		For >3,500, Deduct	*-7.51*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0159	SY	OBSERVE COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	59.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.34*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.19*	
		For >2,200 To 3,500, Deduct	*-6.67*	
		For >3,500, Deduct	*-8.14*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0160	SY	RESPOND COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	59.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.34*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.19*	
		For >2,200 To 3,500, Deduct	*-6.67*	
		For >3,500, Deduct	*-8.14*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0161	SY	TRANSFORM COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	59.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.34*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.19*	
		For >2,200 To 3,500, Deduct	*-6.67*	
		For >3,500, Deduct	*-8.14*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0162	SY	FOUNDATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	59.37	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.35*	
		For >600 To 900, Deduct	*-2.47*	
		For >900 To 1,500, Deduct	*-3.58*	
		For >1,500 To 2,200, Deduct	*-5.22*	
		For >2,200 To 3,500, Deduct	*-6.71*	
		For >3,500, Deduct	*-8.19*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0163	SY	BLOX ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	56.04	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.25*	
		For >600 To 900, Deduct	*-2.30*	
		For >900 To 1,500, Deduct	*-3.35*	
		For >1,500 To 2,200, Deduct	*-4.89*	
		For >2,200 To 3,500, Deduct	*-6.29*	
		For >3,500, Deduct	*-7.69*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0164	SY	KUSA ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	59.20	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.35*	
		For >600 To 900, Deduct	*-2.46*	
		For >900 To 1,500, Deduct	*-3.57*	
		For >1,500 To 2,200, Deduct	*-5.21*	
		For >2,200 To 3,500, Deduct	*-6.69*	
		For >3,500, Deduct	*-8.17*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0165	SY	BLOCK PRINT ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.47	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.67*	
		For >900 To 1,500, Deduct	*-3.87*	
		For >1,500 To 2,200, Deduct	*-5.63*	
		For >2,200 To 3,500, Deduct	*-7.22*	
		For >3,500, Deduct	*-8.81*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0166	SY	FADE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.13	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.60*	
		For >2,200 To 3,500, Deduct	*-7.18*	
		For >3,500, Deduct	*-8.76*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0167	SY	OVERLAY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.13	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.60*	
		For >2,200 To 3,500, Deduct	*-7.18*	
		For >3,500, Deduct	*-8.76*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0168	SY	BLUR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.13	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.60*	
		For >2,200 To 3,500, Deduct	*-7.18*	
		For >3,500, Deduct	*-8.76*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0169	SY	EXPOSE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.86*	
		For >1,500 To 2,200, Deduct	*-5.61*	
		For >2,200 To 3,500, Deduct	*-7.20*	
		For >3,500, Deduct	*-8.78*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0170	SY	UNCOVER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.86*	
		For >1,500 To 2,200, Deduct	*-5.61*	
		For >2,200 To 3,500, Deduct	*-7.20*	
		For >3,500, Deduct	*-8.78*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0171	SY	EXPLORE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.79	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.69*	
		For >900 To 1,500, Deduct	*-3.89*	
		For >1,500 To 2,200, Deduct	*-5.66*	
		For >2,200 To 3,500, Deduct	*-7.26*	
		For >3,500, Deduct	*-8.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0172	SY	LINGER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	64.01	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1,500, Deduct	*-3.91*	
		For >1,500 To 2,200, Deduct	*-5.69*	
		For >2,200 To 3,500, Deduct	*-7.29*	
		For >3,500, Deduct	*-8.89*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0173	SY	RENEW ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	63.79	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.69*	
		For >900 To 1,500, Deduct	*-3.89*	
		For >1,500 To 2,200, Deduct	*-5.66*	
		For >2,200 To 3,500, Deduct	*-7.26*	
		For >3,500, Deduct	*-8.85*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0174	SY	FOLDED ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	68.25	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.91*	
		For >900 To 1,500, Deduct	*-4.21*	
		For >1,500 To 2,200, Deduct	*-6.11*	
		For >2,200 To 3,500, Deduct	*-7.82*	
		For >3,500, Deduct	*-9.52*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0175	SY	FOLDED EDGE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	67.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.07*	
		For >400 To 600, Deduct	*-1.61*	
		For >600 To 900, Deduct	*-2.90*	
		For >900 To 1,500, Deduct	*-4.19*	
		For >1,500 To 2,200, Deduct	*-6.08*	
		For >2,200 To 3,500, Deduct	*-7.78*	
		For >3,500, Deduct	*-9.48*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0176	SY	IDENTITY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	73.23	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.55*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.44*	
		For >3,500, Deduct	*-10.27*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0177 26 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0178	SY	PETO II 26 ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	55.23	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.81*	
		For >2,200 To 3,500, Deduct	*-6.19*	
		For >3,500, Deduct	*-7.57*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0179	SY	BRILLIANCE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	59.05	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.90*	
		For >400 To 600, Deduct	*-1.34*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.19*	
		For >2,200 To 3,500, Deduct	*-6.67*	
		For >3,500, Deduct	*-8.14*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0180	SY	IMPRINT ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	62.49	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.62*	
		For >900 To 1,500, Deduct	*-3.80*	
		For >1,500 To 2,200, Deduct	*-5.53*	
		For >2,200 To 3,500, Deduct	*-7.10*	
		For >3,500, Deduct	*-8.66*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0181	SY	SKETCH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	62.63	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.63*	
		For >900 To 1,500, Deduct	*-3.81*	
		For >1,500 To 2,200, Deduct	*-5.55*	
		For >2,200 To 3,500, Deduct	*-7.11*	
		For >3,500, Deduct	*-8.68*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0182	SY	VEIL ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	62.63	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.63*	
		For >900 To 1,500, Deduct	*-3.81*	
		For >1,500 To 2,200, Deduct	*-5.55*	
		For >2,200 To 3,500, Deduct	*-7.11*	
		For >3,500, Deduct	*-8.68*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0183	SY	DISCOVER ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	62.22	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.44*	
		For >600 To 900, Deduct	*-2.61*	
		For >900 To 1,500, Deduct	*-3.78*	
		For >1,500 To 2,200, Deduct	*-5.51*	
		For >2,200 To 3,500, Deduct	*-7.06*	
		For >3,500, Deduct	*-8.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0184	SY	SEEK ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	62.22	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.44*	
		For >600 To 900, Deduct	*-2.61*	
		For >900 To 1,500, Deduct	*-3.78*	
		For >1,500 To 2,200, Deduct	*-5.51*	
		For >2,200 To 3,500, Deduct	*-7.06*	
		For >3,500, Deduct	*-8.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0185	SY	BOTAN ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	60.97	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.38*	
		For >2,200 To 3,500, Deduct	*-6.91*	
		For >3,500, Deduct	*-8.43*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0186	SY	HANA ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	60.97	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.38*	
		For >2,200 To 3,500, Deduct	*-6.91*	
		For >3,500, Deduct	*-8.43*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0187	SY	RELIEF ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	63.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.86*	
		For >1,500 To 2,200, Deduct	*-5.61*	
		For >2,200 To 3,500, Deduct	*-7.20*	
		For >3,500, Deduct	*-8.78*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0188	SY	DEPTH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	71.48	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.14*	
		For >400 To 600, Deduct	*-1.72*	
		For >600 To 900, Deduct	*-3.07*	
		For >900 To 1,500, Deduct	*-4.43*	
		For >1,500 To 2,200, Deduct	*-6.43*	
		For >2,200 To 3,500, Deduct	*-8.22*	
		For >3,500, Deduct	*-10.01*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0189	SY	ANGLE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	72.18	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.16*	
		For >400 To 600, Deduct	*-1.74*	
		For >600 To 900, Deduct	*-3.11*	
		For >900 To 1,500, Deduct	*-4.48*	
		For >1,500 To 2,200, Deduct	*-6.50*	
		For >2,200 To 3,500, Deduct	*-8.31*	
		For >3,500, Deduct	*-10.11*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0190	SY	HONEST ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	73.23	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.55*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.44*	
		For >3,500, Deduct	*-10.27*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0191	SY	SLAB ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	73.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.19*	
		For >400 To 600, Deduct	*-1.78*	
		For >600 To 900, Deduct	*-3.18*	
		For >900 To 1,500, Deduct	*-4.58*	
		For >1,500 To 2,200, Deduct	*-6.65*	
		For >2,200 To 3,500, Deduct	*-8.49*	
		For >3,500, Deduct	*-10.33*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0192	SY	BASE HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	74.66	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.21*	
		For >400 To 600, Deduct	*-1.81*	
		For >600 To 900, Deduct	*-3.23*	
		For >900 To 1,500, Deduct	*-4.65*	
		For >1,500 To 2,200, Deduct	*-6.75*	
		For >2,200 To 3,500, Deduct	*-8.62*	
		For >3,500, Deduct	*-10.48*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0193	SY	COLOR SHIFT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	74.66	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.21*	
		For >400 To 600, Deduct	*-1.81*	
		For >600 To 900, Deduct	*-3.23*	
		For >900 To 1,500, Deduct	*-4.65*	
		For >1,500 To 2,200, Deduct	*-6.75*	
		For >2,200 To 3,500, Deduct	*-8.62*	
		For >3,500, Deduct	*-10.48*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0194	SY	CONTACT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	74.66	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.21*	
		For >400 To 600, Deduct	*-1.81*	
		For >600 To 900, Deduct	*-3.23*	
		For >900 To 1,500, Deduct	*-4.65*	
		For >1,500 To 2,200, Deduct	*-6.75*	
		For >2,200 To 3,500, Deduct	*-8.62*	
		For >3,500, Deduct	*-10.48*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0195	SY	BEVEL HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	86.04	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.44*	
		For >400 To 600, Deduct	*-2.15*	
		For >600 To 900, Deduct	*-3.80*	
		For >900 To 1,500, Deduct	*-5.45*	
		For >1,500 To 2,200, Deduct	*-7.89*	
		For >2,200 To 3,500, Deduct	*-10.04*	
		For >3,500, Deduct	*-12.19*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0196 28 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0197	SY	RICHE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	62.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.96*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.60*	
		For >900 To 1,500, Deduct	*-3.77*	
		For >1,500 To 2,200, Deduct	*-5.49*	
		For >2,200 To 3,500, Deduct	*-7.05*	
		For >3,500, Deduct	*-8.60*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0198	SY	CORDED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	62.74	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.64*	
		For >900 To 1,500, Deduct	*-3.82*	
		For >1,500 To 2,200, Deduct	*-5.56*	
		For >2,200 To 3,500, Deduct	*-7.13*	
		For >3,500, Deduct	*-8.70*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0199	SY	PATH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	68.14	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.91*	
		For >900 To 1,500, Deduct	*-4.20*	
		For >1,500 To 2,200, Deduct	*-6.10*	
		For >2,200 To 3,500, Deduct	*-7.80*	
		For >3,500, Deduct	*-9.51*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0200	SY	PORTAL ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	68.14	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.91*	
		For >900 To 1,500, Deduct	*-4.20*	
		For >1,500 To 2,200, Deduct	*-6.10*	
		For >2,200 To 3,500, Deduct	*-7.80*	
		For >3,500, Deduct	*-9.51*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0201	SY	KNIT ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	67.64	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.07*	
		For >400 To 600, Deduct	*-1.60*	
		For >600 To 900, Deduct	*-2.88*	
		For >900 To 1,500, Deduct	*-4.16*	
		For >1,500 To 2,200, Deduct	*-6.05*	
		For >2,200 To 3,500, Deduct	*-7.74*	
		For >3,500, Deduct	*-9.43*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0202	SY	DECOR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	68.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.92*	
		For >900 To 1,500, Deduct	*-4.22*	
		For >1,500 To 2,200, Deduct	*-6.13*	
		For >2,200 To 3,500, Deduct	*-7.84*	
		For >3,500, Deduct	*-9.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0203	SY	CHAIN STITCH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	64.55	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.51*	
		For >600 To 900, Deduct	*-2.73*	
		For >900 To 1,500, Deduct	*-3.95*	
		For >1,500 To 2,200, Deduct	*-5.74*	
		For >2,200 To 3,500, Deduct	*-7.35*	
		For >3,500, Deduct	*-8.97*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0204	SY	AFFLUENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	68.45	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.92*	
		For >900 To 1,500, Deduct	*-4.22*	
		For >1,500 To 2,200, Deduct	*-6.13*	
		For >2,200 To 3,500, Deduct	*-7.84*	
		For >3,500, Deduct	*-9.55*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0205	SY	BACK WEAVE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	69.62	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.11*	
		For >400 To 600, Deduct	*-1.66*	
		For >600 To 900, Deduct	*-2.98*	
		For >900 To 1,500, Deduct	*-4.30*	
		For >1,500 To 2,200, Deduct	*-6.25*	
		For >2,200 To 3,500, Deduct	*-7.99*	
		For >3,500, Deduct	*-9.73*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0206	SY	EXCHANGE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	69.62	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.11*	
		For >400 To 600, Deduct	*-1.66*	
		For >600 To 900, Deduct	*-2.98*	
		For >900 To 1,500, Deduct	*-4.30*	
		For >1,500 To 2,200, Deduct	*-6.25*	
		For >2,200 To 3,500, Deduct	*-7.99*	
		For >3,500, Deduct	*-9.73*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0207	SY	KNOTTED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	69.62	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.11*	
		For >400 To 600, Deduct	*-1.66*	
		For >600 To 900, Deduct	*-2.98*	
		For >900 To 1,500, Deduct	*-4.30*	
		For >1,500 To 2,200, Deduct	*-6.25*	
		For >2,200 To 3,500, Deduct	*-7.99*	
		For >3,500, Deduct	*-9.73*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0208	SY	PROCESS ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	69.62	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.11*	
		For >400 To 600, Deduct	*-1.66*	
		For >600 To 900, Deduct	*-2.98*	
		For >900 To 1,500, Deduct	*-4.30*	
		For >1,500 To 2,200, Deduct	*-6.25*	
		For >2,200 To 3,500, Deduct	*-7.99*	
		For >3,500, Deduct	*-9.73*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0209	SY	CHECK ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	71.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.10*	
		For >900 To 1,500, Deduct	*-4.47*	
		For >1,500 To 2,200, Deduct	*-6.48*	
		For >2,200 To 3,500, Deduct	*-8.28*	
		For >3,500, Deduct	*-10.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0210	SY	HOUNDSTOOTH 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	71.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.10*	
		For >900 To 1,500, Deduct	*-4.47*	
		For >1,500 To 2,200, Deduct	*-6.48*	
		For >2,200 To 3,500, Deduct	*-8.28*	
		For >3,500, Deduct	*-10.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0211	SY	JACQUARD 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	71.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.10*	
		For >900 To 1,500, Deduct	*-4.47*	
		For >1,500 To 2,200, Deduct	*-6.48*	
		For >2,200 To 3,500, Deduct	*-8.28*	
		For >3,500, Deduct	*-10.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0212	SY	TEX28 Ounce, Patterned, Nylon Carpet Tile 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	71.98	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.10*	
		For >900 To 1,500, Deduct	*-4.47*	
		For >1,500 To 2,200, Deduct	*-6.48*	
		For >2,200 To 3,500, Deduct	*-8.28*	
		For >3,500, Deduct	*-10.08*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0213	SY	BATIK 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	73.28	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.56*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.45*	
		For >3,500, Deduct	*-10.28*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0214	SY	IKAT 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	73.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.19*	
		For >400 To 600, Deduct	*-1.78*	
		For >600 To 900, Deduct	*-3.18*	
		For >900 To 1,500, Deduct	*-4.58*	
		For >1,500 To 2,200, Deduct	*-6.65*	
		For >2,200 To 3,500, Deduct	*-8.49*	
		For >3,500, Deduct	*-10.33*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0215	SY	LINEN 28 Ounce, Patterned, Nylon Carpet Tile ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	73.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.19*	
		For >400 To 600, Deduct	*-1.78*	
		For >600 To 900, Deduct	*-3.18*	
		For >900 To 1,500, Deduct	*-4.58*	
		For >1,500 To 2,200, Deduct	*-6.65*	
		For >2,200 To 3,500, Deduct	*-8.49*	
		For >3,500, Deduct	*-10.33*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0216	SY	PRESENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	76.78	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.25*	
		For >400 To 600, Deduct	*-1.87*	
		For >600 To 900, Deduct	*-3.34*	
		For >900 To 1,500, Deduct	*-4.80*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.88*	
		For >3,500, Deduct	*-10.80*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0217	SY	STILL LIFE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	76.78	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.25*	
		For >400 To 600, Deduct	*-1.87*	
		For >600 To 900, Deduct	*-3.34*	
		For >900 To 1,500, Deduct	*-4.80*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.88*	
		For >3,500, Deduct	*-10.80*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0218	SY	FAMILIAR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	73.23	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.55*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.44*	
		For >3,500, Deduct	*-10.27*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0219	SY	HONED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	73.65	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.19*	
		For >400 To 600, Deduct	*-1.78*	
		For >600 To 900, Deduct	*-3.18*	
		For >900 To 1,500, Deduct	*-4.58*	
		For >1,500 To 2,200, Deduct	*-6.65*	
		For >2,200 To 3,500, Deduct	*-8.49*	
		For >3,500, Deduct	*-10.33*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0220	SY	FORM ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	80.42	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.32*	
		For >400 To 600, Deduct	*-1.98*	
		For >600 To 900, Deduct	*-3.52*	
		For >900 To 1,500, Deduct	*-5.06*	
		For >1,500 To 2,200, Deduct	*-7.33*	
		For >2,200 To 3,500, Deduct	*-9.34*	
		For >3,500, Deduct	*-11.35*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0221 30 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0222	SY	GLITZ ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	63.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.60*	
		For >2,200 To 3,500, Deduct	*-7.18*	
		For >3,500, Deduct	*-8.76*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0223	SY	LUMINOSITY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	64.23	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.00*	
		For >400 To 600, Deduct	*-1.50*	
		For >600 To 900, Deduct	*-2.71*	
		For >900 To 1,500, Deduct	*-3.92*	
		For >1,500 To 2,200, Deduct	*-5.71*	
		For >2,200 To 3,500, Deduct	*-7.31*	
		For >3,500, Deduct	*-8.92*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0224	SY	RADIANCE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	61.33	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.41*	
		For >600 To 900, Deduct	*-2.57*	
		For >900 To 1,500, Deduct	*-3.72*	
		For >1,500 To 2,200, Deduct	*-5.42*	
		For >2,200 To 3,500, Deduct	*-6.95*	
		For >3,500, Deduct	*-8.49*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0225	SY	TAPESTRY 18" X 36" ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	73.44	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.17*	
		For >900 To 1,500, Deduct	*-4.57*	
		For >1,500 To 2,200, Deduct	*-6.63*	
		For >2,200 To 3,500, Deduct	*-8.47*	
		For >3,500, Deduct	*-10.30*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0226	SY	BEYOND ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	80.13	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.32*	
		For >400 To 600, Deduct	*-1.98*	
		For >600 To 900, Deduct	*-3.51*	
		For >900 To 1,500, Deduct	*-5.04*	
		For >1,500 To 2,200, Deduct	*-7.30*	
		For >2,200 To 3,500, Deduct	*-9.30*	
		For >3,500, Deduct	*-11.31*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0227	SY	EXPANSE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	80.13	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.32*	
		For >400 To 600, Deduct	*-1.98*	
		For >600 To 900, Deduct	*-3.51*	
		For >900 To 1,500, Deduct	*-5.04*	
		For >1,500 To 2,200, Deduct	*-7.30*	
		For >2,200 To 3,500, Deduct	*-9.30*	
		For >3,500, Deduct	*-11.31*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0228	SY	ALCHEMY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	80.42	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.32*	
		For >400 To 600, Deduct	*-1.98*	
		For >600 To 900, Deduct	*-3.52*	
		For >900 To 1,500, Deduct	*-5.06*	
		For >1,500 To 2,200, Deduct	*-7.33*	
		For >2,200 To 3,500, Deduct	*-9.34*	
		For >3,500, Deduct	*-11.35*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0229	SY	CREATE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	81.88	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.35*	
		For >400 To 600, Deduct	*-2.03*	
		For >600 To 900, Deduct	*-3.59*	
		For >900 To 1,500, Deduct	*-5.16*	
		For >1,500 To 2,200, Deduct	*-7.47*	
		For >2,200 To 3,500, Deduct	*-9.52*	
		For >3,500, Deduct	*-11.57*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0230 32 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0231	SY	ENTWINE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	65.35	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.77*	
		For >900 To 1,500, Deduct	*-4.00*	
		For >1,500 To 2,200, Deduct	*-5.82*	
		For >2,200 To 3,500, Deduct	*-7.45*	
		For >3,500, Deduct	*-9.09*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0232	SY	INGRAIN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	66.01	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.80*	
		For >900 To 1,500, Deduct	*-4.05*	
		For >1,500 To 2,200, Deduct	*-5.89*	
		For >2,200 To 3,500, Deduct	*-7.54*	
		For >3,500, Deduct	*-9.19*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0233	SY	EARTH TONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	66.85	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.05*	
		For >400 To 600, Deduct	*-1.58*	
		For >600 To 900, Deduct	*-2.84*	
		For >900 To 1,500, Deduct	*-4.11*	
		For >1,500 To 2,200, Deduct	*-5.97*	
		For >2,200 To 3,500, Deduct	*-7.64*	
		For >3,500, Deduct	*-9.31*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0234	SY	REFLECT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	86.99	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.45*	
		For >400 To 600, Deduct	*-2.18*	
		For >600 To 900, Deduct	*-3.85*	
		For >900 To 1,500, Deduct	*-5.52*	
		For >1,500 To 2,200, Deduct	*-7.98*	
		For >2,200 To 3,500, Deduct	*-10.16*	
		For >3,500, Deduct	*-12.33*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0235	SY	RESURFACE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	70.28	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.12*	
		For >400 To 600, Deduct	*-1.68*	
		For >600 To 900, Deduct	*-3.01*	
		For >900 To 1,500, Deduct	*-4.35*	
		For >1,500 To 2,200, Deduct	*-6.31*	
		For >2,200 To 3,500, Deduct	*-8.07*	
		For >3,500, Deduct	*-9.83*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0236	SY	BLEND ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.16	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.24*	
		For >400 To 600, Deduct	*-1.86*	
		For >600 To 900, Deduct	*-3.31*	
		For >900 To 1,500, Deduct	*-4.76*	
		For >1,500 To 2,200, Deduct	*-6.90*	
		For >2,200 To 3,500, Deduct	*-8.81*	
		For >3,500, Deduct	*-10.71*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0237	SY	HINT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.16	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.24*	
		For >400 To 600, Deduct	*-1.86*	
		For >600 To 900, Deduct	*-3.31*	
		For >900 To 1,500, Deduct	*-4.76*	
		For >1,500 To 2,200, Deduct	*-6.90*	
		For >2,200 To 3,500, Deduct	*-8.81*	
		For >3,500, Deduct	*-10.71*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0238	SY	ORNATE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.72	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.25*	
		For >400 To 600, Deduct	*-1.87*	
		For >600 To 900, Deduct	*-3.34*	
		For >900 To 1,500, Deduct	*-4.80*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.88*	
		For >3,500, Deduct	*-10.79*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0239	SY	RETHREAD ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.72	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.25*	
		For >400 To 600, Deduct	*-1.87*	
		For >600 To 900, Deduct	*-3.34*	
		For >900 To 1,500, Deduct	*-4.80*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.88*	
		For >3,500, Deduct	*-10.79*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0240	SY	TECHNIQUE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.16	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.24*	
		For >400 To 600, Deduct	*-1.86*	
		For >600 To 900, Deduct	*-3.31*	
		For >900 To 1,500, Deduct	*-4.76*	
		For >1,500 To 2,200, Deduct	*-6.90*	
		For >2,200 To 3,500, Deduct	*-8.81*	
		For >3,500, Deduct	*-10.71*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0241	SY	VANISH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	76.16	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.24*	
		For >400 To 600, Deduct	*-1.86*	
		For >600 To 900, Deduct	*-3.31*	
		For >900 To 1,500, Deduct	*-4.76*	
		For >1,500 To 2,200, Deduct	*-6.90*	
		For >2,200 To 3,500, Deduct	*-8.81*	
		For >3,500, Deduct	*-10.71*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0242	SY	ZONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	74.09	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.20*	
		For >400 To 600, Deduct	*-1.79*	
		For >600 To 900, Deduct	*-3.20*	
		For >900 To 1,500, Deduct	*-4.61*	
		For >1,500 To 2,200, Deduct	*-6.69*	
		For >2,200 To 3,500, Deduct	*-8.55*	
		For >3,500, Deduct	*-10.40*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0243	SY	DYE LAB ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	84.28	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.40*	
		For >400 To 600, Deduct	*-2.10*	
		For >600 To 900, Deduct	*-3.71*	
		For >900 To 1,500, Deduct	*-5.33*	
		For >1,500 To 2,200, Deduct	*-7.71*	
		For >2,200 To 3,500, Deduct	*-9.82*	
		For >3,500, Deduct	*-11.93*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0244	SY	KIT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	91.10	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.54*	
		For >400 To 600, Deduct	*-2.30*	
		For >600 To 900, Deduct	*-4.05*	
		For >900 To 1,500, Deduct	*-5.81*	
		For >1,500 To 2,200, Deduct	*-8.40*	
		For >2,200 To 3,500, Deduct	*-10.67*	
		For >3,500, Deduct	*-12.95*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0245	SY	ARTISAN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	93.37	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.58*	
		For >400 To 600, Deduct	*-2.37*	
		For >600 To 900, Deduct	*-4.17*	
		For >900 To 1,500, Deduct	*-5.96*	
		For >1,500 To 2,200, Deduct	*-8.62*	
		For >2,200 To 3,500, Deduct	*-10.96*	
		For >3,500, Deduct	*-13.29*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0246	SY	CLOTH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	94.43	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.60*	
		For >400 To 600, Deduct	*-2.40*	
		For >600 To 900, Deduct	*-4.22*	
		For >900 To 1,500, Deduct	*-6.04*	
		For >1,500 To 2,200, Deduct	*-8.73*	
		For >2,200 To 3,500, Deduct	*-11.09*	
		For >3,500, Deduct	*-13.45*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0247	SY	PLAIN WEAVE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	88.04	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.48*	
		For >400 To 600, Deduct	*-2.21*	
		For >600 To 900, Deduct	*-3.90*	
		For >900 To 1,500, Deduct	*-5.59*	
		For >1,500 To 2,200, Deduct	*-8.09*	
		For >2,200 To 3,500, Deduct	*-10.29*	
		For >3,500, Deduct	*-12.49*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0248	SY	ENTREE ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	73.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.56*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.45*	
		For >3,500, Deduct	*-10.28*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0249	SY	WELCOME II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	71.53	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.14*	
		For >400 To 600, Deduct	*-1.72*	
		For >600 To 900, Deduct	*-3.08*	
		For >900 To 1,500, Deduct	*-4.44*	
		For >1,500 To 2,200, Deduct	*-6.44*	
		For >2,200 To 3,500, Deduct	*-8.23*	
		For >3,500, Deduct	*-10.02*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0250	SY	BON JOUR II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	73.29	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.18*	
		For >400 To 600, Deduct	*-1.77*	
		For >600 To 900, Deduct	*-3.16*	
		For >900 To 1,500, Deduct	*-4.56*	
		For >1,500 To 2,200, Deduct	*-6.61*	
		For >2,200 To 3,500, Deduct	*-8.45*	
		For >3,500, Deduct	*-10.28*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0251 Non-Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*

09 68 13 00-0252 18 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0251)*

09 68 13 00-0253	SY	COLOR FRAME ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	51.43	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.07*	
		For >900 To 1,500, Deduct	*-3.03*	
		For >1,500 To 2,200, Deduct	*-4.43*	
		For >2,200 To 3,500, Deduct	*-5.71*	
		For >3,500, Deduct	*-7.00*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0254	SY	COLOR PLAY ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	58.77	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.44*	
		For >900 To 1,500, Deduct	*-3.54*	
		For >1,500 To 2,200, Deduct	*-5.16*	
		For >2,200 To 3,500, Deduct	*-6.63*	
		For >3,500, Deduct	*-8.10*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0255 20 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0251)*

09 68 13 00-0256	SY	CURVE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	55.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.18*	
		For >3,500, Deduct	*-7.56*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0257	SY	DIAGONAL ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	55.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.18*	
		For >3,500, Deduct	*-7.56*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0258	SY	POINT ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	55.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.18*	
		For >3,500, Deduct	*-7.56*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0259	SY	SQUARE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	55.19	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1,500, Deduct	*-3.29*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.18*	
		For >3,500, Deduct	*-7.56*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0260	SY	ADVANCE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	55.54	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.28*	
		For >900 To 1,500, Deduct	*-3.32*	
		For >1,500 To 2,200, Deduct	*-4.84*	
		For >2,200 To 3,500, Deduct	*-6.23*	
		For >3,500, Deduct	*-7.62*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0261	SY	IMPRESSION I ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	61.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.39*	
		For >2,200 To 3,500, Deduct	*-6.92*	
		For >3,500, Deduct	*-8.44*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0262	SY	IMPRESSION II ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	61.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.39*	
		For >2,200 To 3,500, Deduct	*-6.92*	
		For >3,500, Deduct	*-8.44*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0263	SY	IMPRESSION III ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	61.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.39*	
		For >2,200 To 3,500, Deduct	*-6.92*	
		For >3,500, Deduct	*-8.44*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0264	SY	IMPRESSION IV ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	61.06	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.39*	
		For >2,200 To 3,500, Deduct	*-6.92*	
		For >3,500, Deduct	*-8.44*	
		For Cushioned Backed Tile, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 68 13 00-0265 22 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0251)*

09 68 13 00-0266	SY	PLANE HEXAGON ECOWORX® 22 Ounce, Non-Patterned, Nylon Carpet Tile	76.72	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.25*	
		For >400 To 600, Deduct	*-1.87*	
		For >600 To 900, Deduct	*-3.34*	
		For >900 To 1,500, Deduct	*-4.80*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.88*	
		For >3,500, Deduct	*-10.79*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0267 24 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0251)*

09 68 13 00-0268	SY	NEST ECOWORX® 24 Ounce, Non-Patterned, Nylon Carpet Tile	57.15	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.00*	
		For >2,200 To 3,500, Deduct	*-6.43*	
		For >3,500, Deduct	*-7.86*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0269 30 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0251)*

09 68 13 00-0270	SY	TRU COLOURS ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	61.70	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.42*	
		For >600 To 900, Deduct	*-2.58*	
		For >900 To 1,500, Deduct	*-3.75*	
		For >1,500 To 2,200, Deduct	*-5.46*	
		For >2,200 To 3,500, Deduct	*-7.00*	
		For >3,500, Deduct	*-8.54*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0271	SY	COLOUR PLANK ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	68.21	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.91*	
		For >900 To 1,500, Deduct	*-4.20*	
		For >1,500 To 2,200, Deduct	*-6.11*	
		For >2,200 To 3,500, Deduct	*-7.81*	
		For >3,500, Deduct	*-9.52*	
		For Cushioned Backed Tile, Add	*4.79*	
09 68 13 00-0272	SY	GRADATION ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	72.25	5.83
		For Up To 15, Add	*2.86*	
		For >15 To 33, Add	*1.43*	
		For >200 To 400, Deduct	*-1.16*	
		For >400 To 600, Deduct	*-1.74*	
		For >600 To 900, Deduct	*-3.11*	
		For >900 To 1,500, Deduct	*-4.49*	
		For >1,500 To 2,200, Deduct	*-6.51*	
		For >2,200 To 3,500, Deduct	*-8.32*	
		For >3,500, Deduct	*-10.12*	
		For Cushioned Backed Tile, Add	*4.79*	

09 68 13 00-0273 ESD Static Control Carpet Tiles (Shaw StaticSmart) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0274 16-24 Ounce, Static Control, Nylon Carpet Tile (StaticSmart) *(09 68 13 00-0273)*

09 68 13 00-0275	SY	DAILY PLANNER, Static Control, Nylon Carpet Carpet Tile	55.48	5.83
09 68 13 00-0276	SY	COLLABORATORS, Static Control, Nylon Carpet Carpet Tile	60.36	5.83
09 68 13 00-0277	SY	WORKSPACE, Static Control, Nylon Carpet Carpet Tile	55.58	5.83
09 68 13 00-0278	SY	LANDMARK SERIES, Static Control, Nylon Carpet Carpet Tile	58.70	5.83
09 68 13 00-0279	SY	LAN 4.1, Static Control, Nylon Carpet Carpet Tile	80.06	5.83
09 68 13 00-0280	SY	PRESIDENTIAL, Static Control, Nylon Carpet Carpet Tile	80.06	5.83
09 68 13 00-0281	SY	COLONIAL, Static Control, Nylon Carpet Carpet Tile	80.49	5.83
09 68 13 00-0282	SY	LAN 4.0, Static Control, Nylon Carpet Carpet Tile	94.92	5.83
09 68 13 00-0283	SY	DISCOVERY ECO, Static Control, Nylon Carpet Carpet Tile	78.58	5.83

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

09 68 16 00-0002 Carpet Padding *(09 68 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0003		**Prime Polyurethane Foam Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	18.84	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.29*	
		For >400 To 600, Deduct	*-0.43*	
		For >600 To 900, Deduct	*-0.78*	
		For >900 To 1,500, Deduct	*-1.14*	
		For >1,500 To 2,200, Deduct	*-1.66*	
		For >2,200 To 3,500, Deduct	*-2.13*	
		For >3,500, Deduct	*-2.60*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	19.68	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.30*	
		For >400 To 600, Deduct	*-0.45*	
		For >600 To 900, Deduct	*-0.82*	
		For >900 To 1,500, Deduct	*-1.20*	
		For >1,500 To 2,200, Deduct	*-1.74*	
		For >2,200 To 3,500, Deduct	*-2.23*	
		For >3,500, Deduct	*-2.72*	
09 68 16 00-0006		**Bonded (Rebond) Polyurethane Foam Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0007	SY	1/4" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.54	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.21*	
		For >3,500, Deduct	*-1.50*	
09 68 16 00-0008	SY	5/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	12.12	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.45*	
		For >900 To 1,500, Deduct	*-0.67*	
		For >1,500 To 2,200, Deduct	*-0.98*	
		For >2,200 To 3,500, Deduct	*-1.29*	
		For >3,500, Deduct	*-1.59*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	9.41	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.31*	
		For >900 To 1,500, Deduct	*-0.48*	
		For >1,500 To 2,200, Deduct	*-0.71*	
		For >2,200 To 3,500, Deduct	*-0.95*	
		For >3,500, Deduct	*-1.18*	
09 68 16 00-0010	SY	3/8" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.73	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.73	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0012	SY	7/16" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.73	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.95*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0013	SY	7/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.11	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.26*	
		For >600 To 900, Deduct	*-0.50*	
		For >900 To 1,500, Deduct	*-0.74*	
		For >1,500 To 2,200, Deduct	*-1.08*	
		For >2,200 To 3,500, Deduct	*-1.41*	
		For >3,500, Deduct	*-1.74*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.60	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.22*	
		For >3,500, Deduct	*-1.51*	
09 68 16 00-0015	SY	1/2" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	12.05	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.44*	
		For >900 To 1,500, Deduct	*-0.66*	
		For >1,500 To 2,200, Deduct	*-0.98*	
		For >2,200 To 3,500, Deduct	*-1.28*	
		For >3,500, Deduct	*-1.58*	
09 68 16 00-0016	SY	1/2" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.69	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.18*	
		For >400 To 600, Deduct	*-0.27*	
		For >600 To 900, Deduct	*-0.52*	
		For >900 To 1,500, Deduct	*-0.78*	
		For >1,500 To 2,200, Deduct	*-1.14*	
		For >2,200 To 3,500, Deduct	*-1.48*	
		For >3,500, Deduct	*-1.83*	

09 68 16 00-0017 Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0018	SY	0.175" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	20.11	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.31*	
		For >400 To 600, Deduct	*-0.47*	
		For >600 To 900, Deduct	*-0.85*	
		For >900 To 1,500, Deduct	*-1.23*	
		For >1,500 To 2,200, Deduct	*-1.78*	
		For >2,200 To 3,500, Deduct	*-2.29*	
		For >3,500, Deduct	*-2.79*	
09 68 16 00-0019	SY	0.250" Thick, 12 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	22.52	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.36*	
		For >400 To 600, Deduct	*-0.54*	
		For >600 To 900, Deduct	*-0.97*	
		For >900 To 1,500, Deduct	*-1.39*	
		For >1,500 To 2,200, Deduct	*-2.02*	
		For >2,200 To 3,500, Deduct	*-2.59*	
		For >3,500, Deduct	*-3.15*	
09 68 16 00-0020	SY	0.250" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	24.37	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.40*	
		For >400 To 600, Deduct	*-0.59*	
		For >600 To 900, Deduct	*-1.06*	
		For >900 To 1,500, Deduct	*-1.52*	
		For >1,500 To 2,200, Deduct	*-2.21*	
		For >2,200 To 3,500, Deduct	*-2.82*	
		For >3,500, Deduct	*-3.43*	

09 68 16 00-0021 Waffle Rubber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0022	SY	3/8" Thick, 90 Oz./SY Waffle Rubber Carpet Padding	23.17	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.37*	
		For >400 To 600, Deduct	*-0.56*	
		For >600 To 900, Deduct	*-1.00*	
		For >900 To 1,500, Deduct	*-1.44*	
		For >1,500 To 2,200, Deduct	*-2.09*	
		For >2,200 To 3,500, Deduct	*-2.67*	
		For >3,500, Deduct	*-3.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0023		**Flat Sponge Rubber Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0024	SY	0.156" Thick, 62 Oz./SY Flat Sponge Rubber Carpet Padding	13.82	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.19*	
		For >400 To 600, Deduct	*-0.28*	
		For >600 To 900, Deduct	*-0.53*	
		For >900 To 1,500, Deduct	*-0.79*	
		For >1,500 To 2,200, Deduct	*-1.15*	
		For >2,200 To 3,500, Deduct	*-1.50*	
		For >3,500, Deduct	*-1.85*	
09 68 16 00-0025	SY	0.250" Thick, 68 Oz./SY Flat Sponge Rubber Carpet Padding	14.81	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.21*	
		For >400 To 600, Deduct	*-0.31*	
		For >600 To 900, Deduct	*-0.58*	
		For >900 To 1,500, Deduct	*-0.85*	
		For >1,500 To 2,200, Deduct	*-1.25*	
		For >2,200 To 3,500, Deduct	*-1.62*	
		For >3,500, Deduct	*-1.99*	
09 68 16 00-0026	SY	0.250" Thick, 80 Oz./SY Flat Sponge Rubber Carpet Padding	15.54	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.22*	
		For >400 To 600, Deduct	*-0.33*	
		For >600 To 900, Deduct	*-0.62*	
		For >900 To 1,500, Deduct	*-0.91*	
		For >1,500 To 2,200, Deduct	*-1.33*	
		For >2,200 To 3,500, Deduct	*-1.71*	
		For >3,500, Deduct	*-2.10*	
09 68 16 00-0027	SY	0.250" Thick, 100 Oz./SY Flat Sponge Rubber Carpet Padding	17.83	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.73*	
		For >900 To 1,500, Deduct	*-1.07*	
		For >1,500 To 2,200, Deduct	*-1.56*	
		For >2,200 To 3,500, Deduct	*-2.00*	
		For >3,500, Deduct	*-2.45*	
09 68 16 00-0028	SY	0.370" Thick, 100 Oz./SY Flat Sponge Rubber Carpet Padding	18.02	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.74*	
		For >900 To 1,500, Deduct	*-1.08*	
		For >1,500 To 2,200, Deduct	*-1.57*	
		For >2,200 To 3,500, Deduct	*-2.02*	
		For >3,500, Deduct	*-2.48*	
09 68 16 00-0029		**Synthetic Fiber Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0030	SY	0.235" Thick, 20 Oz./SY Synthetic Fiber Carpet Padding	6.48	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.04*	
		For >400 To 600, Deduct	*-0.06*	
		For >600 To 900, Deduct	*-0.16*	
		For >900 To 1,500, Deduct	*-0.27*	
		For >1,500 To 2,200, Deduct	*-0.42*	
		For >2,200 To 3,500, Deduct	*-0.58*	
		For >3,500, Deduct	*-0.74*	
09 68 16 00-0031	SY	0.235" Thick, 24 Oz./SY Synthetic Fiber Carpet Padding	7.98	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.07*	
		For >400 To 600, Deduct	*-0.10*	
		For >600 To 900, Deduct	*-0.24*	
		For >900 To 1,500, Deduct	*-0.38*	
		For >1,500 To 2,200, Deduct	*-0.57*	
		For >2,200 To 3,500, Deduct	*-0.77*	
		For >3,500, Deduct	*-0.97*	
09 68 16 00-0032	SY	0.275" Thick, 28 Oz./SY Synthetic Fiber Carpet Padding	7.30	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.21*	
		For >900 To 1,500, Deduct	*-0.33*	
		For >1,500 To 2,200, Deduct	*-0.50*	
		For >2,200 To 3,500, Deduct	*-0.68*	
		For >3,500, Deduct	*-0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0033	SY	0.300" Thick, 32 Oz./SY Synthetic Fiber Carpet Padding	7.55	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.22*	
		For >900 To 1,500, Deduct	*-0.35*	
		For >1,500 To 2,200, Deduct	*-0.53*	
		For >2,200 To 3,500, Deduct	*-0.72*	
		For >3,500, Deduct	*-0.90*	
09 68 16 00-0034	SY	0.350" Thick, 40 Oz./SY Synthetic Fiber Carpet Padding	9.10	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 900, Deduct	*-0.30*	
		For >900 To 1,500, Deduct	*-0.45*	
		For >1,500 To 2,200, Deduct	*-0.68*	
		For >2,200 To 3,500, Deduct	*-0.91*	
		For >3,500, Deduct	*-1.14*	
09 68 16 00-0035		Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0036	SY	0.300" Thick, 32 Oz./SY Double Stick Synthetic Fiber Carpet Padding	9.58	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.32*	
		For >900 To 1,500, Deduct	*-0.49*	
		For >1,500 To 2,200, Deduct	*-0.73*	
		For >2,200 To 3,500, Deduct	*-0.97*	
		For >3,500, Deduct	*-1.21*	
09 68 16 00-0037	SY	0.375" Thick, 40 Oz./SY Double Stick Synthetic Fiber Carpet Padding	10.78	3.01
		For Up To 15, Add	*0.91*	
		For >15 To 33, Add	*0.46*	
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.85*	
		For >2,200 To 3,500, Deduct	*-1.12*	
		For >3,500, Deduct	*-1.39*	
09 68 16 00-0038		Commercial Broadloom Carpet *(09 68 16)*		
		Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0039		Patterned Broadloom Carpet (Shaw) *(09 68 16 00-0038)*		
09 68 16 00-0040		20 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0041	SY	AMBITION III 20 CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	25.34	23.90
09 68 16 00-0042	SY	ESSENTIAL CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	32.50	23.90
09 68 16 00-0043	SY	PRIME CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	32.50	23.90
09 68 16 00-0044	SY	MODIFY CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	35.88	23.90
09 68 16 00-0045	SY	SWITCH CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	35.88	23.90
09 68 16 00-0046	SY	TRANSFER CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	35.88	23.90
09 68 16 00-0047	SY	SCRIBE CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	36.26	23.90
09 68 16 00-0048	SY	STYLUS CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	36.26	23.90
09 68 16 00-0049	SY	CONTE' ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	45.71	23.90
09 68 16 00-0050	SY	ERASE ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	45.71	23.90
09 68 16 00-0051	SY	CADENCE ECOWORX® PERFORMANCE 20 Ounce, Patterned, Nylon Broadloom Carpet	56.68	23.90
09 68 16 00-0052		22 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0053	SY	BIRCH CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	36.07	23.90
09 68 16 00-0054	SY	GROVE CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	36.07	23.90
09 68 16 00-0055	SY	SUMMIT CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	36.07	23.90
09 68 16 00-0056	SY	HIT THE BOOKS ULTRLOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	39.32	23.90
09 68 16 00-0057	SY	LAYER ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	41.50	23.90
09 68 16 00-0058	SY	DIMENSION ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	39.48	23.90
09 68 16 00-0059	SY	CHARISMA ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	42.61	23.90
09 68 16 00-0060	SY	AMPLIFY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	46.13	23.90
09 68 16 00-0061	SY	HIT THE BOOKS ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	43.89	23.90
09 68 16 00-0062	SY	ILLUMINATE ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	46.13	23.90
09 68 16 00-0063	SY	EFFECT ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	45.90	23.90
09 68 16 00-0064	SY	FAÇADE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	48.03	23.90
09 68 16 00-0065	SY	INLAY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	45.90	23.90
09 68 16 00-0066	SY	COLLAGE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	50.00	23.90
09 68 16 00-0067		24 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0068	SY	ASSOCIATE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	33.26	23.90
09 68 16 00-0069	SY	FOSSIL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	33.98	23.90
09 68 16 00-0070	SY	TERRA CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	33.98	23.90
09 68 16 00-0071	SY	ECLECTIC CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.81	23.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0072	SY	MELD CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	36.31	23.90
09 68 16 00-0073	SY	STAY ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	36.12	23.90
09 68 16 00-0074	SY	REMINISCE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.19	23.90
09 68 16 00-0075	SY	CONTOUR CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.35	23.90
09 68 16 00-0076	SY	OUTLINE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.35	23.90
09 68 16 00-0077	SY	FLICKER CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.97	23.90
09 68 16 00-0078	SY	FLARE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	36.56	23.90
09 68 16 00-0079	SY	TONE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	36.47	23.90
09 68 16 00-0080	SY	TINT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	37.17	23.90
09 68 16 00-0081	SY	BLOG ULTRLOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	39.24	23.90
09 68 16 00-0082	SY	BLOG CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	38.35	23.90
09 68 16 00-0083	SY	KUSA ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	46.92	23.90
09 68 16 00-0084	SY	ENGRAVE ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	62.05	23.90
09 68 16 00-0085	SY	ORNAMENT ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	62.05	23.90
09 68 16 00-0086	SY	SCREEN ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	62.05	23.90
09 68 16 00-0087	SY	COLONEL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.17	23.90
09 68 16 00-0088	SY	TOWN RESORT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	31.06	23.90
09 68 16 00-0089	SY	SENTIMENT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	35.92	23.90
09 68 16 00-0090		**26 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0091	SY	AMBITION III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	27.39	23.90
09 68 16 00-0092	SY	POTENTIAL III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	32.43	23.90
09 68 16 00-0093	SY	POTENTIAL III 26 UNITARY 26 Ounce, Patterned, Nylon Broadloom Carpet	34.29	23.90
09 68 16 00-0094	SY	INTERPLAY ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	36.05	23.90
09 68 16 00-0095	SY	PETO II CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	35.79	23.90
09 68 16 00-0096	SY	EVOLUTION CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	35.88	23.90
09 68 16 00-0097	SY	SPACE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	35.78	23.90
09 68 16 00-0098	SY	DIVIDE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	36.83	23.90
09 68 16 00-0099	SY	EDIT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	37.46	23.90
09 68 16 00-0100	SY	EQUAL CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	37.45	23.90
09 68 16 00-0101	SY	TEXT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	38.32	23.90
09 68 16 00-0102	SY	TEXT ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	39.44	23.90
09 68 16 00-0103	SY	CONSTELLATION ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	41.18	23.90
09 68 16 00-0104	SY	CROSS STITCH ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	43.06	23.90
09 68 16 00-0105	SY	ESCAPE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	47.09	23.90
09 68 16 00-0106	SY	WISDOM ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	47.40	23.90
09 68 16 00-0107	SY	BOTAN ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	48.03	23.90
09 68 16 00-0108	SY	MAINFRAME ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	45.42	23.90
09 68 16 00-0109	SY	HANA ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	48.24	23.90
09 68 16 00-0110	SY	NAVIGATE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	46.34	23.90
09 68 16 00-0111	SY	INTUITION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	50.58	23.90
09 68 16 00-0112	SY	QUEST ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	50.58	23.90
09 68 16 00-0113	SY	SOPHISTICATION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	50.58	23.90
09 68 16 00-0114	SY	JOIE ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	63.84	23.90
09 68 16 00-0115		**28 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0116	SY	POTENTIAL III 28 CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	34.88	25.95
09 68 16 00-0117	SY	MOMENTUM IV UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet	35.59	25.95
09 68 16 00-0118	SY	POTENTIAL III 28 UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet	36.62	25.95
09 68 16 00-0119	SY	CULTURE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	36.76	25.95
09 68 16 00-0120	SY	SCHOLAR II UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet	38.58	25.95
09 68 16 00-0121	SY	FIELD TRIP ULTRLOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	39.45	25.95
09 68 16 00-0122	SY	ACCOMPLISH CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	39.63	25.95
09 68 16 00-0123	SY	PROSPER CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	41.18	25.95
09 68 16 00-0124	SY	ASPIRE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	42.36	25.95
09 68 16 00-0125	SY	MOVEMENT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	44.81	25.95
09 68 16 00-0126	SY	SHIMMER ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	43.01	25.95
09 68 16 00-0127	SY	CORDED ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	43.85	25.95
09 68 16 00-0128	SY	FIELD TRIP ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	46.05	25.95
09 68 16 00-0129	SY	ACCOMPLISH ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	46.37	25.95
09 68 16 00-0130	SY	PROSPER ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	47.88	25.95
09 68 16 00-0131	SY	MEADOW ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	50.25	25.95
09 68 16 00-0132	SY	PROFILE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	51.22	25.95
09 68 16 00-0133	SY	ASPIRE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	48.66	25.95
09 68 16 00-0134	SY	DOUBLE KNIT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	49.09	25.95
09 68 16 00-0135	SY	BRIDGE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	50.74	25.95
09 68 16 00-0136	SY	GLADE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	54.73	25.95
09 68 16 00-0137	SY	ESSENCE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	55.95	25.95
09 68 16 00-0138	SY	EXPRESSIVE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	55.95	25.95
09 68 16 00-0139	SY	BASKET ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	60.64	25.95
09 68 16 00-0140	SY	IKAT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	64.71	25.95
09 68 16 00-0141	SY	VERVE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	64.47	25.95
09 68 16 00-0142	SY	VITAE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	60.95	25.95
09 68 16 00-0143	SY	IMAGERY CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	38.91	25.95
09 68 16 00-0144	SY	GROUND FORCE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	35.22	25.95
09 68 16 00-0145		**30 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0146	SY	GRADIENT CLASSICBAC® 30 Ounce, Patterned, Nylon Broadloom Carpet	39.78	25.95
09 68 16 00-0147	SY	HONOR ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	59.16	25.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0148	SY	PEBBLE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	56.24	25.95
09 68 16 00-0149	SY	BATIK ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	64.71	25.95
09 68 16 00-0150	SY	LINEN ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	64.71	25.95
09 68 16 00-0151	SY	TAPESTRY ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	64.71	25.95
09 68 16 00-0152	SY	TEXTILE ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	64.71	25.95
09 68 16 00-0153	SY	TRELLIS ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	62.96	25.95
09 68 16 00-0154	SY	TWINE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	62.96	25.95
09 68 16 00-0155	SY	BEYOND ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	67.56	25.95
09 68 16 00-0156		**32 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0157	SY	REFUGE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	37.67	25.95
09 68 16 00-0158	SY	RETREAT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	37.92	25.95
09 68 16 00-0159	SY	PLEAT CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	38.73	25.95
09 68 16 00-0160	SY	TAPER CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	38.73	25.95
09 68 16 00-0161	SY	STRIPES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	39.25	25.95
09 68 16 00-0162	SY	HERRINGBONE CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	39.25	25.95
09 68 16 00-0163	SY	SQUARES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	39.67	25.95
09 68 16 00-0164	SY	SOLID CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	49.81	25.95
09 68 16 00-0165	SY	CORE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	51.42	25.95
09 68 16 00-0166	SY	TIMBER ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	54.39	25.95
09 68 16 00-0167	SY	GROUNDED ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	58.30	25.95
09 68 16 00-0168	SY	TRIBUTE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	63.03	25.95
09 68 16 00-0169	SY	GRACE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	63.73	25.95
09 68 16 00-0170	SY	INHERIT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	68.63	25.95
09 68 16 00-0171	SY	EMBRACE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	77.28	25.95
09 68 16 00-0172		**34 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0173	SY	GLOW ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	57.15	27.90
09 68 16 00-0174	SY	3SQUARE ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	56.57	27.90
09 68 16 00-0175	SY	EDITION ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	69.96	27.90
09 68 16 00-0176		**36 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0177	SY	BELLCOURT CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	59.49	27.90
09 68 16 00-0178	SY	CRANFORD CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	59.49	27.90
09 68 16 00-0179	SY	KENNEBUNK CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	59.49	27.90
09 68 16 00-0180	SY	MORITZ CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	59.49	27.90
09 68 16 00-0181	SY	FIBER ECOWORX® 36 Ounce, Patterned, Nylon Broadloom Carpet	59.52	27.90
09 68 16 00-0182		**38 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0183	SY	LANA ECOWORX® 38 Ounce, Patterned, Nylon Broadloom Carpet	71.26	27.90
09 68 16 00-0184	SY	ARTISAN LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	76.70	27.90
09 68 16 00-0185	SY	CHOK LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	76.98	27.90
09 68 16 00-0186	SY	AT EASE 39 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	50.06	27.90
09 68 16 00-0187	SY	AT EASE 49 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	55.50	27.90
09 68 16 00-0188	SY	WELCOME II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	61.63	27.90
09 68 16 00-0189	SY	BON JOUR II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	61.63	27.90
09 68 16 00-0190		**Non-Patterned Broadloom Carpet (Shaw)** *(09 68 16 00-0038)*		
09 68 16 00-0191		**24 Ounce, Non-Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0190)*		
09 68 16 00-0192	SY	HARBOR CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	29.66	23.90
09 68 16 00-0193	SY	UPSCALE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	29.66	23.90
09 68 16 00-0194	SY	MEMOIRS CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	31.08	23.90
09 68 16 00-0195	SY	SCENERY CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	33.01	23.90
09 68 16 00-0196	SY	REIMAGINE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	34.86	23.90
09 68 16 00-0197	SY	STATEMENT CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	36.79	23.90
09 68 16 00-0198		**30 Ounce, Non-Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0190)*		
09 68 16 00-0199	SY	DESIGN SERIES V 30 CLASSICBAC® 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	36.92	25.95
09 68 16 00-0200	SY	HIGHLIGHT ECOWORX® PERFORMANCE 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	49.12	25.95
09 68 16 00-0201		**34 Ounce, Non-Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0190)*		
09 68 16 00-0202	SY	RESIDENCE INN I CLASSICBAC® 34 Ounce, Non-Patterned, Nylon Broadloom Carpet	43.22	27.90
09 68 16 00-0203		**36 Ounce, Non-Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0190)*		
09 68 16 00-0204	SY	DESIGN SERIES V 36 CLASSICBAC® 36 Ounce, Non-Patterned, Nylon Broadloom Carpet	42.77	27.90
09 68 16 00-0205		**38 Ounce, Non-Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0190)*		
09 68 16 00-0206	SY	VILLA CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	42.81	27.90
09 68 16 00-0207	SY	SCEPTER II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	53.69	27.90
09 68 16 00-0208	SY	RESIDENCE INN II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	47.78	27.90
09 68 16 00-0209	SY	RESIDENCE INN III CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	52.54	27.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0210		Carpet Accessories *(09 68 16)*		
09 68 16 00-0211	LF	Metal Carpet Saddle Strip, Up To 4" Wide	8.13	1.04
09 68 16 00-0212	LF	Carpet Grip Tape, Double Sided, 6" Wide	3.57	1.04
09 68 16 00-0213		Removal And Reinstallation Of Carpet And Pad *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0214	SY	Removal And Reinstallation Of Carpet And Pad	33.70	
09 68 16 00-0215		Carpeting Support Functions *(09 68 16)*		
09 68 16 00-0216		Relocate Partitions, Modular Workstations *(09 68 16 00-0215)*		
		Note: Includes disassembly and reassembly of workstation. Excludes electrical disconnection or reconnection.		
09 68 16 00-0217	EA	Relocate Modular Workstation	366.73	
09 68 16 00-0218		Installation Of Owner Provided Broadloom Carpet *(09 68 16)*		
09 68 16 00-0219	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	14.31	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.78*	
		For >15 To 33, Add	*1.39*	
09 68 16 00-0220	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	16.62	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.24*	
		For >15 To 33, Add	*1.62*	
09 68 16 00-0221	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	19.86	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.89*	
		For >15 To 33, Add	*1.94*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001		Panels, No Covering *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	16.85	1.04
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	31.64	1.04
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	29.48	1.16
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	29.48	1.16
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	29.48	1.16
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	29.48	1.16
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	27.88	1.16
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	27.88	1.16
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	31.48	1.16
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	31.48	1.16
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moondance 6808	31.48	1.16
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	31.48	1.16
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	29.88	1.16
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	29.88	1.16
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	37.83	1.16
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	37.83	1.16
09 69 13 00-0018		Pedestals *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	37.70	5.24
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	39.70	5.24
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	40.70	5.24
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	44.32	5.24
09 69 13 00-0023		Stringers *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	20.02	6.29
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	34.42	9.43
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	54.62	15.72
09 69 13 00-0027		Understructure *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	6.35	1.57
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	6.82	1.57
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	8.12	1.57

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		Accessories *(09 69 53)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	38.36	4.19
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	61.93	7.33
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	26.15	7.33
09 69 53 00-0005	EA	Machine Cutouts	203.07	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	62.94	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	149.78	0.52
09 69 53 00-0008	LF	Tate Handrail	119.34	3.46
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	45.00	3.46
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	202.29	13.10
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	48.22	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	48.22	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	58.34	2.10
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	71.33	2.10
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	54.75	2.10
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	71.31	2.10
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	199.87	13.10
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	142.71	13.10
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	199.87	13.10
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	100.81	2.10
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	10.48	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*
Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.58	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.70	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.66	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	5.60	0.87
09 72 13 00-0003	SF	1/4" Cork Wall Covering	7.24	0.87
09 72 13 00-0004	SF	1/2" Cork Wall Covering	8.55	0.87
09 72 13 00-0005	SF	3/4" Cork Wall Covering	12.37	0.87

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7 To 10 Oz./SY Vinyl Wall Covering	2.68	0.87
		For Owner Furnished Material, Deduct	*-1.31*	
09 72 16 13-0003	SF	11 To 14 Oz./SY Vinyl Wall Covering	3.37	0.87
		For Owner Furnished Material, Deduct	*-1.91*	
09 72 16 13-0004	SF	15 To 19 Oz./SY Vinyl Wall Covering	4.04	0.87
		For Owner Furnished Material, Deduct	*-2.40*	
09 72 16 13-0005	SF	20 To 25 Oz./SY Vinyl Wall Covering	4.58	0.87
		For Owner Furnished Material, Deduct	*-2.76*	
09 72 16 13-0006	SF	26 To 32 Oz./SY Vinyl Wall Covering	5.26	0.87
		For Owner Furnished Material, Deduct	*-3.36*	
09 72 16 13-0007	SF	33 To 38 Oz./SY Vinyl Wall Covering	6.23	0.87
		For Owner Furnished Material, Deduct	*-4.25*	

09 72 19 Textile Wall Coverings *(09 72)*

09 72 19 00-0001 Acoustic Wall Covering *(09 72 19)*

09 72 19 00-0002	SY	Acoustic Wall Covering (TRI-KES ACS-24 Celadon)	93.94	
09 72 19 00-0003	SY	Acoustic Wall Covering (Carnegie Fabrics Strie 6423, Color 814)	60.05	
09 72 19 00-0004	SY	Acoustic Wall Covering (Carnegie Fabrics Meteor 6427, Color 766)	60.05	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.29	1.16
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	4.91	1.49
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	3.33	2.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	49.95	26.59
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	51.21	26.59
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	55.39	28.63
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	58.59	28.63
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	61.92	28.63
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	63.44	28.63
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	66.08	30.91
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	68.98	30.91

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	10.77	3.49
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	11.01	3.49
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	11.01	3.49
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	11.24	3.49
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	12.44	3.49
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	13.87	3.49
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	15.54	3.49

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	19.68	3.49

09 77 Special Wall Surfacing *(09 70)*

09 77 11 Special Wall Panels *(09 77)*

09 77 11 00-0001 Special Wood Wall Panels *(09 77 11)*

See CSI section 05 12 23 00-0423 for angle iron.

09 77 11 00-0002	SF	Wood Grill Wall Panel (Plyboo Style LS11) Note: Includes connection to walls.	96.82	
09 77 11 00-0003	SF	Wood Grill Ceiling Panel (Plyboo Style LS11) Note: Includes connection to ceiling or grid. Excludes ceiling grid support structure.	105.14	

09 77 11 00-0004 Composite Panels, Fiberglass Reinforced Polyester (FRP) *(09 77 11)*

09 77 11 00-0005	SF	3/4" Thick Mechanically Applied Composite Panels, Translucent Fiberglass Reinforced Polyester (FRP)	46.04	5.78
09 77 11 00-0006	SF	1/8" Thick Panels, 4' Wide, Pebble Finish Panels	13.76	5.78
09 77 11 00-0007	SF	1/8" Thick Panels, 4' Wide, Symetrix Fiberglass Reinforced Polyester (FRP) Panels	16.65	5.78
09 77 11 00-0008	SF	1/8" Thick Panels, 4' Wide, Accents Fiberglass Reinforced Polyester (FRP) Panels	20.10	5.78

09 77 11 00-0009 High Pressure Laminate Panels *(09 77 11)*

09 77 11 00-0010	SF	3/4" Thick Mechanically Applied High Pressure Laminate Panels	39.83	5.78

09 77 11 00-0011 Metal Panels *(09 77 11)*

09 77 11 00-0012	SF	3/4" Thick Mechanically Applied Metal Panels	68.11	5.78

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	12.13	2.60
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	18.01	2.86
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	20.09	2.86
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	24.14	3.12
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	30.26	3.46
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.67	2.60
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.47	2.86
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	21.53	2.86
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	25.39	3.12
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	31.53	3.46
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	33.61	5.19
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	42.67	5.72
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	45.80	5.72
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	51.83	6.23
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	61.35	6.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	69.33	5.19
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	78.50	5.72
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	81.52	5.72
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	87.66	6.23
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	97.17	6.93
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	33.61	5.19
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	42.67	5.72
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	45.80	5.72
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	51.83	6.23
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	61.35	6.93
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	83.70	5.19
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	92.76	5.72
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	95.89	5.72
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	101.93	6.23
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	111.44	6.93
09 78 13 00-0033		16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*		
09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	21.04	2.60
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	35.92	2.86
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	41.25	2.86
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	50.72	3.12
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	67.54	3.46
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	22.48	2.60
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	37.32	2.86
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	42.27	2.86
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	52.16	3.12
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	67.16	3.46
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	46.94	5.19
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	69.44	5.72
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	77.35	5.72
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	91.93	6.23
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	114.88	6.93
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	82.73	5.19
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	105.22	5.72
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	113.28	5.72
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	127.75	6.23
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	150.60	6.93
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	46.94	5.19
09 78 13 00-0055	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	69.44	5.72
09 78 13 00-0056	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	77.35	5.72
09 78 13 00-0057	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	91.93	6.23
09 78 13 00-0058	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	114.88	6.93
09 78 13 00-0059	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	97.03	5.19
09 78 13 00-0060	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	119.53	5.72
09 78 13 00-0061	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	127.61	5.72
09 78 13 00-0062	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	142.08	6.23
09 78 13 00-0063	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	164.97	6.93

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*
Note: Mineral wool

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.04	0.34
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.20	0.34
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.44	0.34
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.62	0.34
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.86	0.34
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.08	0.34
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.38	0.34
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.72	0.34
09 81 16 00-0011		4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.99	0.34
09 81 16 00-0013		Fiberglass Sound Attenuation Blankets *(09 81 16)*		
		Note: (Insul-Quilt)		
09 81 16 00-0014	SF	2" Fiberglass Core Blanket, Faced With fiberglass Cloth And Backed With A Flame-Proof Foil (Insul-Quilt)	8.76	0.35
09 81 16 00-0015		Sound Attenuation Batts *(09 81 16)*		
		Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0016	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.73	0.46
09 81 16 00-0017	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.92	0.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 81 16 00-0018	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.07	0.46
09 81 16 00-0019	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	2.46	0.46
09 81 16 00-0020	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.58	0.46
09 81 16 00-0021	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	2.55	0.46
09 81 16 00-0022	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	2.68	0.46

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*

Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	13.32	2.31
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	19.84	2.31

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System *(09 84 13)*

See CSI section 06 11 16 00-0211 for wood furring.

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*

Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	14.95	2.59
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.79	2.59
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	17.43	2.59
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	17.46	2.59
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	19.30	2.59
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	19.30	2.59

09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*

Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	17.48	2.59
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	20.48	2.59
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	20.48	2.59
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	23.47	2.59
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	23.47	2.59

09 84 13 00-0018 Sound Absorbing Panel, Eggcrate Style *(09 84 13)*

Note: Ceiling or wall hung back.

09 84 13 00-0019	SF	2" Thick (Eggcrate Style) Polyurethane Sound Wave	12.90
		For Pyramid Style, Add	*1.18*
09 84 13 00-0020	SF	3" Thick (Eggcrate Style) Polyurethane Sound Wave	17.56
		For Pyramid Style, Add	*1.18*
09 84 13 00-0021	SF	4" Thick (Eggcrate Style) Polyurethane Sound Wave	23.62
		For Pyramid Style, Add	*1.18*
09 84 13 00-0022	SF	2" Thick (Eggcrate Style) Melamine Sound Wave	17.62
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*2.05*
		For Pyramid Style With Hypalon Coating, Add	*4.02*
09 84 13 00-0023	SF	3" Thick (Eggcrate Style) Melamine Sound Wave	28.08
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*0.42*
		For Pyramid Style With Hypalon Coating, Add	*2.40*
09 84 13 00-0024	SF	4" Thick (Eggcrate Style) Melamine Sound Wave	35.85
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*0.42*
		For Pyramid Style With Hypalon Coating, Add	*2.40*

09 84 13 00-0025 Sound Deadening Fiberboard *(09 84 13)*

09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.58	0.58
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.53*	
		For >128 To 320, Add	*0.32*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

09 91 13 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls	0.24	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0004	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	1.06	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0005	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.47	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0006	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	2.20	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.21	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.82	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0010	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0011	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.79	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0012	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.64	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

09 91 13 00-0013 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

09 91 13 00-0014	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.15	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0016	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0017	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.80	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0018	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0019	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0020	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.38	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0021	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.67	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0022	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0023	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	1.07	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 13 00-0024 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*

09 91 13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.23	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.29	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.45	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.57	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.07	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.18	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.12	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0033	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	0.93	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.01	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.97	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

09 91 13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.22	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.37	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.51	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0041	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.52	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.06	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0045	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.33	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0047	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0048	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.51	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0049	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.27	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0051	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.16	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Epoxy Paint, Add	*0.02*	
09 91 13 00-0052	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0053	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0054	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.80	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Epoxy Paint, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0055	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0056	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.36	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.67	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	1.16	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Epoxy Paint, Add	*0.20*	

09 91 13 00-0061 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0062 Paint Exterior Galvanized Walls *(09 91 13 00-0061)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0063	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.15	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.26	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	2.30	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	0.86	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	0.98	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.86	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.78	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0070	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0071	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.70	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0072		Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*		
		Note: Alkyd enamel paint.		
09 91 13 00-0073	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.15	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0074	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.26	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	2.29	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
09 91 13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.09	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	2.08	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.85	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0081	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.70	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0083	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	14.67	
		For Work >15' To 20' Above Floor, Add	*1.88*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*3.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*5.01*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*6.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*9.72*	
		For >100 To 250, Add	*4.60*	
		For >250 To 500, Add	*1.99*	
		For >2,500 To 5,000, Deduct	*-0.73*	
		For >5,000 To 10,000, Deduct	*-1.47*	
		For >10,000 To 20,000, Deduct	*-2.20*	
		For >20,000, Deduct	*-2.93*	
09 91 13 00-0084	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	16.33	
		For Work >15' To 20' Above Floor, Add	*2.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*3.48*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*5.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*7.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*10.80*	
		For >100 To 250, Add	*5.11*	
		For >250 To 500, Add	*2.21*	
		For >2,500 To 5,000, Deduct	*-0.82*	
		For >5,000 To 10,000, Deduct	*-1.63*	
		For >10,000 To 20,000, Deduct	*-2.45*	
		For >20,000, Deduct	*-3.27*	
09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	30.46	
		For Work >15' To 20' Above Floor, Add	*3.93*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*6.54*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*10.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*14.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*20.27*	
		For >100 To 250, Add	*9.59*	
		For >250 To 500, Add	*4.14*	
		For >2,500 To 5,000, Deduct	*-1.52*	
		For >5,000 To 10,000, Deduct	*-3.05*	
		For >10,000 To 20,000, Deduct	*-4.57*	
		For >20,000, Deduct	*-6.09*	
09 91 13 00-0086		Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*		
09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.24	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	2.11	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	

09 91 13 00-0090 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.27	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0092	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0093	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.65	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0094	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	3.08	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0095	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0096	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0097	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.43	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.49*	
09 91 13 00-0098	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0099	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	1.12	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0100	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	2.15	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

09 91 13 00-0101 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0102 Paint Exterior Smooth Wood Siding *(09 91 13 00-0101)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 91 13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.22	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.34	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	2.41	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0109	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	2.12	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0110	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0111	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0112	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.69	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

09 91 13 00-0113 Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*

Note: Includes shingles, shakes or rough sawn siding.

09 91 13 00-0114	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.71	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0115	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.68	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0116	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	3.10	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.59	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.70	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	3.19	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000, Deduct	*-0.64*	
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.20	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	1.35	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Shingles, Shakes Or Rough Sawn Wood Siding	2.55	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	

09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

09 91 13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	0.98	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	1.08	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	2.02	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.73	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0131	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.88	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0132	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	1.02	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0133	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	2.00	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 13 00-0134 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0135 Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*

09 91 13 00-0136	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0137	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0138	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0139	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	1.92	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0140	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0141	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0142	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.60	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.30	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

09 91 13 00-0146 Drywall/Plaster *(09 91 13 00-0134)*

09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
		For Epoxy Paint, Add	*0.02*	
09 91 13 00-0148	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0149	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0150	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.92	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.59	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.21*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0154	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0155	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	1.30	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Epoxy Paint, Add	*0.20*	

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.21	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	2.33	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.98	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.83	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.83	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0168	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.53	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.85	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.83	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	3.22	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.09*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000, Deduct	*-0.64*	
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.70	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.82	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	3.29	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.15*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.66*	
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.34	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.48	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	2.70	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.26	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.37	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.52	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.97	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.94	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0188	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.12	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0189	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.84	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

09 91 13 00-0191	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.26	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.37	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.52	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.21	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.19	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.98	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0199	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.84	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*

09 91 13 00-0201	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0202	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.24	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	2.28	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	

09 91 13 00-0204 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0205 Paint Exterior Concrete Floors *(09 91 13 00-0204)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.59	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0213	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.56	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0214	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0215	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	1.15	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.20*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0216	SF	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.19	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0217	SF	1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	5.36	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.27*	
		For >5,000 To 10,000, Deduct	*-0.54*	
		For >10,000 To 20,000, Deduct	*-0.80*	
		For >20,000, Deduct	*-1.07*	
09 91 13 00-0218	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.68	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.33*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000 To 20,000, Deduct	*-1.00*	
		For >20,000, Deduct	*-1.34*	

09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

09 91 13 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.18	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0221	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.99	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0222	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.06	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0223	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.99	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.93	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.98	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.65	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0227	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0228	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.83	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0229	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.39	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0230	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.30	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 13 00-0231	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.79	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 20,000, Deduct	*-1.02*	
		For >20,000, Deduct	*-1.36*	

09 91 13 00-0232 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0233 Paint Exterior Door Frames *(09 91 13 00-0232)*

09 91 13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.22	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.33*	
09 91 13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.58	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.42*	
09 91 13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.67	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.71*	
09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.23	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.33*	
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.59	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.42*	
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.68	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.71*	

09 91 13 00-0240 Paint Exterior Metal Doors *(09 91 13 00-0232)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	57.48	
		Note: One face		
		For Half Louvered Door, Add	*4.82*	
		For Full Louvered Door, Add	*8.03*	
		For Electrostatic Painting, Add	*9.55*	
		For >5 To 10, Deduct	*-2.87*	
		For >10 To 25, Deduct	*-5.75*	
		For >25, Deduct	*-8.62*	
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	57.48	
		Note: One face		
		For Half Louvered Door, Add	*4.82*	
		For Full Louvered Door, Add	*8.03*	
		For Electrostatic Painting, Add	*9.55*	
		For >5 To 10, Deduct	*-2.87*	
		For >10 To 25, Deduct	*-5.75*	
		For >25, Deduct	*-8.62*	
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	104.67	
		Note: One face		
		For Half Louvered Door, Add	*8.14*	
		For Full Louvered Door, Add	*13.57*	
		For Electrostatic Painting, Add	*18.02*	
		For >5 To 10, Deduct	*-5.23*	
		For >10 To 25, Deduct	*-10.47*	
		For >25, Deduct	*-15.70*	
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	103.19	
		Note: Both faces		
		For Half Louvered Door, Add	*8.65*	
		For Full Louvered Door, Add	*14.41*	
		For Electrostatic Painting, Add	*17.15*	
		For >5 To 10, Deduct	*-5.16*	
		For >10 To 25, Deduct	*-10.32*	
		For >25, Deduct	*-15.48*	
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	103.19	
		Note: Both faces		
		For Half Louvered Door, Add	*8.65*	
		For Full Louvered Door, Add	*14.41*	
		For Electrostatic Painting, Add	*17.15*	
		For >5 To 10, Deduct	*-5.16*	
		For >10 To 25, Deduct	*-10.32*	
		For >25, Deduct	*-15.48*	
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	188.61	
		Note: Both faces		
		For Half Louvered Door, Add	*14.63*	
		For Full Louvered Door, Add	*24.38*	
		For Electrostatic Painting, Add	*32.53*	
		For >5 To 10, Deduct	*-9.43*	
		For >10 To 25, Deduct	*-18.86*	
		For >25, Deduct	*-28.29*	
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	54.86	
		Note: One face		
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For Electrostatic Painting, Add	*9.67*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	54.86	
		Note: One face		
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For Electrostatic Painting, Add	*9.67*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	100.97	
		Note: One face		
		For Half Louvered Door, Add	*6.83*	
		For Full Louvered Door, Add	*11.39*	
		For Electrostatic Painting, Add	*18.41*	
		For >5 To 10, Deduct	*-5.05*	
		For >10 To 25, Deduct	*-10.10*	
		For >25, Deduct	*-15.15*	
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	98.48	
		Note: Both faces		
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For Electrostatic Painting, Add	*17.36*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	
09 91 13 00-0251	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	98.48	
		Note: Both faces		
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For Electrostatic Painting, Add	*17.36*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0252	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	182.07	
		Note: Both faces		
		For Half Louvered Door, Add	*12.28*	
		For Full Louvered Door, Add	*20.46*	
		For Electrostatic Painting, Add	*33.24*	
		For >5 To 10, Deduct	*-9.10*	
		For >10 To 25, Deduct	*-18.21*	
		For >25, Deduct	*-27.31*	
09 91 13 00-0253	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.63	
		For Electrostatic Painting, Add	*0.33*	
09 91 13 00-0254	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.79	
		For Electrostatic Painting, Add	*0.37*	
09 91 13 00-0255	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	5.69	
		For Electrostatic Painting, Add	*0.73*	
09 91 13 00-0256	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.97	
		For Electrostatic Painting, Add	*0.36*	
09 91 13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.13	
		For Electrostatic Painting, Add	*0.40*	
09 91 13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	6.06	
		For Electrostatic Painting, Add	*0.78*	

09 91 13 00-0259 Paint Exterior Wood Doors *(09 91 13 00-0232)*

09 91 13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	54.00	
		Note: One face		
		For Half Louvered Door, Add	*4.82*	
		For Full Louvered Door, Add	*8.03*	
		For >5 To 10, Deduct	*-2.70*	
		For >10 To 25, Deduct	*-5.40*	
		For >25, Deduct	*-8.10*	
09 91 13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	54.00	
		Note: One face		
		For Half Louvered Door, Add	*4.82*	
		For Full Louvered Door, Add	*8.03*	
		For >5 To 10, Deduct	*-2.70*	
		For >10 To 25, Deduct	*-5.40*	
		For >25, Deduct	*-8.10*	
09 91 13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	97.76	
		Note: One face		
		For Half Louvered Door, Add	*8.14*	
		For Full Louvered Door, Add	*13.57*	
		For >5 To 10, Deduct	*-4.89*	
		For >10 To 25, Deduct	*-9.78*	
		For >25, Deduct	*-14.66*	
09 91 13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	96.94	
		Note: Both faces		
		For Half Louvered Door, Add	*8.65*	
		For Full Louvered Door, Add	*14.41*	
		For >5 To 10, Deduct	*-4.85*	
		For >10 To 25, Deduct	*-9.69*	
		For >25, Deduct	*-14.54*	
09 91 13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	96.94	
		Note: Both faces		
		For Half Louvered Door, Add	*8.65*	
		For Full Louvered Door, Add	*14.41*	
		For >5 To 10, Deduct	*-4.85*	
		For >10 To 25, Deduct	*-9.69*	
		For >25, Deduct	*-14.54*	
09 91 13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	176.11	
		Note: Both faces		
		For Half Louvered Door, Add	*14.63*	
		For Full Louvered Door, Add	*24.38*	
		For >5 To 10, Deduct	*-8.81*	
		For >10 To 25, Deduct	*-17.61*	
		For >25, Deduct	*-26.42*	
09 91 13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	51.04	
		Note: One face		
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For >5 To 10, Deduct	*-2.55*	
		For >10 To 25, Deduct	*-5.10*	
		For >25, Deduct	*-7.66*	
09 91 13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	51.04	
		Note: One face		
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For >5 To 10, Deduct	*-2.55*	
		For >10 To 25, Deduct	*-5.10*	
		For >25, Deduct	*-7.66*	
09 91 13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	93.39	
		Note: One face		
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For >5 To 10, Deduct	*-4.67*	
		For >10 To 25, Deduct	*-9.34*	
		For >25, Deduct	*-14.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door Note: Both faces	91.61	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For >5 To 10, Deduct	*-4.58*	
		For >10 To 25, Deduct	*-9.16*	
		For >25, Deduct	*-13.74*	
09 91 13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door Note: Both faces	91.61	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For >5 To 10, Deduct	*-4.58*	
		For >10 To 25, Deduct	*-9.16*	
		For >25, Deduct	*-13.74*	
09 91 13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door Note: Both faces	168.32	
		For Half Louvered Door, Add	*12.28*	
		For Full Louvered Door, Add	*20.46*	
		For >5 To 10, Deduct	*-8.42*	
		For >10 To 25, Deduct	*-16.83*	
		For >25, Deduct	*-25.25*	
09 91 13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.59	
09 91 13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.71	
09 91 13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.54	
09 91 13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.91	
09 91 13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.05	
09 91 13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.90	

09 91 13 00-0278 Paint Exterior Metal Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	88.87	
		For Electrostatic Painting, Add	*11.41*	
		For >5 To 10, Deduct	*-4.44*	
		For >10 To 25, Deduct	*-8.89*	
		For >25, Deduct	*-13.33*	
09 91 13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	109.13	
		For Electrostatic Painting, Add	*14.82*	
		For >5 To 10, Deduct	*-5.46*	
		For >10 To 25, Deduct	*-10.91*	
		For >25, Deduct	*-16.37*	
09 91 13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	147.79	
		For Electrostatic Painting, Add	*20.32*	
		For >5 To 10, Deduct	*-7.39*	
		For >10 To 25, Deduct	*-14.78*	
		For >25, Deduct	*-22.17*	
09 91 13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	166.46	
		For Electrostatic Painting, Add	*22.91*	
		For >5 To 10, Deduct	*-8.32*	
		For >10 To 25, Deduct	*-16.65*	
		For >25, Deduct	*-24.97*	
09 91 13 00-0283	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	184.49	
		For Electrostatic Painting, Add	*25.34*	
		For >5 To 10, Deduct	*-9.22*	
		For >10 To 25, Deduct	*-18.45*	
		For >25, Deduct	*-27.67*	
09 91 13 00-0284	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	5.85	
		For Electrostatic Painting, Add	*0.80*	

09 91 13 00-0285 Paint Exterior Wood Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over primer.

09 91 13 00-0286	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	86.56	
		For >5 To 10, Deduct	*-4.33*	
		For >10 To 25, Deduct	*-8.66*	
		For >25, Deduct	*-12.98*	
09 91 13 00-0287	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	105.56	
		For >5 To 10, Deduct	*-5.28*	
		For >10 To 25, Deduct	*-10.56*	
		For >25, Deduct	*-15.83*	
09 91 13 00-0288	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	142.72	
		For >5 To 10, Deduct	*-7.14*	
		For >10 To 25, Deduct	*-14.27*	
		For >25, Deduct	*-21.41*	
09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	160.74	
		For >5 To 10, Deduct	*-8.04*	
		For >10 To 25, Deduct	*-16.07*	
		For >25, Deduct	*-24.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	178.19	
		For >5 To 10, Deduct	*-8.91*	
		For >10 To 25, Deduct	*-17.82*	
		For >25, Deduct	*-26.73*	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	5.93	

09 91 13 00-0292 Paint Exterior Security Screens *(09 91 13 00-0232)*

09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.56	
		For Electrostatic Painting, Add	*0.21*	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.57	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	2.61	
		For Electrostatic Painting, Add	*0.33*	

09 91 13 00-0296 Paint Exterior Window Guards *(09 91 13 00-0232)*

09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.56	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.57	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.61	

09 91 13 00-0300 Paint Exterior Window Trim *(09 91 13 00-0232)*

09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.45	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.45	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	2.37	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.67	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.67	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.83	

09 91 13 00-0307 Paint Exterior Roofing And Trim *(09 91 13)*

09 91 13 00-0308 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0307)*

09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	2.15	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	3.98	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.41*	

09 91 13 00-0311 Paint Metal Roofing *(09 91 13 00-0307)*

09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	0.95	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	1.65	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0314	SF	1 Coat Epoxy Polyamide Cured Resin Primer, Sprayed, Paint Metal Roof	0.96	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0315	SF	1 Coat Aliphatic Polyurethane, Sprayed, Paint Metal Roof	0.92	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	

09 91 13 00-0316 Paint Fascia Board *(09 91 13 00-0307)*

09 91 13 00-0317	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	0.89	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0318	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	0.89	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0319	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.54	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	

09 91 13 00-0320 Paint Soffit *(09 91 13 00-0307)*

09 91 13 00-0321	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	1.07	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0322	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	1.07	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0323	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	1.82	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0324		Special Coatings For Metal Roofs *(09 91 13 00-0307)*		
09 91 13 00-0325	SF	Carboline Carboxane 950 Coating System With 15 year warranty	12.21	
09 91 13 00-0326	SF	Carboline Carbothane 134HG Coating System With 1 year warranty	7.55	
09 91 13 00-0327		Acrylic Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)*		
09 91 13 00-0328	SF	2 Coats (20 Mil), Cool Roof Acrylic Elastomeric Roof Coating	2.29	
		For Each Coat Of Primer, Add	*0.50*	
09 91 13 00-0329	SF	2 Coats, Energy-Armor Ultra SunWhite Ultra Premium Acrylic Elastomeric Roof Coating (ICP APOC® AP-252)	3.22	
09 91 13 00-0330		Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)*		
09 91 13 00-0331	SF	1 Coat, White Elastomeric Lquid Silicone Roof Membrane Coating (ICP APOC® Armor Flex® AP-585) Note: Per Coat	3.87	
09 91 13 00-0332		Acrylic Latex Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0307)* Note: (Henry)		
09 91 13 00-0333	SF	1 Coat, Premium Gray Elastomeric Roof Base Coating (Henry 291)	1.39	
09 91 13 00-0334	SF	1 Coat, White Acrylic Latex Roof Coating (Henry 280DC)	1.26	
09 91 13 00-0335	SF	1 Coat, White Elastomeric Roof Coating (Henry SolarFlex 287)	1.11	
09 91 13 00-0336		Acrylic Coating For All Types Of Roofs *(09 91 13 00-0307)* Note: (GAF)		
09 91 13 00-0337	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Base Coating (GAF Roof Mate™ Base Coat)	1.09	
09 91 13 00-0338	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Top Coating (GAF Roof Mate™ Top Coat)	1.26	
09 91 13 00-0339		Paint Metal Surfaces *(09 91 13)* Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0340		Paint Structural Steel *(09 91 13 00-0339)*		
09 91 13 00-0341		Paint Structural Steel, Brush Work *(09 91 13 00-0340)*		
09 91 13 00-0342	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	1.08	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0343	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.97	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0344		Paint Structural Steel, Spray Work *(09 91 13 00-0340)*		
09 91 13 00-0345	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.82	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0346	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.69	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0347		Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0340)*		
09 91 13 00-0348	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	0.92	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0349	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.92	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0350	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.55	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0351	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.33	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0352	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.28	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0353	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.43	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For Epoxy Paint, Add	*0.37*	
09 91 13 00-0354	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	1.13	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0355	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	1.13	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0356	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	1.94	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For Epoxy Paint, Add	*0.31*	

09 91 13 00-0357 Paint Steel Pipes *(09 91 13 00-0339)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0358	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.76	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0359	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.97	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0360	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	2.23	
		For Electrostatic Painting, Add	*0.30*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0361	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.77	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0362	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	3.50	
		For Electrostatic Painting, Add	*0.46*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0363	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.76	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0364	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.97	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0365	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	2.23	
		For Electrostatic Painting, Add	*0.30*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0366	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	2.77	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0367	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	3.50	
		For Electrostatic Painting, Add	*0.46*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0368	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	3.60	
		For Electrostatic Painting, Add	*0.50*	
		For Epoxy Paint, Add	*0.47*	
09 91 13 00-0369	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	3.94	
		For Electrostatic Painting, Add	*0.52*	
		For Epoxy Paint, Add	*0.46*	
09 91 13 00-0370	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	4.26	
		For Electrostatic Painting, Add	*0.57*	
		For Epoxy Paint, Add	*0.50*	
09 91 13 00-0371	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	5.38	
		For Electrostatic Painting, Add	*0.72*	
		For Epoxy Paint, Add	*0.62*	
09 91 13 00-0372	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	6.63	
		For Electrostatic Painting, Add	*0.89*	
		For Epoxy Paint, Add	*0.78*	
09 91 13 00-0373	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	8.36	
		For Electrostatic Painting, Add	*0.89*	
		For Epoxy Paint, Add	*0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 13 00-0374 Paint Metal Louvers *(09 91 13 00-0339)*

09 91 13 00-0375	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.46	
		For Electrostatic Painting, Add	*0.18*	
09 91 13 00-0376	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.49	
		For Electrostatic Painting, Add	*0.19*	
09 91 13 00-0377	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	3.06	
		For Electrostatic Painting, Add	*0.39*	

09 91 13 00-0378 Paint Ladders *(09 91 13 00-0339)*

09 91 13 00-0379	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	3.93	
		For Epoxy Paint, Add	*0.25*	
09 91 13 00-0380	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	4.38	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0381	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	8.63	
		For Epoxy Paint, Add	*0.51*	

09 91 13 00-0382 Paint Handrails *(09 91 13 00-0339)*

09 91 13 00-0383	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.58	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0384	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.75	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0385	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.86	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0386	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.00	
		For Epoxy Paint, Add	*0.41*	
09 91 13 00-0387	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.26	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0388	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	5.55	
		For Epoxy Paint, Add	*0.66*	
09 91 13 00-0389	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.21	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0390	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.50	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0391	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	5.87	
		For Epoxy Paint, Add	*0.68*	
09 91 13 00-0392	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.78	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0393	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	1.95	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0394	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	3.58	
		For Epoxy Paint, Add	*0.44*	

09 91 13 00-0395 Paint Grating *(09 91 13 00-0339)*

09 91 13 00-0396	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	2.87	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0397	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	2.93	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0398	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	4.43	
		For Epoxy Paint, Add	*0.37*	

09 91 13 00-0399 Equipment And Tanks *(09 91 13 00-0339)*

09 91 13 00-0400 Paint Valves *(09 91 13 00-0399)*

Note: Includes 1 coat primer and 1 coat paint finish

09 91 13 00-0401	EA	Prime And Paint 4" Diameter And Smaller Valve	30.78	
09 91 13 00-0402	EA	Prime And Paint 6" To 10" Diameter Valve	37.89	
09 91 13 00-0403	EA	Prime And Paint 12" To 18" Diameter Valve	49.72	
09 91 13 00-0404	EA	Prime And Paint 20" To 24" Diameter Valve	66.28	
09 91 13 00-0405	EA	Prime And Paint >24" To 36" Diameter Valve	89.95	
09 91 13 00-0406	EA	Prime And Paint >36" To 48" Diameter Valve	123.10	

09 91 13 00-0407 Paint Pumps And Motors *(09 91 13 00-0399)*

Note: Includes 1 coat primer and 1 coat paint finish

09 91 13 00-0408	EA	Prime And Paint Pump Under 1 HP	94.72	
09 91 13 00-0409	EA	Prime And Paint Pump, 1 HP To 5 HP	125.53	
09 91 13 00-0410	EA	Prime And Paint Pump, >5 HP To 10 HP	151.61	
09 91 13 00-0411	EA	Prime And Paint Pump, >10 HP To 20 HP	170.59	
09 91 13 00-0412	EA	Prime And Paint Pump, >20 HP To 30 HP	199.01	
09 91 13 00-0413	EA	Prime And Paint Pump, >30 HP To 50 HP	227.45	
09 91 13 00-0414	EA	Prime And Paint Pump, >50 HP To 75 HP	251.16	
09 91 13 00-0415	EA	Prime And Paint Pump, >75 HP	284.32	

09 91 13 00-0416 Paint Storage Tanks *(09 91 13 00-0399)*

09 91 13 00-0417	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.22	
09 91 13 00-0418	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.62	
09 91 13 00-0419	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	3.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0420	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.61	
09 91 13 00-0421	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	2.06	
09 91 13 00-0422	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.95	
09 91 13 00-0423	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.32	
09 91 13 00-0424	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.64	
09 91 13 00-0425	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	3.18	
09 91 13 00-0426	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.50	
09 91 13 00-0427	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.99	
09 91 13 00-0428	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.85	

09 91 13 00-0429 Other Site Work Painting *(09 91 13)*

09 91 13 00-0430 Paint Fencing *(09 91 13 00-0429)*

Note: Per side of fence. Based on gross fence area (length of fence x height of fence).

09 91 13 00-0431	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.88	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0432	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.67	
		For Epoxy Paint, Add	*0.21*	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 91 13 00-0433	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.82	
		For Epoxy Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0434	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.56	
		For Epoxy Paint, Add	*0.24*	
		For Electrostatic Painting, Add	*0.24*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0435	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.82	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0436	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.76	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0437	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.56	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0438	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	1.03	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0439	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	1.03	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0440	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.74	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0441	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.78	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0442	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.42	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0443	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.65	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0444	SF	2 Coats Paint, Sprayed, Paint Wood Fences	1.22	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	

09 91 13 00-0445 Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0429)*

09 91 13 00-0446	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.12	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0447	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.13	
09 91 13 00-0448	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	5.59	
09 91 13 00-0449	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.00	
09 91 13 00-0450	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.02	
09 91 13 00-0451	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	3.75	
09 91 13 00-0452		**Paint Shutters Or Blinds, Louvered Panel** *(09 91 13 00-0429)*		
09 91 13 00-0453	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.84	
09 91 13 00-0454	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.85	
09 91 13 00-0455	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	6.87	
09 91 13 00-0456	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.43	
09 91 13 00-0457	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.45	
09 91 13 00-0458	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	4.52	
09 91 13 00-0459		**Paint Flagpoles** *(09 91 13 00-0429)*		
09 91 13 00-0460	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	233.88	
09 91 13 00-0461	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	315.58	
09 91 13 00-0462	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	397.32	
09 91 13 00-0463	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	479.07	
09 91 13 00-0464	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	631.76	
09 91 13 00-0465	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	712.15	
09 91 13 00-0466	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	792.57	
09 91 13 00-0467		**Paint Lattice Or Trellis** *(09 91 13 00-0429)*		
09 91 13 00-0468	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.57	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 91 13 00-0469	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	2.92	
		For Up To 100, Add	*1.91*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 91 13 00-0470		**Paint Exterior Stairs** *(09 91 13)*		
09 91 13 00-0471		**Paint Exterior Concrete Stairs** *(09 91 13 00-0470)*		
09 91 13 00-0472	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	17.10	
09 91 13 00-0473	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	17.10	
09 91 13 00-0474	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	23.28	
09 91 13 00-0475	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	41.24	
09 91 13 00-0476	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Concrete Stair	34.21	
09 91 13 00-0477		**Paint Exterior Metal Stairs** *(09 91 13 00-0470)*		
09 91 13 00-0478	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	9.08	
		For Oil Based Paint, Add	*0.50*	
09 91 13 00-0479	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	9.08	
		For Oil Based Paint, Add	*0.50*	
09 91 13 00-0480	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Metal Stair	18.15	
		For Oil Based Paint, Add	*1.00*	
09 91 13 00-0481		**Paint Exterior Wood Stairs** *(09 91 13 00-0470)*		
09 91 13 00-0482	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	8.95	
09 91 13 00-0483	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	8.95	
09 91 13 00-0484	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	15.13	
09 91 13 00-0485	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	33.09	
09 91 13 00-0486	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Exterior Wood Stair	17.89	
09 91 13 00-0487		**Paint Exterior Stair Nosing** *(09 91 13 00-0470)*		
09 91 13 00-0488	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.68	
09 91 13 00-0489		**Paint Exterior Trim** *(09 91 13)*		
09 91 13 00-0490		**Paint Exterior Metal Trim And Gutters** *(09 91 13 00-0489)*		
09 91 13 00-0491	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.20	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0492	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.30	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0493	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.37	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.04*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0494	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.09	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0495	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.18	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0496	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	2.13	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.91*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0497	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.87	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0498	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.33	
		For Work >15' To 20' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.91*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.25*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0499 Paint Exterior Wood Trim *(09 91 13 00-0489)*

09 91 13 00-0500	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	1.74	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0501	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	1.89	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0502	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	3.44	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000 To 20,000, Deduct	*-0.52*	
		For >20,000, Deduct	*-0.69*	
09 91 13 00-0503	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.41	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0504	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.55	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0505	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	2.91	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0506	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	1.20	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0507	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	1.35	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0508	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim	2.55	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	

09 91 13 00-0509 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0510	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.45	
		For Epoxy Paint, Add	*0.19*	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0511	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.32	
		For Epoxy Paint, Add	*0.14*	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0512	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	2.69	
		For Epoxy Paint, Add	*0.30*	
		For Electrostatic Painting, Add	*0.35*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0339 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls	0.20	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0005	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.23	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0006	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	2.22	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	1.89	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0010	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.09*	
09 91 23 00-0011	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	
09 91 23 00-0012	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.54	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Backroll, Add	*0.17*	
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	1.12	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	0.92	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0015	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.84	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	

09 91 23 00-0016 Paint Interior Concrete Walls *(09 91 23 00-0001)*

09 91 23 00-0017	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0018	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0019	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.83	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0020	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0021	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0022	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.53	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0023	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0024	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0025	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	
09 91 23 00-0026	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0027	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.77	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0028	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.69	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	
09 91 23 00-0029	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.16	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)*

09 91 23 00-0032	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.49	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.27	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.46	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.62	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.05	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.16	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.18	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.89	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.07	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.12*	
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.96	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Backroll, Add	*0.21*	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.23	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0044	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.17	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0045	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0046	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.53	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.54	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0048	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0049	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0050	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.11	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0051	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.32	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0052	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.90	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0053	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.12*	
09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.71	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
		For Backroll, Add	*0.19*	
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.22	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0056		Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*		
09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	1.21	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	1.03	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.11*	
09 91 23 00-0060		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*		
09 91 23 00-0061		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)*		
09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls	0.16	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.83	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.53	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.21*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0069	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0070	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0071	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	

09 91 23 00-0072 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

09 91 23 00-0073	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.02	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0074	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.20	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0075	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.37	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.47*	

09 91 23 00-0076 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0077	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.83	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0078	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.98	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0079	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.54	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0080	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.52	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

09 91 23 00-0081 Paint Interior Metal Walls *(09 91 23 00-0001)*

09 91 23 00-0082 Paint Interior Galvanized Walls *(09 91 23 00-0081)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0083	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	1.23	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0084	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.35	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0085	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.48	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0086	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	0.92	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0087	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	1.06	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0088	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	2.00	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0089	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.82	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.08*	
09 91 23 00-0090	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	1.05	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.11*	
09 91 23 00-0091	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.78	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Backroll, Add	*0.18*	

09 91 23 00-0092 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0081)*

Note: Alkyd enamel paint.

09 91 23 00-0093	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.23	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0094	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.35	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0095	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.47	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0096	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.04	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0097	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.17	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0098	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	2.22	
		For Electrostatic Painting, Add	*0.35*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0099	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.90	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.09*	
09 91 23 00-0100	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.05	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.11*	
09 91 23 00-0101	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.78	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Backroll, Add	*0.18*	

09 91 23 00-0102 Paint Interior Corrugated Metal Walls *(09 91 23 00-0081)*

09 91 23 00-0103	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	1.01	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0104	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.32	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.15*	
09 91 23 00-0105	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	2.23	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.45*	
		For Backroll, Add	*0.24*	

09 91 23 00-0106 Paint Interior Stucco Walls *(09 91 23 00-0001)*

09 91 23 00-0107	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces	0.29	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 91 23 00-0108	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0109	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.72	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0110	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	3.04	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	
09 91 23 00-0111	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0112	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.34	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0113	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	2.46	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0114	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0115	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.13*	
09 91 23 00-0116	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	2.12	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
		For Backroll, Add	*0.26*	

09 91 23 00-0117 Paint Interior Wood Walls *(09 91 23 00-0001)*

09 91 23 00-0118 Interior Wood Walls *(09 91 23 00-0117)*

09 91 23 00-0119	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.19	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0120	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.17	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0121	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.14	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0122	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0123	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0124	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.68	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0125	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0126	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0127	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.48	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
		For Backroll, Add	*0.17*	

09 91 23 00-0128 Paint Interior Ceilings *(09 91 23)*

09 91 23 00-0129 Paint Interior Acoustical Ceilings *(09 91 23 00-0128)*

Note: Includes grid.

09 91 23 00-0130	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.32	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0131	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0132	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.13	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0133	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	2.01	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0134	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0135	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0136	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.63	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0137	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0138	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0139	SF	2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.16*	

09 91 23 00-0140 Paint Interior Concrete Ceilings *(09 91 23 00-0128)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0141	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.18	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0142	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	1.03	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0143	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.12	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0144	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	2.01	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0145	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0146	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0147	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.64	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0148	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0149	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0150	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.27	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Backroll, Add	*0.16*	
09 91 23 00-0151	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	1.07	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0152	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.82	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0153	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.82	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	

09 91 23 00-0154 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0128)*

09 91 23 00-0155	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.18	
		For Epoxy Paint, Add	*0.02*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0156	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	1.04	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0157	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.13	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0158	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	2.01	
		For Epoxy Paint, Add	*0.18*	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0159	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.89	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0160	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.88	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0161	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.63	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0162	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.82	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0163	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.79	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0164	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.29	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.16*	

09 91 23 00-0165 Paint Interior Metal Ceilings *(09 91 23 00-0128)*

09 91 23 00-0166 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0165)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0167	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.35	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0168	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.47	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0169	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	2.71	
		For Electrostatic Painting, Add	*0.38*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0170	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.05	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0171	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.17	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0172	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	2.16	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0173	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	1.05	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.11*	
09 91 23 00-0174	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	1.20	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0175	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	1.94	
		For Electrostatic Painting, Add	*0.32*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Backroll, Add	*0.21*	

09 91 23 00-0176 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0165)*

Note: Alkyd enamel paint.

09 91 23 00-0177	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.35	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0178	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.47	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0179	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.71	
		For Electrostatic Painting, Add	*0.38*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0180	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.17	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0181	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.29	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0182	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.45	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0183	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.05	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.11*	
09 91 23 00-0184	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.20	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0185	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.94	
		For Electrostatic Painting, Add	*0.32*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Backroll, Add	*0.21*	

09 91 23 00-0186 Paint Interior Ceiling Tile Grid *(09 91 23 00-0165)*

Note: Grid only.

09 91 23 00-0187	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.28	
		For Electrostatic Painting, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 91 23 00-0188	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.57	
		For Electrostatic Painting, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	

09 91 23 00-0189 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0165)*

09 91 23 00-0190	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.40	
		For Electrostatic Painting, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
		For Backroll, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0191	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.60	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Backroll, Add	*0.18*	
09 91 23 00-0192	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	2.59	
		For Electrostatic Painting, Add	*0.43*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
		For Backroll, Add	*0.27*	

09 91 23 00-0193 Paint Interior Wood Ceilings *(09 91 23 00-0128)*

09 91 23 00-0194 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0193)*

09 91 23 00-0195	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling	0.21	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0196	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0197	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.32	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0198	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	2.39	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0199	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0200	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0201	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	2.08	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0202	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0203	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.13*	
09 91 23 00-0204	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.50	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Backroll, Add	*0.18*	

09 91 23 00-0205 Paint Interior Wood Beams *(09 91 23 00-0128)*

09 91 23 00-0206	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0207	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.43	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0208	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	2.62	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 23 00-0209	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0210	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0211	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	2.08	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0212	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.13*	
09 91 23 00-0213	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	0.98	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.13*	
09 91 23 00-0214	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.63	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
		For Backroll, Add	*0.20*	

09 91 23 00-0215 Paint Interior Floors And Decks *(09 91 23)*

09 91 23 00-0216 Paint Interior Concrete Floors And Decks *(09 91 23 00-0215)*

09 91 23 00-0217	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0218	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0219	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0220	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.72	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0221	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0222	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.75	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0223	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0224	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0225	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0226	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.13*	
09 91 23 00-0227	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.82	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0228	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0229	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.68	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	
09 91 23 00-0230	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.38	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0231	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.88	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.38*	

09 91 23 00-0232 Paint Interior Wood Floors And Decks *(09 91 23 00-0215)*

09 91 23 00-0233	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.17	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0234	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0235	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0236	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	2.01	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0237	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0238	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0239	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.71	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0240	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	
09 91 23 00-0241	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0242	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.22	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.14*	
09 91 23 00-0243	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.39	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0244	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.88	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.38*	

09 91 23 00-0245 Paint Interior Doors And Windows *(09 91 23)*

09 91 23 00-0246 Paint Interior Door Frames *(09 91 23 00-0245)*

09 91 23 00-0247	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.31*	
09 91 23 00-0248	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.54	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0249	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	2.60	
		For Oil Based Paint, Add	*0.14*	
		For Painting One Face Of Frame Only, Deduct	*-0.68*	
09 91 23 00-0250	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.23	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.33*	
09 91 23 00-0251	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.59	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.42*	
09 91 23 00-0252	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.68	
		For Oil Based Paint, Add	*0.15*	
		For Painting One Face Of Frame Only, Deduct	*-0.71*	

09 91 23 00-0253 Paint Interior Metal Doors *(09 91 23 00-0245)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0254	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	61.06	
		For Electrostatic Painting, Add	*9.91*	
		For Half Louvered Door, Add	*5.36*	
		For Full Louvered Door, Add	*8.93*	
		For Oil Based Paint, Add	*4.32*	
		For >5 To 10, Deduct	*-3.05*	
		For >10 To 25, Deduct	*-6.11*	
		For >25, Deduct	*-9.16*	
09 91 23 00-0255	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	61.06	
		For Electrostatic Painting, Add	*9.91*	
		For Half Louvered Door, Add	*5.36*	
		For Full Louvered Door, Add	*8.93*	
		For Oil Based Paint, Add	*4.32*	
		For >5 To 10, Deduct	*-3.05*	
		For >10 To 25, Deduct	*-6.11*	
		For >25, Deduct	*-9.16*	
09 91 23 00-0256	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	110.69	
		For Electrostatic Painting, Add	*18.63*	
		For Half Louvered Door, Add	*9.05*	
		For Full Louvered Door, Add	*15.08*	
		For Oil Based Paint, Add	*8.05*	
		For >5 To 10, Deduct	*-5.53*	
		For >10 To 25, Deduct	*-11.07*	
		For >25, Deduct	*-16.60*	
09 91 23 00-0257	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	109.57	
		For Electrostatic Painting, Add	*17.79*	
		For Half Louvered Door, Add	*9.60*	
		For Full Louvered Door, Add	*16.01*	
		For Oil Based Paint, Add	*7.76*	
		For >5 To 10, Deduct	*-5.48*	
		For >10 To 25, Deduct	*-10.96*	
		For >25, Deduct	*-16.44*	
09 91 23 00-0258	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	109.58	
		For Electrostatic Painting, Add	*17.79*	
		For Half Louvered Door, Add	*9.60*	
		For Full Louvered Door, Add	*16.01*	
		For Oil Based Paint, Add	*7.76*	
		For >5 To 10, Deduct	*-5.48*	
		For >10 To 25, Deduct	*-10.96*	
		For >25, Deduct	*-16.44*	
09 91 23 00-0259	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	199.45	
		For Electrostatic Painting, Add	*33.61*	
		For Half Louvered Door, Add	*16.25*	
		For Full Louvered Door, Add	*27.09*	
		For Oil Based Paint, Add	*14.53*	
		For >5 To 10, Deduct	*-9.97*	
		For >10 To 25, Deduct	*-19.95*	
		For >25, Deduct	*-29.92*	
09 91 23 00-0260	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	54.86	
		For Electrostatic Painting, Add	*9.67*	
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For Oil Based Paint, Add	*4.14*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
		For Backroll, Add	*5.44*	
09 91 23 00-0261	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	54.86	
		For Electrostatic Painting, Add	*9.67*	
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For Oil Based Paint, Add	*4.14*	
		For >5 To 10, Deduct	*-2.74*	
		For >10 To 25, Deduct	*-5.49*	
		For >25, Deduct	*-8.23*	
		For Backroll, Add	*5.44*	
09 91 23 00-0262	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	100.97	
		For Electrostatic Painting, Add	*18.41*	
		For Half Louvered Door, Add	*6.83*	
		For Full Louvered Door, Add	*11.39*	
		For Oil Based Paint, Add	*7.82*	
		For >5 To 10, Deduct	*-5.05*	
		For >10 To 25, Deduct	*-10.10*	
		For >25, Deduct	*-15.15*	
		For Backroll, Add	*9.60*	
09 91 23 00-0263	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	98.48	
		For Electrostatic Painting, Add	*17.36*	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For Oil Based Paint, Add	*7.43*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	
		For Backroll, Add	*9.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0264	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	98.48	
		For Electrostatic Painting, Add	*17.36*	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For Oil Based Paint, Add	*7.43*	
		For >5 To 10, Deduct	*-4.92*	
		For >10 To 25, Deduct	*-9.85*	
		For >25, Deduct	*-14.77*	
		For Backroll, Add	*9.76*	
09 91 23 00-0265	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	182.07	
		For Electrostatic Painting, Add	*33.24*	
		For Half Louvered Door, Add	*12.28*	
		For Full Louvered Door, Add	*20.46*	
		For Oil Based Paint, Add	*14.11*	
		For >5 To 10, Deduct	*-9.10*	
		For >10 To 25, Deduct	*-18.21*	
		For >25, Deduct	*-27.31*	
		For Backroll, Add	*17.29*	

09 91 23 00-0266 Paint Interior Wood Doors *(09 91 23 00-0245)*

09 91 23 00-0267	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	52.18	
		For Oil Based Paint, Add	*3.43*	
		For Half Louvered Door, Add	*5.36*	
		For Full Louvered Door, Add	*8.93*	
		For >5 To 10, Deduct	*-2.61*	
		For >10 To 25, Deduct	*-5.22*	
		For >25, Deduct	*-7.83*	
09 91 23 00-0268	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	52.18	
		For Oil Based Paint, Add	*3.43*	
		For Half Louvered Door, Add	*5.36*	
		For Full Louvered Door, Add	*8.93*	
		For >5 To 10, Deduct	*-2.61*	
		For >10 To 25, Deduct	*-5.22*	
		For >25, Deduct	*-7.83*	
09 91 23 00-0269	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	93.05	
		For Oil Based Paint, Add	*6.29*	
		For Half Louvered Door, Add	*9.05*	
		For Full Louvered Door, Add	*15.08*	
		For >5 To 10, Deduct	*-4.65*	
		For >10 To 25, Deduct	*-9.31*	
		For >25, Deduct	*-13.96*	
09 91 23 00-0270	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	93.62	
		For Oil Based Paint, Add	*6.16*	
		For Half Louvered Door, Add	*9.60*	
		For Full Louvered Door, Add	*16.01*	
		For >5 To 10, Deduct	*-4.68*	
		For >10 To 25, Deduct	*-9.36*	
		For >25, Deduct	*-14.04*	
09 91 23 00-0271	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	93.62	
		For Oil Based Paint, Add	*6.16*	
		For Half Louvered Door, Add	*9.60*	
		For Full Louvered Door, Add	*16.01*	
		For >5 To 10, Deduct	*-4.68*	
		For >10 To 25, Deduct	*-9.36*	
		For >25, Deduct	*-14.04*	
09 91 23 00-0272	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	167.53	
		For Oil Based Paint, Add	*11.34*	
		For Half Louvered Door, Add	*16.25*	
		For Full Louvered Door, Add	*27.09*	
		For >5 To 10, Deduct	*-8.38*	
		For >10 To 25, Deduct	*-16.75*	
		For >25, Deduct	*-25.13*	
09 91 23 00-0273	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	45.09	
		For Oil Based Paint, Add	*3.16*	
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.51*	
		For >25, Deduct	*-6.76*	
		For Backroll, Add	*4.95*	
09 91 23 00-0274	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	45.09	
		For Oil Based Paint, Add	*3.16*	
		For Half Louvered Door, Add	*4.05*	
		For Full Louvered Door, Add	*6.75*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.51*	
		For >25, Deduct	*-6.76*	
		For Backroll, Add	*4.95*	
09 91 23 00-0275	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	81.58	
		For Oil Based Paint, Add	*5.88*	
		For Half Louvered Door, Add	*6.84*	
		For Full Louvered Door, Add	*11.40*	
		For >5 To 10, Deduct	*-4.08*	
		For >10 To 25, Deduct	*-8.16*	
		For >25, Deduct	*-12.24*	
		For Backroll, Add	*8.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0276	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	80.92	
		For Oil Based Paint, Add	*5.67*	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For >5 To 10, Deduct	*-4.05*	
		For >10 To 25, Deduct	*-8.09*	
		For >25, Deduct	*-12.14*	
		For Backroll, Add	*8.88*	
09 91 23 00-0277	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	80.92	
		For Oil Based Paint, Add	*5.67*	
		For Half Louvered Door, Add	*7.26*	
		For Full Louvered Door, Add	*12.09*	
		For >5 To 10, Deduct	*-4.05*	
		For >10 To 25, Deduct	*-8.09*	
		For >25, Deduct	*-12.14*	
		For Backroll, Add	*8.88*	
09 91 23 00-0278	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	146.95	
		For Oil Based Paint, Add	*10.60*	
		For Half Louvered Door, Add	*12.28*	
		For Full Louvered Door, Add	*20.46*	
		For >5 To 10, Deduct	*-7.35*	
		For >10 To 25, Deduct	*-14.70*	
		For >25, Deduct	*-22.04*	
		For Backroll, Add	*15.53*	

09 91 23 00-0279 Paint Interior Metal Windows *(09 91 23 00-0245)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0280	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	96.88	
		For Oil Based Paint, Add	*5.69*	
		For Electrostatic Painting, Add	*12.21*	
		For >5 To 10, Deduct	*-4.84*	
		For >10 To 25, Deduct	*-9.69*	
		For >25, Deduct	*-14.53*	
09 91 23 00-0281	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	118.37	
		For Oil Based Paint, Add	*7.22*	
		For Electrostatic Painting, Add	*15.74*	
		For >5 To 10, Deduct	*-5.92*	
		For >10 To 25, Deduct	*-11.84*	
		For >25, Deduct	*-17.76*	
09 91 23 00-0282	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	160.10	
		For Oil Based Paint, Add	*9.85*	
		For Electrostatic Painting, Add	*21.55*	
		For >5 To 10, Deduct	*-8.01*	
		For >10 To 25, Deduct	*-16.01*	
		For >25, Deduct	*-24.02*	
09 91 23 00-0283	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	180.33	
		For Oil Based Paint, Add	*11.10*	
		For Electrostatic Painting, Add	*24.30*	
		For >5 To 10, Deduct	*-9.02*	
		For >10 To 25, Deduct	*-18.03*	
		For >25, Deduct	*-27.05*	
09 91 23 00-0284	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	199.88	
		For Oil Based Paint, Add	*12.29*	
		For Electrostatic Painting, Add	*26.88*	
		For >5 To 10, Deduct	*-9.99*	
		For >10 To 25, Deduct	*-19.99*	
		For >25, Deduct	*-29.98*	
09 91 23 00-0285	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	6.34	
		For Oil Based Paint, Add	*0.39*	
		For Electrostatic Painting, Add	*0.85*	

09 91 23 00-0286 Paint Interior Wood Windows *(09 91 23 00-0245)*

Note: Two finish coats paint over primer.

09 91 23 00-0287	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	90.99	
		For Oil Based Paint, Add	*5.10*	
		For >5 To 10, Deduct	*-4.55*	
		For >10 To 25, Deduct	*-9.10*	
		For >25, Deduct	*-13.65*	
09 91 23 00-0288	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	109.26	
		For Oil Based Paint, Add	*6.31*	
		For >5 To 10, Deduct	*-5.46*	
		For >10 To 25, Deduct	*-10.93*	
		For >25, Deduct	*-16.39*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0289	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work		155.28	
		For Oil Based Paint, Add		*8.96*	
		For >5 To 10, Deduct		*-7.76*	
		For >10 To 25, Deduct		*-15.53*	
		For >25, Deduct		*-23.29*	
09 91 23 00-0290	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work		174.84	
		For Oil Based Paint, Add		*10.10*	
		For >5 To 10, Deduct		*-8.74*	
		For >10 To 25, Deduct		*-17.48*	
		For >25, Deduct		*-26.23*	
09 91 23 00-0291	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work		183.79	
		For Oil Based Paint, Add		*10.68*	
		For >5 To 10, Deduct		*-9.19*	
		For >10 To 25, Deduct		*-18.38*	
		For >25, Deduct		*-27.57*	
09 91 23 00-0292	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work		6.14	
		For Oil Based Paint, Add		*0.35*	

09 91 23 00-0293 Paint Interior Security Screens *(09 91 23 00-0245)*

09 91 23 00-0294	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen		1.56	
		For Oil Based Paint, Add		*0.10*	
		For Electrostatic Painting, Add		*0.21*	
09 91 23 00-0295	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen		1.57	
		For Oil Based Paint, Add		*0.09*	
		For Electrostatic Painting, Add		*0.20*	
09 91 23 00-0296	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen		2.61	
		For Oil Based Paint, Add		*0.15*	
		For Electrostatic Painting, Add		*0.33*	

09 91 23 00-0297 Paint Interior Window Guards *(09 91 23 00-0245)*

09 91 23 00-0298	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards		1.56	
		For Oil Based Paint, Add		*0.10*	
09 91 23 00-0299	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards		1.57	
		For Oil Based Paint, Add		*0.09*	
09 91 23 00-0300	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards		2.61	
		For Oil Based Paint, Add		*0.15*	

09 91 23 00-0301 Paint Interior Window Trim *(09 91 23 00-0245)*

09 91 23 00-0302	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim		1.45	
		For Oil Based Paint, Add		*0.09*	
		For Painting One Face Of Frame Only, Deduct		*-0.41*	
09 91 23 00-0303	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim		1.45	
		For Oil Based Paint, Add		*0.09*	
		For Painting One Face Of Frame Only, Deduct		*-0.41*	
09 91 23 00-0304	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim		3.18	
		For Oil Based Paint, Add		*0.19*	
		For Painting One Face Of Frame Only, Deduct		*-0.89*	
09 91 23 00-0305	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.		1.70	
		For Painting One Face Of Frame Only, Deduct		*-0.51*	
09 91 23 00-0306	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.		1.70	
		For Painting One Face Of Frame Only, Deduct		*-0.51*	
09 91 23 00-0307	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.		3.67	
		For Painting One Face Of Frame Only, Deduct		*-1.09*	

09 91 23 00-0308 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0309 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0308)*

09 91 23 00-0310	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework		1.32	
		For >5,000 To 10,000, Deduct		*-0.07*	
		For >10,000 To 20,000, Deduct		*-0.13*	
		For >20,000, Deduct		*-0.20*	
09 91 23 00-0311	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework		1.82	
		For >5,000 To 10,000, Deduct		*-0.09*	
		For >10,000 To 20,000, Deduct		*-0.18*	
		For >20,000, Deduct		*-0.27*	
09 91 23 00-0312	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework		2.97	
		For >5,000 To 10,000, Deduct		*-0.15*	
		For >10,000 To 20,000, Deduct		*-0.30*	
		For >20,000, Deduct		*-0.45*	

09 91 23 00-0313 Paint Exposed Metal Lockers And Cabinets *(09 91 23 00-0308)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0314	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.45	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0315	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.44	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0316	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.69	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0317 Paint Interior Stairs *(09 91 23)*

09 91 23 00-0318 Paint Interior Concrete Stairs *(09 91 23 00-0317)*

Note: Includes the riser and tread.

09 91 23 00-0319	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	18.73	
09 91 23 00-0320	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	18.73	
09 91 23 00-0321	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair Note: Excludes riser.	16.03	
09 91 23 00-0322	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair Note: Excludes riser.	33.99	
09 91 23 00-0323	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Concrete Stair	37.45	

09 91 23 00-0324 Paint Interior Metal Stairs *(09 91 23 00-0317)*

Note: Includes the riser and tread.

09 91 23 00-0325	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	10.37	
09 91 23 00-0326	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	9.98	
09 91 23 00-0327	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Metal Stair	19.97	

09 91 23 00-0328 Paint Interior Wood Stairs *(09 91 23 00-0317)*

Note: Includes the riser and tread.

09 91 23 00-0329	RSR	1 Coat Primer, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	9.66	
09 91 23 00-0330	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	9.65	
09 91 23 00-0331	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair Note: Excludes riser.	11.50	
09 91 23 00-0332	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair Note: Excludes riser.	29.46	
09 91 23 00-0333	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Up To 4' Wide Interior Wood Stair	19.31	

09 91 23 00-0334 Paint Interior Stair Nosing *(09 91 23 00-0317)*

09 91 23 00-0335	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.63	

09 91 23 00-0336 Paint Interior Trim *(09 91 23)*

09 91 23 00-0337 Paint Interior Metal Trim *(09 91 23 00-0336)*

09 91 23 00-0338	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.30	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.16*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.27*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.42*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.58*	
09 91 23 00-0339	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.42	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.18*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.30*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.47*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.65*	
09 91 23 00-0340	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	2.57	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.31*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.52*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.84*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0341	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.09	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0342	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.19	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0343	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	2.16	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0344		Paint Interior Wood Trim *(09 91 23 00-0336)*		
09 91 23 00-0345	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	0.81	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0346	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.90	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.05*	
09 91 23 00-0347	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.88	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0348	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.51	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.21*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.14*	
09 91 23 00-0349	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.79	
		For Work >15' To 20' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.98*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.34*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0350	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	5.05	
		For Work >15' To 20' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*2.39*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.29*	
09 91 23 00-0351	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	2.06	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0352	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.30	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.07*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0353	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	4.15	
		For Work >15' To 20' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.90*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.24*	

09 91 23 00-0354 Paint Interior Metal Surfaces *(09 91 23)*

09 91 23 00-0355 Paint Interior Miscellaneous Metal Surfaces *(09 91 23 00-0354)*

09 91 23 00-0356	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	0.89	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0357	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.08	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0358	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.88	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0359	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.23	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Backroll, Add	*0.16*	
09 91 23 00-0360	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.23	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Backroll, Add	*0.16*	
09 91 23 00-0361	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	2.01	
		For Electrostatic Painting, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Backroll, Add	*0.25*	
09 91 23 00-0362	LF	1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal	0.18	
		For Electrostatic Painting, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 23 00-0363 Paint Additives *(09 91 23)*

09 91 23 00-0364	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0365	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.08	
		For Class "A" Fire Rating, Add	*0.08*	

09 91 23 00-0366 Hand Painting Letters/Numbers *(09 91 23)*

Note: Painting on walls, floors, poles, signs, etc.

09 91 23 00-0367	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.53	
09 91 23 00-0368	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.94	
09 91 23 00-0369	EA	2" To 3" High, Hand Paint, Per Letter/Number	4.44	
09 91 23 00-0370	EA	3" To 4" High, Hand Paint, Per Letter/Number	5.43	
09 91 23 00-0371	EA	4" To 6" High, Hand Paint, Per Letter/Number	7.49	
09 91 23 00-0372	EA	6" To 12" High, Hand Paint, Per Letter/Number	9.49	
09 91 23 00-0373	EA	Over 12" High, Hand Paint, Per Letter/Number	11.13	

09 91 23 00-0374 Glove/Mitt Application *(09 91 23)*

09 91 23 00-0375 Conduit/Pipe *(09 91 23 00-0374)*

09 91 23 00-0376	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	47.61	
		For Work >15' To 20' Above Floor, Add		*6.65*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*11.08*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*17.73*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*24.38*
		Note: Applied only to work area above 40'.		
09 91 23 00-0377	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	79.69	
		For Work >15' To 20' Above Floor, Add		*7.98*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*13.30*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*21.28*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*29.26*
		Note: Applied only to work area above 40'.		
09 91 23 00-0378	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	62.87	
		For Work >15' To 20' Above Floor, Add		*5.85*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*9.75*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*15.60*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*21.46*
		Note: Applied only to work area above 40'.		
09 91 23 00-0379	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	51.60	
		For Work >15' To 20' Above Floor, Add		*4.39*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*7.32*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*11.70*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*16.09*
		Note: Applied only to work area above 40'.		
09 91 23 00-0380	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	98.21	
		For Work >15' To 20' Above Floor, Add		*6.65*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*11.08*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*17.73*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*24.38*
		Note: Applied only to work area above 40'.		
09 91 23 00-0381	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	90.66	
		For Work >15' To 20' Above Floor, Add		*5.85*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*9.75*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*15.60*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*21.46*
		Note: Applied only to work area above 40'.		

09 91 23 00-0382 Ductwork *(09 91 23 00-0374)*

09 91 23 00-0383	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	47.61	
		For Work >15' To 20' Above Floor, Add		*6.65*
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add		*11.08*
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add		*17.73*
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add		*24.38*
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0384	CSF	Metal Primer Ductwork With Glove/Mitt	77.25	
		For Work >15' To 20' Above Floor, Add	*6.65*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.08*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*24.38*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0385	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt	57.12	
		For Work >15' To 20' Above Floor, Add	*5.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.87*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.50*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0386	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt	94.34	
		For Work >15' To 20' Above Floor, Add	*6.65*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.08*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*24.38*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0387	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt	82.34	
		For Work >15' To 20' Above Floor, Add	*5.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.87*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.50*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0388 Stencil Painting Letters/Numbers *(09 91 23)*

Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.

09 91 23 00-0389	EA	Up To 1" High, Stencil Painting, Per Letter/Number	2.06	
		For >200 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.33*	
		For >2,000, Deduct	*-0.41*	
09 91 23 00-0390	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.39	
		For >200 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000 To 2,000, Deduct	*-0.38*	
		For >2,000, Deduct	*-0.48*	
09 91 23 00-0391	EA	2" To 3" High, Stencil Painting, Per Letter/Number	4.00	
		For >200 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 2,000, Deduct	*-0.64*	
		For >2,000, Deduct	*-0.80*	
09 91 23 00-0392	EA	3" To 4" High, Stencil Painting, Per Letter/Number	4.92	
		For >200 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 2,000, Deduct	*-0.79*	
		For >2,000, Deduct	*-0.98*	
09 91 23 00-0393	EA	4" To 6" High, Stencil Painting, Per Letter/Number	6.77	
		For >200 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,000, Deduct	*-1.08*	
		For >2,000, Deduct	*-1.35*	
09 91 23 00-0394	EA	6" To 12" High, Stencil Painting, Per Letter/Number	8.98	
		For >200 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000 To 2,000, Deduct	*-1.44*	
		For >2,000, Deduct	*-1.80*	
09 91 23 00-0395	EA	Over 12" High, Stencil Painting, Per Letter/Number	10.59	
		For >200 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000 To 2,000, Deduct	*-1.69*	
		For >2,000, Deduct	*-2.12*	

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	62.70	
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	39.95	
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	50.66	
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	143.49	
09 91 33 00-0006	EA	Cement Base Primer, 25 Lb. Sack	41.78	
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	64.41	
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	51.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	39.95	
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	36.30	
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	63.97	
09 91 33 00-0012	GAL	Acrylic Heavy-Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	53.27	
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	53.27	
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	60.06	
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	39.17	
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	107.32	
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	41.78	
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	33.42	
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	86.43	
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	53.89	
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	60.81	

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	29.24	
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	145.01	
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	15.67	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	90.61	
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	47.52	
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	20.81	
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	31.56	
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	86.07	
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	84.97	
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	69.36	
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	63.58	
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	60.34	
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	71.10	
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	63.12	
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	89.85	
09 91 33 00-0038	GAL	Cold Galvanizing Paint	363.46	
09 91 33 00-0039	GAL	High Heat Paint	151.93	
09 91 33 00-0040	GAL	Heat Resistant Paint	101.29	
09 91 33 00-0041	GAL	Zinc Chromate Paint	91.64	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	36.17	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	101.29	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	63.12	
09 91 33 00-0045	GAL	Alkyd Latex, Black	75.16	
09 91 33 00-0046	GAL	Alkyd Latex, White	68.33	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	82.40	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	92.45	
09 91 33 00-0049	GAL	Vinyl Paint	79.90	
09 91 33 00-0050	GAL	Silicone Alkyd	97.13	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	98.70	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	123.77	
09 91 33 00-0053	GAL	Chlorinated Rubber	90.87	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	94.00	
09 91 33 00-0055	GAL	Coal Tar Epoxy	67.37	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	84.08	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	109.67	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	75.20	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	47.78	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	58.88	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	97.92	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	33.16	
09 91 33 00-0063	GAL	Linseed Oil	28.98	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	47.52	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	53.53	
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	48.96	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	39.34	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	27.16	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	50.66	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	45.17	
09 91 33 00-0072	GAL	Varnish, Clear	47.42	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	34.44	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	30.78	
09 91 33 00-0075	GAL	Polyurethane	54.04	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	47.66	
09 91 33 00-0077	GAL	Shellac, Clear	62.53	
09 91 33 00-0078	GAL	Acetone	20.63	
09 91 33 00-0079	GAL	Paint Thinner	5.09	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	20.89	
09 91 33 00-0081	GAL	Turpentine	28.72	
09 91 33 00-0082	GAL	Wood Filler Paste	49.09	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	39.17	
09 91 33 00-0084	GAL	Water Based Alkyd Urethane (Sherwin Williams B53W01153)	106.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 91 43 00-0001 Protection Of Surfaces *(09 91 43)*

09 91 43 00-0002 SF Drop Cloths ... 0.42
Note: Remove after use.

09 91 43 00-0003 LF Painter Masking Tape ... 0.29
Note: Remove after use.

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing *(09 93)*

09 93 13 13 Exterior Staining *(09 93 13)*

09 93 13 13-0001 Wood Wall, Deck, Ceiling Finishes *(09 93 13 13)*

09 93 13 13-0002 Stain Wood Walls *(09 93 13 13-0001)*

09 93 13 13-0003 Stain Smooth Wood Walls *(09 93 13 13-0002)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 93 13 13-0004 SF Stain Exterior Wood Smooth Siding, 1 Coat Stain, Brush Work ... 1.02

For Work >20' To 30' Above Floor, Add 0.20
Note: Applied only to work area above 20'.
For Up To 100, Add 0.63
For >100 To 250, Add 0.30
For >250 To 500, Add 0.13
For >2,500 To 5,000, Deduct -0.05
For >5,000 To 10,000, Deduct -0.10
For >10,000 To 20,000, Deduct -0.15
For >20,000, Deduct -0.20

09 93 13 13-0005 SF Stain Exterior Wood Smooth Siding, 2 Coats Stain, Brush Work ... 1.84

For Work >20' To 30' Above Floor, Add 0.35
Note: Applied only to work area above 20'.
For Up To 100, Add 1.12
For >100 To 250, Add 0.53
For >250 To 500, Add 0.23
For >2,500 To 5,000, Deduct -0.09
For >5,000 To 10,000, Deduct -0.18
For >10,000 To 20,000, Deduct -0.28
For >20,000, Deduct -0.37

09 93 13 13-0006 SF Stain Exterior Wood Smooth Siding, 1 Coat Stain, Sprayed ... 0.81

For Work >20' To 30' Above Floor, Add 0.13
Note: Applied only to work area above 20'.
For Up To 100, Add 0.43
For >100 To 250, Add 0.21
For >250 To 500, Add 0.09
For >2,500 To 5,000, Deduct -0.04
For >5,000 To 10,000, Deduct -0.08
For >10,000 To 20,000, Deduct -0.12
For >20,000, Deduct -0.16

09 93 13 13-0007 SF Stain Exterior Wood Smooth Siding, 2 Coats Stain, Sprayed ... 1.31

For Work >20' To 30' Above Floor, Add 0.19
Note: Applied only to work area above 20'.
For Up To 100, Add 0.65
For >100 To 250, Add 0.32
For >250 To 500, Add 0.14
For >2,500 To 5,000, Deduct -0.07
For >5,000 To 10,000, Deduct -0.13
For >10,000 To 20,000, Deduct -0.20
For >20,000, Deduct -0.26

09 93 13 13-0008 Stain Rough Wood Walls *(09 93 13 13-0002)*

Note: Includes shingles, shakes or rough sawn siding.

09 93 13 13-0009 SF Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Stain, Brush Work ... 1.48

For Work >20' To 30' Above Floor, Add 0.32
Note: Applied only to work area above 20'.
For Up To 100, Add 0.98
For >100 To 250, Add 0.46
For >250 To 500, Add 0.20
For >2,500 To 5,000, Deduct -0.07
For >5,000 To 10,000, Deduct -0.15
For >10,000 To 20,000, Deduct -0.22
For >20,000, Deduct -0.30

09 93 13 13-0010 SF Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Stain, Brush Work ... 2.74

For Work >20' To 30' Above Floor, Add 0.58
Note: Applied only to work area above 20'.
For Up To 100, Add 1.79
For >100 To 250, Add 0.85
For >250 To 500, Add 0.37
For >2,500 To 5,000, Deduct -0.14
For >5,000 To 10,000, Deduct -0.27
For >10,000 To 20,000, Deduct -0.41
For >20,000, Deduct -0.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0011	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Stain, Sprayed	1.16	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 93 13 13-0012	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Stain, Sprayed	2.19	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

09 93 13 13-0013 Stain Wood Ceilings *(09 93 13 13-0001)*

09 93 13 13-0014 Stain Smooth Wood Ceilings *(09 93 13 13-0013)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 93 13 13-0015	SF	Stain Exterior Wood Smooth Ceiling, 1 Coat Stain, Brush Work	1.12	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 93 13 13-0016	SF	Stain Exterior Wood Smooth Ceiling, 2 Coats Stain, Brush Work	2.03	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 93 13 13-0017	SF	Stain Exterior Wood Smooth Ceiling, 1 Coat Stain, Sprayed	0.73	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 93 13 13-0018	SF	Stain Exterior Wood Smooth Ceiling, 2 Coats Stain, Sprayed	1.33	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 93 13 13-0019 Ceilings Rough Wood *(09 93 13 13-0013)*

Note: Includes shingles, shakes or rough sawn siding.

09 93 13 13-0020	SF	Stain Exterior Wood Rough Ceiling, 1 Coat Stain, Brush Work	1.62	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0021	SF	Stain Exterior Wood Rough Ceiling, 2 Coats Stain, Brush Work	2.83	
		For Work >20' To 30' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.57*	
09 93 13 13-0022	SF	Stain Exterior Wood Rough Ceiling, 1 Coat Stain, Sprayed	1.29	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 93 13 13-0023	SF	Stain Exterior Wood Rough Ceiling, 2 Coats Stain, Sprayed	2.33	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	

09 93 13 13-0024 Stain Wood Decks *(09 93 13 13-0001)*

09 93 13 13-0025	SF	Stain Exterior Wood Floors And Decks, 1 Coat Stain, Brush Work	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 93 13 13-0026	SF	Stain Exterior Wood Floors And Decks, 2 Coats Stain, Brush Work	1.74	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 93 13 13-0027	SF	Stain Exterior Wood Floors And Decks, 1 Coat Stain, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 93 13 13-0028	SF	Stain Exterior Wood Floors And Decks, 2 Coats Stain, Sprayed	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 93 13 13-0029 Stain Wood Posts And Trim *(09 93 13 13-0001)*

09 93 13 13-0030	SF	Stain Exterior Wood Posts And Trim, 1 Coat Stain, Brush Work	1.66	
		For Oil Based Paint, Add	*0.10*	
09 93 13 13-0031	SF	Stain Exterior Wood Posts And Trim, 2 Coats Stain, Brush Work	3.02	
		For Oil Based Paint, Add	*0.19*	
09 93 13 13-0032	SF	Stain Exterior Wood Posts And Trim, 1 Coat Stain, Sprayed	1.36	
		For Oil Based Paint, Add	*0.09*	
09 93 13 13-0033	SF	Stain Exterior Wood Posts And Trim, 2 Coats Stain, Sprayed	2.54	
		For Oil Based Paint, Add	*0.16*	

09 93 13 13-0034 Pre-Stain Wood Conditioner *(09 93 13 13)*

Note: Measured by surface area of wall or ceiling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0035	SF	Pre-Stain Wood Conditioner, Brush/Roller Work	0.89	
		For Ceiling Work, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	

09 93 13 13-0036 Rustic Brown Stain, Field Applied (Natina Or Equal) *(09 93 13 13)*

09 93 13 13-0037	LF	Stain Existing Chain Link Fence, Up To 6' Height, Rustic Brown Finish Note: Includes posts and both sides	10.86	
09 93 13 13-0038	LF	Stain Existing Chain Link Fence, >6' To 10' Height, Rustic Brown Finish Note: Includes posts and both sides	18.11	
09 93 13 13-0039	LF	Stain Existing Cable Barrier Fence, Rustic Brown Finish Note: Includes posts and all sides	5.99	
09 93 13 13-0040	EA	Stain Existing Gate, Up To 6' Wide, Rustic Brown Finish Note: Includes posts and both sides	155.36	
09 93 13 13-0041	EA	Stain Existing Gate, >6' To 10' Wide, Rustic Brown Finish Note: Includes posts and both sides	258.93	
09 93 13 13-0042	EA	Stain Existing Gate, >10' To 16' Wide, Rustic Brown Finish Note: Includes posts and both sides	414.28	
09 93 13 13-0043	LF	Stain Existing Up To 4" Diameter Pole, Rustic Brown Finish	3.22	
09 93 13 13-0044	LF	Stain Existing 6" To 8" Diameter Pole, Rustic Brown Finish	4.14	
09 93 13 13-0045	LF	Stain Existing 10" To 12" Diameter Pole, Rustic Brown Finish	5.58	
09 93 13 13-0046	SF	Stain Existing Steel Surface, Rustic Brown Finish Note: Single side	1.24	

09 93 13 53 Exterior Finishing *(09 93 13)*

09 93 13 53-0001 Stain Sealer *(09 93 13 53)*

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF	Stain Sealer, Brush Work	0.99	
		For Ceiling Work, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work	0.79	
		For Ceiling Work, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 53-0004	SF	Stain Sealer, Sprayed	0.32	
		For Ceiling Work, Add	*0.03*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.19	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >4,000, Deduct	*-0.06*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.79	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
		For >4,000, Deduct	*-0.09*	

09 93 23 13-0004 Stain Wood Floor *(09 93 23 13)*

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.59	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >4,000, Deduct	*-0.03*	
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.46	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >4,000, Deduct	*-0.02*	

09 93 23 13-0007 Stain Wood Door And Window *(09 93 23 13)*

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	57.39	
		For Up To 4, Add	*41.60*	
		For >4 To 10, Add	*19.48*	
		For >10 To 20, Add	*8.37*	
		For >160, Deduct	*-2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	41.22	
		For Up To 4, Add	*28.79*	
		For >4 To 10, Add	*13.54*	
		For >10 To 20, Add	*5.83*	
		For >160, Deduct	*-2.06*	

09 93 23 13-0010 Stain Wood Cabinet *(09 93 23 13)*

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.44	

09 93 23 53 Interior Finishing *(09 93 23)*

09 93 23 53-0001 Concrete Finishes *(09 93 23 53)*

09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.89	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >4,000, Deduct	*-0.04*	

09 93 23 53-0003 Wood Trim Finishes *(09 93 23 53)*

09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.49	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >4,000, Deduct	*-0.07*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.97	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >4,000, Deduct	*-0.05*	

09 93 23 53-0006 Wood Floor Finishes *(09 93 23 53)*

09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	3.30	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.47*	
		For >4,000, Deduct	*-0.17*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.74	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.74	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	
		For >4,000, Deduct	*-0.19*	

09 93 23 53-0010 Wood Door And Window Finishes *(09 93 23 53)*

See CSI section 08 14 16 00-0783 for factory finish.

09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	41.48	
		For Up To 4, Add	*29.97*	
		For >4 To 10, Add	*14.04*	
		For >10 To 20, Add	*6.03*	
		For >160, Deduct	*-2.07*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	126.39	
		For Up To 4, Add	*89.55*	
		For >4 To 10, Add	*42.05*	
		For >10 To 20, Add	*18.08*	
		For >160, Deduct	*-6.32*	

09 93 23 53-0013 Cabinet Finishes *(09 93 23 53)*

09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.45	

09 93 23 53-0015 Gym, Stage And Dance Floor Finishes *(09 93 23 53)*

09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	0.90	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.94	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.03	
		For Stage Or Dance Floors, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.11	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.94	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.03	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.11	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0023	EA	Minimum Service Charge For Repair Of Wood Gym, Stage Or Dance Floor	608.22	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Coating *(09 96 23)*

09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.51	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.62	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric *(09 96 53)*

Note: Per coat.

09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	0.91	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.11*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.18*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.29*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.40*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.78	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.09*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.15*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.24*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.33*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.70	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	2.03	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.90	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	2.13	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	1.03	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.89	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.77	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.16	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	2.01	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.21	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0014	SF	1 Coat, 20 Wet Mils, Brush Work, Two-Part Elastomeric Epoxy Paint Applied To Walls And Floors (Sherwin Williams RESUFLOR 3555V)	2.42	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 96 53 00-0015	SF	1 Coat, 20 Wet Mils, Brush/Roller Work, Two-Part Elastomeric Epoxy Paint Applied To Walls And Floors (Sherwin Williams RESUFLOR 3555V)	2.29	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
09 96 53 00-0016	SF	1 Coat, 20 Wet Mils, Brush Work, Two-Part Elastomeric Epoxy Paint Applied To Ceilings And Overhead (Sherwin Williams RESUFLOR 3555V)	2.55	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
09 96 53 00-0017	SF	1 Coat, 20 Wet Mils, Brush/Roller Work, Two-Part Elastomeric Epoxy Paint Applied To Ceilings And Overhead (Sherwin Williams RESUFLOR 3555V)	2.40	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	50 Mil, High Build Epoxy	3.34	

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	6.31	

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	4.58	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	8.21	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	12.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006 SF Exposed Aggregate - 1/8" - Sprayed On 3.75

09 97 Special Coatings *(09 90)*

09 97 13 Steel Coatings *(09 97)*

09 97 13 23 Exterior Steel Coatings *(09 97 13)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP1 Chemical Or Steam Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Solvent Cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 1.

09 97 13 23-0003 SF Type 1 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation 0.78
For Up To 100, Add *0.59*
For >100 To 250, Add *0.27*
For >250 To 500, Add *0.12*

09 97 13 23-0004 SF Type 2 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation 0.75
For Up To 100, Add *0.56*
For >100 To 250, Add *0.26*
For >250 To 500, Add *0.11*

09 97 13 23-0005 SF Type 3 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation 0.75
For Up To 100, Add *0.56*
For >100 To 250, Add *0.26*
For >250 To 500, Add *0.11*

09 97 13 23-0006 SF Up To 14" Diameter Pipe SP1 Chemical Or Steam Cleaning Surface Preparation 1.01
For Up To 100, Add *0.76*
For >100 To 250, Add *0.35*
For >250 To 500, Add *0.15*

09 97 13 23-0007 SF >14" Diameter Pipe SP1 Chemical Or Steam Cleaning Surface Preparation 0.91
For Up To 100, Add *0.68*
For >100 To 250, Add *0.32*
For >250 To 500, Add *0.14*

09 97 13 23-0008 SSPC SP2 Hand Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.

09 97 13 23-0009 SF Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation 1.56
For Up To 100, Add *1.17*
For >100 To 250, Add *0.55*
For >250 To 500, Add *0.23*

09 97 13 23-0010 SF Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation 1.50
For Up To 100, Add *1.13*
For >100 To 250, Add *0.53*
For >250 To 500, Add *0.23*

09 97 13 23-0011 SF Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation 1.50
For Up To 100, Add *1.13*
For >100 To 250, Add *0.53*
For >250 To 500, Add *0.23*

09 97 13 23-0012 SF Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation 2.03
For Up To 100, Add *1.52*
For >100 To 250, Add *0.71*
For >250 To 500, Add *0.30*

09 97 13 23-0013 SF >14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation 1.83
For Up To 100, Add *1.37*
For >100 To 250, Add *0.64*
For >250 To 500, Add *0.27*

09 97 13 23-0014 SSPC SP3 Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.

09 97 13 23-0015 SF Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation 1.97
For Up To 100, Add *1.48*
For >100 To 250, Add *0.69*
For >250 To 500, Add *0.30*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0016	SF	Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.89	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0017	SF	Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.89	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0018	SF	Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.56	
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0019	SF	>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.32	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	

09 97 13 23-0020 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

09 97 13 23-0021	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	5.53	
		For Up To 100, Add	*4.02*	
		For >100 To 250, Add	*1.88*	
		For >250 To 500, Add	*0.81*	
09 97 13 23-0022	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.73	
		For Up To 100, Add	*3.42*	
		For >100 To 250, Add	*1.60*	
		For >250 To 500, Add	*0.69*	
09 97 13 23-0023	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.34	
		For Up To 100, Add	*3.13*	
		For >100 To 250, Add	*1.47*	
		For >250 To 500, Add	*0.63*	
09 97 13 23-0024	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	6.71	
		For Up To 100, Add	*4.90*	
		For >100 To 250, Add	*2.29*	
		For >250 To 500, Add	*0.98*	
09 97 13 23-0025	SF	>14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	6.06	
		For Up To 100, Add	*4.41*	
		For >100 To 250, Add	*2.07*	
		For >250 To 500, Add	*0.89*	

09 97 13 23-0026 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

09 97 13 23-0027	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.84	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0028	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.46	
		For Up To 100, Add	*1.77*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0029	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.28	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0030	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.57	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0031	SF	>14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.22	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.47*	

09 97 13 23-0032 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0033	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	1.10	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0034	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.96	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0035	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.96	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0036	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.36	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0037	SF	>14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.23	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	

09 97 13 23-0038 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.

09 97 13 23-0039	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	4.11	
		For Up To 100, Add	*2.97*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.60*	
09 97 13 23-0040	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.51	
		For Up To 100, Add	*2.54*	
		For >100 To 250, Add	*1.19*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0041	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.30	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0042	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.88	
		For Up To 100, Add	*3.56*	
		For >100 To 250, Add	*1.67*	
		For >250 To 500, Add	*0.72*	
09 97 13 23-0043	SF	>14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.41	
		For Up To 100, Add	*3.21*	
		For >100 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.65*	

09 97 13 23-0044 SSPC SP11 Bare Metal Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. The profile shall not be less than 1 mil. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 11.

09 97 13 23-0045	SF	Type 1 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	7.81	
09 97 13 23-0046	SF	Type 2 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	7.49	
09 97 13 23-0047	SF	Type 3 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	7.49	
09 97 13 23-0048	SF	Up To 14" Diameter Pipe SP11 Bare Metal Power Tool Cleaning Surface Preparation	10.15	
09 97 13 23-0049	SF	>14" Diameter Pipe SP11 Bare Metal Power Tool Cleaning Surface Preparation	9.13	

09 97 13 23-0050 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0051 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0052	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	1.29	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0053	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.96	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0054	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.86	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0055	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.53	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0056	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.53	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0057	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	1.14	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0058	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	1.02	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0059	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.85	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0060		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0061	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.80	
		For Up To 100, Add	*2.47*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0062	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.75	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0063	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.55	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0064	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.61	
		For Up To 100, Add	*3.06*	
		For >100 To 250, Add	*1.45*	
		For >250 To 500, Add	*0.63*	
09 97 13 23-0065	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.85	
		For Up To 100, Add	*1.85*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0066	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.06	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0067	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.91	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0068	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.45	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0069	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.90	
		For Up To 100, Add	*3.29*	
		For >100 To 250, Add	*1.56*	
		For >250 To 500, Add	*0.67*	
09 97 13 23-0070	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.51	
		For Up To 100, Add	*2.28*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0071	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.24	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0072	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.98	
		For Up To 100, Add	*4.09*	
		For >100 To 250, Add	*1.93*	
		For >250 To 500, Add	*0.83*	
09 97 13 23-0073	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.67	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0074	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.63	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0075	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.43	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0076	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.49	
		For Up To 100, Add	*3.07*	
		For >100 To 250, Add	*1.45*	
		For >250 To 500, Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0077		**Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel** *(09 97 13 23-0050)*		
09 97 13 23-0078	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.93	
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0079	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.39	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0080	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.20	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0081	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.64	
		For Up To 100, Add	*2.44*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0082	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.88	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0083	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.53	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0084	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.41	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.34	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0086	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.50	
		For Up To 100, Add	*2.35*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0087	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.85	
		For Up To 100, Add	*1.89*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0088	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.61	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0089	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.37	
		For Up To 100, Add	*2.99*	
		For >100 To 250, Add	*1.41*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0090	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.25	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0091	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.82	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0092	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.67	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0093	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.79	
		For Up To 100, Add	*1.91*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0094		**2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel** *(09 97 13 23-0050)*		
09 97 13 23-0095	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.85	
		For Up To 100, Add	*2.86*	
		For >100 To 250, Add	*1.38*	
		For >250 To 500, Add	*0.60*	
09 97 13 23-0096	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.54	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0097	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.14	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0098	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	5.47	
		For Up To 100, Add	*3.30*	
		For >100 To 250, Add	*1.58*	
		For >250 To 500, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0099	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.39	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0100	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.47	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0101	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.20	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0102	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.83	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	

09 97 13 23-0103 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0104	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.21	
		For Up To 100, Add	*2.92*	
		For >100 To 250, Add	*1.41*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0105	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.87	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0106	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.47	
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0107	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.84	
		For Up To 100, Add	*3.36*	
		For >100 To 250, Add	*1.62*	
		For >250 To 500, Add	*0.71*	
09 97 13 23-0108	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	4.26	
		For Up To 100, Add	*2.39*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0109	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	3.17	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0110	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.85	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0111	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	4.80	
		For Up To 100, Add	*2.76*	
		For >100 To 250, Add	*1.33*	
		For >250 To 500, Add	*0.58*	

09 97 13 23-0112 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0113	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.87	
		For Up To 100, Add	*6.25*	
		For >100 To 250, Add	*3.01*	
		For >250 To 500, Add	*1.31*	
09 97 13 23-0114	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.27	
		For Up To 100, Add	*4.50*	
		For >100 To 250, Add	*2.18*	
		For >250 To 500, Add	*0.96*	
09 97 13 23-0115	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.97	
		For Up To 100, Add	*4.27*	
		For >100 To 250, Add	*2.08*	
		For >250 To 500, Add	*0.91*	
09 97 13 23-0116	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	12.60	
		For Up To 100, Add	*7.51*	
		For >100 To 250, Add	*3.60*	
		For >250 To 500, Add	*1.57*	

09 97 13 23-0117 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0118	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.74	
		For Up To 100, Add	*3.05*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.65*	
09 97 13 23-0119	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.55	
		For Up To 100, Add	*2.16*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0120	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.35	
		For Up To 100, Add	*2.01*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0121	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	6.50	
		For Up To 100, Add	*3.58*	
		For >100 To 250, Add	*1.74*	
		For >250 To 500, Add	*0.76*	
09 97 13 23-0122	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	4.53	
		For Up To 100, Add	*2.41*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0123	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.59	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0124	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.43	
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0125	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	5.14	
		For Up To 100, Add	*2.83*	
		For >100 To 250, Add	*1.37*	
		For >250 To 500, Add	*0.60*	

09 97 13 23-0126 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0127	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	4.84	
		For Up To 100, Add	*2.92*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0128	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.94	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0129	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.64	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0130	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	5.96	
		For Up To 100, Add	*3.73*	
		For >100 To 250, Add	*1.78*	
		For >250 To 500, Add	*0.77*	

09 97 13 23-0131 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0132	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.65	
		For Up To 100, Add	*2.95*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0133	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.32	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0134	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.82	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0135	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	5.30	
		For Up To 100, Add	*3.40*	
		For >100 To 250, Add	*1.62*	
		For >250 To 500, Add	*0.70*	

09 97 13 23-0136 One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0137	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.52	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0138	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.83	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0139	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.74	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0140	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	2.64	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0141		Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0050)*		
		Note: Installed over existing primer.		
09 97 13 23-0142	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.85	
		For Up To 100, Add	*2.23*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0143	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.16	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0144	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.77	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0145	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	4.49	
		For Up To 100, Add	*2.69*	
		For >100 To 250, Add	*1.29*	
		For >250 To 500, Add	*0.56*	
09 97 13 23-0146		Two 6 Mil Modified Polyamine Epoxy Coats For Pipe Interior *(09 97 13 23-0050)*		
09 97 13 23-0147	SF	Spray Two 6 Mil Modified Polyamine Epoxy Coats For Pipe Interior	8.37	
		For Up To 100, Add	*5.34*	
		For >100 To 250, Add	*2.54*	
		For >250 To 500, Add	*1.10*	
09 97 13 23-0148		One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior *(09 97 13 23-0050)*		
09 97 13 23-0149	SF	Spray Up To 14" Diameter Pipe One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior	5.56	
		For Up To 100, Add	*2.87*	
		For >100 To 250, Add	*1.41*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0150	SF	Spray >14" Diameter Pipe One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior	5.38	
		For Up To 100, Add	*2.74*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.59*	
09 97 13 23-0151		Hot Stick Galvanizing *(09 97 13 23)*		
09 97 13 23-0152	SI	Hot Stick Galvanizing	3.61	
		Note: Includes wire brush cleaning, heating with torch, applying stick galvanizing and final wire brush cleaning.		
09 97 13 24		**Steel Water Storage Tank Painting** ***(09 97 13)***		
09 97 13 24-0001		Surface Preparation For Tanks *(09 97 13 24)*		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0002		SSPC SP1 Chemical Or Steam Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0003	SF	Small Vessel/Tank SP1 Chemical Or Steam Cleaning Surface Preparation	0.75	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0004	SF	Large Vessel/Tank SP1 Chemical Or Steam Cleaning Surface Preparation	0.66	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP1 Chemical Or Steam Cleaning Surface Preparation	0.94	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0006		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0007	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.50	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0008	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.33	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.87	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0010		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0011	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.93	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 13 24-0012	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.74	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.32	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0014		SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0015	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.28	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0016	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.08	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	3.06	
		For Up To 100, Add	*2.22*	
		For >100 To 250, Add	*1.04*	
		For >250 To 500, Add	*0.45*	
09 97 13 24-0018		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0019	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	4.13	
		For Up To 100, Add	*2.98*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.60*	
09 97 13 24-0020	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.94	
		For Up To 100, Add	*2.84*	
		For >100 To 250, Add	*1.33*	
		For >250 To 500, Add	*0.57*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	5.80	
		For Up To 100, Add	*4.23*	
		For >100 To 250, Add	*1.98*	
		For >250 To 500, Add	*0.85*	
09 97 13 24-0022		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0023	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.29	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0024	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.29	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0025	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.87	
		For Up To 100, Add	*3.56*	
		For >100 To 250, Add	*1.67*	
		For >250 To 500, Add	*0.72*	
09 97 13 24-0026		SSPC SP11 Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0027	SF	Small Vessel/Tank SP11 Power Tool Cleaning Surface Preparation	7.49	
09 97 13 24-0028	SF	Large Vessel/Tank SP11 Power Tool Cleaning Surface Preparation	6.63	
09 97 13 24-0029	SF	Vessel/Tank Interior SP11 Power Tool Cleaning Surface Preparation	9.36	
09 97 13 24-0030		Protective Coatings For Tanks *(09 97 13 24)*		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0031		1.5 Mil Prime Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0032	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.75	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0033	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.61	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0034	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.44	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0035	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.89	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0036	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.72	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0037	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.73	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.24*	

09 97 13 24-0038 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0030)*

09 97 13 24-0039	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.23	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0040	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.75	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0041	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.12	
		For Up To 100, Add	*2.75*	
		For >100 To 250, Add	*1.30*	
		For >250 To 500, Add	*0.56*	
09 97 13 24-0042	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.68	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0043	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.31	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0044	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.09	
		For Up To 100, Add	*2.07*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0045	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.82	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0046	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.15	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0047	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.35	
		For Up To 100, Add	*3.68*	
		For >100 To 250, Add	*1.73*	
		For >250 To 500, Add	*0.75*	
09 97 13 24-0048	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0049	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.62	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0050	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.01	
		For Up To 100, Add	*2.76*	
		For >100 To 250, Add	*1.30*	
		For >250 To 500, Add	*0.56*	

09 97 13 24-0051 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0030)*

09 97 13 24-0052	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.99	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0053	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.69	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0054	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.25	
		For Up To 100, Add	*2.94*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.60*	
09 97 13 24-0055	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.27	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0056	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.08	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0057	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.72	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	
09 97 13 24-0058	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.36	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 13 24-0059	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.98	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0060	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	5.45	
		For Up To 100, Add	*3.93*	
		For >100 To 250, Add	*1.84*	
		For >250 To 500, Add	*0.79*	
09 97 13 24-0061	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.50	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0062	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.27	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0063	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.58	
		For Up To 100, Add	*2.53*	
		For >100 To 250, Add	*1.19*	
		For >250 To 500, Add	*0.51*	

09 97 13 24-0064 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0030)*

09 97 13 24-0065	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.91	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 24-0066	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.51	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0067	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.03	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.76	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	

09 97 13 24-0069 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0030)*

09 97 13 24-0070	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.23	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0071	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.83	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0072	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.65	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0073	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.33	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	

09 97 13 24-0074 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0030)*

09 97 13 24-0075	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.69	
		For Up To 100, Add	*4.11*	
		For >100 To 250, Add	*2.00*	
		For >250 To 500, Add	*0.88*	
09 97 13 24-0076	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.10	
		For Up To 100, Add	*3.67*	
		For >100 To 250, Add	*1.80*	
		For >250 To 500, Add	*0.79*	
09 97 13 24-0077	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	11.64	
		For Up To 100, Add	*7.07*	
		For >100 To 250, Add	*3.38*	
		For >250 To 500, Add	*1.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0078		**1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks** *(09 97 13 24-0030)*		
09 97 13 24-0079	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.05	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0080	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.62	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.36*	
09 97 13 24-0081	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.98	
		For Up To 100, Add	*3.38*	
		For >100 To 250, Add	*1.63*	
		For >250 To 500, Add	*0.71*	
09 97 13 24-0082	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	3.21	
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.87	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0084	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	4.74	
		For Up To 100, Add	*2.68*	
		For >100 To 250, Add	*1.29*	
		For >250 To 500, Add	*0.57*	
09 97 13 24-0085		**Two 8 Mil Coal Tar Epoxy Coats For Tanks** *(09 97 13 24-0030)*		
09 97 13 24-0086	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.61	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 24-0087	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.02	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.35*	
09 97 13 24-0088	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	4.61	
		For Up To 100, Add	*2.83*	
		For >100 To 250, Add	*1.35*	
		For >250 To 500, Add	*0.59*	
09 97 13 24-0089		**One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks** *(09 97 13 24-0030)*		
09 97 13 24-0090	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.49	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0091	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.30	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0092	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.78	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.49*	
09 97 13 24-0093		**Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior** *(09 97 13 24-0030)*		
09 97 13 24-0094	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	5.49	
		For Up To 100, Add	*3.19*	
		For >100 To 250, Add	*1.54*	
		For >250 To 500, Add	*0.67*	
09 97 13 24-0095	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.37	
		For Up To 100, Add	*1.69*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0096		**One 3 Mil High Zinc Silicate Coat For Tanks** *(09 97 13 24-0030)*		
09 97 13 24-0097	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.62	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0098	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.58	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0099	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	2.50	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0100		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0030)*		
		Note: Installed over existing primer.		
09 97 13 24-0101	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.63	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0102	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.34	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0103	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	3.63	
		For Up To 100, Add	*2.15*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 24-0104		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0105	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	9.47	
		For Up To 100, Add	*5.92*	
		For >100 To 250, Add	*2.82*	
		For >250 To 500, Add	*1.22*	
09 97 13 24-0106		One 3 Mil Epoxy Primer And Two 6 Mil Epoxy Finish Coats For Tank Interior *(09 97 13 24-0030)*		
09 97 13 24-0107	SF	Brush One 3 Mil Epoxy Primer And Spray Two 6 Mil Epoxy Finish Coats For Contact Area Between Rafters And Underside of Tank Roof	3.87	
		Note: Devran 233H		
		For Up To 100, Add	*2.06*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 24-0108	SF	Spray One 3 Mil Epoxy Primer And Spray Two 6 Mil Epoxy Finish Coats For Rafters, Underside Of Tank Roof, And Walls 2' Above Floor	3.53	
		Note: Devran 233H		
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0109		One 15 Mil Epoxy Primer And One 15 Mil Epoxy Finish Coats For Tank Interior *(09 97 13 24-0030)*		
09 97 13 24-0110	SF	Spray One 15 Mil Epoxy Primer And Spray One 15 Mil Epoxy Finish Coats For Tank Floor Interior And Up To 3' Of Wall	7.93	
		Note: Applied in 5 mil coats.		
		For Up To 100, Add	*3.75*	
		For >100 To 250, Add	*1.86*	
		For >250 To 500, Add	*0.82*	
09 97 13 24-0111		One 2 To 4 Mil Inorganic Zinc Primer, One 4 To 6 Mil Epoxy Intermediate Coat And One 2 To 3 Mil Aliphatic Urethane Finish Coat For Tank Exterior *(09 97 13 24-0030)*		
09 97 13 24-0112	SF	Spray One 2 To 4 Mil Inorganic Zinc Primer, Spray One 4 To 6 Mil Epoxy Intermediate Coat And Spray One 2 To 3 Mil Aliphatic Urethane Finish Coat For Tank Exterior	3.05	
		Note: Devoe: Catha-Coat 302H primer, Bar-Rust 231H intermediate, and Devthane 379H finish or Tnemec: 91H2O Hydro-Zinc primer, N140F Pota-Pox intermediate, and 1075 Endura-Shield finish.		
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0113		Polyamide Epoxy Exterior Prime Coat For Tanks (Macropoxy 646 FC) *(09 97 13 24-0030)*		
09 97 13 24-0114	SF	Spray 5 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	2.06	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.24*	
09 97 13 24-0115	SF	Spray 8 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.04	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.35*	
09 97 13 24-0116	SF	Spray 10 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.49	
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0117	SF	Brush 5 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	2.43	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.29*	
09 97 13 24-0118	SF	Brush 8 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.55	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000, Deduct	*-0.42*	
09 97 13 24-0119	SF	Brush 10 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	4.05	
		For Up To 100, Add	*2.22*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
		For >2,500 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000, Deduct	*-0.47*	

09 97 13 24-0120 Aliphatic Acrylic Polyurethane Exterior Topcoat For Tanks (High-Solids Polyurethane 250) *(09 97 13 24-0030)*

09 97 13 24-0121	SF	Spray 3 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	1.81	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.19*	
09 97 13 24-0122	SF	Spray 4 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	2.28	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.24*	
09 97 13 24-0123	SF	Brush 3 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	2.07	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.23*	
09 97 13 24-0124	SF	Brush 4 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	2.60	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.28*	

09 97 13 24-0125 Polyamide Epoxy Submerged Primer/Stripe Coat For Tanks (Macropoxy 646 PW) *(09 97 13 24-0030)*

See CSI section 01 22 23 00-0908 for confined space ventilation.

09 97 13 24-0126	SF	Spray 3 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.26	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*0.55*	
09 97 13 24-0127	SF	Spray 5 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.06	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*0.41*	
09 97 13 24-0128	SF	Spray 6 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.30	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0129	SF	Spray 8 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.85	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*0.52*	
09 97 13 24-0130	SF	Spray 10 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	3.27	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*0.57*	
09 97 13 24-0131	SF	Brush 3 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	1.57	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*0.35*	
09 97 13 24-0132	SF	Brush 5 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.43	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*0.52*	
09 97 13 24-0133	SF	Brush 6 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.68	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*0.55*	
09 97 13 24-0134	SF	Brush 8 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	3.30	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*0.66*	
09 97 13 24-0135	SF	Brush 10 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	3.78	
		For Up To 100, Add	*2.02*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*0.73*	

09 97 13 24-0136 Amine Epoxy Submerged Topcoat For Tanks (Sherplate PW Epoxy) *(09 97 13 24-0030)*

See CSI section 01 22 23 00-0908 for confined space ventilation.

09 97 13 24-0137	SF	Spray 16 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	3.85	
		For Up To 100, Add	*1.87*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*0.65*	
09 97 13 24-0138	SF	Spray 20 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	4.68	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.49*	
		For >2,500 To 5,000, Deduct	*-0.23*	
		For >5,000 To 10,000, Deduct	*-0.36*	
		For >10,000, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*0.77*	
09 97 13 24-0139	SF	Spray 24 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	5.46	
		For Up To 100, Add	*2.57*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.57*	
		For >2,500 To 5,000, Deduct	*-0.27*	
		For >5,000 To 10,000, Deduct	*-0.42*	
		For >10,000, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0140	SF	Spray 30 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	6.63	
		For Up To 100, Add	*3.07*	
		For >100 To 250, Add	*1.53*	
		For >250 To 500, Add	*0.68*	
		For >2,500 To 5,000, Deduct	*-0.33*	
		For >5,000 To 10,000, Deduct	*-0.50*	
		For >10,000, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.04*	
09 97 13 24-0141	SF	Spray 36 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	7.76	
		For Up To 100, Add	*3.53*	
		For >100 To 250, Add	*1.76*	
		For >250 To 500, Add	*0.78*	
		For >2,500 To 5,000, Deduct	*-0.39*	
		For >5,000 To 10,000, Deduct	*-0.59*	
		For >10,000, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*1.19*	
09 97 13 24-0142	SF	Spray 42 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	8.81	
		For Up To 100, Add	*3.94*	
		For >100 To 250, Add	*1.97*	
		For >250 To 500, Add	*0.88*	
		For >2,500 To 5,000, Deduct	*-0.44*	
		For >5,000 To 10,000, Deduct	*-0.66*	
		For >10,000, Deduct	*-0.88*	
		For Work In Restricted Working Space, Add	*1.31*	
09 97 13 24-0143	SF	Spray 50 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	10.24	
		For Up To 100, Add	*4.51*	
		For >100 To 250, Add	*2.26*	
		For >250 To 500, Add	*1.01*	
		For >2,500 To 5,000, Deduct	*-0.51*	
		For >5,000 To 10,000, Deduct	*-0.76*	
		For >10,000, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.49*	
09 97 13 24-0144	SF	Brush 16 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	4.41	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.49*	
		For >2,500 To 5,000, Deduct	*-0.22*	
		For >5,000 To 10,000, Deduct	*-0.36*	
		For >10,000, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*0.82*	
09 97 13 24-0145	SF	Brush 20 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	5.36	
		For Up To 100, Add	*2.75*	
		For >100 To 250, Add	*1.35*	
		For >250 To 500, Add	*0.59*	
		For >2,500 To 5,000, Deduct	*-0.27*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*0.97*	
09 97 13 24-0146	SF	Brush 24 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	6.23	
		For Up To 100, Add	*3.15*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.68*	
		For >2,500 To 5,000, Deduct	*-0.31*	
		For >5,000 To 10,000, Deduct	*-0.50*	
		For >10,000, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.11*	
09 97 13 24-0147	SF	Brush 30 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	7.56	
		For Up To 100, Add	*3.77*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.82*	
		For >2,500 To 5,000, Deduct	*-0.38*	
		For >5,000 To 10,000, Deduct	*-0.60*	
		For >10,000, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*1.32*	
09 97 13 24-0148	SF	Brush 36 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	8.81	
		For Up To 100, Add	*4.32*	
		For >100 To 250, Add	*2.13*	
		For >250 To 500, Add	*0.94*	
		For >2,500 To 5,000, Deduct	*-0.44*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*1.50*	
09 97 13 24-0149	SF	Brush 42 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	9.98	
		For Up To 100, Add	*4.82*	
		For >100 To 250, Add	*2.38*	
		For >250 To 500, Add	*1.05*	
		For >2,500 To 5,000, Deduct	*-0.50*	
		For >5,000 To 10,000, Deduct	*-0.78*	
		For >10,000, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*1.66*	
09 97 13 24-0150	SF	Brush 50 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	11.56	
		For Up To 100, Add	*5.50*	
		For >100 To 250, Add	*2.72*	
		For >250 To 500, Add	*1.21*	
		For >2,500 To 5,000, Deduct	*-0.58*	
		For >5,000 To 10,000, Deduct	*-0.89*	
		For >10,000, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*1.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0151		**Epoxy Exterior Prime Coat For Tanks (Bar-Rust 231)** *(09 97 13 24-0030)*		
09 97 13 24-0152	SF	Spray 4 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	1.52	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.20*	
09 97 13 24-0153	SF	Spray 6 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.11	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.27*	
09 97 13 24-0154	SF	Spray 8 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.61	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.33*	
09 97 13 24-0155	SF	Brush 4 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.23	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.26*	
09 97 13 24-0156	SF	Brush 6 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.93	
		For Up To 100, Add	*1.69*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.35*	
09 97 13 24-0157	SF	Brush 8 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	3.64	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000, Deduct	*-0.43*	
09 97 13 24-0158		**Aliphatic Urethane Exterior Topcoat For Tanks (Devthane 359)** *(09 97 13 24-0030)*		
09 97 13 24-0159	SF	Spray 4 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	2.10	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.23*	
09 97 13 24-0160	SF	Spray 6 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	2.96	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.31*	
09 97 13 24-0161	SF	Brush 4 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	2.42	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.27*	
09 97 13 24-0162	SF	Brush 6 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	3.38	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000, Deduct	*-0.38*	
09 97 13 24-0163		**Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)** *(09 97 13 24-0030)*		
		See CSI section 01 22 23 00-0908 for confined space ventilation.		
09 97 13 24-0164	SF	Spray 4 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	1.55	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0165	SF	Spray 6 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	2.12	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*0.49*	
09 97 13 24-0166	SF	Brush 4 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	1.87	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*0.46*	
09 97 13 24-0167	SF	Brush 6 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	2.57	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*0.62*	

09 97 13 24-0168 Epoxy Submerged Topcoat For Tanks (Bar-Rust 234P) *(09 97 13 24-0030)*

See CSI section 01 22 23 00-0908 for confined space ventilation.

09 97 13 24-0169	SF	Spray 25 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	4.98	
		For Up To 100, Add	*2.49*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.54*	
		For >2,500 To 5,000, Deduct	*-0.25*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*0.87*	
09 97 13 24-0170	SF	Spray 30 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	5.95	
		For Up To 100, Add	*2.97*	
		For >100 To 250, Add	*1.46*	
		For >250 To 500, Add	*0.64*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*1.04*	
09 97 13 24-0171	SF	Spray 35 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.74	
		For Up To 100, Add	*3.32*	
		For >100 To 250, Add	*1.63*	
		For >250 To 500, Add	*0.72*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*1.15*	
09 97 13 24-0172	SF	Spray 40 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	7.50	
		For Up To 100, Add	*3.63*	
		For >100 To 250, Add	*1.80*	
		For >250 To 500, Add	*0.79*	
		For >2,500 To 5,000, Deduct	*-0.38*	
		For >5,000 To 10,000, Deduct	*-0.58*	
		For >10,000, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*1.25*	
09 97 13 24-0173	SF	Spray 45 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	8.31	
		For Up To 100, Add	*3.99*	
		For >100 To 250, Add	*1.98*	
		For >250 To 500, Add	*0.87*	
		For >2,500 To 5,000, Deduct	*-0.42*	
		For >5,000 To 10,000, Deduct	*-0.64*	
		For >10,000, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*1.37*	
09 97 13 24-0174	SF	Spray 50 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	9.11	
		For Up To 100, Add	*4.34*	
		For >100 To 250, Add	*2.15*	
		For >250 To 500, Add	*0.95*	
		For >2,500 To 5,000, Deduct	*-0.46*	
		For >5,000 To 10,000, Deduct	*-0.70*	
		For >10,000, Deduct	*-0.95*	
		For Work In Restricted Working Space, Add	*1.49*	
09 97 13 24-0175	SF	Brush 25 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	5.91	
		For Up To 100, Add	*3.19*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.68*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0176	SF	Brush 30 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.87	
		For Up To 100, Add	*3.66*	
		For >100 To 250, Add	*1.78*	
		For >250 To 500, Add	*0.78*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.56*	
		For >10,000, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*1.31*	
09 97 13 24-0177	SF	Brush 35 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	7.75	
		For Up To 100, Add	*4.07*	
		For >100 To 250, Add	*1.99*	
		For >250 To 500, Add	*0.87*	
		For >2,500 To 5,000, Deduct	*-0.39*	
		For >5,000 To 10,000, Deduct	*-0.63*	
		For >10,000, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*1.46*	
09 97 13 24-0178	SF	Brush 40 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	8.60	
		For Up To 100, Add	*4.46*	
		For >100 To 250, Add	*2.18*	
		For >250 To 500, Add	*0.96*	
		For >2,500 To 5,000, Deduct	*-0.43*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*1.58*	
09 97 13 24-0179	SF	Brush 45 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	9.51	
		For Up To 100, Add	*4.89*	
		For >100 To 250, Add	*2.40*	
		For >250 To 500, Add	*1.05*	
		For >2,500 To 5,000, Deduct	*-0.48*	
		For >5,000 To 10,000, Deduct	*-0.76*	
		For >10,000, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*1.73*	
09 97 13 24-0180	SF	Brush 50 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	10.42	
		For Up To 100, Add	*5.33*	
		For >100 To 250, Add	*2.61*	
		For >250 To 500, Add	*1.15*	
		For >2,500 To 5,000, Deduct	*-0.52*	
		For >5,000 To 10,000, Deduct	*-0.83*	
		For >10,000, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*1.88*	

09 97 26 Cementitious Coatings *(09 97)*

09 97 26 13 Interior Cementitious Coatings *(09 97 26)*

09 97 26 13-0001 Ceramic-Like Glazed Coating *(09 97 26 13)*

09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*

09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.83

09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*

09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	2.36

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001 Dry-Erase Paint *(09 97 35)*

09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	12.80

09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: For application over existing latex-based top coats.	7.13
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: Includes two coats of primer and white or black surface coat.	13.72

09 97 63 Special Coatings and Protection Systems *(09 97)*

09 97 63 00-0001 Acrylic Glazed Coating *(09 97 63)*

09 97 63 00-0002	SF	Acrylic Glazed Coating	1.82

09 97 63 00-0003 ENECON Coatings *(09 97 63)*

09 97 63 00-0004 METALCLAD Systems *(09 97 63 00-0003)*

Note: Material only. See CSI section 09 97 63 00-0034 for labor costs.

09 97 63 00-0005	CI	DurAlloy	14.75
09 97 63 00-0006	CI	SpeedAlloy	23.51
09 97 63 00-0007	CI	SpeedAlloy QS	16.15
09 97 63 00-0008	CI	CeramAlloy CP+ (AC)	15.89
09 97 63 00-0009	SF	CeramAlloy CL+ (AC)	40.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 63 00-0010	CI	CeramAlloy CBX	20.99	
09 97 63 00-0011		**FLEXICLAD Systems** *(09 97 63 00-0003)*		
		Note: Material only. See CSI section 09 97 63 00-0034 for labor costs.		
09 97 63 00-0012	CI	DuraTough DP	23.24	
09 97 63 00-0013	SF	DuraTough DL (One Coat 12 Mil)	197.96	
09 97 63 00-0014		**ENESEAL Systems** *(09 97 63 00-0003)*		
		Note: Material only.		
09 97 63 00-0015	SF	ENESEAL HR (One Coat 6 Mil)	1.69	
09 97 63 00-0016	SF	ENESEAL CR (Corrosion Resistant) (One Coat 6 Mil)	3.89	
09 97 63 00-0017		**ENECETE Systems** *(09 97 63 00-0003)*		
		Note: Material only.		
09 97 63 00-0018	SF	1/4" DuraQuartz	59.44	
09 97 63 00-0019	CI	WP (Superfast Water Plug)	1.28	
09 97 63 00-0020	SF	WS (Water Seal)	10.18	
09 97 63 00-0021	SF	DuraFill Bulk Resin (One Coat 6 Mil)	4.84	
09 97 63 00-0022	SF	Permaflex (Flexible Primer)	2.76	
09 97 63 00-0023	SF	Xypex	1.81	
09 97 63 00-0024		**CHEMCLAD Systems** *(09 97 63 00-0003)*		
		Note: Material only.		
09 97 63 00-0025	SF	Chemclad SC (One Coat 6 Mil)	11.32	
09 97 63 00-0026	SF	Chemclad XC (One Coat 8 Mil)	13.76	
09 97 63 00-0027	SF	Chemclad P4C Primer	3.02	
09 97 63 00-0028	SF	NSP 120 Potable Water	3.21	
09 97 63 00-0029		**ENECLAD Systems** *(09 97 63 00-0003)*		
		Note: Material only.		
09 97 63 00-0030	SF	Eneclad FPS 2000 (Floor Protection System) (One Coat 8 Mil)	5.03	
09 97 63 00-0031	SF	Eneclad Superbond (One Coat 4 Mil)	5.63	
09 97 63 00-0032	SF	Eneclad CFS (Clear Floor Sealer) (One Coat 2 Mil)	2.42	
09 97 63 00-0033	SF	Eneclad SPS (Self Priming Screed) (One Coat 1/8")	9.62	
09 97 63 00-0034		**ENECON Crew For ENECON Coating Systems** *(09 97 63 00-0003)*		
09 97 63 00-0035	DAY	ENECON 2 Man Crew For Application Of ENECON Products	1,500.00	
09 97 63 00-0036		**Thortex Coatings** *(09 97 63)*		
09 97 63 00-0037		**Thortex Concrete Protection System** *(09 97 63 00-0036)*		
		Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.		
09 97 63 00-0038	SF	1/4" Thortex Wall Tech L W Concrete Repair And Protection System	41.45	
		For >1,000, Deduct	*-2.50*	
09 97 63 00-0039	SF	1/4" Thortex Floor Tech P R Concrete Repair And Protection System	41.45	
		For >1,000, Deduct	*-2.50*	
09 97 63 00-0040	SF	Thortex Floor Tech RS (Resurfacing Screed) Floor Repair and Protection System	32.00	
		For >2,000, Deduct	*-1.75*	
09 97 63 00-0041		**Thortex Floor Repair and Protection System** *(09 97 63 00-0036)*		
		Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.		
09 97 63 00-0042	SF	Thortex Floor Tech HB Floor Repair and Protection System (One Coat 8-10 Mil Average)	3.75	
		For >5,000, Deduct	*-0.25*	
09 97 63 00-0043	SF	Thortex Floor Tech SP Primer (One Coat 4 Mil)	3.15	
		For >10,000, Deduct	*-0.15*	
09 97 63 00-0044		**Thortex Chemical Protection System** *(09 97 63 00-0036)*		
		Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.		
09 97 63 00-0045	SF	Thortex Chemi Tech UC/Hycote 175 Chemical Protection System (One Coat 10 Mil Average)	12.50	
		For >9500, Deduct	*-0.25*	
09 97 63 00-0046	SF	Thortex Chemi Tech USR Chemical Protection System (One Coat 20 Mil Average)	30.52	
		For >9500, Deduct	*-1.85*	
09 97 63 00-0047	SF	Thortex Chemi Tech CR Chemical Protection System (One Coat 10 Mil Average)	7.50	
		For >9500, Deduct	*-0.50*	
09 97 63 00-0048	SF	Thortex Chemi Tech EP Chemical Protection System (One Coat 10 Mil Average)	4.50	
		For >9,500, Deduct	*-0.25*	
09 97 63 00-0049		**Thortex Metal Repair Systems** *(09 97 63 00-0036)*		
		Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.		
09 97 63 00-0050	CI	Thortex Metal Tech EG Metal Repair System	12.50	
		For >5,000, Deduct	*-0.75*	
09 97 63 00-0051	CI	Thortex Metal Tech RG Metal Repair System	22.50	
		For >5,000, Deduct	*-1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 63 00-0052	CI	Thortex Metal Tech FG Metal Repair System	12.50	
		For >5,000, Deduct	*-0.75*	
09 97 63 00-0053	CI	Thortex Metal Tech XG Metal Repair System	12.50	
		For >5,000, Deduct	*-0.75*	
09 97 63 00-0054	CI	Thortex Metal Tech SG Metal Repair System	61.50	
09 97 63 00-0055	SF	Thortex Metal Tech Polymer pipe wrap system (1/4 inch wrap with mesh) per SF of pipe exterior (100 SF minimum)	355.00	

09 97 63 00-0056 Thortex Rubber Repair System *(09 97 63 00-0036)*

Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.

09 97 63 00-0057	CI	Thortex Flexi Tech 80 FG Rubber Repair System	11.00	
		For >7,500, Deduct	*-0.75*	
09 97 63 00-0058	CI	Thortex Flexi Tech 80 EG Rubber Repair System	11.00	
		For >7,500, Deduct	*-0.75*	
09 97 63 00-0059	CI	Thortex Flexi Tech 80 BG Rubber Repair System	11.00	
		For >7,500, Deduct	*-0.75*	

09 97 63 00-0060 Thortex Ceramic Repair System *(09 97 63 00-0036)*

Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.

09 97 63 00-0061	CI	Thortex Cerami Flex EG Ceramic Repair System	7.75	
		For >7,500, Deduct	*-0.50*	
09 97 63 00-0062	SF	Thortex Cerami Flex FG Ceramic Repair System	7.75	
		For >7,500, Deduct	*-0.50*	
09 97 63 00-0063	CI	Thortex Cerami Tech EG Ceramic Repair System	12.50	
		For >7,500, Deduct	*-0.75*	
09 97 63 00-0064	SF	Thortex Cerami Tech FG Ceramic Repair System	23.85	
		For >7,500, Deduct	*-1.50*	
09 97 63 00-0065	SF	Thortex Cerami Tech CR Ceramic Repair System	15.00	
		For >7,500, Deduct	*-1.50*	

09 97 63 00-0066 Thortex Corrosion Protection Systems *(09 97 63 00-0036)*

Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.

09 97 63 00-0067	SF	Thortex Corro Tech GP Corrosion Protection System	4.25	
		For >7,500, Deduct	*-0.50*	

09 97 63 00-0068 Thortex Miscellaneous Coating Systems *(09 97 63 00-0036)*

Note: Material only. See CSI section 09 97 63 00-0071 for labor costs.

09 97 63 00-0069	SF	Thortex Glaze Tech Coating for Glass	4.19	
		For >10,750, Deduct	*-0.83*	
09 97 63 00-0070	SF	Thortex Therma Tech LG Encapsulation System	1.64	
		For >29,500, Deduct	*-0.29*	

09 97 63 00-0071 Thortex Crew for Thortex Coating Systems *(09 97 63 00-0036)*

Note: Includes all labor, equipment, subcontractor costs, travel expenses necessary to install tasks.

09 97 63 00-0072	DAY	Application Of Thortex Coating System, Per Man (Minimum 3 Men Per Crew) (3M Skotchkote) Note: Excludes grit blast and generator. Excludes material.	1,350.00	

09 97 63 00-0073 Adsil HVAC Equipment Coatings *(09 97 63)*

Note: Shop applied. A small job has 1 to 6 units and a total of less than 100 tons. A large job has greater than 7 units and 100 tons.

09 97 63 00-0074	TON	<40 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	227.32	
		For Field Applied, Add	*34.10*	
09 97 63 00-0075	TON	40 To 49 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	222.48	
		For Field Applied, Add	*33.37*	
09 97 63 00-0076	TON	>49 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	212.81	
		For Field Applied, Add	*31.92*	
09 97 63 00-0077	TON	<40 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	116.08	
09 97 63 00-0078	TON	40 To 49 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	111.24	
09 97 63 00-0079	TON	>49 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	106.41	
09 97 63 00-0080	TON	<40 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	43.53	
09 97 63 00-0081	TON	40 To 49 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	38.69	
09 97 63 00-0082	TON	>49 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	33.86	
09 97 63 00-0083	TON	51 To 100 Ton Condenser, Large Job, Adsil HVAC Equipment Coating	221.27	
		For Field Applied, Add	*33.19*	
		For Cabinet, Add	*44.25*	
09 97 63 00-0084	TON	>100 Ton Condenser, Large Job, Adsil HVAC Equipment Coating	201.93	
		For Field Applied, Add	*30.29*	
		For Cabinet, Add	*40.39*	
09 97 63 00-0085	TON	51 To 100 Ton Evaporator, Large Job Adsil HVAC Equipment Coating	106.41	
		For Cabinet, Add	*21.28*	
09 97 63 00-0086	TON	>100 Ton Evaporator, Large Job, Adsil HVAC Equipment Coating	101.57	
		For Cabinet, Add	*20.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 30 Operation and Maintenance of Fireplaces and Stoves *(10 01)*

10 01 30 00-0001 Fireplace Cleaning *(10 01 30)*

10 01 30 00-0002	EA	Inspect And Clean Fireplace Insert	261.91	
10 01 30 00-0003	EA	Inspect And Clean Fireplace Insert And Chimney	314.29	
10 01 30 00-0004	EA	Inspect And Clean Fireplace Brick/Masonry Chimney	419.06	

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*

Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 Lb. Carbon Dioxide Portable Fire Extinguisher	18.49	
10 01 40 00-0004	EA	Recharge 5 Lb. Carbon Dioxide Portable Fire Extinguisher	20.54	
10 01 40 00-0005	EA	Recharge 10 Lb. Carbon Dioxide Portable Fire Extinguisher	21.36	
10 01 40 00-0006	EA	Recharge 15 Lb. Carbon Dioxide Portable Fire Extinguisher	24.18	
10 01 40 00-0007	EA	Recharge 20 Lb. Carbon Dioxide Portable Fire Extinguisher	27.94	

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 Lb. Dry Chemical Portable Fire Extinguisher	22.30	
10 01 40 00-0010	EA	Recharge 5 Lb. Dry Chemical Portable Fire Extinguisher	27.00	
10 01 40 00-0011	EA	Recharge 10 Lb. Dry Chemical Portable Fire Extinguisher	38.15	
10 01 40 00-0012	EA	Recharge 20 Lb. Dry Chemical Portable Fire Extinguisher	60.22	

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	22.07	
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	157.30	
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	220.21	
10 01 40 00-0017	EA	Recharge 30 Lb. Dry Powder Class D Portable Fire Extinguisher	90.67	

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	372.78	
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	293.13	
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	251.23	
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	211.91	
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	117.24	
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	52.39	
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	10.48	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	51.04	9.82
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	32.56	4.62
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.14	3.98
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.32	2.60
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.48	1.44

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	53.95	9.82
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	35.40	4.62
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.76	3.98
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.49	2.60
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.59	1.44
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	49.24	9.82
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	30.72	4.62
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	26.39	3.98
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	21.85	2.60
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	17.84	1.44
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)*		
		Note: Includes storage, cleaning and supply materials.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	12.07	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	17.03	4.62
		Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	20.27	4.62
		Note: Includes porcelain enamel steel surface mounted on either particleboard or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	24.74	6.35
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	31.02	11.55
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	17.59	6.35
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	17.20	6.35
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.30	6.35
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	20.39	6.35
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.30	6.35
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,334.38	115.47
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,620.22	115.47
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,967.34	122.98
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,299.45	122.98
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,110.49	132.22
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,375.40	132.22
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,943.26	138.57
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,600.87	138.57
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,187.01	115.47
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,779.09	115.47
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,324.50	122.98
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,868.11	122.98
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,549.16	132.22
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,788.74	132.22
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,787.33	138.57
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,587.04	138.57
10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,550.54	115.47
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,034.66	115.47
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,559.14	122.98
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,114.87	122.98
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,192.49	132.22
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,447.49	132.22
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,612.42	138.57
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	8,497.57	138.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*		
10 11 13 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,788.76	115.47
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,076.81	115.47
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,364.44	122.98
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,864.52	122.98
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,233.25	132.22
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,694.77	132.22
10 11 13 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,086.35	115.47
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,533.55	115.47
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,982.54	122.98
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,805.34	122.98
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,318.34	132.22
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,065.13	132.22
10 11 13 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,576.71	115.47
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,186.38	115.47
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,797.83	122.98
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,942.25	122.98
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,612.73	132.22
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,664.62	132.22
10 11 13 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,948.99	230.96
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,204.12	230.96
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,489.12	238.17
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,956.41	238.17
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,473.39	245.39
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,924.16	245.39
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,906.12	259.82
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,030.82	259.82
10 11 13 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,067.42	230.96
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,404.72	230.96
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,781.82	238.17
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,468.55	238.17
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,152.09	245.39
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,804.67	245.39
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,130.55	259.82
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,328.17	259.82
10 11 13 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,270.42	230.96
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,121.73	230.96
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,573.29	238.17
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,466.24	238.17
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,405.57	245.39
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	22,308.43	245.39
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,090.59	259.82
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,438.25	259.82
10 11 13 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*		
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	671.40	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,146.19	

10 11 16 Markerboards *(10 11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	51.22	9.82
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	33.20	4.62
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.14	3.98
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.55	2.60
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.22	1.44

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	53.99	9.82
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	34.03	4.62
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	29.38	3.98
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	25.11	2.60
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.78	1.44

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	49.22	9.82
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	30.73	4.62
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	27.73	3.98
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	21.99	2.60
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	17.53	1.44

10 11 16 13-0020 Melamine Markerboards *(10 11 16 13)*

10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes full-length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	40.75	9.82
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	24.90	4.62
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	21.60	3.98
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	16.21	2.60
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.12	1.44

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	39.81	9.82
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	24.46	4.62
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	20.98	3.98
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	15.10	2.60
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.12	1.44

10 11 16 13-0033 Nonporous, Non-Staining Markerboards *(10 11 16 13)*

10 11 16 13-0034 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	56.31	9.82
		For Magnetic Surface, Add	*3.67*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.14	4.62
		For Magnetic Surface, Add	*2.79*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.04	3.98
		For Magnetic Surface, Add	*2.41*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.31	2.60
		For Magnetic Surface, Add	*2.31*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.45	1.44
		For Magnetic Surface, Add	*2.16*	

10 11 16 13-0040 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	56.31	9.82
		For Magnetic Surface, Add	*3.67*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.14	4.62
		For Magnetic Surface, Add	*2.79*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	32.04	3.98
		For Magnetic Surface, Add	*2.41*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.31	2.60
		For Magnetic Surface, Add	*2.31*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.45	1.44
		For Magnetic Surface, Add	*2.16*	

10 11 16 13-0046 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	101.76	9.82
		For Magnetic Surface, Add	*8.21*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	64.45	4.62
		For Magnetic Surface, Add	*5.52*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	54.46	3.98
		For Magnetic Surface, Add	*4.65*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	46.05	2.60
		For Magnetic Surface, Add	*4.09*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	35.78	1.44
		For Magnetic Surface, Add	*3.29*	

10 11 16 13-0052 Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*

Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface; 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.

10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	25.31	3.98
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	21.63	2.60
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	18.21	1.44

10 11 16 13-0056 Removal And Reinstallation Of Markerboard *(10 11 16 13)*

Note: Includes storage, cleaning and supply materials.

10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	69.28	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	80.84	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	92.38	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	103.93	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	115.47	

10 11 16 13-0062 Field Applied Markerboard And Accessories *(10 11 16 13)*

10 11 16 13-0063 Markerboard Face Sheets And Panels *(10 11 16 13-0062)*

10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.	16.77	4.62
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.	19.68	4.62
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS) Note: Includes porcelain enamel steel surface mounted on either 3/8" particleboard or 1/4" hardboard core with an aluminum moisture barrier back.	19.61	4.62
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	11.50	4.62

10 11 16 13-0068 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*

See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.

10 11 16 33 Rail-Mounted Markerboards *(10 11 16)*

10 11 16 33-0001 Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*

10 11 16 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*

10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,306.36	115.47
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,582.85	115.47
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,920.63	122.98
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,243.40	122.98
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,045.10	132.22
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,300.67	132.22
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,849.85	138.57
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,488.77	138.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0011		**Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,158.99	115.47
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,741.73	115.47
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,277.79	122.98
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,812.06	122.98
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,483.77	132.22
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,714.01	132.22
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,693.91	138.57
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,474.94	138.57
10 11 16 33-0020		**Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,522.51	115.47
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,997.30	115.47
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,512.43	122.98
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,058.82	122.98
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,127.10	132.22
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,372.76	132.22
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,519.00	138.57
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,413.49	138.57
10 11 16 33-0029		**Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series)** *(10 11 16 33)*		
10 11 16 33-0030		**One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,751.40	115.47
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,030.10	115.47
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,308.39	122.98
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,789.79	122.98
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,139.83	132.22
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,582.67	132.22
10 11 16 33-0037		**Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,011.62	115.47
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,440.14	115.47
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,870.44	122.98
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,655.88	122.98
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,131.51	132.22
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,840.93	132.22
10 11 16 33-0044		**Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,464.61	115.47
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,046.25	115.47
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,629.68	122.98
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,718.05	122.98
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,332.49	132.22
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	9,328.32	132.22
10 11 16 33-0051		**Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series)** *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		**One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,902.28	230.96
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,145.73	230.96
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,419.06	238.17
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,863.00	238.17
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,356.62	245.39
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,784.04	245.39
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,742.65	259.82
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,844.00	259.82
10 11 16 33-0061		**Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0051)*		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,974.00	230.96
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,287.96	230.96
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,641.70	238.17
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,281.72	238.17
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,918.55	245.39
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,524.42	245.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,803.60	259.82
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,954.51	259.82
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,130.30	230.96
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,946.58	230.96
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,363.11	238.17
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,186.00	238.17
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,055.26	245.39
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,888.06	245.39
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,600.16	259.82
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,877.76	259.82
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*		
		See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 16 53		**Electronic Markerboards** *(10 11 16)*		
10 11 16 53-0001		Interactive White Boards *(10 11 16 53)*		
10 11 16 53-0002	EA	Mobile System, ActivBoard 378 PRO Interactive White Board With Ultra-Short Throw Projector (Promethean AB 378 Mobile System) Note: Includes ActivBoard 378, ActivInspire Professional software, AB2 mobile mount and ultra-short throw projector.	10,546.19	
10 11 16 53-0003	EA	Mobile System, ActivBoard 387 PRO Interactive White Board With Ultra-Short Throw Projector (Promethean AB 387 Mobile System) Note: Includes ActivBoard 387, ActivInspire Professional software, AB2 mobile mount and ultra-short throw projector.	10,995.86	
10 11 16 53-0004	EA	Fixed Mount, ActivBoard 378 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Fixed Short Throw Bundle - 378 PRO) Note: Includes ActivBoard 378 PRO, AB+2 fixed mount, dual pen, integrated speakers, short throw projector, Activinspire Professional software, auxiliary kit and over the board mounting kit.	8,697.86	
10 11 16 53-0005	EA	Fixed Mount, ActivBoard 387 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Fixed Short Throw Bundle - 387 PRO) Note: Includes ActivBoard 387 PRO, AB+2 fixed mount, dual pen, integrated speakers, short throw projector, Activinspire Professional software, auxiliary kit and over the board mounting kit.	9,073.38	
10 11 16 53-0006	EA	Fixed Mount, ActivBoard 395 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Fixed Short Throw Bundle - 395 PRO) Note: Includes ActivBoard 395 PRO, AB+2 fixed mount, dual pen, integrated speakers, short throw projector, Activinspire Professional software, auxiliary kit and over the board mounting kit.	9,841.16	
10 11 16 53-0007	EA	Fixed Mount, ActivBoard 378 PRO Interactive White Board With Ultra-Short Throw Projector (Promethean AB+2 Fixed Ultra Short Throw Bundle - 378 PRO) Note: Includes ActivBoard 378 PRO, AB+2 fixed mount, dual pen, integrated speakers, ultra-short throw projector, Activinspire Professional software, auxiliary kit and over the board mounting kit.	9,623.50	
10 11 16 53-0008	EA	Fixed Mount, ActivBoard 387 PRO Interactive White Board With Ultra-Short Throw Projector (Promethean AB+2 Fixed Ultra Short Throw Bundle - 387 PRO) Note: Includes ActivBoard 387 PRO, AB+2 fixed mount, dual pen, integrated speakers, ultra-short throw projector, Activinspire Professional software, auxiliary kit and over the board mounting kit.	10,838.56	
10 11 16 53-0009	EA	Adjustable Mount, ActivBoard 378 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Adjustable Short Throw Bundle - 378 PRO) Note: Includes ActivBoard 378 PRO, AB+2 Adjustable Mount, short throw projector, ActivInspire software, integrated speakers, dual pen and auxiliary kit.	10,429.83	
10 11 16 53-0010	EA	Adjustable Mount, ActivBoard 387 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Adjustable Short Throw Bundle - 387 PRO) Note: Includes ActivBoard 387 PRO, AB+2 Adjustable Mount, short throw projector, ActivInspire software, integrated speakers, dual pen and auxiliary kit.	10,788.60	
10 11 16 53-0011	EA	Adjustable Mount, ActivBoard 395 PRO Interactive White Board With Short Throw Projector (Promethean AB+2 Adjustable Short Throw Bundle - 395 PRO) Note: Includes ActivBoard 395 PRO, AB+2 Adjustable Mount, short throw projector, ActivInspire software, integrated speakers, dual pen and auxiliary kit.	17,880.41	
10 11 16 53-0012	EA	Adjustable Mount, ActivBoard 378 PRO Interactive White Board With Ultra Short Throw Projector (Promethean AB+2 Adjustable Ultra-Short Throw Bundle - 378 PRO) Note: Includes ActivBoard 378 PRO, AB+2 Adjustable Mount, ultra-short throw projector, ActivInspire software, integrated speakers, dual pen and auxiliary kit.	12,508.34	
10 11 16 53-0013	EA	Adjustable Mount, ActivBoard 387 PRO Interactive White Board With Ultra Short Throw Projector (Promethean AB+2 Adjustable Ultra-Short Throw Bundle - 387 PRO) Note: Includes ActivBoard 387 PRO, AB+2 Adjustable Mount, ultra-short throw projector, ActivInspire software, integrated speakers, dual pen and auxiliary kit.	11,527.68	
10 11 23		**Tackboards** *(10 11)*		
10 11 23 13		**Fixed Tackboards** *(10 11 23)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	34.42	9.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.52	4.62
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.92	3.98
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.45	2.60
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.95	1.44
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	36.16	9.82
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	20.33	4.62
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.51	3.98
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.81	2.60
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.94	1.44
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	36.35	9.82
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	22.03	4.62
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	20.36	3.98
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	15.61	2.60
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	12.29	1.44
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes burlap backed 1/4" self-healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	39.47	9.82
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.58	4.62
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.32	3.98
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.88	2.60
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	17.49	1.44
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	43.69	9.82
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	30.09	4.62
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	27.87	3.98
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.18	2.60
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.90	1.44
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	35.61	9.82
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	20.99	4.62
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	18.57	3.98
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.15	2.60
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.46	1.44
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	38.00	9.82
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	24.09	4.62
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	22.29	3.98
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.72	2.60
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.49	1.44
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	34.42	9.82
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	19.61	4.62
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	17.06	3.98
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	13.45	2.60
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.74	1.44
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	36.35	9.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	22.88	4.62
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	20.36	3.98
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	15.61	2.60
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.29	1.44

10 12 Display Cases *(10 10)*

10 12 00 00-0001 Counter Display Cases *(10 12)*

10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	1,932.20	176.91
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	2,089.40	176.91
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	2,025.38	176.91
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	2,027.92	78.64

10 12 00 00-0006 Upright Display Case *(10 12)*

10 12 00 00-0007	EA	72" High x 20" Deep x 70" Wide, Upright Display Case	4,064.64	176.91

10 12 00 00-0008 Full Vision Display Case *(10 12)*

10 12 00 00-0009	EA	38" x 20" x 70" Full Vision Display Case	2,642.96	176.91

10 13 Directories *(10 10)*

10 13 11 Directory and Bulletin Boards *(10 13)*

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001 Wall Mounted Directories *(10 13 11)*

Note: Includes changeable letters.

10 13 11 00-0002 Open Face, Wall Mounted Directories *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel.

10 13 11 00-0003 Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*

10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	56.73	9.82
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	37.06	4.62
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	33.67	3.98
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	25.71	2.60
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	20.52	1.44

10 13 11 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*

10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	57.28	9.82
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	37.42	4.62
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	34.41	3.98
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	24.51	2.60
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	21.07	1.44
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*

10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*

10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	139.53	9.82
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	111.78	4.62
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	93.62	3.98
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	86.66	2.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	78.35	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*

10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	120.07	9.82
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	96.68	3.98
		For Fluorescent Lights, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	69.31	2.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	62.38	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*

10 13 11 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*

10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	124.94	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.06*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	96.64	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.48*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	81.79	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.76*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	60.10	2.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.98*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	56.05	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.63*	

10 13 11 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*

10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	192.32	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*34.54*	
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	111.70	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.49*	
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	94.11	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.23*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	72.53	2.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.47*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	67.07	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.84*	

10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*

10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*

10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	188.92	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	126.11	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	122.54	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0047 Wall Mounted Bulletin Boards *(10 13 11)*

10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	136.22	9.82
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	109.30	4.62
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	91.14	3.98
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.32	2.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.25	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*

10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	114.19	9.82
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	91.10	3.98
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	65.00	2.60
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.07	1.44
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	127.96	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.66*	
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	99.66	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.08*	
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.81	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.37*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	63.12	2.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.59*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.07	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.24*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	195.34	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*35.14*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	114.72	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.10*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	97.13	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.83*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.55	2.60
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.07*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	70.09	1.44
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.44*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	185.90	9.82
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	123.10	4.62
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	119.55	3.98
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

10 14 16 Plaques *(10 14)*

Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.

10 14 16 00-0001 Metal Cased Plaque *(10 14 16)*

10 14 16 00-0002	SF	Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each	473.20	28.85
		For >5 To 10, Deduct	*-50.90*	
		For >10 Each, Deduct	*-86.68*	
10 14 16 00-0003	SF	Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each	401.09	28.85
		For >5 To 10, Deduct	*-42.97*	
		For >10 Each, Deduct	*-71.53*	

10 14 16 00-0004 Metal Engraved Plaque, Etched *(10 14 16)*

10 14 16 00-0005	SF	Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each	439.98	28.85
		For >5 To 10, Deduct	*-47.24*	
		For >10 Each, Deduct	*-79.70*	
10 14 16 00-0006	SF	Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each	410.48	28.85
		For >5 To 10, Deduct	*-44.00*	
		For >10 Each, Deduct	*-73.51*	
10 14 16 00-0007	SF	Brass Engraved Plaque Including Emblem Size 1-4 SF Each	283.06	28.85
		For >5 To 10, Deduct	*-29.98*	
		For >10 Each, Deduct	*-46.75*	
10 14 16 00-0008	SF	Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each	273.67	28.85
		For >5 To 10, Deduct	*-28.95*	
		For >10 Each, Deduct	*-44.78*	

10 14 16 00-0009 Metal Built-Up Plaque *(10 14 16)*

10 14 16 00-0010	SF	Bronze Built-up Plaque	373.97	35.78
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-39.69*	
		For >10 Each, Deduct	*-62.67*	
10 14 16 00-0011	SF	Copper And Bronze Built-up Plaque	380.93	35.78
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-40.46*	
		For >10 Each, Deduct	*-64.13*	
10 14 16 00-0012	SF	Copper And Aluminum Built-up Plaque	448.72	35.78
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-47.92*	
		For >10 Each, Deduct	*-78.36*	
10 14 16 00-0013	SF	Bronze Built-up Dedication Plaque	428.54	72.13
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-45.70*	
		For >10 Each, Deduct	*-74.13*	
10 14 16 00-0014	SF	Bronze Built-up Plaque	370.52	72.13
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-39.31*	
		For >10 Each, Deduct	*-61.94*	

10 14 16 00-0015 Metal Nameplate Plaques *(10 14 16)*

10 14 16 00-0016	SF	Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each	193.01	19.64
		For >5 To 10, Deduct	*-20.46*	
		For >10 Each, Deduct	*-32.06*	
10 14 16 00-0017	SF	Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each	311.71	19.64
		For >5 To 10, Deduct	*-33.52*	
		For >10 Each, Deduct	*-56.99*	
10 14 16 00-0018	EA	1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each	146.60	19.64
		For >5 To 10, Deduct	*-15.36*	
		For >10 Each, Deduct	*-22.32*	
10 14 16 00-0019	EA	1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each	157.47	19.64
		For >5 To 10, Deduct	*-16.55*	
		For >10 Each, Deduct	*-24.60*	
10 14 16 00-0020	SF	Bronze Built-up Plaque Including Raised Bronze Lettering	362.22	72.13
		For >5 To 10, Deduct	*-38.40*	
		For >10 Each, Deduct	*-60.20*	

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0001		Cast Characters *(10 14 19)* Note: Any font.		
10 14 19 00-0002		Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*		
10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	53.23	7.22
		For Installation With Adhesive, Deduct	*-5.55*	
		For Clear Anodized, Add	*2.44*	
		For Satin Face And Enameled Return, Add	*7.31*	
		For Patina Finish, Add	*9.75*	
		For Color Anodized, Add	*12.19*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	63.04	7.79
		For Installation With Adhesive, Deduct	*-6.27*	
		For Clear Anodized, Add	*3.19*	
		For Satin Face And Enameled Return, Add	*9.56*	
		For Patina Finish, Add	*12.75*	
		For Color Anodized, Add	*15.94*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	69.09	8.37
		For Installation With Adhesive, Deduct	*-6.80*	
		For Clear Anodized, Add	*3.56*	
		For Satin Face And Enameled Return, Add	*10.69*	
		For Patina Finish, Add	*14.25*	
		For Color Anodized, Add	*17.82*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	79.35	9.58
		For Installation With Adhesive, Deduct	*-7.78*	
		For Clear Anodized, Add	*4.13*	
		For Satin Face And Enameled Return, Add	*12.38*	
		For Patina Finish, Add	*16.50*	
		For Color Anodized, Add	*20.63*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	87.27	10.09
		For Installation With Adhesive, Deduct	*-8.40*	
		For Clear Anodized, Add	*4.69*	
		For Satin Face And Enameled Return, Add	*14.06*	
		For Patina Finish, Add	*18.75*	
		For Color Anodized, Add	*23.44*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	104.29	11.54
		For Installation With Adhesive, Deduct	*-9.83*	
		For Clear Anodized, Add	*5.81*	
		For Satin Face And Enameled Return, Add	*17.44*	
		For Patina Finish, Add	*23.25*	
		For Color Anodized, Add	*29.07*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	115.99	12.11
		For Installation With Adhesive, Deduct	*-10.65*	
		For Clear Anodized, Add	*6.75*	
		For Satin Face And Enameled Return, Add	*20.25*	
		For Patina Finish, Add	*27.00*	
		For Color Anodized, Add	*33.76*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	132.58	12.98
		For Installation With Adhesive, Deduct	*-11.82*	
		For Clear Anodized, Add	*8.06*	
		For Satin Face And Enameled Return, Add	*24.19*	
		For Patina Finish, Add	*32.26*	
		For Color Anodized, Add	*40.32*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	161.27	15.00
		For Installation With Adhesive, Deduct	*-14.06*	
		For Clear Anodized, Add	*10.13*	
		For Satin Face And Enameled Return, Add	*30.38*	
		For Patina Finish, Add	*40.50*	
		For Color Anodized, Add	*50.63*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	193.01	17.31
		For Installation With Adhesive, Deduct	*-16.57*	
		For Clear Anodized, Add	*12.38*	
		For Satin Face And Enameled Return, Add	*37.13*	
		For Patina Finish, Add	*49.51*	
		For Color Anodized, Add	*61.89*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	211.99	19.24
		For Installation With Adhesive, Deduct	*-18.30*	
		For Clear Anodized, Add	*13.50*	
		For Satin Face And Enameled Return, Add	*40.51*	
		For Patina Finish, Add	*54.01*	
		For Color Anodized, Add	*67.51*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	236.86	20.78
		For Installation With Adhesive, Deduct	*-20.15*	
		For Clear Anodized, Add	*15.38*	
		For Satin Face And Enameled Return, Add	*46.13*	
		For Patina Finish, Add	*61.51*	
		For Color Anodized, Add	*76.89*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	287.36	23.08
		For Installation With Adhesive, Deduct	*-23.60*	
		For Clear Anodized, Add	*19.50*	
		For Satin Face And Enameled Return, Add	*58.51*	
		For Patina Finish, Add	*78.01*	
		For Color Anodized, Add	*97.52*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	347.65	25.96
		For Installation With Adhesive, Deduct	*-27.77*	
		For Clear Anodized, Add	*24.38*	
		For Satin Face And Enameled Return, Add	*73.13*	
		For Patina Finish, Add	*97.51*	
		For Color Anodized, Add	*121.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	419.19	28.85
		For Installation With Adhesive, Deduct	*-32.50*	
		For Clear Anodized, Add	*30.38*	
		For Satin Face And Enameled Return, Add	*91.14*	
		For Patina Finish, Add	*121.52*	
		For Color Anodized, Add	*151.90*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	65.47	7.94
		For Installation With Adhesive, Deduct	*-6.45*	
		For Oxidized Finish, Add	*5.06*	
		For Polished Or Patina Finish, Add	*10.12*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	94.05	8.65
		For Installation With Adhesive, Deduct	*-8.16*	
		For Oxidized Finish, Add	*8.91*	
		For Polished Or Patina Finish, Add	*17.83*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	102.78	9.24
		For Installation With Adhesive, Deduct	*-8.83*	
		For Oxidized Finish, Add	*9.88*	
		For Polished Or Patina Finish, Add	*19.76*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	125.07	10.39
		For Installation With Adhesive, Deduct	*-10.41*	
		For Oxidized Finish, Add	*12.53*	
		For Polished Or Patina Finish, Add	*25.06*	
10 14 19 00-0023	EA	6" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	139.19	11.08
		For Installation With Adhesive, Deduct	*-11.40*	
		For Oxidized Finish, Add	*14.21*	
		For Polished Or Patina Finish, Add	*28.43*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	185.69	12.70
		For Installation With Adhesive, Deduct	*-14.36*	
		For Oxidized Finish, Add	*20.24*	
		For Polished Or Patina Finish, Add	*40.47*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	212.09	13.27
		For Installation With Adhesive, Deduct	*-15.91*	
		For Oxidized Finish, Add	*23.85*	
		For Polished Or Patina Finish, Add	*47.70*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	237.58	14.43
		For Installation With Adhesive, Deduct	*-17.65*	
		For Oxidized Finish, Add	*26.98*	
		For Polished Or Patina Finish, Add	*53.96*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	282.16	16.74
		For Installation With Adhesive, Deduct	*-20.80*	
		For Oxidized Finish, Add	*32.28*	
		For Polished Or Patina Finish, Add	*64.57*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	331.54	19.04
		For Installation With Adhesive, Deduct	*-24.19*	
		For Oxidized Finish, Add	*38.31*	
		For Polished Or Patina Finish, Add	*76.61*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	392.67	23.08
		For Installation With Adhesive, Deduct	*-28.87*	
		For Oxidized Finish, Add	*45.05*	
		For Polished Or Patina Finish, Add	*90.10*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	407.62	24.81
		For Installation With Adhesive, Deduct	*-30.31*	
		For Oxidized Finish, Add	*46.26*	
		For Polished Or Patina Finish, Add	*92.51*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	579.56	28.85
		For Installation With Adhesive, Deduct	*-40.52*	
		For Oxidized Finish, Add	*69.62*	
		For Polished Or Patina Finish, Add	*139.25*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	698.38	32.46
		For Installation With Adhesive, Deduct	*-47.90*	
		For Oxidized Finish, Add	*85.28*	
		For Polished Or Patina Finish, Add	*170.57*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	888.83	37.51
		For Installation With Adhesive, Deduct	*-59.44*	
		For Oxidized Finish, Add	*110.82*	
		For Polished Or Patina Finish, Add	*221.64*	

10 14 19 00-0034 Molded Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	41.17	5.77
		For Installation With Adhesive, Deduct	*-4.37*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	44.58	6.35
		For Installation With Adhesive, Deduct	*-4.77*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	49.25	6.92
		For Installation With Adhesive, Deduct	*-5.23*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	63.11	7.50
		For Installation With Adhesive, Deduct	*-6.16*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	68.20	8.08
		For Installation With Adhesive, Deduct	*-6.64*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	73.87	8.65
		For Installation With Adhesive, Deduct	*-7.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	86.10	10.09
		For Installation With Adhesive, Deduct	*-8.34*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	113.47	12.70
		For Installation With Adhesive, Deduct	*-10.75*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	144.51	15.00
		For Installation With Adhesive, Deduct	*-13.23*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	214.10	18.46
		For Installation With Adhesive, Deduct	*-18.09*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	318.10	21.64
		For Installation With Adhesive, Deduct	*-24.56*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	417.73	24.81
		For Installation With Adhesive, Deduct	*-30.81*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	781.74	33.18
		For Installation With Adhesive, Deduct	*-52.36*	

10 14 19 00-0049 Cutout Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0050 Satin Finish, Aluminum Characters *(10 14 19 00-0049)*

10 14 19 00-0051 1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	49.48	7.22
		For Installation With Adhesive, Deduct	*-5.36*	
		For Clear Anodized, Add	*2.06*	
		For Satin Face And Enameled Return, Add	*7.22*	
		For Color Anodized, Add	*10.32*	
		For Polished Or Patina Finish, Add	*10.32*	
		For Polished Anodized Finish, Add	*15.47*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	69.09	8.37
		For Installation With Adhesive, Deduct	*-6.80*	
		For Clear Anodized, Add	*3.56*	
		For Satin Face And Enameled Return, Add	*12.47*	
		For Color Anodized, Add	*17.82*	
		For Polished Or Patina Finish, Add	*17.82*	
		For Polished Anodized Finish, Add	*26.72*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.90	10.09
		For Installation With Adhesive, Deduct	*-8.68*	
		For Clear Anodized, Add	*5.25*	
		For Satin Face And Enameled Return, Add	*18.38*	
		For Color Anodized, Add	*26.26*	
		For Polished Or Patina Finish, Add	*26.26*	
		For Polished Anodized Finish, Add	*39.38*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	113.67	11.54
		For Installation With Adhesive, Deduct	*-10.30*	
		For Clear Anodized, Add	*6.75*	
		For Satin Face And Enameled Return, Add	*23.63*	
		For Color Anodized, Add	*33.76*	
		For Polished Or Patina Finish, Add	*33.76*	
		For Polished Anodized Finish, Add	*50.63*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	130.70	12.98
		For Installation With Adhesive, Deduct	*-11.73*	
		For Clear Anodized, Add	*7.88*	
		For Satin Face And Enameled Return, Add	*27.57*	
		For Color Anodized, Add	*39.38*	
		For Polished Or Patina Finish, Add	*39.38*	
		For Polished Anodized Finish, Add	*59.07*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	150.02	15.00
		For Installation With Adhesive, Deduct	*-13.50*	
		For Clear Anodized, Add	*9.00*	
		For Satin Face And Enameled Return, Add	*31.50*	
		For Color Anodized, Add	*45.01*	
		For Polished Or Patina Finish, Add	*45.01*	
		For Polished Anodized Finish, Add	*67.51*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	176.13	17.31
		For Installation With Adhesive, Deduct	*-15.73*	
		For Clear Anodized, Add	*10.69*	
		For Satin Face And Enameled Return, Add	*37.41*	
		For Color Anodized, Add	*53.45*	
		For Polished Or Patina Finish, Add	*53.45*	
		For Polished Anodized Finish, Add	*80.17*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	208.73	20.78
		For Installation With Adhesive, Deduct	*-18.75*	
		For Clear Anodized, Add	*12.56*	
		For Satin Face And Enameled Return, Add	*43.97*	
		For Color Anodized, Add	*62.82*	
		For Polished Or Patina Finish, Add	*62.82*	
		For Polished Anodized Finish, Add	*94.23*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	234.85	23.08
		For Installation With Adhesive, Deduct	*-20.98*	
		For Clear Anodized, Add	*14.25*	
		For Satin Face And Enameled Return, Add	*49.88*	
		For Color Anodized, Add	*71.26*	
		For Polished Or Patina Finish, Add	*71.26*	
		For Polished Anodized Finish, Add	*106.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	282.02	25.96
		For Installation With Adhesive, Deduct	*-24.49*	
		For Clear Anodized, Add	*17.82*	
		For Satin Face And Enameled Return, Add	*62.35*	
		For Color Anodized, Add	*89.08*	
		For Polished Or Patina Finish, Add	*89.08*	
		For Polished Anodized Finish, Add	*133.61*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	323.42	27.41
		For Installation With Adhesive, Deduct	*-27.14*	
		For Clear Anodized, Add	*21.38*	
		For Satin Face And Enameled Return, Add	*74.82*	
		For Color Anodized, Add	*106.89*	
		For Polished Or Patina Finish, Add	*106.89*	
		For Polished Anodized Finish, Add	*160.34*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	400.44	28.85
		For Installation With Adhesive, Deduct	*-31.56*	
		For Clear Anodized, Add	*28.50*	
		For Satin Face And Enameled Return, Add	*99.76*	
		For Color Anodized, Add	*142.52*	
		For Polished Or Patina Finish, Add	*142.52*	
		For Polished Anodized Finish, Add	*213.78*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	572.92	34.62
		For Installation With Adhesive, Deduct	*-42.50*	
		For Clear Anodized, Add	*43.44*	
		For Satin Face And Enameled Return, Add	*152.05*	
		For Color Anodized, Add	*217.22*	
		For Polished Or Patina Finish, Add	*217.22*	
		For Polished Anodized Finish, Add	*325.82*	
10 14 19 00-0065		3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	62.68	7.22
		For Installation With Adhesive, Deduct	*-6.02*	
		For Clear Anodized, Add	*3.38*	
		For Satin Face And Enameled Return, Add	*11.84*	
		For Color Anodized, Add	*16.92*	
		For Polished Or Patina Finish, Add	*16.92*	
		For Polished Anodized Finish, Add	*25.37*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	89.76	8.37
		For Installation With Adhesive, Deduct	*-7.83*	
		For Clear Anodized, Add	*5.63*	
		For Satin Face And Enameled Return, Add	*19.71*	
		For Color Anodized, Add	*28.15*	
		For Polished Or Patina Finish, Add	*28.15*	
		For Polished Anodized Finish, Add	*42.23*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	113.37	10.09
		For Installation With Adhesive, Deduct	*-9.71*	
		For Clear Anodized, Add	*7.30*	
		For Satin Face And Enameled Return, Add	*25.54*	
		For Color Anodized, Add	*36.49*	
		For Polished Or Patina Finish, Add	*36.49*	
		For Polished Anodized Finish, Add	*54.74*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	142.02	11.54
		For Installation With Adhesive, Deduct	*-11.72*	
		For Clear Anodized, Add	*9.59*	
		For Satin Face And Enameled Return, Add	*33.55*	
		For Color Anodized, Add	*47.93*	
		For Polished Or Patina Finish, Add	*47.93*	
		For Polished Anodized Finish, Add	*71.90*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	164.57	12.98
		For Installation With Adhesive, Deduct	*-13.42*	
		For Clear Anodized, Add	*11.26*	
		For Satin Face And Enameled Return, Add	*39.42*	
		For Color Anodized, Add	*56.32*	
		For Polished Or Patina Finish, Add	*56.32*	
		For Polished Anodized Finish, Add	*84.47*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	193.23	15.00
		For Installation With Adhesive, Deduct	*-15.66*	
		For Clear Anodized, Add	*13.32*	
		For Satin Face And Enameled Return, Add	*46.63*	
		For Color Anodized, Add	*66.61*	
		For Polished Or Patina Finish, Add	*66.61*	
		For Polished Anodized Finish, Add	*99.92*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	226.37	17.31
		For Installation With Adhesive, Deduct	*-18.24*	
		For Clear Anodized, Add	*15.71*	
		For Satin Face And Enameled Return, Add	*55.00*	
		For Color Anodized, Add	*78.57*	
		For Polished Or Patina Finish, Add	*78.57*	
		For Polished Anodized Finish, Add	*117.85*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	280.35	20.78
		For Installation With Adhesive, Deduct	*-22.33*	
		For Clear Anodized, Add	*19.73*	
		For Satin Face And Enameled Return, Add	*69.04*	
		For Color Anodized, Add	*98.63*	
		For Polished Or Patina Finish, Add	*98.63*	
		For Polished Anodized Finish, Add	*147.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	324.64	23.08
		For Installation With Adhesive, Deduct	*-25.47*	
		For Clear Anodized, Add	*23.23*	
		For Satin Face And Enameled Return, Add	*81.31*	
		For Color Anodized, Add	*116.16*	
		For Polished Or Patina Finish, Add	*116.16*	
		For Polished Anodized Finish, Add	*174.23*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	376.44	25.96
		For Installation With Adhesive, Deduct	*-29.21*	
		For Clear Anodized, Add	*27.26*	
		For Satin Face And Enameled Return, Add	*95.40*	
		For Color Anodized, Add	*136.29*	
		For Polished Or Patina Finish, Add	*136.29*	
		For Polished Anodized Finish, Add	*204.43*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	421.76	27.41
		For Installation With Adhesive, Deduct	*-32.05*	
		For Clear Anodized, Add	*31.21*	
		For Satin Face And Enameled Return, Add	*109.24*	
		For Color Anodized, Add	*156.06*	
		For Polished Or Patina Finish, Add	*156.06*	
		For Polished Anodized Finish, Add	*234.09*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	468.85	28.85
		For Installation With Adhesive, Deduct	*-34.98*	
		For Clear Anodized, Add	*35.35*	
		For Satin Face And Enameled Return, Add	*123.71*	
		For Color Anodized, Add	*176.73*	
		For Polished Or Patina Finish, Add	*176.73*	
		For Polished Anodized Finish, Add	*265.09*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	644.81	34.62
		For Installation With Adhesive, Deduct	*-46.09*	
		For Clear Anodized, Add	*50.63*	
		For Satin Face And Enameled Return, Add	*177.21*	
		For Color Anodized, Add	*253.16*	
		For Polished Or Patina Finish, Add	*253.16*	
		For Polished Anodized Finish, Add	*379.74*	

10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	77.94	7.22
		For Installation With Adhesive, Deduct	*-6.78*	
		For Clear Anodized, Add	*4.91*	
		For Satin Face And Enameled Return, Add	*17.18*	
		For Color Anodized, Add	*24.55*	
		For Polished Or Patina Finish, Add	*24.55*	
		For Polished Anodized Finish, Add	*36.82*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	100.80	8.37
		For Installation With Adhesive, Deduct	*-8.39*	
		For Clear Anodized, Add	*6.73*	
		For Satin Face And Enameled Return, Add	*23.57*	
		For Color Anodized, Add	*33.67*	
		For Polished Or Patina Finish, Add	*33.67*	
		For Polished Anodized Finish, Add	*50.51*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	126.50	10.09
		For Installation With Adhesive, Deduct	*-10.36*	
		For Clear Anodized, Add	*8.61*	
		For Satin Face And Enameled Return, Add	*30.14*	
		For Color Anodized, Add	*43.06*	
		For Polished Or Patina Finish, Add	*43.06*	
		For Polished Anodized Finish, Add	*64.58*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	149.45	11.54
		For Installation With Adhesive, Deduct	*-12.09*	
		For Clear Anodized, Add	*10.33*	
		For Satin Face And Enameled Return, Add	*36.15*	
		For Color Anodized, Add	*51.65*	
		For Polished Or Patina Finish, Add	*51.65*	
		For Polished Anodized Finish, Add	*77.47*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	174.02	12.98
		For Installation With Adhesive, Deduct	*-13.90*	
		For Clear Anodized, Add	*12.21*	
		For Satin Face And Enameled Return, Add	*42.73*	
		For Color Anodized, Add	*61.04*	
		For Polished Or Patina Finish, Add	*61.04*	
		For Polished Anodized Finish, Add	*91.56*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	213.93	15.00
		For Installation With Adhesive, Deduct	*-16.70*	
		For Clear Anodized, Add	*15.39*	
		For Satin Face And Enameled Return, Add	*53.87*	
		For Color Anodized, Add	*76.96*	
		For Polished Or Patina Finish, Add	*76.96*	
		For Polished Anodized Finish, Add	*115.44*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	263.78	17.31
		For Installation With Adhesive, Deduct	*-20.11*	
		For Clear Anodized, Add	*19.45*	
		For Satin Face And Enameled Return, Add	*68.09*	
		For Color Anodized, Add	*97.27*	
		For Polished Or Patina Finish, Add	*97.27*	
		For Polished Anodized Finish, Add	*145.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	319.30	20.78
		For Installation With Adhesive, Deduct	*-24.27*	
		For Clear Anodized, Add	*23.62*	
		For Satin Face And Enameled Return, Add	*82.67*	
		For Color Anodized, Add	*118.11*	
		For Polished Or Patina Finish, Add	*118.11*	
		For Polished Anodized Finish, Add	*177.16*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	387.35	23.08
		For Installation With Adhesive, Deduct	*-28.60*	
		For Clear Anodized, Add	*29.50*	
		For Satin Face And Enameled Return, Add	*103.26*	
		For Color Anodized, Add	*147.51*	
		For Polished Or Patina Finish, Add	*147.51*	
		For Polished Anodized Finish, Add	*221.27*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	456.61	25.96
		For Installation With Adhesive, Deduct	*-33.22*	
		For Clear Anodized, Add	*35.27*	
		For Satin Face And Enameled Return, Add	*123.46*	
		For Color Anodized, Add	*176.37*	
		For Polished Or Patina Finish, Add	*176.37*	
		For Polished Anodized Finish, Add	*264.56*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	524.37	27.41
		For Installation With Adhesive, Deduct	*-37.18*	
		For Clear Anodized, Add	*41.47*	
		For Satin Face And Enameled Return, Add	*145.16*	
		For Color Anodized, Add	*207.37*	
		For Polished Or Patina Finish, Add	*207.37*	
		For Polished Anodized Finish, Add	*311.05*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	588.57	28.85
		For Installation With Adhesive, Deduct	*-40.97*	
		For Clear Anodized, Add	*47.32*	
		For Satin Face And Enameled Return, Add	*165.61*	
		For Color Anodized, Add	*236.59*	
		For Polished Or Patina Finish, Add	*236.59*	
		For Polished Anodized Finish, Add	*354.88*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	816.96	34.62
		For Installation With Adhesive, Deduct	*-54.70*	
		For Clear Anodized, Add	*67.85*	
		For Satin Face And Enameled Return, Add	*237.46*	
		For Color Anodized, Add	*339.24*	
		For Polished Or Patina Finish, Add	*339.24*	
		For Polished Anodized Finish, Add	*508.85*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	81.45	7.22
		For Installation With Adhesive, Deduct	*-6.96*	
		For Clear Anodized, Add	*5.26*	
		For Satin Face And Enameled Return, Add	*18.41*	
		For Color Anodized, Add	*26.30*	
		For Polished Or Patina Finish, Add	*26.30*	
		For Polished Anodized Finish, Add	*39.45*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	104.72	8.37
		For Installation With Adhesive, Deduct	*-8.58*	
		For Clear Anodized, Add	*7.13*	
		For Satin Face And Enameled Return, Add	*24.94*	
		For Color Anodized, Add	*35.63*	
		For Polished Or Patina Finish, Add	*35.63*	
		For Polished Anodized Finish, Add	*53.45*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	138.05	10.09
		For Installation With Adhesive, Deduct	*-10.94*	
		For Clear Anodized, Add	*9.77*	
		For Satin Face And Enameled Return, Add	*34.18*	
		For Color Anodized, Add	*48.83*	
		For Polished Or Patina Finish, Add	*48.83*	
		For Polished Anodized Finish, Add	*73.25*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	183.20	11.54
		For Installation With Adhesive, Deduct	*-13.78*	
		For Clear Anodized, Add	*13.70*	
		For Satin Face And Enameled Return, Add	*47.96*	
		For Color Anodized, Add	*68.52*	
		For Polished Or Patina Finish, Add	*68.52*	
		For Polished Anodized Finish, Add	*102.78*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	229.94	12.98
		For Installation With Adhesive, Deduct	*-16.69*	
		For Clear Anodized, Add	*17.80*	
		For Satin Face And Enameled Return, Add	*62.30*	
		For Color Anodized, Add	*89.00*	
		For Polished Or Patina Finish, Add	*89.00*	
		For Polished Anodized Finish, Add	*133.50*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	288.64	15.00
		For Installation With Adhesive, Deduct	*-20.43*	
		For Clear Anodized, Add	*22.86*	
		For Satin Face And Enameled Return, Add	*80.02*	
		For Color Anodized, Add	*114.32*	
		For Polished Or Patina Finish, Add	*114.32*	
		For Polished Anodized Finish, Add	*171.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	359.98	17.31
		For Installation With Adhesive, Deduct	*-24.92*	
		For Clear Anodized, Add	*29.07*	
		For Satin Face And Enameled Return, Add	*101.76*	
		For Color Anodized, Add	*145.37*	
		For Polished Or Patina Finish, Add	*145.37*	
		For Polished Anodized Finish, Add	*218.06*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	444.94	20.78
		For Installation With Adhesive, Deduct	*-30.56*	
		For Clear Anodized, Add	*36.19*	
		For Satin Face And Enameled Return, Add	*126.65*	
		For Color Anodized, Add	*180.93*	
		For Polished Or Patina Finish, Add	*180.93*	
		For Polished Anodized Finish, Add	*271.39*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	544.12	23.08
		For Installation With Adhesive, Deduct	*-36.44*	
		For Clear Anodized, Add	*45.18*	
		For Satin Face And Enameled Return, Add	*158.13*	
		For Color Anodized, Add	*225.90*	
		For Polished Or Patina Finish, Add	*225.90*	
		For Polished Anodized Finish, Add	*338.84*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	647.23	25.96
		For Installation With Adhesive, Deduct	*-42.75*	
		For Clear Anodized, Add	*54.34*	
		For Satin Face And Enameled Return, Add	*190.18*	
		For Color Anodized, Add	*271.68*	
		For Polished Or Patina Finish, Add	*271.68*	
		For Polished Anodized Finish, Add	*407.52*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	750.98	27.41
		For Installation With Adhesive, Deduct	*-48.51*	
		For Clear Anodized, Add	*64.13*	
		For Satin Face And Enameled Return, Add	*224.47*	
		For Color Anodized, Add	*320.67*	
		For Polished Or Patina Finish, Add	*320.67*	
		For Polished Anodized Finish, Add	*481.01*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	859.35	28.85
		For Installation With Adhesive, Deduct	*-54.51*	
		For Clear Anodized, Add	*74.40*	
		For Satin Face And Enameled Return, Add	*260.38*	
		For Color Anodized, Add	*371.98*	
		For Polished Or Patina Finish, Add	*371.98*	
		For Polished Anodized Finish, Add	*557.96*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,181.51	34.62
		For Installation With Adhesive, Deduct	*-72.92*	
		For Clear Anodized, Add	*104.30*	
		For Satin Face And Enameled Return, Add	*365.06*	
		For Color Anodized, Add	*521.51*	
		For Polished Or Patina Finish, Add	*521.51*	
		For Polished Anodized Finish, Add	*782.27*	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	90.73	7.22
		For Installation With Adhesive, Deduct	*-7.42*	
		For Clear Anodized, Add	*6.19*	
		For Satin Face And Enameled Return, Add	*21.66*	
		For Color Anodized, Add	*30.94*	
		For Polished Or Patina Finish, Add	*30.94*	
		For Polished Anodized Finish, Add	*46.41*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	112.20	8.37
		For Installation With Adhesive, Deduct	*-8.96*	
		For Clear Anodized, Add	*7.87*	
		For Satin Face And Enameled Return, Add	*27.56*	
		For Color Anodized, Add	*39.37*	
		For Polished Or Patina Finish, Add	*39.37*	
		For Polished Anodized Finish, Add	*59.06*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	147.50	10.09
		For Installation With Adhesive, Deduct	*-11.41*	
		For Clear Anodized, Add	*10.71*	
		For Satin Face And Enameled Return, Add	*37.49*	
		For Color Anodized, Add	*53.56*	
		For Polished Or Patina Finish, Add	*53.56*	
		For Polished Anodized Finish, Add	*80.33*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	202.11	11.54
		For Installation With Adhesive, Deduct	*-14.72*	
		For Clear Anodized, Add	*15.60*	
		For Satin Face And Enameled Return, Add	*54.58*	
		For Color Anodized, Add	*77.98*	
		For Polished Or Patina Finish, Add	*77.98*	
		For Polished Anodized Finish, Add	*116.96*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	274.83	12.98
		For Installation With Adhesive, Deduct	*-18.94*	
		For Clear Anodized, Add	*22.29*	
		For Satin Face And Enameled Return, Add	*78.01*	
		For Color Anodized, Add	*111.45*	
		For Polished Or Patina Finish, Add	*111.45*	
		For Polished Anodized Finish, Add	*167.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	359.75	15.00
		For Installation With Adhesive, Deduct	*-23.99*	
		For Clear Anodized, Add	*29.97*	
		For Satin Face And Enameled Return, Add	*104.91*	
		For Color Anodized, Add	*149.87*	
		For Polished Or Patina Finish, Add	*149.87*	
		For Polished Anodized Finish, Add	*224.81*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	455.11	17.31
		For Installation With Adhesive, Deduct	*-29.68*	
		For Clear Anodized, Add	*38.59*	
		For Satin Face And Enameled Return, Add	*135.05*	
		For Color Anodized, Add	*192.94*	
		For Polished Or Patina Finish, Add	*192.94*	
		For Polished Anodized Finish, Add	*289.40*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	565.56	20.78
		For Installation With Adhesive, Deduct	*-36.59*	
		For Clear Anodized, Add	*48.25*	
		For Satin Face And Enameled Return, Add	*168.86*	
		For Color Anodized, Add	*241.24*	
		For Polished Or Patina Finish, Add	*241.24*	
		For Polished Anodized Finish, Add	*361.85*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	685.21	23.08
		For Installation With Adhesive, Deduct	*-43.49*	
		For Clear Anodized, Add	*59.29*	
		For Satin Face And Enameled Return, Add	*207.51*	
		For Color Anodized, Add	*296.44*	
		For Polished Or Patina Finish, Add	*296.44*	
		For Polished Anodized Finish, Add	*444.66*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	843.19	25.96
		For Installation With Adhesive, Deduct	*-52.55*	
		For Clear Anodized, Add	*73.93*	
		For Satin Face And Enameled Return, Add	*258.76*	
		For Color Anodized, Add	*369.66*	
		For Polished Or Patina Finish, Add	*369.66*	
		For Polished Anodized Finish, Add	*554.49*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,005.38	27.41
		For Installation With Adhesive, Deduct	*-61.23*	
		For Clear Anodized, Add	*89.57*	
		For Satin Face And Enameled Return, Add	*313.51*	
		For Color Anodized, Add	*447.87*	
		For Polished Or Patina Finish, Add	*447.87*	
		For Polished Anodized Finish, Add	*671.81*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,187.15	28.85
		For Installation With Adhesive, Deduct	*-70.90*	
		For Clear Anodized, Add	*107.18*	
		For Satin Face And Enameled Return, Add	*375.11*	
		For Color Anodized, Add	*535.88*	
		For Polished Or Patina Finish, Add	*535.88*	
		For Polished Anodized Finish, Add	*803.81*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,677.70	34.62
		For Installation With Adhesive, Deduct	*-97.73*	
		For Clear Anodized, Add	*153.92*	
		For Satin Face And Enameled Return, Add	*538.72*	
		For Color Anodized, Add	*769.61*	
		For Polished Or Patina Finish, Add	*769.61*	
		For Polished Anodized Finish, Add	*1,154.41*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	65.30	7.22
		For Installation With Adhesive, Deduct	*-6.15*	
		For Oxidized Finish, Add	*5.47*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	84.19	8.37
		For Installation With Adhesive, Deduct	*-7.56*	
		For Oxidized Finish, Add	*7.61*	
		For Polished Finish, Add	*15.22*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	115.90	10.09
		For Installation With Adhesive, Deduct	*-9.83*	
		For Oxidized Finish, Add	*11.33*	
		For Polished Finish, Add	*22.65*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	151.62	11.54
		For Installation With Adhesive, Deduct	*-12.20*	
		For Oxidized Finish, Add	*15.82*	
		For Polished Finish, Add	*31.64*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.85	12.98
		For Installation With Adhesive, Deduct	*-14.89*	
		For Oxidized Finish, Add	*21.29*	
		For Polished Finish, Add	*42.57*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	244.89	15.00
		For Installation With Adhesive, Deduct	*-18.25*	
		For Oxidized Finish, Add	*27.73*	
		For Polished Finish, Add	*55.46*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	306.19	17.31
		For Installation With Adhesive, Deduct	*-22.23*	
		For Oxidized Finish, Add	*35.54*	
		For Polished Finish, Add	*71.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	373.42	20.78
		For Installation With Adhesive, Deduct	*-26.98*	
		For Oxidized Finish, Add	*43.55*	
		For Polished Finish, Add	*87.10*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	453.15	23.08
		For Installation With Adhesive, Deduct	*-31.89*	
		For Oxidized Finish, Add	*54.12*	
		For Polished Finish, Add	*108.25*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	538.72	25.96
		For Installation With Adhesive, Deduct	*-37.32*	
		For Oxidized Finish, Add	*65.23*	
		For Polished Finish, Add	*130.46*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	661.66	27.41
		For Installation With Adhesive, Deduct	*-44.05*	
		For Oxidized Finish, Add	*82.80*	
		For Polished Finish, Add	*165.61*	
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	725.45	28.85
		For Installation With Adhesive, Deduct	*-47.81*	
		For Oxidized Finish, Add	*91.51*	
		For Polished Finish, Add	*183.02*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,089.71	34.62
		For Installation With Adhesive, Deduct	*-68.33*	
		For Oxidized Finish, Add	*142.68*	
		For Polished Finish, Add	*285.37*	

10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	78.06	7.22
		For Installation With Adhesive, Deduct	*-6.79*	
		For Oxidized Finish, Add	*7.38*	
		For Polished Finish, Add	*14.76*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	101.94	8.37
		For Installation With Adhesive, Deduct	*-8.44*	
		For Oxidized Finish, Add	*10.27*	
		For Polished Finish, Add	*20.54*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	146.11	10.09
		For Installation With Adhesive, Deduct	*-11.34*	
		For Oxidized Finish, Add	*15.86*	
		For Polished Finish, Add	*31.72*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.80	11.54
		For Installation With Adhesive, Deduct	*-14.31*	
		For Oxidized Finish, Add	*22.15*	
		For Polished Finish, Add	*44.29*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	257.71	12.98
		For Installation With Adhesive, Deduct	*-18.08*	
		For Oxidized Finish, Add	*30.87*	
		For Polished Finish, Add	*61.73*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	328.08	15.00
		For Installation With Adhesive, Deduct	*-22.41*	
		For Oxidized Finish, Add	*40.21*	
		For Polished Finish, Add	*80.42*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	412.82	17.31
		For Installation With Adhesive, Deduct	*-27.57*	
		For Oxidized Finish, Add	*51.54*	
		For Polished Finish, Add	*103.07*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	489.56	20.78
		For Installation With Adhesive, Deduct	*-32.79*	
		For Oxidized Finish, Add	*60.97*	
		For Polished Finish, Add	*121.94*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	615.52	23.08
		For Installation With Adhesive, Deduct	*-40.01*	
		For Oxidized Finish, Add	*78.48*	
		For Polished Finish, Add	*156.96*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	712.66	25.96
		For Installation With Adhesive, Deduct	*-46.02*	
		For Oxidized Finish, Add	*91.32*	
		For Polished Finish, Add	*182.64*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	876.95	27.41
		For Installation With Adhesive, Deduct	*-54.81*	
		For Oxidized Finish, Add	*115.10*	
		For Polished Finish, Add	*230.19*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	999.98	28.85
		For Installation With Adhesive, Deduct	*-61.54*	
		For Oxidized Finish, Add	*132.69*	
		For Polished Finish, Add	*265.37*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,384.59	34.62
		For Installation With Adhesive, Deduct	*-83.08*	
		For Oxidized Finish, Add	*186.92*	
		For Polished Finish, Add	*373.83*	

10 14 19 00-0150 1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	98.11	7.22
		For Installation With Adhesive, Deduct	*-7.79*	
		For Oxidized Finish, Add	*10.39*	
		For Polished Finish, Add	*20.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	127.30	8.37
		For Installation With Adhesive, Deduct	*-9.71*	
		For Oxidized Finish, Add	*14.08*	
		For Polished Finish, Add	*28.15*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	183.86	10.09
		For Installation With Adhesive, Deduct	*-13.23*	
		For Oxidized Finish, Add	*21.52*	
		For Polished Finish, Add	*43.04*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	251.80	11.54
		For Installation With Adhesive, Deduct	*-17.21*	
		For Oxidized Finish, Add	*30.85*	
		For Polished Finish, Add	*61.69*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	349.95	12.98
		For Installation With Adhesive, Deduct	*-22.69*	
		For Oxidized Finish, Add	*44.70*	
		For Polished Finish, Add	*89.40*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	466.74	15.00
		For Installation With Adhesive, Deduct	*-29.34*	
		For Oxidized Finish, Add	*61.01*	
		For Polished Finish, Add	*122.02*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	578.69	17.31
		For Installation With Adhesive, Deduct	*-35.86*	
		For Oxidized Finish, Add	*76.42*	
		For Polished Finish, Add	*152.84*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	689.89	20.78
		For Installation With Adhesive, Deduct	*-42.80*	
		For Oxidized Finish, Add	*91.02*	
		For Polished Finish, Add	*182.04*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	940.27	23.08
		For Installation With Adhesive, Deduct	*-56.25*	
		For Oxidized Finish, Add	*127.19*	
		For Polished Finish, Add	*254.38*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,060.54	25.96
		For Installation With Adhesive, Deduct	*-63.41*	
		For Oxidized Finish, Add	*143.50*	
		For Polished Finish, Add	*287.00*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,324.09	27.41
		For Installation With Adhesive, Deduct	*-77.17*	
		For Oxidized Finish, Add	*182.17*	
		For Polished Finish, Add	*364.34*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,549.02	28.85
		For Installation With Adhesive, Deduct	*-88.99*	
		For Oxidized Finish, Add	*215.04*	
		For Polished Finish, Add	*430.09*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,335.82	34.62
		For Installation With Adhesive, Deduct	*-130.64*	
		For Oxidized Finish, Add	*329.60*	
		For Polished Finish, Add	*659.20*	
10 14 19 00-0164		3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	119.99	7.22
		For Installation With Adhesive, Deduct	*-8.88*	
		For Oxidized Finish, Add	*13.67*	
		For Polished Finish, Add	*27.34*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	167.88	8.37
		For Installation With Adhesive, Deduct	*-11.74*	
		For Oxidized Finish, Add	*20.16*	
		For Polished Finish, Add	*40.33*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	229.17	10.09
		For Installation With Adhesive, Deduct	*-15.50*	
		For Oxidized Finish, Add	*28.32*	
		For Polished Finish, Add	*56.63*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	309.80	11.54
		For Installation With Adhesive, Deduct	*-20.11*	
		For Oxidized Finish, Add	*39.55*	
		For Polished Finish, Add	*79.09*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	420.91	12.98
		For Installation With Adhesive, Deduct	*-26.24*	
		For Oxidized Finish, Add	*55.35*	
		For Polished Finish, Add	*110.69*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	577.66	15.00
		For Installation With Adhesive, Deduct	*-34.88*	
		For Oxidized Finish, Add	*77.65*	
		For Polished Finish, Add	*155.30*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	720.86	17.31
		For Installation With Adhesive, Deduct	*-42.97*	
		For Oxidized Finish, Add	*97.74*	
		For Polished Finish, Add	*195.49*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	840.86	20.78
		For Installation With Adhesive, Deduct	*-50.35*	
		For Oxidized Finish, Add	*113.67*	
		For Polished Finish, Add	*227.33*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,120.68	23.08
		For Installation With Adhesive, Deduct	*-65.27*	
		For Oxidized Finish, Add	*154.25*	
		For Polished Finish, Add	*308.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,225.78	25.96
		For Installation With Adhesive, Deduct	*-71.68*	
		For Oxidized Finish, Add	*168.29*	
		For Polished Finish, Add	*336.57*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,555.94	27.41
		For Installation With Adhesive, Deduct	*-88.76*	
		For Oxidized Finish, Add	*216.95*	
		For Polished Finish, Add	*433.89*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,976.06	28.85
		For Installation With Adhesive, Deduct	*-110.34*	
		For Oxidized Finish, Add	*279.10*	
		For Polished Finish, Add	*558.20*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,982.65	34.62
		For Installation With Adhesive, Deduct	*-162.98*	
		For Oxidized Finish, Add	*426.62*	
		For Polished Finish, Add	*853.25*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	72.57	7.22
		For Installation With Adhesive, Deduct	*-6.51*	
		For Oxidized Finish, Add	*6.56*	
		For Polished Or Patina Finish, Add	*13.12*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	94.36	8.37
		For Installation With Adhesive, Deduct	*-8.06*	
		For Oxidized Finish, Add	*9.14*	
		For Polished Or Patina Finish, Add	*18.27*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	130.96	10.09
		For Installation With Adhesive, Deduct	*-10.59*	
		For Oxidized Finish, Add	*13.59*	
		For Polished Or Patina Finish, Add	*27.17*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	172.64	11.54
		For Installation With Adhesive, Deduct	*-13.25*	
		For Oxidized Finish, Add	*18.97*	
		For Polished Or Patina Finish, Add	*37.94*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	222.14	12.98
		For Installation With Adhesive, Deduct	*-16.30*	
		For Oxidized Finish, Add	*25.53*	
		For Polished Or Patina Finish, Add	*51.06*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	281.74	15.00
		For Installation With Adhesive, Deduct	*-20.09*	
		For Oxidized Finish, Add	*33.26*	
		For Polished Or Patina Finish, Add	*66.52*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	353.43	17.31
		For Installation With Adhesive, Deduct	*-24.60*	
		For Oxidized Finish, Add	*42.63*	
		For Polished Or Patina Finish, Add	*85.26*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	439.11	20.78
		For Installation With Adhesive, Deduct	*-30.26*	
		For Oxidized Finish, Add	*53.40*	
		For Polished Or Patina Finish, Add	*106.81*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	526.42	23.08
		For Installation With Adhesive, Deduct	*-35.55*	
		For Oxidized Finish, Add	*65.11*	
		For Polished Or Patina Finish, Add	*130.23*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	625.40	25.96
		For Installation With Adhesive, Deduct	*-41.66*	
		For Oxidized Finish, Add	*78.23*	
		For Polished Or Patina Finish, Add	*156.46*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	731.11	27.41
		For Installation With Adhesive, Deduct	*-47.52*	
		For Oxidized Finish, Add	*93.22*	
		For Polished Or Patina Finish, Add	*186.44*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	847.73	28.85
		For Installation With Adhesive, Deduct	*-53.93*	
		For Oxidized Finish, Add	*109.85*	
		For Polished Or Patina Finish, Add	*219.70*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,290.86	34.62
		For Installation With Adhesive, Deduct	*-78.39*	
		For Oxidized Finish, Add	*172.86*	
		For Polished Or Patina Finish, Add	*345.71*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	86.56	7.22
		For Installation With Adhesive, Deduct	*-7.21*	
		For Oxidized Finish, Add	*8.66*	
		For Polished Or Patina Finish, Add	*17.31*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	113.24	8.37
		For Installation With Adhesive, Deduct	*-9.01*	
		For Oxidized Finish, Add	*11.97*	
		For Polished Or Patina Finish, Add	*23.93*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	165.37	10.09
		For Installation With Adhesive, Deduct	*-12.31*	
		For Oxidized Finish, Add	*18.75*	
		For Polished Or Patina Finish, Add	*37.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	219.44	11.54
		For Installation With Adhesive, Deduct	*-15.59*	
		For Oxidized Finish, Add	*25.99*	
		For Polished Or Patina Finish, Add	*51.98*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	298.73	12.98
		For Installation With Adhesive, Deduct	*-20.13*	
		For Oxidized Finish, Add	*37.02*	
		For Polished Or Patina Finish, Add	*74.04*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	379.30	15.00
		For Installation With Adhesive, Deduct	*-24.97*	
		For Oxidized Finish, Add	*47.89*	
		For Polished Or Patina Finish, Add	*95.79*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	475.63	17.31
		For Installation With Adhesive, Deduct	*-30.71*	
		For Oxidized Finish, Add	*60.96*	
		For Polished Or Patina Finish, Add	*121.92*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	588.63	20.78
		For Installation With Adhesive, Deduct	*-37.74*	
		For Oxidized Finish, Add	*75.83*	
		For Polished Or Patina Finish, Add	*151.66*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	713.08	23.08
		For Installation With Adhesive, Deduct	*-44.89*	
		For Oxidized Finish, Add	*93.11*	
		For Polished Or Patina Finish, Add	*186.23*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	849.66	25.96
		For Installation With Adhesive, Deduct	*-52.87*	
		For Oxidized Finish, Add	*111.87*	
		For Polished Or Patina Finish, Add	*223.74*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	998.34	27.41
		For Installation With Adhesive, Deduct	*-60.88*	
		For Oxidized Finish, Add	*133.31*	
		For Polished Or Patina Finish, Add	*266.61*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,133.34	28.85
		For Installation With Adhesive, Deduct	*-68.21*	
		For Oxidized Finish, Add	*152.69*	
		For Polished Or Patina Finish, Add	*305.38*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,555.90	34.62
		For Installation With Adhesive, Deduct	*-91.64*	
		For Oxidized Finish, Add	*212.61*	
		For Polished Or Patina Finish, Add	*425.22*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	89.62	7.22
		For Installation With Adhesive, Deduct	*-7.37*	
		For Oxidized Finish, Add	*9.12*	
		For Polished Or Patina Finish, Add	*18.23*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	135.16	8.37
		For Installation With Adhesive, Deduct	*-10.10*	
		For Oxidized Finish, Add	*15.26*	
		For Polished Or Patina Finish, Add	*30.51*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	193.45	10.09
		For Installation With Adhesive, Deduct	*-13.71*	
		For Oxidized Finish, Add	*22.96*	
		For Polished Or Patina Finish, Add	*45.92*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	267.50	11.54
		For Installation With Adhesive, Deduct	*-17.99*	
		For Oxidized Finish, Add	*33.20*	
		For Polished Or Patina Finish, Add	*66.40*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	366.81	12.98
		For Installation With Adhesive, Deduct	*-23.53*	
		For Oxidized Finish, Add	*47.23*	
		For Polished Or Patina Finish, Add	*94.46*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	501.25	15.00
		For Installation With Adhesive, Deduct	*-31.06*	
		For Oxidized Finish, Add	*66.19*	
		For Polished Or Patina Finish, Add	*132.37*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	651.82	17.31
		For Installation With Adhesive, Deduct	*-39.52*	
		For Oxidized Finish, Add	*87.39*	
		For Polished Or Patina Finish, Add	*174.77*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	816.48	20.78
		For Installation With Adhesive, Deduct	*-49.13*	
		For Oxidized Finish, Add	*110.01*	
		For Polished Or Patina Finish, Add	*220.02*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,003.92	23.08
		For Installation With Adhesive, Deduct	*-59.43*	
		For Oxidized Finish, Add	*136.74*	
		For Polished Or Patina Finish, Add	*273.48*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,204.30	25.96
		For Installation With Adhesive, Deduct	*-70.60*	
		For Oxidized Finish, Add	*165.06*	
		For Polished Or Patina Finish, Add	*330.13*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,427.15	27.41
		For Installation With Adhesive, Deduct	*-82.32*	
		For Oxidized Finish, Add	*197.63*	
		For Polished Or Patina Finish, Add	*395.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,660.62	28.85
		For Installation With Adhesive, Deduct	*-94.57*	
		For Oxidized Finish, Add	*231.78*	
		For Polished Or Patina Finish, Add	*463.57*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,327.98	34.62
		For Installation With Adhesive, Deduct	*-130.25*	
		For Oxidized Finish, Add	*328.42*	
		For Polished Or Patina Finish, Add	*656.85*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	65.30	7.22
		For Installation With Adhesive, Deduct	*-6.15*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	85.54	8.37
		For Installation With Adhesive, Deduct	*-7.62*	
		For Polished Finish, Add	*15.62*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	121.11	10.09
		For Installation With Adhesive, Deduct	*-10.09*	
		For Polished Finish, Add	*24.22*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	160.73	11.54
		For Installation With Adhesive, Deduct	*-12.65*	
		For Polished Finish, Add	*34.37*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	204.27	12.98
		For Installation With Adhesive, Deduct	*-15.41*	
		For Polished Finish, Add	*45.70*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	260.51	15.00
		For Installation With Adhesive, Deduct	*-19.03*	
		For Polished Finish, Add	*60.15*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	327.02	17.31
		For Installation With Adhesive, Deduct	*-23.28*	
		For Polished Finish, Add	*77.33*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	403.37	20.78
		For Installation With Adhesive, Deduct	*-28.48*	
		For Polished Finish, Add	*96.08*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	484.21	23.08
		For Installation With Adhesive, Deduct	*-33.44*	
		For Polished Finish, Add	*117.56*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	573.87	25.96
		For Installation With Adhesive, Deduct	*-39.08*	
		For Polished Finish, Add	*141.00*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	670.79	27.41
		For Installation With Adhesive, Deduct	*-44.50*	
		For Polished Finish, Add	*168.35*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	775.48	28.85
		For Installation With Adhesive, Deduct	*-50.31*	
		For Polished Finish, Add	*198.02*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,115.57	34.62
		For Installation With Adhesive, Deduct	*-69.63*	
		For Polished Finish, Add	*293.12*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	74.42	7.22
		For Installation With Adhesive, Deduct	*-6.61*	
		For Polished Finish, Add	*13.67*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	101.16	8.37
		For Installation With Adhesive, Deduct	*-8.40*	
		For Polished Finish, Add	*20.31*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	149.36	10.09
		For Installation With Adhesive, Deduct	*-11.51*	
		For Polished Finish, Add	*32.69*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	206.56	11.54
		For Installation With Adhesive, Deduct	*-14.94*	
		For Polished Finish, Add	*48.12*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	280.43	12.98
		For Installation With Adhesive, Deduct	*-19.22*	
		For Polished Finish, Add	*68.55*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	350.73	15.00
		For Installation With Adhesive, Deduct	*-23.54*	
		For Polished Finish, Add	*87.22*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	443.03	17.31
		For Installation With Adhesive, Deduct	*-29.08*	
		For Polished Finish, Add	*112.14*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	547.49	20.78
		For Installation With Adhesive, Deduct	*-35.68*	
		For Polished Finish, Add	*139.32*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	660.56	23.08
		For Installation With Adhesive, Deduct	*-42.26*	
		For Polished Finish, Add	*170.47*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	785.37	25.96
		For Installation With Adhesive, Deduct	*-49.66*	
		For Polished Finish, Add	*204.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	923.31	27.41
		For Installation With Adhesive, Deduct	*-57.13*	
		For Polished Finish, Add	*244.10*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,039.52	28.85
		For Installation With Adhesive, Deduct	*-63.52*	
		For Polished Finish, Add	*277.24*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,457.54	34.62
		For Installation With Adhesive, Deduct	*-86.73*	
		For Polished Finish, Add	*395.72*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	62.41	7.22
		For Installation With Adhesive, Deduct	*-6.01*	
		For Polished Finish, Add	*10.07*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	82.12	8.37
		For Installation With Adhesive, Deduct	*-7.45*	
		For Polished Finish, Add	*14.60*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	105.82	10.09
		For Installation With Adhesive, Deduct	*-9.33*	
		For Polished Finish, Add	*19.63*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	136.76	11.54
		For Installation With Adhesive, Deduct	*-11.45*	
		For Polished Finish, Add	*27.18*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	167.71	12.98
		For Installation With Adhesive, Deduct	*-13.58*	
		For Polished Finish, Add	*34.73*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	205.98	15.00
		For Installation With Adhesive, Deduct	*-16.30*	
		For Polished Finish, Add	*43.79*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	247.09	17.31
		For Installation With Adhesive, Deduct	*-19.28*	
		For Polished Finish, Add	*53.36*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	296.17	20.78
		For Installation With Adhesive, Deduct	*-23.12*	
		For Polished Finish, Add	*63.92*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	345.68	23.08
		For Installation With Adhesive, Deduct	*-26.52*	
		For Polished Finish, Add	*76.01*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	404.20	25.96
		For Installation With Adhesive, Deduct	*-30.60*	
		For Polished Finish, Add	*90.10*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	470.37	27.41
		For Installation With Adhesive, Deduct	*-34.48*	
		For Polished Finish, Add	*108.22*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	538.21	28.85
		For Installation With Adhesive, Deduct	*-38.45*	
		For Polished Finish, Add	*126.84*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	739.14	34.62
		For Installation With Adhesive, Deduct	*-50.81*	
		For Polished Finish, Add	*180.20*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	74.15	7.22
		For Installation With Adhesive, Deduct	*-6.59*	
		For Polished Finish, Add	*13.59*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	99.15	8.37
		For Installation With Adhesive, Deduct	*-8.30*	
		For Polished Finish, Add	*19.71*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	127.42	10.09
		For Installation With Adhesive, Deduct	*-10.41*	
		For Polished Finish, Add	*26.11*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	163.04	11.54
		For Installation With Adhesive, Deduct	*-12.77*	
		For Polished Finish, Add	*35.06*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	201.28	12.98
		For Installation With Adhesive, Deduct	*-15.26*	
		For Polished Finish, Add	*44.80*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	248.31	15.00
		For Installation With Adhesive, Deduct	*-18.42*	
		For Polished Finish, Add	*56.49*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	298.66	17.31
		For Installation With Adhesive, Deduct	*-21.86*	
		For Polished Finish, Add	*68.83*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	357.96	20.78
		For Installation With Adhesive, Deduct	*-26.21*	
		For Polished Finish, Add	*82.46*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	416.62	23.08
		For Installation With Adhesive, Deduct	*-30.06*	
		For Polished Finish, Add	*97.29*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	488.29	25.96
		For Installation With Adhesive, Deduct	*-34.80*	
		For Polished Finish, Add	*115.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	549.73	27.41
		For Installation With Adhesive, Deduct	*-38.45*	
		For Polished Finish, Add	*132.03*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	631.22	28.85
		For Installation With Adhesive, Deduct	*-43.10*	
		For Polished Finish, Add	*154.75*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	871.29	34.62
		For Installation With Adhesive, Deduct	*-57.41*	
		For Polished Finish, Add	*219.84*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	89.25	7.22
		For Installation With Adhesive, Deduct	*-7.35*	
		For Polished Finish, Add	*18.12*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	121.04	8.37
		For Installation With Adhesive, Deduct	*-9.40*	
		For Polished Finish, Add	*26.27*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	156.21	10.09
		For Installation With Adhesive, Deduct	*-11.85*	
		For Polished Finish, Add	*34.75*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	205.62	11.54
		For Installation With Adhesive, Deduct	*-14.90*	
		For Polished Finish, Add	*47.84*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	255.69	12.98
		For Installation With Adhesive, Deduct	*-17.98*	
		For Polished Finish, Add	*61.13*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	316.91	15.00
		For Installation With Adhesive, Deduct	*-21.85*	
		For Polished Finish, Add	*77.07*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	382.25	17.31
		For Installation With Adhesive, Deduct	*-26.04*	
		For Polished Finish, Add	*93.90*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	458.11	20.78
		For Installation With Adhesive, Deduct	*-31.21*	
		For Polished Finish, Add	*112.51*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	545.82	23.08
		For Installation With Adhesive, Deduct	*-36.52*	
		For Polished Finish, Add	*136.05*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	641.45	25.96
		For Installation With Adhesive, Deduct	*-42.46*	
		For Polished Finish, Add	*161.27*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	719.27	27.41
		For Installation With Adhesive, Deduct	*-46.93*	
		For Polished Finish, Add	*182.89*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	829.94	28.85
		For Installation With Adhesive, Deduct	*-53.04*	
		For Polished Finish, Add	*214.36*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,153.59	34.62
		For Installation With Adhesive, Deduct	*-71.53*	
		For Polished Finish, Add	*304.53*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	48.58	13.10
		For >25 To 50, Deduct	*-2.24*	
		For >50 To 100, Deduct	*-5.60*	
		For >100, Deduct	*-6.72*	
		For Clear Glass Mount, Add	*17.91*	
		For Glow-In-Dark, Add	*44.78*	
		For Reflective Finish, Add	*50.38*	
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	64.57	13.10
		For >25 To 50, Deduct	*-3.84*	
		For >50 To 100, Deduct	*-9.60*	
		For >100, Deduct	*-11.51*	
		For Clear Glass Mount, Add	*30.70*	
		For Glow-In-Dark, Add	*76.76*	
		For Reflective Finish, Add	*86.36*	
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	90.15	13.10
		For >25 To 50, Deduct	*-6.40*	
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-19.19*	
		For Clear Glass Mount, Add	*51.17*	
		For Glow-In-Dark, Add	*127.92*	
		For Reflective Finish, Add	*143.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	122.14	13.10
		For >25 To 50, Deduct	*-9.60*	
		For >50 To 100, Deduct	*-23.99*	
		For >100, Deduct	*-28.79*	
		For Clear Glass Mount, Add	*76.76*	
		For Glow-In-Dark, Add	*191.90*	
		For Reflective Finish, Add	*215.89*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	179.71	13.10
		For >25 To 50, Deduct	*-15.35*	
		For >50 To 100, Deduct	*-38.38*	
		For >100, Deduct	*-46.06*	
		For Clear Glass Mount, Add	*122.82*	
		For Glow-In-Dark, Add	*307.04*	
		For Reflective Finish, Add	*345.42*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	282.05	13.10
		For >25 To 50, Deduct	*-25.59*	
		For >50 To 100, Deduct	*-63.97*	
		For >100, Deduct	*-76.76*	
		For Clear Glass Mount, Add	*204.69*	
		For Glow-In-Dark, Add	*511.72*	
		For Reflective Finish, Add	*575.69*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	409.98	13.10
		For >25 To 50, Deduct	*-38.38*	
		For >50 To 100, Deduct	*-95.95*	
		For >100, Deduct	*-115.14*	
		For Clear Glass Mount, Add	*307.03*	
		For Glow-In-Dark, Add	*767.58*	
		For Reflective Finish, Add	*863.53*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.46	0.01
		For Clear Glass Mount, Add	*0.34*	
		For Glow-In-Dark, Add	*0.86*	
		For Reflective Finish, Add	*0.97*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	54.97	13.10
		For >25 To 50, Deduct	*-2.88*	
		For >50 To 100, Deduct	*-7.20*	
		For >100, Deduct	*-8.63*	
		For Glow-In-Dark, Add	*57.56*	
		For Reflective Finish, Add	*61.88*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	70.97	13.10
		For >25 To 50, Deduct	*-4.48*	
		For >50 To 100, Deduct	*-11.20*	
		For >100, Deduct	*-13.43*	
		For Glow-In-Dark, Add	*89.56*	
		For Reflective Finish, Add	*96.28*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	102.95	13.10
		For >25 To 50, Deduct	*-7.68*	
		For >50 To 100, Deduct	*-19.19*	
		For >100, Deduct	*-23.03*	
		For Glow-In-Dark, Add	*153.52*	
		For Reflective Finish, Add	*165.03*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	134.93	13.10
		For >25 To 50, Deduct	*-10.87*	
		For >50 To 100, Deduct	*-27.19*	
		For >100, Deduct	*-32.62*	
		For Glow-In-Dark, Add	*217.48*	
		For Reflective Finish, Add	*233.79*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	182.90	13.10
		For >25 To 50, Deduct	*-15.67*	
		For >50 To 100, Deduct	*-39.18*	
		For >100, Deduct	*-47.01*	
		For Glow-In-Dark, Add	*313.42*	
		For Reflective Finish, Add	*336.93*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	230.88	13.10
		For >25 To 50, Deduct	*-20.47*	
		For >50 To 100, Deduct	*-51.17*	
		For >100, Deduct	*-61.41*	
		For Glow-In-Dark, Add	*409.38*	
		For Reflective Finish, Add	*440.08*	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	282.05	13.10
		For >25 To 50, Deduct	*-25.59*	
		For >50 To 100, Deduct	*-63.97*	
		For >100, Deduct	*-76.76*	
		For Glow-In-Dark, Add	*511.72*	
		For Reflective Finish, Add	*550.10*	
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.31	0.01
		For Glow-In-Dark, Add	*0.56*	
		For Reflective Finish, Add	*0.60*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	102.95	13.10
		For >25 To 50, Deduct	*-7.68*	
		For >50 To 100, Deduct	*-19.19*	
		For >100, Deduct	*-23.03*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	122.14	13.10
		For >25 To 50, Deduct	*-9.60*	
		For >50 To 100, Deduct	*-23.99*	
		For >100, Deduct	*-28.79*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	154.12	13.10
		For >25 To 50, Deduct	*-12.79*	
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-38.38*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	184.18	13.10
		For >25 To 50, Deduct	*-15.80*	
		For >50 To 100, Deduct	*-39.50*	
		For >100, Deduct	*-47.40*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	2.06	0.13
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	68.85	13.10
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-10.67*	
		For >100, Deduct	*-12.80*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	82.31	13.10
		For >25 To 50, Deduct	*-5.61*	
		For >50 To 100, Deduct	*-14.03*	
		For >100, Deduct	*-16.84*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	100.27	13.10
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-22.22*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	136.19	13.10
		For >25 To 50, Deduct	*-11.00*	
		For >50 To 100, Deduct	*-27.50*	
		For >100, Deduct	*-33.00*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	1.36	0.13
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	35.17	13.10
		For >25 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-2.69*	
		For Glow-In-Dark, Add	*5.39*	
		For Reflective Finish, Add	*6.74*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	41.91	13.10
		For >25 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.93*	
		For >100, Deduct	*-4.72*	
		For Glow-In-Dark, Add	*9.43*	
		For Reflective Finish, Add	*11.79*	
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	55.37	13.10
		For >25 To 50, Deduct	*-2.92*	
		For >50 To 100, Deduct	*-7.30*	
		For >100, Deduct	*-8.75*	
		For Glow-In-Dark, Add	*17.51*	
		For Reflective Finish, Add	*21.89*	
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	71.09	13.10
		For >25 To 50, Deduct	*-4.49*	
		For >50 To 100, Deduct	*-11.23*	
		For >100, Deduct	*-13.47*	
		For Glow-In-Dark, Add	*26.94*	
		For Reflective Finish, Add	*33.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	118.23	13.10
		For >25 To 50, Deduct	*-9.20*	
		For >50 To 100, Deduct	*-23.01*	
		For >100, Deduct	*-27.61*	
		For Glow-In-Dark, Add	*55.22*	
		For Reflective Finish, Add	*69.03*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	138.44	13.10
		For >25 To 50, Deduct	*-11.23*	
		For >50 To 100, Deduct	*-28.06*	
		For >100, Deduct	*-33.68*	
		For Glow-In-Dark, Add	*67.35*	
		For Reflective Finish, Add	*84.19*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	165.38	13.10
		For >25 To 50, Deduct	*-13.92*	
		For >50 To 100, Deduct	*-34.80*	
		For >100, Deduct	*-41.76*	
		For Glow-In-Dark, Add	*83.51*	
		For Reflective Finish, Add	*104.39*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.18	0.01
		For Glow-In-Dark, Add	*0.09*	
		For Reflective Finish, Add	*0.11*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	108.69	13.10
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-14.03*	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	108.69	13.10
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-14.03*	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign	141.70	13.10
		Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.		
		For >25 To 50, Deduct	*-11.55*	
		For >50 To 100, Deduct	*-17.33*	
		For >100, Deduct	*-19.64*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	212.41	13.10
		For >25 To 50, Deduct	*-18.62*	
		For >50 To 100, Deduct	*-27.93*	
		For >100, Deduct	*-31.66*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	49.02	18.33
		For >25 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-3.71*	
		For Glow-In-Dark, Add	*7.41*	
		For Reflective Finish, Add	*9.26*	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	59.12	18.33
		For >25 To 50, Deduct	*-2.25*	
		For >50 To 100, Deduct	*-5.61*	
		For >100, Deduct	*-6.74*	
		For Glow-In-Dark, Add	*13.47*	
		For Reflective Finish, Add	*16.84*	
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	72.59	18.33
		For >25 To 50, Deduct	*-3.59*	
		For >50 To 100, Deduct	*-8.98*	
		For >100, Deduct	*-10.78*	
		For Glow-In-Dark, Add	*21.55*	
		For Reflective Finish, Add	*26.94*	
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	92.79	18.33
		For >25 To 50, Deduct	*-5.61*	
		For >50 To 100, Deduct	*-14.03*	
		For >100, Deduct	*-16.84*	
		For Glow-In-Dark, Add	*33.67*	
		For Reflective Finish, Add	*42.09*	

10 14 23 11-0055 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0056 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	50.14	18.33
		For >25 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-3.37*	
		For >100, Deduct	*-4.04*	
		For Glow-In-Dark, Add	*8.08*	
		For Reflective Finish, Add	*10.10*	
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	61.37	18.33
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-6.18*	
		For >100, Deduct	*-7.41*	
		For Glow-In-Dark, Add	*14.82*	
		For Reflective Finish, Add	*18.53*	
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	86.06	18.33
		For >25 To 50, Deduct	*-4.94*	
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-14.82*	
		For Glow-In-Dark, Add	*29.63*	
		For Reflective Finish, Add	*37.04*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	95.04	18.33
		For >25 To 50, Deduct	*-5.84*	
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-17.51*	
		For Glow-In-Dark, Add	*35.02*	
		For Reflective Finish, Add	*43.78*	

10 14 23 11-0061 Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*

10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	53.51	18.33
		For >25 To 50, Deduct	*-1.68*	
		For >50 To 100, Deduct	*-4.21*	
		For >100, Deduct	*-5.05*	
		For Glow-In-Dark, Add	*10.10*	
		For Reflective Finish, Add	*12.63*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	70.35	18.33
		For >25 To 50, Deduct	*-3.37*	
		For >50 To 100, Deduct	*-8.42*	
		For >100, Deduct	*-10.10*	
		For Glow-In-Dark, Add	*20.21*	
		For Reflective Finish, Add	*25.26*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	77.08	18.33
		For >25 To 50, Deduct	*-4.04*	
		For >50 To 100, Deduct	*-10.10*	
		For >100, Deduct	*-12.12*	
		For Glow-In-Dark, Add	*24.25*	
		For Reflective Finish, Add	*30.31*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	86.06	18.33
		For >25 To 50, Deduct	*-4.94*	
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-14.82*	
		For Glow-In-Dark, Add	*29.63*	
		For Reflective Finish, Add	*37.04*	

10 14 23 11-0067 Adhesive Backed Vinyl Characters *(10 14 23 11)*

Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.

10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.42	1.04
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.58*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.54	1.21
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.61*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.66	1.37
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.64*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.89	1.57
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.81*	
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.06	1.84
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.86*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.17	2.10
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.25*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.67	2.36
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.37*	
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.28	2.62
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.89*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	12.32	2.88
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.40*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	15.77	3.14
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*3.12*	

10 14 23 11-0078 Standoffs For Wall Signage *(10 14 23 11)*

Note: Excludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	16.20	5.77
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	16.80	5.77
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	16.95	5.77
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	17.82	5.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	18.42	5.77
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	19.62	5.77
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	19.31	6.92
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	20.97	6.92
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	22.32	6.92
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	23.47	6.92
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	25.42	6.92
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	27.83	6.92
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.27	5.77
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	18.72	5.77
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.67	6.92
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	21.12	6.92
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	22.87	6.92
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	23.17	6.92

10 14 23 11-0097 Removal And Reinstallation Of Building Signage *(10 14 23 11)*

Note: Includes storage, cleaning and supply materials.

10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	202.09	
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	232.30	
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	261.16	
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	78.57	

10 14 23 11-0102 Building Sign *(10 14 23 11)*

Note: Includes 4" numbers painted on sign. Installed on building.

10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	205.38	31.43
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	47.83	8.08
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	35.98	7.51
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	35.08	6.35
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	40.82	6.93
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	44.84	7.51
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	53.45	8.08

10 14 29 Wall or Ground Mounted Signage *(10 14)*

Note: Includes fabrication, delivery, installation, bolts with fasteners and drilling.

10 14 29 00-0001 Illuminated Signage *(10 14 29)*

10 14 29 00-0002 Removal Of Sign Cabinets *(10 14 29 00-0001)*

10 14 29 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF	335.55
10 14 29 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF	402.66
10 14 29 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF	536.84
10 14 29 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF	805.32
10 14 29 00-0007	EA	Removal Of Sign Cabinet, >30 SF	1,073.67

10 14 29 00-0008 Fabricate And Install New Sign Cabinets *(10 14 29 00-0001)*

10 14 29 00-0009	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	315.83
		For >5 To 11 Per Each Sign, Deduct	*-15.79*
		For >11 To 20 Per Each Sign, Deduct	*-23.69*
		For >20 Per Each Sign, Deduct	*-31.58*
10 14 29 00-0010	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	262.16
		For >5 To 11 Per Each Sign, Deduct	*-13.11*
		For >11 To 20 Per Each Sign, Deduct	*-19.66*
		For >20 Per Each Sign, Deduct	*-26.22*
10 14 29 00-0011	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	214.01
		For >5 To 11 Per Each Sign, Deduct	*-10.70*
		For >11 To 20 Per Each Sign, Deduct	*-16.05*
		For >20 Per Each Sign, Deduct	*-21.40*
10 14 29 00-0012	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	192.63
		For >5 To 11 Per Each Sign, Deduct	*-9.63*
		For >11 To 20 Per Each Sign, Deduct	*-14.45*
		For >20 Per Each Sign, Deduct	*-19.26*
10 14 29 00-0013	SF	=>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	176.54
		For >5 To 11 Per Each Sign, Deduct	*-8.83*
		For >11 To 20 Per Each Sign, Deduct	*-13.24*
		For >20 Per Each Sign, Deduct	*-17.65*

10 14 29 00-0014 Fabricate And Install New Sign Face, Material And Legend *(10 14 29 00-0001)*

10 14 29 00-0015	SF	1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	85.62
		For >5 To 11 Per Each Sign, Deduct	*-4.28*
		For >11 To 20 Per Each Sign, Deduct	*-6.42*
		For >20 Per Each Sign, Deduct	*-8.56*
10 14 29 00-0016	SF	5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	69.54
		For >5 To 11 Per Each Sign, Deduct	*-3.48*
		For >11 To 20 Per Each Sign, Deduct	*-5.22*
		For >20 Per Each Sign, Deduct	*-6.95*
10 14 29 00-0017	SF	10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	53.56
		For >5 To 11 Per Each Sign, Deduct	*-2.68*
		For >11 To 20 Per Each Sign, Deduct	*-4.02*
		For >20 Per Each Sign, Deduct	*-5.36*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 29 00-0018	SF	20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	42.87	
		For >5 To 11 Per Each Sign, Deduct	*-2.14*	
		For >11 To 20 Per Each Sign, Deduct	*-3.22*	
		For >20 Per Each Sign, Deduct	*-4.29*	
10 14 29 00-0019	SF	=>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	34.30	
		For >5 To 11 Per Each Sign, Deduct	*-1.72*	
		For >11 To 20 Per Each Sign, Deduct	*-2.57*	
		For >20 Per Each Sign, Deduct	*-3.43*	

10 14 29 00-0020 Posts *(10 14 29)*

Note: Includes mounting bolts and installation for sign blades to posts.

10 14 29 00-0021	LF	2" Square Galvanized Steel Post	22.19	
		For Powder Coating, Add	*0.97*	
10 14 29 00-0022	LF	2-3/8" Diameter Galvanized Steel Post	21.47	
		For Powder Coating, Add	*0.91*	
10 14 29 00-0023	LF	2" Diameter Recycled Plastic Lumber Post	10.83	
10 14 29 00-0024	EA	Mounting On Ground With Base Note: Includes bolts and drilling for bolts.	63.73	
10 14 29 00-0025	EA	Mid Post Mounted Rotating Sign With Graphics	296.67	
		For >5 To 11, Deduct	*-14.83*	
		For >11 To 20, Deduct	*-22.25*	
		For >20, Deduct	*-29.67*	

10 14 31 Overhead and Ceiling Hung Signage *(10 14)*

Note: Includes fabrication, delivery, installation, bolts with fasteners and drilling.

10 14 31 00-0001 Illuminated Signage *(10 14 31)*

10 14 31 00-0002 Removal Of Sign Cabinets *(10 14 31 00-0001)*

10 14 31 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF	369.10
10 14 31 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF	442.93
10 14 31 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF	590.56
10 14 31 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF	885.85
10 14 31 00-0007	EA	Removal Of Sign Cabinet, >30 SF	1,180.93

10 14 31 00-0008 Fabricate And Install New Sign Cabinets *(10 14 31 00-0001)*

10 14 31 00-0009	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	349.47	
		For >5 To 11 Per Each Sign, Deduct	*-17.47*	
		For >11 To 20 Per Each Sign, Deduct	*-26.21*	
		For >20 Per Each Sign, Deduct	*-34.95*	
10 14 31 00-0010	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	289.99	
		For >5 To 11 Per Each Sign, Deduct	*-14.50*	
		For >11 To 20 Per Each Sign, Deduct	*-21.75*	
		For >20 Per Each Sign, Deduct	*-29.00*	
10 14 31 00-0011	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	236.73	
		For >5 To 11 Per Each Sign, Deduct	*-11.84*	
		For >11 To 20 Per Each Sign, Deduct	*-17.75*	
		For >20 Per Each Sign, Deduct	*-23.67*	
10 14 31 00-0012	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	213.09	
		For >5 To 11 Per Each Sign, Deduct	*-10.65*	
		For >11 To 20 Per Each Sign, Deduct	*-15.98*	
		For >20 Per Each Sign, Deduct	*-21.31*	
10 14 31 00-0013	SF	=>30 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	195.28	
		For >5 To 11 Per Each Sign, Deduct	*-9.76*	
		For >11 To 20 Per Each Sign, Deduct	*-14.65*	
		For >20 Per Each Sign, Deduct	*-19.53*	

10 14 31 00-0014 Fabricate And Install New Sign Face, Material And Legend *(10 14 31 00-0001)*

10 14 31 00-0015	SF	1 To 4.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	34.90	
		For >5 To 11 Per Each Sign, Deduct	*-1.75*	
		For >11 To 20 Per Each Sign, Deduct	*-2.62*	
		For >20 Per Each Sign, Deduct	*-3.49*	
10 14 31 00-0016	SF	5 To 9.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	27.92	
		For >5 To 11 Per Each Sign, Deduct	*-1.40*	
		For >11 To 20 Per Each Sign, Deduct	*-2.09*	
		For >20 Per Each Sign, Deduct	*-2.79*	
10 14 31 00-0017	SF	10 To 19.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	23.26	
		For >5 To 11 Per Each Sign, Deduct	*-1.16*	
		For >11 To 20 Per Each Sign, Deduct	*-1.74*	
		For >20 Per Each Sign, Deduct	*-2.33*	
10 14 31 00-0018	SF	20 To 29.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	19.78	
		For >5 To 11 Per Each Sign, Deduct	*-0.99*	
		For >11 To 20 Per Each Sign, Deduct	*-1.48*	
		For >20 Per Each Sign, Deduct	*-1.98*	
10 14 31 00-0019	SF	=>30 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	17.45	
		For >5 To 11 Per Each Sign, Deduct	*-0.87*	
		For >11 To 20 Per Each Sign, Deduct	*-1.31*	
		For >20 Per Each Sign, Deduct	*-1.75*	

10 14 43 Photoluminescent Signage *(10 14)*

10 14 43 00-0001 Photoluminescent Illuminated Signage *(10 14 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 43 00-0002	EA	4-1/2" x 8" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	65.33	13.10
		For >25 To 50, Deduct	*-3.91*	
		For >50 To 100, Deduct	*-9.79*	
		For >100, Deduct	*-11.74*	
10 14 43 00-0003	EA	4-1/2" x 13" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	71.70	13.10
		For >25 To 50, Deduct	*-4.55*	
		For >50 To 100, Deduct	*-11.38*	
		For >100, Deduct	*-13.65*	
10 14 43 00-0004	EA	8" x 10" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	80.44	13.10
		For >25 To 50, Deduct	*-5.43*	
		For >50 To 100, Deduct	*-13.56*	
		For >100, Deduct	*-16.28*	

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001 Traffic Signs *(10 14 53 11)*

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	89.49	23.58
		For Hi-Intensity Grade, Add	*12.70*	
		For Diamond Grade, Add	*24.13*	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	105.14	24.94
		For Hi-Intensity Grade, Add	*16.61*	
		For Diamond Grade, Add	*31.56*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	114.28	26.20
		For Hi-Intensity Grade, Add	*25.37*	
		For Diamond Grade, Add	*40.22*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	134.26	27.55
		For Hi-Intensity Grade, Add	*9.51*	
		For Diamond Grade, Add	*51.51*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	184.64	28.82
		For Hi-Intensity Grade, Add	*27.94*	
		For Diamond Grade, Add	*87.64*	

10 14 53 11-0009 Steel Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0010	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade	136.94	23.58
10 14 53 11-0011	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade	172.09	24.94
10 14 53 11-0012	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade	182.65	26.20
10 14 53 11-0013	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade	262.22	27.55
10 14 53 11-0014	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade	333.94	28.82

10 14 53 11-0015 Polyethylene Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	140.27	23.58
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	180.61	24.94
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	199.43	26.20
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	262.99	27.55

10 14 53 11-0020 Other Reflectorized Traffic Signs *(10 14 53 11-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 11-0021 Aluminum Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	52.40	20.95
		For Hi-Intensity Grade, Add	*3.15*	
		For Diamond Grade, Add	*5.98*	
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	57.64	20.95
		For Hi-Intensity Grade, Add	*4.72*	
		For Diamond Grade, Add	*8.97*	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	57.64	20.95
		For Hi-Intensity Grade, Add	*4.72*	
		For Diamond Grade, Add	*8.97*	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	61.57	20.95
		For Hi-Intensity Grade, Add	*5.90*	
		For Diamond Grade, Add	*11.21*	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	65.51	20.95
		For Hi-Intensity Grade, Add	*7.08*	
		For Diamond Grade, Add	*13.45*	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	75.99	22.27
		For Hi-Intensity Grade, Add	*9.44*	
		For Diamond Grade, Add	*17.93*	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	107.46	22.27
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	62.89	20.95
		For Hi-Intensity Grade, Add	*6.29*	
		For Diamond Grade, Add	*11.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	75.99	22.27
		For Hi-Intensity Grade, Add	*9.44*	
		For Diamond Grade, Add	*17.93*	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	86.48	22.27
		For Hi-Intensity Grade, Add	*12.59*	
		For Diamond Grade, Add	*23.91*	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	96.97	22.27
		For Hi-Intensity Grade, Add	*15.73*	
		For Diamond Grade, Add	*29.89*	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	107.46	22.27
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0034	EA	17" x 22" Aluminum Engineer Grade Traffic Sign	99.01	22.27
		For Hi-Intensity Grade, Add	*16.34*	
		For Diamond Grade, Add	*31.05*	
		For > 25 To 50, Deduct	*-2.23*	
		For > 50 To 150, Deduct	*-4.70*	
		For > 150 To 250, Deduct	*-7.18*	
		For > 250, Deduct	*-10.77*	
10 14 53 11-0035	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	91.73	22.27
		For Hi-Intensity Grade, Add	*14.16*	
		For Diamond Grade, Add	*26.90*	
10 14 53 11-0036	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	107.46	22.27
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0037	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	125.81	23.58
		For Hi-Intensity Grade, Add	*23.60*	
		For Diamond Grade, Add	*44.84*	
10 14 53 11-0038	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	141.54	23.58
		For Hi-Intensity Grade, Add	*28.32*	
		For Diamond Grade, Add	*53.80*	
10 14 53 11-0039	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	183.49	28.82
		For Hi-Intensity Grade, Add	*37.76*	
		For Diamond Grade, Add	*71.74*	
10 14 53 11-0040	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	199.22	28.82
		For Hi-Intensity Grade, Add	*42.48*	
		For Diamond Grade, Add	*80.71*	
10 14 53 11-0041	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	131.05	23.58
		For Hi-Intensity Grade, Add	*25.17*	
		For Diamond Grade, Add	*47.82*	
10 14 53 11-0042	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	152.03	23.58
		For Hi-Intensity Grade, Add	*31.46*	
		For Diamond Grade, Add	*59.78*	
10 14 53 11-0043	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	173.01	23.58
		For Hi-Intensity Grade, Add	*37.76*	
		For Diamond Grade, Add	*71.74*	
10 14 53 11-0044	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	204.46	28.82
		For Hi-Intensity Grade, Add	*44.05*	
		For Diamond Grade, Add	*83.69*	
10 14 53 11-0045	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	225.44	28.82
		For Hi-Intensity Grade, Add	*50.34*	
		For Diamond Grade, Add	*95.65*	
10 14 53 11-0046	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	246.41	28.82
		For Hi-Intensity Grade, Add	*56.63*	
		For Diamond Grade, Add	*107.60*	
10 14 53 11-0047	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	267.39	28.82
		For Hi-Intensity Grade, Add	*62.93*	
		For Diamond Grade, Add	*119.56*	
10 14 53 11-0048	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	178.25	23.58
		For Hi-Intensity Grade, Add	*39.33*	
		For Diamond Grade, Add	*74.73*	
10 14 53 11-0049	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	214.95	28.82
		For Hi-Intensity Grade, Add	*47.20*	
		For Diamond Grade, Add	*89.67*	
10 14 53 11-0050	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	241.17	28.82
		For Hi-Intensity Grade, Add	*55.06*	
		For Diamond Grade, Add	*104.62*	
10 14 53 11-0051	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	277.87	34.05
		For Hi-Intensity Grade, Add	*62.93*	
		For Diamond Grade, Add	*119.56*	
10 14 53 11-0052	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	340.78	39.30
		For Hi-Intensity Grade, Add	*78.66*	
		For Diamond Grade, Add	*149.45*	
10 14 53 11-0053	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	246.41	28.82
		For Hi-Intensity Grade, Add	*56.63*	
		For Diamond Grade, Add	*107.60*	
10 14 53 11-0054	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	288.36	34.05
		For Hi-Intensity Grade, Add	*66.08*	
		For Diamond Grade, Add	*125.54*	
10 14 53 11-0055	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	330.29	39.30
		For Hi-Intensity Grade, Add	*75.51*	
		For Diamond Grade, Add	*143.47*	
10 14 53 11-0056	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	361.76	39.30
		For Hi-Intensity Grade, Add	*84.95*	
		For Diamond Grade, Add	*161.41*	
10 14 53 11-0057	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	403.70	44.53
		For Hi-Intensity Grade, Add	*94.39*	
		For Diamond Grade, Add	*179.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0058	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	482.35	49.77
		For Hi-Intensity Grade, Add	*114.84*	
		For Diamond Grade, Add	*218.20*	
10 14 53 11-0059	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	508.57	49.77
		For Hi-Intensity Grade, Add	*122.71*	
		For Diamond Grade, Add	*233.15*	
10 14 53 11-0060	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	681.61	57.63
		For Hi-Intensity Grade, Add	*169.91*	
		For Diamond Grade, Add	*322.82*	
10 14 53 11-0061	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	335.54	39.30
		For Hi-Intensity Grade, Add	*77.09*	
		For Diamond Grade, Add	*146.47*	
10 14 53 11-0062	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	424.68	44.53
		For Hi-Intensity Grade, Add	*100.69*	
		For Diamond Grade, Add	*191.30*	
10 14 53 11-0063	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	477.11	49.77
		For Hi-Intensity Grade, Add	*113.27*	
		For Diamond Grade, Add	*215.21*	
10 14 53 11-0064	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	519.06	49.77
		For Hi-Intensity Grade, Add	*125.86*	
		For Diamond Grade, Add	*239.13*	
10 14 53 11-0065	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	576.73	57.63
		For Hi-Intensity Grade, Add	*138.44*	
		For Diamond Grade, Add	*263.04*	
10 14 53 11-0066	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	618.68	57.63
		For Hi-Intensity Grade, Add	*151.03*	
		For Diamond Grade, Add	*286.95*	
10 14 53 11-0067	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	713.07	62.87
		For Hi-Intensity Grade, Add	*176.20*	
		For Diamond Grade, Add	*334.78*	
10 14 53 11-0068	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	796.97	62.87
		For Hi-Intensity Grade, Add	*201.37*	
		For Diamond Grade, Add	*382.60*	
10 14 53 11-0069	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	838.92	62.87
		For Hi-Intensity Grade, Add	*213.95*	
		For Diamond Grade, Add	*406.51*	
10 14 53 11-0070	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	886.11	65.48
		For Hi-Intensity Grade, Add	*226.54*	
		For Diamond Grade, Add	*430.42*	
10 14 53 11-0071	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	755.02	62.87
		For Hi-Intensity Grade, Add	*188.78*	
		For Diamond Grade, Add	*358.69*	
10 14 53 11-0072	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	1,677.92	83.83
		For Hi-Intensity Grade, Add	*453.08*	
		For Diamond Grade, Add	*860.85*	
10 14 53 11-0073	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	1,221.73	65.48
		For Hi-Intensity Grade, Add	*327.23*	
		For Diamond Grade, Add	*621.73*	

10 14 53 11-0074 Polyethylene Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0075	EA	6" x 12" Reflective Polyethylene Traffic Sign	97.51	19.70
10 14 53 11-0076	EA	12" x 12" Reflective Polyethylene Traffic Sign	111.37	20.95
10 14 53 11-0077	EA	12" x 18" Reflective Polyethylene Traffic Sign	119.30	22.32
10 14 53 11-0078	EA	18" x 18" Reflective Polyethylene Traffic Sign	145.21	23.58
10 14 53 11-0079	EA	18" x 24" Reflective Polyethylene Traffic Sign	180.61	24.94
10 14 53 11-0080	EA	24" x 24" Reflective Polyethylene Traffic Sign	203.73	24.94

10 14 53 11-0081 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0082 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0081)*

10 14 53 11-0083	EA	6" x 12" Steel Non-Reflectorized Traffic Sign	50.37	20.95
10 14 53 11-0084	EA	6" x 18" Steel Non-Reflectorized Traffic Sign	54.60	20.95
10 14 53 11-0085	EA	9" x 12" Steel Non-Reflectorized Traffic Sign	54.60	20.95
10 14 53 11-0086	EA	9" x 15" Steel Non-Reflectorized Traffic Sign	57.77	20.95
10 14 53 11-0087	EA	9" x 18" Steel Non-Reflectorized Traffic Sign	60.94	20.95
10 14 53 11-0088	EA	9" x 24" Steel Non-Reflectorized Traffic Sign	69.90	22.27
10 14 53 11-0089	EA	9" x 48" Steel Non-Reflectorized Traffic Sign	95.28	22.27
10 14 53 11-0090	EA	12" x 12" Steel Non-Reflectorized Traffic Sign	58.83	20.95
10 14 53 11-0091	EA	12" x 18" Steel Non-Reflectorized Traffic Sign	69.90	22.27
10 14 53 11-0092	EA	12" x 24" Steel Non-Reflectorized Traffic Sign	78.36	22.27
10 14 53 11-0093	EA	12" x 30" Steel Non-Reflectorized Traffic Sign	86.82	22.27
10 14 53 11-0094	EA	12" x 36" Steel Non-Reflectorized Traffic Sign	95.28	22.27
10 14 53 11-0095	EA	18" x 18" Steel Non-Reflectorized Traffic Sign	82.59	22.27
10 14 53 11-0096	EA	18" x 24" Steel Non-Reflectorized Traffic Sign	95.28	22.27
10 14 53 11-0097	EA	18" x 30" Steel Non-Reflectorized Traffic Sign	110.58	23.58
10 14 53 11-0098	EA	18" x 36" Steel Non-Reflectorized Traffic Sign	123.27	23.58
10 14 53 11-0099	EA	18" x 48" Steel Non-Reflectorized Traffic Sign	159.12	28.82
10 14 53 11-0100	EA	18" x 54" Steel Non-Reflectorized Traffic Sign	171.81	28.82
10 14 53 11-0101	EA	24" x 24" Steel Non-Reflectorized Traffic Sign	114.81	23.58
10 14 53 11-0102	EA	24" x 30" Steel Non-Reflectorized Traffic Sign	131.73	23.58
10 14 53 11-0103	EA	24" x 36" Steel Non-Reflectorized Traffic Sign	148.64	23.58
10 14 53 11-0104	EA	24" x 42" Steel Non-Reflectorized Traffic Sign	176.04	28.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0105	EA	24" x 48" Steel Non-Reflectorized Traffic Sign	192.95	28.82
10 14 53 11-0106	EA	24" x 54" Steel Non-Reflectorized Traffic Sign	209.87	28.82
10 14 53 11-0107	EA	24" x 60" Steel Non-Reflectorized Traffic Sign	226.78	28.82
10 14 53 11-0108	EA	30" x 30" Steel Non-Reflectorized Traffic Sign	152.87	23.58
10 14 53 11-0109	EA	30" x 36" Steel Non-Reflectorized Traffic Sign	184.50	28.82
10 14 53 11-0110	EA	30" x 42" Steel Non-Reflectorized Traffic Sign	205.64	28.82
10 14 53 11-0111	EA	30" x 48" Steel Non-Reflectorized Traffic Sign	237.26	34.05
10 14 53 11-0112	EA	30" x 60" Steel Non-Reflectorized Traffic Sign	290.02	39.30
10 14 53 11-0113	EA	36" x 36" Steel Non-Reflectorized Traffic Sign	209.87	28.82
10 14 53 11-0114	EA	36" x 42" Steel Non-Reflectorized Traffic Sign	245.72	34.05
10 14 53 11-0115	EA	36" x 48" Steel Non-Reflectorized Traffic Sign	281.57	39.30
10 14 53 11-0116	EA	36" x 54" Steel Non-Reflectorized Traffic Sign	306.94	39.30
10 14 53 11-0117	EA	36" x 60" Steel Non-Reflectorized Traffic Sign	342.79	44.53
10 14 53 11-0118	EA	36" x 73" Steel Non-Reflectorized Traffic Sign	408.25	49.77
10 14 53 11-0119	EA	36" x 78" Steel Non-Reflectorized Traffic Sign	429.39	49.77
10 14 53 11-0120	EA	36" x 108" Steel Non-Reflectorized Traffic Sign	571.98	57.63
10 14 53 11-0121	EA	42" x 42" Steel Non-Reflectorized Traffic Sign	285.79	39.30
10 14 53 11-0122	EA	48" x 48" Steel Non-Reflectorized Traffic Sign	359.71	44.53
10 14 53 11-0123	EA	48" x 54" Steel Non-Reflectorized Traffic Sign	404.02	49.77
10 14 53 11-0124	EA	48" x 60" Steel Non-Reflectorized Traffic Sign	437.85	49.77
10 14 53 11-0125	EA	48" x 66" Steel Non-Reflectorized Traffic Sign	487.40	57.63
10 14 53 11-0126	EA	48" x 72" Steel Non-Reflectorized Traffic Sign	521.23	57.63
10 14 53 11-0127	EA	48" x 84" Steel Non-Reflectorized Traffic Sign	599.37	62.87
10 14 53 11-0128	EA	48" x 96" Steel Non-Reflectorized Traffic Sign	667.04	62.87
10 14 53 11-0129	EA	48" x 102" Steel Non-Reflectorized Traffic Sign	700.87	62.87
10 14 53 11-0130	EA	48" x 108" Steel Non-Reflectorized Traffic Sign	739.94	65.48
10 14 53 11-0131	EA	60" x 72" Steel Non-Reflectorized Traffic Sign	633.20	62.87
10 14 53 11-0132	EA	72" x 144" Steel Non-Reflectorized Traffic Sign	1,385.56	83.83
10 14 53 11-0133	EA	78" x 96" Steel Non-Reflectorized Traffic Sign	1,010.58	65.48

10 14 53 11-0134 Aluminum Non-Reflectorized Traffic Signs *(10 14 53 11-0081)*

10 14 53 11-0135	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign	50.71	20.95
10 14 53 11-0136	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign	55.11	20.95
10 14 53 11-0137	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign	55.11	20.95
10 14 53 11-0138	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign	58.41	20.95
10 14 53 11-0139	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign	61.72	20.95
10 14 53 11-0140	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign	70.94	22.27
10 14 53 11-0141	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign	97.34	22.27
10 14 53 11-0142	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign	59.51	20.95
10 14 53 11-0143	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign	70.94	22.27
10 14 53 11-0144	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign	79.74	22.27
10 14 53 11-0145	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign	88.54	22.27
10 14 53 11-0146	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign	97.34	22.27
10 14 53 11-0147	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign	84.14	22.27
10 14 53 11-0148	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign	97.34	22.27
10 14 53 11-0149	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign	113.17	23.58
10 14 53 11-0150	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign	126.37	23.58
10 14 53 11-0151	EA	18" x 48" Aluminum Non-Reflectorized Traffic Sign	163.26	28.82
10 14 53 11-0152	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign	176.46	28.82
10 14 53 11-0153	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign	117.57	23.58
10 14 53 11-0154	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign	135.17	23.58
10 14 53 11-0155	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign	152.78	23.58
10 14 53 11-0156	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign	180.86	28.82
10 14 53 11-0157	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign	198.47	28.82
10 14 53 11-0158	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign	216.07	28.82
10 14 53 11-0159	EA	24" x 60" Aluminum Non-Reflectorized Traffic Sign	233.68	28.82
10 14 53 11-0160	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign	157.18	23.58
10 14 53 11-0161	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign	189.67	28.82
10 14 53 11-0162	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign	211.67	28.82
10 14 53 11-0163	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign	244.16	34.05
10 14 53 11-0164	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign	298.64	39.30
10 14 53 11-0165	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign	216.07	28.82
10 14 53 11-0166	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign	252.96	34.05
10 14 53 11-0167	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign	289.84	39.30
10 14 53 11-0168	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign	316.24	39.30
10 14 53 11-0169	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign	353.13	44.53
10 14 53 11-0170	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign	420.83	49.77
10 14 53 11-0171	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign	442.83	49.77
10 14 53 11-0172	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign	590.59	57.63
10 14 53 11-0173	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign	294.24	39.30
10 14 53 11-0174	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign	370.74	44.53
10 14 53 11-0175	EA	48" x 54" Aluminum Non-Reflectorized Traffic Sign	416.43	49.77
10 14 53 11-0176	EA	48" x 60" Aluminum Non-Reflectorized Traffic Sign	451.64	49.77
10 14 53 11-0177	EA	48" x 66" Aluminum Non-Reflectorized Traffic Sign	502.57	57.63
10 14 53 11-0178	EA	48" x 72" Aluminum Non-Reflectorized Traffic Sign	537.78	57.63
10 14 53 11-0179	EA	48" x 84" Aluminum Non-Reflectorized Traffic Sign	618.67	62.87
10 14 53 11-0180	EA	48" x 96" Aluminum Non-Reflectorized Traffic Sign	689.09	62.87
10 14 53 11-0181	EA	48" x 102" Aluminum Non-Reflectorized Traffic Sign	724.30	62.87
10 14 53 11-0182	EA	48" x 108" Aluminum Non-Reflectorized Traffic Sign	764.75	65.48
10 14 53 11-0183	EA	60" x 72" Aluminum Non-Reflectorized Traffic Sign	653.88	62.87
10 14 53 11-0184	EA	72" x 144" Aluminum Non-Reflectorized Traffic Sign	1,435.20	83.83
10 14 53 11-0185	EA	78" x 96" Aluminum Non-Reflectorized Traffic Sign	1,046.43	65.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0186		**Polyethylene Non-Reflectorized Traffic Signs** *(10 14 53 11-0081)*		
10 14 53 11-0187	EA	6" x 12" Non-Reflective Polyethylene Traffic Sign	81.09	19.70
10 14 53 11-0188	EA	12" x 12" Non-Reflective Polyethylene Traffic Sign	88.87	20.95
10 14 53 11-0189	EA	12" x 18" Non-Reflective Polyethylene Traffic Sign	95.83	22.32
10 14 53 11-0190	EA	18" x 18" Non-Reflective Polyethylene Traffic Sign	128.43	23.58
10 14 53 11-0191	EA	18" x 24" Non-Reflective Polyethylene Traffic Sign	137.78	24.94
10 14 53 11-0192	EA	24" x 24" Non-Reflective Polyethylene Traffic Sign	160.94	26.20
10 14 53 11-0193		**Signs For Overhead Sign Structures** *(10 14 53 11-0001)* Note: Including horizontal Z-bars.		
10 14 53 11-0194	SF	From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
		For Over 10' High, Add	*13.00*	
10 14 53 11-0195	VLF	Vertical Sign Hangers For Overhead Sign Structures, Per Hanger Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.	32.50	
10 14 53 11-0196		**Flashing Beacon** *(10 14 53 11-0001)*		
10 14 53 11-0197	EA	8" Diameter LED Flashing Beacon Note: Excludes sign and post	1,345.33	184.40
10 14 53 11-0198		**Rectangular Rapid Flashing Beacons (RRFB)** *(10 14 53 11-0001)*		
10 14 53 11-0199	EA	2.5"(h) x 17.5"(w) x 2.75"(d), Solar Powered, Single, LED Rectangular Rapid Flashing Beacon (RRFB) Note: Includes standard push button, 20 watt solar panel, 12v/22 AH battery, lockable control cabinet. Excludes sign and post	1,663.12	184.40
10 14 53 11-0200	EA	3.5″(h) x 20″(w) x 3″(d) LED Rectangular Rapid Flashing Beacons (RRFB), Solar Powered, Back To Back Note: Includes standard push button, 20 watt solar panel, 12v/22 AH battery, lockable control cabinet. Excludes sign and post	3,548.81	184.40
10 14 53 11-0201		**Aluminum Street Signs** *(10 14 53 11-0001)* Note: Excludes posts.		
10 14 53 11-0202		**Aluminum Engineer Grade Street Signs** *(10 14 53 11-0201)*		
10 14 53 11-0203	EA	6" High, Aluminum Engineer Grade Street Sign	107.69	10.48
		For Hi-Intensity Grade, Add	*26.02*	
		For Diamond Grade, Add	*49.44*	
10 14 53 11-0204	EA	8" High, Aluminum Engineer Grade Street Sign	123.00	10.48
		For Hi-Intensity Grade, Add	*30.62*	
		For Diamond Grade, Add	*58.17*	
10 14 53 11-0205	EA	9" High, Aluminum Engineer Grade Street Sign	134.39	10.48
		For Hi-Intensity Grade, Add	*34.03*	
		For Diamond Grade, Add	*64.66*	
10 14 53 11-0206		**Street Sign Accessories** *(10 14 53 11-0201)*		
10 14 53 11-0207	EA	Single Bracket And Post Cap For Street Sign	31.34	5.24
10 14 53 11-0208	EA	Double Bracket And Post Cap For Street Sign	31.34	5.24
10 14 53 11-0209		**Sign Posts** *(10 14 53 11-0001)* Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill., 32 31 13 13-0019 for concrete fill.		
10 14 53 11-0210		**U-Channel Sign Posts** *(10 14 53 11-0209)* Note: Excludes digging and concrete.		
10 14 53 11-0211		**Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0210)*		
10 14 53 11-0212	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	78.91	21.36
10 14 53 11-0213	EA	6' Baked Enamel U-Channel Sign Post	104.30	26.70
10 14 53 11-0214	EA	7' Baked Enamel U-Channel Sign Post	124.46	32.03
10 14 53 11-0215	EA	8' Baked Enamel U-Channel Sign Post	145.79	37.38
10 14 53 11-0216	EA	10' Baked Enamel U-Channel Sign Post	175.75	45.38
10 14 53 11-0217	EA	12' Baked Enamel U-Channel Sign Post	181.55	45.38
10 14 53 11-0218		**Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0210)*		
10 14 53 11-0219	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	86.37	21.36
10 14 53 11-0220	EA	6' Galvanized Steel U-Channel Sign Post	116.15	26.70
10 14 53 11-0221	EA	7' Galvanized Steel U-Channel Sign Post	151.24	32.03
10 14 53 11-0222	EA	8' Galvanized Steel U-Channel Sign Post	175.39	37.38
10 14 53 11-0223	EA	10' Galvanized Steel U-Channel Sign Post	197.31	45.38
10 14 53 11-0224	EA	12' Galvanized Steel U-Channel Sign Post	200.31	45.38
10 14 53 11-0225		**Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0210)*		
10 14 53 11-0226	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	77.15	21.36
10 14 53 11-0227	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	100.48	26.70
10 14 53 11-0228	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	119.84	32.03
10 14 53 11-0229	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	140.28	37.38
10 14 53 11-0230	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	165.76	45.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0231	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	175.63	45.38
10 14 53 11-0232		**Tubular Sign Posts** *(10 14 53 11-0209)* Note: Excludes digging and concrete.		
10 14 53 11-0233		**2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0232)*		
10 14 53 11-0234	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	117.37	26.70
10 14 53 11-0235	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	139.08	32.03
10 14 53 11-0236	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	164.54	37.38
10 14 53 11-0237	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	213.51	45.38
10 14 53 11-0238	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	233.84	45.38
10 14 53 11-0239		**Square Sign Posts** *(10 14 53 11-0209)* Note: Excludes digging and concrete.		
10 14 53 11-0240		**Galvanized Steel Square Sign Posts** *(10 14 53 11-0239)*		
10 14 53 11-0241	EA	3' To 4' Galvanized Steel Square Sign Post Base	88.03	21.36
10 14 53 11-0242	EA	6' Galvanized Steel Square Sign Post	144.19	26.70
10 14 53 11-0243	EA	7' Galvanized Steel Square Sign Post	168.69	32.03
10 14 53 11-0244	EA	8' Galvanized Steel Square Sign Post	196.75	37.38
10 14 53 11-0245	EA	10' Galvanized Steel Square Sign Post	240.39	45.38
10 14 53 11-0246	EA	12' Galvanized Steel Square Sign Post	254.59	45.38
10 14 53 11-0247		**Standard Driven Street Sign Posts, Square** *(10 14 53 11-0239)*		
10 14 53 11-0248	EA	12' x 2" Square 12 Gauge Galvanized Steel Sign Post With 1'-6" x 2-1/2" Square Sleeve And 2'-6" x 2-1/4" Square Anchor Driven Into Earth	308.86	45.38
10 14 53 11-0249		**Other Sign Posts And Bases** *(10 14 53 11-0001)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.		
10 14 53 11-0250		**2.5 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0249)*		
10 14 53 11-0251		**Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0250)*		
10 14 53 11-0252	EA	Base Post for 2.5 Lb./LF Breakaway Sign Post	104.62	26.20
10 14 53 11-0253	EA	Lap Splice Hardware For 2.5 Lb./LF Breakaway Sign Post	62.70	20.95
10 14 53 11-0254		**Breakaway Sign Posts, 2.5 Lb./LF** *(10 14 53 11-0250)*		
10 14 53 11-0255	LF	2.5 Lb./LF Breakaway Sign Post	12.92	2.62
10 14 53 11-0256		**4 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0249)*		
10 14 53 11-0257		**Base Posts, 4 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0256)*		
10 14 53 11-0258	EA	Base Post For 4 Lb./LF Breakaway Sign Post	109.26	31.43
10 14 53 11-0259	EA	Lap Splice Hardware for 4 Lb./LF Breakaway Sign Post	62.70	20.95
10 14 53 11-0260		**Breakaway Sign Posts, 4 Lb./LF** *(10 14 53 11-0256)*		
10 14 53 11-0261	LF	4 Lb./LF Breakaway Sign Post	15.80	2.62
10 14 53 11-0262		**Driven Sign Posts** *(10 14 53 11-0249)*		
10 14 53 11-0263		**Driven Posts, 2.5 Lb./LF** *(10 14 53 11-0262)*		
10 14 53 11-0264	LF	2.5 Lb./LF Driven Post	13.97	3.67
10 14 53 11-0265		**Driven Posts, 4 Lb./LF** *(10 14 53 11-0262)*		
10 14 53 11-0266	LF	4 Lb./LF Driven Post	17.37	4.19
10 14 53 11-0267		**Omni-Directional Breakaway System For Sign Posts And Light Poles** *(10 14 53 11-0249)*		
10 14 53 11-0268		**Omni-Directional Breakaway Systems For Signs** *(10 14 53 11-0267)* Note: Break-Safe as manufactured by Tramspo Industries. Tasks are organized by post type and size. Includes hinges, anchors, sleeve, all associated parts and drilling.		
10 14 53 11-0269	EA	Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,484.73	
10 14 53 11-0270	EA	Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,581.96	
10 14 53 11-0271	EA	Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	1,084.55	
10 14 53 11-0272	EA	Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	949.93	
10 14 53 11-0273	EA	Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	1,077.07	
10 14 53 11-0274	EA	Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	1,024.72	
10 14 53 11-0275	EA	Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	1,110.74	
10 14 53 11-0276		**Omni-Directional Breakaway Systems For Poles** *(10 14 53 11-0267)* Note: Pole-Safe as Manufactured by Tramspo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0277	EA	Omni-Directional Breakaway System For Poles With 5/8" Couplings	504.69	
10 14 53 11-0278	EA	Omni-Directional Breakaway System For Poles With 3/4" Couplings	529.11	
10 14 53 11-0279	EA	Omni-Directional Breakaway System For Poles With 1" Couplings	549.46	
10 14 53 11-0280	EA	Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	834.36	
10 14 53 11-0281	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	73.25	
10 14 53 11-0282	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	97.68	
10 14 53 11-0283		Sign Post Accessories *(10 14 53 11-0001)*		
10 14 53 11-0284		Sign Post Brackets *(10 14 53 11-0283)*		
10 14 53 11-0285	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set Note: Includes 2 single side signpost brackets	63.19	7.86
10 14 53 11-0286	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side signpost brackets	83.24	13.10
10 14 53 11-0287	EA	4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	75.92	10.48
10 14 53 11-0288		Sign Post Caps *(10 14 53 11-0283)*		
10 14 53 11-0289	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	28.18	5.24
10 14 53 11-0290		Sign Post Replacement Bolts *(10 14 53 11-0283)*		
10 14 53 11-0291	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	18.97	
10 14 53 11-0292		Removal Of Signs *(10 14 53 11)* Note: Includes structural supports and foundations.		
10 14 53 11-0293	EA	>4 To 10 SF Sign Area, Sign Removal	209.56	
10 14 53 11-0294	EA	>10 To 20 SF Sign Area, Sign Removal	502.95	
10 14 53 11-0295	EA	>20 To 40 SF Sign Area, Sign Removal	754.43	
10 14 53 11-0296	EA	>40 To 100 SF Sign Area, Sign Removal	1,204.45	
10 14 53 11-0297		Removal And Reinstallation Of Signs *(10 14 53 11)* Note: Includes structural supports and foundations		
10 14 53 11-0298	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	320.86	
10 14 53 11-0299	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	759.07	
10 14 53 11-0300	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	1,135.60	
10 14 53 11-0301	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,810.34	
10 14 53 11-0302	EA	Removal And Reinstallation Of Street Sign On Post	120.50	
10 14 53 11-0303	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	427.81	
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		Bridge And Truss Mounted Signs *(10 14 56)*		
10 14 56 00-0002		Removal Of Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0003	CF	Removal Of Foundation Note: Including Excavation	19.16	
10 14 56 00-0004	LF	Removal Of Truss And Supports	240.18	
10 14 56 00-0005	SF	Removal Of Sign Face	10.98	
10 14 56 00-0006	SF	Removal Of Legend	18.30	
10 14 56 00-0007	EA	Removal Of Changeable Message Panel	211.15	
10 14 56 00-0008	EA	Removal Of Posts And Supports, Per Post	109.79	
10 14 56 00-0009		Fabricate And Install Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0010	CY	Foundation For Sign Excavation, Backfill, Compaction, Concrete, Rebar, Forms And Finish	636.35	
10 14 56 00-0011	LF	Telescoping Steel Ground Posts	84.85	
10 14 56 00-0012	LF	Overhead Steel Mounting Framework	1,443.70	
10 14 56 00-0013	LB	Ground Mounted Steel Structure	5.52	
10 14 56 00-0014		Fabricate And Install New 12" Extruded Aluminum Channel *(10 14 56 00-0001)* Note: Includes reflective face with reflective legend.		
10 14 56 00-0015	SF	1 To 49.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	132.01	
10 14 56 00-0016	SF	50 To 99.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	117.69	
10 14 56 00-0017	SF	100 To 149.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	105.26	
10 14 56 00-0018	SF	>150 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	94.59	
10 14 56 00-0019		Fabricate And Install New Reflective Messages On Sign Face *(10 14 56 00-0001)*		
10 14 56 00-0020		One Color/3 Dimensional Demountable Letters *(10 14 56 00-0019)*		
10 14 56 00-0021	EA	6" Capital Height Letter	33.23	
10 14 56 00-0022	EA	8" Capital Height Letter	39.16	
10 14 56 00-0023	EA	10" Capital Height Letter	45.05	
10 14 56 00-0024	EA	12" Capital Height Letter	50.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 56 00-0025	EA	14" Capital Height Letter	53.34	
10 14 56 00-0026		Two Color Legend Shields-Die Cut Vinyl Engineer Grade *(10 14 56 00-0019)*		
10 14 56 00-0027	EA	6" Legend/Shields	34.24	
10 14 56 00-0028	EA	8" Legend/Shields	40.51	
10 14 56 00-0029	EA	10" Legend/Shields	46.73	
10 14 56 00-0030	EA	12" Legend/Shields	52.35	
10 14 56 00-0031	EA	14" Legend/Shields	55.71	
10 14 56 00-0032		Fabricate And Install New Changeable Message Panel *(10 14 56 00-0001)*		
10 14 56 00-0033	SF	One Color Hi-Intensity Die Cut Vinyl Letters on Demountable Panel	39.75	

10 14 63 Electronic Message Signage *(10 14)*

10 14 63 00-0001		Dynamic Signs *(10 14 63)*		
10 14 63 00-0002		Programming/Software And Repair *(10 14 63 00-0001)*		
10 14 63 00-0003	HR	Programming Message, Graphic Visuals, Movement Of Message, And Timing Of Visuals On Screen	182.48	
10 14 63 00-0004	HR	Repair/Replacement Of Electronic Sign And Computer Components	114.05	
10 14 63 00-0005	HR	Repair Flip Disks Or Light Source	114.05	
10 14 63 00-0006		Fabricate And Install New Sign Cabinets *(10 14 63 00-0001)*		
10 14 63 00-0007		Cabinet For Flip Disk Display *(10 14 63 00-0006)*		
10 14 63 00-0008	SF	1 To 99 SF Cabinet	208.40	
10 14 63 00-0009	SF	100 To 200 SF Cabinet	170.97	
10 14 63 00-0010		Fabricate And Install New Sign Face Components *(10 14 63 00-0001)*		
10 14 63 00-0011		Enhanced Flip Disk Display *(10 14 63 00-0010)*		
10 14 63 00-0012	EA	Enhanced Flip Disk	152.24	
10 14 63 00-0013	SF	Lexan Lens For Flip Disk Sign	60.32	
10 14 63 00-0014		Disappearing Copy Sign *(10 14 63 00-0010)*		
10 14 63 00-0015	SF	1 To 49.9 SF, Disappearing Copy Sign	47.33	
10 14 63 00-0016	SF	=>50 SF, Disappearing Copy Sign	34.10	
10 14 63 00-0017		Fabricate And Install Transfer Lights And Signs *(10 14 63 00-0001)*		
10 14 63 00-0018	EA	Passenger Transfer Signage	620.01	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,049.87	129.91
		For >10, Deduct	*-79.01*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,270.02	141.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,356.47	147.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes head rail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,092.60	158.79
		For >10, Deduct	*-77.50*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,269.57	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,342.14	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0011		**Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,289.56	187.65
		For >10, Deduct	*-91.43*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,503.87	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,579.64	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0015		**Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,245.60	216.52
		For >10, Deduct	*-81.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,495.78	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,580.05	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0019		**Enamel Coated Steel Urinal Screens** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0020		**Floor Anchored, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	555.66	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	616.00	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	678.19	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0024		**Wall Hung, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	314.88	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	339.58	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	358.61	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0028		**Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	407.05	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	455.92	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	486.22	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	516.53	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	514.37	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	552.18	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	610.64	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	331.43	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	338.94	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	359.30	24.83
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	393.08	24.83
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	400.58	24.83
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	

10 21 13 13-0045 Enamel Coated Steel, Toilet Partition Panels *(10 21 13 13-0038)*

10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	238.17	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	262.72	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	287.27	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	311.79	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	336.34	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	360.88	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	383.54	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	408.09	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	425.11	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	434.94	58.90
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	447.78	60.63
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	489.21	63.51
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	525.01	66.40
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 13-0059 70" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	181.02	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	199.92	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	220.71	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	256.52	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	290.44	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	324.36	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	418.33	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	480.41	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	516.21	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	145.37	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	158.64	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	173.80	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	196.47	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	217.25	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	239.91	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	296.35	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	334.03	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	356.70	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0079		96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*		
10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	201.95	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	220.86	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	241.65	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	277.44	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	311.36	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	345.29	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	439.27	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	501.33	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	537.13	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 14		**Stainless-Steel Toilet Compartments** *(10 21 13)*		
10 21 13 14-0001		Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10 21 13 14-0002		Stainless Steel Toilet Partitions *(10 21 13 14-0001)*		
10 21 13 14-0003		Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*		
10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,426.02	129.91
		For >10, Deduct	*-216.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*758.17*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,929.55	141.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*926.32*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,068.40	147.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*970.88*	
10 21 13 14-0007		Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*		
		Note: Includes head rail.		
10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,053.34	158.79
		For >10, Deduct	*-173.58*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*607.52*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,499.74	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*755.68*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,724.13	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*830.17*	
10 21 13 14-0011		Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,844.65	187.65
		For >10, Deduct	*-246.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*864.27*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,051.03	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*928.42*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,193.95	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*974.40*	
10 21 13 14-0015		Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,847.19	216.52
		For >10, Deduct	*-241.42*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*844.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,466.09	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*1,053.48*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,644.76	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*1,111.98*	
10 21 13 14-0019		**Stainless Steel Urinal Screens** *(10 21 13 14-0001)*		
10 21 13 14-0020		**Floor Anchored, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	800.19	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	905.84	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	925.07	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*259.15*	
10 21 13 14-0024		**Wall Hung, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	591.54	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*158.57*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	640.10	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*171.52*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	698.82	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*188.04*	
10 21 13 14-0028		**Wall Hung And Post Supported, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	960.84	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*283.78*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,007.04	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*295.91*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,053.02	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*307.97*	
10 21 13 14-0032		**Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	800.19	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	905.83	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	1,015.90	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*290.94*	
10 21 13 14-0036		**Stainless Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 14-0001)*		
10 21 13 14-0037		**Stainless Steel, Toilet Partition Doors** *(10 21 13 14-0036)*		
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	529.28	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*169.08*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	605.58	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*195.79*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	621.93	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*199.49*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	643.96	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*207.20*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	650.09	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*209.34*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	456.92	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*135.67*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	507.47	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*151.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	528.73	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*156.76*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	552.90	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*163.21*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	593.46	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*175.38*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	640.64	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*189.87*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	749.66	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*226.01*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	820.87	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*248.91*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	842.13	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*254.33*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	884.05	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*268.19*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	939.17	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*286.27*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	984.06	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*299.96*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,079.87	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*331.47*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	317.05	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*98.84*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	345.19	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*106.67*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	375.08	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*115.11*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	427.35	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*131.38*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	479.62	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*147.66*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	531.88	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*163.93*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	675.40	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*212.14*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	774.17	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*244.69*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	826.44	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*260.96*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	242.21	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*72.65*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	262.18	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*77.62*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	282.89	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*82.85*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	367.45	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*110.42*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	414.73	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*124.95*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	429.11	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*127.96*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	486.28	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*145.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	548.59	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*165.74*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	582.41	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*175.55*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	347.53	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*105.47*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	380.86	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*115.11*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	412.46	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*124.15*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	473.33	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*143.44*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	532.48	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*162.12*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	591.64	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*180.80*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	761.01	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*238.06*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	873.53	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*275.43*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	934.41	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*294.71*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high-pressure decorative plastic laminate bonded to a solid industrial-grade particalboard.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,354.87	129.91
		For >10, Deduct	*-109.51*	
		For Cast Stainless Steel Hardware, Add	*180.50*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,658.36	141.46
		For Cast Stainless Steel Hardware, Add	*180.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,785.04	147.23
		For Cast Stainless Steel Hardware, Add	*180.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes head rail.

10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,466.08	158.79
		For >10, Deduct	*-114.85*	
		For Cast Stainless Steel Hardware, Add	*180.56*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,782.90	170.33
		For Cast Stainless Steel Hardware, Add	*180.58*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,919.63	176.10
		For Cast Stainless Steel Hardware, Add	*180.59*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,960.07	216.52
		For >10, Deduct	*-152.71*	
		For Cast Stainless Steel Hardware, Add	*180.67*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,287.19	228.07
		For Cast Stainless Steel Hardware, Add	*180.70*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,413.88	233.85
		For Cast Stainless Steel Hardware, Add	*180.71*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0015 Laminated Plastic Urinal Screens *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0016 Floor Anchored, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	569.98	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	621.58	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	640.97	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 16-0020 Wall Hung, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	442.46	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	465.47	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	487.41	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 16-0024 Wall Hung And Post Supported, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	587.92	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	645.14	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	707.15	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 16-0028 Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	542.44	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	595.18	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	613.93	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 16-0032 Laminated Plastic Toilet Partition Doors, Panels And Pilasters *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0033 Laminated Plastic, Toilet Partition Doors *(10 21 13 16-0032)*

10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	451.02	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	490.36	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	506.87	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	519.03	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	530.47	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	

10 21 13 16-0039 Laminated Plastic, Toilet Partition Panels *(10 21 13 16-0032)*

10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	228.72	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	253.04	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	277.36	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	302.61	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	325.98	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	351.35	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	359.30	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	368.63	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	388.01	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	404.23	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	422.37	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	481.79	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	549.08	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 16-0053 69" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	187.00	17.32
		For 1-1/4" Pilaster, Add	*12.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*152.35*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	215.65	20.21
		For 1-1/4" Pilaster, Add	*14.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*175.24*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	221.43	23.09
		For 1-1/4" Pilaster, Add	*14.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*175.24*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	244.37	25.98
		For 1-1/4" Pilaster, Add	*15.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*192.40*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	255.15	28.87
		For 1-1/4" Pilaster, Add	*16.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*197.41*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	277.37	31.76
		For 1-1/4" Pilaster, Add	*17.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*213.86*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	353.23	34.65
		For 1-1/4" Pilaster, Add	*23.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*283.95*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	427.68	37.53
		For 1-1/4" Pilaster, Add	*29.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*352.62*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	479.95	40.41
		For 1-1/4" Pilaster, Add	*32.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*399.11*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	367.24	17.32
		For 1-1/4" Pilaster, Add	*27.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*332.59*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	405.90	20.21
		For 1-1/4" Pilaster, Add	*30.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*365.49*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	411.68	23.09
		For 1-1/4" Pilaster, Add	*30.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*365.49*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	445.36	25.98
		For 1-1/4" Pilaster, Add	*32.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*393.39*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	486.17	28.87
		For 1-1/4" Pilaster, Add	*35.35*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*428.43*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	519.12	31.76
		For 1-1/4" Pilaster, Add	*37.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*455.61*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	646.14	34.65
		For 1-1/4" Pilaster, Add	*47.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*576.86*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	735.95	37.53
		For 1-1/4" Pilaster, Add	*54.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*660.89*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	755.32	40.41
		For 1-1/4" Pilaster, Add	*55.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*674.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes head rail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,962.82	158.79
		For >10, Deduct	*-164.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,020.06*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,419.22	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,288.71*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,682.28	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,444.64*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,958.24	187.65
		For >10, Deduct	*-158.29*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*981.42*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,454.89	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,275.02*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,717.93	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,430.95*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,051.86	216.52
		For >10, Deduct	*-161.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,003.67*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,437.75	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,228.60*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,700.79	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,384.53*	

10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	453.67	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*195.42*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	477.64	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*203.11*	

10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	578.45	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*265.62*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	732.77	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*354.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	814.64	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*397.75*	

10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	589.99	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*265.62*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	744.31	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*354.14*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	884.49	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*433.90*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	469.67	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*262.56*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	508.21	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*286.45*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	552.24	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*310.17*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	630.23	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*358.52*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	648.69	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*369.97*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	163.14	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*58.19*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	262.79	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*116.39*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	362.41	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*174.57*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	423.54	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*208.90*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	513.56	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*261.13*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	548.80	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*279.40*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	616.47	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*317.77*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	695.46	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*363.17*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	759.84	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*399.51*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	776.37	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*408.32*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	802.53	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*422.39*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	907.69	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*484.01*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	978.54	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*524.36*	

10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	215.46	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*112.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	239.35	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*123.34*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	260.09	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*132.62*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	279.23	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*140.90*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	313.55	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*158.60*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	347.85	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*176.29*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	478.86	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*253.94*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	541.59	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*289.25*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	589.78	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*315.54*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	262.75	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*134.27*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	289.14	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*147.05*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	318.44	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*161.63*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	360.95	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*184.41*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	403.88	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*207.45*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	446.41	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*230.24*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	573.32	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*305.34*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	641.77	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*344.21*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	698.01	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*375.49*	

10 21 13 19-0068 Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes head rail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,538.66	158.79
		For >10, Deduct	*-222.11*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,377.08*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,146.73	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,739.77*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,497.82	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,950.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0074		Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,512.27	187.65
		For >10, Deduct	*-213.70*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,324.92*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,174.65	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,721.28*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,525.72	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,931.78*	
10 21 13 19-0078		Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,618.47	216.52
		For >10, Deduct	*-218.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,354.97*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,131.31	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,658.61*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,482.37	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,869.11*	
10 21 13 19-0082		Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	563.97	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*263.80*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	588.25	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*271.69*	
10 21 13 19-0086		Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	921.15	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*478.09*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,048.67	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*550.00*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,117.90	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*585.77*	
10 21 13 19-0090		Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	739.92	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*358.58*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	944.23	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*478.09*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,129.44	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*585.77*	
10 21 13 19-0094		Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	617.88	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*354.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0097	EA	26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	669.93	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*386.72*	
10 21 13 19-0098	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	727.33	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*418.72*	
10 21 13 19-0099	EA	34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	832.63	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*484.01*	
10 21 13 19-0100	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	857.54	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*499.45*	

10 21 13 19-0101 Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*

10 21 13 19-0102	EA	6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	195.99	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*78.56*	
10 21 13 19-0103	EA	12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	328.49	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*157.13*	
10 21 13 19-0104	EA	18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	460.98	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*235.69*	
10 21 13 19-0105	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	541.45	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*282.01*	
10 21 13 19-0106	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	660.96	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*352.52*	
10 21 13 19-0107	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	706.52	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*377.18*	
10 21 13 19-0108	EA	42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	795.86	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*429.00*	
10 21 13 19-0109	EA	48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	900.49	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*490.28*	
10 21 13 19-0110	EA	55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	985.38	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*539.34*	
10 21 13 19-0111	EA	58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,006.87	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*551.23*	
10 21 13 19-0112	EA	60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,040.97	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*570.23*	
10 21 13 19-0113	EA	70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,180.94	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*653.42*	
10 21 13 19-0114	EA	78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,274.54	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*707.88*	

10 21 13 19-0115 82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	278.74	17.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*151.34*	
10 21 13 19-0117	EA	5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	308.98	20.21
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*166.51*	
10 21 13 19-0118	EA	6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	334.95	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*179.03*	
10 21 13 19-0119	EA	8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	386.67	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*207.51*	
10 21 13 19-0120	EA	10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	434.50	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*233.59*	
10 21 13 19-0121	EA	12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	482.27	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*259.63*	
10 21 13 19-0122	EA	18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	622.21	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*342.82*	
10 21 13 19-0123	EA	22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	704.89	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*390.49*	
10 21 13 19-0124	EA	24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	767.90	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*425.98*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0125		96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*		
10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	338.55	23.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*181.26*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	372.16	25.98
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*198.52*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	409.70	28.87
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*218.22*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	465.07	31.76
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*248.97*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	521.00	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*280.07*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	576.37	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*310.81*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	745.70	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*412.21*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	836.07	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*464.67*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	909.98	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*506.91*	
10 21 13 19-0135		Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21 13 19-0136		Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0137		Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,061.53	129.91
		For >10, Deduct	*-180.17*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*391.35*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,533.81	141.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*486.83*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,830.03	147.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*547.19*	
10 21 13 19-0141		Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
		Note: Includes head rail.		
10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,287.70	158.79
		For >10, Deduct	*-197.01*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*429.61*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,778.77	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*529.04*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,089.33	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*592.41*	
10 21 13 19-0145		Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,360.83	187.65
		For >10, Deduct	*-198.55*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*435.73*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,848.42	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*534.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,144.63	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*594.78*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,326.67	216.52
		For >10, Deduct	*-189.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*419.32*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,798.61	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*514.73*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,094.82	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*575.08*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	748.79	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*131.39*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	846.88	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*150.15*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	1,016.49	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*183.92*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	477.52	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*78.12*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	553.43	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*92.22*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	665.91	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*113.99*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	484.65	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*77.77*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	607.71	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*101.77*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	710.98	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*121.61*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	771.10	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*137.93*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	869.78	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*156.80*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	1,042.63	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*191.25*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	559.74	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*110.16*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	579.05	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*114.21*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	634.38	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*124.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	684.74	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*135.48*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	736.46	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*146.34*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	176.31	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*25.94*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	235.56	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*37.46*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	321.56	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*54.59*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	408.46	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*71.92*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	455.61	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*80.90*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	505.14	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*90.37*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	589.76	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*107.22*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	676.90	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*124.60*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	722.00	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*133.14*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	742.20	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*137.02*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	756.39	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*139.44*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	870.89	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*162.56*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	1,052.61	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*199.80*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	265.68	17.32
		For 1" Pilaster, Add	*28.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*50.25*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	305.77	20.21
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*57.75*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	311.55	23.09
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*58.04*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	360.96	25.98
		For 1" Pilaster, Add	*38.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*67.49*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	406.07	28.87
		For 1" Pilaster, Add	*43.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*76.04*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	451.18	31.76
		For 1" Pilaster, Add	*48.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*84.59*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	577.82	34.65
		For 1" Pilaster, Add	*63.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*110.26*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	710.20	37.53
		For 1" Pilaster, Add	*79.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*137.13*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	746.02	40.41
		For 1" Pilaster, Add	*83.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*143.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0201		**83" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	291.42	17.32
		For 1" Pilaster, Add	*32.10*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*55.65*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	341.53	20.21
		For 1" Pilaster, Add	*37.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*65.26*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	347.31	23.09
		For 1" Pilaster, Add	*37.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*65.54*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	402.44	25.98
		For 1" Pilaster, Add	*43.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*76.20*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	454.70	28.87
		For 1" Pilaster, Add	*49.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*86.25*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	507.34	31.76
		For 1" Pilaster, Add	*55.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*96.38*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	661.51	34.65
		For 1" Pilaster, Add	*74.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*127.83*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	788.54	37.53
		For 1" Pilaster, Add	*89.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*153.58*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	829.36	40.41
		For 1" Pilaster, Add	*93.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*161.23*	
10 21 13 19-0211		**96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	328.71	23.09
		For 1" Pilaster, Add	*35.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*61.64*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	388.85	25.98
		For 1" Pilaster, Add	*42.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*73.34*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	394.62	28.87
		For 1" Pilaster, Add	*42.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*73.63*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	455.47	31.76
		For 1" Pilaster, Add	*49.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*85.49*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	514.88	34.65
		For 1" Pilaster, Add	*55.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*97.04*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	575.02	37.53
		For 1" Pilaster, Add	*62.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*108.74*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	756.75	40.41
		For 1" Pilaster, Add	*84.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*145.98*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	878.38	43.30
		For 1" Pilaster, Add	*98.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*170.60*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	924.22	46.19
		For 1" Pilaster, Add	*103.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*179.31*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0222		Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0223		Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,277.74	129.91
		For >10, Deduct	*-201.79*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,803.92	141.46
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,134.30	147.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0227		Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Includes head rail.		
10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,524.12	158.79
		For >10, Deduct	*-220.66*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,071.34	170.33
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,417.78	176.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0231		Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,599.10	187.65
		For >10, Deduct	*-222.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,142.42	199.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,472.79	204.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0235		Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,553.91	216.52
		For >10, Deduct	*-212.09*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,079.71	228.07
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,410.08	233.85
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0239		Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0240		Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	819.26	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	927.73	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,116.31	92.33
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0244		Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	518.20	69.24
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	601.84	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	726.43	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	524.81	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	661.25	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	775.52	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	845.62	75.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	954.77	80.79
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,146.97	86.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.

10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*

10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	621.37	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	642.99	23.09
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	704.27	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	760.67	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	818.60	25.98
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	

10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*

10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	189.15	34.65
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	254.82	37.53
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	350.45	40.41
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	447.09	43.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	499.20	46.19
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	553.97	49.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	648.06	51.97
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	744.97	54.85
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	794.79	57.74
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	817.13	58.90
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	832.61	60.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	960.15	63.51
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	1,162.99	66.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	293.40	17.32
		For 1" Pilaster, Add	*32.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	337.61	20.21
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	343.39	23.09
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	398.04	25.98
		For 1" Pilaster, Add	*43.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	447.87	28.87
		For 1" Pilaster, Add	*48.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	497.70	31.76
		For 1" Pilaster, Add	*54.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	638.85	34.65
		For 1" Pilaster, Add	*71.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	786.42	37.53
		For 1" Pilaster, Add	*88.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	825.84	40.41
		For 1" Pilaster, Add	*93.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0287 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	322.24	17.32
		For 1" Pilaster, Add	*35.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	377.66	20.21
		For 1" Pilaster, Add	*42.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	383.44	23.09
		For 1" Pilaster, Add	*42.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	444.50	25.98
		For 1" Pilaster, Add	*49.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	502.34	28.87
		For 1" Pilaster, Add	*55.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	560.60	31.76
		For 1" Pilaster, Add	*62.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	732.57	34.65
		For 1" Pilaster, Add	*82.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	874.15	37.53
		For 1" Pilaster, Add	*99.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	919.19	40.41
		For 1" Pilaster, Add	*104.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0297 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	362.62	23.09
		For 1" Pilaster, Add	*39.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	429.28	25.98
		For 1" Pilaster, Add	*47.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	435.05	28.87
		For 1" Pilaster, Add	*47.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	502.50	31.76
		For 1" Pilaster, Add	*54.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	568.35	34.65
		For 1" Pilaster, Add	*62.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	635.01	37.53
		For 1" Pilaster, Add	*69.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	837.86	40.41
		For 1" Pilaster, Add	*94.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	973.40	43.30
		For 1" Pilaster, Add	*110.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	1,024.04	46.19
		For 1" Pilaster, Add	*116.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0308			**Solid Polyester (Corian) Toilet Partitions** *(10 21 13 19-0307)* Note: Small particulate finish.		
10 21 13 19-0309			**Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)*		
10 21 13 19-0310		EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,127.10	129.91
			For >10, Deduct	*-486.73*	
			For Solid Color Material (No Particulate), Deduct	*-1,119.47*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0311		EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,196.85	141.46
			For Solid Color Material (No Particulate), Deduct	*-1,360.20*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0312		EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,875.27	147.23
			For Solid Color Material (No Particulate), Deduct	*-1,513.58*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0313			**Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)*		
10 21 13 19-0314		EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,317.42	158.79
			For >10, Deduct	*-499.99*	
			For Solid Color Material (No Particulate), Deduct	*-1,149.97*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0315		EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,998.59	170.33
			For Solid Color Material (No Particulate), Deduct	*-1,531.33*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0316		EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,751.69	176.10
			For Solid Color Material (No Particulate), Deduct	*-1,701.88*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0317			**Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)* Note: Excludes above ceiling steel.		
10 21 13 19-0318		EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,953.46	187.65
			For >10, Deduct	*-557.82*	
			For Solid Color Material (No Particulate), Deduct	*-1,282.98*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0319		EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,013.18	199.20
			For Solid Color Material (No Particulate), Deduct	*-1,751.40*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0320		EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,765.68	204.97
			For Solid Color Material (No Particulate), Deduct	*-1,921.82*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0321			**Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0308)* Note: Excludes above ceiling steel.		
10 21 13 19-0322		EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	6,004.03	216.52
			For >10, Deduct	*-557.10*	
			For Solid Color Material (No Particulate), Deduct	*-1,281.33*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0323		EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,685.83	228.07
			For Solid Color Material (No Particulate), Deduct	*-1,662.83*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0324		EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,438.32	233.85
			For Solid Color Material (No Particulate), Deduct	*-1,833.25*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0325			**Solid Polyester (Corian) Urinal Screens** *(10 21 13 19-0307)*		
10 21 13 19-0326			**Floor Anchored, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0327		EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,399.62	80.79
			For Solid Color Material (No Particulate), Deduct	*-284.75*	
			For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0328		EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,855.75	86.55
			For Solid Color Material (No Particulate), Deduct	*-387.01*	
			For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0329		EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,311.88	92.33
			For Solid Color Material (No Particulate), Deduct	*-489.26*	
			For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0330			**Wall Hung, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0331		EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	707.12	69.24
			For Solid Color Material (No Particulate), Deduct	*-130.79*	
			For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	908.20	75.01
		For Solid Color Material (No Particulate), Deduct	*-174.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,109.30	80.79
		For Solid Color Material (No Particulate), Deduct	*-217.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0334		**Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	930.03	75.01
		For Solid Color Material (No Particulate), Deduct	*-179.40*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,163.88	80.79
		For Solid Color Material (No Particulate), Deduct	*-230.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,397.70	86.55
		For Solid Color Material (No Particulate), Deduct	*-281.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0338		**Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,436.53	75.01
		For Solid Color Material (No Particulate), Deduct	*-295.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,892.66	80.79
		For Solid Color Material (No Particulate), Deduct	*-398.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,348.79	86.55
		For Solid Color Material (No Particulate), Deduct	*-500.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0342		**Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0307)*		
10 21 13 19-0343		**Solid Polyester (Corian), Toilet Partition Doors** *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,120.59	23.09
		For Solid Color Material (No Particulate), Deduct	*-247.11*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,197.38	23.09
		For Solid Color Material (No Particulate), Deduct	*-264.77*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,365.57	25.98
		For Solid Color Material (No Particulate), Deduct	*-302.13*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,524.03	25.98
		For Solid Color Material (No Particulate), Deduct	*-338.57*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,592.98	25.98
		For Solid Color Material (No Particulate), Deduct	*-354.43*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0349		**Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	291.56	34.65
		For Solid Color Material (No Particulate), Deduct	*-51.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	519.65	37.53
		For Solid Color Material (No Particulate), Deduct	*-102.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	747.71	40.41
		For Solid Color Material (No Particulate), Deduct	*-153.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	975.78	43.30
		For Solid Color Material (No Particulate), Deduct	*-204.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,203.84	46.19
		For Solid Color Material (No Particulate), Deduct	*-255.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,431.90	49.08
		For Solid Color Material (No Particulate), Deduct	*-306.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,659.98	51.97
		For Solid Color Material (No Particulate), Deduct	*-357.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,888.04	54.85
		For Solid Color Material (No Particulate), Deduct	*-409.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,153.14	57.74
		For Solid Color Material (No Particulate), Deduct	*-468.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,266.63	58.90
		For Solid Color Material (No Particulate), Deduct	*-494.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,344.17	60.63
		For Solid Color Material (No Particulate), Deduct	*-511.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,720.43	63.51
		For Solid Color Material (No Particulate), Deduct	*-596.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	3,022.59	66.40
		For Solid Color Material (No Particulate), Deduct	*-664.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0363		**72" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	383.52	17.32
		For Solid Color Material (No Particulate), Deduct	*-80.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	476.50	20.21
		For Solid Color Material (No Particulate), Deduct	*-100.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	569.50	23.09
		For Solid Color Material (No Particulate), Deduct	*-120.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	749.74	25.98
		For Solid Color Material (No Particulate), Deduct	*-160.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	929.95	28.87
		For Solid Color Material (No Particulate), Deduct	*-200.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,110.16	31.76
		For Solid Color Material (No Particulate), Deduct	*-240.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,639.24	34.65
		For Solid Color Material (No Particulate), Deduct	*-361.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,993.92	37.53
		For Solid Color Material (No Particulate), Deduct	*-441.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,174.13	40.41
		For Solid Color Material (No Particulate), Deduct	*-481.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0373		**82" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	431.97	17.32
		For Solid Color Material (No Particulate), Deduct	*-91.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	537.09	20.21
		For Solid Color Material (No Particulate), Deduct	*-114.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	630.84	23.09
		For Solid Color Material (No Particulate), Deduct	*-134.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	861.80	25.98
		For Solid Color Material (No Particulate), Deduct	*-186.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,051.08	28.87
		For Solid Color Material (No Particulate), Deduct	*-228.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,255.51	31.76
		For Solid Color Material (No Particulate), Deduct	*-274.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,857.30	34.65
		For Solid Color Material (No Particulate), Deduct	*-411.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,260.43	37.53
		For Solid Color Material (No Particulate), Deduct	*-502.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,464.87	40.41
		For Solid Color Material (No Particulate), Deduct	*-548.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0383		**96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	569.50	23.09
		For Solid Color Material (No Particulate), Deduct	*-120.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	706.12	25.98
		For Solid Color Material (No Particulate), Deduct	*-150.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	842.73	28.87
		For Solid Color Material (No Particulate), Deduct	*-180.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,110.16	31.76
		For Solid Color Material (No Particulate), Deduct	*-240.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,377.58	34.65
		For Solid Color Material (No Particulate), Deduct	*-300.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,645.02	37.53
		For Solid Color Material (No Particulate), Deduct	*-361.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,435.79	40.41
		For Solid Color Material (No Particulate), Deduct	*-541.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,964.89	43.30
		For Solid Color Material (No Particulate), Deduct	*-662.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	3,232.32	46.19
		For Solid Color Material (No Particulate), Deduct	*-722.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 40 Stone Toilet Compartments *(10 21 13)*

10 21 13 40-0001 Stone Toilet Partitions And Urinal Screens *(10 21 13 40)*

10 21 13 40-0002 Floor And Ceiling Anchored, Stone Toilet Partitions And Urinal Screens *(10 21 13 40-0001)*

10 21 13 40-0003	SF	Floor And Ceiling Anchored, Stone Toilet, Urinal Or Shower Partition (White Carrara) Note: Thickness 1-1/4" to match standard of design. Facing: 1/4" thickness of natural marble as selected – panel to be double sided for an all stone finish. All exposed edges of panel shall be natural stone. Reinforcing: 3/4" aluminum honeycomb composite bonded with high strength epoxy. Incudes chrome-plated brass stirrup type U-brackets, chrome-plated brass HW and accessories, and theft-resistant-type heads and through-bolt application fasteners.	98.98	18.47

10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

10 21 13 43-0001 Accessories *(10 21 13 43)*

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	14.00	2.31
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	25.08	2.31
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	115.81	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	73.36	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	122.17	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	88.88	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	215.06	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	195.16	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	145.36	

10 21 16 Shower and Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,164.53	144.34
		For 66" High Panels, Add	*131.38*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,479.57	155.90
		For 66" High Panels, Add	*175.17*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,931.29	173.22
		For 66" High Panels, Add	*237.73*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,280.95	202.09
		For 66" High Panels, Add	*281.52*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,630.64	230.96
		For 66" High Panels, Add	*325.31*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Head rail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in head rail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,870.72	253.70
		For 66" High Panels, Add	*405.24*	
		For 6" Wide Head Rail, Add	*75.97*	
		For 8" Wide Head Rail, Add	*104.68*	
		For 10" Wide Head Rail, Add	*128.31*	
		For 12" Wide Head Rail, Add	*154.49*	
		For 18" Wide, 1/2" Thick Bench, Add	*135.74*	
		For 24" Wide, 1/2" Thick Bench, Add	*175.74*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,566.22	277.03
		For 66" High Panels, Add	*507.23*	
		For 6" Wide Head Rail, Add	*95.90*	
		For 8" Wide Head Rail, Add	*131.57*	
		For 10" Wide Head Rail, Add	*161.69*	
		For 12" Wide Head Rail, Add	*194.58*	
		For 18" Wide, 1/2" Thick Bench, Add	*140.41*	
		For 24" Wide, 1/2" Thick Bench, Add	*180.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,528.08	294.58
		For 66" High Panels, Add	*649.75*	
		For 6" Wide Head Rail, Add	*124.06*	
		For 8" Wide Head Rail, Add	*169.34*	
		For 10" Wide Head Rail, Add	*208.73*	
		For 12" Wide Head Rail, Add	*251.06*	
		For 18" Wide, 1/2" Thick Bench, Add	*143.92*	
		For 24" Wide, 1/2" Thick Bench, Add	*183.92*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,829.76	329.57
		For 66" High Panels, Add	*691.51*	
		For 6" Wide Head Rail, Add	*131.71*	
		For 8" Wide Head Rail, Add	*180.01*	
		For 10" Wide Head Rail, Add	*221.71*	
		For 12" Wide Head Rail, Add	*266.72*	
		For 18" Wide, 1/2" Thick Bench, Add	*150.91*	
		For 24" Wide, 1/2" Thick Bench, Add	*190.91*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,535.73	358.21
		For 66" High Panels, Add	*794.54*	
		For 6" Wide Head Rail, Add	*151.74*	
		For 8" Wide Head Rail, Add	*207.10*	
		For 10" Wide Head Rail, Add	*255.30*	
		For 12" Wide Head Rail, Add	*307.07*	
		For 18" Wide, 1/2" Thick Bench, Add	*156.64*	
		For 24" Wide, 1/2" Thick Bench, Add	*196.64*	

10 21 23 Cubicle Curtains and Track *(10 21)*

10 21 23 13 Cubicle Curtains *(10 21 23)*

10 21 23 13-0001 Hospital Curtains With Nylon Mesh Tops *(10 21 23 13)*

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	21.90	0.99
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	23.23	0.99
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	24.91	0.99
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	26.26	0.99
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	27.61	0.99
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	30.20	0.99

10 21 23 16 Cubicle Track and Hardware *(10 21 23)*

10 21 23 16-0001 Hospital Bendable Curtain Track *(10 21 23 16)*

10 21 23 16-0002	EA	105', Bendable Curtain Track (InPro 115237)	1,407.69	100.17
10 21 23 16-0003	EA	16', Bendable Curtain Track (InPro 115236)	278.76	57.21
10 21 23 16-0004	EA	8', Bendable Curtain Track (InPro 115235)	160.17	38.14

10 21 23 16-0005 Hospital Cubicle Curtain Channel Track *(10 21 23 16)*

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings.

10 21 23 16-0006	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	23.43	5.25
10 21 23 16-0007	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	37.27	5.77

10 21 23 16-0008 Hospital IV Tracks *(10 21 23 16)*

10 21 23 16-0009	LF	Oval Hospital Partition IV Track	22.27	3.30
10 21 23 16-0010	EA	Hospital Partition IV Trolley	120.64	13.75
10 21 23 16-0011	EA	5 Hook Tree, Hospital Partition IV Pendant	480.31	13.75

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.14	1.44
		For 5' Wide Panels, Add	*0.56*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.66	1.73
		For 5' Wide Panels, Add	*0.61*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	23.78	2.02
		For 5' Wide Panels, Add	*0.99*	

10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.65	1.73
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.18	2.02
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.94	2.31

10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,344.99	303.13
		For 8 Gauge, Add	*141.12*	
		For 6 Gauge, Add	*282.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,418.52	334.88
		For 8 Gauge, Add	*145.80*	
		For 6 Gauge, Add	*291.60*	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,549.30	346.43
		For 8 Gauge, Add	*163.11*	
		For 6 Gauge, Add	*326.22*	
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,689.67	375.30
		For 8 Gauge, Add	*178.39*	
		For 6 Gauge, Add	*356.78*	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,748.38	398.40
		For 8 Gauge, Add	*182.58*	
		For 6 Gauge, Add	*365.16*	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,922.29	421.49
		For 8 Gauge, Add	*204.05*	
		For 6 Gauge, Add	*408.09*	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,065.93	453.25
		For 8 Gauge, Add	*219.24*	
		For 6 Gauge, Add	*438.48*	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,246.59	473.46
		For 8 Gauge, Add	*242.30*	
		For 6 Gauge, Add	*484.60*	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,267.18	485.00
		For 8 Gauge, Add	*243.08*	
		For 6 Gauge, Add	*486.15*	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,500.21	513.87
		For 8 Gauge, Add	*272.26*	
		For 6 Gauge, Add	*544.52*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	918.31	178.99
		For 8 Gauge, Add	*99.25*	
		For 6 Gauge, Add	*198.51*	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	987.65	202.09
		For 8 Gauge, Add	*107.73*	
		For 6 Gauge, Add	*215.46*	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,058.33	213.63
		For 8 Gauge, Add	*116.02*	
		For 6 Gauge, Add	*232.05*	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,045.38	230.96
		For 8 Gauge, Add	*110.62*	
		For 6 Gauge, Add	*221.23*	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,118.56	242.50
		For 8 Gauge, Add	*119.28*	
		For 6 Gauge, Add	*238.57*	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,168.82	254.05
		For 8 Gauge, Add	*124.51*	
		For 6 Gauge, Add	*249.03*	

10 22 13 00-0028 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,451.35	288.69
		For 8 Gauge, Add	*159.96*	
		For 6 Gauge, Add	*319.93*	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,570.22	306.02
		For 8 Gauge, Add	*174.33*	
		For 6 Gauge, Add	*348.66*	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,689.07	323.34
		For 8 Gauge, Add	*188.69*	
		For 6 Gauge, Add	*377.39*	
10 22 13 00-0032	EA	8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,813.00	346.43
		For 8 Gauge, Add	*202.66*	
		For 6 Gauge, Add	*405.33*	
10 22 13 00-0033	EA	8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,983.47	363.75
		For 8 Gauge, Add	*224.77*	
		For 6 Gauge, Add	*449.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0034	EA	8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,151.98	381.08
		For 8 Gauge, Add	*246.58*	
		For 6 Gauge, Add	*493.16*	

10 22 13 00-0035 Dutch Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0036	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,239.36	178.99
		For 8 Gauge, Add	*147.41*	
		For 6 Gauge, Add	*294.82*	
10 22 13 00-0037	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,314.42	202.09
		For 8 Gauge, Add	*156.75*	
		For 6 Gauge, Add	*313.49*	
10 22 13 00-0038	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,353.36	213.63
		For 8 Gauge, Add	*160.28*	
		For 6 Gauge, Add	*320.55*	
10 22 13 00-0039	EA	3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,426.90	242.50
		For 8 Gauge, Add	*165.54*	
		For 6 Gauge, Add	*331.07*	
10 22 13 00-0040	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,371.07	230.96
		For 8 Gauge, Add	*159.47*	
		For 6 Gauge, Add	*318.94*	
10 22 13 00-0041	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,454.46	242.50
		For 8 Gauge, Add	*169.67*	
		For 6 Gauge, Add	*339.34*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	154.62	18.37
		For >9, Add 19.33		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	135.49	14.63
		For >9, Add 16.94		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	116.38	11.00
		For >9, Add 14.55		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	286.66	14.63
		For >9, Add 35.83		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	425.72	15.73
		For >9, Add 53.22		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	237.10	18.37
		For >9, Add 29.64		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	296.46	20.02
		For >9, Add 37.06		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	49.60	2.75
		For Acoustical Partitions, Add	*4.42*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	62.28	4.62
		For Acoustical Partitions, Add	*5.30*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	52.93	2.86
		For Acoustical Partitions, Add	*4.72*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	75.64	3.96
		For Acoustical Partitions, Add	*6.78*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001 Demountable Gypsum Partitions *(10 22 19 53)*

10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	155.52	18.37
		For >9, Add 19.44		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	280.77	20.02
		For >9, Add 35.10		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	301.41	22.00
		For >9, Add 37.68		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	192.88	18.37
		For >9, Add 24.11		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	320.03	20.02
		For >9, Add 40.00		

10 22 23 Portable Partitions, Screens, and Panels *(10 22)*

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 13 Wall Screens *(10 22 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 13-0001		Privacy Screens, Free Standing *(10 22 23 13)*		
10 22 23 13-0002	EA	62-1/2" Wide x 70" High, Single Panel, PVC Frame, Stationary, Privacy Screen With Blue Flame Retardant Anti-microbial Fabric (DQE MC4022)	230.86	26.20
10 22 23 13-0003	EA	62-1/2" Wide x 66" High, Single Panel, PVC Frame, Stationary, Privacy Screen With Blue Vinyl PVC Fabric (DQE MC5032)	489.52	26.20
10 22 23 13-0004	EA	62" Wide x 74" High, Four Panel, PVC Frame, Stationary, Privacy Screen With Blue Flame Retardant Anti-microbial Fabric (DQE MCK5022)	859.05	36.68
10 22 23 13-0005	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Vinyl Fabric (R&B Wire Products PSS-3C)	460.18	31.43
10 22 23 13-0006	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Anti-microbial Vinyl Fabric (R&B Wire Products PSS-3CUS)	433.04	31.43
10 22 23 13-0007	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue Flame Retardant Anti-microbial Fabric (R&B Wire Products PSS-3C/AM/BF)	742.61	31.43
10 22 23 13-0008	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue Flame Retardant Anti-microbial Vinyl Fabric (R&B Wire Products PSS-3/AML/PB)	508.97	31.43
10 22 23 13-0009	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Anti-microbial Vinyl Fabric (R&B Wire Products PSS-3/AML/WHT)	508.97	31.43
10 22 23 13-0010	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Beige Flame Retardant Anti-microbial Vinyl Fabric (R&B Wire Products PSS-3/AML/C)	508.97	31.43
10 22 23 13-0011	EA	81" Wide x 67" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue, Beige, Green Or Mauve Flame Retardant Anti-microbial Fabric (R&B Wire Products PSS-3C/AM/BF-M-BGF or GG)	742.61	31.43
10 22 23 13-0012	EA	81" Wide x 67" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Vinyl Fabric (R&B Wire Products PSS-3US)	422.13	31.43
10 22 23 23		**Movable Panel Systems** *(10 22 23)*		
10 22 23 23-0001		Portable Partitions *(10 22 23 23)*		
10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	297.66	8.80
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	317.30	9.79
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	377.23	11.77
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	219.36	5.06
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	232.83	5.83
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	261.71	7.04
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	223.12	5.39
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	396.90	9.79
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	436.19	11.77
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	231.48	6.71
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	263.35	7.81
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	212.20	5.83
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	238.13	7.04
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	352.68	9.79
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	397.87	11.77
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	358.57	9.79
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	436.19	11.77
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	277.05	5.83
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	311.83	7.04
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	292.40	5.39
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	348.82	6.38
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	169.58	6.71
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	199.97	7.81
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	180.64	7.04
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	131.73	5.39
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	214.55	7.04
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	244.62	7.37
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	197.09	7.15
10 22 23 23-0030		Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)* Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.65	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.34	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	541.08	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	625.81	
10 22 23 23-0035	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,225.01	
10 22 23 23-0036	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	247.03	
10 22 23 23-0037	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	331.05	
10 22 23 23-0038	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.26	
10 22 23 23-0039	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	204.67	
10 22 23 23-0040	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,467.11	
10 22 23 23-0041	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	204.67	
10 22 23 23-0042	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,103.96	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.76	
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.67	
10 22 23 23-0045		Adjustable Barrier Panel System (Starc Systems, Inc.) *(10 22 23 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0046	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc S3-WM-12) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	832.35	
10 22 23 23-0047	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-WM-18) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	937.50	
10 22 23 23-0048	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc S3-WM-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,032.34	
10 22 23 23-0049	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 32" Wide (Starc S3-WM-32) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,095.60	
10 22 23 23-0050	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 42" Wide (Starc S3-WM-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,253.68	
10 22 23 23-0051	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-AIR-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,348.54	
10 22 23 23-0052	EA	Containment Wall/Dust Barrier, 42" Hinged Door (Starc S3-HD-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset it not included.	1,980.91	
10 22 23 23-0053	EA	Containment Wall/Dust Barrier, 42" Hinged Door With Handleset And Closer (Starc S3-HD-42H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,676.51	
10 22 23 23-0054	EA	Containment Wall/Dust Barrier, 54" Hinged Door With Handleset And Closer (Starc S3-HD-54H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,929.46	
10 22 23 23-0055	EA	Containment Wall/Dust Barrier, 42" Sliding Door With ICU Latch (Starc S3-SD-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	3,055.93	
10 22 23 23-0056	EA	Containment Wall/Dust Barrier, 54" Sliding Door With ICU Latch (Starc S3-SD-54) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	3,245.65	
10 22 23 23-0057	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc S1-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	482.18	
10 22 23 23-0058	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc S1-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	482.18	
10 22 23 23-0059	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Filler Panel Kit (Starc S1-FP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	241.89	
10 22 23 23-0060	EA	Containment Wall/Dust Barrier, Wall Mounted Differential Pressure Monitor (Starc S1-RPM-RT1) Note: Includes installation of wall mounted differential pressure monitor for containment wall.	1,459.53	
10 22 23 23-0061	EA	Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, 9/16" To 15/16" (Starc S1-FGC) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	15.20	
10 22 23 23-0062	EA	Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, Ultraline Grid (Starc S1-FGC-U) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	14.57	
10 22 23 23-0063	EA	Containment Wall/Dust Barrier, Accessories, Flexible Corner, 15 To 90 Degrees (Starc S1-FC) Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.	399.99	
10 22 23 23-0064	EA	Containment Wall/Dust Barrier, Accessories, Right Hand T-Intersection (Starc S1-OT-R) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	589.70	
10 22 23 23-0065	EA	Containment Wall/Dust Barrier, Accessories, Left Hand T-Intersection (Starc S1-OT-L) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	589.70	
10 22 23 23-0066	EA	Containment Wall/Dust Barrier, Accessories, T-Intersection Bracket (Starc S1-IT) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection bracket.	241.89	
10 22 23 23-0067	EA	Containment Wall/Dust Barrier, Accessories, Quad Screw Joiner Plate (Starc S1-JP) Note: Includes installation of quad screw joiner plate for containment barrier.	13.93	
10 22 23 23-0068	EA	Containment Wall/Dust Barrier, Accessories, Floor Panel Brace (Starc S3-FPB) Note: Includes installation of containment barrier floor panel brace.	254.54	
10 22 23 23-0069	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc LB-WM-12) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	516.17	
10 22 23 23-0070	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc LB-WM-18) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	589.70	
10 22 23 23-0071	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc LB-WM-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	652.93	
10 22 23 23-0072	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 36" Wide (Starc LB-WM-36) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	779.40	
10 22 23 23-0073	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 48" Wide (Starc LB-WM-48) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	874.26	
10 22 23 23-0074	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, 24" Wide (Starc LB-AIR-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	969.11	
10 22 23 23-0075	EA	Lightweight Containment Wall/Dust Barrier, 42" Hinged Door (Starc LB-HD-42H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset and closer are included	1,784.88	
10 22 23 23-0076	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc LB-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	336.74	
10 22 23 23-0077	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc LB-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	336.74	
10 22 23 23-0078	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Filler Panel (Starc LB-RFP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	286.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0079	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Filler Panel (Starc LB-LFP)	286.15	
		Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.		
10 22 23 23-0080	EA	Lightweight Containment Wall/Dust Barrier, Accessories, Flexible Corner (Starc LB-FC)	368.36	
		Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.		

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	94.64	5.44
		For <135, Add	*18.93*	
10 22 33 00-0003	SF	20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	96.07	5.63
		For <135, Add	*19.21*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	100.65	5.81
		For <135, Add	*20.13*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	106.84	6.00
		For <135, Add	*21.37*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	108.68	6.17
		For <135, Add	*21.74*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	109.96	6.36
		For <135, Add	*21.99*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	111.22	6.53
		For <135, Add	*22.24*	
10 22 33 00-0009	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	112.76	6.90
		For <135, Add	*22.55*	
10 22 33 00-0010	SF	47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	119.65	6.90
		For <135, Add	*23.93*	
10 22 33 00-0011	SF	50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	126.54	6.90
		For <135, Add	*25.31*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	252.58	22.66
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.93*	
		For 49 STC, Add	*15.15*	
		For 52 STC, Add	*22.95*	
10 22 43 00-0003	SF	>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	234.79	18.25
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.68*	
		For 49 STC, Add	*14.82*	
		For 52 STC, Add	*22.46*	
10 22 43 00-0004	SF	>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	221.68	15.15
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.43*	
		For 49 STC, Add	*14.51*	
		For 52 STC, Add	*21.98*	
10 22 43 00-0005	SF	Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	215.44	15.92
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.87*	
		For 49 STC, Add	*13.79*	
		For 52 STC, Add	*20.90*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	201.80	12.94
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.56*	
		For 49 STC, Add	*13.40*	
		For 52 STC, Add	*20.31*	
10 22 43 00-0007	SF	>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	193.72	11.65
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.30*	
		For 49 STC, Add	*13.08*	
		For 52 STC, Add	*19.81*	
10 22 43 00-0008	SF	Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	191.42	12.56
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.98*	
		For 49 STC, Add	*12.66*	
		For 52 STC, Add	*19.19*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	181.00	10.74
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.66*	
		For 49 STC, Add	*12.26*	
		For 52 STC, Add	*18.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0010	SF	>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	173.83	9.58
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.41*	
		For 49 STC, Add	*11.95*	
		For 52 STC, Add	*18.11*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	198.44	15.15
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.90*	
		For 49 STC, Add	*12.57*	
		For 52 STC, Add	*19.05*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	183.24	11.52
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.64*	
		For 49 STC, Add	*12.23*	
		For 52 STC, Add	*18.54*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	174.40	9.71
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.42*	
		For 49 STC, Add	*11.95*	
		For 52 STC, Add	*18.11*	

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	7.86	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.70*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	8.37	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.73*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	11.18	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	14.70	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.04*	
10 26 13 00-0009	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Acrovyn VA-3/4N)	9.08	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.76*	
10 26 13 00-0010	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Acrovyn VA-200N)	10.89	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.85*	
10 26 13 00-0011	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Acrovyn)	14.81	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.05*	
10 26 13 00-0012	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Acrovyn)	16.31	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.12*	

10 26 13 00-0013 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0014	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	14.07	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.01*	
10 26 13 00-0015	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Acrovyn VA-200N)	11.49	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.88*	

10 26 13 00-0016 Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*
Note: Includes closure caps.

10 26 13 00-0017 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0016)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0018		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0017)*		
10 26 13 00-0019	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	14.39	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.18*	
		For Recycled Vinyl Retainer, Deduct	*-1.15*	
10 26 13 00-0020	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	15.95	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.26*	
		For Recycled Vinyl Retainer, Deduct	*-1.46*	
10 26 13 00-0021	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	17.52	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.34*	
		For Recycled Vinyl Retainer, Deduct	*-1.77*	
10 26 13 00-0022	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SSM-20AN)	20.10	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.47*	
10 26 13 00-0023	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SM-20AN)	25.58	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.74*	
10 26 13 00-0024	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SM-10AN)	24.43	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.68*	
10 26 13 00-0025		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0017)*		
10 26 13 00-0026	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	20.45	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.48*	
		For Recycled Vinyl Retainer, Deduct	*-2.36*	
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SM-20MN)	28.45	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.88*	
10 26 13 00-0028		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0017)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	28.96	6.92
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-4.04*	
		For >200, Deduct	*-6.06*	
		For Recycled Vinyl Retainer, Deduct	*-3.48*	
10 26 13 00-0030	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (Acrovyn SSM-25AN)	45.11	6.92
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-4.04*	
		For >200, Deduct	*-6.87*	
10 26 13 00-0031		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0016)*		
10 26 13 00-0032		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0031)*		
10 26 13 00-0033	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	18.89	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.40*	
		For Up To 2 HR Fire Rated, Add	*7.17*	
10 26 13 00-0034	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	22.61	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.59*	
		For Up To 2 HR Fire Rated, Add	*9.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0035	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	21.01	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.51*	
		For Up To 2 HR Fire Rated, Add	*8.65*	
10 26 13 00-0036	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SFS-10N)	27.87	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.85*	
10 26 13 00-0037	LF	2" Wing, 90 Degree Angle, Flush Mounted, Fire Rated, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn SFS-20RN)	57.13	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-6.32*	
10 26 13 00-0038	LF	3" Wing, 90 Degree Angle, Flush Mounted, Fire Rated, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn FS-20RN)	60.58	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-6.49*	
10 26 13 00-0039	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Fire Rated, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn FS-10RN)	59.14	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-6.42*	

10 26 13 00-0040 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0031)*

10 26 13 00-0041	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	24.19	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.67*	
		For Up To 2 HR Fire Rated, Add	*10.88*	
10 26 13 00-0042	LF	3" Wing, 135 Degree Angle, Flush Mounted, Fire Rated, Rigid Vinyl Corner Guard With Aluminum Retainer (Acrovyn FS-10MRN)	80.37	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-7.48*	

10 26 13 00-0043 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0031)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

10 26 13 00-0044	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	50.06	6.92
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-4.04*	
		For >200, Deduct	*-7.12*	
		For Up To 2 HR Fire Rated, Add	*26.96*	

10 26 13 00-0045 Flexible Vinyl Corner Guards *(10 26 13 00-0001)*

Note: Includes adhesive for installation.

10 26 13 00-0046 Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0045)*

10 26 13 00-0047 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0046)*

10 26 13 00-0048	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	10.60	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.84*	
		For Bolting To Concrete Or Masonry, Add	*2.46*	
10 26 13 00-0049	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	13.39	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.98*	
		For Bolting To Concrete Or Masonry, Add	*2.87*	
10 26 13 00-0050	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	15.66	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.09*	
		For Bolting To Concrete Or Masonry, Add	*3.21*	

10 26 13 00-0051 Polycarbonate Corner Guards *(10 26 13)*

10 26 13 00-0052 Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0051)*

10 26 13 00-0053 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0052)*

10 26 13 00-0054	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	7.23	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0055	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	8.60	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.74*	
10 26 13 00-0056	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	10.19	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.82*	
10 26 13 00-0057	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	11.16	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0058	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	10.80	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.85*	
10 26 13 00-0059	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Acrovyn LG034)	7.78	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.70*	
10 26 13 00-0060	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Acrovyn LG118)	9.50	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.78*	
10 26 13 00-0061	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Acrovyn LG200)	13.23	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.97*	
10 26 13 00-0062	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Acrovyn LG250)	14.95	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.06*	
10 26 13 00-0063		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0052)*		
10 26 13 00-0064	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	11.16	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0065		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0066		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0065)*		
10 26 13 00-0067		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0066)*		
10 26 13 00-0068	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	10.00	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.81*	
10 26 13 00-0069	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	11.85	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.90*	
10 26 13 00-0070	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	12.99	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0071		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0066)*		
10 26 13 00-0072	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	10.00	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.81*	
10 26 13 00-0073	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	11.85	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.90*	
10 26 13 00-0074	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	12.99	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0075		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0076		Steel Angle Iron, Corner Guards *(10 26 13 00-0075)*		
10 26 13 00-0077		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0076)*		
10 26 13 00-0078		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0077)*		
10 26 13 00-0079	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.90	4.16
		For Galvanizing, Add	*2.09*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.42*	
		For >200, Deduct	*-3.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0080	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.23	4.50
		For Galvanizing, Add	*3.06*	
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.63*	
		For >200, Deduct	*-3.81*	
10 26 13 00-0081	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.24	4.67
		For Galvanizing, Add	*3.31*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.98*	
10 26 13 00-0082	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.65	4.85
		For Galvanizing, Add	*3.35*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-4.11*	
10 26 13 00-0083	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	21.75	5.02
		For Galvanizing, Add	*4.68*	
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-4.44*	
10 26 13 00-0084	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	25.86	5.19
		For Galvanizing, Add	*6.02*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-4.75*	
10 26 13 00-0085	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	43.64	6.92
		For Galvanizing, Add	*11.24*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-4.04*	
		For >200, Deduct	*-6.80*	

10 26 13 00-0086 Stainless Steel Corner Guards *(10 26 13)*

10 26 13 00-0087 Stainless Steel Corner Guards *(10 26 13 00-0086)*

Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.

10 26 13 00-0088 Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0089 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0088)*

10 26 13 00-0090	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	11.05	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.86*	
10 26 13 00-0091	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	12.68	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.94*	
10 26 13 00-0092	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	16.91	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.15*	
10 26 13 00-0093	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	16.91	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.15*	
10 26 13 00-0094	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Acrovyn C-08MOD)	13.23	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-2.97*	
10 26 13 00-0095	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Acrovyn C-08MOD)	19.83	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.30*	
10 26 13 00-0096	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Acrovyn C-08)	33.31	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.97*	
10 26 13 00-0097	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Acrovyn CO8 Series A230)	59.21	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-5.27*	
10 26 13 00-0098	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, PVC-free, Stainless Steel Corner Guard (Acrovyn SM Series)	47.63	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-4.69*	

10 26 13 00-0099 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0088)*

10 26 13 00-0100	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	16.91	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.15*	
10 26 13 00-0101	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	16.91	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0102	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Acrovyn C-08)	33.89	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-4.00*	

10 26 13 00-0103 Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0086)*

10 26 13 00-0104 Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0103)*

10 26 13 00-0105 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0104)*

10 26 13 00-0106	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	20.74	4.16
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.42*	
		For >200, Deduct	*-3.81*	
10 26 13 00-0107	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	33.71	4.50
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.63*	
		For >200, Deduct	*-4.69*	
10 26 13 00-0108	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	46.60	4.67
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.45*	
10 26 13 00-0109	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	43.66	4.85
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-5.42*	
10 26 13 00-0110	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	61.79	5.02
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-6.44*	
10 26 13 00-0111	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	57.25	5.19
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.03*	
		For >200, Deduct	*-6.32*	

10 26 13 00-0112 Rubber Corner Guards *(10 26 13)*

Note: Includes adhesive for installation.

10 26 13 00-0113 Natural Rubber Corner Guards *(10 26 13 00-0112)*

10 26 13 00-0114 Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0113)*

10 26 13 00-0115 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0114)*

10 26 13 00-0116	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	47.62	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-4.69*	
		For Bolting To Concrete Or Masonry, Add	*8.01*	

10 26 13 00-0117 Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0112)*

10 26 13 00-0118 Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0117)*

10 26 13 00-0119 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0118)*

10 26 13 00-0120	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	21.85	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.40*	
		For Bolting To Concrete Or Masonry, Add	*4.14*	

10 26 13 00-0121 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0112)*

10 26 13 00-0122 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0121)*

10 26 13 00-0123 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0122)*

10 26 13 00-0124	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	19.26	3.46
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-3.27*	
		For Bolting To Concrete Or Masonry, Add	*3.75*	

10 26 16 Bumper Guards *(10 26)*

10 26 16 13 Bumper Rails *(10 26 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0001		**Crash Rails** *(10 26 16 13)* Note: Includes end caps.		
10 26 16 13-0002		**Polycarbonate Crash Rails** *(10 26 16 13-0001)*		
10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	12.65	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.33*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	13.86	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.39*	
10 26 16 13-0005		**Aluminum Crash Rails** *(10 26 16 13-0001)*		
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	34.92	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-5.44*	
10 26 16 13-0007		**Stainless Steel Crash Rails** *(10 26 16 13-0001)*		
10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	60.61	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-6.73*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	47.76	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-6.08*	
10 26 16 13-0010		**Wall Guards** *(10 26 16 13)*		
10 26 16 13-0011		**Rigid Vinyl Wall Guards With Aluminum Retainers** *(10 26 16 13-0010)* Note: Includes end caps.		
10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	12.90	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-3.88*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	15.64	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.48*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	16.84	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.54*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	17.49	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.57*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	20.73	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-4.96*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	20.83	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-4.97*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	21.41	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-4.99*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	25.60	5.19
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-5.44*	
10 26 16 13-0020		**Rubber Wall Guards** *(10 26 16 13-0010)*		
10 26 16 13-0021		**D-Shaped, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	17.00	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-4.08*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	24.65	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-4.93*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	35.76	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-5.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	49.75	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-6.18*	
10 26 16 13-0026		**Rectangular, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	38.25	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-5.84*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	48.02	5.19
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-6.56*	
10 26 16 13-0029		**Wing Type, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	61.89	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-6.79*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	65.74	4.61
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.23*	
		For >200, Deduct	*-6.98*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	30.53	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-4.76*	
10 26 16 13-0033		**U-Shaped, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	52.51	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-6.55*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	58.61	4.91
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 200, Deduct	*-3.43*	
		For >200, Deduct	*-6.85*	
10 26 16 13-0036		**Accent Rails** *(10 26 16 13)*		
		Note: Includes end caps.		
10 26 16 13-0037		**Oval, Rigid Vinyl Accent Rails With Aluminum Retainers** *(10 26 16 13-0036)*		
10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	15.00	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-3.98*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	15.02	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-3.98*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	20.94	4.04
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-4.28*	
10 26 16 16		**Protective Corridor Handrails** *(10 26 16)*		
10 26 16 16-0001		**Protective Corridor Handrails** *(10 26 16 16)*		
10 26 16 16-0002		**Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers** *(10 26 16 16-0001)*		
10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	33.38	8.65
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-8.59*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	28.79	8.65
		For >25 To 50, Deduct	*-4.33*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-8.36*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	47.15	8.65
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-9.28*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	37.97	8.65
		For >25 To 50, Deduct	*-4.33*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-8.82*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	49.44	8.65
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-9.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	54.03	8.65
		For >25 To 50, Deduct	*-4.33*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-9.63*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	65.51	8.65
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-10.20*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	72.39	8.65
		For >25 To 50, Deduct	*-4.33*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-10.54*	

10 26 16 16-0011 Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*

10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	88.46	8.65
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-11.35*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	90.75	8.65
		For >25 To 50, Deduct	*-4.33*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-11.46*	

10 26 16 16-0014 Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*

Note: Includes end caps.

10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	29.89	6.54
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 200, Deduct	*-4.58*	
		For >200, Deduct	*-6.73*	
		For Maple, Add	*0.50*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	35.56	6.97
		For >50 To 100, Deduct	*-3.49*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-7.36*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	26.30	6.54
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 200, Deduct	*-4.58*	
		For >200, Deduct	*-6.55*	
		For Maple, Add	*5.68*	
		For Oak, Add	*6.35*	

10 26 16 16-0018 Protective Corridor Handrails (Korseal) *(10 26 16 16)*

10 26 16 16-0019	EA	XT2000+ Primer (1 Gal) (Korseal DS11)	37.88	
10 26 16 16-0020	EA	XT2000+ Primer (5 Gal) (Korseal DS15)	150.07	
10 26 16 16-0021	EA	Super Tek XT-2000+ Mastic Adhesive (5 Gal) (Korseal MA15)	220.81	
10 26 16 16-0022	LF	5 1/2" Stainless Steel Crash Rail - V Groove Face (Korseal CS55)	42.37	8.65
10 26 16 16-0023	EA	Bracket For 5-1/2" Stainless Steel Crash Rail (Korseal CS5B)	16.37	5.19
10 26 16 16-0024	EA	5 1/2" Stainless Steel Crash Rail End (Korseal CS5E)	46.43	5.77
10 26 16 16-0025	LF	2" Surface Mount Corner Guard (Korseal G100)	21.70	8.65
10 26 16 16-0026	EA	2" Surface Mount End Cap (Korseal G101)	9.23	5.19
10 26 16 16-0027	LF	2" Surface Mount Partition End (Korseal G110)	19.16	5.77
10 26 16 16-0028	LF	2" X 2" Stainless Steel Corner Guard (Korseal GS20)	26.20	8.65
10 26 16 16-0029	LF	2" X 8" X 2" Stainless Steel Partition (Korseal GS20E)	42.81	8.65
10 26 16 16-0030	LF	6" Handrail, ADA Compliant (Korseal H600)	32.10	8.65
10 26 16 16-0031	EA	6" Handrail, End, Right (Korseal H621)	31.12	5.19
10 26 16 16-0032	EA	6" Handrail, End, Left (Korseal H622)	31.12	5.19
10 26 16 16-0033	EA	6" Handrail, 90 Degree Corner (Korseal H623)	30.50	5.19
10 26 16 16-0034	LF	J Molding For 0.028"-0.080", 10' Lengths (Korseal M082)	6.38	2.89
10 26 16 16-0035	LF	Inside Corner For 0.028"-0.080", 10' Lengths (Korseal M083)	6.38	2.89
10 26 16 16-0036	LF	Outside Corner For 0.028"-0.080", 10' Lengths (Korseal M085)	6.38	2.89
10 26 16 16-0037	LF	Divider Bar For 0.060"-0.080", 10' Lengths (Korseal M088)	6.38	2.89
10 26 16 16-0038	SF	0.060" 48" X 96" Sheet (Korseal W302)	4.86	1.15
10 26 16 16-0039	SF	0.060" 48" X 120" Sheet (Korseal W306)	4.86	1.15
10 26 16 16-0040	SF	0.060" Special Size Sheets (Korseal W308)	4.86	1.15

10 26 23 Protective Wall Covering *(10 26)*

10 26 23 13 Impact Resistant Wall Protection *(10 26 23)*

10 26 23 13-0001 Impact Resistant Wall Protection *(10 26 23 13)*

Note: Includes standard trim.

10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	8.33	2.89
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	8.64	2.89
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	10.44	2.89
10 26 23 13-0005	SF	0.10" Thickness, 4' Width, Semi-rigid Wall Cladding (Altro Whiterock Standard White 3/4)	10.07	2.09
10 26 23 13-0006	SF	0.040" Thickness, 4' Width, Semi-rigid Wall Covering (C-S Group Acrovyn 4000-949)	8.86	2.09
10 26 23 13-0007	SF	0.060" Thickness, 4' Width, Semi-rigid Wall Covering (C-S Group Acrovyn 4000-949)	11.29	2.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0008		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)* Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0009		"L" Design *(10 26 23 13-0008)*		
10 26 23 13-0010		L-Shield *(10 26 23 13-0009)*		
10 26 23 13-0011	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Diameter Pipe	17.09	2.89
10 26 23 13-0012	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Diameter Pipe	19.67	4.04
10 26 23 13-0013	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Diameter Pipe	25.84	5.19
10 26 23 13-0014	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Diameter Pipe	35.61	6.35
10 26 23 13-0015		"Combo" Hanger *(10 26 23 13-0009)*		
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 3/4" Diameter Pipe	18.45	5.78
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 1" Diameter Pipe	21.31	6.93
10 26 23 13-0018	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Diameter Pipe	24.59	8.08
10 26 23 13-0019	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Diameter Pipe	27.30	9.24
10 26 23 13-0020	EA	Combination "Combo" Hanger, L-Support, For 2" Diameter Pipe	30.59	10.39
10 26 23 13-0021		Snap-2 Pipe Hanger *(10 26 23 13-0009)*		
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Diameter Pipe	15.14	5.78
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 1" Diameter Pipe	18.41	6.93
10 26 23 13-0024	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Diameter Pipe	21.41	8.08
10 26 23 13-0025	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Diameter Pipe	24.95	9.24
10 26 23 13-0026	EA	Snap-2 Pipe Hanger, L-Support, For 2" Diameter Pipe	28.65	10.39
10 26 23 13-0027		Coupling *(10 26 23 13-0009)*		
10 26 23 13-0028	EA	Coupling, L-Shield, 1" Shield Size	10.06	2.89
10 26 23 13-0029	EA	Coupling, L-Shield, 1-1/4" Shield Size	14.56	4.04
10 26 23 13-0030	EA	Coupling, L-Shield, 2" Shield Size	21.01	5.19
10 26 23 13-0031	EA	Coupling, L-Shield, 2-1/2" Shield Size	26.37	6.35
10 26 23 13-0032		Coupling, Reducer *(10 26 23 13-0009)*		
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	29.00	3.46
10 26 23 13-0034	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	35.67	4.04
10 26 23 13-0035	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	42.35	4.62
10 26 23 13-0036	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	167.17	5.78
10 26 23 13-0037		Shield Clips *(10 26 23 13-0009)*		
10 26 23 13-0038	EA	Shield Clips, L-Support, 1" Shield Size	6.08	1.73
10 26 23 13-0039	EA	Shield Clips, L-Support, 1-1/4" Shield Size	9.09	2.89
10 26 23 13-0040	EA	Shield Clips, L-Support, 2" Shield Size	11.94	4.04
10 26 23 13-0041	EA	Shield Clips, L-Support, 2-1/2" Shield Size	13.43	5.19
10 26 23 13-0042		Wall Flange *(10 26 23 13-0009)*		
10 26 23 13-0043	EA	Wall Flange, L-Shield, 1" Shield Size	9.78	2.89
10 26 23 13-0044	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	14.01	4.04
10 26 23 13-0045	EA	Wall Flange, L-Shield, 2" Shield Size	20.46	5.19
10 26 23 13-0046	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	86.74	6.35
10 26 23 13-0047		End Cap *(10 26 23 13-0009)*		
10 26 23 13-0048	EA	End Cap, L-Shield, 1" Shield Size	10.22	1.73
10 26 23 13-0049	EA	End Cap, L-Shield, 1-1/4" Shield Size	13.51	2.89
10 26 23 13-0050	EA	End Cap, L-Shield, 2" Shield Size	18.70	4.04
10 26 23 13-0051	EA	End Cap, L-Shield, 2-1/2" Shield Size	88.48	5.19
10 26 23 13-0052		Inside/Outside Corner *(10 26 23 13-0009)*		
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	64.39	5.78
10 26 23 13-0054	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	69.32	6.93
10 26 23 13-0055	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	83.68	8.66
10 26 23 13-0056	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	147.02	10.39
10 26 23 13-0057		Joiner *(10 26 23 13-0009)*		
10 26 23 13-0058	LF	Joiner, L-Shield	13.26	1.73
10 26 23 13-0059		"U" Design *(10 26 23 13-0008)*		
10 26 23 13-0060		U-Shield *(10 26 23 13-0059)*		
10 26 23 13-0061	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Diameter Pipe	20.68	2.89
10 26 23 13-0062	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Diameter Pipe	25.74	4.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0063	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Diameter Pipe	32.88	4.04
10 26 23 13-0064		**"Combo" Hanger** *(10 26 23 13-0059)*		
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 3/4" Diameter Pipe	15.83	5.78
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 1" Diameter Pipe	18.83	6.93
10 26 23 13-0067	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Diameter Pipe	21.69	8.08
10 26 23 13-0068	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Diameter Pipe	26.89	9.24
10 26 23 13-0069	EA	Combination "Combo" Hanger, U-Support For 2" Diameter Pipe	30.45	10.39
10 26 23 13-0070		**Snap-2 Pipe Hanger** *(10 26 23 13-0059)*		
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Diameter Pipe	14.86	5.78
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 1" Diameter Pipe	18.14	6.93
10 26 23 13-0073	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Diameter Pipe	22.10	8.08
10 26 23 13-0074	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Diameter Pipe	24.68	9.24
10 26 23 13-0075	EA	Snap-2 Pipe Hanger, U-Support, For 2" Diameter Pipe	28.52	10.39
10 26 23 13-0076		**Coupling** *(10 26 23 13-0059)*		
10 26 23 13-0077	EA	Coupling, U-Shield, 1" Shield Size	11.99	2.89
10 26 23 13-0078	EA	Coupling, U-Shield, 1-1/4" Shield Size	14.98	4.04
10 26 23 13-0079	EA	Coupling, U-Shield, 2" Shield Size	18.25	5.19
10 26 23 13-0080		**Coupling, Reducer** *(10 26 23 13-0059)*		
10 26 23 13-0081	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	34.52	3.46
10 26 23 13-0082	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	41.19	4.04
10 26 23 13-0083	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	43.73	4.62
10 26 23 13-0084		**Shield Clips** *(10 26 23 13-0059)*		
10 26 23 13-0085	EA	Shield Clips, U-Support, 1" Shield Size	5.53	1.73
10 26 23 13-0086	EA	Shield Clips, U-Support, 1-1/4" Shield Size	8.13	2.89
10 26 23 13-0087	EA	Shield Clips, U-Support, 2" Shield Size	10.70	4.04
10 26 23 13-0088		**Wall Flange** *(10 26 23 13-0059)*		
10 26 23 13-0089	EA	Wall Flange, U-Shield, 1" Shield Size	11.57	2.89
10 26 23 13-0090	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	14.84	4.04
10 26 23 13-0091	EA	Wall Flange, U-Shield, 2" Shield Size	18.12	5.19
10 26 23 13-0092		**End Cap** *(10 26 23 13-0059)*		
10 26 23 13-0093	EA	End Cap, U-Shield, 1" Shield Size	10.91	1.73
10 26 23 13-0094	EA	End Cap, U-Shield, 1-1/4" Shield Size	14.61	2.89
10 26 23 13-0095	EA	End Cap, U-Shield, 2" Shield Size	18.15	4.04
10 26 23 13-0096		**Inside/Outside Corner** *(10 26 23 13-0059)*		
10 26 23 13-0097	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	81.08	5.78
10 26 23 13-0098	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	90.15	6.93
10 26 23 13-0099	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	106.58	8.66
10 26 23 13-0100		**Elbow** *(10 26 23 13-0059)*		
10 26 23 13-0101	EA	Elbow, U-Shield, 1" Shield Size	79.56	5.78
10 26 23 13-0102	EA	Elbow, U-Shield, 1-1/4" Shield Size	87.39	6.93
10 26 23 13-0103	EA	Elbow, U-Shield, 2" Shield Size	103.96	8.66
10 26 23 13-0104		**Tee** *(10 26 23 13-0059)*		
10 26 23 13-0105	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	100.51	8.66
10 26 23 13-0106	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	111.71	10.39
10 26 23 13-0107	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	130.39	12.71
10 26 23 13-0108	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	132.77	9.82
10 26 23 13-0109	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	143.03	12.12
10 26 23 13-0110		**Cross** *(10 26 23 13-0059)*		
10 26 23 13-0111	EA	Cross, U-Shield, 1" Shield Size	182.43	11.55
10 26 23 13-0112	EA	Cross, U-Shield, 1-1/4" Shield Size	204.31	13.86
10 26 23 13-0113	EA	Cross, U-Shield, 2" Shield Size	248.21	17.32
10 26 23 13-0114	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	250.55	12.71
10 26 23 13-0115	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	275.37	15.59
10 26 23 13-0116		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0008)*		
10 26 23 13-0117		**Coupling Transition** *(10 26 23 13-0116)*		
10 26 23 13-0118	EA	Transition Coupling, 1" x 1", LxU or UxL	30.89	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	34.84	4.04
10 26 23 13-0120	EA	Transition Coupling, 2" x 2", LxU or UxL	43.36	5.19
10 26 23 13-0121	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	34.94	3.46
10 26 23 13-0122	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	43.45	4.62
10 26 23 13-0123	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	175.03	5.78
10 26 23 13-0124		**Elbow Transition** *(10 26 23 13-0116)*		
10 26 23 13-0125	EA	Transition Elbow, 1" x 1" (UxL)	107.29	5.78
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	116.23	6.93
10 26 23 13-0127	EA	Transition Elbow, 2" x 2" (UxL)	136.24	8.66
10 26 23 13-0128	EA	Transition Elbow, 1" x 1-1/4" (UxL)	167.23	6.35
10 26 23 13-0129	EA	Transition Elbow, 1-1/4" x 1" (UxL)	118.11	6.35
10 26 23 13-0130	EA	Transition Elbow, 1-1/4" x 2" (UxL)	176.48	8.08
10 26 23 13-0131	EA	Transition Elbow, 2" x 1-1/4" (UxL)	136.61	8.08
10 26 23 13-0132	EA	Transition Elbow, 2" x 2-1/2" (UxL)	212.17	9.24
10 26 23 13-0133		**Tee Transition** *(10 26 23 13-0116)*		
10 26 23 13-0134	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	122.72	8.66
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	141.92	10.39
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	165.02	12.71
10 26 23 13-0137	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	129.59	9.82
10 26 23 13-0138	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	204.05	10.97
10 26 23 13-0139	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	144.28	12.12
10 26 23 13-0140	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	197.18	14.43
10 26 23 13-0141		**Fittings (L Or U)** *(10 26 23 13-0008)*		
10 26 23 13-0142		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0141)*		
10 26 23 13-0143	EA	1/2" Diameter Steel Pipe, Hugger Hanger	12.14	4.62
10 26 23 13-0144	EA	3/4" Diameter Steel Pipe, Hugger Hanger	15.14	5.78
10 26 23 13-0145	EA	1" Diameter Steel Pipe, Hugger Hanger	17.72	6.93
10 26 23 13-0146	EA	1-1/4" Diameter Steel Pipe, Hugger Hanger	20.45	8.08
10 26 23 13-0147	EA	1-1/2" Diameter Steel Pipe, Hugger Hanger	23.02	9.24
10 26 23 13-0148	EA	2" Diameter Steel Pipe, Hugger Hanger	25.89	9.24
10 26 23 13-0149	EA	2-1/2" Diameter Steel Pipe, Hugger Hanger	28.47	11.55
10 26 23 13-0150	EA	3" Diameter Steel Pipe, Hugger Hanger	35.88	12.71
10 26 23 13-0151		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0141)*		
10 26 23 13-0152	EA	1/2" Diameter Copper Pipe, Hugger Hanger	12.28	4.62
10 26 23 13-0153	EA	3/4" Diameter Copper Pipe, Hugger Hanger	15.27	5.78
10 26 23 13-0154	EA	1" Diameter Copper Pipe, Hugger Hanger	17.86	6.93
10 26 23 13-0155	EA	1-1/4" Diameter Copper Pipe, Hugger Hanger	20.58	8.08
10 26 23 13-0156	EA	1-1/2" Diameter Copper Pipe, Hugger Hanger	23.16	9.24
10 26 23 13-0157	EA	2" Diameter Copper Pipe, Hugger Hanger	26.17	10.39
10 26 23 13-0158	EA	2-1/2" Diameter Copper Pipe, Hugger Hanger	28.75	11.55
10 26 23 13-0159	EA	3" Diameter Copper Pipe, Hugger Hanger	36.30	12.71
10 26 23 13-0160		**Shield Extension (L Or U)** *(10 26 23 13-0141)*		
10 26 23 13-0161	LF	Shield Extension	16.15	1.73
10 26 23 13-0162		**Interior Steel Soffit System** *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0163	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	30.44	5.19
		For 22 Gauge Steel, Add	*2.01*	
		For 20 Gauge Steel, Add	*4.29*	
		For 18 Gauge Steel, Add	*8.42*	
		For 16 Gauge Steel, Add	*12.93*	
		For Stainless Steel, Add	*5.01*	
10 26 23 13-0164	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	47.14	14.43
		For Stainless Steel, Add	*4.57*	
10 26 23 13-0165	EA	U-Shield Corner (JG Innovations Soffi-Steel)	121.05	17.32
		For Stainless Steel, Add	*21.31*	
10 26 23 13-0166	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	36.81	8.66
		For Stainless Steel, Add	*4.87*	
10 26 23 13-0167	EA	U-Shield Clip (JG Innovations Soffi-Steel)	7.71	3.46
		For Stainless Steel, Add	*0.20*	
10 26 23 13-0168	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	34.70	5.19
		For 22 Gauge Steel, Add	*1.82*	
		For 20 Gauge Steel, Add	*3.89*	
		For 18 Gauge Steel, Add	*7.54*	
		For 16 Gauge Steel, Add	*12.64*	
		For Stainless Steel, Add	*6.08*	
10 26 23 13-0169	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	47.14	14.43
		For Stainless Steel, Add	*4.57*	
10 26 23 13-0170	EA	L-Shield Corner (JG Innovations Soffi-Steel)	121.05	17.32
		For Stainless Steel, Add	*21.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0171	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	32.20	6.35
		For Stainless Steel, Add	*4.87*	
10 26 23 13-0172	EA	L-Shield Clip (JG Innovations Soffi-Steel)	7.71	3.46
		For Stainless Steel, Add	*0.20*	

10 26 41 Bullet Resistant Panels *(10 26)*

10 26 41 00-0001 Laminated Bullet Resistant Fiberglass Panel *(10 26 41)*

Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.

10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 Lb./SF	22.41	1.63
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 Lb./SF	30.78	1.74
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 Lb./SF	34.82	1.87
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 Lb./SF	37.04	1.98
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 Lb./SF	40.13	2.09
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 Lb./SF	43.20	2.21
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 Lb./SF	73.47	2.67
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 Lb./SF	105.58	4.19
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 Lb./SF	125.61	5.01
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 Lb./SF	151.50	5.46
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 Lb./SF	172.41	5.82

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	112.44	25.96
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	120.07	25.96
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	121.20	25.96
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	123.39	25.96
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	183.68	25.96
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	198.33	25.96
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	216.60	25.96
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	223.27	11.54
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	375.02	25.96
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	442.36	25.96
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	476.52	25.96
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	272.82	25.96
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	158.81	14.43
10 28 13 13-0018	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (American Specialties 6457)	521.02	25.96

10 28 13 13-0019 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	86.43	25.96
10 28 13 13-0021	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	174.07	25.96
10 28 13 13-0022	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	172.89	25.96
10 28 13 13-0023	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	147.69	25.96

10 28 13 13-0024 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0025	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	94.07	25.96

10 28 13 13-0026 Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0027 Plastic Toilet Tissue Dispensers *(10 28 13 13-0026)*

10 28 13 13-0028	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	86.15	25.96
10 28 13 13-0029	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	103.38	25.96
10 28 13 13-0030	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	75.07	25.96
10 28 13 13-0031	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	88.08	25.96
10 28 13 13-0032	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 59209)	97.89	25.96

10 28 13 13-0033 Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0026)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0034	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	78.24	25.96
10 28 13 13-0035	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	78.80	25.96
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	82.76	25.96
10 28 13 13-0037	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	90.11	25.96
10 28 13 13-0038	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	117.24	25.96
10 28 13 13-0039		**Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0026)*		
10 28 13 13-0040	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	67.21	25.96
10 28 13 13-0041	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	183.98	25.96
10 28 13 13-0042	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	108.91	25.96
10 28 13 13-0043	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	103.96	25.96
10 28 13 13-0044	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	112.58	25.96
10 28 13 13-0045	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	146.81	28.85
10 28 13 13-0046	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	112.58	25.96
10 28 13 13-0047	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	146.81	25.96
10 28 13 13-0048	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	157.81	25.96
10 28 13 13-0049	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	244.13	25.96
10 28 13 13-0050	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	244.13	25.96
10 28 13 13-0051	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	104.14	25.96
10 28 13 13-0052	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	121.48	25.96
10 28 13 13-0053	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	77.66	25.96
10 28 13 13-0054	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	130.25	25.96
10 28 13 13-0055	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	182.78	25.96
10 28 13 13-0056	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	190.47	25.96
10 28 13 13-0057	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	241.03	25.96
10 28 13 13-0058	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	222.34	25.96
10 28 13 13-0059	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	343.71	25.96
10 28 13 13-0060	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	149.48	25.96
10 28 13 13-0061	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	138.42	25.96
10 28 13 13-0062	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	112.19	25.96
10 28 13 13-0063	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 9030)	187.95	25.96
10 28 13 13-0064	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0030)	136.92	25.96
10 28 13 13-0065	EA	Twin, Hide-A-Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 20030)	186.53	25.96
10 28 13 13-0066	EA	Twin, 9" Jumbo Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0040)	202.40	25.96
10 28 13 13-0067		**Soap or Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0068	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	102.55	25.96
		For 34 Fluid Ounce (B-822), Add	*4.85*	
10 28 13 13-0069	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	111.03	25.96
		For 34 Fluid Ounce (B-822), Add	*4.85*	
10 28 13 13-0070	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	70.32	25.96
10 28 13 13-0071	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	76.25	25.96
10 28 13 13-0072	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	92.13	25.96
10 28 13 13-0073	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	94.58	25.96
10 28 13 13-0074	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	104.24	25.96
10 28 13 13-0075	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	131.10	25.96
10 28 13 13-0076	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	222.08	25.96
10 28 13 13-0077	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	352.40	25.96
10 28 13 13-0078	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	219.62	25.96
10 28 13 13-0079		**Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0080		**Manual Sanitizer Dispensers** *(10 28 13 13-0079)*		
10 28 13 13-0081	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	81.37	25.96
10 28 13 13-0082	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	82.58	25.96
10 28 13 13-0083	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	82.20	25.96
10 28 13 13-0084		**Automatic Sanitizer Dispensers** *(10 28 13 13-0079)*		
10 28 13 13-0085	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	76.21	25.96
10 28 13 13-0086	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	98.82	25.96
10 28 13 13-0087	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	93.18	25.96
10 28 13 13-0088	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	100.09	25.96
10 28 13 13-0089	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	115.06	25.96
10 28 13 13-0090	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	115.77	25.96
10 28 13 13-0091		**Automatic Floor Stand Sanitizer Dispensers** *(10 28 13 13-0079)*		
10 28 13 13-0092	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	573.82	8.65
10 28 13 13-0093	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	617.11	8.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0094	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	641.31	8.65
10 28 13 13-0095		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0096	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	117.82	25.96
10 28 13 13-0097	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	84.33	25.96
10 28 13 13-0098		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0099	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	69.18	25.96
10 28 13 13-0100	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	91.52	25.96
10 28 13 13-0101	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	161.92	25.96
10 28 13 13-0102	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	170.35	25.96
10 28 13 13-0103	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	334.03	25.96
10 28 13 13-0104	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Georgia Pacific GP-57710)	63.41	25.96
10 28 13 13-0105		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0106	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	531.26	25.96
10 28 13 13-0107	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	324.34	25.96
10 28 13 13-0108		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0109	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	655.53	25.96
10 28 13 13-0110	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	498.90	25.96
10 28 13 13-0111	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	664.15	25.96
10 28 13 13-0112	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	503.37	25.96
10 28 13 13-0113	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	442.80	25.96
10 28 13 13-0114	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	580.88	25.96
10 28 13 13-0115		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0116	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	464.93	57.70
10 28 13 13-0117	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	518.82	57.70
10 28 13 13-0118	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	430.68	57.70
10 28 13 13-0119	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	605.34	57.70
10 28 13 13-0120	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	622.01	57.70
10 28 13 13-0121	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	715.03	57.70
10 28 13 13-0122	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	670.54	57.70
10 28 13 13-0123		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0124		**Wall Mounted Waste Receptacles** *(10 28 13 13-0123)*		
10 28 13 13-0125	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	104.20	25.96
10 28 13 13-0126	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	172.09	25.96
10 28 13 13-0127	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	397.55	57.70
10 28 13 13-0128	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	588.66	57.70
10 28 13 13-0129	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	466.81	57.70
10 28 13 13-0130	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (American Specialties 0458)	340.24	57.70
10 28 13 13-0131	EA	12 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (American Specialties 0826)	201.03	25.96
10 28 13 13-0132		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0123)*		
10 28 13 13-0133	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	122.76	25.96
10 28 13 13-0134	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	175.20	25.96
10 28 13 13-0135	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	331.85	11.54
10 28 13 13-0136	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	502.05	11.54
10 28 13 13-0137	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	470.33	11.54
10 28 13 13-0138	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	452.29	11.54
10 28 13 13-0139	EA	35 Gallon, Open Top, Satin Aluminum, Floor Standing Waste Receptacle (Rubbermaid Atrium AOT35)	833.10	11.54
10 28 13 13-0140		32-3/4" Height x 18-1/2" Width x 19-1/2" Depth, Soiled Linen Hamper With Wallaby (Centurion CX302) Note: Preassembled	448.63	
10 28 13 13-0141		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0123)*		
10 28 13 13-0142	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	329.70	57.70
10 28 13 13-0143	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	528.44	57.70
10 28 13 13-0144	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	520.53	57.70
10 28 13 13-0145	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	755.32	57.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0146	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,038.79	57.70
10 28 13 13-0147	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	878.44	57.70
10 28 13 13-0148	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	677.74	57.70
10 28 13 13-0149	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,096.12	57.70
10 28 13 13-0150	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	1,014.10	63.48
10 28 13 13-0151	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	682.76	63.48

10 28 13 13-0152 Sanitary Napkin/Tampon Receptacles *(10 28 13 13-0123)*

10 28 13 13-0153	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	96.43	28.85
10 28 13 13-0154	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	189.68	28.85
10 28 13 13-0155	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	206.12	28.85
10 28 13 13-0156	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	478.09	28.85
10 28 13 13-0157	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	254.74	28.85
10 28 13 13-0158	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	444.45	28.85
10 28 13 13-0159	EA	Surface Mounted, Stainless Steel, Dual Access, Sanitary Napkin Disposal (American Specialties 472)	252.61	28.85

10 28 13 13-0160 Grab Bars *(10 28 13 13-0001)*

10 28 13 13-0161 1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0160)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0162	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	95.34	23.08
		For Peened Grip, Add	*4.95*	
10 28 13 13-0163	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	109.39	23.08
		For Peened Grip, Add	*6.21*	
10 28 13 13-0164	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	110.80	23.08
		For Peened Grip, Add	*6.34*	
10 28 13 13-0165	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	111.46	23.08
		For Peened Grip, Add	*6.40*	
10 28 13 13-0166	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	111.64	23.08
		For Peened Grip, Add	*6.41*	
10 28 13 13-0167	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	115.04	23.08
		For Peened Grip, Add	*6.72*	
10 28 13 13-0168	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	120.40	23.08
		For Peened Grip, Add	*7.20*	
10 28 13 13-0169	EA	36" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641275)	132.75	26.19
10 28 13 13-0170	EA	42" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641277)	135.59	26.19

10 28 13 13-0171 1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0160)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0172	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	182.73	23.08
		For Peened Grip, Add	*12.29*	
10 28 13 13-0173	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	186.39	23.08
		For Peened Grip, Add	*12.62*	

10 28 13 13-0174 1-1/2" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0160)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0175	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	108.21	23.08
		For Peened Grip, Add	*6.10*	
10 28 13 13-0176	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	109.39	23.08
		For Peened Grip, Add	*6.21*	
10 28 13 13-0177	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	111.64	23.08
		For Peened Grip, Add	*6.41*	
10 28 13 13-0178	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	113.91	23.08
		For Peened Grip, Add	*6.62*	
10 28 13 13-0179	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	116.73	23.08
		For Peened Grip, Add	*6.87*	
10 28 13 13-0180	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	119.28	23.08
		For Peened Grip, Add	*7.10*	
10 28 13 13-0181	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	125.50	23.08
		For Peened Grip, Add	*7.66*	
10 28 13 13-0182	EA	36" Length, 1-1/2" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641279)	136.30	26.19

10 28 13 13-0183 1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0160)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0184	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	167.45	23.08
		For Peened Grip, Add	*10.92*	
10 28 13 13-0185	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	179.62	23.08
		For Peened Grip, Add	*12.01*	
10 28 13 13-0186	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	156.71	23.08
		For Peened Grip, Add	*9.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0187			**1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0160)* Note: Includes satin finish and mounting for swing up.		
	10 28 13 13-0188	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	482.56	23.08
			For Peened Grip, Add	*39.80*	
10 28 13 13-0189			**Shelves** *(10 28 13 13-0001)*		
	10 28 13 13-0190	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	124.59	25.96
	10 28 13 13-0191	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	127.99	25.96
	10 28 13 13-0192	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	143.54	25.96
	10 28 13 13-0193	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	147.45	25.96
	10 28 13 13-0194	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	141.29	25.96
	10 28 13 13-0195	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	143.13	25.96
	10 28 13 13-0196	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	152.30	25.96
	10 28 13 13-0197	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	165.58	25.96
	10 28 13 13-0198	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	193.66	25.96
	10 28 13 13-0199	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	152.58	25.96
	10 28 13 13-0200	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	155.41	25.96
	10 28 13 13-0201	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	180.30	25.96
	10 28 13 13-0202	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	191.52	25.96
	10 28 13 13-0203	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	208.83	25.96
	10 28 13 13-0204	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	255.92	25.96
	10 28 13 13-0205	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	341.72	25.96
	10 28 13 13-0206	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	160.36	25.96
10 28 13 13-0207			**Changing Stations** *(10 28 13 13-0001)*		
	10 28 13 13-0208	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	460.04	34.62
	10 28 13 13-0209	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	487.34	34.62
	10 28 13 13-0210	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	402.81	34.62
	10 28 13 13-0211	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,942.62	34.62
	10 28 13 13-0212	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,268.04	34.62
	10 28 13 13-0213	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,942.62	34.62
	10 28 13 13-0214	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,268.04	34.62
	10 28 13 13-0215	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (American Specialties 9012)	434.62	34.62
	10 28 13 13-0216	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bradley 962)	1,791.99	34.62
10 28 13 13-0217			**Folding Shower Seats** *(10 28 13 13-0001)*		
	10 28 13 13-0218	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	578.24	46.16
	10 28 13 13-0219	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	756.35	46.16
	10 28 13 13-0220	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	2,141.51	46.16
	10 28 13 13-0221	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,852.92	
10 28 13 13-0222			**Soap/Dish Holders** *(10 28 13 13-0001)*		
	10 28 13 13-0223	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	64.18	25.96
	10 28 13 13-0224	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	66.15	25.96
	10 28 13 13-0225	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	115.78	25.96
	10 28 13 13-0226	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	125.68	25.96
10 28 13 13-0227			**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
	10 28 13 13-0228	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	3.19	1.15
	10 28 13 13-0229	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	51.64	11.54
	10 28 13 13-0230	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	54.05	11.54
	10 28 13 13-0231	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	91.80	25.96
	10 28 13 13-0232	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	98.03	25.96
	10 28 13 13-0233	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	105.66	25.96
	10 28 13 13-0234	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	114.99	25.96
	10 28 13 13-0235	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	81.06	25.96
	10 28 13 13-0236	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	88.41	25.96
	10 28 13 13-0237	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	92.65	25.96
	10 28 13 13-0238	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	98.03	25.96
	10 28 13 13-0239	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	84.17	25.96
	10 28 13 13-0240	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	90.39	25.96
	10 28 13 13-0241	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	97.73	25.96
	10 28 13 13-0242	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	102.83	25.96
10 28 13 13-0243			**Hand Dryers** *(10 28 13 13-0001)*		
	10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	527.69	28.81
	10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	569.23	28.81
	10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	632.00	28.81
	10 28 13 13-0247	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	899.95	28.81
	10 28 13 13-0248	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	548.90	28.81
	10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	607.09	28.81
	10 28 13 13-0250	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	2,375.79	28.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	2,474.54	28.81
10 28 13 13-0252	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,579.87	28.81
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	684.30	28.81
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, 22 Gauge Steel Cover Hand Dryer (Bobrick B-7120)	472.60	28.81
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, 18 Gauge Stainless Steel Cover Hand Dryer (Bobrick B-7128-115V)	543.62	28.81
10 28 13 13-0256	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer RA)	528.98	28.81
10 28 13 13-0257	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer XRA)	561.06	28.81
10 28 13 13-0258	EA	Recessed Mounted, Automatic Sensor, Stainless Steel Cover Hand/Hair Dryer (World Dryer DXRA)	645.53	28.81
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,788.15	28.81
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	3,022.69	28.81
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,317.70	28.81
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,392.39	28.81
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,435.07	28.81
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,477.75	28.81
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,563.10	28.81
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	1,061.64	28.81
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) Note: Electronically adjustable sound and speed.	1,136.32	28.81
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) Note: Electronically adjustable sound and speed.	1,179.00	28.81
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) Note: Electronically adjustable sound and speed.	1,221.68	28.81
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) Note: Electronically adjustable sound and speed.	1,307.04	28.81
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) Note: Electronically adjustable sound and speed.	1,061.64	28.81
10 28 13 13-0272	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) Note: Electronically adjustable sound and speed.	1,136.32	28.81
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) Note: Electronically adjustable sound and speed.	1,179.00	28.81
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) Note: Electronically adjustable sound and speed.	1,221.68	28.81
10 28 13 13-0275	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) Note: Electronically adjustable sound and speed.	1,307.04	28.81
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	762.89	28.81
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	837.58	28.81
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	880.26	28.81
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	922.93	28.81
10 28 13 13-0280	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	1,008.29	28.81
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	762.89	28.81
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	837.58	28.81
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	880.26	28.81
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	922.93	28.81
10 28 13 13-0285	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	1,008.29	28.81
10 28 13 13-0286	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	549.50	28.81
10 28 13 13-0287	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	624.19	28.81
10 28 13 13-0288	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	709.54	28.81

10 28 13 13-0289 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0290	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	1,091.52	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0291	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,544.27	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0292	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,283.77	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0293	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,609.40	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0294	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,381.46	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0295	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,707.09	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0296	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,381.46	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0297	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,707.09	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0298	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,283.77	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0299	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,609.40	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0300	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,153.52	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0301	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,479.15	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0302	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	1,091.52	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0303	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,544.27	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0304	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,283.77	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0305	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,609.40	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0306	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,381.46	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0307	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,707.09	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0308	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,381.46	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0309	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,707.09	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0310	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,283.77	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0311	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,609.40	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0312	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,153.52	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	
10 28 13 13-0313	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,479.15	28.81
		For ADA-Compliant Recess Kit, Add	*169.22*	

10 28 13 13-0314 Additional Accessories *(10 28 13 13-0001)*

10 28 13 13-0315 Hooks *(10 28 13 13-0314)*

10 28 13 13-0316	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	32.41	11.54
10 28 13 13-0317	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	38.63	11.54
10 28 13 13-0318	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	32.97	11.54
10 28 13 13-0319	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	35.75	11.54
10 28 13 13-0320	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	58.98	11.54
10 28 13 13-0321	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	53.32	11.54
10 28 13 13-0322	EA	Five Hook Aluminum Coat Rack (Peter Pepper Products 214XLAL)	213.50	11.54
10 28 13 13-0323	EA	Stainless Steel Coat Hook Pair (Mockett HK2A-SS)	79.33	11.54
10 28 13 13-0324	EA	Polished, Single Stainless Steel Coat Hook (Mockett CH23A-PSS)	53.64	11.54
10 28 13 13-0325	EA	Single Stainless Steel Double Robe Hook, Bright Finish (American Specialties 7345-B)	37.68	11.54

10 28 13 13-0326 Clotheslines *(10 28 13 13-0314)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0327	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	56.65	23.08
10 28 13 13-0328		**Towel Bars** *(10 28 13 13-0314)*		
10 28 13 13-0329	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	69.88	25.96
10 28 13 13-0330	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	70.10	25.96
10 28 13 13-0331	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	78.39	25.96
10 28 13 13-0332	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	79.18	25.96
10 28 13 13-0333	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	115.55	25.96
10 28 13 13-0334	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	120.35	25.96
10 28 13 13-0335	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	119.23	25.96
10 28 13 13-0336	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674 or B-6747)	123.18	25.96
10 28 13 13-0337	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	130.26	25.96
10 28 13 13-0338	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	134.46	25.96
10 28 13 13-0339	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	99.44	25.96
10 28 13 13-0340	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	103.11	25.96
10 28 13 13-0341		**Towel Bar With Shelf** *(10 28 13 13-0314)*		
10 28 13 13-0342	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	222.98	25.96
10 28 13 13-0343		**Towel Pins** *(10 28 13 13-0314)*		
10 28 13 13-0344	EA	Stainless Steel Towel Pin (Bobrick B-677)	57.01	11.54
10 28 13 13-0345		**Drinking Fountain Grab Bars** *(10 28 13 13)*		
10 28 13 13-0346		**1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bars** *(10 28 13 13-0345)* Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
10 28 13 13-0347	EA	1-1/4" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars	516.93	76.17
10 28 13 13-0348	EA	1-1/4" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars	571.94	76.17
10 28 13 13-0349	EA	1-1/4" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars	673.72	76.17
10 28 13 13-0350	EA	1-1/4" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	822.26	76.17
10 28 13 13-0351		**1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bars** *(10 28 13 13-0345)* Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
10 28 13 13-0352	EA	1-1/2" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars	541.69	76.17
10 28 13 13-0353	EA	1-1/2" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars	596.70	76.17
10 28 13 13-0354	EA	1-1/2" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars	703.98	76.17
10 28 13 13-0355	EA	1-1/2" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	849.77	76.17
10 28 13 13-0356		**1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bar** *(10 28 13 13-0345)*		
10 28 13 13-0357	EA	33" Height x 18" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	541.26	116.46
10 28 13 13-0358	EA	33" Height x 4" To <18" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick Custom B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	581.97	116.46
10 28 13 13-0359	EA	33" Height x >18" To 26" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick Custom B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	605.08	116.46
10 28 13 13-0360		**1-1/2" Diameter, Steel Drinking Fountain Grab Bars** *(10 28 13 13-0345)* Note: Includes three wall and one floor concealed mounting with snap flange.		
10 28 13 13-0361	EA	1-1/2" Diameter, Steel Drinking Fountain Grab Bars, 42" High	360.19	76.17
10 28 13 13-0362		**Mirrors** *(10 28 13 13)*		
10 28 13 13-0363		**Stainless Steel Channel Frame Glass Mirrors** *(10 28 13 13-0362)*		
10 28 13 13-0364	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	125.15	28.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0365	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	142.99	28.85
10 28 13 13-0366	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	149.17	28.85
		For Tempered Glass (B-1658), Add	*51.91*	
10 28 13 13-0367	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	161.85	28.85
		For Tempered Glass (B-1658), Add	*60.79*	
10 28 13 13-0368	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	178.11	28.85
10 28 13 13-0369	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	184.95	28.85
		For Tempered Glass (B-1658), Add	*76.96*	
10 28 13 13-0370	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	229.83	28.85
10 28 13 13-0371	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	266.59	28.85
10 28 13 13-0372	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	322.76	28.85
10 28 13 13-0373	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	408.07	28.85
10 28 13 13-0374	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	459.90	28.85

10 28 13 13-0375 Stainless Steel Channel Frame Glass Mirror/Shelf Combination *(10 28 13 13-0362)*

10 28 13 13-0376	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	238.28	28.85
10 28 13 13-0377	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	257.47	28.85
10 28 13 13-0378	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	270.16	28.85
10 28 13 13-0379	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	305.94	28.85

10 28 13 13-0380 Stainless Steel Angle Frame Glass Mirrors *(10 28 13 13-0362)*

10 28 13 13-0381	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	211.25	28.85
10 28 13 13-0382	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	232.43	28.85
		For Tempered Glass (B-2908), Add	*103.90*	
10 28 13 13-0383	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	239.58	28.85
		For Tempered Glass (B-2908), Add	*108.62*	
10 28 13 13-0384	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	281.87	28.85
10 28 13 13-0385	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	283.49	28.85
		For Tempered Glass (B-2908), Add	*137.60*	
10 28 13 13-0386	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	381.39	28.85
10 28 13 13-0387	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	449.69	28.85
10 28 13 13-0388	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	513.45	28.85
10 28 13 13-0389	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	339.83	28.85
10 28 13 13-0390	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	415.83	28.85
10 28 13 13-0391	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	640.65	28.85

10 28 13 13-0392 Stainless Steel Angle Frame Glass Mirror/Shelf Combination *(10 28 13 13-0362)*

10 28 13 13-0393	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	218.66	28.85
10 28 13 13-0394	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	438.31	28.85
10 28 13 13-0395	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	459.79	28.85
10 28 13 13-0396	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	513.45	28.85

10 28 13 13-0397 Frameless Stainless Steel Mirrors *(10 28 13 13-0362)*

10 28 13 13-0398	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	237.63	28.85
10 28 13 13-0399	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	309.50	28.85

10 28 13 13-0400 Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors *(10 28 13 13-0362)*

10 28 13 13-0401	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	325.77	28.85
10 28 13 13-0402	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	339.77	28.85
10 28 13 13-0403	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	412.95	28.85
10 28 13 13-0404	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	509.54	28.85

10 28 13 13-0405 Medicine Cabinets *(10 28 13 13)*

10 28 13 13-0406 Metal Medicine Cabinets *(10 28 13 13-0405)*

10 28 13 13-0407	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	252.91	57.70
10 28 13 13-0408	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	258.32	57.70
10 28 13 13-0409	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	266.37	57.70
10 28 13 13-0410	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	573.11	57.70
10 28 13 13-0411	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	783.73	57.70

10 28 13 13-0412 Janitorial Material *(10 28 13 13)*

10 28 13 13-0413	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	53.32	11.54
10 28 13 13-0414	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	138.45	25.96
10 28 13 13-0415	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	133.37	25.96
10 28 13 13-0416	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	151.27	25.96
10 28 13 13-0417	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	168.98	25.96
10 28 13 13-0418	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	113.49	25.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0419	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	312.03	25.96
10 28 13 13-0420	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	448.59	25.96
10 28 13 13-0421		Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)* Note: Includes storage, cleaning and supply materials.		
10 28 13 13-0422	EA	Removal And Reinstallation Of Bathroom Accessory	36.07	
10 28 13 63		**Detention Toilet Accessories** *(10 28 13)*		
10 28 13 63-0001		Ligature Resistant, Toilet Accessories *(10 28 13 63)*		
10 28 13 63-0002	EA	Recessed Mounted, White, Enviro-Glaze, Ligature Resistant, Toilet Paper Holder (Whitehall MFG WH1847)	835.36	119.75
10 28 13 63-0003		Ligature Resistant, Mirrors *(10 28 13 63)*		
10 28 13 63-0004	EA	16" Width x 26" Height, Framed, Ligature Resistant, Solid Surface Infused Mirror (Whitehall WH1815-OCC11)	571.93	26.19
10 28 13 63-0005		Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)*		
10 28 13 63-0006	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180)	205.81	23.08
10 28 13 63-0007	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240)	215.13	23.08
10 28 13 63-0008	EA	36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360)	221.33	23.08
10 28 13 63-0009	EA	42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420)	245.13	23.08
10 28 13 63-0010	EA	60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600)	497.83	23.08
10 28 13 63-0011	EA	36" Length, 1-1/2" Diameter, Ligature Resistant, Satin Finish, Stainless Steel Grab Bar with Closure Plate (Whitehall WH1109-4)	437.51	26.19
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential, Surface Mounted, Porcelain Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0003	EA	Surface Mounted Porcelain Wall Soap Holder	59.75	15.58
10 28 16 13-0004	EA	Surface Mounted Porcelain Bath/Shower Soap Dish	68.44	15.58
10 28 16 13-0005	EA	Surface Mounted Porcelain 1 Roll Toilet Paper Holder	67.74	15.58
10 28 16 13-0006	EA	Surface Mounted Porcelain Toothbrush/Tumbler Holder	59.75	15.58
10 28 16 13-0007	EA	Surface Mounted Porcelain Towel Bar Set With Plastic Bar	65.86	15.58
10 28 16 13-0008		Residential Medicine Cabinets With Mirrors *(10 28 16 13-0001)*		
10 28 16 13-0009	EA	16" x 20" Recessed Molded Medicine Cabinet With Mirror (Nutone 401ADJ)	163.17	40.39
10 28 16 13-0010	EA	16" x 22" Recessed Molded Medicine Cabinet With Mirror (Nutone 407ADJ)	162.01	40.39
10 28 16 13-0011	EA	16" x 26" Recessed Molded Medicine Cabinet With Mirror (Nutone 624)	212.11	40.39
10 28 16 13-0012	EA	16" x 26" Stainless Trim, Plastic Body Medicine Cabinet With Mirror (Nutone B772193)	200.49	40.39
10 28 16 13-0013	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 420BC)	203.95	40.39
10 28 16 13-0014	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 421BC)	217.27	40.39
10 28 16 13-0015	EA	18" x 24" Recessed Steel Medicine Cabinet With Mirror (Nutone 490)	332.45	40.39
10 28 16 13-0016	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 458)	237.80	40.39
10 28 16 13-0017	EA	20" x 30" Recessed Steel Medicine Cabinet With Mirror (Nutone 495)	382.14	40.39
10 28 16 13-0018	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 470FS)	271.61	40.39
10 28 16 13-0019	EA	16-1/8" x 22-1/8" Surface Steel Medicine Cabinet With Mirror (Nutone 472FS)	257.30	40.39
10 28 16 13-0020	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 473FS)	259.76	40.39
10 28 16 13-0021	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 478FS)	246.56	40.39
10 28 16 13-0022	EA	14" x 20" Surface Steel Medicine Cabinet With Mirror (Nutone 422SM)	201.78	40.39
10 28 16 13-0023	EA	16" x 22" Surface Steel Medicine Cabinet With Mirror (Nutone 452SM)	239.35	40.39
10 28 16 13-0024	EA	16-1/4" x 22-1/4" Molded Steel Medicine Cabinet With Mirror (Nutone 614)	198.03	40.39
10 28 16 13-0025		Residential Shower Curtain Rod *(10 28 16 13-0001)* Note: Includes end brackets. See CSI section 10 28 13 13-0227 for shower curtain rods.		
10 28 16 13-0026		Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0027	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	130.32	25.96
10 28 16 13-0028	EA	Recessed Mounted, Chrome Plated Soap Dish	195.08	25.96
10 28 16 13-0029	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	208.25	25.96
10 28 16 13-0030	EA	Recessed Mounted, Chrome Plated Tumbler Holder	135.90	25.96
10 28 16 13-0031		Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0032	EA	Surface Mounted, Chrome Plated Soap Dish	87.22	17.31
10 28 16 13-0033	EA	Surface Mounted, Chrome Plated Single Clothes Hook	101.90	17.31
10 28 16 13-0034	EA	Surface Mounted, Chrome Plated Double Clothes Hook	101.90	17.31
10 28 16 13-0035	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	216.35	17.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0036	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	179.42	17.31
10 28 16 13-0037	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	111.93	23.08
10 28 16 13-0038	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	113.57	23.08
10 28 16 13-0039	EA	Surface Mounted, Chrome Plated Towel Ring	83.60	17.31
10 28 16 13-0040	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	75.68	11.54
10 28 16 13-0041	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	87.22	17.31
10 28 16 13-0042	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	185.64	17.31
10 28 16 13-0043	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	106.97	17.31
10 28 16 13-0044	EA	Surface Mounted, Chrome Plated Towel Pin	113.62	11.54
10 28 16 13-0045	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	360.46	17.31
10 28 16 13-0046	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	172.21	17.31
10 28 16 13-0047	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	85.69	17.31
10 28 16 13-0048	EA	Surface Mounted, Chrome, Double Standard Toilet Tissue Holder (Frost 150)	126.38	26.19
10 28 16 13-0049	EA	Surface Mounted, Chrome, Standard Toilet Tissue Holder (Frost 146)	120.35	26.19
10 28 16 13-0050		Residential, Ceramic Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0051	EA	4-1/8" x 4-1/8" x 2-7/8" Deep Ceramic Recessed Soap Dish	127.20	23.88
10 28 16 13-0052	EA	6" x 4-1/4" x 3-1/8" Deep Ceramic Recessed Soap Dish	151.00	23.88
10 28 16 13-0053	EA	8-1/8" x 15-3/8" x 2-7/8" Deep Ceramic Recessed Soap And Suds	263.74	30.00
10 28 16 13-0054	EA	6" x 6" x 3-1/4" Deep Ceramic Recessed Toilet Paper Holder	141.48	23.88
10 28 16 13-0055	EA	6" x 6" x 4-7/8" Deep Ceramic Recessed Soap And Cloth Holder With Lip Drain	179.57	23.88
10 28 16 13-0056	EA	6-3/8" x 4-3/4" x 1-3/8" Deep Ceramic Semi-Recessed Soap Dish	115.30	23.88
10 28 16 13-0057	EA	6-3/8" x 6-3/8" x 1-3/4" Deep Ceramic Semi-Recessed Soap Dish	123.87	23.88
10 28 16 13-0058	EA	6-5/8" x 5" x 2-3/8" Deep Ceramic Semi-Recessed Toilet Paper Holder	110.54	23.88
10 28 16 13-0059	EA	6-5/8" x 4-7/8" x 2-3/8" Deep Ceramic Semi-Recessed Soap And Cloth Holder	117.68	23.88
10 28 16 13-0060	EA	7-1/4" x 3" Ceramic Surface Mounted Corner Shelf	113.71	15.58
10 28 16 13-0061	EA	4-1/2" x 2-1/4" Ceramic Surface Mounted Corner Shelf	101.71	15.58
10 28 16 13-0062	EA	4" x 6" Ceramic Surface Mounted Toilet Paper Holder	78.01	15.58
10 28 16 13-0063	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish	78.63	15.58
10 28 16 13-0064	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Soap Dish	73.20	15.58
10 28 16 13-0065	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Low Profile Soap Dish	65.96	15.58
10 28 16 13-0066	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish And Cloth Holder	84.12	15.58
10 28 16 13-0067	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	73.20	15.58
10 28 16 13-0068	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	65.96	15.58
10 28 16 13-0069	EA	1-1/2" x 4-1/4" Ceramic Surface Mounted Towel Ring	77.08	15.58
10 28 16 13-0070		Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)*		
		Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0071	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	327.13	57.70
10 28 16 13-0072	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	417.86	57.70
10 28 16 13-0073	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	343.66	57.70
10 28 16 13-0074	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	440.41	57.70
10 28 16 13-0075	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	354.08	57.70
10 28 16 13-0076	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	460.21	57.70
10 28 16 13-0077	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	368.40	57.70
10 28 16 13-0078	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	484.42	57.70
10 28 16 13-0079		Residential Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0080	EA	Surface Mounted Plastic Paper Towel Dispenser	117.39	25.96
10 28 16 13-0081	EA	Surface Mounted Plastic Napkin Disposal	102.94	25.96
10 28 16 13-0082	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	108.04	
10 28 16 13-0083	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	123.34	25.96
10 28 16 13-0084	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	117.44	25.96
10 28 16 13-0085	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	143.89	31.74
10 28 16 13-0086	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	78.50	23.08
10 28 16 13-0087	EA	13 Gallon Plastic Waste Door For Countertops	282.06	43.28
10 28 19		**Tub and Shower Enclosures** *(10 28)*		
10 28 19 16		**Shower Doors** *(10 28 19)*		
10 28 19 16-0001		Swinging Shower Doors *(10 28 19 16)*		
10 28 19 16-0002		Framed, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	572.07	60.50
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	601.62	30.26
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	724.20	30.26
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	598.48	30.26
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	640.34	30.26
10 28 19 16-0008		Frameless, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	887.35	30.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	928.32	30.26
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	966.87	30.26
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	1,007.84	30.26
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	1,047.61	30.26
10 28 19 16-0014		Sliding Shower Doors *(10 28 19 16)*		
10 28 19 16-0015		Framed, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	966.49	30.26
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	883.58	30.26
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	905.91	30.26
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	929.66	30.26
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	942.91	30.26
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	962.52	30.26
10 28 19 16-0022		Frameless, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	1,002.79	30.26
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	1,228.33	30.26
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,304.24	30.26
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	1,175.47	30.26
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	1,192.09	30.26
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,346.57	30.26
10 28 19 19		**Tub Doors** *(10 28 19)*		
10 28 19 19-0001		Sliding Bathtub Doors *(10 28 19 19)*		
10 28 19 19-0002		Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*		
10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	858.65	30.26
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	868.21	30.26
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	889.81	30.26

10 30 Fireplaces and Stoves *(10)*

10 31 Manufactured Fireplaces *(10 30)*

10 31 13 Manufactured Fireplace Chimneys *(10 31)*

See CSI section 23 51 00 00-0000 for chimneys.

10 31 16 Manufactured Fireplace Forms *(10 31)*

10 31 16 00-0001 Prefabricated Fireplaces *(10 31 16)*

Note: Listed by screen width.

10 31 16 00-0002 Radiant Heat Fireplace Inserts *(10 31 16 00-0001)*

Note: Includes insert, screen, grate and vent connection.

10 31 16 00-0003	EA	38" Wide Radiant Heat, Open Front Fireplace Insert	1,637.65	280.04
		For Circulating Heat Fireplace, Add	*59.27*	
10 31 16 00-0004	EA	43" Wide Radiant Heat, Open Front Fireplace Insert	1,739.50	288.69
		For Circulating Heat Fireplace, Add	*63.92*	
10 31 16 00-0005	EA	48" Wide Radiant Heat, Open Front Fireplace Insert	1,874.01	303.13
		For Circulating Heat Fireplace, Add	*69.73*	

10 31 16 00-0006 Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*

Note: Includes insert, screen, gas logs and vent connection. Units are remote ready.

10 31 16 00-0007	EA	32" Wide Radiant Heat Natural Gas Fireplace	2,156.17	280.04
		For Circulating Heat Fireplace, Add	*87.79*	
		For Remote Ignition, Add	*79.81*	
10 31 16 00-0008	EA	36" Wide Radiant Heat Natural Gas Fireplace	2,291.63	288.69
		For Circulating Heat Fireplace, Add	*94.28*	
		For Remote Ignition, Add	*85.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 31 16 00-0009		**Vent Free Radiant Heat Natural Gas Fireplace** *(10 31 16 00-0001)* Note: Includes insert, screen, and gas logs. Units are remote ready.		
10 31 16 00-0010	EA	26" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,344.38	242.50
		For Circulating Heat Fireplace, Add	*102.27*	
		For Remote Ignition, Add	*92.97*	
10 31 16 00-0011	EA	32" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,616.24	259.82
		For Circulating Heat Fireplace, Add	*115.31*	
		For Remote Ignition, Add	*104.83*	
10 31 16 00-0012	EA	36" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,917.04	288.69
		For Circulating Heat Fireplace, Add	*128.68*	
		For Remote Ignition, Add	*116.98*	
10 31 16 00-0013	EA	42" Wide Vent Free Radiant Heat Natural Gas Fireplace	3,312.64	311.78
		For Circulating Heat Fireplace, Add	*147.90*	
		For Remote Ignition, Add	*134.45*	

10 32 Fireplace Specialties *(10 30)*

10 32 16 Fireplace Inserts *(10 32)*

10 32 16 00-0001		**Gas Log Inserts, Vented** *(10 32 16)* Note: Manual controlled.		
10 32 16 00-0002	EA	15", 4 Log Set Gas Log Insert	748.09	121.08
10 32 16 00-0003	EA	18", 6 Log Set Gas Log Insert	918.53	121.08
10 32 16 00-0004	EA	21", 6 Log Set Gas Log Insert	968.30	121.08
10 32 16 00-0005	EA	24", 6 or 7 Log Set Gas Log Insert	1,018.07	121.08
10 32 16 00-0006	EA	30", 7 or 8 Log Set Gas Log Insert	1,292.97	121.08
10 32 16 00-0007	EA	36", 8 to 11 Log Set Gas Log Insert	1,521.47	121.08

10 32 19 Fireplace Screens *(10 32)*

10 32 19 00-0001		**Screens, Mounted** *(10 32 19)*		
10 32 19 00-0002	EA	Black Powder Coated Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	169.66	
10 32 19 00-0003	EA	Stainless Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	287.14	

10 32 23 Fireplace Doors *(10 32)*

10 32 23 00-0001		**Glass Doors, Bi-Fold** *(10 32 23)* Note: Includes anodized aluminum enclosure with 2 3/4" top and side panels and a 11/16" bottom panel. Flat black or polished brass finish.		
10 32 23 00-0002	EA	29" To 32" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,283.68	78.57
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0003	EA	32" To 35" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,401.07	78.57
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0004	EA	35" To 38" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,494.97	78.57
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0005	EA	38" To 43" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,607.66	78.57
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0006		**Chimney Dampers / Chimalator** *(10 32 23)* Note: Stainless steel top sealing damper cap.		
10 32 23 00-0007	EA	8" x 8" Stainless Steel Chimalator Top Sealing Damper Cap	589.00	23.05
10 32 23 00-0008	EA	8" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	611.83	24.52
10 32 23 00-0009	EA	8" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	793.68	27.94
10 32 23 00-0010	EA	8" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	849.35	27.94
10 32 23 00-0011	EA	10" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	898.01	35.05
10 32 23 00-0012	EA	12" x 12" Stainless Steel Chimalator Top Sealing Damper Cap	689.76	35.05
10 32 23 00-0013	EA	12" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	864.17	42.04
10 32 23 00-0014	EA	13" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	689.76	35.05
10 32 23 00-0015	EA	13" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	864.17	42.04
10 32 23 00-0016	EA	13" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,102.02	42.04
10 32 23 00-0017	EA	16" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	987.21	58.84
10 32 23 00-0018	EA	16" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,220.00	58.84
10 32 23 00-0019	EA	18" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	1,030.44	61.91
10 32 23 00-0020	EA	18" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,293.44	61.91
10 32 23 00-0021	EA	20" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,389.83	65.34
10 32 23 00-0022	EA	20" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,499.48	65.34
10 32 23 00-0023	EA	24" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,595.20	69.26

10 40 Safety Specialties *(10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,754.45	37.51
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.29*	
		For Swing Key Hook Panel, Add	*158.29*	
		For Non-Locking Weather Housing, Add	*397.86*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,860.86	37.51
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.29*	
		For Swing Key Hook Panel, Add	*158.29*	
		For Second Swing Key Hook Panel, Add	*125.29*	
		For Non-Locking Weather Housing, Add	*397.86*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	871.29	37.51
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	764.88	37.51
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	1,025.58	37.51
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,092.08	37.51
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.44*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	320.50	47.31
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	324.07	47.31
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	324.79	47.31
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	346.95	47.31
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	404.87	47.31
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	412.73	47.31

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	344.55	47.31
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	348.85	47.31
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	355.99	47.31
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	368.15	47.31
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	405.59	47.31
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	417.03	47.31

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	540.08	47.31
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	553.85	47.31
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	560.74	47.31
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	607.79	47.31
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	702.57	47.31
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	731.26	47.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0024		**Bronze Door And Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,731.00	47.31
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,744.17	47.31
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	2,012.66	47.31
10 44 13 00-0028		**Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	366.97	47.31
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	394.15	47.31
10 44 13 00-0031		**Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0032		**Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	339.81	47.31
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	346.95	47.31
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	347.67	47.31
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	371.98	47.31
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	420.60	47.31
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	428.47	47.31
10 44 13 00-0039		**Aluminum Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	376.27	47.31
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	386.99	47.31
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	393.43	47.31
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	405.59	47.31
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	447.77	47.31
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	457.78	47.31
10 44 13 00-0046		**Stainless Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	600.44	47.31
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	616.51	47.31
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	623.39	47.31
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	658.97	47.31
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	747.33	47.31
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	766.84	47.31
10 44 13 00-0053		**Bronze Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,199.98	47.31
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,211.03	47.31
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,544.52	47.31
10 44 13 00-0057		**Acrylic Bubble Door And Steel Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	392.71	47.31
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	418.45	47.31
10 44 13 00-0060		**Surface Mounted Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0061		**Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	334.09	47.31
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	338.37	47.31
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	372.69	47.31
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	414.88	47.31
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	426.32	47.31
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	444.19	47.31
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	453.49	47.31
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	474.23	47.31
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	514.98	47.31
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	532.14	47.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	700.28	47.31
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	722.08	47.31
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	776.02	47.31
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	880.45	47.31
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	912.58	47.31
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,534.11	47.31
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,865.05	47.31
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	376.99	47.31
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	408.45	47.31
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	518.55	47.31
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	34.34	14.43
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	32.42	14.43
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	31.25	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	82.40	28.85
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	238.02	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	261.82	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	357.03	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	487.94	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	571.25	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	138.05	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	142.81	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	190.42	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	345.13	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	349.89	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	60.00	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	63.00	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	85.00	
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	150.00	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	152.00	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	658.87	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	671.16	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	681.40	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	691.65	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	703.93	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	736.68	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	746.93	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0116		**Aluminum Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	715.62	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	735.42	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	737.99	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	746.22	147.23
		For Solid Aluminum Door, Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	757.02	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	787.61	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	818.21	147.23
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	950.52	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,052.96	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,062.82	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,094.34	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,104.19	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,155.41	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,206.64	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0132 Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	691.65	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	703.93	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	714.15	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	726.44	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	736.68	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	769.43	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	781.71	147.23
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	735.42	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	757.02	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	760.10	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	766.02	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	776.81	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	807.41	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	838.01	147.23
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,011.59	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,123.89	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,133.74	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,165.26	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,175.11	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,226.34	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,277.56	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	703.93	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	714.15	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	726.44	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	736.68	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	746.93	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	781.71	147.23
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	791.96	147.23
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	787.61	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	807.41	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	812.55	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	818.21	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	827.21	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	859.61	147.23
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	879.41	147.23
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,094.34	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,421.39	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,504.13	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,523.83	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,543.54	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,626.28	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,728.73	147.23
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	172.11	15.00
		For >5 To 10, Deduct	*-4.76*	
		For >10, Deduct	*-9.52*	
		For Placement In Cabinet, Deduct	*-38.47*	
10 44 16 13-0003	EA	5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	246.06	17.31
		For >5 To 10, Deduct	*-7.86*	
		For >10, Deduct	*-15.73*	
		For Placement In Cabinet, Deduct	*-44.39*	
10 44 16 13-0004	EA	10 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	320.04	21.93
		For >5 To 10, Deduct	*-10.23*	
		For >10, Deduct	*-20.46*	
		For Placement In Cabinet, Deduct	*-57.70*	
10 44 16 13-0005	EA	15 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	394.54	27.70
		For >5 To 10, Deduct	*-12.51*	
		For >10, Deduct	*-25.03*	
		For Placement In Cabinet, Deduct	*-72.13*	
10 44 16 13-0006	EA	20 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	435.43	27.70
		For >5 To 10, Deduct	*-14.56*	
		For >10, Deduct	*-29.12*	
		For Placement In Cabinet, Deduct	*-72.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0007	EA	50 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,346.08	43.85
		For >5 To 10, Deduct	*-55.76*	
		For >10, Deduct	*-111.53*	
10 44 16 13-0008	EA	100 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	2,589.14	43.85
		For >5 To 10, Deduct	*-117.92*	
		For >10, Deduct	*-235.83*	
10 44 16 13-0009		Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*		
10 44 16 13-0010	EA	2.6 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	113.23	15.00
		For >5 To 10, Deduct	*-1.81*	
		For >10, Deduct	*-3.63*	
		For Placement In Cabinet, Deduct	*-38.47*	
10 44 16 13-0011	EA	5 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	140.23	17.31
		For >5 To 10, Deduct	*-2.57*	
		For >10, Deduct	*-5.15*	
		For Placement In Cabinet, Deduct	*-44.39*	
10 44 16 13-0012	EA	10 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	197.33	21.93
		For >5 To 10, Deduct	*-4.10*	
		For >10, Deduct	*-8.19*	
		For Placement In Cabinet, Deduct	*-57.70*	
10 44 16 13-0013	EA	20 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	273.20	27.70
		For >5 To 10, Deduct	*-6.45*	
		For >10, Deduct	*-12.90*	
		For Placement In Cabinet, Deduct	*-72.13*	
10 44 16 13-0014	EA	50 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,603.21	43.85
		For >5 To 10, Deduct	*-68.62*	
		For >10, Deduct	*-137.24*	
10 44 16 13-0015	EA	125 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,354.83	43.85
		For >5 To 10, Deduct	*-106.20*	
		For >10, Deduct	*-212.40*	
10 44 16 13-0016		Other Portable Fire Extinguishers *(10 44 16 13)*		
10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	194.32	17.31
		For >5 To 10, Deduct	*-5.28*	
		For >10, Deduct	*-10.56*	
		For Placement In Cabinet, Deduct	*-44.39*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	296.59	27.70
		For >5 To 10, Deduct	*-7.62*	
		For >10, Deduct	*-15.23*	
		For Placement In Cabinet, Deduct	*-72.13*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	313.18	27.70
		For >5 To 10, Deduct	*-8.45*	
		For >10, Deduct	*-16.89*	
		For Placement In Cabinet, Deduct	*-72.13*	
10 44 16 13-0020	EA	30 Lb. Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	427.83	27.70
		For >5 To 10, Deduct	*-14.18*	
		For >10, Deduct	*-28.36*	
10 44 16 13-0021		Fire Extinguisher Backboards *(10 44 16 13)*		
10 44 16 13-0022		Fire Extinguisher Backboards *(10 44 16 13-0021)* Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	125.37	19.78
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	174.48	
10 44 16 13-0025		Inspections And Testing *(10 44 16 13)*		
10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	7.61	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	11.19	
10 44 19		**Fire Blankets** *(10 44)*		
10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	337.56	47.31
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	269.63	47.31
10 45		**Photoluminescent Exit Specialties** *(10 40)*		
10 45 00 00-0001		Photoluminescent Illuminated Egress Markings *(10 45)*		
10 45 00 00-0002	LF	1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	9.88	
		For Wall Applied, Add	*1.05*	
10 45 00 00-0003	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	10.45	
		For Wall Applied, Add	*1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 45 00 00-0004	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	11.02	
		For Wall Applied, Add	*1.05*	
10 45 00 00-0005	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	10.45	
		For Wall Applied, Add	*1.05*	
10 45 00 00-0006	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	11.58	
		For Wall Applied, Add	*1.05*	
10 45 00 00-0007	LF	1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors Note: Peel and stick.	12.30	
		For Wall Applied, Add	*1.05*	
10 45 00 00-0008	EA	1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors Note: Self adhesive, high bond foam backing.	53.57	
10 45 00 00-0009	EA	1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip Note: Self adhesive, high bond foam backing.	52.79	

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*
Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*
Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 48" Single Tier Institutional Or Corridor Locker	292.50	35.78
		For >25 To 50, Deduct	*-11.05*	
		For >50 To 100, Deduct	*-23.17*	
		For >100, Deduct	*-35.29*	
		For 14 Gauge Doors, Add	*17.68*	
10 51 13 00-0004	EA	12" x 15" x 48" Single Tier Institutional Or Corridor Locker	301.25	35.78
		For >25 To 50, Deduct	*-11.49*	
		For >50 To 100, Deduct	*-24.04*	
		For >100, Deduct	*-36.60*	
		For 14 Gauge Doors, Add	*18.38*	
10 51 13 00-0005	EA	12" x 18" x 48" Single Tier Institutional Or Corridor Locker	309.99	35.78
		For >25 To 50, Deduct	*-11.92*	
		For >50 To 100, Deduct	*-24.92*	
		For >100, Deduct	*-37.91*	
		For 14 Gauge Doors, Add	*19.08*	
10 51 13 00-0006	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	276.51	35.78
		For >25 To 50, Deduct	*-10.25*	
		For >50 To 100, Deduct	*-21.57*	
		For >100, Deduct	*-32.89*	
		For 14 Gauge Doors, Add	*16.40*	
10 51 13 00-0007	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	287.37	35.78
		For >25 To 50, Deduct	*-10.79*	
		For >50 To 100, Deduct	*-22.66*	
		For >100, Deduct	*-34.52*	
		For 14 Gauge Doors, Add	*17.27*	
10 51 13 00-0008	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	302.22	35.78
		For >25 To 50, Deduct	*-11.53*	
		For >50 To 100, Deduct	*-24.14*	
		For >100, Deduct	*-36.75*	
		For 14 Gauge Doors, Add	*18.45*	
10 51 13 00-0009	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	301.36	36.93
		For >25 To 50, Deduct	*-11.38*	
		For >50 To 100, Deduct	*-23.86*	
		For >100, Deduct	*-36.34*	
		For 14 Gauge Doors, Add	*18.20*	
10 51 13 00-0010	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	310.36	36.93
		For >25 To 50, Deduct	*-11.83*	
		For >50 To 100, Deduct	*-24.76*	
		For >100, Deduct	*-37.69*	
		For 14 Gauge Doors, Add	*18.92*	
10 51 13 00-0011	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	319.14	36.93
		For >25 To 50, Deduct	*-12.26*	
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-39.01*	
		For 14 Gauge Doors, Add	*19.62*	
10 51 13 00-0012	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	334.29	36.93
		For >25 To 50, Deduct	*-13.02*	
		For >50 To 100, Deduct	*-27.15*	
		For >100, Deduct	*-41.28*	
		For 14 Gauge Doors, Add	*20.83*	
10 51 13 00-0013	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	349.28	36.93
		For >25 To 50, Deduct	*-13.77*	
		For >50 To 100, Deduct	*-28.65*	
		For >100, Deduct	*-43.53*	
		For 14 Gauge Doors, Add	*22.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0014	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	365.17	36.93
		For >25 To 50, Deduct	*-14.57*	
		For >50 To 100, Deduct	*-30.24*	
		For >100, Deduct	*-45.91*	
		For 14 Gauge Doors, Add	*23.30*	
10 51 13 00-0015	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	379.83	36.93
		For >25 To 50, Deduct	*-15.30*	
		For >50 To 100, Deduct	*-31.70*	
		For >100, Deduct	*-48.11*	
		For 14 Gauge Doors, Add	*24.48*	
10 51 13 00-0016	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	513.82	36.93
		For >25 To 50, Deduct	*-22.00*	
		For >50 To 100, Deduct	*-45.10*	
		For >100, Deduct	*-68.21*	
		For 14 Gauge Doors, Add	*35.20*	

10 51 13 00-0017 Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0018	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	326.70	36.93
		For >25 To 50, Deduct	*-12.64*	
		For >50 To 100, Deduct	*-26.39*	
		For >100, Deduct	*-40.14*	
		For 14 Gauge Doors, Add	*27.81*	
10 51 13 00-0019	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	333.54	36.93
		For >25 To 50, Deduct	*-12.98*	
		For >50 To 100, Deduct	*-27.08*	
		For >100, Deduct	*-41.17*	
		For 14 Gauge Doors, Add	*28.56*	
10 51 13 00-0020	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	340.44	36.93
		For >25 To 50, Deduct	*-13.33*	
		For >50 To 100, Deduct	*-27.77*	
		For >100, Deduct	*-42.20*	
		For 14 Gauge Doors, Add	*29.32*	
10 51 13 00-0021	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	341.58	38.09
		For >25 To 50, Deduct	*-13.27*	
		For >50 To 100, Deduct	*-27.68*	
		For >100, Deduct	*-42.10*	
		For 14 Gauge Doors, Add	*29.19*	
10 51 13 00-0022	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	356.54	38.09
		For >25 To 50, Deduct	*-14.02*	
		For >50 To 100, Deduct	*-29.18*	
		For >100, Deduct	*-44.34*	
		For 14 Gauge Doors, Add	*30.84*	
10 51 13 00-0023	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	365.57	38.09
		For >25 To 50, Deduct	*-14.47*	
		For >50 To 100, Deduct	*-30.08*	
		For >100, Deduct	*-45.69*	
		For 14 Gauge Doors, Add	*31.83*	
10 51 13 00-0024	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	378.51	38.09
		For >25 To 50, Deduct	*-15.12*	
		For >50 To 100, Deduct	*-31.38*	
		For >100, Deduct	*-47.63*	
		For 14 Gauge Doors, Add	*33.26*	
10 51 13 00-0025	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	391.50	38.09
		For >25 To 50, Deduct	*-15.77*	
		For >50 To 100, Deduct	*-32.67*	
		For >100, Deduct	*-49.58*	
		For 14 Gauge Doors, Add	*34.69*	
10 51 13 00-0026	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	450.32	38.09
		For >25 To 50, Deduct	*-18.71*	
		For >50 To 100, Deduct	*-38.56*	
		For >100, Deduct	*-58.41*	
		For 14 Gauge Doors, Add	*41.16*	
10 51 13 00-0027	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	461.00	38.09
		For >25 To 50, Deduct	*-19.24*	
		For >50 To 100, Deduct	*-39.62*	
		For >100, Deduct	*-60.01*	
		For 14 Gauge Doors, Add	*42.33*	

10 51 13 00-0028 Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0029	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	383.59	39.24
		For >25 To 50, Deduct	*-15.26*	
		For >50 To 100, Deduct	*-31.69*	
		For >100, Deduct	*-48.12*	
		For 14 Gauge Doors, Add	*45.77*	
10 51 13 00-0030	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	390.62	39.24
		For >25 To 50, Deduct	*-15.61*	
		For >50 To 100, Deduct	*-32.39*	
		For >100, Deduct	*-49.18*	
		For 14 Gauge Doors, Add	*46.82*	
10 51 13 00-0031	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	415.58	39.24
		For >25 To 50, Deduct	*-16.86*	
		For >50 To 100, Deduct	*-34.89*	
		For >100, Deduct	*-52.92*	
		For 14 Gauge Doors, Add	*50.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0032	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	439.49	39.24
		For >25 To 50, Deduct	*-18.05*	
		For >50 To 100, Deduct	*-37.28*	
		For >100, Deduct	*-56.51*	
		For 14 Gauge Doors, Add	*54.15*	
10 51 13 00-0033	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	458.53	39.24
		For >25 To 50, Deduct	*-19.00*	
		For >50 To 100, Deduct	*-39.18*	
		For >100, Deduct	*-59.36*	
		For 14 Gauge Doors, Add	*57.01*	
10 51 13 00-0034		**Four Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0035	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	376.51	40.39
		For >25 To 50, Deduct	*-14.79*	
		For >50 To 100, Deduct	*-30.78*	
		For >100, Deduct	*-46.78*	
10 51 13 00-0036	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	388.77	40.39
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-32.01*	
		For >100, Deduct	*-48.62*	
10 51 13 00-0037	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	408.49	40.39
		For >25 To 50, Deduct	*-16.39*	
		For >50 To 100, Deduct	*-33.98*	
		For >100, Deduct	*-51.58*	
10 51 13 00-0038	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	424.27	40.39
		For >25 To 50, Deduct	*-17.17*	
		For >50 To 100, Deduct	*-35.56*	
		For >100, Deduct	*-53.95*	
10 51 13 00-0039	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	446.99	40.39
		For >25 To 50, Deduct	*-18.31*	
		For >50 To 100, Deduct	*-37.83*	
		For >100, Deduct	*-57.35*	
10 51 13 00-0040		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0041	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	409.65	41.55
		For >25 To 50, Deduct	*-16.33*	
		For >50 To 100, Deduct	*-33.90*	
		For >100, Deduct	*-51.48*	
10 51 13 00-0042	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	419.10	41.55
		For >25 To 50, Deduct	*-16.80*	
		For >50 To 100, Deduct	*-34.85*	
		For >100, Deduct	*-52.89*	
10 51 13 00-0043	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	436.95	41.55
		For >25 To 50, Deduct	*-17.69*	
		For >50 To 100, Deduct	*-36.63*	
		For >100, Deduct	*-55.57*	
10 51 13 00-0044		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0045	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	758.19	27.70
10 51 13 00-0046	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,212.22	57.70
10 51 13 00-0047		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0048		**Single Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0049	EA	12" x 15" x 60" Single Tier Athletic Locker	414.95	36.93
		For >25 To 50, Deduct	*-17.05*	
		For >50 To 100, Deduct	*-35.22*	
		For >100, Deduct	*-53.38*	
10 51 13 00-0050	EA	12" x 18" x 60" Single Tier Athletic Locker	429.36	36.93
		For >25 To 50, Deduct	*-17.78*	
		For >50 To 100, Deduct	*-36.66*	
		For >100, Deduct	*-55.54*	
10 51 13 00-0051	EA	15" x 15" x 60" Single Tier Athletic Locker	438.62	36.93
		For >25 To 50, Deduct	*-18.24*	
		For >50 To 100, Deduct	*-37.58*	
		For >100, Deduct	*-56.93*	
10 51 13 00-0052	EA	15" x 18" x 60" Single Tier Athletic Locker	454.00	36.93
		For >25 To 50, Deduct	*-19.01*	
		For >50 To 100, Deduct	*-39.12*	
		For >100, Deduct	*-59.24*	
10 51 13 00-0053	EA	18" x 18" x 60" Single Tier Athletic Locker	520.33	36.93
		For >25 To 50, Deduct	*-22.32*	
		For >50 To 100, Deduct	*-45.75*	
		For >100, Deduct	*-69.19*	
10 51 13 00-0054	EA	18" x 21" x 60" Single Tier Athletic Locker	573.08	36.93
		For >25 To 50, Deduct	*-24.96*	
		For >50 To 100, Deduct	*-51.03*	
		For >100, Deduct	*-77.10*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0055	EA	18" x 24" x 60" Single Tier Athletic Locker	609.15	36.93
		For >25 To 50, Deduct	*-26.76*	
		For >50 To 100, Deduct	*-54.64*	
		For >100, Deduct	*-82.51*	
10 51 13 00-0056	EA	12" x 15" x 72" Single Tier Athletic Locker	430.94	36.93
		For >25 To 50, Deduct	*-17.85*	
		For >50 To 100, Deduct	*-36.82*	
		For >100, Deduct	*-55.78*	
10 51 13 00-0057	EA	12" x 18" x 72" Single Tier Athletic Locker	456.89	36.93
		For >25 To 50, Deduct	*-19.15*	
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-59.67*	
10 51 13 00-0058	EA	15" x 15" x 72" Single Tier Athletic Locker	466.01	36.93
		For >25 To 50, Deduct	*-19.61*	
		For >50 To 100, Deduct	*-40.32*	
		For >100, Deduct	*-61.04*	
10 51 13 00-0059	EA	15" x 18" x 72" Single Tier Athletic Locker	482.66	36.93
		For >25 To 50, Deduct	*-20.44*	
		For >50 To 100, Deduct	*-41.99*	
		For >100, Deduct	*-63.54*	
10 51 13 00-0060	EA	18" x 18" x 72" Single Tier Athletic Locker	523.73	36.93
		For >25 To 50, Deduct	*-22.49*	
		For >50 To 100, Deduct	*-46.09*	
		For >100, Deduct	*-69.70*	
10 51 13 00-0061	EA	18" x 21" x 72" Single Tier Athletic Locker	566.78	36.93
		For >25 To 50, Deduct	*-24.65*	
		For >50 To 100, Deduct	*-50.40*	
		For >100, Deduct	*-76.15*	

10 51 13 00-0062 Two Tier Athletic Locker *(10 51 13 00-0047)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0063	EA	12" x 12" x 60" Two Tier Athletic Locker	465.38	38.09
		For >25 To 50, Deduct	*-19.46*	
		For >50 To 100, Deduct	*-40.06*	
		For >100, Deduct	*-60.67*	
10 51 13 00-0064	EA	12" x 15" x 60" Two Tier Athletic Locker	480.71	38.09
		For >25 To 50, Deduct	*-20.23*	
		For >50 To 100, Deduct	*-41.60*	
		For >100, Deduct	*-62.96*	
10 51 13 00-0065	EA	12" x 18" x 60" Two Tier Athletic Locker	497.97	38.09
		For >25 To 50, Deduct	*-21.09*	
		For >50 To 100, Deduct	*-43.32*	
		For >100, Deduct	*-65.55*	
10 51 13 00-0066	EA	15" x 15" x 60" Two Tier Athletic Locker	499.65	38.09
		For >25 To 50, Deduct	*-21.17*	
		For >50 To 100, Deduct	*-43.49*	
		For >100, Deduct	*-65.81*	
10 51 13 00-0067	EA	15" x 18" x 60" Two Tier Athletic Locker	503.24	38.09
		For >25 To 50, Deduct	*-21.35*	
		For >50 To 100, Deduct	*-43.85*	
		For >100, Deduct	*-66.34*	
10 51 13 00-0068	EA	18" x 18" x 60" Two Tier Athletic Locker	533.57	38.09
		For >25 To 50, Deduct	*-22.87*	
		For >50 To 100, Deduct	*-46.88*	
		For >100, Deduct	*-70.89*	
10 51 13 00-0069	EA	18" x 21" x 60" Two Tier Athletic Locker	555.78	38.09
		For >25 To 50, Deduct	*-23.98*	
		For >50 To 100, Deduct	*-49.10*	
		For >100, Deduct	*-74.23*	
10 51 13 00-0070	EA	18" x 24" x 60" Two Tier Athletic Locker	654.98	38.09
		For >25 To 50, Deduct	*-28.94*	
		For >50 To 100, Deduct	*-59.02*	
		For >100, Deduct	*-89.11*	
10 51 13 00-0071	EA	12" x 12" x 72" Two Tier Athletic Locker	481.98	38.09
		For >25 To 50, Deduct	*-20.29*	
		For >50 To 100, Deduct	*-41.72*	
		For >100, Deduct	*-63.16*	
10 51 13 00-0072	EA	12" x 15" x 72" Two Tier Athletic Locker	497.68	38.09
		For >25 To 50, Deduct	*-21.08*	
		For >50 To 100, Deduct	*-43.29*	
		For >100, Deduct	*-65.51*	
10 51 13 00-0073	EA	12" x 18" x 72" Two Tier Athletic Locker	519.09	38.09
		For >25 To 50, Deduct	*-22.15*	
		For >50 To 100, Deduct	*-45.43*	
		For >100, Deduct	*-68.72*	
10 51 13 00-0074	EA	15" x 15" x 72" Two Tier Athletic Locker	522.33	38.09
		For >25 To 50, Deduct	*-22.31*	
		For >50 To 100, Deduct	*-45.76*	
		For >100, Deduct	*-69.21*	
10 51 13 00-0075	EA	15" x 18" x 72" Two Tier Athletic Locker	539.93	38.09
		For >25 To 50, Deduct	*-23.19*	
		For >50 To 100, Deduct	*-47.52*	
		For >100, Deduct	*-71.85*	
10 51 13 00-0076	EA	18" x 18" x 72" Two Tier Athletic Locker	561.54	38.09
		For >25 To 50, Deduct	*-24.27*	
		For >50 To 100, Deduct	*-49.68*	
		For >100, Deduct	*-75.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0077	EA	18" x 21" x 72" Two Tier Athletic Locker	610.05	38.09
		For >25 To 50, Deduct	*-26.69*	
		For >50 To 100, Deduct	*-54.53*	
		For >100, Deduct	*-82.37*	
10 51 13 00-0078		**Three Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one double hook per tier.		
10 51 13 00-0079	EA	12" x 12" x 60" Three Tier Athletic Locker	504.61	39.24
		For >25 To 50, Deduct	*-21.31*	
		For >50 To 100, Deduct	*-43.79*	
		For >100, Deduct	*-66.27*	
10 51 13 00-0080	EA	12" x 15" x 60" Three Tier Athletic Locker	529.46	39.24
		For >25 To 50, Deduct	*-22.55*	
		For >50 To 100, Deduct	*-46.28*	
		For >100, Deduct	*-70.00*	
10 51 13 00-0081	EA	12" x 18" x 60" Three Tier Athletic Locker	551.43	39.24
		For >25 To 50, Deduct	*-23.65*	
		For >50 To 100, Deduct	*-48.47*	
		For >100, Deduct	*-73.30*	
10 51 13 00-0082	EA	15" x 15" x 60" Three Tier Athletic Locker	566.35	39.24
		For >25 To 50, Deduct	*-24.39*	
		For >50 To 100, Deduct	*-49.96*	
		For >100, Deduct	*-75.53*	
10 51 13 00-0083	EA	15" x 18" x 60" Three Tier Athletic Locker	591.19	39.24
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-52.45*	
		For >100, Deduct	*-79.26*	
10 51 13 00-0084	EA	12" x 12" x 72" Three Tier Athletic Locker	532.91	39.24
		For >25 To 50, Deduct	*-22.72*	
		For >50 To 100, Deduct	*-46.62*	
		For >100, Deduct	*-70.52*	
10 51 13 00-0085	EA	12" x 15" x 72" Three Tier Athletic Locker	555.36	39.24
		For >25 To 50, Deduct	*-23.84*	
		For >50 To 100, Deduct	*-48.87*	
		For >100, Deduct	*-73.89*	
10 51 13 00-0086	EA	12" x 18" x 72" Three Tier Athletic Locker	586.32	39.24
		For >25 To 50, Deduct	*-25.39*	
		For >50 To 100, Deduct	*-51.96*	
		For >100, Deduct	*-78.53*	
10 51 13 00-0087	EA	15" x 15" x 72" Three Tier Athletic Locker	602.17	39.24
		For >25 To 50, Deduct	*-26.18*	
		For >50 To 100, Deduct	*-53.55*	
		For >100, Deduct	*-80.91*	
10 51 13 00-0088	EA	15" x 18" x 72" Three Tier Athletic Locker	625.95	39.24
		For >25 To 50, Deduct	*-27.37*	
		For >50 To 100, Deduct	*-55.92*	
		For >100, Deduct	*-84.47*	
10 51 13 00-0089		**Four Tier Athletic Locker** *(10 51 13 00-0047)*		
10 51 13 00-0090	EA	12" x 12" x 60" Four Tier Athletic Locker	464.53	40.39
		For >25 To 50, Deduct	*-19.19*	
		For >50 To 100, Deduct	*-39.59*	
		For >100, Deduct	*-59.98*	
10 51 13 00-0091	EA	12" x 15" x 60" Four Tier Athletic Locker	494.96	40.39
		For >25 To 50, Deduct	*-20.71*	
		For >50 To 100, Deduct	*-42.63*	
		For >100, Deduct	*-64.55*	
10 51 13 00-0092	EA	12" x 18" x 60" Four Tier Athletic Locker	525.40	40.39
		For >25 To 50, Deduct	*-22.23*	
		For >50 To 100, Deduct	*-45.67*	
		For >100, Deduct	*-69.12*	
10 51 13 00-0093	EA	15" x 15" x 60" Four Tier Athletic Locker	537.83	40.39
		For >25 To 50, Deduct	*-22.85*	
		For >50 To 100, Deduct	*-46.92*	
		For >100, Deduct	*-70.98*	
10 51 13 00-0094	EA	15" x 18" x 60" Four Tier Athletic Locker	587.83	40.39
		For >25 To 50, Deduct	*-25.35*	
		For >50 To 100, Deduct	*-51.92*	
		For >100, Deduct	*-78.48*	
10 51 13 00-0095	EA	12" x 12" x 72" Four Tier Athletic Locker	495.49	40.39
		For >25 To 50, Deduct	*-20.74*	
		For >50 To 100, Deduct	*-42.68*	
		For >100, Deduct	*-64.63*	
10 51 13 00-0096	EA	12" x 15" x 72" Four Tier Athletic Locker	526.37	40.39
		For >25 To 50, Deduct	*-22.28*	
		For >50 To 100, Deduct	*-45.77*	
		For >100, Deduct	*-69.26*	
10 51 13 00-0097	EA	12" x 18" x 72" Four Tier Athletic Locker	557.23	40.39
		For >25 To 50, Deduct	*-23.82*	
		For >50 To 100, Deduct	*-48.86*	
		For >100, Deduct	*-73.89*	
10 51 13 00-0098	EA	15" x 15" x 72" Four Tier Athletic Locker	573.04	40.39
		For >25 To 50, Deduct	*-24.61*	
		For >50 To 100, Deduct	*-50.44*	
		For >100, Deduct	*-76.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0099	EA	15" x 18" x 72" Four Tier Athletic Locker	584.90	40.39
		For >25 To 50, Deduct	*-25.21*	
		For >50 To 100, Deduct	*-51.62*	
		For >100, Deduct	*-78.04*	
10 51 13 00-0100		**Six Tier Athletic Locker** *(10 51 13 00-0047)*		
10 51 13 00-0101	EA	12" x 12" x 72" Six Tier Athletic Locker	549.72	41.55
		For >25 To 50, Deduct	*-23.33*	
		For >50 To 100, Deduct	*-47.91*	
		For >100, Deduct	*-72.49*	
10 51 13 00-0102	EA	12" x 15" x 72" Six Tier Athletic Locker	573.43	41.55
		For >25 To 50, Deduct	*-24.52*	
		For >50 To 100, Deduct	*-50.28*	
		For >100, Deduct	*-76.04*	
10 51 13 00-0103	EA	12" x 18" x 72" Six Tier Athletic Locker	597.10	41.55
		For >25 To 50, Deduct	*-25.70*	
		For >50 To 100, Deduct	*-52.65*	
		For >100, Deduct	*-79.59*	
10 51 13 00-0104	EA	12" x 21" x 72" Six Tier Athletic Locker	683.50	41.55
		For >25 To 50, Deduct	*-30.02*	
		For >50 To 100, Deduct	*-61.29*	
		For >100, Deduct	*-92.55*	
10 51 13 00-0105		**Metal Locker Accessories** *(10 51 13)*		
10 51 13 00-0106		**Locker Slope Tops** *(10 51 13 00-0105)*		
10 51 13 00-0107		**16 Gauge Continuous Sloping Hood** *(10 51 13 00-0106)*		
10 51 13 00-0108	LF	12" Deep, 16 Gauge Continuous Slope Top	34.52	4.61
10 51 13 00-0109	LF	15" Deep, 16 Gauge Continuous Slope Top	29.13	4.61
10 51 13 00-0110	LF	18" Deep, 16 Gauge Continuous Slope Top	40.05	4.61
10 51 13 00-0111	LF	21" Deep, 16 Gauge Continuous Slope Top	44.25	4.61
10 51 13 00-0112	LF	24" Deep, 16 Gauge Continuous Slope Top	46.22	4.61
10 51 13 00-0113		**16 Gauge Slope Top Corner Fillers** *(10 51 13 00-0106)*		
10 51 13 00-0114	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	142.96	4.61
10 51 13 00-0115	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	146.02	4.61
10 51 13 00-0116	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	149.07	4.61
10 51 13 00-0117	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	152.76	4.61
10 51 13 00-0118	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	156.42	4.61
10 51 13 00-0119		**20 Gauge Individual Slope Top** *(10 51 13 00-0106)*		
10 51 13 00-0120	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	29.66	4.61
10 51 13 00-0121	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	29.46	4.61
10 51 13 00-0122	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	32.79	4.61
10 51 13 00-0123	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	32.79	4.61
10 51 13 00-0124	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	33.58	4.61
10 51 13 00-0125	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	36.72	4.61
10 51 13 00-0126	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	36.72	4.61
10 51 13 00-0127	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	40.85	4.61
10 51 13 00-0128	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	45.77	4.61
10 51 13 00-0129		**Continuous Slope Top End Closures** *(10 51 13 00-0106)*		
10 51 13 00-0130	PR	12" Deep, Continuous Slope Top End Closures	31.62	4.61
10 51 13 00-0131	PR	15" Deep, Continuous Slope Top End Closures	26.87	4.61
10 51 13 00-0132	PR	18" Deep, Continuous Slope Top End Closures	35.53	4.61
10 51 13 00-0133	PR	21" Deep, Continuous Slope Top End Closures	37.51	4.61
10 51 13 00-0134	PR	24" Deep, Continuous Slope Top End Closures	38.85	4.61
10 51 13 00-0135		**Individual Slope Top End Closures** *(10 51 13 00-0106)*		
10 51 13 00-0136	EA	12" Deep, Individual Slope Top End Closures	20.43	4.61
10 51 13 00-0137	EA	15" Deep, Individual Slope Top End Closures	21.04	4.61
10 51 13 00-0138	EA	18" Deep, Individual Slope Top End Closures	22.41	4.61
10 51 13 00-0139	EA	21" Deep, Individual Slope Top End Closures	23.36	4.61
10 51 13 00-0140	EA	24" Deep, Individual Slope Top End Closures	33.04	4.61
10 51 13 00-0141		**Locker Base** *(10 51 13 00-0105)*		
10 51 13 00-0142		**Closed Front Base** *(10 51 13 00-0141)*		
10 51 13 00-0143	EA	12" Wide, 6" High Closed Front Base	21.48	4.61
10 51 13 00-0144	EA	15" Wide, 6" High Closed Front Base	22.51	4.61
10 51 13 00-0145	EA	18" Wide, 6" High Closed Front Base	24.64	4.61
10 51 13 00-0146	EA	24" Wide, 6" High Closed Front Base	25.67	4.61
10 51 13 00-0147		**Closed End Base** *(10 51 13 00-0141)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0148	EA	12" Deep, 6" High Closed End Base	24.32	4.61
10 51 13 00-0149	EA	15" Deep, 6" High Closed End Base	24.50	4.61
10 51 13 00-0150	EA	18" Deep, 6" High Closed End Base	25.89	4.61
10 51 13 00-0151	EA	21" Deep, 6" High Closed End Base	27.25	4.61
10 51 13 00-0152	EA	24" Deep, 6" High Closed End Base	29.11	4.61
10 51 13 00-0153		Recessed Continuous Front "Z" Base *(10 51 13 00-0141)*		
10 51 13 00-0154	LF	4" High Recessed Continuous Front "Z" Base	25.54	3.46
10 51 13 00-0155		"Z" Base Ends Or Splice *(10 51 13 00-0141)*		
10 51 13 00-0156	EA	12" Wide, 4" High Z-Base Ends Or Splice	25.43	4.61
10 51 13 00-0157	EA	15" Wide, 4" High Z-Base Ends Or Splice	29.46	4.61
10 51 13 00-0158	EA	18" Wide, 4" High Z-Base Ends Or Splice	33.58	4.61
10 51 13 00-0159	EA	21" Wide, 4" High Z-Base Ends Or Splice	37.91	4.61
10 51 13 00-0160	EA	24" Wide, 4" High Z-Base Ends Or Splice	42.22	4.61
10 51 13 00-0161		Locker Front Fillers And End Panels *(10 51 13 00-0105)*		
10 51 13 00-0162		Locker Front Fillers *(10 51 13 00-0161)*		
10 51 13 00-0163	EA	6" Wide x 48" High, 16 Gauge Front Filler	33.13	5.77
10 51 13 00-0164	EA	12" Wide x 48" High, 16 Gauge Front Filler	53.73	5.77
10 51 13 00-0165	EA	6" Wide x 60" High, 16 Gauge Front Filler	41.59	5.77
10 51 13 00-0166	EA	12" Wide x 60" High, 16 Gauge Front Filler	64.28	5.77
10 51 13 00-0167	EA	6" Wide x 66" High, 16 Gauge Front Filler	45.29	5.77
10 51 13 00-0168	EA	12" Wide x 66" High, 16 Gauge Front Filler	50.90	5.77
10 51 13 00-0169	EA	6" Wide x 72" High, 16 Gauge Front Filler	49.58	5.77
10 51 13 00-0170	EA	12" Wide x 72" High, 16 Gauge Front Filler	70.41	5.77
10 51 13 00-0171	EA	6" Wide x 78" High, 16 Gauge Front Filler	50.76	5.77
10 51 13 00-0172	EA	12" Wide x 78" High, 16 Gauge Front Filler	59.18	5.77
10 51 13 00-0173		Locker End Panels *(10 51 13 00-0161)*		
10 51 13 00-0174	EA	12" Deep x 48" High, 16 Gauge End Panel	54.67	4.61
10 51 13 00-0175	EA	15" Deep x 48" High, 16 Gauge End Panel	66.79	4.61
10 51 13 00-0176	EA	18" Deep x 48" High, 16 Gauge End Panel	78.45	4.61
10 51 13 00-0177	EA	12" Deep x 60" High, 16 Gauge End Panel	64.59	4.61
10 51 13 00-0178	EA	15" Deep x 60" High, 16 Gauge End Panel	73.29	4.61
10 51 13 00-0179	EA	18" Deep x 60" High, 16 Gauge End Panel	86.97	4.61
10 51 13 00-0180	EA	12" Deep x 72" High, 16 Gauge End Panel	76.16	4.61
10 51 13 00-0181	EA	15" Deep x 72" High, 16 Gauge End Panel	86.74	4.61
10 51 13 00-0182	EA	18" Deep x 72" High, 16 Gauge End Panel	100.81	4.61
10 51 13 00-0183	EA	21" Deep x 72" High, 16 Gauge End Panel	116.09	4.61
10 51 13 00-0184		Locker Recessed Trim *(10 51 13 00-0105)*		
10 51 13 00-0185	LF	3" Height, Top Trim For Recessed Lockers	11.19	2.31
10 51 13 00-0186	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	30.99	4.61
10 51 13 00-0187	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	47.30	4.61
10 51 13 00-0188	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	49.02	4.61
10 51 13 00-0189	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	50.74	4.61
10 51 13 00-0190	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	52.24	4.61
10 51 13 00-0191		Locker Interior Accessories *(10 51 13 00-0105)*		
10 51 13 00-0192		Locker Coat Rods *(10 51 13 00-0191)*		
10 51 13 00-0193	EA	12" Wide Coat Rod	16.64	4.61
10 51 13 00-0194	EA	15" Wide Coat Rod	18.24	4.61
10 51 13 00-0195	EA	18" Wide Coat Rod	19.66	4.61
10 51 13 00-0196	EA	24" Wide Coat Rod	20.92	4.61
10 51 13 00-0197		Locker Hat Shelf *(10 51 13 00-0191)*		
10 51 13 00-0198	EA	12" Wide Hat Shelf	20.01	4.61
10 51 13 00-0199	EA	15" Wide Hat Shelf	23.47	4.61
10 51 13 00-0200	EA	18" Wide Hat Shelf	24.94	4.61
10 51 13 00-0201	EA	24" Wide Hat Shelf	30.71	4.61
10 51 13 00-0202		Locker ADA Compliant Shelf *(10 51 13 00-0191)*		
10 51 13 00-0203	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	39.57	5.77
10 51 13 00-0204		Other Interior Locker Accessories *(10 51 13 00-0191)*		
10 51 13 00-0205	EA	3" x 10" Bent Plate Shoe Rack	52.37	4.61
10 51 13 00-0206	EA	8" x 10" Mirror	41.59	4.61
10 51 13 00-0207	EA	Additional Hook	11.94	4.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0208		**Locker Locks** *(10 51 13 00-0105)*		
10 51 13 00-0209	EA	Built In Combination Lock	45.62	4.61
10 51 13 00-0210		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0211	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,135.80	86.55
10 51 13 00-0212	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,825.72	86.55
10 51 13 00-0213		**All-Welded Steel Lockers** *(10 51 13)*		
10 51 13 00-0214		**All-Welded Steel Lockers** *(10 51 13 00-0213)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0215		**Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0216	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	189.71	20.20
		For >25 To 50, Deduct	*-8.04*	
		For >50 To 100, Deduct	*-16.52*	
		For >100, Deduct	*-24.99*	
10 51 13 00-0217	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	199.20	20.20
		For >25 To 50, Deduct	*-8.52*	
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-26.42*	
10 51 13 00-0218	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	208.35	20.20
		For >25 To 50, Deduct	*-8.98*	
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-27.79*	
10 51 13 00-0219	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	197.55	20.20
		For >25 To 50, Deduct	*-8.44*	
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-26.17*	
10 51 13 00-0220	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	206.69	20.20
		For >25 To 50, Deduct	*-8.89*	
		For >50 To 100, Deduct	*-18.22*	
		For >100, Deduct	*-27.54*	
10 51 13 00-0221	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	215.83	20.20
		For >25 To 50, Deduct	*-9.35*	
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-28.91*	
10 51 13 00-0222	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	208.89	22.22
		For >25 To 50, Deduct	*-8.86*	
		For >50 To 100, Deduct	*-18.19*	
		For >100, Deduct	*-27.52*	
10 51 13 00-0223	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	217.35	22.22
		For >25 To 50, Deduct	*-9.28*	
		For >50 To 100, Deduct	*-19.04*	
		For >100, Deduct	*-28.79*	
10 51 13 00-0224	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	226.49	22.22
		For >25 To 50, Deduct	*-9.74*	
		For >50 To 100, Deduct	*-19.95*	
		For >100, Deduct	*-30.16*	
10 51 13 00-0225	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	235.04	22.22
		For >25 To 50, Deduct	*-10.17*	
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-31.45*	
10 51 13 00-0226	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	242.09	22.22
		For >25 To 50, Deduct	*-10.52*	
		For >50 To 100, Deduct	*-21.51*	
		For >100, Deduct	*-32.50*	
10 51 13 00-0227	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	251.80	22.22
		For >25 To 50, Deduct	*-11.00*	
		For >50 To 100, Deduct	*-22.48*	
		For >100, Deduct	*-33.96*	
10 51 13 00-0228	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	262.73	22.22
		For >25 To 50, Deduct	*-11.55*	
		For >50 To 100, Deduct	*-23.58*	
		For >100, Deduct	*-35.60*	
10 51 13 00-0229	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	427.35	22.22
		For >25 To 50, Deduct	*-19.78*	
		For >50 To 100, Deduct	*-40.04*	
		For >100, Deduct	*-60.29*	
10 51 13 00-0230		**Two Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0231	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	227.18	20.20
		For >25 To 50, Deduct	*-9.92*	
		For >50 To 100, Deduct	*-20.27*	
		For >100, Deduct	*-30.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0232	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	231.38	20.20
		For >25 To 50, Deduct	*-10.13*	
		For >50 To 100, Deduct	*-20.69*	
		For >100, Deduct	*-31.25*	
10 51 13 00-0233	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	242.64	20.20
		For >25 To 50, Deduct	*-10.69*	
		For >50 To 100, Deduct	*-21.81*	
		For >100, Deduct	*-32.93*	
10 51 13 00-0234	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	237.07	22.22
		For >25 To 50, Deduct	*-10.27*	
		For >50 To 100, Deduct	*-21.01*	
		For >100, Deduct	*-31.75*	
10 51 13 00-0235	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	252.59	22.22
		For >25 To 50, Deduct	*-11.04*	
		For >50 To 100, Deduct	*-22.56*	
		For >100, Deduct	*-34.08*	
10 51 13 00-0236	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	261.05	22.22
		For >25 To 50, Deduct	*-11.47*	
		For >50 To 100, Deduct	*-23.41*	
		For >100, Deduct	*-35.35*	
10 51 13 00-0237	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	273.11	22.22
		For >25 To 50, Deduct	*-12.07*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-37.16*	
10 51 13 00-0238	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	278.79	22.22
		For >25 To 50, Deduct	*-12.35*	
		For >50 To 100, Deduct	*-25.18*	
		For >100, Deduct	*-38.01*	
10 51 13 00-0239	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	295.15	22.22
		For >25 To 50, Deduct	*-13.17*	
		For >50 To 100, Deduct	*-26.82*	
		For >100, Deduct	*-40.46*	
10 51 13 00-0240	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	307.82	22.22
		For >25 To 50, Deduct	*-13.80*	
		For >50 To 100, Deduct	*-28.08*	
		For >100, Deduct	*-42.36*	

10 51 13 00-0241 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0242	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	280.79	22.22
		For >25 To 50, Deduct	*-12.45*	
		For >50 To 100, Deduct	*-25.38*	
		For >100, Deduct	*-38.31*	
10 51 13 00-0243	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	287.15	22.22
		For >25 To 50, Deduct	*-12.77*	
		For >50 To 100, Deduct	*-26.02*	
		For >100, Deduct	*-39.26*	
10 51 13 00-0244	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	293.47	22.22
		For >25 To 50, Deduct	*-13.09*	
		For >50 To 100, Deduct	*-26.65*	
		For >100, Deduct	*-40.21*	
10 51 13 00-0245	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	308.42	22.22
		For >25 To 50, Deduct	*-13.83*	
		For >50 To 100, Deduct	*-28.14*	
		For >100, Deduct	*-42.45*	
10 51 13 00-0246	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	311.18	22.22
		For >25 To 50, Deduct	*-13.97*	
		For >50 To 100, Deduct	*-28.42*	
		For >100, Deduct	*-42.87*	

10 51 13 00-0247 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

10 51 13 00-0248	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	265.71	22.22
		For >25 To 50, Deduct	*-11.70*	
		For >50 To 100, Deduct	*-23.87*	
		For >100, Deduct	*-36.05*	
10 51 13 00-0249	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	271.72	22.22
		For >25 To 50, Deduct	*-12.00*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.95*	
10 51 13 00-0250	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	277.68	22.22
		For >25 To 50, Deduct	*-12.30*	
		For >50 To 100, Deduct	*-25.07*	
		For >100, Deduct	*-37.84*	
10 51 13 00-0251	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	291.75	22.22
		For >25 To 50, Deduct	*-13.00*	
		For >50 To 100, Deduct	*-26.48*	
		For >100, Deduct	*-39.95*	
10 51 13 00-0252	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	294.31	22.22
		For >25 To 50, Deduct	*-13.13*	
		For >50 To 100, Deduct	*-26.73*	
		For >100, Deduct	*-40.34*	

10 51 13 00-0253 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0254	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	275.05	22.22
		For >25 To 50, Deduct	*-12.17*	
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-37.45*	
10 51 13 00-0255	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	283.82	22.22
		For >25 To 50, Deduct	*-12.60*	
		For >50 To 100, Deduct	*-25.68*	
		For >100, Deduct	*-38.76*	
10 51 13 00-0256	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	290.27	22.22
		For >25 To 50, Deduct	*-12.93*	
		For >50 To 100, Deduct	*-26.33*	
		For >100, Deduct	*-39.73*	

10 51 13 00-0257 All Welded Locker Accessories *(10 51 13 00-0213)*

10 51 13 00-0258	EA	ADA Requirements For All Welded Lockers	131.84	
10 51 13 00-0259	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	212.66	4.61
10 51 13 00-0260	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	246.56	4.61
10 51 13 00-0261	EA	Recessed Trim For All Welded Lockers	149.87	4.61
10 51 13 00-0262	EA	Built In Combination Lock For All Welded Lockers	45.62	4.61
10 51 13 00-0263	EA	Pad Lock For All Welded Lockers	40.63	4.61

10 51 26 Plastic Lockers *(10 51)*

10 51 26 00-0001 Solid Plastic Lockers *(10 51 26)*

Note: Price per frame. High-density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	664.31	35.78
		For >50 To 100, Deduct	*-59.28*	
		For >100, Deduct	*-91.06*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	676.21	35.78
		For >50 To 100, Deduct	*-60.47*	
		For >100, Deduct	*-92.85*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	688.10	35.78
		For >50 To 100, Deduct	*-61.66*	
		For >100, Deduct	*-94.63*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	705.94	35.78
		For >50 To 100, Deduct	*-63.44*	
		For >100, Deduct	*-97.31*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	687.07	35.78
		For >50 To 100, Deduct	*-61.55*	
		For >100, Deduct	*-94.47*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	692.08	35.78
		For >50 To 100, Deduct	*-62.05*	
		For >100, Deduct	*-95.23*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	683.28	35.78
		For >50 To 100, Deduct	*-61.17*	
		For >100, Deduct	*-93.91*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	732.38	35.78
		For >50 To 100, Deduct	*-66.08*	
		For >100, Deduct	*-101.27*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	721.06	35.78
		For >50 To 100, Deduct	*-64.95*	
		For >100, Deduct	*-99.57*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	734.27	35.78
		For >50 To 100, Deduct	*-66.27*	
		For >100, Deduct	*-101.55*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	747.48	35.78
		For >50 To 100, Deduct	*-67.59*	
		For >100, Deduct	*-103.54*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	777.70	35.78
		For >50 To 100, Deduct	*-70.62*	
		For >100, Deduct	*-108.07*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	819.24	35.78
		For >50 To 100, Deduct	*-74.77*	
		For >100, Deduct	*-114.30*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	781.46	35.78
		For >50 To 100, Deduct	*-70.99*	
		For >100, Deduct	*-108.63*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	849.43	35.78
		For >50 To 100, Deduct	*-77.79*	
		For >100, Deduct	*-118.83*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	726.32	35.78
		For >50 To 100, Deduct	*-65.48*	
		For >100, Deduct	*-100.36*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	765.05	35.78
		For >50 To 100, Deduct	*-69.35*	
		For >100, Deduct	*-106.17*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	803.81	35.78
		For >50 To 100, Deduct	*-73.23*	
		For >100, Deduct	*-111.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	775.42	35.78
		For >50 To 100, Deduct	*-70.39*	
		For >100, Deduct	*-107.73*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	816.48	35.78
		For >50 To 100, Deduct	*-74.49*	
		For >100, Deduct	*-113.89*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	857.56	35.78
		For >50 To 100, Deduct	*-78.60*	
		For >100, Deduct	*-120.05*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	824.53	35.78
		For >50 To 100, Deduct	*-75.30*	
		For >100, Deduct	*-115.09*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	867.93	35.78
		For >50 To 100, Deduct	*-79.64*	
		For >100, Deduct	*-121.60*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	831.51	36.93
		For >50 To 100, Deduct	*-75.77*	
		For >100, Deduct	*-115.86*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	874.94	36.93
		For >50 To 100, Deduct	*-80.11*	
		For >100, Deduct	*-122.38*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	918.31	36.93
		For >50 To 100, Deduct	*-84.45*	
		For >100, Deduct	*-128.88*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	887.87	36.93
		For >50 To 100, Deduct	*-81.40*	
		For >100, Deduct	*-124.32*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	933.67	36.93
		For >50 To 100, Deduct	*-85.98*	
		For >100, Deduct	*-131.19*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	979.42	36.93
		For >50 To 100, Deduct	*-90.56*	
		For >100, Deduct	*-138.05*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	932.79	36.93
		For >50 To 100, Deduct	*-85.89*	
		For >100, Deduct	*-131.06*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	992.34	36.93
		For >50 To 100, Deduct	*-91.85*	
		For >100, Deduct	*-139.99*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	1,040.44	36.93
		For >50 To 100, Deduct	*-96.66*	
		For >100, Deduct	*-147.20*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	746.02	36.93
		For >50 To 100, Deduct	*-67.22*	
		For >100, Deduct	*-103.04*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	757.35	36.93
		For >50 To 100, Deduct	*-68.35*	
		For >100, Deduct	*-104.74*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	774.33	36.93
		For >50 To 100, Deduct	*-70.05*	
		For >100, Deduct	*-107.29*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	768.68	36.93
		For >50 To 100, Deduct	*-69.48*	
		For >100, Deduct	*-106.44*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	798.89	36.93
		For >50 To 100, Deduct	*-72.50*	
		For >100, Deduct	*-110.97*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	870.63	36.93
		For >50 To 100, Deduct	*-79.68*	
		For >100, Deduct	*-121.73*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	776.24	36.93
		For >50 To 100, Deduct	*-70.24*	
		For >100, Deduct	*-107.57*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	812.78	36.93
		For >50 To 100, Deduct	*-73.89*	
		For >100, Deduct	*-113.05*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	878.19	36.93
		For >50 To 100, Deduct	*-80.43*	
		For >100, Deduct	*-122.87*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	772.01	36.93
		For >50 To 100, Deduct	*-69.82*	
		For >100, Deduct	*-106.94*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	831.15	36.93
		For >50 To 100, Deduct	*-75.73*	
		For >100, Deduct	*-115.81*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	848.05	36.93
		For >50 To 100, Deduct	*-77.42*	
		For >100, Deduct	*-118.34*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	841.03	36.93
		For >50 To 100, Deduct	*-76.72*	
		For >100, Deduct	*-117.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	880.23	36.93
		For >50 To 100, Deduct	*-80.64*	
		For >100, Deduct	*-123.17*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	887.89	36.93
		For >50 To 100, Deduct	*-81.40*	
		For >100, Deduct	*-124.32*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	929.33	36.93
		For >50 To 100, Deduct	*-85.55*	
		For >100, Deduct	*-130.54*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	970.77	36.93
		For >50 To 100, Deduct	*-89.69*	
		For >100, Deduct	*-136.75*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	894.67	38.09
		For >50 To 100, Deduct	*-81.85*	
		For >100, Deduct	*-125.06*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	936.11	38.09
		For >50 To 100, Deduct	*-85.99*	
		For >100, Deduct	*-131.28*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	957.70	38.09
		For >50 To 100, Deduct	*-88.15*	
		For >100, Deduct	*-134.51*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	948.47	38.09
		For >50 To 100, Deduct	*-87.23*	
		For >100, Deduct	*-133.13*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	992.18	38.09
		For >50 To 100, Deduct	*-91.60*	
		For >100, Deduct	*-139.69*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,035.86	38.09
		For >50 To 100, Deduct	*-95.97*	
		For >100, Deduct	*-146.24*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	956.28	38.09
		For >50 To 100, Deduct	*-88.01*	
		For >100, Deduct	*-134.30*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,048.20	38.09
		For >50 To 100, Deduct	*-97.20*	
		For >100, Deduct	*-148.09*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,094.10	38.09
		For >50 To 100, Deduct	*-101.79*	
		For >100, Deduct	*-154.97*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	734.17	38.09
		For >50 To 100, Deduct	*-65.80*	
		For >100, Deduct	*-100.99*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	765.26	38.09
		For >50 To 100, Deduct	*-68.91*	
		For >100, Deduct	*-105.65*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	793.77	38.09
		For >50 To 100, Deduct	*-71.76*	
		For >100, Deduct	*-109.93*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	799.29	38.09
		For >50 To 100, Deduct	*-72.31*	
		For >100, Deduct	*-110.75*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	865.74	38.09
		For >50 To 100, Deduct	*-78.96*	
		For >100, Deduct	*-120.72*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	866.05	38.09
		For >50 To 100, Deduct	*-78.99*	
		For >100, Deduct	*-120.77*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	902.30	38.09
		For >50 To 100, Deduct	*-82.61*	
		For >100, Deduct	*-126.20*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	938.71	38.09
		For >50 To 100, Deduct	*-86.25*	
		For >100, Deduct	*-131.67*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	975.10	38.09
		For >50 To 100, Deduct	*-89.89*	
		For >100, Deduct	*-137.12*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	945.83	38.09
		For >50 To 100, Deduct	*-86.97*	
		For >100, Deduct	*-132.73*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	984.31	38.09
		For >50 To 100, Deduct	*-90.81*	
		For >100, Deduct	*-138.51*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,022.78	38.09
		For >50 To 100, Deduct	*-94.66*	
		For >100, Deduct	*-144.28*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	952.27	39.24
		For >50 To 100, Deduct	*-87.38*	
		For >100, Deduct	*-133.42*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	990.77	39.24
		For >50 To 100, Deduct	*-91.23*	
		For >100, Deduct	*-139.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,017.79	39.24
		For >50 To 100, Deduct	*-93.93*	
		For >100, Deduct	*-143.25*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,002.23	39.24
		For >50 To 100, Deduct	*-92.38*	
		For >100, Deduct	*-140.92*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,014.43	39.24
		For >50 To 100, Deduct	*-93.60*	
		For >100, Deduct	*-142.75*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,058.40	39.24
		For >50 To 100, Deduct	*-97.99*	
		For >100, Deduct	*-149.34*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	984.76	39.24
		For >50 To 100, Deduct	*-90.63*	
		For >100, Deduct	*-138.30*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,074.17	39.24
		For >50 To 100, Deduct	*-99.57*	
		For >100, Deduct	*-151.71*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,137.47	39.24
		For >50 To 100, Deduct	*-105.90*	
		For >100, Deduct	*-161.20*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	854.48	39.24
		For >50 To 100, Deduct	*-77.60*	
		For >100, Deduct	*-118.75*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	879.71	39.24
		For >50 To 100, Deduct	*-80.12*	
		For >100, Deduct	*-122.54*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	926.24	39.24
		For >50 To 100, Deduct	*-84.78*	
		For >100, Deduct	*-129.52*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	920.56	39.24
		For >50 To 100, Deduct	*-84.21*	
		For >100, Deduct	*-128.67*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	980.84	39.24
		For >50 To 100, Deduct	*-90.24*	
		For >100, Deduct	*-137.71*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	999.85	39.24
		For >50 To 100, Deduct	*-92.14*	
		For >100, Deduct	*-140.56*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	990.41	39.24
		For >50 To 100, Deduct	*-91.19*	
		For >100, Deduct	*-139.14*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,022.51	39.24
		For >50 To 100, Deduct	*-94.40*	
		For >100, Deduct	*-143.96*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,115.04	39.24
		For >50 To 100, Deduct	*-103.66*	
		For >100, Deduct	*-157.84*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	985.08	40.39
		For >50 To 100, Deduct	*-90.43*	
		For >100, Deduct	*-138.07*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,029.83	40.39
		For >50 To 100, Deduct	*-94.90*	
		For >100, Deduct	*-144.78*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,035.66	40.39
		For >50 To 100, Deduct	*-95.49*	
		For >100, Deduct	*-145.65*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,092.04	40.39
		For >50 To 100, Deduct	*-101.13*	
		For >100, Deduct	*-154.11*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,039.86	40.39
		For >50 To 100, Deduct	*-95.91*	
		For >100, Deduct	*-146.28*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,087.14	40.39
		For >50 To 100, Deduct	*-100.64*	
		For >100, Deduct	*-153.38*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,038.06	40.39
		For >50 To 100, Deduct	*-95.73*	
		For >100, Deduct	*-146.01*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,094.70	40.39
		For >50 To 100, Deduct	*-101.39*	
		For >100, Deduct	*-154.51*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,179.57	40.39
		For >50 To 100, Deduct	*-109.88*	
		For >100, Deduct	*-167.24*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	930.10	39.81
		For >50 To 100, Deduct	*-85.05*	
		For >100, Deduct	*-129.96*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	961.34	39.81
		For >50 To 100, Deduct	*-88.17*	
		For >100, Deduct	*-134.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	992.59	39.81
		For >50 To 100, Deduct	*-91.30*	
		For >100, Deduct	*-139.33*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	972.70	39.81
		For >50 To 100, Deduct	*-89.31*	
		For >100, Deduct	*-136.35*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,028.67	39.81
		For >50 To 100, Deduct	*-94.90*	
		For >100, Deduct	*-144.74*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,055.76	39.81
		For >50 To 100, Deduct	*-97.61*	
		For >100, Deduct	*-148.81*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,046.32	39.81
		For >50 To 100, Deduct	*-96.67*	
		For >100, Deduct	*-147.39*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,076.53	39.81
		For >50 To 100, Deduct	*-99.69*	
		For >100, Deduct	*-151.92*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,174.72	39.81
		For >50 To 100, Deduct	*-109.51*	
		For >100, Deduct	*-166.65*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,015.39	40.96
		For >50 To 100, Deduct	*-93.35*	
		For >100, Deduct	*-142.48*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,050.43	40.96
		For >50 To 100, Deduct	*-96.85*	
		For >100, Deduct	*-147.73*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,085.45	40.96
		For >50 To 100, Deduct	*-100.35*	
		For >100, Deduct	*-152.98*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,073.19	40.96
		For >50 To 100, Deduct	*-99.13*	
		For >100, Deduct	*-151.15*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,097.83	40.96
		For >50 To 100, Deduct	*-101.59*	
		For >100, Deduct	*-154.84*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,134.73	40.96
		For >50 To 100, Deduct	*-105.28*	
		For >100, Deduct	*-160.38*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,106.37	40.96
		For >50 To 100, Deduct	*-102.44*	
		For >100, Deduct	*-156.12*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,148.69	40.96
		For >50 To 100, Deduct	*-106.68*	
		For >100, Deduct	*-162.47*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,197.80	40.96
		For >50 To 100, Deduct	*-111.59*	
		For >100, Deduct	*-169.84*	

10 51 26 00-0122 Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,074.05	40.39
		For >50 To 100, Deduct	*-99.33*	
		For >100, Deduct	*-151.41*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,053.52	41.55
		For >50 To 100, Deduct	*-97.04*	
		For >100, Deduct	*-148.06*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,088.51	41.55
		For >50 To 100, Deduct	*-100.54*	
		For >100, Deduct	*-153.31*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,111.86	41.55
		For >50 To 100, Deduct	*-102.88*	
		For >100, Deduct	*-156.81*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,158.51	41.55
		For >50 To 100, Deduct	*-107.54*	
		For >100, Deduct	*-163.81*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,172.14	41.55
		For >50 To 100, Deduct	*-108.91*	
		For >100, Deduct	*-165.85*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,181.87	41.55
		For >50 To 100, Deduct	*-109.88*	
		For >100, Deduct	*-167.31*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,185.74	41.55
		For >50 To 100, Deduct	*-110.27*	
		For >100, Deduct	*-167.89*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,228.52	41.55
		For >50 To 100, Deduct	*-114.54*	
		For >100, Deduct	*-174.31*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,284.93	41.55
		For >50 To 100, Deduct	*-120.18*	
		For >100, Deduct	*-182.77*	

10 51 26 00-0133 Solid Plastic Locker Accessories *(10 51 26 00-0001)*

10 51 26 00-0134 Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*
Note: Price per frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	49.65	
10 51 26 00-0136		**Recessed Bases For Solid Plastic Lockers** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	54.68	
10 51 26 00-0138		**End Panels For Solid Plastic Lockers** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	127.91	
10 51 26 00-0140		**Venting Options For Solid Plastic Locker Doors** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	50.50	
10 51 26 00-0142		**Filler Panels For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	129.85	
10 51 26 00-0144		**Locker Accessories For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	12.62	
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	37.88	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	50.50	
10 51 53		**Locker Room Benches** *(10 51)*		
10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	116.60	5.77
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	92.79	5.77
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	142.47	5.77
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	136.09	5.77
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	105.42	5.77
10 55		**Postal Specialties** *(10 50)*		
10 55 23		**Mail Boxes** *(10 55)*		
10 55 23 23		**Residential Mail Boxes** *(10 55 23)*		
10 55 23 23-0001		**Residential Mail Boxes** *(10 55 23 23)*		
10 55 23 23-0002	EA	13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate	127.74	12.98
		For Stainless Steel Sleeve, Add	*29.52*	
10 55 23 23-0003	EA	13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate	173.46	12.98
		For Stainless Steel Sleeve, Add	*29.52*	
10 55 23 23-0004	EA	8" Wide x 16.5" High x 4.25" Deep, Aluminum Or Galvanized Steel Wall Mounted Mailbox	93.80	11.55
10 55 23 23-0005	EA	20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post	138.84	14.43
10 55 23 26		**Commercial Mail Boxes** *(10 55 23)*		
10 55 23 26-0001		**Commercial Letter Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	417.33	17.31
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	482.94	17.31
10 55 23 26-0004		**Commercial Horizontal Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	82.27	17.31
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	176.39	23.08
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	106.62	14.43
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	165.62	23.08
10 55 23 26-0009		**Commercial Cluster Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	2,152.30	34.62
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,549.36	46.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,413.99	46.16
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,523.34	46.16
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,687.36	46.16
10 55 23 26-0015		Commercial 4C Mail Boxes *(10 55 23 26)*		
		Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,850.33	46.16
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	3,262.09	46.16
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	3,393.31	46.16
10 55 26		**Parcel Lockers** *(10 55)*		
10 55 26 00-0001		Parcel Lockers *(10 55 26)*		
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker	1,599.08	34.62
		Note: Two compartments.		
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker	1,900.54	46.16
		Note: Two compartments.		
10 56		**Storage Assemblies** *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 16		**Post-And-Shelf Metal Storage Shelving** *(10 56 13)*		
10 56 13 16-0001		Baked Enamel Steel Shelving *(10 56 13 16)*		
10 56 13 16-0002		7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*		
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	155.27	22.99
		For >75" To 87" High, Add	*13.50*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	155.61	24.14
		For >75" To 87" High, Add	*13.41*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	149.62	26.44
		For >75" To 87" High, Add	*12.63*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	190.06	28.74
		For >75" To 87" High, Add	*16.52*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	213.04	29.89
		For >75" To 87" High, Add	*18.64*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	205.39	32.19
		For >75" To 87" High, Add	*17.72*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	228.18	34.49
		For >75" To 87" High, Add	*19.82*	
10 56 13 16-0010		3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)*		
		Note: Adjustable shelves.		
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	111.69	11.72
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	110.50	12.53
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	124.12	13.33
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	129.08	14.14
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	148.71	15.06
10 56 13 16-0016		4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	130.23	22.99
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	105.96	24.14
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	121.52	26.44
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	128.06	28.74
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	146.31	29.89
10 56 16		**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001		Shelving *(10 56 16)*		
10 56 16 00-0002		Built-In Wood Shelving *(10 56 16 00-0001)*		
		Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	22.96	2.91
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	24.74	3.49
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	25.08	5.83
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0006		**Wood Shelving, White Pine, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	18.92	6.99
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	20.83	7.46
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	22.96	8.04
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	30.09	
10 56 16 00-0011		**Plywood Shelf With Edge Band** *(10 56 16 00-0001)*		
10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	23.40	6.99
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	36.87	8.73
10 56 16 00-0014		**Adjustable Shelf And Rod** *(10 56 16 00-0001)*		
10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	213.89	26.20
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	251.61	34.94
10 56 16 00-0017		**Prefinished Wood Shelves With Brackets And Supports** *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	20.11	6.99
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	21.91	7.46
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	70.54	11.64
10 56 16 00-0021		**Wood Shelving, Oak, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	22.89	10.95

10 56 17 Wall-Mounted Standards and Shelving *(10 56)*

10 56 17 00-0001		**Galvanized Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	91.29	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	94.58	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	102.21	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	112.07	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	114.52	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	135.64	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0008		**304 Stainless Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	151.19	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	166.14	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	181.17	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	215.71	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	236.15	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	265.68	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0015		**Laminated Particleboard, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	60.19	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	62.41	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	65.11	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	69.02	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	73.75	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	86.48	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0022		Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	89.20	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	100.71	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0025		Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	214.30	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	223.12	11.54
		For Installation On Concrete Walls, Add	*2.69*	
		For Installation On Concrete Block Walls, Add	*3.66*	
10 56 17 00-0028		Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	60.88	11.54
		For Installation On Concrete Walls, Add	*3.96*	
		For Installation On Concrete Block Walls, Add	*4.93*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	62.34	11.54
		For Installation On Concrete Walls, Add	*3.99*	
		For Installation On Concrete Block Walls, Add	*4.96*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	63.28	11.54
		For Installation On Concrete Walls, Add	*4.01*	
		For Installation On Concrete Block Walls, Add	*4.98*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	66.72	11.54
		For Installation On Concrete Walls, Add	*4.07*	
		For Installation On Concrete Block Walls, Add	*5.04*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	68.48	11.54
		For Installation On Concrete Walls, Add	*4.10*	
		For Installation On Concrete Block Walls, Add	*5.07*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	73.76	11.54
		For Installation On Concrete Walls, Add	*4.19*	
		For Installation On Concrete Block Walls, Add	*5.16*	
10 56 17 00-0035		Wall Mounted Shelving Accessories *(10 56 17)*		
10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	37.64	

10 56 29 Storage Racks *(10 56)*

10 56 29 13 Flow Storage Racks *(10 56 29)*

10 56 29 13-0001		Steel Record Storage Rack *(10 56 29 13)*		
		Note: Includes 5/8" particleboard decking.		
10 56 29 13-0002	SF	16" Depth Record Storage Racks	16.26	1.61
		Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particleboard decking. Per SF of shelving.		
10 56 29 13-0003	SF	24" Depth Record Storage Racks	12.26	1.20
		Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particleboard decking. Per SF of shelving.		
10 56 29 13-0004	SF	34" Depth Record Storage Racks	10.49	0.98
		Note: Up to 6' wide shelving. Up to 9 shelving levels. Includes 5/8" particleboard decking. Per SF of shelving.		

10 56 29 16 Pallet Storage Racks *(10 56 29)*

10 56 29 16-0001		Dry Storage Pallet Racks *(10 56 29 16)*		
		Note: Excludes decking.		
10 56 29 16-0002		18,000 Lb. Frame Pallet Racks *(10 56 29 16-0001)*		
10 56 29 16-0003	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 18,000 Lb.	15.58	2.07
		Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.		
10 56 29 16-0004	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 18,000 Lb.	17.11	2.42
		Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 29 16-0005	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.78	2.76
10 56 29 16-0006	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	13.65	1.90
10 56 29 16-0007	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	14.97	2.18
10 56 29 16-0008	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.48	2.53
10 56 29 16-0009	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	12.12	1.73
10 56 29 16-0010	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	13.30	2.01
10 56 29 16-0011	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 18,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 18,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	14.66	2.29
10 56 29 16-0012		**24,000 Lb. Frame Pallet Racks** *(10 56 29 16-0001)*		
10 56 29 16-0013	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.45	2.37
10 56 29 16-0014	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.24	2.52
10 56 29 16-0015	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	20.05	3.17
10 56 29 16-0016	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	14.48	2.18
10 56 29 16-0017	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.01	2.52
10 56 29 16-0018	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	17.70	2.91
10 56 29 16-0019	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	12.87	1.99
10 56 29 16-0020	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	14.35	2.31
10 56 29 16-0021	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 24,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 24,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	15.81	2.65
10 56 29 16-0022		**32,000 Lb. Frame Pallet Racks** *(10 56 29 16-0001)*		
10 56 29 16-0023	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	17.38	2.74
10 56 29 16-0024	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	19.42	3.19
10 56 29 16-0025	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	21.46	3.65
10 56 29 16-0026	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	15.26	2.51
10 56 29 16-0027	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.99	2.88
10 56 29 16-0028	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.87	3.35
10 56 29 16-0029	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	13.55	2.27
10 56 29 16-0030	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	15.17	2.66
10 56 29 16-0031	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 32,000 Lb. ..... Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 32,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.77	3.04
10 56 29 16-0032		**45,000 Lb. Frame Pallet Racks** *(10 56 29 16-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 29 16-0033	SF	Storage Racks 36" Deep, 24" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.63	3.15
10 56 29 16-0034	SF	Storage Racks 36" Deep, 36" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	21.00	3.67
10 56 29 16-0035	SF	Storage Racks 36" Deep, 48" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	23.38	4.19
10 56 29 16-0036	SF	Storage Racks 42" Deep, 24" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.37	2.88
10 56 29 16-0037	SF	Storage Racks 42" Deep, 36" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.38	3.32
10 56 29 16-0038	SF	Storage Racks 42" Deep, 48" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	20.58	3.85
10 56 29 16-0039	SF	Storage Racks 48" Deep, 24" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	14.55	2.62
10 56 29 16-0040	SF	Storage Racks 48" Deep, 36" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	16.41	3.06
10 56 29 16-0041	SF	Storage Racks 48" Deep, 48" Clear Height Shelf Spacing, 45,000 Lb. Note: 8' to 12' wide pair of shelving rails. 8' to 24' high, 45,000 Lb. frames with adjustable height shelving levels. Per SF of shelving area.	18.28	3.50
10 56 29 16-0042		Pallet Rack Accessories *(10 56 29 16-0001)*		
10 56 29 16-0043	EA	36" Cross Bar For 18,000 Lb. And 24,000 Lb. Pallet Racks	23.67	
10 56 29 16-0044	EA	42" Cross Bar For 18,000 Lb. And 24,000 Lb. Pallet Racks	26.11	
10 56 29 16-0045	EA	48" Cross Bar For 18,000 Lb. And 24,000 Lb. Pallet Racks	28.55	
10 56 29 16-0046	EA	3" Deep, 36" To 48" Long Pallet Support For 32,000 Lb. Pallet Racks	86.29	
10 56 29 16-0047	EA	4" Deep, 36" To 48" Long Pallet Support For 45,000 Lb. Pallet Racks	92.68	
10 56 29 16-0048	LF	36" Deep, Pallet Racks Wire Decking	27.64	
10 56 29 16-0049	LF	42" Deep, Pallet Racks Wire Decking	28.59	
10 56 29 16-0050	LF	48" Deep, Pallet Racks Wire Decking	31.54	
10 56 29 63		**Box Shelving** *(10 56 29)*		
10 56 29 63-0001		Box Shelving *(10 56 29 63)*		
10 56 29 63-0002	EA	48" Wide 60" High X 48" Deep, 9,000 Lb. Capacity, Single Tier Box Shelving	528.51	74.19

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001		Hat And Coat Rack *(10 57 13)*		
10 57 13 00-0002		Single Tier *(10 57 13 00-0001)*		
10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	71.27	5.77
		For Custom Made Units, Add	*33.58*	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel	50.80	5.77
		For Custom Made Units, Add	*21.30*	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum	146.24	5.77
		For Custom Made Units, Add	*78.56*	
10 57 13 00-0006		Double Tier *(10 57 13 00-0001)*		
10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	95.79	5.77
		For Custom Made Units, Add	*46.13*	
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel	56.98	5.77
		For Custom Made Units, Add	*22.84*	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum	251.28	5.77
		For Custom Made Units, Add	*139.42*	

10 57 43 Wardrobe Units *(10 57)*

10 57 43 00-0001		Dormitory Wardrobe Units *(10 57 43)*		
10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	2,176.21	213.74
		For Custom Made Units, Add	*1,156.13*	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	1,662.53	213.74
		For Custom Made Units, Add	*847.92*	
10 57 43 00-0004		Hospital Wardrobe Units 24" x 24" x 76" With Door *(10 57 43)*		
10 57 43 00-0005	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,203.31	213.74
		For Custom Made Units, Add	*572.39*	
10 57 43 00-0006	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,282.19	213.74
		For Custom Made Units, Add	*619.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 43 00-0007	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,714.99	213.74
		For Custom Made Units, Add	*879.39*	
10 57 43 00-0008	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door	3,490.92	213.74
		For Custom Made Units, Add	*1,944.95*	

10 70 Exterior Specialties *(10)*

10 71 Exterior Protection *(10 70)*

10 71 13 Exterior Sun Control Devices *(10 71)*

10 71 13 13 Exterior Shutters *(10 71 13)*

10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*

10 71 13 13-0002 Louvered Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	115.88	34.90
		For Colored Finish, Add	*12.48*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	125.68	36.64
		For Colored Finish, Add	*13.83*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	135.52	38.38
		For Colored Finish, Add	*15.18*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	144.49	40.13
		For Colored Finish, Add	*16.38*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	154.65	41.88
		For Colored Finish, Add	*17.79*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	165.24	43.62
		For Colored Finish, Add	*19.27*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	172.44	45.37
		For Colored Finish, Add	*20.15*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	180.43	47.11
		For Colored Finish, Add	*21.17*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	191.18	48.85
		For Colored Finish, Add	*22.69*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	205.58	50.60
		For Colored Finish, Add	*24.86*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	212.38	52.35
		For Colored Finish, Add	*25.67*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	230.47	54.09
		For Colored Finish, Add	*28.50*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	237.21	55.84
		For Colored Finish, Add	*29.30*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	249.80	57.58
		For Colored Finish, Add	*31.14*	

10 71 13 13-0017 Raised Panel Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	163.46	38.38
		For Colored Finish, Add	*20.21*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	175.23	40.13
		For Colored Finish, Add	*21.91*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	182.96	41.88
		For Colored Finish, Add	*22.88*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	195.08	43.62
		For Colored Finish, Add	*24.65*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	205.48	45.37
		For Colored Finish, Add	*26.10*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	215.28	47.11
		For Colored Finish, Add	*27.44*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	228.60	48.85
		For Colored Finish, Add	*29.42*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	246.20	50.60
		For Colored Finish, Add	*32.17*	
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	258.50	52.35
		For Colored Finish, Add	*33.97*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	272.38	54.09
		For Colored Finish, Add	*36.05*	
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	276.93	55.84
		For Colored Finish, Add	*36.45*	
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	286.91	57.58
		For Colored Finish, Add	*37.82*	

10 71 13 13-0030 Exterior Spanish Cedar Shutters *(10 71 13 13)*

10 71 13 13-0031 12" Width *(10 71 13 13-0030)*

10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	514.05	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	555.37	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	594.37	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	635.69	43.62
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	674.69	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	719.05	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	758.06	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	797.05	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	838.37	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0041		14" Width *(10 71 13 13-0030)*		
10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	544.61	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	592.04	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	637.15	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	684.58	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	729.69	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	777.11	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	822.23	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	864.27	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	911.71	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0051		16" Width *(10 71 13 13-0030)*		
10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	578.22	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	628.71	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	679.93	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	730.41	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	781.64	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	835.17	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	883.34	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	934.55	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	988.10	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0061		18" Width *(10 71 13 13-0030)*		
10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	608.78	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	665.39	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	722.71	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	779.31	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	833.58	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	893.22	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	947.51	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	1,004.83	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	1,061.44	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0071		20" Width *(10 71 13 13-0030)*		
10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	639.34	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	702.04	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	762.43	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	828.20	43.62
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	888.58	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	951.28	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	1,011.68	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	1,072.06	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	1,134.78	55.84
		For Arched Tops, Add	*150.00*	

10 71 13 13-0081 Heavy-Duty Exterior True Louver Shutters, Western Red Cedar *(10 71 13 13)*

10 71 13 13-0082 12" Width *(10 71 13 13-0081)*

10 71 13 13-0083	PR	12" x 36-1/2" Louver Shutter, Heavy-Duty Red Cedar	551.09	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0084	PR	12" x 39-1/2" Louver Shutter, Heavy-Duty Red Cedar	586.99	36.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0085	PR	12" x 44" Louver Shutter, Heavy-Duty Red Cedar	639.70	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0086	PR	12" x 47" Louver Shutter, Heavy-Duty Red Cedar	675.61	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0087	PR	12" x 51-1/2" Louver Shutter, Heavy-Duty Red Cedar	728.32	41.88
		For Arched Tops, Add	*150.00*	
10 71 13 13-0088	PR	12" x 56" Louver Shutter, Heavy-Duty Red Cedar	781.02	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0089	PR	12" x 59" Louver Shutter, Heavy-Duty Red Cedar	816.94	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0090	PR	12" x 63-1/2" Louver Shutter, Heavy-Duty Red Cedar	869.63	47.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0091	PR	12" x 68" Louver Shutter, Heavy-Duty Red Cedar	922.34	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0092	PR	12" x 72-1/2" Louver Shutter, Heavy-Duty Red Cedar	975.05	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0093	PR	12" x 75-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,010.95	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0094	PR	12" x 80" Louver Shutter, Heavy-Duty Red Cedar	1,063.66	54.09
		For Arched Tops, Add	*150.00*	
10 71 13 13-0095	PR	12" x 83" Louver Shutter, Heavy-Duty Red Cedar	1,099.58	55.84
		For Arched Tops, Add	*150.00*	

10 71 13 13-0096 14" Width *(10 71 13 13-0081)*

10 71 13 13-0097	PR	14" x 36-1/2" Louver Shutter, Heavy-Duty Red Cedar	619.19	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0098	PR	14" x 39-1/2" Louver Shutter, Heavy-Duty Red Cedar	660.69	36.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0099	PR	14" x 44" Louver Shutter, Heavy-Duty Red Cedar	721.80	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0100	PR	14" x 47" Louver Shutter, Heavy-Duty Red Cedar	763.31	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0101	PR	14" x 51-1/2" Louver Shutter, Heavy-Duty Red Cedar	824.40	41.88
		For Arched Tops, Add	*150.00*	
10 71 13 13-0102	PR	14" x 56" Louver Shutter, Heavy-Duty Red Cedar	885.51	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0103	PR	14" x 59" Louver Shutter, Heavy-Duty Red Cedar	927.02	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0104	PR	14" x 63-1/2" Louver Shutter, Heavy-Duty Red Cedar	988.11	47.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0105	PR	14" x 68" Louver Shutter, Heavy-Duty Red Cedar	1,049.21	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0106	PR	14" x 72-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,110.32	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0107	PR	14" x 75-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,151.83	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0108	PR	14" x 80" Louver Shutter, Heavy-Duty Red Cedar	1,212.93	54.09
		For Arched Tops, Add	*150.00*	
10 71 13 13-0109	PR	14" x 83" Louver Shutter, Heavy-Duty Red Cedar	1,254.43	55.84
		For Arched Tops, Add	*150.00*	

10 71 13 13-0110 15" Width *(10 71 13 13-0081)*

10 71 13 13-0111	PR	15" x 36-1/2" Louver Shutter, Heavy-Duty Red Cedar	653.24	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0112	PR	15" x 39-1/2" Louver Shutter, Heavy-Duty Red Cedar	697.54	36.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0113	PR	15" x 44" Louver Shutter, Heavy-Duty Red Cedar	762.84	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0114	PR	15" x 47" Louver Shutter, Heavy-Duty Red Cedar	807.16	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0115	PR	15" x 51-1/2" Louver Shutter, Heavy-Duty Red Cedar	872.45	41.88
		For Arched Tops, Add	*150.00*	
10 71 13 13-0116	PR	15" x 56" Louver Shutter, Heavy-Duty Red Cedar	937.75	43.62
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0117	PR	15" x 59" Louver Shutter, Heavy-Duty Red Cedar	982.06	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0118	PR	15" x 63-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,047.35	47.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0119	PR	15" x 68" Louver Shutter, Heavy-Duty Red Cedar	1,112.65	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0120	PR	15" x 72-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,177.96	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0121	PR	15" x 75-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,222.26	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0122	PR	15" x 80" Louver Shutter, Heavy-Duty Red Cedar	1,287.56	54.09
		For Arched Tops, Add	*150.00*	
10 71 13 13-0123	PR	15" x 83" Louver Shutter, Heavy-Duty Red Cedar	1,331.86	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0124		**16" Width** *(10 71 13 13-0081)*		
10 71 13 13-0125	PR	16" x 36-1/2" Louver Shutter, Heavy-Duty Red Cedar	687.29	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0126	PR	16" x 39-1/2" Louver Shutter, Heavy-Duty Red Cedar	722.73	36.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0127	PR	16" x 44" Louver Shutter, Heavy-Duty Red Cedar	803.89	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0128	PR	16" x 47" Louver Shutter, Heavy-Duty Red Cedar	851.00	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0129	PR	16" x 51-1/2" Louver Shutter, Heavy-Duty Red Cedar	920.49	41.88
		For Arched Tops, Add	*150.00*	
10 71 13 13-0130	PR	16" x 56" Louver Shutter, Heavy-Duty Red Cedar	989.99	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0131	PR	16" x 59" Louver Shutter, Heavy-Duty Red Cedar	1,037.11	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0132	PR	16" x 63-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,106.60	47.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0133	PR	16" x 68" Louver Shutter, Heavy-Duty Red Cedar	1,176.09	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0134	PR	16" x 72-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,245.60	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0135	PR	16" x 75-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,292.70	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0136	PR	16" x 80" Louver Shutter, Heavy-Duty Red Cedar	1,362.20	54.09
		For Arched Tops, Add	*150.00*	
10 71 13 13-0137	PR	16" x 83" Louver Shutter, Heavy-Duty Red Cedar	1,409.30	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0138		**18" Width** *(10 71 13 13-0081)*		
10 71 13 13-0139	PR	18" x 36-1/2" Louver Shutter, Heavy-Duty Red Cedar	755.40	34.90
		For Arched Tops, Add	*150.00*	
10 71 13 13-0140	PR	18" x 39-1/2" Louver Shutter, Heavy-Duty Red Cedar	808.09	36.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0141	PR	18" x 44" Louver Shutter, Heavy-Duty Red Cedar	885.99	38.38
		For Arched Tops, Add	*150.00*	
10 71 13 13-0142	PR	18" x 47" Louver Shutter, Heavy-Duty Red Cedar	938.70	40.13
		For Arched Tops, Add	*150.00*	
10 71 13 13-0143	PR	18" x 51-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,016.59	41.88
		For Arched Tops, Add	*150.00*	
10 71 13 13-0144	PR	18" x 56" Louver Shutter, Heavy-Duty Red Cedar	1,094.48	43.62
		For Arched Tops, Add	*150.00*	
10 71 13 13-0145	PR	18" x 59" Louver Shutter, Heavy-Duty Red Cedar	1,147.19	45.37
		For Arched Tops, Add	*150.00*	
10 71 13 13-0146	PR	18" x 63-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,225.08	47.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0147	PR	18" x 68" Louver Shutter, Heavy-Duty Red Cedar	1,302.96	48.85
		For Arched Tops, Add	*150.00*	
10 71 13 13-0148	PR	18" x 72-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,380.87	50.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0149	PR	18" x 75-1/2" Louver Shutter, Heavy-Duty Red Cedar	1,433.57	52.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0150	PR	18" x 80" Louver Shutter, Heavy-Duty Red Cedar	1,511.46	54.09
		For Arched Tops, Add	*150.00*	
10 71 13 13-0151	PR	18" x 83" Louver Shutter, Heavy-Duty Red Cedar	1,564.16	55.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0152		**Exterior Cypress Fixed Louver Wood Shutters** *(10 71 13 13)*		
10 71 13 13-0153		**6" Through 8" Width** *(10 71 13 13-0152)*		
10 71 13 13-0154	PR	6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	688.45	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0155	PR	6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	775.38	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0156	PR	6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	862.56	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0157	PR	6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	950.75	36.64
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0158	PR	6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,038.98	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0159	PR	6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,127.22	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0160	PR	6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,215.42	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0161	PR	6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,303.65	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0162	PR	6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,391.88	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0163	PR	6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,480.08	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0164	PR	6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,568.31	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0165	PR	6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,656.55	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0166	PR	6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,744.78	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0167	PR	6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	1,833.01	54.09
		For Arched Tops, Add	*65.00*	

10 71 13 13-0168 10" Through 12" Width *(10 71 13 13-0152)*

10 71 13 13-0169	PR	10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	802.13	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0170	PR	10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	904.33	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0171	PR	10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,006.56	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0172	PR	10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,109.94	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0173	PR	10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,213.31	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0174	PR	10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,316.70	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0175	PR	10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,420.09	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0176	PR	10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,523.45	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0177	PR	10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,626.85	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0178	PR	10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,730.23	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0179	PR	10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,833.58	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0180	PR	10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,936.99	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0181	PR	10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,040.34	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0182	PR	10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,143.74	54.09
		For Arched Tops, Add	*65.00*	

10 71 13 13-0183 14" Through 16" Width *(10 71 13 13-0152)*

10 71 13 13-0184	PR	14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,054.76	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0185	PR	14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,190.67	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0186	PR	14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,326.54	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0187	PR	14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,463.61	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0188	PR	14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,600.68	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0189	PR	14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,737.75	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0190	PR	14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,874.82	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0191	PR	14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,011.89	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0192	PR	14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,014.22	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0193	PR	14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,286.03	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0194	PR	14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,423.09	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0195	PR	14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,560.14	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0196	PR	14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,697.21	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0197	PR	14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,834.28	54.09
		For Arched Tops, Add	*65.00*	

10 71 13 13-0198 18" Through 20" Width *(10 71 13 13-0152)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0199	PR	18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,181.06	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0200	PR	18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,333.83	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0201	PR	18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,486.55	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0202	PR	18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,639.06	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0203	PR	18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,794.37	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0204	PR	18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,948.30	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0205	PR	18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,102.18	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0206	PR	18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,256.11	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0207	PR	18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,410.01	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0208	PR	18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,563.93	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0209	PR	18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,717.81	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0210	PR	18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,871.75	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0211	PR	18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,025.64	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0212	PR	18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,179.57	54.09
		For Arched Tops, Add	*65.00*	

10 71 13 13-0213 22" Through 24" Width *(10 71 13 13-0152)*

10 71 13 13-0214	PR	22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,560.02	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0215	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,763.29	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0216	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,966.58	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0217	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	2,171.00	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0218	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,375.43	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0219	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,579.89	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0220	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,784.31	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0221	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,988.74	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0222	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	3,193.20	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0223	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	3,397.62	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0224	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	3,602.04	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0225	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	3,806.51	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0226	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	4,010.93	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0227	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	4,215.36	54.09
		For Arched Tops, Add	*65.00*	

10 71 13 13-0228 26" Through 28" Width *(10 71 13 13-0152)*

10 71 13 13-0229	PR	26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,787.39	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0230	PR	26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	2,020.98	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0231	PR	26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	2,254.59	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0232	PR	26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	2,489.33	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0233	PR	26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,724.08	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0234	PR	26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,958.86	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0235	PR	26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	3,193.60	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0236	PR	26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	3,428.35	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0237	PR	26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	3,663.13	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0238	PR	26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	3,897.83	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0239	PR	26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	4,132.57	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0240	PR	26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	4,367.36	50.60
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0241	PR	26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	4,602.10	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0242	PR	26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	4,836.81	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0243		Pine Louvered Shutters *(10 71 13 13)*		
10 71 13 13-0244		12" Width *(10 71 13 13-0243)*		
10 71 13 13-0245	PR	12" x 35" Pine Louvered Shutter	392.49	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0246	PR	12" x 39" Pine Louvered Shutter	409.46	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0247	PR	12" x 43" Pine Louvered Shutter	426.25	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0248	PR	12" x 47" Pine Louvered Shutter	443.12	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0249	PR	12" x 51" Pine Louvered Shutter	459.90	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0250	PR	12" x 55" Pine Louvered Shutter	476.77	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0251	PR	12" x 59" Pine Louvered Shutter	493.68	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0252	PR	12" x 63" Pine Louvered Shutter	510.65	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0253	PR	12" x 67" Pine Louvered Shutter	527.51	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0254	PR	12" x 71" Pine Louvered Shutter	544.43	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0255	PR	12" x 75" Pine Louvered Shutter	561.29	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0256		14" Width *(10 71 13 13-0243)*		
10 71 13 13-0257	PR	14" x 35" Pine Louvered Shutter	434.28	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0258	PR	14" x 39" Pine Louvered Shutter	453.16	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0259	PR	14" x 43" Pine Louvered Shutter	471.73	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0260	PR	14" x 47" Pine Louvered Shutter	490.51	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0261	PR	14" x 51" Pine Louvered Shutter	509.11	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0262	PR	14" x 55" Pine Louvered Shutter	527.69	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0263	PR	14" x 59" Pine Louvered Shutter	546.43	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0264	PR	14" x 63" Pine Louvered Shutter	565.15	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0265	PR	14" x 67" Pine Louvered Shutter	583.76	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0266	PR	14" x 71" Pine Louvered Shutter	602.46	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0267	PR	14" x 75" Pine Louvered Shutter	621.23	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0268		15" Width *(10 71 13 13-0243)*		
10 71 13 13-0269	PR	15" x 35" Pine Louvered Shutter	454.68	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0270	PR	15" x 39" Pine Louvered Shutter	474.26	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0271	PR	15" x 43" Pine Louvered Shutter	493.93	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0272	PR	15" x 47" Pine Louvered Shutter	513.44	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0273	PR	15" x 51" Pine Louvered Shutter	533.06	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0274	PR	15" x 55" Pine Louvered Shutter	552.65	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0275	PR	15" x 59" Pine Louvered Shutter	572.28	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0276	PR	15" x 63" Pine Louvered Shutter	591.82	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0277	PR	15" x 67" Pine Louvered Shutter	611.36	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0278	PR	15" x 71" Pine Louvered Shutter	630.92	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0279	PR	15" x 75" Pine Louvered Shutter	650.53	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0280	PR	15" x 81" Pine Louvered Shutter	678.75	54.09
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0281		**16" Width** *(10 71 13 13-0243)*		
10 71 13 13-0282	PR	16" x 35" Pine Louvered Shutter	474.12	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0283	PR	16" x 39" Pine Louvered Shutter	495.37	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0284	PR	16" x 43" Pine Louvered Shutter	516.83	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0285	PR	16" x 47" Pine Louvered Shutter	538.20	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0286	PR	16" x 51" Pine Louvered Shutter	559.61	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0287	PR	16" x 55" Pine Louvered Shutter	580.99	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0288	PR	16" x 59" Pine Louvered Shutter	602.25	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0289	PR	16" x 63" Pine Louvered Shutter	623.69	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0290	PR	16" x 67" Pine Louvered Shutter	645.06	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0291	PR	16" x 71" Pine Louvered Shutter	666.48	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0292	PR	16" x 75" Pine Louvered Shutter	687.85	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0293	PR	16" x 81" Pine Louvered Shutter	709.11	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0294		**18" Width** *(10 71 13 13-0243)*		
10 71 13 13-0295	PR	18" x 35" Pine Louvered Shutter	516.88	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0296	PR	18" x 39" Pine Louvered Shutter	544.54	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0297	PR	18" x 47" Pine Louvered Shutter	592.00	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0298	PR	18" x 55" Pine Louvered Shutter	639.57	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0299	PR	18" x 63" Pine Louvered Shutter	687.09	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0300	PR	18" x 75" Pine Louvered Shutter	790.55	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0301	PR	18" x 81" Pine Louvered Shutter	819.70	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0302		**Exterior Cedar Board N' Batten Wood Shutters** *(10 71 13 13)*		
10 71 13 13-0303		**8" Through 14" Width** *(10 71 13 13-0302)*		
10 71 13 13-0304	PR	8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	786.30	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0305	PR	8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,034.83	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0306	PR	8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,035.99	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0307	PR	8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,285.68	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0308	PR	8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,288.01	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0309	PR	8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,290.34	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0310	PR	8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,540.04	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0311	PR	8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,542.36	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0312	PR	8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,544.69	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0313	PR	8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,794.37	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0314	PR	8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,796.70	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0315	PR	8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,046.40	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0316	PR	8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,048.72	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0317	PR	8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,051.05	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0318	PR	8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,053.38	55.84
		For Arched Tops, Add	*65.00*	
10 71 13 13-0319		**15" Through 16" Width** *(10 71 13 13-0302)*		
10 71 13 13-0320	PR	15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter	1,033.66	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0321	PR	15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,034.83	34.08
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0322	PR	15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,283.36	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0323	PR	15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,285.68	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0324	PR	15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,535.38	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0325	PR	15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,537.71	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0326	PR	15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,540.03	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0327	PR	15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,789.72	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0328	PR	15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,792.05	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0329	PR	15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,041.74	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0330	PR	15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,044.06	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0331	PR	15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,293.76	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0332	PR	15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,296.08	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0333	PR	15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,545.78	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0334	PR	15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,548.10	55.84
		For Arched Tops, Add	*65.00*	

10 71 13 13-0335 17" Through 18" Width *(10 71 13 13-0302)*

10 71 13 13-0336	PR	17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,033.66	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0337	PR	17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,282.20	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0338	PR	17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,283.36	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0339	PR	17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,533.05	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0340	PR	17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,535.38	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0341	PR	17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,785.07	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0342	PR	17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,787.39	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0343	PR	17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	2,037.09	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0344	PR	17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	2,039.42	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0345	PR	17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,289.10	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0346	PR	17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,291.42	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0347	PR	17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,541.13	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0348	PR	17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,543.45	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0349	PR	17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,793.15	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0350	PR	17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,795.47	55.84
		For Arched Tops, Add	*65.00*	

10 71 13 13-0351 19" Through 20" Width *(10 71 13 13-0302)*

10 71 13 13-0352	PR	19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,281.03	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0353	PR	19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,282.20	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0354	PR	19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,530.73	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0355	PR	19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,533.05	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0356	PR	19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,782.74	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0357	PR	19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,785.07	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0358	PR	19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	2,034.76	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0359	PR	19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	2,284.45	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0360	PR	19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	2,286.78	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0361	PR	19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,536.47	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0362	PR	19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,538.79	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0363	PR	19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,788.50	50.60
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0364	PR	19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,790.82	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0365	PR	19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	3,040.51	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0366	PR	19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	3,042.83	55.84
		For Arched Tops, Add	*65.00*	

10 71 13 13-0367 21" Through 22" Width *(10 71 13 13-0302)*

10 71 13 13-0368	PR	21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,281.03	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0369	PR	21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,282.20	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0370	PR	21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,530.73	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0371	PR	21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,780.41	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0372	PR	21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,782.74	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0373	PR	21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	2,032.44	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0374	PR	21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	2,034.76	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0375	PR	21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	2,284.45	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0376	PR	21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	2,534.15	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0377	PR	21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,536.47	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0378	PR	21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,786.16	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0379	PR	21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,788.50	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0380	PR	21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	3,038.18	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0381	PR	21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	3,040.51	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0382	PR	21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	3,042.83	55.84
		For Arched Tops, Add	*65.00*	

10 71 13 13-0383 22" Through 24" Width *(10 71 13 13-0302)*

10 71 13 13-0384	PR	22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,281.03	33.15
		For Arched Tops, Add	*65.00*	
10 71 13 13-0385	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,529.57	34.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0386	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,530.73	34.90
		For Arched Tops, Add	*65.00*	
10 71 13 13-0387	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,780.41	36.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0388	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	2,030.11	38.38
		For Arched Tops, Add	*65.00*	
10 71 13 13-0389	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	2,032.44	40.13
		For Arched Tops, Add	*65.00*	
10 71 13 13-0390	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	2,282.12	41.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0391	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	2,284.45	43.62
		For Arched Tops, Add	*65.00*	
10 71 13 13-0392	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	2,534.15	45.37
		For Arched Tops, Add	*65.00*	
10 71 13 13-0393	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,783.84	47.11
		For Arched Tops, Add	*65.00*	
10 71 13 13-0394	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,786.16	48.85
		For Arched Tops, Add	*65.00*	
10 71 13 13-0395	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	3,035.86	50.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0396	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	3,038.18	52.35
		For Arched Tops, Add	*65.00*	
10 71 13 13-0397	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	3,287.88	54.09
		For Arched Tops, Add	*65.00*	
10 71 13 13-0398	PR	22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	3,290.20	55.84
		For Arched Tops, Add	*65.00*	

10 71 13 13-0399 Accessories *(10 71 13 13)*

10 71 13 13-0400	PR	Surface Mounted Pintel, Stainless Steel	63.90
10 71 13 13-0401	PR	Lag Pintel, Stainless Steel	63.90
10 71 13 13-0402	PR	10" Strap Hinge, Stainless Steel	95.08
10 71 13 13-0403	PR	6" L-Hinge, Stainless Steel	88.14
10 71 13 13-0404	PR	Hinge Set, Galvanized And Painted	80.17
10 71 13 13-0405	PR	Acorn Holdback	73.02
10 71 13 13-0406	PR	'S' Holdback, Stainless Steel	61.79
10 71 13 13-0407	PR	'S' Holdback, Galvanized And Painted	58.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16		**Storm Panels** *(10 71)*		
10 71 16 13		**Demountable Storm Panels** *(10 71 16)*		
10 71 16 13-0001		Hurricane Panels *(10 71 16 13)*		
10 71 16 13-0002		Aluminum *(10 71 16 13-0001)*		
10 71 16 13-0003	SF	0.040" Aluminum Hurricane Panels	20.93	5.23
10 71 16 13-0004	SF	0.050" Aluminum Hurricane Panels (Miami-Dade Approved)	22.10	5.23
10 71 16 13-0005	SF	0.063" Aluminum Hurricane Panels (Miami-Dade Approved)	24.34	5.23
10 71 16 13-0006		Steel *(10 71 16 13-0001)*		
10 71 16 13-0007	SF	22 Gauge Galvanized Steel Hurricane Panels	19.72	5.23
10 71 16 13-0008	SF	20 Gauge Galvanized Steel Hurricane Panels	20.55	5.23
10 71 16 13-0009		Fiberglass *(10 71 16 13-0001)*		
10 71 16 13-0010	SF	Fiberglass Hurricane Panels	20.40	5.23
10 71 16 13-0011		Bahama Shutters *(10 71 16 13)*		
10 71 16 13-0012		Up To 36" Wide *(10 71 16 13-0011)*		
10 71 16 13-0013	EA	9" Wide x 24" High, Architectural Aluminum Bahama Shutter	423.27	8.00
		For Impact Bahama Shutters, Add	*164.51*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-8.83*	
		For >25 To 50, Deduct	*-17.35*	
		For >50, Deduct	*-25.88*	
10 71 16 13-0014	EA	9" Wide x 30" High, Architectural Aluminum Bahama Shutter	450.42	10.00
		For Impact Bahama Shutters, Add	*174.17*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-9.46*	
		For >25 To 50, Deduct	*-18.54*	
		For >50, Deduct	*-27.63*	
10 71 16 13-0015	EA	9" Wide x 36" High, Architectural Aluminum Bahama Shutter	477.55	12.01
		For Impact Bahama Shutters, Add	*183.82*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-10.09*	
		For >25 To 50, Deduct	*-19.73*	
		For >50, Deduct	*-29.37*	
10 71 16 13-0016	EA	9" Wide x 42" High, Architectural Aluminum Bahama Shutter	502.90	12.80
		For Impact Bahama Shutters, Add	*193.48*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-10.63*	
		For >25 To 50, Deduct	*-20.79*	
		For >50, Deduct	*-30.94*	
10 71 16 13-0017	EA	9" Wide x 48" High, Architectural Aluminum Bahama Shutter	529.78	14.63
		For Impact Bahama Shutters, Add	*203.14*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-11.25*	
		For >25 To 50, Deduct	*-21.96*	
		For >50, Deduct	*-32.66*	
10 71 16 13-0018	EA	9" Wide x 54" High, Architectural Aluminum Bahama Shutter	556.66	16.46
		For Impact Bahama Shutters, Add	*212.79*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-11.87*	
		For >25 To 50, Deduct	*-23.13*	
		For >50, Deduct	*-34.39*	
10 71 16 13-0019	EA	9" Wide x 60" High, Architectural Aluminum Bahama Shutter	583.53	18.29
		For Impact Bahama Shutters, Add	*222.45*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-12.49*	
		For >25 To 50, Deduct	*-24.30*	
		For >50, Deduct	*-36.11*	
10 71 16 13-0020	EA	9" Wide x 66" High, Architectural Aluminum Bahama Shutter	608.92	19.11
		For Impact Bahama Shutters, Add	*232.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-13.04*	
		For >25 To 50, Deduct	*-25.36*	
		For >50, Deduct	*-37.68*	
10 71 16 13-0021	EA	9" Wide x 72" High, Architectural Aluminum Bahama Shutter	635.66	20.86
		For Impact Bahama Shutters, Add	*241.76*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-13.65*	
		For >25 To 50, Deduct	*-26.52*	
		For >50, Deduct	*-39.39*	
10 71 16 13-0022	EA	9" Wide x 78" High, Architectural Aluminum Bahama Shutter	660.71	21.46
		For Impact Bahama Shutters, Add	*251.42*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-14.18*	
		For >25 To 50, Deduct	*-27.55*	
		For >50, Deduct	*-40.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0023	EA	9" Wide x 84" High, Architectural Aluminum Bahama Shutter	687.33	23.11
		For Impact Bahama Shutters, Add	*261.07*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-14.79*	
		For >25 To 50, Deduct	*-28.71*	
		For >50, Deduct	*-42.63*	
10 71 16 13-0024	EA	9" Wide x 90" High, Architectural Aluminum Bahama Shutter	712.09	23.52
		For Impact Bahama Shutters, Add	*270.73*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-15.30*	
		For >25 To 50, Deduct	*-29.72*	
		For >50, Deduct	*-44.14*	
10 71 16 13-0025	EA	12" Wide x 24" High, Architectural Aluminum Bahama Shutter	459.46	10.66
		For Impact Bahama Shutters, Add	*177.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-9.67*	
		For >25 To 50, Deduct	*-18.94*	
		For >50, Deduct	*-28.21*	
10 71 16 13-0026	EA	12" Wide x 30" High, Architectural Aluminum Bahama Shutter	495.64	13.34
		For Impact Bahama Shutters, Add	*190.26*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-10.51*	
		For >25 To 50, Deduct	*-20.53*	
		For >50, Deduct	*-30.54*	
10 71 16 13-0027	EA	12" Wide x 36" High, Architectural Aluminum Bahama Shutter	531.84	16.01
		For Impact Bahama Shutters, Add	*203.14*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-11.36*	
		For >25 To 50, Deduct	*-22.11*	
		For >50, Deduct	*-32.87*	
10 71 16 13-0028	EA	12" Wide x 42" High, Architectural Aluminum Bahama Shutter	565.61	17.08
		For Impact Bahama Shutters, Add	*216.01*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-12.08*	
		For >25 To 50, Deduct	*-23.52*	
		For >50, Deduct	*-34.96*	
10 71 16 13-0029	EA	12" Wide x 48" High, Architectural Aluminum Bahama Shutter	601.47	19.50
		For Impact Bahama Shutters, Add	*228.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-12.91*	
		For >25 To 50, Deduct	*-25.08*	
		For >50, Deduct	*-37.26*	
10 71 16 13-0030	EA	12" Wide x 54" High, Architectural Aluminum Bahama Shutter	637.31	21.95
		For Impact Bahama Shutters, Add	*241.76*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-13.73*	
		For >25 To 50, Deduct	*-26.64*	
		For >50, Deduct	*-39.56*	
10 71 16 13-0031	EA	12" Wide x 60" High, Architectural Aluminum Bahama Shutter	673.14	24.40
		For Impact Bahama Shutters, Add	*254.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-14.56*	
		For >25 To 50, Deduct	*-28.21*	
		For >50, Deduct	*-41.85*	
10 71 16 13-0032	EA	12" Wide x 66" High, Architectural Aluminum Bahama Shutter	706.98	25.49
		For Impact Bahama Shutters, Add	*267.51*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-15.29*	
		For >25 To 50, Deduct	*-29.62*	
		For >50, Deduct	*-43.95*	
10 71 16 13-0033	EA	12" Wide x 72" High, Architectural Aluminum Bahama Shutter	742.64	27.80
		For Impact Bahama Shutters, Add	*280.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-16.10*	
		For >25 To 50, Deduct	*-31.16*	
		For >50, Deduct	*-46.23*	
10 71 16 13-0034	EA	12" Wide x 78" High, Architectural Aluminum Bahama Shutter	776.05	28.62
		For Impact Bahama Shutters, Add	*293.26*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-16.81*	
		For >25 To 50, Deduct	*-32.54*	
		For >50, Deduct	*-48.28*	
10 71 16 13-0035	EA	12" Wide x 84" High, Architectural Aluminum Bahama Shutter	811.52	30.82
		For Impact Bahama Shutters, Add	*306.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-17.62*	
		For >25 To 50, Deduct	*-34.08*	
		For >50, Deduct	*-50.54*	
10 71 16 13-0036	EA	12" Wide x 90" High, Architectural Aluminum Bahama Shutter	844.54	31.36
		For Impact Bahama Shutters, Add	*319.01*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*238.16*	
		For >10 To 25, Deduct	*-18.30*	
		For >25 To 50, Deduct	*-35.43*	
		For >50, Deduct	*-52.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0037	EA	16" Wide x 24" High, Architectural Aluminum Bahama Shutter	507.70	14.22
		For Impact Bahama Shutters, Add	*194.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-10.79*	
		For >25 To 50, Deduct	*-21.05*	
		For >50, Deduct	*-31.31*	
10 71 16 13-0038	EA	16" Wide x 30" High, Architectural Aluminum Bahama Shutter	555.95	17.77
		For Impact Bahama Shutters, Add	*211.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-11.92*	
		For >25 To 50, Deduct	*-23.17*	
		For >50, Deduct	*-34.42*	
10 71 16 13-0039	EA	16" Wide x 36" High, Architectural Aluminum Bahama Shutter	604.20	21.34
		For Impact Bahama Shutters, Add	*228.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-13.04*	
		For >25 To 50, Deduct	*-25.29*	
		For >50, Deduct	*-37.53*	
10 71 16 13-0040	EA	16" Wide x 42" High, Architectural Aluminum Bahama Shutter	649.25	22.75
		For Impact Bahama Shutters, Add	*246.05*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-14.01*	
		For >25 To 50, Deduct	*-27.16*	
		For >50, Deduct	*-40.32*	
10 71 16 13-0041	EA	16" Wide x 48" High, Architectural Aluminum Bahama Shutter	697.03	26.01
		For Impact Bahama Shutters, Add	*263.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-15.11*	
		For >25 To 50, Deduct	*-29.25*	
		For >50, Deduct	*-43.38*	
10 71 16 13-0042	EA	16" Wide x 54" High, Architectural Aluminum Bahama Shutter	744.83	29.26
		For Impact Bahama Shutters, Add	*280.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-16.21*	
		For >25 To 50, Deduct	*-31.33*	
		For >50, Deduct	*-46.44*	
10 71 16 13-0043	EA	16" Wide x 60" High, Architectural Aluminum Bahama Shutter	792.61	32.51
		For Impact Bahama Shutters, Add	*297.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-17.31*	
		For >25 To 50, Deduct	*-33.41*	
		For >50, Deduct	*-49.51*	
10 71 16 13-0044	EA	16" Wide x 66" High, Architectural Aluminum Bahama Shutter	837.71	33.97
		For Impact Bahama Shutters, Add	*314.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-18.28*	
		For >25 To 50, Deduct	*-35.29*	
		For >50, Deduct	*-52.30*	
10 71 16 13-0045	EA	16" Wide x 72" High, Architectural Aluminum Bahama Shutter	885.28	37.06
		For Impact Bahama Shutters, Add	*331.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-19.37*	
		For >25 To 50, Deduct	*-37.36*	
		For >50, Deduct	*-55.34*	
10 71 16 13-0046	EA	16" Wide x 78" High, Architectural Aluminum Bahama Shutter	929.80	38.14
		For Impact Bahama Shutters, Add	*349.05*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-20.31*	
		For >25 To 50, Deduct	*-39.19*	
		For >50, Deduct	*-58.08*	
10 71 16 13-0047	EA	16" Wide x 84" High, Architectural Aluminum Bahama Shutter	977.13	41.07
		For Impact Bahama Shutters, Add	*366.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-21.39*	
		For >25 To 50, Deduct	*-41.24*	
		For >50, Deduct	*-61.09*	
10 71 16 13-0048	EA	16" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,198.16	41.81
		For Impact Bahama Shutters, Add	*454.19*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-25.84*	
		For >25 To 50, Deduct	*-50.12*	
		For >50, Deduct	*-74.40*	
10 71 16 13-0049	EA	20" Wide x 24" High, Architectural Aluminum Bahama Shutter	555.95	17.77
		For Impact Bahama Shutters, Add	*211.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-11.92*	
		For >25 To 50, Deduct	*-23.17*	
		For >50, Deduct	*-34.42*	
10 71 16 13-0050	EA	20" Wide x 30" High, Architectural Aluminum Bahama Shutter	616.26	22.21
		For Impact Bahama Shutters, Add	*233.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-13.32*	
		For >25 To 50, Deduct	*-25.82*	
		For >50, Deduct	*-38.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0051	EA	20" Wide x 36" High, Architectural Aluminum Bahama Shutter	676.56	26.66
		For Impact Bahama Shutters, Add	*254.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-14.73*	
		For >25 To 50, Deduct	*-28.46*	
		For >50, Deduct	*-42.19*	
10 71 16 13-0052	EA	20" Wide x 42" High, Architectural Aluminum Bahama Shutter	732.87	28.44
		For Impact Bahama Shutters, Add	*276.09*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-15.94*	
		For >25 To 50, Deduct	*-30.81*	
		For >50, Deduct	*-45.68*	
10 71 16 13-0053	EA	20" Wide x 48" High, Architectural Aluminum Bahama Shutter	792.60	32.50
		For Impact Bahama Shutters, Add	*297.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-17.31*	
		For >25 To 50, Deduct	*-33.41*	
		For >50, Deduct	*-49.51*	
10 71 16 13-0054	EA	20" Wide x 54" High, Architectural Aluminum Bahama Shutter	852.35	36.57
		For Impact Bahama Shutters, Add	*319.01*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-18.69*	
		For >25 To 50, Deduct	*-36.01*	
		For >50, Deduct	*-53.33*	
10 71 16 13-0055	EA	20" Wide x 60" High, Architectural Aluminum Bahama Shutter	912.07	40.64
		For Impact Bahama Shutters, Add	*340.46*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-20.07*	
		For >25 To 50, Deduct	*-38.61*	
		For >50, Deduct	*-57.16*	
10 71 16 13-0056	EA	20" Wide x 66" High, Architectural Aluminum Bahama Shutter	968.47	42.46
		For Impact Bahama Shutters, Add	*361.92*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-21.28*	
		For >25 To 50, Deduct	*-40.97*	
		For >50, Deduct	*-60.65*	
10 71 16 13-0057	EA	20" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,027.90	46.32
		For Impact Bahama Shutters, Add	*383.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-22.64*	
		For >25 To 50, Deduct	*-43.55*	
		For >50, Deduct	*-64.45*	
10 71 16 13-0058	EA	20" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,083.56	47.67
		For Impact Bahama Shutters, Add	*404.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-23.82*	
		For >25 To 50, Deduct	*-45.84*	
		For >50, Deduct	*-67.87*	
10 71 16 13-0059	EA	20" Wide x 84" High, Architectural Aluminum Bahama Shutter	1,142.70	51.33
		For Impact Bahama Shutters, Add	*426.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-25.16*	
		For >25 To 50, Deduct	*-48.40*	
		For >50, Deduct	*-71.64*	
10 71 16 13-0060	EA	20" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,197.74	52.25
		For Impact Bahama Shutters, Add	*447.76*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-26.31*	
		For >25 To 50, Deduct	*-50.65*	
		For >50, Deduct	*-75.00*	
10 71 16 13-0061	EA	24" Wide x 24" High, Architectural Aluminum Bahama Shutter	604.20	21.34
		For Impact Bahama Shutters, Add	*228.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-13.04*	
		For >25 To 50, Deduct	*-25.29*	
		For >50, Deduct	*-37.53*	
10 71 16 13-0062	EA	24" Wide x 30" High, Architectural Aluminum Bahama Shutter	676.57	26.67
		For Impact Bahama Shutters, Add	*254.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-14.73*	
		For >25 To 50, Deduct	*-28.46*	
		For >50, Deduct	*-42.19*	
10 71 16 13-0063	EA	24" Wide x 36" High, Architectural Aluminum Bahama Shutter	748.95	32.01
		For Impact Bahama Shutters, Add	*280.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-16.42*	
		For >25 To 50, Deduct	*-31.64*	
		For >50, Deduct	*-46.86*	
10 71 16 13-0064	EA	24" Wide x 42" High, Architectural Aluminum Bahama Shutter	816.53	34.14
		For Impact Bahama Shutters, Add	*306.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-17.87*	
		For >25 To 50, Deduct	*-34.45*	
		For >50, Deduct	*-51.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0065	EA	24" Wide x 48" High, Architectural Aluminum Bahama Shutter	888.21	39.02
		For Impact Bahama Shutters, Add	*331.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-19.52*	
		For >25 To 50, Deduct	*-37.58*	
		For >50, Deduct	*-55.63*	
10 71 16 13-0066	EA	24" Wide x 54" High, Architectural Aluminum Bahama Shutter	959.90	43.90
		For Impact Bahama Shutters, Add	*357.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-21.17*	
		For >25 To 50, Deduct	*-40.70*	
		For >50, Deduct	*-60.23*	
10 71 16 13-0067	EA	24" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,031.57	48.77
		For Impact Bahama Shutters, Add	*383.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-22.83*	
		For >25 To 50, Deduct	*-43.82*	
		For >50, Deduct	*-64.82*	
10 71 16 13-0068	EA	24" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,099.24	50.97
		For Impact Bahama Shutters, Add	*409.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-24.28*	
		For >25 To 50, Deduct	*-46.64*	
		For >50, Deduct	*-69.01*	
10 71 16 13-0069	EA	24" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,170.57	55.60
		For Impact Bahama Shutters, Add	*434.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-25.91*	
		For >25 To 50, Deduct	*-49.74*	
		For >50, Deduct	*-73.57*	
10 71 16 13-0070	EA	24" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,237.38	57.23
		For Impact Bahama Shutters, Add	*460.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-27.32*	
		For >25 To 50, Deduct	*-52.50*	
		For >50, Deduct	*-77.67*	
10 71 16 13-0071	EA	24" Wide x 84" High, Architectural Aluminum Bahama Shutter	1,308.34	61.63
		For Impact Bahama Shutters, Add	*486.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-28.94*	
		For >25 To 50, Deduct	*-55.57*	
		For >50, Deduct	*-82.20*	
10 71 16 13-0072	EA	24" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,374.37	62.73
		For Impact Bahama Shutters, Add	*512.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*262.70*	
		For >10 To 25, Deduct	*-30.31*	
		For >25 To 50, Deduct	*-58.27*	
		For >50, Deduct	*-86.22*	
10 71 16 13-0073	EA	28" Wide x 24" High, Architectural Aluminum Bahama Shutter	647.12	21.34
		For Impact Bahama Shutters, Add	*246.05*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-13.90*	
		For >25 To 50, Deduct	*-27.00*	
		For >50, Deduct	*-40.11*	
10 71 16 13-0074	EA	28" Wide x 30" High, Architectural Aluminum Bahama Shutter	736.87	31.11
		For Impact Bahama Shutters, Add	*276.09*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-16.14*	
		For >25 To 50, Deduct	*-31.11*	
		For >50, Deduct	*-46.08*	
10 71 16 13-0075	EA	28" Wide x 36" High, Architectural Aluminum Bahama Shutter	821.31	37.34
		For Impact Bahama Shutters, Add	*306.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-18.11*	
		For >25 To 50, Deduct	*-34.81*	
		For >50, Deduct	*-51.52*	
10 71 16 13-0076	EA	28" Wide x 42" High, Architectural Aluminum Bahama Shutter	900.15	39.83
		For Impact Bahama Shutters, Add	*336.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-19.79*	
		For >25 To 50, Deduct	*-38.10*	
		For >50, Deduct	*-56.40*	
10 71 16 13-0077	EA	28" Wide x 48" High, Architectural Aluminum Bahama Shutter	983.78	45.52
		For Impact Bahama Shutters, Add	*366.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-21.72*	
		For >25 To 50, Deduct	*-41.74*	
		For >50, Deduct	*-61.76*	
10 71 16 13-0078	EA	28" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,067.42	51.21
		For Impact Bahama Shutters, Add	*396.26*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-23.65*	
		For >25 To 50, Deduct	*-45.38*	
		For >50, Deduct	*-67.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0079	EA	28" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,151.04	56.90
		For Impact Bahama Shutters, Add	*426.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-25.58*	
		For >25 To 50, Deduct	*-49.03*	
		For >50, Deduct	*-72.47*	
10 71 16 13-0080	EA	28" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,229.99	59.46
		For Impact Bahama Shutters, Add	*456.34*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-27.27*	
		For >25 To 50, Deduct	*-52.32*	
		For >50, Deduct	*-77.37*	
10 71 16 13-0081	EA	28" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,313.20	64.86
		For Impact Bahama Shutters, Add	*486.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-29.18*	
		For >25 To 50, Deduct	*-55.93*	
		For >50, Deduct	*-82.68*	
10 71 16 13-0082	EA	28" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,391.13	66.75
		For Impact Bahama Shutters, Add	*516.42*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-30.83*	
		For >25 To 50, Deduct	*-59.15*	
		For >50, Deduct	*-87.47*	
10 71 16 13-0083	EA	28" Wide x 84" High, Architectural Aluminum Bahama Shutter	1,473.93	71.88
		For Impact Bahama Shutters, Add	*546.46*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-32.71*	
		For >25 To 50, Deduct	*-62.73*	
		For >50, Deduct	*-92.75*	
10 71 16 13-0084	EA	28" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,550.97	73.17
		For Impact Bahama Shutters, Add	*576.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-34.31*	
		For >25 To 50, Deduct	*-65.88*	
		For >50, Deduct	*-97.45*	
10 71 16 13-0085	EA	32" Wide x 24" High, Architectural Aluminum Bahama Shutter	700.69	28.45
		For Impact Bahama Shutters, Add	*263.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-15.29*	
		For >25 To 50, Deduct	*-29.52*	
		For >50, Deduct	*-43.75*	
10 71 16 13-0086	EA	32" Wide x 30" High, Architectural Aluminum Bahama Shutter	797.19	35.56
		For Impact Bahama Shutters, Add	*297.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-17.54*	
		For >25 To 50, Deduct	*-33.75*	
		For >50, Deduct	*-49.96*	
10 71 16 13-0087	EA	32" Wide x 36" High, Architectural Aluminum Bahama Shutter	893.70	42.68
		For Impact Bahama Shutters, Add	*331.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-19.79*	
		For >25 To 50, Deduct	*-37.99*	
		For >50, Deduct	*-56.18*	
10 71 16 13-0088	EA	32" Wide x 42" High, Architectural Aluminum Bahama Shutter	983.78	45.52
		For Impact Bahama Shutters, Add	*366.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-21.72*	
		For >25 To 50, Deduct	*-41.74*	
		For >50, Deduct	*-61.76*	
10 71 16 13-0089	EA	32" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,079.36	52.02
		For Impact Bahama Shutters, Add	*400.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-23.93*	
		For >25 To 50, Deduct	*-45.90*	
		For >50, Deduct	*-67.88*	
10 71 16 13-0090	EA	32" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,174.96	58.54
		For Impact Bahama Shutters, Add	*434.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-26.13*	
		For >25 To 50, Deduct	*-50.07*	
		For >50, Deduct	*-74.01*	
10 71 16 13-0091	EA	32" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,270.53	65.03
		For Impact Bahama Shutters, Add	*469.21*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-28.34*	
		For >25 To 50, Deduct	*-54.23*	
		For >50, Deduct	*-80.13*	
10 71 16 13-0092	EA	32" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,360.75	67.96
		For Impact Bahama Shutters, Add	*503.54*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-30.27*	
		For >25 To 50, Deduct	*-58.00*	
		For >50, Deduct	*-85.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0093	EA	32" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,455.84	74.14
		For Impact Bahama Shutters, Add	*537.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-32.45*	
		For >25 To 50, Deduct	*-62.12*	
		For >50, Deduct	*-91.80*	
10 71 16 13-0094	EA	32" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,544.92	76.30
		For Impact Bahama Shutters, Add	*572.21*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-34.33*	
		For >25 To 50, Deduct	*-65.80*	
		For >50, Deduct	*-97.27*	
10 71 16 13-0095	EA	32" Wide x 84" High, Architectural Aluminum Bahama Shutter	1,639.54	82.17
		For Impact Bahama Shutters, Add	*606.54*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-36.49*	
		For >25 To 50, Deduct	*-69.89*	
		For >50, Deduct	*-103.30*	
10 71 16 13-0096	EA	32" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,727.57	83.64
		For Impact Bahama Shutters, Add	*640.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-38.31*	
		For >25 To 50, Deduct	*-73.49*	
		For >50, Deduct	*-108.67*	
10 71 16 13-0097	EA	36" Wide x 24" High, Architectural Aluminum Bahama Shutter	748.95	32.01
		For Impact Bahama Shutters, Add	*280.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-16.42*	
		For >25 To 50, Deduct	*-31.64*	
		For >50, Deduct	*-46.86*	
10 71 16 13-0098	EA	36" Wide x 30" High, Architectural Aluminum Bahama Shutter	857.51	40.01
		For Impact Bahama Shutters, Add	*319.01*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-18.95*	
		For >25 To 50, Deduct	*-36.40*	
		For >50, Deduct	*-53.85*	
10 71 16 13-0099	EA	36" Wide x 36" High, Architectural Aluminum Bahama Shutter	966.06	48.02
		For Impact Bahama Shutters, Add	*357.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-21.48*	
		For >25 To 50, Deduct	*-41.16*	
		For >50, Deduct	*-60.84*	
10 71 16 13-0100	EA	36" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,067.43	51.22
		For Impact Bahama Shutters, Add	*396.26*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-23.65*	
		For >25 To 50, Deduct	*-45.38*	
		For >50, Deduct	*-67.12*	
10 71 16 13-0101	EA	36" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,174.96	58.54
		For Impact Bahama Shutters, Add	*434.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-26.13*	
		For >25 To 50, Deduct	*-50.07*	
		For >50, Deduct	*-74.01*	
10 71 16 13-0102	EA	36" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,282.49	65.85
		For Impact Bahama Shutters, Add	*473.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-28.61*	
		For >25 To 50, Deduct	*-54.76*	
		For >50, Deduct	*-80.90*	
10 71 16 13-0103	EA	36" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,390.01	73.17
		For Impact Bahama Shutters, Add	*512.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-31.09*	
		For >25 To 50, Deduct	*-59.44*	
		For >50, Deduct	*-87.79*	
10 71 16 13-0104	EA	36" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,491.51	76.46
		For Impact Bahama Shutters, Add	*550.75*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-33.27*	
		For >25 To 50, Deduct	*-63.67*	
		For >50, Deduct	*-94.08*	
10 71 16 13-0105	EA	36" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,598.49	83.40
		For Impact Bahama Shutters, Add	*589.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-35.72*	
		For >25 To 50, Deduct	*-68.32*	
		For >50, Deduct	*-100.91*	
10 71 16 13-0106	EA	36" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,698.69	85.84
		For Impact Bahama Shutters, Add	*628.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-37.83*	
		For >25 To 50, Deduct	*-72.45*	
		For >50, Deduct	*-107.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0107	EA	36" Wide x 84" High, Architectural Aluminum Bahama Shutter	1,805.16	92.45
		For Impact Bahama Shutters, Add	*666.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-40.26*	
		For >25 To 50, Deduct	*-77.06*	
		For >50, Deduct	*-113.85*	
10 71 16 13-0108	EA	36" Wide x 90" High, Architectural Aluminum Bahama Shutter	1,904.19	94.10
		For Impact Bahama Shutters, Add	*705.25*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*287.22*	
		For >10 To 25, Deduct	*-42.32*	
		For >25 To 50, Deduct	*-81.10*	
		For >50, Deduct	*-119.89*	

10 71 16 13-0109 >36" To 60" Wide *(10 71 16 13-0011)*

10 71 16 13-0110	EA	42" Wide x 24" High, Architectural Aluminum Bahama Shutter	816.83	34.35
		For Impact Bahama Shutters, Add	*306.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-17.88*	
		For >25 To 50, Deduct	*-34.48*	
		For >50, Deduct	*-51.07*	
10 71 16 13-0111	EA	42" Wide x 30" High, Architectural Aluminum Bahama Shutter	942.38	42.95
		For Impact Bahama Shutters, Add	*351.20*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-20.78*	
		For >25 To 50, Deduct	*-39.95*	
		For >50, Deduct	*-59.12*	
10 71 16 13-0112	EA	42" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,067.91	51.53
		For Impact Bahama Shutters, Add	*396.26*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-23.68*	
		For >25 To 50, Deduct	*-45.42*	
		For >50, Deduct	*-67.17*	
10 71 16 13-0113	EA	42" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,185.70	54.97
		For Impact Bahama Shutters, Add	*441.32*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-26.19*	
		For >25 To 50, Deduct	*-50.31*	
		For >50, Deduct	*-74.44*	
10 71 16 13-0114	EA	42" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,310.14	62.83
		For Impact Bahama Shutters, Add	*486.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-29.03*	
		For >25 To 50, Deduct	*-55.70*	
		For >50, Deduct	*-82.38*	
10 71 16 13-0115	EA	42" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,434.56	70.68
		For Impact Bahama Shutters, Add	*531.44*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-31.87*	
		For >25 To 50, Deduct	*-61.09*	
		For >50, Deduct	*-90.31*	
10 71 16 13-0116	EA	42" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,558.99	78.53
		For Impact Bahama Shutters, Add	*576.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-34.71*	
		For >25 To 50, Deduct	*-66.48*	
		For >50, Deduct	*-98.25*	
10 71 16 13-0117	EA	42" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,676.95	82.07
		For Impact Bahama Shutters, Add	*621.56*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-37.23*	
		For >25 To 50, Deduct	*-71.38*	
		For >50, Deduct	*-105.54*	
10 71 16 13-0118	EA	42" Wide x 72" High, Architectural Aluminum Bahama Shutter	1,800.78	89.52
		For Impact Bahama Shutters, Add	*666.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-40.04*	
		For >25 To 50, Deduct	*-76.73*	
		For >50, Deduct	*-113.42*	
10 71 16 13-0119	EA	42" Wide x 78" High, Architectural Aluminum Bahama Shutter	1,917.36	92.13
		For Impact Bahama Shutters, Add	*711.69*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-42.49*	
		For >25 To 50, Deduct	*-81.53*	
		For >50, Deduct	*-120.57*	
10 71 16 13-0120	EA	42" Wide x 84" High, Architectural Aluminum Bahama Shutter	2,040.62	99.22
		For Impact Bahama Shutters, Add	*756.75*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-45.27*	
		For >25 To 50, Deduct	*-86.83*	
		For >50, Deduct	*-128.39*	
10 71 16 13-0121	EA	42" Wide x 90" High, Architectural Aluminum Bahama Shutter	2,155.93	100.99
		For Impact Bahama Shutters, Add	*801.81*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-47.66*	
		For >25 To 50, Deduct	*-91.54*	
		For >50, Deduct	*-135.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0122	EA	48" Wide x 24" High, Architectural Aluminum Bahama Shutter	888.58	39.26
		For Impact Bahama Shutters, Add	*331.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-19.54*	
		For >25 To 50, Deduct	*-37.60*	
		For >50, Deduct	*-55.67*	
10 71 16 13-0123	EA	48" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,032.04	49.08
		For Impact Bahama Shutters, Add	*383.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-22.85*	
		For >25 To 50, Deduct	*-43.86*	
		For >50, Deduct	*-64.87*	
10 71 16 13-0124	EA	48" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,175.50	58.89
		For Impact Bahama Shutters, Add	*434.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-26.16*	
		For >25 To 50, Deduct	*-50.11*	
		For >50, Deduct	*-74.06*	
10 71 16 13-0125	EA	48" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,310.14	62.83
		For Impact Bahama Shutters, Add	*486.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-29.03*	
		For >25 To 50, Deduct	*-55.70*	
		For >50, Deduct	*-82.38*	
10 71 16 13-0126	EA	48" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,452.35	71.79
		For Impact Bahama Shutters, Add	*537.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-32.28*	
		For >25 To 50, Deduct	*-61.86*	
		For >50, Deduct	*-91.45*	
10 71 16 13-0127	EA	48" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,594.53	80.77
		For Impact Bahama Shutters, Add	*589.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-35.52*	
		For >25 To 50, Deduct	*-68.02*	
		For >50, Deduct	*-100.52*	
10 71 16 13-0128	EA	48" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,736.74	89.74
		For Impact Bahama Shutters, Add	*640.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-38.77*	
		For >25 To 50, Deduct	*-74.18*	
		For >50, Deduct	*-109.59*	
10 71 16 13-0129	EA	48" Wide x 66" High, Architectural Aluminum Bahama Shutter	1,871.56	93.78
		For Impact Bahama Shutters, Add	*692.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-41.65*	
		For >25 To 50, Deduct	*-79.78*	
		For >50, Deduct	*-117.92*	
10 71 16 13-0130	EA	48" Wide x 72" High, Architectural Aluminum Bahama Shutter	2,013.07	102.30
		For Impact Bahama Shutters, Add	*743.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-44.86*	
		For >25 To 50, Deduct	*-85.89*	
		For >50, Deduct	*-126.92*	
10 71 16 13-0131	EA	48" Wide x 78" High, Architectural Aluminum Bahama Shutter	2,146.29	105.29
		For Impact Bahama Shutters, Add	*795.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-47.66*	
		For >25 To 50, Deduct	*-91.38*	
		For >50, Deduct	*-135.09*	
10 71 16 13-0132	EA	48" Wide x 84" High, Architectural Aluminum Bahama Shutter	2,287.19	113.40
		For Impact Bahama Shutters, Add	*846.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-50.84*	
		For >25 To 50, Deduct	*-97.44*	
		For >50, Deduct	*-144.03*	
10 71 16 13-0133	EA	48" Wide x 90" High, Architectural Aluminum Bahama Shutter	2,418.97	115.41
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*312.33*	
		For >10 To 25, Deduct	*-53.57*	
		For >25 To 50, Deduct	*-102.82*	
		For >50, Deduct	*-152.06*	
10 71 16 13-0134	EA	54" Wide x 24" High, Architectural Aluminum Bahama Shutter	960.30	44.16
		For Impact Bahama Shutters, Add	*357.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-21.19*	
		For >25 To 50, Deduct	*-40.73*	
		For >50, Deduct	*-60.27*	
10 71 16 13-0135	EA	54" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,121.69	55.21
		For Impact Bahama Shutters, Add	*415.57*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-24.92*	
		For >25 To 50, Deduct	*-47.76*	
		For >50, Deduct	*-70.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0136	EA	54" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,283.10	66.26
		For Impact Bahama Shutters, Add	*473.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-28.64*	
		For >25 To 50, Deduct	*-54.80*	
		For >50, Deduct	*-80.96*	
10 71 16 13-0137	EA	54" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,434.56	70.68
		For Impact Bahama Shutters, Add	*531.44*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-31.87*	
		For >25 To 50, Deduct	*-61.09*	
		For >50, Deduct	*-90.31*	
10 71 16 13-0138	EA	54" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,594.53	80.77
		For Impact Bahama Shutters, Add	*589.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-35.52*	
		For >25 To 50, Deduct	*-68.02*	
		For >50, Deduct	*-100.52*	
10 71 16 13-0139	EA	54" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,754.52	90.88
		For Impact Bahama Shutters, Add	*647.31*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-39.18*	
		For >25 To 50, Deduct	*-74.95*	
		For >50, Deduct	*-110.72*	
10 71 16 13-0140	EA	54" Wide x 60" High, Architectural Aluminum Bahama Shutter	1,914.50	100.97
		For Impact Bahama Shutters, Add	*705.25*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-42.83*	
		For >25 To 50, Deduct	*-81.88*	
		For >50, Deduct	*-120.92*	
10 71 16 13-0141	EA	54" Wide x 66" High, Architectural Aluminum Bahama Shutter	2,066.16	105.50
		For Impact Bahama Shutters, Add	*763.19*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-46.07*	
		For >25 To 50, Deduct	*-88.18*	
		For >50, Deduct	*-130.30*	
10 71 16 13-0142	EA	54" Wide x 72" High, Architectural Aluminum Bahama Shutter	2,225.38	115.10
		For Impact Bahama Shutters, Add	*821.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-49.68*	
		For >25 To 50, Deduct	*-95.06*	
		For >50, Deduct	*-140.43*	
10 71 16 13-0143	EA	54" Wide x 78" High, Architectural Aluminum Bahama Shutter	2,375.24	118.45
		For Impact Bahama Shutters, Add	*879.06*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-52.83*	
		For >25 To 50, Deduct	*-101.23*	
		For >50, Deduct	*-149.62*	
10 71 16 13-0144	EA	54" Wide x 84" High, Architectural Aluminum Bahama Shutter	2,533.75	127.58
		For Impact Bahama Shutters, Add	*937.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-56.41*	
		For >25 To 50, Deduct	*-108.04*	
		For >50, Deduct	*-159.68*	
10 71 16 13-0145	EA	54" Wide x 90" High, Architectural Aluminum Bahama Shutter	2,682.00	129.85
		For Impact Bahama Shutters, Add	*994.93*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-59.48*	
		For >25 To 50, Deduct	*-114.09*	
		For >50, Deduct	*-168.71*	
10 71 16 13-0146	EA	54" Wide x 96" High, Architectural Aluminum Bahama Shutter	2,831.52	132.96
		For Impact Bahama Shutters, Add	*1,052.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-62.61*	
		For >25 To 50, Deduct	*-120.24*	
		For >50, Deduct	*-177.87*	
10 71 16 13-0147	EA	54" Wide x 102" High, Architectural Aluminum Bahama Shutter	2,980.34	135.62
		For Impact Bahama Shutters, Add	*1,110.80*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-65.71*	
		For >25 To 50, Deduct	*-126.33*	
		For >50, Deduct	*-186.95*	
10 71 16 13-0148	EA	54" Wide x 108" High, Architectural Aluminum Bahama Shutter	3,128.54	137.85
		For Impact Bahama Shutters, Add	*1,168.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-68.77*	
		For >25 To 50, Deduct	*-132.38*	
		For >50, Deduct	*-195.98*	
10 71 16 13-0149	EA	54" Wide x 114" High, Architectural Aluminum Bahama Shutter	3,276.13	139.69
		For Impact Bahama Shutters, Add	*1,226.68*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-71.81*	
		For >25 To 50, Deduct	*-138.38*	
		For >50, Deduct	*-204.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0150	EA	54" Wide x 120" High, Architectural Aluminum Bahama Shutter	3,423.18	141.17
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-74.81*	
		For >25 To 50, Deduct	*-144.33*	
		For >50, Deduct	*-213.86*	
10 71 16 13-0151	EA	60" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,032.04	49.08
		For Impact Bahama Shutters, Add	*383.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-22.85*	
		For >25 To 50, Deduct	*-43.86*	
		For >50, Deduct	*-64.87*	
10 71 16 13-0152	EA	60" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,211.37	61.35
		For Impact Bahama Shutters, Add	*447.76*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-26.99*	
		For >25 To 50, Deduct	*-51.67*	
		For >50, Deduct	*-76.36*	
10 71 16 13-0153	EA	60" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,390.70	73.62
		For Impact Bahama Shutters, Add	*512.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-31.13*	
		For >25 To 50, Deduct	*-59.49*	
		For >50, Deduct	*-87.86*	
10 71 16 13-0154	EA	60" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,558.99	78.53
		For Impact Bahama Shutters, Add	*576.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-34.71*	
		For >25 To 50, Deduct	*-66.48*	
		For >50, Deduct	*-98.25*	
10 71 16 13-0155	EA	60" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,736.74	89.74
		For Impact Bahama Shutters, Add	*640.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-38.77*	
		For >25 To 50, Deduct	*-74.18*	
		For >50, Deduct	*-109.59*	
10 71 16 13-0156	EA	60" Wide x 54" High, Architectural Aluminum Bahama Shutter	1,914.50	100.97
		For Impact Bahama Shutters, Add	*705.25*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-42.83*	
		For >25 To 50, Deduct	*-81.88*	
		For >50, Deduct	*-120.92*	
10 71 16 13-0157	EA	60" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,092.25	112.18
		For Impact Bahama Shutters, Add	*769.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-46.89*	
		For >25 To 50, Deduct	*-89.58*	
		For >50, Deduct	*-132.26*	
10 71 16 13-0158	EA	60" Wide x 66" High, Architectural Aluminum Bahama Shutter	2,260.75	117.23
		For Impact Bahama Shutters, Add	*834.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-50.49*	
		For >25 To 50, Deduct	*-96.58*	
		For >50, Deduct	*-142.68*	
10 71 16 13-0159	EA	60" Wide x 72" High, Architectural Aluminum Bahama Shutter	2,437.66	127.88
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-54.51*	
		For >25 To 50, Deduct	*-104.22*	
		For >50, Deduct	*-153.93*	
10 71 16 13-0160	EA	60" Wide x 78" High, Architectural Aluminum Bahama Shutter	2,604.19	131.62
		For Impact Bahama Shutters, Add	*962.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-58.00*	
		For >25 To 50, Deduct	*-111.07*	
		For >50, Deduct	*-164.14*	
10 71 16 13-0161	EA	60" Wide x 84" High, Architectural Aluminum Bahama Shutter	2,780.31	141.74
		For Impact Bahama Shutters, Add	*1,027.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-61.98*	
		For >25 To 50, Deduct	*-118.65*	
		For >50, Deduct	*-175.32*	
10 71 16 13-0162	EA	60" Wide x 90" High, Architectural Aluminum Bahama Shutter	2,945.03	144.28
		For Impact Bahama Shutters, Add	*1,091.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-65.39*	
		For >25 To 50, Deduct	*-125.37*	
		For >50, Deduct	*-185.35*	
10 71 16 13-0163	EA	60" Wide x 96" High, Architectural Aluminum Bahama Shutter	3,111.16	147.74
		For Impact Bahama Shutters, Add	*1,155.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-68.87*	
		For >25 To 50, Deduct	*-132.20*	
		For >50, Deduct	*-195.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0164	EA	60" Wide x 102" High, Architectural Aluminum Bahama Shutter	3,276.52	150.70
		For Impact Bahama Shutters, Add	*1,220.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-72.31*	
		For >25 To 50, Deduct	*-138.97*	
		For >50, Deduct	*-205.63*	
10 71 16 13-0165	EA	60" Wide x 108" High, Architectural Aluminum Bahama Shutter	3,441.19	153.18
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-75.71*	
		For >25 To 50, Deduct	*-145.69*	
		For >50, Deduct	*-215.66*	
10 71 16 13-0166	EA	60" Wide x 114" High, Architectural Aluminum Bahama Shutter	3,605.17	155.21
		For Impact Bahama Shutters, Add	*1,348.99*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-79.08*	
		For >25 To 50, Deduct	*-152.35*	
		For >50, Deduct	*-225.62*	
10 71 16 13-0167	EA	60" Wide x 120" High, Architectural Aluminum Bahama Shutter	3,768.56	156.85
		For Impact Bahama Shutters, Add	*1,413.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*338.61*	
		For >10 To 25, Deduct	*-82.43*	
		For >25 To 50, Deduct	*-158.97*	
		For >50, Deduct	*-235.52*	

10 71 16 13-0168 >60" To 90" Wide *(10 71 16 13-0011)*

10 71 16 13-0169	EA	66" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,099.72	51.29
		For Impact Bahama Shutters, Add	*409.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-24.30*	
		For >25 To 50, Deduct	*-46.68*	
		For >50, Deduct	*-69.06*	
10 71 16 13-0170	EA	66" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,295.98	64.10
		For Impact Bahama Shutters, Add	*479.94*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-28.80*	
		For >25 To 50, Deduct	*-55.20*	
		For >50, Deduct	*-81.60*	
10 71 16 13-0171	EA	66" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,492.22	76.94
		For Impact Bahama Shutters, Add	*550.75*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-33.30*	
		For >25 To 50, Deduct	*-63.73*	
		For >50, Deduct	*-94.15*	
10 71 16 13-0172	EA	66" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,676.95	82.07
		For Impact Bahama Shutters, Add	*621.56*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-37.23*	
		For >25 To 50, Deduct	*-71.38*	
		For >50, Deduct	*-105.54*	
10 71 16 13-0173	EA	66" Wide x 48" High, Architectural Aluminum Bahama Shutter	1,871.56	93.78
		For Impact Bahama Shutters, Add	*692.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-41.65*	
		For >25 To 50, Deduct	*-79.78*	
		For >50, Deduct	*-117.92*	
10 71 16 13-0174	EA	66" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,066.16	105.50
		For Impact Bahama Shutters, Add	*763.19*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-46.07*	
		For >25 To 50, Deduct	*-88.18*	
		For >50, Deduct	*-130.30*	
10 71 16 13-0175	EA	66" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,260.75	117.23
		For Impact Bahama Shutters, Add	*834.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-50.49*	
		For >25 To 50, Deduct	*-96.58*	
		For >50, Deduct	*-142.68*	
10 71 16 13-0176	EA	66" Wide x 66" High, Architectural Aluminum Bahama Shutter	2,445.68	122.51
		For Impact Bahama Shutters, Add	*904.81*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-54.42*	
		For >25 To 50, Deduct	*-104.26*	
		For >50, Deduct	*-154.09*	
10 71 16 13-0177	EA	66" Wide x 72" High, Architectural Aluminum Bahama Shutter	2,639.42	133.64
		For Impact Bahama Shutters, Add	*975.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-58.80*	
		For >25 To 50, Deduct	*-112.59*	
		For >50, Deduct	*-166.38*	
10 71 16 13-0178	EA	66" Wide x 78" High, Architectural Aluminum Bahama Shutter	2,822.29	137.54
		For Impact Bahama Shutters, Add	*1,046.43*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-62.63*	
		For >25 To 50, Deduct	*-120.11*	
		For >50, Deduct	*-177.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0179	EA	66" Wide x 84" High, Architectural Aluminum Bahama Shutter	3,015.18	148.13
		For Impact Bahama Shutters, Add	*1,117.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-66.97*	
		For >25 To 50, Deduct	*-128.38*	
		For >50, Deduct	*-189.79*	
10 71 16 13-0180	EA	66" Wide x 90" High, Architectural Aluminum Bahama Shutter	3,196.17	150.77
		For Impact Bahama Shutters, Add	*1,188.05*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-70.70*	
		For >25 To 50, Deduct	*-135.76*	
		For >50, Deduct	*-200.81*	
10 71 16 13-0181	EA	66" Wide x 96" High, Architectural Aluminum Bahama Shutter	3,378.62	154.39
		For Impact Bahama Shutters, Add	*1,258.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-74.52*	
		For >25 To 50, Deduct	*-143.25*	
		For >50, Deduct	*-211.98*	
10 71 16 13-0182	EA	66" Wide x 102" High, Architectural Aluminum Bahama Shutter	3,560.28	157.47
		For Impact Bahama Shutters, Add	*1,329.68*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-78.29*	
		For >25 To 50, Deduct	*-150.67*	
		For >50, Deduct	*-223.06*	
10 71 16 13-0183	EA	66" Wide x 108" High, Architectural Aluminum Bahama Shutter	3,741.19	160.06
		For Impact Bahama Shutters, Add	*1,400.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-82.02*	
		For >25 To 50, Deduct	*-158.05*	
		For >50, Deduct	*-234.07*	
10 71 16 13-0184	EA	66" Wide x 114" High, Architectural Aluminum Bahama Shutter	3,921.42	162.20
		For Impact Bahama Shutters, Add	*1,471.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-85.72*	
		For >25 To 50, Deduct	*-165.37*	
		For >50, Deduct	*-245.01*	
10 71 16 13-0185	EA	66" Wide x 120" High, Architectural Aluminum Bahama Shutter	4,101.00	163.91
		For Impact Bahama Shutters, Add	*1,542.11*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-89.39*	
		For >25 To 50, Deduct	*-172.64*	
		For >50, Deduct	*-255.89*	
10 71 16 13-0186	EA	72" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,171.08	55.95
		For Impact Bahama Shutters, Add	*434.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-25.94*	
		For >25 To 50, Deduct	*-49.78*	
		For >50, Deduct	*-73.62*	
10 71 16 13-0187	EA	72" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,385.17	69.94
		For Impact Bahama Shutters, Add	*512.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-30.85*	
		For >25 To 50, Deduct	*-59.08*	
		For >50, Deduct	*-87.30*	
10 71 16 13-0188	EA	72" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,599.26	83.92
		For Impact Bahama Shutters, Add	*589.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-35.76*	
		For >25 To 50, Deduct	*-68.37*	
		For >50, Deduct	*-100.99*	
10 71 16 13-0189	EA	72" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,800.78	89.52
		For Impact Bahama Shutters, Add	*666.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-40.04*	
		For >25 To 50, Deduct	*-76.73*	
		For >50, Deduct	*-113.42*	
10 71 16 13-0190	EA	72" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,013.07	102.30
		For Impact Bahama Shutters, Add	*743.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-44.86*	
		For >25 To 50, Deduct	*-85.89*	
		For >50, Deduct	*-126.92*	
10 71 16 13-0191	EA	72" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,225.38	115.10
		For Impact Bahama Shutters, Add	*821.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-49.68*	
		For >25 To 50, Deduct	*-95.06*	
		For >50, Deduct	*-140.43*	
10 71 16 13-0192	EA	72" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,437.66	127.88
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-54.51*	
		For >25 To 50, Deduct	*-104.22*	
		For >50, Deduct	*-153.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0193	EA	72" Wide x 66" High, Architectural Aluminum Bahama Shutter	2,639.42	133.64
		For Impact Bahama Shutters, Add	*975.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-58.80*	
		For >25 To 50, Deduct	*-112.59*	
		For >50, Deduct	*-166.38*	
10 71 16 13-0194	EA	72" Wide x 72" High, Architectural Aluminum Bahama Shutter	2,850.75	145.78
		For Impact Bahama Shutters, Add	*1,052.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-63.57*	
		For >25 To 50, Deduct	*-121.68*	
		For >50, Deduct	*-179.79*	
10 71 16 13-0195	EA	72" Wide x 78" High, Architectural Aluminum Bahama Shutter	3,064.56	150.05
		For Impact Bahama Shutters, Add	*1,135.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-68.04*	
		For >25 To 50, Deduct	*-130.46*	
		For >50, Deduct	*-192.87*	
10 71 16 13-0196	EA	72" Wide x 84" High, Architectural Aluminum Bahama Shutter	3,260.67	161.59
		For Impact Bahama Shutters, Add	*1,207.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-72.48*	
		For >25 To 50, Deduct	*-138.91*	
		For >50, Deduct	*-205.33*	
10 71 16 13-0197	EA	72" Wide x 90" High, Architectural Aluminum Bahama Shutter	3,458.12	164.47
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-76.56*	
		For >25 To 50, Deduct	*-146.96*	
		For >50, Deduct	*-217.35*	
10 71 16 13-0198	EA	72" Wide x 96" High, Architectural Aluminum Bahama Shutter	3,657.16	168.43
		For Impact Bahama Shutters, Add	*1,361.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-80.72*	
		For >25 To 50, Deduct	*-155.12*	
		For >50, Deduct	*-229.53*	
10 71 16 13-0199	EA	72" Wide x 102" High, Architectural Aluminum Bahama Shutter	3,855.33	171.78
		For Impact Bahama Shutters, Add	*1,439.11*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-84.83*	
		For >25 To 50, Deduct	*-163.23*	
		For >50, Deduct	*-241.62*	
10 71 16 13-0200	EA	72" Wide x 108" High, Architectural Aluminum Bahama Shutter	4,052.70	174.61
		For Impact Bahama Shutters, Add	*1,516.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-88.91*	
		For >25 To 50, Deduct	*-171.27*	
		For >50, Deduct	*-253.63*	
10 71 16 13-0201	EA	72" Wide x 114" High, Architectural Aluminum Bahama Shutter	4,249.31	176.95
		For Impact Bahama Shutters, Add	*1,593.61*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-92.94*	
		For >25 To 50, Deduct	*-179.26*	
		For >50, Deduct	*-265.57*	
10 71 16 13-0202	EA	72" Wide x 120" High, Architectural Aluminum Bahama Shutter	4,445.22	178.81
		For Impact Bahama Shutters, Add	*1,670.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*363.72*	
		For >10 To 25, Deduct	*-96.95*	
		For >25 To 50, Deduct	*-187.19*	
		For >50, Deduct	*-277.44*	
10 71 16 13-0203	EA	78" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,242.46	60.62
		For Impact Bahama Shutters, Add	*460.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-27.58*	
		For >25 To 50, Deduct	*-52.88*	
		For >50, Deduct	*-78.18*	
10 71 16 13-0204	EA	78" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,474.38	75.78
		For Impact Bahama Shutters, Add	*544.32*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-32.90*	
		For >25 To 50, Deduct	*-62.95*	
		For >50, Deduct	*-93.01*	
10 71 16 13-0205	EA	78" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,706.30	90.92
		For Impact Bahama Shutters, Add	*628.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-38.22*	
		For >25 To 50, Deduct	*-73.02*	
		For >50, Deduct	*-107.83*	
10 71 16 13-0206	EA	78" Wide x 42" High, Architectural Aluminum Bahama Shutter	1,924.63	96.98
		For Impact Bahama Shutters, Add	*711.69*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-42.85*	
		For >25 To 50, Deduct	*-82.07*	
		For >50, Deduct	*-121.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0207	EA	78" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,154.59	110.84
		For Impact Bahama Shutters, Add	*795.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-48.08*	
		For >25 To 50, Deduct	*-92.00*	
		For >50, Deduct	*-135.92*	
10 71 16 13-0208	EA	78" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,384.59	124.69
		For Impact Bahama Shutters, Add	*879.06*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-53.30*	
		For >25 To 50, Deduct	*-101.93*	
		For >50, Deduct	*-150.55*	
10 71 16 13-0209	EA	78" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,614.58	138.54
		For Impact Bahama Shutters, Add	*962.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-58.52*	
		For >25 To 50, Deduct	*-111.85*	
		For >50, Deduct	*-165.18*	
10 71 16 13-0210	EA	78" Wide x 66" High, Architectural Aluminum Bahama Shutter	2,833.14	144.77
		For Impact Bahama Shutters, Add	*1,046.43*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-63.17*	
		For >25 To 50, Deduct	*-120.92*	
		For >50, Deduct	*-178.67*	
10 71 16 13-0211	EA	78" Wide x 72" High, Architectural Aluminum Bahama Shutter	3,062.09	157.95
		For Impact Bahama Shutters, Add	*1,130.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-68.35*	
		For >25 To 50, Deduct	*-130.77*	
		For >50, Deduct	*-193.20*	
10 71 16 13-0212	EA	78" Wide x 78" High, Architectural Aluminum Bahama Shutter	3,278.20	162.55
		For Impact Bahama Shutters, Add	*1,213.80*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-72.87*	
		For >25 To 50, Deduct	*-139.66*	
		For >50, Deduct	*-206.44*	
10 71 16 13-0213	EA	78" Wide x 84" High, Architectural Aluminum Bahama Shutter	3,506.17	175.05
		For Impact Bahama Shutters, Add	*1,297.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-78.00*	
		For >25 To 50, Deduct	*-149.43*	
		For >50, Deduct	*-220.87*	
10 71 16 13-0214	EA	78" Wide x 90" High, Architectural Aluminum Bahama Shutter	3,720.07	178.18
		For Impact Bahama Shutters, Add	*1,381.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-82.42*	
		For >25 To 50, Deduct	*-158.15*	
		For >50, Deduct	*-233.89*	
10 71 16 13-0215	EA	78" Wide x 96" High, Architectural Aluminum Bahama Shutter	3,935.69	182.45
		For Impact Bahama Shutters, Add	*1,464.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-86.92*	
		For >25 To 50, Deduct	*-167.00*	
		For >50, Deduct	*-247.08*	
10 71 16 13-0216	EA	78" Wide x 102" High, Architectural Aluminum Bahama Shutter	4,150.38	186.10
		For Impact Bahama Shutters, Add	*1,548.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-91.38*	
		For >25 To 50, Deduct	*-175.78*	
		For >50, Deduct	*-260.18*	
10 71 16 13-0217	EA	78" Wide x 108" High, Architectural Aluminum Bahama Shutter	4,364.19	189.16
		For Impact Bahama Shutters, Add	*1,632.23*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-95.79*	
		For >25 To 50, Deduct	*-184.49*	
		For >50, Deduct	*-273.20*	
10 71 16 13-0218	EA	78" Wide x 114" High, Architectural Aluminum Bahama Shutter	4,577.19	191.69
		For Impact Bahama Shutters, Add	*1,715.92*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-100.17*	
		For >25 To 50, Deduct	*-193.15*	
		For >50, Deduct	*-286.13*	
10 71 16 13-0219	EA	78" Wide x 120" High, Architectural Aluminum Bahama Shutter	4,789.43	193.71
		For Impact Bahama Shutters, Add	*1,799.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-104.50*	
		For >25 To 50, Deduct	*-201.74*	
		For >50, Deduct	*-298.98*	
10 71 16 13-0220	EA	84" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,313.81	65.28
		For Impact Bahama Shutters, Add	*486.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-29.21*	
		For >25 To 50, Deduct	*-55.98*	
		For >50, Deduct	*-82.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0221	EA	84" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,563.60	81.60
		For Impact Bahama Shutters, Add	*576.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-34.94*	
		For >25 To 50, Deduct	*-66.83*	
		For >50, Deduct	*-98.71*	
10 71 16 13-0222	EA	84" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,813.37	97.91
		For Impact Bahama Shutters, Add	*666.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-40.67*	
		For >25 To 50, Deduct	*-77.67*	
		For >50, Deduct	*-114.67*	
10 71 16 13-0223	EA	84" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,048.45	104.44
		For Impact Bahama Shutters, Add	*756.75*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-45.67*	
		For >25 To 50, Deduct	*-87.42*	
		For >50, Deduct	*-129.17*	
10 71 16 13-0224	EA	84" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,296.13	119.36
		For Impact Bahama Shutters, Add	*846.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-51.29*	
		For >25 To 50, Deduct	*-98.11*	
		For >50, Deduct	*-144.93*	
10 71 16 13-0225	EA	84" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,543.81	134.28
		For Impact Bahama Shutters, Add	*937.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-56.92*	
		For >25 To 50, Deduct	*-108.80*	
		For >50, Deduct	*-160.68*	
10 71 16 13-0226	EA	84" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,791.49	149.21
		For Impact Bahama Shutters, Add	*1,027.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-62.54*	
		For >25 To 50, Deduct	*-119.49*	
		For >50, Deduct	*-176.44*	
10 71 16 13-0227	EA	84" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,026.87	155.92
		For Impact Bahama Shutters, Add	*1,117.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-67.55*	
		For >25 To 50, Deduct	*-129.26*	
		For >50, Deduct	*-190.96*	
10 71 16 13-0228	EA	84" Wide x 72" High, Architectural Aluminum Bahama Shutter	3,273.41	170.09
		For Impact Bahama Shutters, Add	*1,207.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-73.12*	
		For >25 To 50, Deduct	*-139.86*	
		For >50, Deduct	*-206.60*	
10 71 16 13-0229	EA	84" Wide x 78" High, Architectural Aluminum Bahama Shutter	3,506.17	175.05
		For Impact Bahama Shutters, Add	*1,297.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-78.00*	
		For >25 To 50, Deduct	*-149.43*	
		For >50, Deduct	*-220.87*	
10 71 16 13-0230	EA	84" Wide x 84" High, Architectural Aluminum Bahama Shutter	3,751.66	188.51
		For Impact Bahama Shutters, Add	*1,387.61*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-83.51*	
		For >25 To 50, Deduct	*-159.96*	
		For >50, Deduct	*-236.40*	
10 71 16 13-0231	EA	84" Wide x 90" High, Architectural Aluminum Bahama Shutter	3,982.01	191.88
		For Impact Bahama Shutters, Add	*1,477.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-88.27*	
		For >25 To 50, Deduct	*-169.35*	
		For >50, Deduct	*-250.43*	
10 71 16 13-0232	EA	84" Wide x 96" High, Architectural Aluminum Bahama Shutter	4,214.24	196.49
		For Impact Bahama Shutters, Add	*1,567.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-93.12*	
		For >25 To 50, Deduct	*-178.88*	
		For >50, Deduct	*-264.64*	
10 71 16 13-0233	EA	84" Wide x 102" High, Architectural Aluminum Bahama Shutter	4,445.43	200.43
		For Impact Bahama Shutters, Add	*1,657.98*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-97.92*	
		For >25 To 50, Deduct	*-188.33*	
		For >50, Deduct	*-278.75*	
10 71 16 13-0234	EA	84" Wide x 108" High, Architectural Aluminum Bahama Shutter	4,675.69	203.72
		For Impact Bahama Shutters, Add	*1,748.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-102.68*	
		For >25 To 50, Deduct	*-197.72*	
		For >50, Deduct	*-292.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0235	EA	84" Wide x 114" High, Architectural Aluminum Bahama Shutter	4,905.07	206.44
		For Impact Bahama Shutters, Add	*1,838.23*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-107.39*	
		For >25 To 50, Deduct	*-207.04*	
		For >50, Deduct	*-306.68*	
10 71 16 13-0236	EA	84" Wide x 120" High, Architectural Aluminum Bahama Shutter	5,133.63	208.61
		For Impact Bahama Shutters, Add	*1,928.35*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*391.16*	
		For >10 To 25, Deduct	*-112.06*	
		For >25 To 50, Deduct	*-216.29*	
		For >50, Deduct	*-320.53*	
10 71 16 13-0237	EA	90" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,385.17	69.94
		For Impact Bahama Shutters, Add	*512.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-30.85*	
		For >25 To 50, Deduct	*-59.08*	
		For >50, Deduct	*-87.30*	
10 71 16 13-0238	EA	90" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,652.79	87.43
		For Impact Bahama Shutters, Add	*608.69*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-36.99*	
		For >25 To 50, Deduct	*-70.70*	
		For >50, Deduct	*-104.41*	
10 71 16 13-0239	EA	90" Wide x 36" High, Architectural Aluminum Bahama Shutter	1,920.41	104.91
		For Impact Bahama Shutters, Add	*705.25*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-43.13*	
		For >25 To 50, Deduct	*-82.32*	
		For >50, Deduct	*-121.52*	
10 71 16 13-0240	EA	90" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,172.30	111.91
		For Impact Bahama Shutters, Add	*801.81*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-48.48*	
		For >25 To 50, Deduct	*-92.76*	
		For >50, Deduct	*-137.05*	
10 71 16 13-0241	EA	90" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,437.66	127.88
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-54.51*	
		For >25 To 50, Deduct	*-104.22*	
		For >50, Deduct	*-153.93*	
10 71 16 13-0242	EA	90" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,703.03	143.87
		For Impact Bahama Shutters, Add	*994.93*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-60.53*	
		For >25 To 50, Deduct	*-115.67*	
		For >50, Deduct	*-170.81*	
10 71 16 13-0243	EA	90" Wide x 60" High, Architectural Aluminum Bahama Shutter	2,968.40	159.86
		For Impact Bahama Shutters, Add	*1,091.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-66.56*	
		For >25 To 50, Deduct	*-127.12*	
		For >50, Deduct	*-187.69*	
10 71 16 13-0244	EA	90" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,220.58	167.05
		For Impact Bahama Shutters, Add	*1,188.05*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-71.93*	
		For >25 To 50, Deduct	*-137.59*	
		For >50, Deduct	*-203.25*	
10 71 16 13-0245	EA	90" Wide x 72" High, Architectural Aluminum Bahama Shutter	3,484.76	182.24
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-77.89*	
		For >25 To 50, Deduct	*-148.95*	
		For >50, Deduct	*-220.01*	
10 71 16 13-0246	EA	90" Wide x 78" High, Architectural Aluminum Bahama Shutter	3,734.13	187.56
		For Impact Bahama Shutters, Add	*1,381.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-83.12*	
		For >25 To 50, Deduct	*-159.21*	
		For >50, Deduct	*-235.30*	
10 71 16 13-0247	EA	90" Wide x 84" High, Architectural Aluminum Bahama Shutter	3,997.16	201.99
		For Impact Bahama Shutters, Add	*1,477.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-89.03*	
		For >25 To 50, Deduct	*-170.49*	
		For >50, Deduct	*-251.94*	
10 71 16 13-0248	EA	90" Wide x 90" High, Architectural Aluminum Bahama Shutter	4,243.98	205.59
		For Impact Bahama Shutters, Add	*1,574.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-94.13*	
		For >25 To 50, Deduct	*-180.55*	
		For >50, Deduct	*-266.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0249	EA	90" Wide x 96" High, Architectural Aluminum Bahama Shutter	4,492.77	210.52
		For Impact Bahama Shutters, Add	*1,670.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-99.32*	
		For >25 To 50, Deduct	*-190.76*	
		For >50, Deduct	*-282.19*	
10 71 16 13-0250	EA	90" Wide x 102" High, Architectural Aluminum Bahama Shutter	4,740.48	214.73
		For Impact Bahama Shutters, Add	*1,767.42*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-104.47*	
		For >25 To 50, Deduct	*-200.89*	
		For >50, Deduct	*-297.31*	
10 71 16 13-0251	EA	90" Wide x 108" High, Architectural Aluminum Bahama Shutter	4,987.18	218.27
		For Impact Bahama Shutters, Add	*1,863.98*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-109.56*	
		For >25 To 50, Deduct	*-210.94*	
		For >50, Deduct	*-312.32*	
10 71 16 13-0252	EA	90" Wide x 114" High, Architectural Aluminum Bahama Shutter	5,232.95	221.17
		For Impact Bahama Shutters, Add	*1,960.54*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-114.61*	
		For >25 To 50, Deduct	*-220.92*	
		For >50, Deduct	*-327.24*	
10 71 16 13-0253	EA	90" Wide x 120" High, Architectural Aluminum Bahama Shutter	5,477.84	223.52
		For Impact Bahama Shutters, Add	*2,057.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-119.61*	
		For >25 To 50, Deduct	*-230.84*	
		For >50, Deduct	*-342.07*	

10 71 16 13-0254 >90" Wide *(10 71 16 13-0011)*

10 71 16 13-0255	EA	96" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,450.95	70.87
		For Impact Bahama Shutters, Add	*537.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-32.21*	
		For >25 To 50, Deduct	*-61.76*	
		For >50, Deduct	*-91.31*	
10 71 16 13-0256	EA	96" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,735.01	88.59
		For Impact Bahama Shutters, Add	*640.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-38.68*	
		For >25 To 50, Deduct	*-74.05*	
		For >50, Deduct	*-109.41*	
10 71 16 13-0257	EA	96" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,019.07	106.31
		For Impact Bahama Shutters, Add	*743.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-45.16*	
		For >25 To 50, Deduct	*-86.34*	
		For >50, Deduct	*-127.52*	
10 71 16 13-0258	EA	96" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,287.19	113.40
		For Impact Bahama Shutters, Add	*846.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-50.84*	
		For >25 To 50, Deduct	*-97.44*	
		For >50, Deduct	*-144.03*	
10 71 16 13-0259	EA	96" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,568.97	129.60
		For Impact Bahama Shutters, Add	*949.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-57.21*	
		For >25 To 50, Deduct	*-109.56*	
		For >50, Deduct	*-161.91*	
10 71 16 13-0260	EA	96" Wide x 54" High, Architectural Aluminum Bahama Shutter	2,850.75	145.78
		For Impact Bahama Shutters, Add	*1,052.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-63.57*	
		For >25 To 50, Deduct	*-121.68*	
		For >50, Deduct	*-179.79*	
10 71 16 13-0261	EA	96" Wide x 60" High, Architectural Aluminum Bahama Shutter	3,132.54	161.99
		For Impact Bahama Shutters, Add	*1,155.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-69.94*	
		For >25 To 50, Deduct	*-133.80*	
		For >50, Deduct	*-197.67*	
10 71 16 13-0262	EA	96" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,400.96	169.28
		For Impact Bahama Shutters, Add	*1,258.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-75.63*	
		For >25 To 50, Deduct	*-144.92*	
		For >50, Deduct	*-214.21*	
10 71 16 13-0263	EA	96" Wide x 72" High, Architectural Aluminum Bahama Shutter	3,681.53	184.68
		For Impact Bahama Shutters, Add	*1,361.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-81.94*	
		For >25 To 50, Deduct	*-156.95*	
		For >50, Deduct	*-231.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0264	EA	96" Wide x 78" High, Architectural Aluminum Bahama Shutter	3,947.09	190.06
		For Impact Bahama Shutters, Add	*1,464.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-87.49*	
		For >25 To 50, Deduct	*-167.86*	
		For >50, Deduct	*-248.22*	
10 71 16 13-0265	EA	96" Wide x 84" High, Architectural Aluminum Bahama Shutter	4,226.51	204.67
		For Impact Bahama Shutters, Add	*1,567.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-93.74*	
		For >25 To 50, Deduct	*-179.80*	
		For >50, Deduct	*-265.87*	
10 71 16 13-0266	EA	96" Wide x 90" High, Architectural Aluminum Bahama Shutter	4,489.47	208.34
		For Impact Bahama Shutters, Add	*1,670.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-99.16*	
		For >25 To 50, Deduct	*-190.51*	
		For >50, Deduct	*-281.86*	
10 71 16 13-0267	EA	96" Wide x 96" High, Architectural Aluminum Bahama Shutter	4,754.48	213.33
		For Impact Bahama Shutters, Add	*1,773.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-104.68*	
		For >25 To 50, Deduct	*-201.37*	
		For >50, Deduct	*-298.06*	
10 71 16 13-0268	EA	96" Wide x 102" High, Architectural Aluminum Bahama Shutter	5,018.36	217.60
		For Impact Bahama Shutters, Add	*1,876.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-110.15*	
		For >25 To 50, Deduct	*-212.15*	
		For >50, Deduct	*-314.15*	
10 71 16 13-0269	EA	96" Wide x 108" High, Architectural Aluminum Bahama Shutter	5,281.23	221.17
		For Impact Bahama Shutters, Add	*1,979.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-115.57*	
		For >25 To 50, Deduct	*-222.86*	
		For >50, Deduct	*-330.14*	
10 71 16 13-0270	EA	96" Wide x 114" High, Architectural Aluminum Bahama Shutter	5,543.14	224.13
		For Impact Bahama Shutters, Add	*2,082.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-120.94*	
		For >25 To 50, Deduct	*-233.49*	
		For >50, Deduct	*-346.03*	
10 71 16 13-0271	EA	96" Wide x 120" High, Architectural Aluminum Bahama Shutter	5,804.18	226.50
		For Impact Bahama Shutters, Add	*2,185.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*418.59*	
		For >10 To 25, Deduct	*-126.27*	
		For >25 To 50, Deduct	*-244.05*	
		For >50, Deduct	*-361.83*	
10 71 16 13-0272	EA	102" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,521.97	75.30
		For Impact Bahama Shutters, Add	*563.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-33.83*	
		For >25 To 50, Deduct	*-64.83*	
		For >50, Deduct	*-95.83*	
10 71 16 13-0273	EA	102" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,823.79	94.13
		For Impact Bahama Shutters, Add	*673.06*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-40.71*	
		For >25 To 50, Deduct	*-77.89*	
		For >50, Deduct	*-115.07*	
10 71 16 13-0274	EA	102" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,125.59	112.95
		For Impact Bahama Shutters, Add	*782.50*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-47.59*	
		For >25 To 50, Deduct	*-90.95*	
		For >50, Deduct	*-134.31*	
10 71 16 13-0275	EA	102" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,410.47	120.47
		For Impact Bahama Shutters, Add	*891.94*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-53.63*	
		For >25 To 50, Deduct	*-102.74*	
		For >50, Deduct	*-151.85*	
10 71 16 13-0276	EA	102" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,709.86	137.69
		For Impact Bahama Shutters, Add	*1,001.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-60.39*	
		For >25 To 50, Deduct	*-115.62*	
		For >50, Deduct	*-170.85*	
10 71 16 13-0277	EA	102" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,009.25	154.91
		For Impact Bahama Shutters, Add	*1,110.80*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-67.15*	
		For >25 To 50, Deduct	*-128.50*	
		For >50, Deduct	*-189.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0278	EA	102" Wide x 60" High, Architectural Aluminum Bahama Shutter	3,308.64	172.11
		For Impact Bahama Shutters, Add	*1,220.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-73.91*	
		For >25 To 50, Deduct	*-141.38*	
		For >50, Deduct	*-208.84*	
10 71 16 13-0279	EA	102" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,593.85	179.85
		For Impact Bahama Shutters, Add	*1,329.68*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-79.97*	
		For >25 To 50, Deduct	*-153.19*	
		For >50, Deduct	*-226.42*	
10 71 16 13-0280	EA	102" Wide x 72" High, Architectural Aluminum Bahama Shutter	3,891.95	196.22
		For Impact Bahama Shutters, Add	*1,439.11*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-86.66*	
		For >25 To 50, Deduct	*-165.97*	
		For >50, Deduct	*-245.28*	
10 71 16 13-0281	EA	102" Wide x 78" High, Architectural Aluminum Bahama Shutter	4,174.12	201.94
		For Impact Bahama Shutters, Add	*1,548.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-92.56*	
		For >25 To 50, Deduct	*-177.56*	
		For >50, Deduct	*-262.56*	
10 71 16 13-0282	EA	102" Wide x 84" High, Architectural Aluminum Bahama Shutter	4,471.00	217.46
		For Impact Bahama Shutters, Add	*1,657.98*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-99.20*	
		For >25 To 50, Deduct	*-190.25*	
		For >50, Deduct	*-281.30*	
10 71 16 13-0283	EA	102" Wide x 90" High, Architectural Aluminum Bahama Shutter	4,750.40	221.35
		For Impact Bahama Shutters, Add	*1,767.42*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-104.96*	
		For >25 To 50, Deduct	*-201.63*	
		For >50, Deduct	*-298.30*	
10 71 16 13-0284	EA	102" Wide x 96" High, Architectural Aluminum Bahama Shutter	5,031.96	226.67
		For Impact Bahama Shutters, Add	*1,876.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-110.83*	
		For >25 To 50, Deduct	*-213.17*	
		For >50, Deduct	*-315.51*	
10 71 16 13-0285	EA	102" Wide x 102" High, Architectural Aluminum Bahama Shutter	5,312.34	231.20
		For Impact Bahama Shutters, Add	*1,986.29*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-116.65*	
		For >25 To 50, Deduct	*-224.63*	
		For >50, Deduct	*-332.61*	
10 71 16 13-0286	EA	102" Wide x 108" High, Architectural Aluminum Bahama Shutter	5,591.64	235.01
		For Impact Bahama Shutters, Add	*2,095.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-122.40*	
		For >25 To 50, Deduct	*-236.00*	
		For >50, Deduct	*-349.59*	
10 71 16 13-0287	EA	102" Wide x 114" High, Architectural Aluminum Bahama Shutter	5,869.93	238.14
		For Impact Bahama Shutters, Add	*2,205.16*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-128.11*	
		For >25 To 50, Deduct	*-247.29*	
		For >50, Deduct	*-366.48*	
10 71 16 13-0288	EA	102" Wide x 120" High, Architectural Aluminum Bahama Shutter	6,147.28	240.65
		For Impact Bahama Shutters, Add	*2,314.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-133.77*	
		For >25 To 50, Deduct	*-258.52*	
		For >50, Deduct	*-383.27*	
10 71 16 13-0289	EA	108" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,592.97	79.73
		For Impact Bahama Shutters, Add	*589.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-35.45*	
		For >25 To 50, Deduct	*-67.90*	
		For >50, Deduct	*-100.36*	
10 71 16 13-0290	EA	108" Wide x 30" High, Architectural Aluminum Bahama Shutter	1,912.54	99.66
		For Impact Bahama Shutters, Add	*705.25*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-42.73*	
		For >25 To 50, Deduct	*-81.73*	
		For >50, Deduct	*-120.73*	
10 71 16 13-0291	EA	108" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,232.11	119.59
		For Impact Bahama Shutters, Add	*821.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-50.02*	
		For >25 To 50, Deduct	*-95.56*	
		For >50, Deduct	*-141.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0292	EA	108" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,533.75	127.58
		For Impact Bahama Shutters, Add	*937.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-56.41*	
		For >25 To 50, Deduct	*-108.04*	
		For >50, Deduct	*-159.68*	
10 71 16 13-0293	EA	108" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,850.75	145.78
		For Impact Bahama Shutters, Add	*1,052.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-63.57*	
		For >25 To 50, Deduct	*-121.68*	
		For >50, Deduct	*-179.79*	
10 71 16 13-0294	EA	108" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,167.76	164.01
		For Impact Bahama Shutters, Add	*1,168.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-70.73*	
		For >25 To 50, Deduct	*-135.32*	
		For >50, Deduct	*-199.90*	
10 71 16 13-0295	EA	108" Wide x 60" High, Architectural Aluminum Bahama Shutter	3,484.76	182.24
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-77.89*	
		For >25 To 50, Deduct	*-148.95*	
		For >50, Deduct	*-220.01*	
10 71 16 13-0296	EA	108" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,786.73	190.45
		For Impact Bahama Shutters, Add	*1,400.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-84.30*	
		For >25 To 50, Deduct	*-161.46*	
		For >50, Deduct	*-238.62*	
10 71 16 13-0297	EA	108" Wide x 72" High, Architectural Aluminum Bahama Shutter	4,102.38	207.76
		For Impact Bahama Shutters, Add	*1,516.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-91.39*	
		For >25 To 50, Deduct	*-175.00*	
		For >50, Deduct	*-258.60*	
10 71 16 13-0298	EA	108" Wide x 78" High, Architectural Aluminum Bahama Shutter	4,401.14	213.81
		For Impact Bahama Shutters, Add	*1,632.23*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-97.64*	
		For >25 To 50, Deduct	*-187.27*	
		For >50, Deduct	*-276.89*	
10 71 16 13-0299	EA	108" Wide x 84" High, Architectural Aluminum Bahama Shutter	4,715.48	230.26
		For Impact Bahama Shutters, Add	*1,748.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-104.67*	
		For >25 To 50, Deduct	*-200.70*	
		For >50, Deduct	*-296.74*	
10 71 16 13-0300	EA	108" Wide x 90" High, Architectural Aluminum Bahama Shutter	5,011.33	234.37
		For Impact Bahama Shutters, Add	*1,863.98*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-110.77*	
		For >25 To 50, Deduct	*-212.75*	
		For >50, Deduct	*-314.74*	
10 71 16 13-0301	EA	108" Wide x 96" High, Architectural Aluminum Bahama Shutter	5,309.45	239.99
		For Impact Bahama Shutters, Add	*1,979.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-116.98*	
		For >25 To 50, Deduct	*-224.97*	
		For >50, Deduct	*-332.96*	
10 71 16 13-0302	EA	108" Wide x 102" High, Architectural Aluminum Bahama Shutter	5,606.32	244.81
		For Impact Bahama Shutters, Add	*2,095.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-123.14*	
		For >25 To 50, Deduct	*-237.10*	
		For >50, Deduct	*-351.06*	
10 71 16 13-0303	EA	108" Wide x 108" High, Architectural Aluminum Bahama Shutter	5,902.04	248.82
		For Impact Bahama Shutters, Add	*2,211.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-129.23*	
		For >25 To 50, Deduct	*-249.14*	
		For >50, Deduct	*-369.04*	
10 71 16 13-0304	EA	108" Wide x 114" High, Architectural Aluminum Bahama Shutter	6,196.70	252.15
		For Impact Bahama Shutters, Add	*2,327.47*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-135.27*	
		For >25 To 50, Deduct	*-261.10*	
		For >50, Deduct	*-386.92*	
10 71 16 13-0305	EA	108" Wide x 120" High, Architectural Aluminum Bahama Shutter	6,490.37	254.81
		For Impact Bahama Shutters, Add	*2,443.34*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*451.85*	
		For >10 To 25, Deduct	*-141.27*	
		For >25 To 50, Deduct	*-272.99*	
		For >50, Deduct	*-404.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0306	EA	114" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,664.00	84.16
		For Impact Bahama Shutters, Add	*615.13*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-37.07*	
		For >25 To 50, Deduct	*-70.98*	
		For >50, Deduct	*-104.89*	
10 71 16 13-0307	EA	114" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,001.31	105.20
		For Impact Bahama Shutters, Add	*737.44*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-44.76*	
		For >25 To 50, Deduct	*-85.57*	
		For >50, Deduct	*-126.39*	
10 71 16 13-0308	EA	114" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,338.63	126.23
		For Impact Bahama Shutters, Add	*859.75*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-52.45*	
		For >25 To 50, Deduct	*-100.17*	
		For >50, Deduct	*-147.89*	
10 71 16 13-0309	EA	114" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,657.02	134.65
		For Impact Bahama Shutters, Add	*982.06*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-59.20*	
		For >25 To 50, Deduct	*-113.35*	
		For >50, Deduct	*-167.50*	
10 71 16 13-0310	EA	114" Wide x 48" High, Architectural Aluminum Bahama Shutter	2,991.65	153.90
		For Impact Bahama Shutters, Add	*1,104.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-66.75*	
		For >25 To 50, Deduct	*-127.74*	
		For >50, Deduct	*-188.73*	
10 71 16 13-0311	EA	114" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,326.26	173.13
		For Impact Bahama Shutters, Add	*1,226.68*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-74.31*	
		For >25 To 50, Deduct	*-142.14*	
		For >50, Deduct	*-209.96*	
10 71 16 13-0312	EA	114" Wide x 60" High, Architectural Aluminum Bahama Shutter	3,660.87	192.36
		For Impact Bahama Shutters, Add	*1,348.99*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-81.87*	
		For >25 To 50, Deduct	*-156.53*	
		For >50, Deduct	*-231.19*	
10 71 16 13-0313	EA	114" Wide x 66" High, Architectural Aluminum Bahama Shutter	3,979.64	201.02
		For Impact Bahama Shutters, Add	*1,471.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-88.63*	
		For >25 To 50, Deduct	*-169.73*	
		For >50, Deduct	*-250.83*	
10 71 16 13-0314	EA	114" Wide x 72" High, Architectural Aluminum Bahama Shutter	4,312.80	219.29
		For Impact Bahama Shutters, Add	*1,593.61*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-96.12*	
		For >25 To 50, Deduct	*-184.02*	
		For >50, Deduct	*-271.92*	
10 71 16 13-0315	EA	114" Wide x 78" High, Architectural Aluminum Bahama Shutter	4,628.17	225.69
		For Impact Bahama Shutters, Add	*1,715.92*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-102.71*	
		For >25 To 50, Deduct	*-196.97*	
		For >50, Deduct	*-291.23*	
10 71 16 13-0316	EA	114" Wide x 84" High, Architectural Aluminum Bahama Shutter	4,959.96	243.06
		For Impact Bahama Shutters, Add	*1,838.23*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-110.13*	
		For >25 To 50, Deduct	*-211.15*	
		For >50, Deduct	*-312.17*	
10 71 16 13-0317	EA	114" Wide x 90" High, Architectural Aluminum Bahama Shutter	5,272.25	247.39
		For Impact Bahama Shutters, Add	*1,960.54*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-116.57*	
		For >25 To 50, Deduct	*-223.87*	
		For >50, Deduct	*-331.17*	
10 71 16 13-0318	EA	114" Wide x 96" High, Architectural Aluminum Bahama Shutter	5,586.92	253.33
		For Impact Bahama Shutters, Add	*2,082.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-123.13*	
		For >25 To 50, Deduct	*-236.77*	
		For >50, Deduct	*-350.41*	
10 71 16 13-0319	EA	114" Wide x 102" High, Architectural Aluminum Bahama Shutter	5,900.30	258.39
		For Impact Bahama Shutters, Add	*2,205.16*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-129.63*	
		For >25 To 50, Deduct	*-249.57*	
		For >50, Deduct	*-369.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0320	EA	114" Wide x 108" High, Architectural Aluminum Bahama Shutter	6,212.46	262.66
		For Impact Bahama Shutters, Add	*2,327.47*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-136.06*	
		For >25 To 50, Deduct	*-262.28*	
		For >50, Deduct	*-388.50*	
10 71 16 13-0321	EA	114" Wide x 114" High, Architectural Aluminum Bahama Shutter	6,523.48	266.16
		For Impact Bahama Shutters, Add	*2,449.78*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-142.44*	
		For >25 To 50, Deduct	*-274.91*	
		For >50, Deduct	*-407.37*	
10 71 16 13-0322	EA	114" Wide x 120" High, Architectural Aluminum Bahama Shutter	6,833.45	268.97
		For Impact Bahama Shutters, Add	*2,572.09*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*485.10*	
		For >10 To 25, Deduct	*-148.77*	
		For >25 To 50, Deduct	*-287.45*	
		For >50, Deduct	*-426.14*	
10 71 16 13-0323	EA	120" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,735.01	88.59
		For Impact Bahama Shutters, Add	*640.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-38.68*	
		For >25 To 50, Deduct	*-74.05*	
		For >50, Deduct	*-109.41*	
10 71 16 13-0324	EA	120" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,090.08	110.73
		For Impact Bahama Shutters, Add	*769.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-46.78*	
		For >25 To 50, Deduct	*-89.41*	
		For >50, Deduct	*-132.05*	
10 71 16 13-0325	EA	120" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,445.15	132.89
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-54.88*	
		For >25 To 50, Deduct	*-104.78*	
		For >50, Deduct	*-154.68*	
10 71 16 13-0326	EA	120" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,780.31	141.74
		For Impact Bahama Shutters, Add	*1,027.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-61.98*	
		For >25 To 50, Deduct	*-118.65*	
		For >50, Deduct	*-175.32*	
10 71 16 13-0327	EA	120" Wide x 48" High, Architectural Aluminum Bahama Shutter	3,132.54	161.99
		For Impact Bahama Shutters, Add	*1,155.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-69.94*	
		For >25 To 50, Deduct	*-133.80*	
		For >50, Deduct	*-197.67*	
10 71 16 13-0328	EA	120" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,484.76	182.24
		For Impact Bahama Shutters, Add	*1,284.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-77.89*	
		For >25 To 50, Deduct	*-148.95*	
		For >50, Deduct	*-220.01*	
10 71 16 13-0329	EA	120" Wide x 60" High, Architectural Aluminum Bahama Shutter	3,836.98	202.49
		For Impact Bahama Shutters, Add	*1,413.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-85.85*	
		For >25 To 50, Deduct	*-164.10*	
		For >50, Deduct	*-242.36*	
10 71 16 13-0330	EA	120" Wide x 66" High, Architectural Aluminum Bahama Shutter	4,172.52	211.60
		For Impact Bahama Shutters, Add	*1,542.11*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-92.97*	
		For >25 To 50, Deduct	*-178.00*	
		For >50, Deduct	*-263.04*	
10 71 16 13-0331	EA	120" Wide x 72" High, Architectural Aluminum Bahama Shutter	4,523.22	230.84
		For Impact Bahama Shutters, Add	*1,670.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-100.85*	
		For >25 To 50, Deduct	*-193.04*	
		For >50, Deduct	*-285.24*	
10 71 16 13-0332	EA	120" Wide x 78" High, Architectural Aluminum Bahama Shutter	4,855.19	237.57
		For Impact Bahama Shutters, Add	*1,799.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-107.79*	
		For >25 To 50, Deduct	*-206.67*	
		For >50, Deduct	*-305.56*	
10 71 16 13-0333	EA	120" Wide x 84" High, Architectural Aluminum Bahama Shutter	5,204.46	255.84
		For Impact Bahama Shutters, Add	*1,928.35*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-115.60*	
		For >25 To 50, Deduct	*-221.60*	
		For >50, Deduct	*-327.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0334	EA	120" Wide x 90" High, Architectural Aluminum Bahama Shutter	5,533.18	260.41
		For Impact Bahama Shutters, Add	*2,057.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-122.38*	
		For >25 To 50, Deduct	*-234.99*	
		For >50, Deduct	*-347.61*	
10 71 16 13-0335	EA	120" Wide x 96" High, Architectural Aluminum Bahama Shutter	5,864.42	266.66
		For Impact Bahama Shutters, Add	*2,185.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-129.28*	
		For >25 To 50, Deduct	*-248.57*	
		For >50, Deduct	*-367.86*	
10 71 16 13-0336	EA	120" Wide x 102" High, Architectural Aluminum Bahama Shutter	6,194.29	271.99
		For Impact Bahama Shutters, Add	*2,314.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-136.12*	
		For >25 To 50, Deduct	*-262.04*	
		For >50, Deduct	*-387.97*	
10 71 16 13-0337	EA	120" Wide x 108" High, Architectural Aluminum Bahama Shutter	6,522.86	276.48
		For Impact Bahama Shutters, Add	*2,443.34*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-142.89*	
		For >25 To 50, Deduct	*-275.42*	
		For >50, Deduct	*-407.95*	
10 71 16 13-0338	EA	120" Wide x 114" High, Architectural Aluminum Bahama Shutter	6,850.25	280.16
		For Impact Bahama Shutters, Add	*2,572.09*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-149.61*	
		For >25 To 50, Deduct	*-288.71*	
		For >50, Deduct	*-427.82*	
10 71 16 13-0339	EA	120" Wide x 120" High, Architectural Aluminum Bahama Shutter	7,176.54	283.11
		For Impact Bahama Shutters, Add	*2,700.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*497.80*	
		For >10 To 25, Deduct	*-156.26*	
		For >25 To 50, Deduct	*-301.92*	
		For >50, Deduct	*-447.57*	
10 71 16 13-0340	EA	126" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,806.03	93.03
		For Impact Bahama Shutters, Add	*666.63*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-40.30*	
		For >25 To 50, Deduct	*-77.12*	
		For >50, Deduct	*-113.94*	
10 71 16 13-0341	EA	126" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,178.85	116.28
		For Impact Bahama Shutters, Add	*801.81*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-48.81*	
		For >25 To 50, Deduct	*-93.26*	
		For >50, Deduct	*-137.70*	
10 71 16 13-0342	EA	126" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,551.67	139.52
		For Impact Bahama Shutters, Add	*937.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-57.31*	
		For >25 To 50, Deduct	*-109.39*	
		For >50, Deduct	*-161.47*	
10 71 16 13-0343	EA	126" Wide x 42" High, Architectural Aluminum Bahama Shutter	2,903.58	148.83
		For Impact Bahama Shutters, Add	*1,072.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-64.77*	
		For >25 To 50, Deduct	*-123.95*	
		For >50, Deduct	*-183.14*	
10 71 16 13-0344	EA	126" Wide x 48" High, Architectural Aluminum Bahama Shutter	3,273.41	170.09
		For Impact Bahama Shutters, Add	*1,207.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-73.12*	
		For >25 To 50, Deduct	*-139.86*	
		For >50, Deduct	*-206.60*	
10 71 16 13-0345	EA	126" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,643.27	191.35
		For Impact Bahama Shutters, Add	*1,342.55*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-81.47*	
		For >25 To 50, Deduct	*-155.77*	
		For >50, Deduct	*-230.07*	
10 71 16 13-0346	EA	126" Wide x 60" High, Architectural Aluminum Bahama Shutter	4,013.10	212.61
		For Impact Bahama Shutters, Add	*1,477.74*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-89.82*	
		For >25 To 50, Deduct	*-171.68*	
		For >50, Deduct	*-253.54*	
10 71 16 13-0347	EA	126" Wide x 66" High, Architectural Aluminum Bahama Shutter	4,365.40	222.17
		For Impact Bahama Shutters, Add	*1,612.92*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-97.30*	
		For >25 To 50, Deduct	*-186.27*	
		For >50, Deduct	*-275.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0348	EA	126" Wide x 72" High, Architectural Aluminum Bahama Shutter	4,733.65	242.38
		For Impact Bahama Shutters, Add	*1,748.10*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-105.57*	
		For >25 To 50, Deduct	*-202.06*	
		For >50, Deduct	*-298.55*	
10 71 16 13-0349	EA	126" Wide x 78" High, Architectural Aluminum Bahama Shutter	5,082.22	249.45
		For Impact Bahama Shutters, Add	*1,883.29*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-112.86*	
		For >25 To 50, Deduct	*-216.38*	
		For >50, Deduct	*-319.89*	
10 71 16 13-0350	EA	126" Wide x 84" High, Architectural Aluminum Bahama Shutter	5,448.94	268.64
		For Impact Bahama Shutters, Add	*2,018.48*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-121.06*	
		For >25 To 50, Deduct	*-232.05*	
		For >50, Deduct	*-343.05*	
10 71 16 13-0351	EA	126" Wide x 90" High, Architectural Aluminum Bahama Shutter	5,794.10	273.43
		For Impact Bahama Shutters, Add	*2,153.66*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-128.18*	
		For >25 To 50, Deduct	*-246.11*	
		For >50, Deduct	*-364.04*	
10 71 16 13-0352	EA	126" Wide x 96" High, Architectural Aluminum Bahama Shutter	6,141.90	280.00
		For Impact Bahama Shutters, Add	*2,288.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-135.43*	
		For >25 To 50, Deduct	*-260.37*	
		For >50, Deduct	*-385.31*	
10 71 16 13-0353	EA	126" Wide x 102" High, Architectural Aluminum Bahama Shutter	6,488.26	285.59
		For Impact Bahama Shutters, Add	*2,424.03*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-142.61*	
		For >25 To 50, Deduct	*-274.52*	
		For >50, Deduct	*-406.42*	
10 71 16 13-0354	EA	126" Wide x 108" High, Architectural Aluminum Bahama Shutter	6,833.27	290.29
		For Impact Bahama Shutters, Add	*2,559.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-149.72*	
		For >25 To 50, Deduct	*-288.56*	
		For >50, Deduct	*-427.41*	
10 71 16 13-0355	EA	126" Wide x 114" High, Architectural Aluminum Bahama Shutter	7,177.04	294.17
		For Impact Bahama Shutters, Add	*2,694.40*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-156.77*	
		For >25 To 50, Deduct	*-302.52*	
		For >50, Deduct	*-448.26*	
10 71 16 13-0356	EA	126" Wide x 120" High, Architectural Aluminum Bahama Shutter	7,519.64	297.27
		For Impact Bahama Shutters, Add	*2,829.58*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-163.76*	
		For >25 To 50, Deduct	*-316.38*	
		For >50, Deduct	*-469.01*	
10 71 16 13-0357	EA	132" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,877.04	97.44
		For Impact Bahama Shutters, Add	*692.38*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-41.92*	
		For >25 To 50, Deduct	*-80.20*	
		For >50, Deduct	*-118.47*	
10 71 16 13-0358	EA	132" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,267.62	121.82
		For Impact Bahama Shutters, Add	*834.00*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-50.83*	
		For >25 To 50, Deduct	*-97.10*	
		For >50, Deduct	*-143.36*	
10 71 16 13-0359	EA	132" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,658.21	146.17
		For Impact Bahama Shutters, Add	*975.62*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-59.74*	
		For >25 To 50, Deduct	*-114.00*	
		For >50, Deduct	*-168.26*	
10 71 16 13-0360	EA	132" Wide x 42" High, Architectural Aluminum Bahama Shutter	3,026.87	155.92
		For Impact Bahama Shutters, Add	*1,117.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-67.55*	
		For >25 To 50, Deduct	*-129.26*	
		For >50, Deduct	*-190.96*	
10 71 16 13-0361	EA	132" Wide x 48" High, Architectural Aluminum Bahama Shutter	3,414.31	178.19
		For Impact Bahama Shutters, Add	*1,258.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-76.30*	
		For >25 To 50, Deduct	*-145.92*	
		For >50, Deduct	*-215.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0362	EA	132" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,801.76	200.46
		For Impact Bahama Shutters, Add	*1,400.49*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-85.05*	
		For >25 To 50, Deduct	*-162.59*	
		For >50, Deduct	*-240.13*	
10 71 16 13-0363	EA	132" Wide x 60" High, Architectural Aluminum Bahama Shutter	4,189.21	222.73
		For Impact Bahama Shutters, Add	*1,542.11*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-93.80*	
		For >25 To 50, Deduct	*-179.26*	
		For >50, Deduct	*-264.71*	
10 71 16 13-0364	EA	132" Wide x 66" High, Architectural Aluminum Bahama Shutter	4,558.29	232.77
		For Impact Bahama Shutters, Add	*1,683.73*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-101.63*	
		For >25 To 50, Deduct	*-194.55*	
		For >50, Deduct	*-287.46*	
10 71 16 13-0365	EA	132" Wide x 72" High, Architectural Aluminum Bahama Shutter	4,944.07	253.92
		For Impact Bahama Shutters, Add	*1,825.35*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-110.30*	
		For >25 To 50, Deduct	*-211.09*	
		For >50, Deduct	*-311.87*	
10 71 16 13-0366	EA	132" Wide x 78" High, Architectural Aluminum Bahama Shutter	5,309.24	261.33
		For Impact Bahama Shutters, Add	*1,966.98*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-117.94*	
		For >25 To 50, Deduct	*-226.08*	
		For >50, Deduct	*-334.23*	
10 71 16 13-0367	EA	132" Wide x 84" High, Architectural Aluminum Bahama Shutter	5,693.44	281.43
		For Impact Bahama Shutters, Add	*2,108.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-126.53*	
		For >25 To 50, Deduct	*-242.51*	
		For >50, Deduct	*-358.48*	
10 71 16 13-0368	EA	132" Wide x 90" High, Architectural Aluminum Bahama Shutter	6,055.01	286.46
		For Impact Bahama Shutters, Add	*2,250.22*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-133.98*	
		For >25 To 50, Deduct	*-257.23*	
		For >50, Deduct	*-380.48*	
10 71 16 13-0369	EA	132" Wide x 96" High, Architectural Aluminum Bahama Shutter	6,419.38	293.33
		For Impact Bahama Shutters, Add	*2,391.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-141.58*	
		For >25 To 50, Deduct	*-272.17*	
		For >50, Deduct	*-402.75*	
10 71 16 13-0370	EA	132" Wide x 102" High, Architectural Aluminum Bahama Shutter	6,782.24	299.19
		For Impact Bahama Shutters, Add	*2,533.46*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-149.10*	
		For >25 To 50, Deduct	*-286.99*	
		For >50, Deduct	*-424.88*	
10 71 16 13-0371	EA	132" Wide x 108" High, Architectural Aluminum Bahama Shutter	7,143.68	304.13
		For Impact Bahama Shutters, Add	*2,675.09*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-156.55*	
		For >25 To 50, Deduct	*-301.71*	
		For >50, Deduct	*-446.86*	
10 71 16 13-0372	EA	132" Wide x 114" High, Architectural Aluminum Bahama Shutter	7,503.80	308.18
		For Impact Bahama Shutters, Add	*2,816.71*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For >10 To 25, Deduct	*-163.94*	
		For >25 To 50, Deduct	*-316.32*	
		For >50, Deduct	*-468.71*	
10 71 16 13-0373	EA	132" Wide x 120" High, Architectural Aluminum Bahama Shutter	7,862.73	311.42
		For Impact Bahama Shutters, Add	*2,958.33*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*509.44*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-171.26*	
		For >25 To 50, Deduct	*-330.85*	
		For >50, Deduct	*-490.44*	
10 71 16 13-0374	EA	138" Wide x 24" High, Architectural Aluminum Bahama Shutter	1,948.06	101.88
		For Impact Bahama Shutters, Add	*718.12*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-43.54*	
		For >25 To 50, Deduct	*-83.27*	
		For >50, Deduct	*-122.99*	
10 71 16 13-0375	EA	138" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,356.38	127.35
		For Impact Bahama Shutters, Add	*866.18*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-52.86*	
		For >25 To 50, Deduct	*-100.94*	
		For >50, Deduct	*-149.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0376	EA	138" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,764.72	152.82
		For Impact Bahama Shutters, Add	*1,014.24*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-62.17*	
		For >25 To 50, Deduct	*-118.61*	
		For >50, Deduct	*-175.05*	
10 71 16 13-0377	EA	138" Wide x 42" High, Architectural Aluminum Bahama Shutter	3,150.15	163.00
		For Impact Bahama Shutters, Add	*1,162.30*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-70.33*	
		For >25 To 50, Deduct	*-134.56*	
		For >50, Deduct	*-198.78*	
10 71 16 13-0378	EA	138" Wide x 48" High, Architectural Aluminum Bahama Shutter	3,555.20	186.29
		For Impact Bahama Shutters, Add	*1,310.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-79.48*	
		For >25 To 50, Deduct	*-151.98*	
		For >50, Deduct	*-224.48*	
10 71 16 13-0379	EA	138" Wide x 54" High, Architectural Aluminum Bahama Shutter	3,960.27	209.58
		For Impact Bahama Shutters, Add	*1,458.42*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-88.63*	
		For >25 To 50, Deduct	*-169.41*	
		For >50, Deduct	*-250.18*	
10 71 16 13-0380	EA	138" Wide x 60" High, Architectural Aluminum Bahama Shutter	4,365.33	232.87
		For Impact Bahama Shutters, Add	*1,606.48*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-97.78*	
		For >25 To 50, Deduct	*-186.83*	
		For >50, Deduct	*-275.88*	
10 71 16 13-0381	EA	138" Wide x 66" High, Architectural Aluminum Bahama Shutter	4,751.20	243.34
		For Impact Bahama Shutters, Add	*1,754.54*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-105.97*	
		For >25 To 50, Deduct	*-202.82*	
		For >50, Deduct	*-299.67*	
10 71 16 13-0382	EA	138" Wide x 72" High, Architectural Aluminum Bahama Shutter	5,154.51	265.46
		For Impact Bahama Shutters, Add	*1,902.60*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-115.03*	
		For >25 To 50, Deduct	*-220.11*	
		For >50, Deduct	*-325.19*	
10 71 16 13-0383	EA	138" Wide x 78" High, Architectural Aluminum Bahama Shutter	5,536.26	273.21
		For Impact Bahama Shutters, Add	*2,050.66*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-123.01*	
		For >25 To 50, Deduct	*-235.79*	
		For >50, Deduct	*-348.56*	
10 71 16 13-0384	EA	138" Wide x 84" High, Architectural Aluminum Bahama Shutter	5,937.90	294.23
		For Impact Bahama Shutters, Add	*2,198.72*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-131.99*	
		For >25 To 50, Deduct	*-252.95*	
		For >50, Deduct	*-373.92*	
10 71 16 13-0385	EA	138" Wide x 90" High, Architectural Aluminum Bahama Shutter	6,315.93	299.47
		For Impact Bahama Shutters, Add	*2,346.78*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-139.79*	
		For >25 To 50, Deduct	*-268.35*	
		For >50, Deduct	*-396.92*	
10 71 16 13-0386	EA	138" Wide x 96" High, Architectural Aluminum Bahama Shutter	6,696.87	306.67
		For Impact Bahama Shutters, Add	*2,494.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-147.73*	
		For >25 To 50, Deduct	*-283.97*	
		For >50, Deduct	*-420.20*	
10 71 16 13-0387	EA	138" Wide x 102" High, Architectural Aluminum Bahama Shutter	7,076.21	312.79
		For Impact Bahama Shutters, Add	*2,642.90*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-155.59*	
		For >25 To 50, Deduct	*-299.46*	
		For >50, Deduct	*-443.33*	
10 71 16 13-0388	EA	138" Wide x 108" High, Architectural Aluminum Bahama Shutter	7,454.08	317.94
		For Impact Bahama Shutters, Add	*2,790.96*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-163.38*	
		For >25 To 50, Deduct	*-314.85*	
		For >50, Deduct	*-466.31*	
10 71 16 13-0389	EA	138" Wide x 114" High, Architectural Aluminum Bahama Shutter	7,830.59	322.19
		For Impact Bahama Shutters, Add	*2,939.02*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-171.10*	
		For >25 To 50, Deduct	*-330.13*	
		For >50, Deduct	*-489.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0390	EA	138" Wide x 120" High, Architectural Aluminum Bahama Shutter	8,205.82	325.58
		For Impact Bahama Shutters, Add	*3,087.08*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-178.76*	
		For >25 To 50, Deduct	*-345.32*	
		For >50, Deduct	*-511.87*	
10 71 16 13-0391	EA	144" Wide x 24" High, Architectural Aluminum Bahama Shutter	2,019.07	106.31
		For Impact Bahama Shutters, Add	*743.88*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-45.16*	
		For >25 To 50, Deduct	*-86.34*	
		For >50, Deduct	*-127.52*	
10 71 16 13-0392	EA	144" Wide x 30" High, Architectural Aluminum Bahama Shutter	2,445.15	132.89
		For Impact Bahama Shutters, Add	*898.37*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-54.88*	
		For >25 To 50, Deduct	*-104.78*	
		For >50, Deduct	*-154.68*	
10 71 16 13-0393	EA	144" Wide x 36" High, Architectural Aluminum Bahama Shutter	2,871.24	159.46
		For Impact Bahama Shutters, Add	*1,052.87*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-64.60*	
		For >25 To 50, Deduct	*-123.22*	
		For >50, Deduct	*-181.84*	
10 71 16 13-0394	EA	144" Wide x 42" High, Architectural Aluminum Bahama Shutter	3,273.41	170.09
		For Impact Bahama Shutters, Add	*1,207.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-73.12*	
		For >25 To 50, Deduct	*-139.86*	
		For >50, Deduct	*-206.60*	
10 71 16 13-0395	EA	144" Wide x 48" High, Architectural Aluminum Bahama Shutter	3,696.10	194.39
		For Impact Bahama Shutters, Add	*1,361.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-82.67*	
		For >25 To 50, Deduct	*-158.04*	
		For >50, Deduct	*-233.42*	
10 71 16 13-0396	EA	144" Wide x 54" High, Architectural Aluminum Bahama Shutter	4,118.77	218.69
		For Impact Bahama Shutters, Add	*1,516.36*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-92.21*	
		For >25 To 50, Deduct	*-176.23*	
		For >50, Deduct	*-260.24*	
10 71 16 13-0397	EA	144" Wide x 60" High, Architectural Aluminum Bahama Shutter	4,541.44	242.99
		For Impact Bahama Shutters, Add	*1,670.86*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-101.76*	
		For >25 To 50, Deduct	*-194.41*	
		For >50, Deduct	*-287.06*	
10 71 16 13-0398	EA	144" Wide x 66" High, Architectural Aluminum Bahama Shutter	4,944.07	253.92
		For Impact Bahama Shutters, Add	*1,825.35*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-110.30*	
		For >25 To 50, Deduct	*-211.09*	
		For >50, Deduct	*-311.87*	
10 71 16 13-0399	EA	144" Wide x 72" High, Architectural Aluminum Bahama Shutter	5,364.93	277.00
		For Impact Bahama Shutters, Add	*1,979.85*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-119.76*	
		For >25 To 50, Deduct	*-229.13*	
		For >50, Deduct	*-338.51*	
10 71 16 13-0400	EA	144" Wide x 78" High, Architectural Aluminum Bahama Shutter	5,763.28	285.08
		For Impact Bahama Shutters, Add	*2,134.35*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-128.09*	
		For >25 To 50, Deduct	*-245.49*	
		For >50, Deduct	*-362.89*	
10 71 16 13-0401	EA	144" Wide x 84" High, Architectural Aluminum Bahama Shutter	6,182.40	307.01
		For Impact Bahama Shutters, Add	*2,288.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-137.46*	
		For >25 To 50, Deduct	*-263.41*	
		For >50, Deduct	*-389.36*	
10 71 16 13-0402	EA	144" Wide x 90" High, Architectural Aluminum Bahama Shutter	6,576.87	312.50
		For Impact Bahama Shutters, Add	*2,443.34*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-145.59*	
		For >25 To 50, Deduct	*-279.47*	
		For >50, Deduct	*-413.35*	
10 71 16 13-0403	EA	144" Wide x 96" High, Architectural Aluminum Bahama Shutter	6,974.35	319.99
		For Impact Bahama Shutters, Add	*2,597.84*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-153.88*	
		For >25 To 50, Deduct	*-295.77*	
		For >50, Deduct	*-437.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0404	EA	144" Wide x 102" High, Architectural Aluminum Bahama Shutter	7,370.19	326.39
		For Impact Bahama Shutters, Add	*2,752.34*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-162.08*	
		For >25 To 50, Deduct	*-311.93*	
		For >50, Deduct	*-461.79*	
10 71 16 13-0405	EA	144" Wide x 108" High, Architectural Aluminum Bahama Shutter	7,764.49	331.78
		For Impact Bahama Shutters, Add	*2,906.83*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-170.21*	
		For >25 To 50, Deduct	*-327.99*	
		For >50, Deduct	*-485.77*	
10 71 16 13-0406	EA	144" Wide x 114" High, Architectural Aluminum Bahama Shutter	8,157.36	336.20
		For Impact Bahama Shutters, Add	*3,061.33*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-178.27*	
		For >25 To 50, Deduct	*-343.94*	
		For >50, Deduct	*-509.60*	
10 71 16 13-0407	EA	144" Wide x 120" High, Architectural Aluminum Bahama Shutter	8,548.92	339.73
		For Impact Bahama Shutters, Add	*3,215.83*	
		For Hinged Mounting Hardware And Two Telescoping Aluminum Arms, Add	*526.88*	
		For >10 To 25, Deduct	*-186.26*	
		For >25 To 50, Deduct	*-359.78*	
		For >50, Deduct	*-533.31*	

10 71 16 13-0408 Shutter Accessories *(10 71 16 13)*

10 71 16 13-0409 Shutter Build-Out *(10 71 16 13-0408)*

10 71 16 13-0410	LF	2' x 3' Hurricane Shutter Buildout	18.25	5.23
10 71 16 13-0411	LF	2' x 5' Hurricane Shutter Buildout	21.04	5.23

10 71 16 13-0412 Storm Panel Track *(10 71 16 13-0408)*

10 71 16 13-0413	LF	H-Header Storm Panel Track	16.70	5.23
10 71 16 13-0414	LF	F-Header Storm Panel Track	16.08	5.23
10 71 16 13-0415	LF	U-Header Storm Panel Track	16.70	5.23
10 71 16 13-0416	LF	Stud Angle Storm Panel Track	17.32	5.23
10 71 16 13-0417	LF	Clip Sill Storm Panel Track	14.22	5.23

10 71 16 13-0418 Exeter Storm Shield *(10 71 16 13)*

10 71 16 13-0419 Aluminum Framed Panels With Stainless Steel Barrier Membrane *(10 71 16 13-0418)*

Note: Frame to meet ASTM E1886/E1996 Level "E" requirements. Frame finish to be anodized aluminum, bronze or white.

10 71 16 13-0420 Operable Panels *(10 71 16 13-0419)*

Note: Price per panel, not by window size.

10 71 16 13-0421	SF	Up to 7.5 SF Operable Panel	157.88	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*42.45*	
10 71 16 13-0422	SF	>7.5 To 12 SF Operable Panel	136.10	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*20.39*	
10 71 16 13-0423	SF	>12 To 17.5 SF Operable Panel	127.90	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*10.99*	
10 71 16 13-0424	SF	>17.5 To 24 SF Operable Panel	120.75	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*10.60*	
10 71 16 13-0425	SF	>24 SF Operable Panel	108.46	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*9.34*	

10 71 16 13-0426 Operable Panel Options *(10 71 16 13-0419)*

Note: Tasks to be added per panel.

10 71 16 13-0427	EA	For Side Hinge, Add Per Panel	132.98	
10 71 16 13-0428	EA	For Top Hinge, Add Per Panel	45.75	
10 71 16 13-0429	EA	For Bahama Unit, Add Per Panel	180.20	
10 71 16 13-0430	EA	For External Keylocks, Add Per Panel	179.51	
10 71 16 13-0431	EA	For Security Egress Option, Add Per Panel	85.52	

10 71 16 13-0432 Fixed Panel *(10 71 16 13-0419)*

Note: Price per panel, not by window size.

10 71 16 13-0433	SF	Up to 7.5 SF Fixed Panel	160.12	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*43.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 16 13-0434	SF	>7.5 To 12 SF Fixed Panel	137.81	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels, Add	*20.91*	
10 71 16 13-0435	SF	>12 To 17.5 SF Fixed Panel	129.30	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels , Add	*11.23*	
10 71 16 13-0436	SF	>17.5 To 24 SF Fixed Panel	121.82	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels , Add	*10.78*	
10 71 16 13-0437	SF	>24 SF Fixed Panel	109.34	
		Note: Installed in concrete block, concrete, wood or steel framing.		
		For Installation In Brick (Includes Epoxy Anchor Bolts and Mounting Tube), Add	*5.00*	
		For <10 Panels , Add	*9.49*	

10 71 16 16 Movable Storm Panels *(10 71 16)*

10 71 16 16-0001 Roll-Up Shutters *(10 71 16 16)*

10 71 16 16-0002 Shutters *(10 71 16 16-0001)*

10 71 16 16-0003	SF	Hurricane Roll-Up Automatic Shutter	96.48	5.23

10 71 16 16-0004 Motors And Accessories *(10 71 16 16-0001)*

10 71 16 16-0005	EA	49 Lb. Actual Lift, 120 Volt, 60 Hertz, Roll-Up Shutter Tubular Motor	918.64	
10 71 16 16-0006	EA	110 Lb. Actual Lift, 120 Volt, 60 Hertz, Roll-Up Shutter Tubular Motor	992.19	
10 71 16 16-0007	EA	215 Lb. Actual Lift, 120 Volt, 60 Hertz, Roll-Up Shutter Tubular Motor	1,049.74	
10 71 16 16-0008	EA	261 Lb. Actual Lift, 120 Volt, 60 Hertz, Roll-Up Shutter Tubular Motor	1,100.51	
10 71 16 16-0009	EA	369 Lb. Actual Lift, 120 Volt, 60 Hertz, Roll-Up Shutter Tubular Motor	1,242.29	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*
Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	80.30	9.44
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	71.00	8.46
10 73 13 13-0004	SF	Flat Roofed Steel Awning	236.91	9.80
		Note: Per SF of covered area		
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	244.48	11.03

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*
Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	77.82	8.02
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	44.59	2.59
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings	28.83	
		Note: Includes removal of existing canvas cover.		
		For 18 Ounce Vinyl Laminated Polyester Cover, Add	*0.98*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*
Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	7,360.63	536.25
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	13,664.91	858.21
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	9,060.26	670.97
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	16,638.15	897.22

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*
Note: Factory applied polyester finish.

10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover	117.26	7.79
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*40.67*	
		For Wind Load (140 MPH), Add	*50.84*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover	124.83	8.40
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*43.22*	
		For Wind Load (140 MPH), Add	*54.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	71.12	7.79
		For Snow Load (30 PSF), Add	*22.22*	
		For Wind Load (140 MPH), Add	*27.77*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	77.38	8.40
		For Snow Load (30 PSF), Add	*24.24*	
		For Wind Load (140 MPH), Add	*30.30*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

Note: Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	4,043.90	925.71
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	4,321.39	1,009.88
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	5,442.96	1,178.18
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*10.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	6,316.65	1,346.49
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	11,758.51	1,514.81
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	14,001.48	1,683.12
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	24,153.19	1,851.44
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	31,306.65	2,019.74
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy-duty. Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	3,011.88	841.56
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,559.59	925.71
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,945.11	1,009.88
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,975.69	1,178.18
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,114.39	1,346.49
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,748.62	1,430.66
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	8,388.44	1,514.81
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	14,079.42	1,683.12
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	15,412.75	1,851.44
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	19,179.01	2,019.74
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,848.03
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,910.83
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	2,194.33
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	2,321.85
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	2,786.49
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	3,376.11
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	3,995.92
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	4,645.56
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	5,415.58

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	814.12
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	1,168.09
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,305.15
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,468.21

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	128.43	49.08
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	139.61	51.97
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	155.12	54.85
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	197.65	57.74
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	255.33	60.63
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	283.82	63.51
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	261.11	63.51
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	303.29	72.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0047		Flagpole Accessories *(10 75 16 00-0037)*		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0048	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.44	0.09
10 75 16 00-0049	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.71	0.09
10 75 16 00-0050	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.54	0.09
10 75 16 00-0051	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.94	0.09
10 75 16 00-0052	EA	Refinish Existing Flagpole Ball	418.94	144.25
10 75 16 00-0053	EA	Locking Aluminum Cleat Box For Flagpoles	307.26	86.55
10 75 16 00-0054	EA	Aluminum Cleat For Flagpoles	25.27	5.77
10 75 16 00-0055	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.48	0.11
10 75 23		**Wall-Mounted Flagpoles** *(10 75)*		
10 75 23 00-0001		Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,092.77	738.21
		For Clear Anodized Finish, Add	*60.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*90.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,272.85	812.03
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,463.73	885.85
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*110.00*	
		For Black Anodized Finish, Add	*120.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,856.34	1,033.49
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*90.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0006		Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA	10' (3.0 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,669.59	664.39
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' (4.6 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,882.12	738.21
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' (6.1 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	3,220.64	885.85
		For Rope Lock Box, Add	*96.00*	
10 80		**Other Specialties** *(10)*		
10 81		**Pest Control Devices** *(10 80)*		
10 81 13		**Bird Control Devices** *(10 81)*		
10 81 13 00-0001		Stainless Steel Spiked Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.70	0.92
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	12.92	0.92
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	19.13	0.92
10 81 13 00-0005		Polycarbonate Spiked Bird Barrier *(10 81 13)*		
		Note: Polycarbonate spikes and base.		
10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	9.86	0.92
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	11.95	0.92
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	14.24	0.92
10 81 13 00-0009		Spiked Gutter Or Girder Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	11.44	0.92
10 81 13 00-0011		Coil Bird Barrier *(10 81 13)*		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	7.93	0.92
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	9.43	0.92
10 81 13 00-0014		Spider Bird Barrier *(10 81 13)*		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	135.09	0.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	200.47	0.92
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	253.77	0.92
10 81 13 00-0018		Oriented Flexible Flame Resistant Netting *(10 81 13)*		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting	1.18	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting	1.14	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting	1.10	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting	1.06	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting	1.06	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	1.04	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting	1.01	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting	1.01	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting	0.97	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting	1.08	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	1.02	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	3.54	
10 81 13 00-0031		Netting Accessories *(10 81 13)*		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting	9.40	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	14.16	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	16.66	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	23.68	
10 81 16		**Insect Control Devices** *(10 81)*		
10 81 16 00-0001		Insect Screening *(10 81 16)*		
10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	146.15	
10 83		**Flags And Banners** *(10 80)*		
10 83 13		**Flags** *(10 83)*		
10 83 13 00-0001		Flags *(10 83 13)*		
		Note: Outdoor nylon flags with canvas header and brass grommets.		
10 83 13 00-0002		United States Flags *(10 83 13 00-0001)*		
10 83 13 00-0003	EA	3' x 5' Embroidered Nylon American Flag	68.23	
10 83 13 00-0004	EA	4' x 6' Embroidered Nylon American Flag	109.74	
10 83 13 00-0005	EA	5' x 8' Embroidered Nylon American Flag	158.56	
10 83 13 00-0006	EA	6' x 10' Embroidered Nylon American Flag	209.83	
10 83 13 00-0007		State Flags *(10 83 13 00-0001)*		
10 83 13 00-0008	EA	3' x 5' Nylon State Flag	85.32	
10 83 13 00-0009	EA	4' x 6' Nylon State Flag	195.18	
10 86		**Security Mirrors And Domes** *(10 80)*		
10 86 00 00-0001		Security Mirrors *(10 86)*		
10 86 00 00-0002	EA	8" x 10" Framed Stainless Steel Mirror With Mounting Plate	118.57	36.78
10 86 00 00-0003	EA	10" x 14" Framed Stainless Steel Mirror With Mounting Plate	131.56	36.78
10 86 00 00-0004	EA	16" x 20" Unframed Stainless Steel Mirror With Mounting Screws	234.06	30.66
10 86 00 00-0005	EA	8" x 10" Framed Stainless Steel Replacement Mirror	97.83	36.78
10 86 00 00-0006	EA	10" x 14" Framed Stainless Steel Replacement Mirror	143.51	36.78
10 86 00 00-0007		Dome Mirrors *(10 86)*		
		Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0008		Steel Dome Mirrors *(10 86 00 00-0007)*		
10 86 00 00-0009	EA	9" Diameter Full-Dome Steel Dome Mirror	319.91	23.09
10 86 00 00-0010	EA	12" Diameter Full-Dome Steel Dome Mirror	376.97	24.25
10 86 00 00-0011	EA	18" Diameter Full-Dome Steel Dome Mirror	436.33	26.56
10 86 00 00-0012	EA	24" Diameter Full-Dome Steel Dome Mirror	583.76	28.87
10 86 00 00-0013	EA	9" Diameter Half-Dome Steel Dome Mirror	228.87	17.32
10 86 00 00-0014	EA	12" Diameter Half-Dome Steel Dome Mirror	264.50	18.47
10 86 00 00-0015	EA	18" Diameter Half-Dome Steel Dome Mirror	309.37	20.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0016	EA	24" Diameter Half-Dome Steel Dome Mirror	431.85	21.94
10 86 00 00-0017		**Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0018	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	247.11	26.56
10 86 00 00-0019	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	350.50	28.87
10 86 00 00-0020	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	464.47	33.48
10 86 00 00-0021	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	561.64	40.41
10 86 00 00-0022	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	820.01	57.74
10 86 00 00-0023	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	150.61	20.21
10 86 00 00-0024	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	204.07	21.94
10 86 00 00-0025	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	269.55	25.40
10 86 00 00-0026	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	332.54	30.61
10 86 00 00-0027	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	529.32	43.30
10 86 00 00-0028	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	96.54	17.32
10 86 00 00-0029	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	124.51	19.05
10 86 00 00-0030	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	164.36	21.36
10 86 00 00-0031	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	205.05	25.40
10 86 00 00-0032	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	341.13	36.09
10 86 00 00-0033		**Coated Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0034	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	295.90	26.56
10 86 00 00-0035	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	459.99	28.87
10 86 00 00-0036	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	780.62	40.41
10 86 00 00-0037	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,203.22	57.74
10 86 00 00-0038	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	191.55	20.21
10 86 00 00-0039	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	286.66	21.94
10 86 00 00-0040	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	453.93	30.61
10 86 00 00-0041	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	753.06	43.30
10 86 00 00-0042	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	138.66	17.32
10 86 00 00-0043	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	195.44	19.05
10 86 00 00-0044	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	253.85	21.36
10 86 00 00-0045	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	326.91	25.40
10 86 00 00-0046	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	512.51	36.09
10 86 00 00-0047		**Circular Convex Security Mirrors** *(10 86)*		
		Note: Includes all mounting hardware.		
10 86 00 00-0048		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0049	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	103.60	18.47
10 86 00 00-0050	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	135.38	20.21
10 86 00 00-0051	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	206.69	21.94
10 86 00 00-0052	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	258.60	25.40
10 86 00 00-0053	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	344.44	30.61
10 86 00 00-0054	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	610.24	43.30
10 86 00 00-0055	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	175.61	20.21
10 86 00 00-0056	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	254.29	21.94
10 86 00 00-0057	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	363.49	30.61
10 86 00 00-0058	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	667.37	43.30
10 86 00 00-0059		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0060	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	212.74	20.21
10 86 00 00-0061	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	336.64	21.94
10 86 00 00-0062	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	453.06	25.40
10 86 00 00-0063	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	565.80	30.61
10 86 00 00-0064	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	822.08	43.30
10 86 00 00-0065	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	256.29	20.21
10 86 00 00-0066	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	398.53	21.94
10 86 00 00-0067	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	555.41	25.40
10 86 00 00-0068	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	627.69	30.61
10 86 00 00-0069	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	995.84	43.30

END OF SECTION 10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation and Maintenance of Equipment *(11)*

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment *(11 01)*

11 01 10 13 Operation and Maintenance of Parking Equipment *(11 01 10)*

11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	637.24	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	666.66	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	700.30	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	929.60	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	961.15	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	1,360.79	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	1,381.15	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	1,419.64	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	1,632.08	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	1,659.42	

11 10 Vehicle and Pedestrian Equipment *(11)*

11 11 Vehicle Service Equipment *(11 10)*

11 11 19 Vehicle Lubrication Equipment *(11 11)*

11 11 19 00-0001 Reels *(11 11 19)*

11 11 19 00-0002	EA	1/4" x 50' Hose, Grease Reel (Alemite 8078-B)	1,181.65	145.22
11 11 19 00-0003	EA	1/2" x 50' Hose, Oil Reel (Alemite 8078-D)	1,152.24	145.22
11 11 19 00-0004	EA	3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F)	1,008.88	145.22
11 11 19 00-0005	EA	1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M)	1,123.39	145.22

11 11 19 00-0006 Air Operated Powered Pumps *(11 11 19)*

Note: Excludes air compressor.

11 11 19 00-0007	EA	1", Oil, Air Operated Diaphragm Pump (Alemite 8323)	1,774.88	193.61
11 11 19 00-0008	EA	1", Antifreeze, Air Operatied Diaphragm Pump (Alemite 8325) Note: UL listed.	1,968.42	193.61
11 11 19 00-0009	EA	5:1 Air Operated Oil Pump (Alemite 9968)	1,578.89	193.61
11 11 19 00-0010	EA	50:1 High Pressure Grease Pump For 400 Lb. Drum (Alemite 9979-A) Note: Includes pump, drum cover and follower plate.	1,819.59	96.81

11 11 19 00-0011 Pumping Unit Accessories *(11 11 19)*

11 11 19 00-0012	EA	Rigid Extension, Digital Oil Meter (Alemite 3670)	642.67	36.31
11 11 19 00-0013	EA	Flexible Extension, Digital Meter (Alemite 3671)	642.67	36.31
11 11 19 00-0014	EA	Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B)	642.67	36.31
11 11 19 00-0015	EA	Grease Control Handle (Alemite 6320-A)	349.02	36.31
11 11 19 00-0016	EA	150 PSI Filter/Regulator (Alemite 7936)	189.20	36.31
11 11 19 00-0017	EA	Z Type Grease Swivel (Alemite B331107)	124.68	12.10
11 11 19 00-0018	EA	Suction Hose Assembly (Parker T605-84)	289.76	48.41
11 11 19 00-0019	EA	Unistrut Reel Brackets	255.22	9.69
11 11 19 00-0020	EA	Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173)	345.09	36.31

11 11 36 Vehicle Charging Equipment *(11 11)*

11 11 36 13 Commercial Electric Vehicle Charging Unit *(11 11 36)*

11 11 36 13-0001 Electric Vehicle Charging Stations (GE) *(11 11 36 13)*

Note: Available with RFID (Radio Frequency Identification) reader.

11 11 36 13-0002	EA	Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	4,367.39	156.60
11 11 36 13-0003	EA	Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,760.93	208.81
11 11 36 13-0004	EA	Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	8,106.02	156.60
11 11 36 13-0005	EA	Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	13,849.74	208.81
11 11 36 13-0006	EA	Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	3,820.36	78.30
11 11 36 13-0007	EA	Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	7,418.85	78.30
11 11 36 13-0008	EA	Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	3,690.95	104.41
11 11 36 13-0009	EA	Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,149.26	104.41

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0010		Electric Vehicle Charging Stations (AeroVironment) *(11 11 36 13)*		
		Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC).		
11 11 36 13-0011	EA	Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	3,086.42	78.30
		Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA	Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	4,256.12	104.41
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA	Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	7,133.71	130.51
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA	Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,464.93	156.60
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA	Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	7,342.52	182.71
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA	Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	10,220.13	208.81
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA	Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	13,097.72	234.91
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0018		Electric Vehicle Charging Stations (Leviton) *(11 11 36 13)*		
11 11 36 13-0019	EA	Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,685.82	156.60
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0020	EA	Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,763.01	156.60
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0021	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	9,145.64	208.81
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0022	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)	8,219.85	208.81
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0023	EA	Bollard Mounting Body For Charging Station (Leviton CPMBX-000)	3,353.03	156.60
		For Cap, Add	*269.76*	
11 11 36 13-0024	EA	Wall Mounting Body For Charging Station (Leviton CPMEX-000)	2,446.39	156.60
		For Cap, Add	*269.76*	
11 11 36 13-0025	EA	Cord Management Kit For Charging Station (Leviton CPCBX-000)	2,058.81	104.41
		For Cap, Add	*269.76*	

11 12 Parking Control Equipment *(11 10)*

11 12 13 Parking Key and Card Control Units *(11 12)*

11 12 13 00-0001	EA	Card Access Control System, Surface Mounted	1,572.50	86.43
		Note: Entracomp 26SA-SM.		
11 12 13 00-0002	EA	Card Access Control System, Flush Mounted	1,753.78	86.43
		Note: Entracomp 26SA-FM.		
11 12 13 00-0003	EA	Card Access Control System, Flush Mounted	2,029.42	86.43
		Note: Entracomp 26SA-MH.		

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001		Parking Ticket Dispensers *(11 12 16)*		
11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	11,899.32	207.45
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	16,052.86	207.45

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001		Parking Meters *(11 12 23)*		
11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	244.44	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

11 12 26 13-0001		Parking Fee Collection Equipment *(11 12 26 13)*		
11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,816.83	70.31

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001 Barrier Parking Gate Operators *(11 12 33 13)*

11 12 33 13-0002 Barrier Parking Gate Operators *(11 12 33 13-0001)*

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,536.24	574.77
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,514.61	574.77
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,788.67	574.77
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	9,527.10	574.77
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	9,718.96	574.77
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	10,151.70	574.77

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	19,410.27	1,149.54
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	22,669.34	1,149.54
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	19,572.55	1,149.54
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	22,831.61	1,149.54

11 12 33 13-0014 Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	232.71	26.20
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	211.07	26.20
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	485.14	26.20
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	728.55	26.20
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	665.45	26.20
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	665.45	26.20
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	809.69	26.20
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	720.04	157.17
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	720.04	157.17
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	726.44	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,825.75	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,301.42	52.40
		Note: Includes mounting plate and hardware. Excludes concrete foundation.		

11 12 36 Tire Shredders *(11 12)*

11 12 36 00-0001 Tire Shredding Traffic Control Spikes *(11 12 36)*

11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,853.28	419.13

11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	5,077.86	209.56
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,635.40	209.56

11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	2,266.77	78.58
		Note: Includes light and mounting post.		
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	1,850.36	104.78
		Note: Includes mounting post and hardware.		

11 13 Loading Dock Equipment *(11 10)*

Note: Includes all anchor bolts, drilling and fasteners.

11 13 13 Loading Dock Bumpers *(11 13)*

11 13 13 00-0001 Laminated Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	134.14	23.08
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.17	23.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	213.77	23.08
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	148.21	23.08
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	159.89	23.08
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	180.75	23.08
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	213.77	23.08
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	288.33	23.08
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	166.85	23.08
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	180.75	23.08
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	220.40	23.08
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	248.52	23.08
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	339.83	23.08
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	203.98	23.08
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	236.68	23.08
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	306.34	23.08
11 13 13 00-0019		**6" Projection, Laminated Rubber Dock Bumpers** *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	187.66	23.08
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	199.19	23.08
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	226.99	23.08
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	269.33	23.08
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	363.01	23.08
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	213.25	23.08
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	222.73	23.08
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	260.33	23.08
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	316.41	23.08
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	473.43	23.08
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	269.49	23.08
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	307.09	23.08
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	312.09	23.08
11 13 13 00-0033		**Extruded Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0034		**1-3/4" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	73.43	23.08
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	78.07	23.08
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	84.26	23.08
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	90.46	23.08
11 13 13 00-0039		**4" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	97.71	23.08
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	117.23	23.08
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	122.86	23.08
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	135.67	23.08
11 13 13 00-0044		**6" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	118.32	23.08
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	144.63	23.08
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	166.31	23.08
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	207.66	23.08
11 13 13 00-0049		**Molded Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0050		**Rectangular Molded Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	102.87	23.08
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	90.92	23.08
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	118.20	23.08
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	145.72	23.08
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	152.21	23.08
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	115.07	23.08
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	146.81	23.08
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	212.14	23.08
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	124.56	23.08
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	182.60	23.08
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	182.03	23.08
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	273.49	23.08
11 13 13 00-0063		**T And L Shaped Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	173.09	23.08
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	160.90	23.08
11 13 13 00-0066		**Vertical Dock Bumpers** *(11 13 13)*		
		Note: Made with truck tire material.		
11 13 13 00-0067	EA	11" x 4" x 20", Vertical, Truck Docking Bumpers (U-Line H-2054)	194.42	21.01
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*88.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0068	EA	11" x 6" x 20", Vertical, Truck Docking Bumpers (U-Line H-6629) Note: Drilling for fasteners is not included due to differing conditions.	250.01	21.01
		For Concrete Installation Kit (4 Bolts), Add	*88.67*	
11 13 13 00-0069		Horizontal Dock Bumpers *(11 13 13)* Note: Made with truck tire material.		
11 13 13 00-0070	EA	12" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1504) Note: Drilling for fasteners is not included due to differing conditions.	123.41	17.78
		For Concrete Installation Kit (4 Bolts), Add	*88.67*	
11 13 13 00-0071	EA	12" x 6" x 10", Horizontal, Truck Docking Bumpers (U-Line H-5502) Note: Drilling for fasteners is not included due to differing conditions.	161.07	17.78
		For Concrete Installation Kit (4 Bolts), Add	*88.67*	
11 13 13 00-0072	EA	24" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1505) Note: Drilling for fasteners is not included due to differing conditions.	183.66	21.01
		For Concrete Installation Kit (4 Bolts), Add	*88.67*	
11 13 16		**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	94.22	23.08
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	95.40	23.08
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	96.59	23.08
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	98.96	23.08
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	101.33	23.08
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	103.73	23.08
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	106.13	23.08
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	108.60	23.08
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	111.07	23.08
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	113.44	23.08
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	115.81	23.08
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	120.61	23.08
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	108.30	23.08
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	109.49	23.08
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	110.67	23.08
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	113.07	23.08
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.48	23.08
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.85	23.08
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.22	23.08
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	122.62	23.08
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	125.02	23.08
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	127.39	23.08
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.83	23.08
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.57	23.08
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.81	23.08
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.02	23.08
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.24	23.08
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.61	23.08
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	122.98	23.08
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	125.38	23.08
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	127.79	23.08
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	130.16	23.08
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	132.52	23.08
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.93	23.08
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.33	23.08
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	142.20	23.08
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	87.94	23.08
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	89.81	23.08
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	93.93	23.08
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	97.99	23.08
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	102.16	23.08
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	106.22	23.08
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	110.34	23.08
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	101.26	23.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	103.18	23.08
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	107.30	23.08
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	111.41	23.08
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	115.48	23.08
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	119.60	23.08
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	123.66	23.08
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	108.48	23.08
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	110.34	23.08
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.52	23.08
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	118.58	23.08
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	122.70	23.08
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	126.76	23.08
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	130.94	23.08
11 13 16 13-0066		Nylon Reinforced Vinyl Dock Air Sealing Systems *(11 13 16 13)*		
11 13 16 13-0067	EA	8' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-10) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	1,948.84	346.43
11 13 16 13-0068	EA	8' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-12) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	1,944.68	346.43
11 13 16 13-0069	EA	8' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-20) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,449.99	346.43
11 13 16 13-0070	EA	9' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-10) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,169.26	346.43
11 13 16 13-0071	EA	9' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-12) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,235.80	346.43
11 13 16 13-0072	EA	9' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-20) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,504.05	346.43
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	146.32	28.85
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	110.79	27.70
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	115.17	27.70
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	119.62	28.85
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	122.64	28.85
11 13 19		**Stationary Loading Dock Equipment** *(11 13)*		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0002		20,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 Lb. Hydraulic Dock Leveler	8,309.80	1,004.17
11 13 19 13-0004	EA	6' x 8', 20,000 Lb. Hydraulic Dock Leveler	8,892.59	1,115.74
11 13 19 13-0005	EA	6' x 10', 20,000 Lb. Hydraulic Dock Leveler	10,868.82	1,338.90
11 13 19 13-0006	EA	7' x 6', 20,000 Lb. Hydraulic Dock Leveler	8,841.70	1,115.74
11 13 19 13-0007	EA	7' x 8', 20,000 Lb. Hydraulic Dock Leveler	9,601.33	1,227.32
11 13 19 13-0008	EA	7' x 10', 20,000 Lb. Hydraulic Dock Leveler	11,509.81	1,450.46
11 13 19 13-0009		25,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 Lb. Hydraulic Dock Leveler	8,475.76	1,004.17
11 13 19 13-0011	EA	6' x 8', 25,000 Lb. Hydraulic Dock Leveler	9,063.35	1,115.74
11 13 19 13-0012	EA	6' x 10', 25,000 Lb. Hydraulic Dock Leveler	11,028.78	1,338.90
11 13 19 13-0013	EA	7' x 6', 25,000 Lb. Hydraulic Dock Leveler	9,003.09	1,115.74
11 13 19 13-0014	EA	7' x 8', 25,000 Lb. Hydraulic Dock Leveler	9,750.19	1,227.32
11 13 19 13-0015	EA	7' x 10', 25,000 Lb. Hydraulic Dock Leveler	11,823.69	1,450.46
11 13 19 13-0016		30,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 Lb. Hydraulic Dock Leveler	8,883.57	1,171.53
11 13 19 13-0018	EA	6' x 8', 30,000 Lb. Hydraulic Dock Leveler	9,452.20	1,338.90
11 13 19 13-0019	EA	6' x 10', 30,000 Lb. Hydraulic Dock Leveler	11,503.54	1,562.04
11 13 19 13-0020	EA	7' x 6', 30,000 Lb. Hydraulic Dock Leveler	9,452.20	1,338.90
11 13 19 13-0021	EA	7' x 8', 30,000 Lb. Hydraulic Dock Leveler	10,165.66	1,506.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0022	EA	7' x 10', 30,000 Lb. Hydraulic Dock Leveler	12,217.02	1,617.83
11 13 19 13-0023		**35,000 Lb. Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 Lb. Hydraulic Dock Leveler	9,192.51	1,227.32
11 13 19 13-0025	EA	6' x 8', 35,000 Lb. Hydraulic Dock Leveler	9,762.79	1,394.67
11 13 19 13-0026	EA	6' x 10', 35,000 Lb. Hydraulic Dock Leveler	11,008.04	1,617.83
11 13 19 13-0027	EA	7' x 6', 35,000 Lb. Hydraulic Dock Leveler	9,762.79	1,394.67
11 13 19 13-0028	EA	7' x 8', 35,000 Lb. Hydraulic Dock Leveler	10,604.01	1,562.04
11 13 19 13-0029	EA	7' x 10', 35,000 Lb. Hydraulic Dock Leveler	12,704.46	1,673.62
11 13 19 13-0030		**40,000 Lb. Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 Lb. Hydraulic Dock Leveler	9,714.07	1,227.32
11 13 19 13-0032	EA	6' x 8', 40,000 Lb. Hydraulic Dock Leveler	10,283.55	1,394.67
11 13 19 13-0033	EA	6' x 10', 40,000 Lb. Hydraulic Dock Leveler	12,369.24	1,617.83
11 13 19 13-0034	EA	7' x 6', 40,000 Lb. Hydraulic Dock Leveler	10,283.55	1,394.67
11 13 19 13-0035	EA	7' x 8', 40,000 Lb. Hydraulic Dock Leveler	11,125.77	1,562.04
11 13 19 13-0036	EA	7' x 10', 40,000 Lb. Hydraulic Dock Leveler	13,225.85	1,673.62
11 13 19 13-0037		**45,000 Lb. Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 Lb. Hydraulic Dock Leveler	10,164.36	1,283.11
11 13 19 13-0039	EA	6' x 8', 45,000 Lb. Hydraulic Dock Leveler	10,744.13	1,450.46
11 13 19 13-0040	EA	6' x 10', 45,000 Lb. Hydraulic Dock Leveler	12,817.81	1,673.62
11 13 19 13-0041	EA	7' x 6', 45,000 Lb. Hydraulic Dock Leveler	10,745.82	1,450.46
11 13 19 13-0042	EA	7' x 8', 45,000 Lb. Hydraulic Dock Leveler	11,580.33	1,617.83
11 13 19 13-0043	EA	7' x 10', 45,000 Lb. Hydraulic Dock Leveler	13,665.16	1,729.40
11 13 19 13-0044		**Manual Dock Levelers** *(11 13 19 13)*		
11 13 19 13-0045		**20,000 Lb. Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 Lb. Manual Dock Leveler	6,612.86	1,004.17
11 13 19 13-0047	EA	6' x 8', 20,000 Lb. Manual Dock Leveler	7,206.37	1,115.74
11 13 19 13-0048	EA	6' x 10', 20,000 Lb. Manual Dock Leveler	9,171.89	1,338.90
11 13 19 13-0049	EA	7' x 6', 20,000 Lb. Manual Dock Leveler	7,146.29	1,115.74
11 13 19 13-0050	EA	7' x 8', 20,000 Lb. Manual Dock Leveler	7,904.40	1,227.32
11 13 19 13-0051	EA	7' x 10', 20,000 Lb. Manual Dock Leveler	9,985.94	1,338.90
11 13 19 13-0052		**40,000 Lb. Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 Lb. Manual Dock Leveler	8,167.23	1,115.74
11 13 19 13-0054	EA	6' x 8', 40,000 Lb. Manual Dock Leveler	8,736.71	1,227.32
11 13 19 13-0055	EA	6' x 10', 40,000 Lb. Manual Dock Leveler	9,508.34	1,450.46
11 13 19 13-0056	EA	7' x 6', 40,000 Lb. Manual Dock Leveler	8,736.71	1,227.32
11 13 19 13-0057	EA	7' x 8', 40,000 Lb. Manual Dock Leveler	9,929.65	1,338.90
11 13 19 13-0058	EA	7' x 10', 40,000 Lb. Manual Dock Leveler	11,679.00	1,562.04
11 13 19 13-0059		**Edge Of Dock Levelers** *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		**Hydraulic Edge Of Dock Levelers** *(11 13 19 13-0059)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,299.11	334.72
11 13 19 13-0062	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	4,613.80	334.72
11 13 19 13-0063	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	4,568.26	334.72
11 13 19 13-0064	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,000.28	334.72
11 13 19 13-0065	EA	66" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	5,441.99	334.72
11 13 19 13-0066	EA	72" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,750.42	334.72
11 13 19 13-0067		**Manual Edge Of Dock Levelers** *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,294.46	334.72
11 13 19 13-0069	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,484.04	334.72
11 13 19 13-0070	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,542.01	334.72
11 13 19 13-0071	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,684.19	334.72
11 13 19 13-0072	EA	66" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,974.52	334.72
11 13 19 13-0073	EA	72" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,381.58	334.72
11 13 19 13-0074	EA	78" Usable Width, 25,000 Lb. Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,681.05	334.72
11 13 19 13-0075	EA	72" Usable Width, 30,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,724.08	334.72
11 13 19 13-0076	EA	66" Usable Width, 20,000 Lb. Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,315.23	334.72
11 13 19 13-0077	EA	78" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,557.93	334.72
11 13 19 13-0078	EA	72" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	4,290.74	334.72
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		**Top Of Ground, Fixed Platform Lifts** *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 Lb. Top Of Ground, Fixed Platform Lift	17,982.56	232.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 Lb. Fixed Platform Lift, Pit Mounted	11,472.80	232.64
11 13 19 23-0005	EA	6' x 8', 8,000 Lb. Fixed Platform Lift, Pit Mounted	20,589.98	348.96
11 13 19 23-0006	EA	7' x 12', 15,000 Lb. Fixed Platform Lift, Pit Mounted	36,063.13	697.94
11 13 19 23-0007	EA	8' x 20', 15,000 Lb. Fixed Platform Lift, Pit Mounted	37,822.56	930.58
11 13 19 23-0008		Electric Powered Truck Scissor Dock Lift *(11 13 19 23)*		
11 13 19 23-0009	EA	5,000 Lb., 96" Length x 72" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-5-68)	14,926.61	838.25
11 13 19 23-0010	EA	6,000 Lb., 96" Length x 96" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-6-88)	18,118.54	838.25
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 Lb. Platform Truck Lift	33,928.80	2,007.41
11 13 19 26-0003	EA	10' x 20', 60,000 Lb. Platform Truck Lift	38,839.01	2,408.89
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL-60) Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 Lb. restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	11,043.04	418.41
11 13 19 33-0003	EA	Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, minimum 32,000 Lb. restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	11,542.45	418.41
11 13 19 33-0004	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 Lb. holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,154.93	418.41
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 Lb. Capacity Portable Platform Lift	14,783.64	130.98
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	391.09	86.43
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	492.81	86.43
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	208.25	69.15
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	404.87	115.25
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	445.78	115.25
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	396.46	115.25
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	520.88	115.25
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	616.25	115.25
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	674.70	115.25
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	721.44	115.25
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	389.89	115.25
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	426.87	115.25
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	458.44	115.25
11 14		**Pedestrian Control Equipment** *(11 10)*		
11 14 13		**Pedestrian Gates** *(11 14)*		
11 14 13 16		**Rotary Gates** *(11 14 13)*		
11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0002		**Mechanical** *(11 14 13 16-0001)*		
11 14 13 16-0003		**Galvanized Steel** *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	12,851.55	1,546.86
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	14,537.78	1,546.86
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	29,066.43	2,307.84
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	28,136.52	2,307.84
11 14 13 16-0008		**Powder Coated Steel** *(11 14 13 16-0002)*		
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	14,559.48	1,546.86
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	16,180.62	1,546.86
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	34,370.02	2,307.84
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	30,938.65	2,307.84
11 14 13 16-0013		**Anodized Aluminum** *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,300.31	1,546.86
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	26,648.31	1,546.86
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	30,802.27	2,307.84
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	52,177.80	2,307.84
11 14 13 16-0018		**Stainless Steel** *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	24,273.94	1,546.86
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	27,268.25	1,546.86
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	38,985.47	2,307.84
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	48,718.53	2,307.84
11 14 13 16-0023		**Transparent** *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	48,346.21	1,547.10
11 14 13 16-0025		**Mechanical Options** *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	263.47	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	185.98	
11 14 13 16-0028		**Electrical, One-Way** *(11 14 13 16-0001)*		
11 14 13 16-0029		**Galvanized Steel** *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,598.57	1,546.86
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,287.91	1,546.86
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,856.16	2,307.84
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	29,342.31	2,307.84
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	31,856.16	2,307.84
11 14 13 16-0035		**Powder Coated Steel** *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,303.41	1,546.86
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	17,191.13	1,546.86
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	42,733.01	2,307.84
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	32,159.93	2,307.84
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	34,679.99	2,307.84
11 14 13 16-0041		**Anodized Aluminum** *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,613.38	1,546.86
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,574.29	1,546.86
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	27,578.22	1,546.86
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	32,510.20	2,307.84
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	36,195.74	2,307.84
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	53,786.54	2,307.84
11 14 13 16-0048		**Stainless Steel** *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	25,839.29	1,546.86
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	27,668.11	1,546.86
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	44,800.51	2,307.84
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	51,108.40	2,307.84
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	56,374.79	2,307.84
11 14 13 16-0054		**Transparent** *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	44,077.92	1,547.10
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	46,669.27	1,547.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	47,800.66	1,547.10
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	78,661.63	2,307.84
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	83,652.15	2,307.84
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,677.27	1,546.86
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	16,416.20	1,546.86
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	37,782.79	2,307.84
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,267.22	2,307.84
11 14 13 16-0066		Powder Coated Steel *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	16,248.82	1,546.86
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	18,245.02	1,546.86
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	43,669.12	2,307.84
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	34,100.35	2,307.84
11 14 13 16-0071		Anodized Aluminum *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,676.58	1,546.86
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,594.09	1,546.86
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	28,815.00	1,546.86
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	34,676.89	2,307.84
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	55,798.25	2,307.84
11 14 13 16-0077		Stainless Steel *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,886.99	1,546.86
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	28,746.81	1,546.86
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	45,569.24	2,307.84
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	52,658.25	2,307.84
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	58,513.58	2,307.84
11 14 13 16-0083		Transparent *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	44,976.84	1,547.10
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	47,413.20	1,547.10
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	48,811.17	1,547.10
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	80,552.45	2,307.84
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	85,202.00	2,307.84
11 14 13 16-0089		Electrical Options *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	1,032.20	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	725.33	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	238.68	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	238.68	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	189.08	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	185.98	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	170.48	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	4,330.28	
11 14 13 16-0098		Relocate Rotary Gate *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	4,543.87	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		Turnstiles *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,775.11	436.21
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,647.91	436.21
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		Retractable Barrier *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	104.94	23.57
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	187.12	23.57
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	228.20	23.57
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	372.01	23.57

11 20 Commercial Equipment *(11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 Retail and Service Equipment *(11 20)*				
11 21 63 Refrigerated Display Equipment *(11 21)*				
11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,908.36	363.23
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	9,109.41	263.34
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	10,099.74	289.19
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	8,435.59	243.51
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	2,103.67	60.61
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,748.98	79.25
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	6,588.77	189.39
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	9,386.07	273.33
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	1,889.78	302.70
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	2,117.02	363.23
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	2,430.08	81.36
11 21 63 00-0020		Meat Case *(11 21 63)*		
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,402.99	363.23
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,519.74	363.23
11 21 63 00-0023		Produce Case *(11 21 63)*		
11 21 63 00-0024	LF	Single Deck Produce Case	1,460.84	363.23
11 21 63 00-0025	LF	Multi-Deck Produce Case	1,612.06	363.23
11 21 63 00-0026		Bottle Coolers *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	5,420.35	1,210.80
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	8,189.82	1,816.19
11 21 63 00-0029		Cold Pan Units *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	3,372.12	96.44
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	4,685.05	134.92
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	5,539.48	159.57
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	5,694.79	164.86
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	6,198.11	177.97
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	7,364.61	210.32
11 21 63 00-0036		Cold Cabinets (Insulated) *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	3,061.79	83.45
11 21 93 Mobile Containment Equipment *(11 21)*				
11 21 93 00-0001		Kontrol Kube Mobile Containment *(11 21 93)*		
11 21 93 00-0002	EA	10' High Uniframe (Kontrol Kube FLK6540)	3,369.11	
11 21 93 00-0003	EA	10' High Length Advanced Enclosure (Kontrol Kube FLK6547)	3,137.57	
11 21 93 00-0004	EA	Unit Wheelbase (Kontrol Kube FLK6543)	1,120.56	
11 21 93 00-0005	EA	Negative Air Machine, High Efficiency Particulate Air (HEPA) (Kontrol Kube 6560-U)	2,981.24	
11 22 Banking Equipment *(11 20)*				
11 22 13 Vault Equipment *(11 22)*				
11 22 13 16 Safes *(11 22 13)*				

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 22 13 16-0001		In Room Safes *(11 22 13 16)*		
11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	844.25	11.54
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	789.89	11.54
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	822.51	11.54
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	920.35	11.54
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	952.97	11.54
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	985.59	11.54
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27) Note: Includes security wire.	625.18	14.43
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43) Note: Includes security wire.	646.92	14.43
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50) Note: Includes security wire.	668.67	14.43

11 28 Office Equipment *(11 20)*

11 28 13 Computers *(11 28)*

11 28 13 00-0001		Accessories *(11 28 13)*		
11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	1,187.84	57.48
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	1,460.92	63.22
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	1,907.64	68.97
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	2,062.93	74.72
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	1,520.09	63.22
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	1,587.01	63.22
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	2,251.38	80.47
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	2,395.17	80.47
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	1,260.49	63.22
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	340.13	63.22
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	240.14	63.22

11 30 Residential Equipment *(11)*

11 30 13 Residential Appliances *(11 30)*

11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001		Ranges With Ovens *(11 30 13 13)* Note: Free standing or slide in.		
11 30 13 13-0002		Electric Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0003	EA	20" Electric Range With Oven	864.00	104.78
		For Stainless Steel, Add	*163.61*	
11 30 13 13-0004	EA	24" Electric Range With Oven	901.51	104.78
		For Stainless Steel, Add	*172.99*	
11 30 13 13-0005	EA	30" Electric Range With Oven	852.98	104.78
		For Stainless Steel, Add	*187.05*	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW)	1,037.09	104.78
11 30 13 13-0007		Gas Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0008	EA	20" Gas Range With Oven	957.76	104.78
		For Stainless Steel, Add	*187.05*	
11 30 13 13-0009	EA	24" Gas Range With Oven	1,006.52	104.78
		For Stainless Steel, Add	*199.24*	
11 30 13 13-0010	EA	30" Gas Range With Oven	1,051.52	104.78
		For Stainless Steel, Add	*210.49*	
11 30 13 13-0011		Range Hoods *(11 30 13 13)*		
11 30 13 13-0012		Venting Range Hoods *(11 30 13 13-0011)*		
11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	304.73	78.58
		For Stainless Steel, Add	*22.13*	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	282.81	78.58
		For Stainless Steel, Add	*18.85*	
11 30 13 13-0015	EA	30" Venting Range Hood (Broan 40000)	278.96	78.58
		For Stainless Steel, Add	*18.27*	
11 30 13 13-0016	EA	36" Venting Range Hood (Broan 40000)	282.81	78.58
		For Stainless Steel, Add	*18.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0017		**Non-Ducted Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0018	EA	21" Non-Ducted Range Hood (Broan 41000)	307.56	78.58
		For Stainless Steel, Add	*22.56*	
11 30 13 13-0019	EA	24" Non-Ducted Range Hood (Broan 41000)	285.71	78.58
		For Stainless Steel, Add	*19.28*	
11 30 13 13-0020	EA	30" Non-Ducted Range Hood (Broan 41000)	281.85	78.58
		For Stainless Steel, Add	*18.70*	
11 30 13 13-0021	EA	36" Non-Ducted Range Hood (Broan 41000)	285.71	78.58
		For Stainless Steel, Add	*19.28*	
11 30 13 13-0022		**Microwaves** *(11 30 13 13)*		
11 30 13 13-0023		**Countertop Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0024	EA	1.1 CF Countertop Microwave Oven	179.96	13.10
		For Stainless Steel, Add	*23.07*	
11 30 13 13-0025	EA	1.2 CF Countertop Microwave Oven	213.69	13.10
		For Stainless Steel, Add	*28.13*	
11 30 13 13-0026	EA	1.3 CF Countertop Microwave Oven	219.32	13.10
		For Stainless Steel, Add	*28.97*	
11 30 13 13-0027	EA	1.4 CF Countertop Microwave Oven	268.09	13.10
		For Stainless Steel, Add	*36.29*	
11 30 13 13-0028	EA	1.5 CF Countertop Microwave Oven	286.84	13.10
		For Stainless Steel, Add	*39.10*	
11 30 13 13-0029	EA	1.6 CF Countertop Microwave Oven	305.59	13.10
		For Stainless Steel, Add	*41.91*	
11 30 13 13-0030	EA	1.7 CF Countertop Microwave Oven	324.35	13.10
		For Stainless Steel, Add	*44.72*	
11 30 13 13-0031	EA	1.8 CF Countertop Microwave Oven	343.10	13.10
		For Stainless Steel, Add	*47.54*	
11 30 13 13-0032	EA	2.0 CF Countertop Microwave Oven	363.71	13.10
		For Stainless Steel, Add	*50.63*	
11 30 13 13-0033		**Over-The-Range Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0034	EA	1.5 CF Over-The Range Microwave	636.42	104.76
		For Stainless Steel, Add	*71.89*	
11 30 13 13-0035	EA	1.6 CF Over-The Range Microwave	717.82	104.76
		For Stainless Steel, Add	*84.10*	
11 30 13 13-0036	EA	1.7 CF Over-The Range Microwave	744.06	104.76
		For Stainless Steel, Add	*88.04*	
11 30 13 13-0037	EA	1.8 CF Over-The Range Microwave	940.95	104.76
		For Stainless Steel, Add	*117.57*	
11 30 13 13-0038	EA	2.0 CF Over-The Range Microwave	755.33	104.76
		For Stainless Steel, Add	*89.73*	
11 30 13 13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW)	527.77	78.57
11 30 13 13-0040		**Trash Compactors** *(11 30 13 13)*		
11 30 13 13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction	1,426.56	104.78
		For Stainless Steel, Add	*219.06*	
11 30 13 13-0042		**Refrigerators** *(11 30 13 13)*		
11 30 13 13-0043		**Top Freezer Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0044	EA	Up To 10 CF Top Freezer Refrigerator	704.83	52.40
		For Stainless Steel, Add	*90.01*	
11 30 13 13-0045	EA	>10 To 12 CF Top Freezer Refrigerator	852.98	52.40
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0046	EA	>12 To 14 CF Top Freezer Refrigerator	948.60	52.40
		For Stainless Steel, Add	*126.57*	
11 30 13 13-0047	EA	>14 To 16 CF Top Freezer Refrigerator	1,004.86	52.40
		For Stainless Steel, Add	*135.01*	
11 30 13 13-0048	EA	>16 To 18 CF Top Freezer Refrigerator	1,154.87	52.40
		For Stainless Steel, Add	*157.51*	
11 30 13 13-0049	EA	>18 To 20 CF Top Freezer Refrigerator	1,284.28	52.40
		For Stainless Steel, Add	*176.93*	
11 30 13 13-0050	EA	>20 To 22 CF Top Freezer Refrigerator	1,379.90	52.40
		For Stainless Steel, Add	*191.27*	
11 30 13 13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW)	1,377.46	52.40
11 30 13 13-0052		**Side-By-Side Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0053	EA	Up To 22 CF Side-By-Side Refrigerator	1,417.20	52.40
		For Stainless Steel, Add	*196.86*	
11 30 13 13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator	1,754.94	52.40
		For Stainless Steel, Add	*247.52*	
11 30 13 13-0055	EA	>24 To 26 CF Side-By-Side Refrigerator	1,979.96	52.40
		For Stainless Steel, Add	*281.28*	
11 30 13 13-0056		**Other Refrigerators** *(11 30 13 13-0042)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0057	EA	1.7 CF Dormitory Sized Refrigerator	236.36	26.20
		For Stainless Steel, Add	*27.59*	
11 30 13 13-0058	EA	4.4 CF Dormitory Sized Refrigerator	320.74	26.20
		For Stainless Steel, Add	*40.25*	
11 30 13 13-0059		**Freezers** *(11 30 13 13)*		
11 30 13 13-0060		**Upright Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0061	EA	Up To 10 CF Upright Freezer	665.46	52.40
		For Stainless Steel, Add	*84.10*	
11 30 13 13-0062	EA	>10 To 12 CF Upright Freezer	852.98	52.40
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0063	EA	>12 To 14 CF Upright Freezer	909.24	52.40
		For Stainless Steel, Add	*120.67*	
11 30 13 13-0064	EA	>14 To 16 CF Upright Freezer	1,040.50	52.40
		For Stainless Steel, Add	*140.36*	
11 30 13 13-0065	EA	>16 To 18 CF Upright Freezer	1,192.38	52.40
		For Stainless Steel, Add	*163.14*	
11 30 13 13-0066	EA	>18 To 20 CF Upright Freezer	1,267.40	52.40
		For Stainless Steel, Add	*174.39*	
11 30 13 13-0067	EA	>20 To 22 CF Upright Freezer	1,323.64	52.40
		For Stainless Steel, Add	*182.83*	
11 30 13 13-0068		**Chest Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0069	EA	Up To 8 CF Chest Freezer	536.06	52.40
		For Stainless Steel, Add	*64.69*	
11 30 13 13-0070	EA	>8 To 10 CF Chest Freezer	667.32	52.40
		For Stainless Steel, Add	*84.38*	
11 30 13 13-0071	EA	>10 To 12 CF Chest Freezer	714.22	52.40
		For Stainless Steel, Add	*91.42*	
11 30 13 13-0072	EA	>12 To 14 CF Chest Freezer	798.59	52.40
		For Stainless Steel, Add	*104.07*	
11 30 13 13-0073	EA	>14 To 16 CF Chest Freezer	852.98	52.40
		For Stainless Steel, Add	*112.23*	
11 30 13 13-0074	EA	>16 To 18 CF Chest Freezer	1,040.50	52.40
		For Stainless Steel, Add	*140.36*	
11 30 13 13-0075	EA	>18 To 20 CF Chest Freezer	1,284.28	52.40
		For Stainless Steel, Add	*176.93*	
11 30 13 13-0076	EA	>20 To 22 CF Chest Freezer	1,323.64	52.40
		For Stainless Steel, Add	*182.83*	
11 30 13 13-0077		**Automatic Ice Makers** *(11 30 13 13)*		
11 30 13 13-0078	EA	15" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,456.05	104.78
11 30 13 13-0079	EA	18" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,737.33	104.78
11 30 13 13-0080		**Built-In Dishwashers** *(11 30 13 13)*		
11 30 13 13-0081	EA	18" Built-In Dishwasher	1,203.40	104.78
		For Stainless Steel, Add	*149.08*	
11 30 13 13-0082	EA	24" Built-In Dishwasher	809.61	104.78
		For Stainless Steel, Add	*90.01*	
11 30 13 13-0083		**Removal And Reinstallation Of Kitchen Equipment** *(11 30 13 13)*		
		Note: Includes storage, cleaning and final connections.		
11 30 13 13-0084	EA	Removal And Reinstallation Of Garbage Disposal	157.17	
11 30 13 13-0085	EA	Removal And Reinstallation Of Stove/Range	314.35	
11 30 13 13-0086	EA	Removal And Reinstallation Of Dishwasher	335.30	
11 30 13 13-0087	EA	Removal And Reinstallation Of Range Hood	157.17	
11 30 13 13-0088	EA	Removal And Reinstallation Of Washer And Dryer	261.95	
11 30 13 13-0089		**Appliance Repair** *(11 30 13 13)*		
		Note: Includes removal.		
11 30 13 13-0090	EA	8" Burner Replacement	31.50	
11 30 13 13-0091	EA	4" Burner Element Replacement	55.70	
11 30 13 13-0092	EA	8" Burner Element Replacement	64.05	
11 30 13 13-0093	EA	Burner Manifold Replacement	215.12	
11 30 13 13-0094	EA	Burner Switch Replacement	88.23	
11 30 13 13-0095	EA	Burner Tube, 5/8" x 4' Replacement	40.92	
11 30 13 13-0096	EA	Oven Control Replacement	106.25	
11 30 13 13-0097	EA	Oven Door Gasket Replacement	42.23	
11 30 13 13-0098	EA	Oven Element Replacement	99.87	
11 30 13 13-0099	EA	Oven Igniter Replacement	72.01	
11 30 13 13-0100	EA	Oven Knobs Replacement	55.06	
11 30 13 13-0101		**Accessories** *(11 30 13 13)*		
11 30 13 13-0102	SF	Colored Metal Range Splash Plate	19.24	4.19
11 30 13 13-0103	SF	Stainless Steel Range Splash Plate	27.97	4.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0104		Automatic Water Softener *(11 30 13 13)*		
11 30 13 13-0105	EA	30,000 Grain Capacity, Water Softener (Whirlpool WHES30)	1,253.08	222.91
11 30 13 13-0106	EA	40,000 Grain Capacity, Water Softener (Whirlpool WHES40)	1,483.43	222.91
11 30 13 23		**Residential Laundry Appliances** *(11 30 13)*		
11 30 13 23-0001		Washing Machines And Dryers *(11 30 13 23)*		
11 30 13 23-0002		Washing Machines *(11 30 13 23-0001)*		
11 30 13 23-0003	EA	Up To 3.5 CF, Top Load Washing Machine	925.98	104.78
11 30 13 23-0004	EA	>3.5 To 4 CF, Top Load Washing Machine	1,469.79	104.78
11 30 13 23-0005	EA	>4 To 5 CF, Top Load Washing Machine	1,938.59	104.78
11 30 13 23-0006		Dryers *(11 30 13 23-0001)*		
11 30 13 23-0007		Electric Dryers *(11 30 13 23-0006)*		
11 30 13 23-0008	EA	Up To 6 CF, Electric Dryer	717.85	104.78
11 30 13 23-0009	EA	>6 To 6.5 CF, Electric Dryer	907.23	104.78
11 30 13 23-0010	EA	>6.5 To 7 CF, Electric Dryer	1,113.50	104.78
11 30 13 23-0011	EA	>7 To 7.5 CF, Electric Dryer	1,263.52	104.78
11 30 13 23-0012		Gas Dryers *(11 30 13 23-0006)*		
11 30 13 23-0013	EA	Up To 6 CF, Gas Dryer	850.98	104.78
11 30 13 23-0014	EA	>6 To 6.5 CF, Gas Dryer	1,038.50	104.78
11 30 13 23-0015	EA	>6.5 To 7 CF, Gas Dryer	1,225.81	104.78
11 30 13 23-0016	EA	>7 To 7.5 CF, Gas Dryer	1,394.78	104.78
11 30 13 23-0017		Washer and Dryer Accessories *(11 30 13 23-0001)* See CSI section 22 11 19 00-0213 for washer boxes and dryer outlets.		
11 30 13 23-0018	EA	1" Height, Washer/Dryer Stacking Kit (Miele WTV 502)	154.67	7.86
11 30 13 23-0019	EA	4-3/4" Height, Washer/Dryer Stacking Kit With Drawer (Miele WTV 512)	367.80	9.17
11 30 13 23-0020	EA	13" Height, Washer/Dryer Stacking Kit With Drawer (Miele WTS 510)	721.29	10.48
11 30 33		**Retractable Stairs** *(11 30)*		
11 30 33 00-0001		Disappearing Folding Access Stairs *(11 30 33)*		
11 30 33 00-0002		250 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0003	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	822.98	230.96
11 30 33 00-0004	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	840.34	230.96
11 30 33 00-0005	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	840.34	230.96
11 30 33 00-0006	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	857.27	230.96
11 30 33 00-0007		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0008	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	981.44	230.96
11 30 33 00-0009	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,016.54	230.96
11 30 33 00-0010	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,002.11	230.96
11 30 33 00-0011	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,035.64	230.96
11 30 33 00-0012	EA	30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,022.15	230.96
11 30 33 00-0013	EA	30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,080.11	230.96
11 30 33 00-0014		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)* Note: 1 x 6 treads, 1 x 5 stringers. Bessler Stairway Company, Model Space Saver.		
11 30 33 00-0015	EA	22-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,268.06	230.96
11 30 33 00-0016	EA	22-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,316.92	230.96
11 30 33 00-0017	EA	22-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,365.77	230.96
11 30 33 00-0018	EA	22-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,365.77	230.96
11 30 33 00-0019	EA	22-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,390.20	230.96
11 30 33 00-0020	EA	25-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,296.94	230.96
11 30 33 00-0021	EA	25-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,345.80	230.96
11 30 33 00-0022	EA	25-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,394.65	230.96
11 30 33 00-0023	EA	25-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,394.65	230.96
11 30 33 00-0024	EA	25-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,419.08	230.96
11 30 33 00-0025	EA	30" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,447.95	230.96
11 30 33 00-0026	EA	30" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,496.81	230.96
11 30 33 00-0027	EA	30" x 60" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,594.53	230.96
11 30 33 00-0028	EA	30" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,618.95	230.96
11 30 33 00-0029	EA	30" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,643.38	230.96
11 30 33 00-0030	EA	30" x 60" Rough Opening, 10' 6" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,667.81	230.96
11 30 33 00-0031		400 Lb. Capacity, Wood One Piece Pull Down Access Stairs *(11 30 33 00-0001)* Note: Ladder width 17 1/16", 1x4 treads, 1x4 stringers. Bessler Stairway Company, Model 20.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0032	EA	24" x 48" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,018.70	230.96
11 30 33 00-0033	EA	24" x 48" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,091.99	230.96
11 30 33 00-0034	EA	24" x 48" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,165.27	230.96
11 30 33 00-0035	EA	24" x 48" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,214.13	230.96
11 30 33 00-0036		600 Lb. Capacity, Wood One Piece Pull Down Access Stairs *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x6 treads, 1x6 stringers. Bessler Stairway Company, Model 40.		
11 30 33 00-0037	EA	24" x 66" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,385.14	230.96
		For Ladder Width 18 7/8" Wide, Add	*271.16*	
11 30 33 00-0038	EA	24" x 66" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,433.99	230.96
		For Ladder Width 18 7/8" Wide, Add	*278.49*	
11 30 33 00-0039	EA	24" x 66" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,458.42	230.96
		For Ladder Width 18 7/8" Wide, Add	*282.15*	
11 30 33 00-0040	EA	24" x 66" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,531.71	230.96
		For Ladder Width 18 7/8" Wide, Add	*293.15*	
11 30 33 00-0041	EA	24" x 72" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,687.16	230.96
		For Ladder Width 18 7/8" Wide, Add	*307.81*	
11 30 33 00-0042	EA	24" x 72" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,809.30	230.96
		For Ladder Width 18 7/8" Wide, Add	*326.13*	
11 30 33 00-0043	EA	24" x 72" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,931.45	230.96
		For Ladder Width 18 7/8" Wide, Add	*344.45*	
11 30 33 00-0044		800 Lb. Capacity, Wood One Piece Pull Down Access Stairs *(11 30 33 00-0001)*		
		Note: Ladder width 18 7/8", 1x8 treads, 1x8 stringers. Bessler Stairway Company, Model 100.		
11 30 33 00-0045	EA	30" x 70" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,494.90	230.96
11 30 33 00-0046	EA	30" x 70" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,543.76	230.96
11 30 33 00-0047	EA	30" x 70" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,592.62	230.96
11 30 33 00-0048	EA	30" x 72" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,714.76	230.96
11 30 33 00-0049	EA	30" x 76" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,845.79	230.96
11 30 33 00-0050	EA	30" x 80" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,919.08	230.96
11 30 33 00-0051	EA	30" x 84" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,041.22	230.96
11 30 33 00-0052	EA	30" x 87" Rough Opening, 10' 11" To 11' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,269.96	230.96
11 30 33 00-0053	EA	30" x 90" Rough Opening, 11' 5" To 11' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,489.83	230.96
11 30 33 00-0054	EA	30" x 93" Rough Opening, 11' 11" To 12' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,758.54	230.96
11 30 33 00-0055	EA	30" x 96" Rough Opening, 12' 5" To 12' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	6,002.84	230.96
11 30 33 00-0056		300 Lb. Capacity, Aluminum Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0057	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	699.97	230.96
11 30 33 00-0058	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	722.13	230.96
11 30 33 00-0059	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	706.14	230.96
11 30 33 00-0060	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	728.29	230.96
11 30 33 00-0061	EA	25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	851.62	230.96
11 30 33 00-0062		300 Lb. Capacity, Steel Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0063	EA	22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	649.75	230.96
11 30 33 00-0064	EA	22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	669.69	230.96

11 32 Unit Kitchens *(11 30)*

11 32 13 Metal Unit Kitchens *(11 32)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001		30" Compact Kitchen *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,623.49	605.05
		For Gas Unit, Add	*272.51*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	2,213.47	423.54
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	2,020.55	363.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	633.88	173.11
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,275.47	230.82
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	86.72	20.95
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	78.75	20.95
11 32 13 00-0009		42" Compact Kitchen *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	3,047.51	665.56
		For Gas Unit, Add	*324.02*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,738.35	544.55
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	799.90	196.19
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,478.22	259.67
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	103.03	20.95
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	87.35	20.95
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,115.31	847.07
		For Gas Unit, Add	*447.88*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	989.00	115.40
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,643.79	288.52
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	119.33	20.95
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	91.32	20.95
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	4,332.20	907.57
		For Gas Unit, Add	*468.32*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,176.34	288.52
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	126.05	20.95
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	91.32	20.95
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,645.00	968.08
		For Gas Unit, Add	*503.13*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,435.57	346.22
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	146.51	26.19
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	96.09	26.19

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

11 41 13 Refrigerated Food Storage Cases *(11 41)*

11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,450.62	363.23
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	2,761.94	363.23
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,680.12	363.23
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	2,650.88	363.23
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,974.94	173.84
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	8,588.15	219.25
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	11,506.97	242.22
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,110.79	173.84
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,952.66	219.25
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	10,594.88	242.22
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	8,401.17	173.84
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	11,374.68	219.25
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	8,317.95	173.84
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	11,996.54	219.25
11 41 13 00-0018	EA	One Section, 12.6 CF, Self-Closing, Double Pane Tempered Glass Door, Merchandiser Refrigerator (Summit SCR1400WLH)	1,599.49	59.83
11 41 13 00-0019	EA	One Section, 20.6 CF, Stainless Steel, Glass Door, Upright Refrigerator (Avantco SS-1R-G-HC 29)	2,297.24	59.83
11 41 13 00-0020		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0021	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	7,859.24	174.04
11 41 13 00-0022	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	10,429.06	218.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 41 23 Walk-In-Coolers *(11 41)*

11 41 23 00-0001 Walk-In Refrigerated Boxes *(11 41 23)*

Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,479.02	1,395.88
		For Refrigerated Boxes Without Floor, Deduct	*-4,404.38*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,385.48	1,570.36
		For Refrigerated Boxes Without Floor, Deduct	*-5,322.92*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,675.11	1,744.84
		For Refrigerated Boxes Without Floor, Deduct	*-5,587.16*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,771.90	2,093.82
		For Refrigerated Boxes Without Floor, Deduct	*-6,245.41*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,006.02	2,442.78
		For Refrigerated Boxes Without Floor, Deduct	*-7,187.68*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,277.58	2,791.76
		For Refrigerated Boxes Without Floor, Deduct	*-7,888.65*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,485.93	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-8,574.58*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,754.25	1,744.84
		For Refrigerated Boxes Without Floor, Deduct	*-5,856.95*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,176.14	1,919.32
		For Refrigerated Boxes Without Floor, Deduct	*-6,404.43*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,630.88	2,268.30
		For Refrigerated Boxes Without Floor, Deduct	*-7,151.29*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,313.28	2,617.26
		For Refrigerated Boxes Without Floor, Deduct	*-8,205.90*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,834.20	2,966.24
		For Refrigerated Boxes Without Floor, Deduct	*-8,970.16*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,478.99	3,315.20
		For Refrigerated Boxes Without Floor, Deduct	*-9,764.48*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,997.92	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-10,528.74*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,628.72	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-11,319.11*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	54,165.44	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-12,087.32*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,031.50	2,093.82
		For Refrigerated Boxes Without Floor, Deduct	*-7,310.31*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,844.72	2,442.78
		For Refrigerated Boxes Without Floor, Deduct	*-8,147.35*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,840.98	2,791.76
		For Refrigerated Boxes Without Floor, Deduct	*-9,029.50*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,593.66	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-9,851.51*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	47,659.34	3,489.69
		For Refrigerated Boxes Without Floor, Deduct	*-10,752.64*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,404.65	3,838.66
		For Refrigerated Boxes Without Floor, Deduct	*-11,570.70*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	55,486.82	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-12,476.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	59,219.86	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-13,293.84*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	63,290.50	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-14,194.97*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	67,047.32	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-15,016.99*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	71,350.89	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-15,918.91*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	75,306.56	6,281.44
		For Refrigerated Boxes Without Floor, Deduct	*-16,736.17*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,683.62	2,617.26
		For Refrigerated Boxes Without Floor, Deduct	*-9,048.48*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,153.93	2,966.24
		For Refrigerated Boxes Without Floor, Deduct	*-10,050.09*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,225.94	3,315.20
		For Refrigerated Boxes Without Floor, Deduct	*-10,951.22*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	52,675.28	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-11,948.08*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	56,768.11	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-12,853.96*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	61,216.25	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-13,850.03*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	65,281.04	4,711.08
		For Refrigerated Boxes Without Floor, Deduct	*-14,751.16*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	69,756.58	5,060.05
		For Refrigerated Boxes Without Floor, Deduct	*-15,752.76*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	73,946.85	5,496.26
		For Refrigerated Boxes Without Floor, Deduct	*-16,653.89*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	78,631.44	6,019.71
		For Refrigerated Boxes Without Floor, Deduct	*-17,650.75*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	82,950.73	6,543.17
		For Refrigerated Boxes Without Floor, Deduct	*-18,556.63*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	87,625.42	7,066.62
		For Refrigerated Boxes Without Floor, Deduct	*-19,552.70*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	91,920.59	7,590.07
		For Refrigerated Boxes Without Floor, Deduct	*-20,453.83*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	52,682.49	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-12,123.72*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	57,716.55	3,489.69
		For Refrigerated Boxes Without Floor, Deduct	*-13,266.94*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	63,189.75	3,838.66
		For Refrigerated Boxes Without Floor, Deduct	*-14,516.97*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	68,224.48	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-15,660.99*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	73,669.59	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-16,906.27*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	78,730.76	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-18,055.04*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	84,180.65	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-19,300.32*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,452.60	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-20,444.33*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	95,139.33	6,281.44
		For Refrigerated Boxes Without Floor, Deduct	*-21,694.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	100,438.09	6,804.90
		For Refrigerated Boxes Without Floor, Deduct	*-22,837.59*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	106,100.57	7,328.35
		For Refrigerated Boxes Without Floor, Deduct	*-24,083.66*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	111,395.61	7,764.56
		For Refrigerated Boxes Without Floor, Deduct	*-25,231.64*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	63,311.62	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-14,607.17*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	69,189.31	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-15,959.26*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	74,865.32	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-17,262.29*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	80,752.94	4,711.08
		For Refrigerated Boxes Without Floor, Deduct	*-18,619.13*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	86,434.20	5,060.05
		For Refrigerated Boxes Without Floor, Deduct	*-19,922.17*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	92,428.32	5,496.26
		For Refrigerated Boxes Without Floor, Deduct	*-21,274.26*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	98,356.61	6,019.71
		For Refrigerated Boxes Without Floor, Deduct	*-22,582.05*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	104,460.76	6,543.17
		For Refrigerated Boxes Without Floor, Deduct	*-23,934.14*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	110,363.32	7,066.62
		For Refrigerated Boxes Without Floor, Deduct	*-25,237.17*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	116,481.32	7,590.07
		For Refrigerated Boxes Without Floor, Deduct	*-26,594.01*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	74,218.30	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-17,159.44*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	80,264.68	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-18,555.05*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	86,651.84	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-20,035.31*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	92,687.19	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-21,426.95*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	99,319.93	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-22,911.17*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	105,573.13	6,281.44
		For Refrigerated Boxes Without Floor, Deduct	*-24,302.82*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	112,220.03	6,804.90
		For Refrigerated Boxes Without Floor, Deduct	*-25,783.07*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	118,480.63	7,328.35
		For Refrigerated Boxes Without Floor, Deduct	*-27,178.68*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	125,104.81	7,851.80
		For Refrigerated Boxes Without Floor, Deduct	*-28,658.94*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	131,581.75	8,491.58
		For Refrigerated Boxes Without Floor, Deduct	*-30,050.58*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,624.62	1,395.88
		For Refrigerated Boxes Without Floor, Deduct	*-4,690.78*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,828.53	1,570.36
		For Refrigerated Boxes Without Floor, Deduct	*-5,433.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,130.84	1,744.84
		For Refrigerated Boxes Without Floor, Deduct	*-5,951.10*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,442.83	2,093.82
		For Refrigerated Boxes Without Floor, Deduct	*-6,663.14*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,771.89	2,442.78
		For Refrigerated Boxes Without Floor, Deduct	*-7,629.15*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,258.64	2,791.76
		For Refrigerated Boxes Without Floor, Deduct	*-8,383.91*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,561.93	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-9,093.58*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,330.24	1,744.84
		For Refrigerated Boxes Without Floor, Deduct	*-6,250.95*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,847.07	1,919.32
		For Refrigerated Boxes Without Floor, Deduct	*-6,822.16*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,517.00	2,268.30
		For Refrigerated Boxes Without Floor, Deduct	*-7,622.82*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,294.35	2,617.26
		For Refrigerated Boxes Without Floor, Deduct	*-8,701.17*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,030.46	2,966.24
		For Refrigerated Boxes Without Floor, Deduct	*-9,519.22*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,770.18	3,315.20
		For Refrigerated Boxes Without Floor, Deduct	*-10,337.28*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,504.31	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-11,155.34*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	53,230.05	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-11,969.44*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	56,981.97	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-12,791.46*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,797.36	2,093.82
		For Refrigerated Boxes Without Floor, Deduct	*-7,751.77*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,825.78	2,442.78
		For Refrigerated Boxes Without Floor, Deduct	*-8,642.62*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,916.98	2,791.76
		For Refrigerated Boxes Without Floor, Deduct	*-9,548.50*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,884.85	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-10,424.31*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,045.48	3,489.69
		For Refrigerated Boxes Without Floor, Deduct	*-11,349.17*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	54,005.98	3,838.66
		For Refrigerated Boxes Without Floor, Deduct	*-12,221.03*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	58,183.09	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-13,150.64*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	62,131.33	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-14,021.71*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	66,296.90	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-14,946.57*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	70,268.92	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-15,822.39*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	74,667.43	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-16,748.04*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	78,838.29	6,194.20
		For Refrigerated Boxes Without Floor, Deduct	*-17,619.11*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,879.88	2,617.26
		For Refrigerated Boxes Without Floor, Deduct	*-9,597.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,445.12	2,966.24
		For Refrigerated Boxes Without Floor, Deduct	*-10,622.89*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,732.33	3,315.20
		For Refrigerated Boxes Without Floor, Deduct	*-11,577.82*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	55,276.61	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-12,598.41*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	59,584.64	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-13,558.09*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	64,127.71	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-14,577.89*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	68,407.70	4,711.08
		For Refrigerated Boxes Without Floor, Deduct	*-15,532.82*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	72,978.18	5,060.05
		For Refrigerated Boxes Without Floor, Deduct	*-16,558.16*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	77,383.64	5,496.26
		For Refrigerated Boxes Without Floor, Deduct	*-17,513.09*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	82,163.17	6,019.71
		For Refrigerated Boxes Without Floor, Deduct	*-18,533.69*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	86,697.66	6,543.17
		For Refrigerated Boxes Without Floor, Deduct	*-19,493.36*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	91,467.29	7,066.62
		For Refrigerated Boxes Without Floor, Deduct	*-20,513.17*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	95,977.65	7,590.07
		For Refrigerated Boxes Without Floor, Deduct	*-21,468.09*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	55,068.62	3,140.72
		For Refrigerated Boxes Without Floor, Deduct	*-12,720.25*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	60,317.88	3,489.69
		For Refrigerated Boxes Without Floor, Deduct	*-13,917.27*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	65,886.02	3,838.66
		For Refrigerated Boxes Without Floor, Deduct	*-15,191.04*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	71,135.94	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-16,388.85*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	76,675.99	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-17,657.87*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	81,952.35	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-18,860.43*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	87,497.19	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-20,129.45*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	92,984.34	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-21,327.27*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	98,766.00	6,281.44
		For Refrigerated Boxes Without Floor, Deduct	*-22,601.03*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	104,279.96	6,804.90
		For Refrigerated Boxes Without Floor, Deduct	*-23,798.06*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	110,037.38	7,328.35
		For Refrigerated Boxes Without Floor, Deduct	*-25,067.87*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	115,547.61	7,851.80
		For Refrigerated Boxes Without Floor, Deduct	*-26,269.64*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	66,128.14	3,664.18
		For Refrigerated Boxes Without Floor, Deduct	*-15,311.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	72,100.77	4,013.14
		For Refrigerated Boxes Without Floor, Deduct	*-16,687.12*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	77,991.98	4,362.11
		For Refrigerated Boxes Without Floor, Deduct	*-18,043.96*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	83,974.54	4,711.08
		For Refrigerated Boxes Without Floor, Deduct	*-19,424.53*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,871.00	5,060.05
		For Refrigerated Boxes Without Floor, Deduct	*-20,781.37*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	95,960.05	5,496.26
		For Refrigerated Boxes Without Floor, Deduct	*-22,157.19*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	102,103.53	6,019.71
		For Refrigerated Boxes Without Floor, Deduct	*-23,518.78*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	108,302.62	6,543.17
		For Refrigerated Boxes Without Floor, Deduct	*-24,894.60*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	114,420.38	7,066.62
		For Refrigerated Boxes Without Floor, Deduct	*-26,251.44*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	120,633.32	7,590.07
		For Refrigerated Boxes Without Floor, Deduct	*-27,632.01*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	77,224.70	4,187.62
		For Refrigerated Boxes Without Floor, Deduct	*-17,911.04*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	83,486.28	4,536.60
		For Refrigerated Boxes Without Floor, Deduct	*-19,360.45*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,968.37	4,885.56
		For Refrigerated Boxes Without Floor, Deduct	*-20,864.44*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	96,218.92	5,234.54
		For Refrigerated Boxes Without Floor, Deduct	*-22,309.89*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	102,946.61	5,757.98
		For Refrigerated Boxes Without Floor, Deduct	*-23,817.84*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	109,414.99	6,281.44
		For Refrigerated Boxes Without Floor, Deduct	*-25,263.28*	
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	116,156.84	6,804.90
		For Refrigerated Boxes Without Floor, Deduct	*-26,767.28*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	122,632.63	7,328.35
		For Refrigerated Boxes Without Floor, Deduct	*-28,216.68*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	129,351.75	7,851.80
		For Refrigerated Boxes Without Floor, Deduct	*-29,720.67*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	136,043.89	8,491.58
		For Refrigerated Boxes Without Floor, Deduct	*-31,166.12*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	1.34
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	2.49
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	3.50
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	24.68
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	32.28
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	3.98
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	9.79
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	12.66
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	13.29
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-17.87
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	7.45
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	19.32
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	16.94
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	54.91

11 41 23 00-0171 Air-Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,634.23	167.19
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,939.16	195.05
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,844.45	222.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,375.90	250.77
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,124.05	278.64
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,117.58	334.36
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	12,426.39	390.09
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,313.68	445.82
11 41 23 00-0182		208/230 Volt, 3 Phase *(11 41 23 00-0172)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,854.36	222.91
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,375.90	250.77
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,213.26	278.64
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,011.39	334.36
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	12,426.39	390.09
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	13,190.49	445.82
11 41 23 00-0189		Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0190		208/230 Volt, 1 Phase *(11 41 23 00-0189)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,835.68	167.19
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,322.22	195.05
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,138.03	222.91
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,392.39	250.77
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,860.00	278.64
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,810.72	334.36
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,450.34	390.09
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,176.69	445.82
11 41 23 00-0199		208/230 Volt, 3 Phase *(11 41 23 00-0189)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,096.74	222.91
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,409.13	250.77
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,947.06	278.64
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,728.13	334.36
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,476.01	390.09
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,074.00	445.82
11 41 23 00-0206		Low Temperature Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		208/230 Volt, 1 Phase *(11 41 23 00-0206)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,414.42	167.19
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,638.63	195.05
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,943.57	222.91
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,407.05	250.77
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,054.67	278.64
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,506.97	334.36
11 41 23 00-0214		208/230 Volt, 3 Phase *(11 41 23 00-0206)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,953.48	222.91
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,407.05	250.77
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,146.71	278.64
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,405.02	334.36
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,700.67	167.19
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,782.07	195.05
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,092.27	222.91
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,602.22	250.77
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,202.65	278.64
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,104.26	334.36
11 41 23 00-0227		208/230 Volt, 3 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,294.29	222.91
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,701.56	250.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,283.01	278.64
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,022.78	334.36
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,273.48	222.91
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	16,694.95	445.82
11 41 23 00-0236		208/230 Volt, 3 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,279.15	222.91
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,089.38	278.64
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	12,605.04	334.36
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,464.15	445.82
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,390.28	222.91
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	15,778.45	445.82
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,401.44	222.91
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,555.34	278.64
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,881.17	334.36
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	14,250.48	445.82
11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		208/230 Volt, 1 Phase *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,461.29	195.05
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,961.63	222.91
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,349.72	250.77
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,839.83	278.64
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,716.56	334.36
11 41 23 00-0257		208/230 Volt, 3 Phase *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,421.65	195.05
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,955.97	222.91
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,295.91	250.77
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,746.37	278.64
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	13,219.56	334.36
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	18,534.75	390.09
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	19,489.53	501.55
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	28,183.55	585.14
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase *(11 41 23 00-0266)* Note: Pre-Assembled outdoor R404a.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,570.05	195.05
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,885.83	222.91
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,013.00	250.77
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,207.20	278.64
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,535.21	334.36
11 41 23 00-0273		208/230 Volt, 3 Phase *(11 41 23 00-0266)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,471.83	195.05
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,890.30	222.91
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,996.26	250.77
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,124.61	278.64
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,181.40	334.36
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,311.09	390.09
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	17,209.08	501.55
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	24,227.06	585.14
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories *(11 41 23)*		
11 41 23 00-0283		Accessories *(11 41 23 00-0282)*		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	1,457.96	
11 41 23 00-0285	EA	Super Door Package, For 48" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	2,056.08	
11 41 23 00-0286	EA	Super Door Package, For 60" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	2,056.08	
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	2,453.02	
11 41 23 00-0288	EA	Heated Air Vent, Kason	791.58	
11 41 23 00-0289	EA	Heated Air Vent, Polyvinyl Chloride (PVC), Bally	2,073.26	
11 41 23 00-0290	EA	Interior Ramps For 36" Or 42" Wide Doors	3,122.72	
11 41 23 00-0291	EA	Interior Ramps For 48" Wide Doors	3,423.36	
11 41 23 00-0292	EA	Interior Ramps For 60" Wide Doors	3,771.47	
11 41 23 00-0293	EA	Exterior Ramps For 36" Or 42" Wide Doors	1,204.95	
11 41 23 00-0294	EA	Exterior Ramps For 48" Wide Doors	2,293.59	
11 41 23 00-0295	EA	Exterior Ramps For 60" Wide Doors	2,293.59	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	223.33	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	1,353.10	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	3,093.65	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	3,255.05	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	1,511.34	
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	818.28	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	944.87	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	944.87	
11 41 23 00-0304	EA	Locking Devices, Cooler, Mortise Dead Bolt	1,742.35	
11 41 23 00-0305	EA	Locking Devices, Freezer, Mortise Dead Bolt	2,160.09	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	3,515.14	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	3,717.67	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	3,825.27	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	174.05	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	142.41	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	439.88	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	237.35	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	535.43	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	383.53	
11 41 23 00-0315	EA	4" Screed Door	924.50	
11 41 23 00-0316	EA	Doors Cut For Tile	1,152.35	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	1,152.35	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	2,826.44	
11 41 23 00-0319	EA	57-1/2" Door Section	680.82	
11 41 23 00-0320	EA	3 Way, Interior And Exterior, Light Switches	644.23	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	325.02	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	611.97	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	789.19	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	81.52	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	107.62	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	159.05	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	257.95	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	43.48	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	11.56	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	55.38	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	25.46	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	85.45	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	111.44	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	40.77	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	17.41	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	50.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	97.46	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	118.92	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	669.96	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	597.18	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	2,024.43	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	179.44	
11 41 23 00-0343	LF	Extra Capillary Tubing	26.62	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,319.03	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*360.14*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,976.75	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*392.73*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	8,204.10	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*403.81*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	8,874.49	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*437.04*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	8,684.10	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*427.23*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	9,338.67	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*459.66*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	9,534.36	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*469.16*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,467.41	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*515.52*	
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,049.18	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*494.32*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,706.90	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*526.91*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,950.06	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*538.78*	
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	11,610.96	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*571.53*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	13,395.67	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*660.48*	
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	7,996.26	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*394.00*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	8,552.72	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*421.53*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	8,821.20	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*434.66*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	9,564.38	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*471.53*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	9,336.02	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*459.82*	
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,076.03	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*496.53*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,347.67	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*509.82*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,087.68	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*546.53*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,859.33	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*534.82*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,599.33	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*571.53*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,870.97	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*584.82*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	12,610.99	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*621.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	12,382.61	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*609.83*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	3,142.48	
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	3,433.63	
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	3,462.11	
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	3,829.21	
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	4,202.64	
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	4,468.46	
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	4,484.29	
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	5,218.48	
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	4,272.26	
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	5,291.27	
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	5,648.87	
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	5,769.13	
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	6,506.49	
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	7,221.70	
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	7,354.61	
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	7,845.13	
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	3,373.50	
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	3,553.89	
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	4,778.60	
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	4,098.20	
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	4,550.75	
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	4,762.78	
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	4,778.60	
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	5,690.01	

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,061.96	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,118.40	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,250.80	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,319.91	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,432.81	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,232.33	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,260.29	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,395.86	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,458.64	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,669.64	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,345.74	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,357.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,556.75	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,562.56	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,805.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	897.40	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	941.18	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,035.60	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,054.08	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,204.95	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	991.82	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,064.08	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,126.87	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,139.02	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,350.01	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,092.57	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,133.20	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,218.13	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,261.92	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,479.25	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,499.34	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,789.51	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,844.34	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,899.19	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,508.94	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,622.82	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,785.51	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,085.49	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,208.97	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,926.57	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,834.54	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,095.29	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,395.27	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,518.75	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	4,471.68	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,250.29	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,351.05	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,467.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,574.70	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,706.59	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,493.46	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,527.75	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,691.79	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,773.56	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	2,032.04	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,632.18	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,682.30	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,868.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,905.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	2,196.09	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,050.92	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,104.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,220.78	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,242.41	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,428.11	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,195.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,280.91	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,470.26	
		For Cantilever Shelving, Add	*472.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,450.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,626.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,318.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,369.00	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,476.08	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,526.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,797.35	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,051.17	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,412.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,479.52	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,546.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,305.91	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,204.07	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,405.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,779.49	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,932.39	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,826.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,467.27	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,791.75	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,165.27	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,318.16	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	5,506.44	
		For Cantilever Shelving, Add	*472.00*	

11 41 23 00-0487 Replace Insulated Wall For Walk-In Refrigerated Boxes *(11 41 23)*

11 41 23 00-0488	SF	Removal And Replacement Of Galvalume Insulated Freezer Wall Panels	74.09	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*3.06*	
11 41 23 00-0489	SF	Removal and Replacement Of Galvalume Insulated Freezer Ceiling Panels	76.67	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*3.06*	

11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

11 41 31 00-0001 Wall Cabinets *(11 41 31)*

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,549.08	90.14
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,363.45	118.99
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,860.56	136.41
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	2,470.74	87.02

11 41 31 00-0006 Mobile Sheet Pan Truck *(11 41 31)*

11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	237.88	7.58

11 41 31 00-0008 Pot And Utensil Rack *(11 41 31)*

11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	693.92	23.08
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	804.26	26.09
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	956.14	31.27
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	519.97	17.08

11 41 31 00-0013 Tray And Silverware Cart *(11 41 31)*

11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	2,400.20	77.92

11 41 31 00-0015 Flat Top Utility Units *(11 41 31)*

11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,636.47	53.27
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,192.96	71.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33		**Foodservice Shelving** *(11 41)*		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	346.86	42.21
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	365.12	42.56
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	387.74	42.91
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	401.76	43.26
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	428.62	43.61
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	451.32	43.96
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	469.59	44.30
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	510.48	45.01
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	378.03	42.56
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	392.05	42.91
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	406.09	43.26
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	445.94	43.61
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	472.87	43.96
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	508.38	44.30
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	522.32	44.65
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	571.95	45.36
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	396.39	42.91
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	427.56	43.26
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	450.28	43.61
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	477.11	43.96
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	495.47	44.30
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	539.65	44.65
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	562.25	45.01
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	620.45	45.70
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	436.31	43.26
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	454.61	43.61
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	468.54	43.96
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	504.13	44.30
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	526.74	44.65
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	570.91	45.01
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	602.08	45.36
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	677.59	46.05
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	575.39	43.61
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	645.33	43.96
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	689.59	44.30
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	789.87	44.65
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	635.59	45.01
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	701.39	45.36
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	784.29	45.70
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	918.54	46.40
11 41 33 00-0044		63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	351.11	42.21
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	369.37	42.56
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	391.97	42.91
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	406.00	43.26
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	432.86	43.61
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	455.54	43.96
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	473.83	44.30
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	514.70	45.01
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	382.25	42.56
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	396.30	42.91
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	410.34	43.26
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	450.17	43.61
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	477.11	43.96
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	512.60	44.30
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	526.56	44.65
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	534.27	45.36
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	400.63	42.91
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	431.80	43.26
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	454.50	43.61
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	481.34	43.96
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	499.71	44.30
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	543.87	44.65
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	566.49	45.01
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	624.69	45.70
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	440.55	43.26
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	458.83	43.61
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	472.78	43.96
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	508.38	44.30
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	530.98	44.65
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	575.13	45.01
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	606.30	45.36
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	681.83	46.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	579.61	43.61
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	649.57	43.96
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	693.81	44.30
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	794.09	44.65
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	639.81	45.01
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	705.62	45.36
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	788.57	45.70
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	922.77	46.40
11 41 33 00-0085		**66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	353.32	42.21
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	371.58	42.56
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	394.18	42.91
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	408.21	43.26
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	435.07	43.61
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	457.75	43.96
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	476.04	44.30
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	516.91	45.01
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	384.48	42.56
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	398.51	42.91
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	412.55	43.26
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	452.40	43.61
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	479.32	43.96
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	514.81	44.30
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	528.77	44.65
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	578.41	45.36
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	402.84	42.91
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	434.01	43.26
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	456.71	43.61
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	483.55	43.96
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	501.92	44.30
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	546.08	44.65
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	568.70	45.01
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	626.90	45.70
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	442.76	43.26
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	461.04	43.61
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	474.99	43.96
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	510.59	44.30
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	533.19	44.65
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	577.37	45.01
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	608.51	45.36
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	684.04	46.05
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	581.82	43.61
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	651.78	43.96
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	696.04	44.30
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	796.30	44.65
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	642.02	45.01
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	707.83	45.36
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	790.76	45.70
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	924.98	46.40
11 41 33 00-0126		**74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	359.75	42.21
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	378.03	42.56
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	400.63	42.91
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	414.67	43.26
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	441.52	43.61
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	464.20	43.96
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	482.50	44.30
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	523.37	45.01
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	390.92	42.56
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	404.96	42.91
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	419.00	43.26
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	458.83	43.61
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	485.76	43.96
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	521.27	44.30
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	535.23	44.65
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	584.84	45.36
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	409.30	42.91
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	440.46	43.26
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	463.16	43.61
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	490.00	43.96
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	508.38	44.30
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	552.53	44.65
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	575.13	45.01
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	633.36	45.70
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	449.22	43.26
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	467.50	43.61
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	481.45	43.96
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	517.02	44.30
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	539.65	44.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	583.80	45.01
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	614.97	45.36
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	690.50	46.05
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	588.27	43.61
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	658.24	43.96
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	702.48	44.30
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	802.75	44.65
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	648.48	45.01
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	714.28	45.36
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	797.24	45.70
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	931.43	46.40
11 41 33 00-0167		**86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	376.99	42.21
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	395.25	42.56
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	417.85	42.91
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	431.89	43.26
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	458.74	43.61
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	481.45	43.96
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	499.71	44.30
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	540.61	45.01
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	408.16	42.56
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	422.18	42.91
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	436.22	43.26
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	476.07	43.61
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	503.00	43.96
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	538.51	44.30
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.45	44.65
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	602.08	45.36
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	426.52	42.91
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	457.68	43.26
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	480.41	43.61
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	507.22	43.96
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	525.60	44.30
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	569.77	44.65
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	592.38	45.01
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	650.58	45.70
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	466.44	43.26
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	484.72	43.61
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	498.66	43.96
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	534.26	44.30
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	556.87	44.65
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	601.04	45.01
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	632.19	45.36
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	707.72	46.05
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	605.49	43.61
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	675.46	43.96
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	719.72	44.30
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	819.97	44.65
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	665.70	45.01
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	731.50	45.36
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	814.48	45.70
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	948.65	46.40
11 41 33 00-0208		**96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	440.62	42.21
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	463.19	42.56
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	491.19	42.91
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	508.47	43.26
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	541.78	43.61
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	569.88	43.96
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	592.46	44.30
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	643.05	45.01
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	479.31	42.56
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	496.60	42.91
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	513.87	43.26
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	563.42	43.61
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	596.82	43.96
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	640.95	44.30
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	658.10	44.65
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	719.62	45.36
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	502.02	42.91
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	540.72	43.26
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	568.84	43.61
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	602.11	43.96
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	624.82	44.30
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	679.77	44.65
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	707.77	45.01
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	780.00	45.70
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	551.66	43.26
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	574.25	43.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	591.41	43.96
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	635.66	44.30
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	663.64	44.65
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	718.58	45.01
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	757.28	45.36
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	851.16	46.05
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	725.22	43.61
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	812.40	43.96
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	867.45	44.30
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	992.54	44.65
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	799.43	45.01
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	881.42	45.36
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	984.86	45.70
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,152.07	46.40
11 41 33 00-0249		Galvanized Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0250		54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	383.19	42.21
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	402.19	42.56
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	425.78	42.91
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	444.77	43.26
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	472.87	43.61
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	496.34	43.96
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	519.93	44.30
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	557.94	45.01
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	415.66	42.56
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	430.27	42.91
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	458.25	43.26
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	490.82	43.61
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	518.88	43.96
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	555.84	44.30
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	583.93	44.65
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	626.58	45.36
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	434.75	42.91
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	471.81	43.26
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	495.30	43.61
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	523.38	43.96
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	542.39	44.30
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	592.91	44.65
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	616.50	45.01
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	686.02	45.70
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	480.79	43.26
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	499.80	43.61
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	514.40	43.96
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	551.36	44.30
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	592.91	44.65
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	638.93	45.01
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	675.99	45.36
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	759.07	46.05
11 41 33 00-0283		63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	392.17	42.21
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	411.16	42.56
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	434.75	42.91
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	453.75	43.26
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	481.85	43.61
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	505.32	43.96
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	528.91	44.30
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	566.92	45.01
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	424.64	42.56
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	439.25	42.91
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	467.22	43.26
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	499.80	43.61
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	527.86	43.96
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	564.82	44.30
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	592.91	44.65
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	635.49	45.36
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	443.73	42.91
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	480.79	43.26
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	504.28	43.61
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	532.36	43.96
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	551.36	44.30
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	601.88	44.65
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	625.47	45.01
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	695.00	45.70
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	489.76	43.26
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	508.78	43.61
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	523.38	43.96
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	560.34	44.30
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	601.88	44.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	647.91	45.01
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	684.96	45.36
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	768.05	46.05
11 41 33 00-0316		**74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	401.15	42.21
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	420.14	42.56
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	443.73	42.91
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	462.72	43.26
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	490.82	43.61
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	514.30	43.96
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	537.89	44.30
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	575.90	45.01
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	433.62	42.56
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	448.23	42.91
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	476.20	43.26
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	508.78	43.61
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	536.84	43.96
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	573.80	44.30
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	601.88	44.65
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	644.47	45.36
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	452.71	42.91
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	489.76	43.26
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	513.26	43.61
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	541.34	43.96
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	560.34	44.30
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	610.86	44.65
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	634.45	45.01
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	703.98	45.70
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	498.74	43.26
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	517.76	43.61
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	532.36	43.96
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	569.32	44.30
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	610.86	44.65
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	656.88	45.01
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	693.94	45.36
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	777.03	46.05
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	423.69	42.21
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	442.68	42.56
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	466.27	42.91
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	485.26	43.26
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	513.36	43.61
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	536.84	43.96
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	560.43	44.30
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	598.44	45.01
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	456.16	42.56
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	470.77	42.91
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	498.74	43.26
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	531.32	43.61
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	559.38	43.96
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	596.34	44.30
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	624.42	44.65
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	667.01	45.36
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	475.25	42.91
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	512.30	43.26
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	535.80	43.61
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	563.88	43.96
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	582.88	44.30
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	633.40	44.65
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	656.99	45.01
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	726.52	45.70
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	521.28	43.26
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	540.30	43.61
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	554.90	43.96
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	591.86	44.30
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	633.40	44.65
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	679.42	45.01
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	716.48	45.36
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	799.57	46.05
11 41 33 00-0382		**54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	714.67	43.26
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	784.28	43.96
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	876.35	44.65
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	932.41	45.36
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	779.72	43.96
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	898.80	44.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	990.86	45.36
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,127.89	46.05
11 41 33 00-0391		**63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	723.65	43.26
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	793.28	43.96
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	885.32	44.65
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	941.38	45.36
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	788.69	43.96
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	907.78	44.65
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	999.83	45.36
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,136.87	46.05
11 41 33 00-0400		**74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	732.62	43.26
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	802.26	43.96
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	894.32	44.65
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	950.36	45.36
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	797.67	43.96
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	916.75	44.65
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,008.81	45.36
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,145.87	46.05
11 41 33 00-0409		**86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	755.16	43.26
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	824.77	43.96
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	916.84	44.65
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	972.90	45.36
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	820.21	43.96
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	939.29	44.65
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,031.35	45.36
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,168.39	46.05
11 41 33 00-0418		**Stainless Steel Shelving Unit** *(11 41 33 00-0001)*		
11 41 33 00-0419		**63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	786.58	43.26
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	912.65	43.96
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,071.86	44.65
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,238.58	45.36
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	923.18	43.96
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,067.72	44.65
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,257.06	45.36
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,507.03	46.05
11 41 33 00-0428		**74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	812.96	43.26
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	939.03	43.96
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,101.99	44.65
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,264.95	45.36
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	949.56	43.96
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,094.09	44.65
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,283.42	45.36
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,533.41	46.05
11 41 33 00-0437		**86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	839.33	43.26
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	965.40	43.96
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,128.36	44.65
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,291.32	45.36
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	975.92	43.96
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,120.47	44.65
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,309.80	45.36
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,559.78	46.05
11 41 33 00-0446		**63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,492.93	43.26
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,650.06	43.96
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,858.64	44.65
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,984.62	45.36
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,787.36	43.96
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,104.35	44.65
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,335.55	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,681.28	46.05
11 41 33 00-0455		**74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,537.90	43.26
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,697.76	43.96
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,910.03	44.65
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,038.14	45.36
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,832.35	43.96
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,149.32	44.65
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,383.06	45.36
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,732.67	46.05
11 41 33 00-0464		**86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,582.90	43.26
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,741.88	43.96
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,953.04	44.65
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,080.55	45.36
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,877.33	43.96
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,194.32	44.65
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,426.60	45.36
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,773.96	46.05
11 41 33 00-0473		**Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	283.80	31.11
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	298.92	31.98
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	316.11	32.84
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	347.89	33.71
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	375.50	34.57
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	304.63	31.11
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	332.25	31.98
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	349.44	32.84
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	379.13	33.71
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	412.99	34.57
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	750.19	32.84
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	938.84	33.71
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,581.47	34.57
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	819.84	32.84
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	1,019.49	33.71
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,723.80	34.57
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	2,057.10	52.39
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	4,181.65	52.39

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	12,001.05	234.91
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	13,870.33	261.01
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	17,225.61	375.86
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	19,243.96	469.82
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 Lb.	3,023.50	208.81
11 42 13 00-0008	EA	Choppers, 16 Lb.	4,435.46	271.45
11 42 13 00-0009	EA	Choppers, 35 LB - 40 Lb./Min, 2 HP	7,114.45	296.82
11 42 13 00-0010	EA	Choppers, 35 LB - 40 Lb./Min, 3 HP	8,069.70	296.82
11 42 13 00-0011		**Stand Model Mixer** *(11 42 13)*		
11 42 13 00-0012	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10)	1,369.74	91.78
11 42 13 00-0013	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,709.14	91.78
11 42 13 00-0014	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,546.47	91.78
11 42 13 00-0015	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1)	9,632.79	99.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0016		Floor Model Mixer *(11 42 13)*		
11 42 13 00-0017	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30)	3,575.80	91.78
11 42 13 00-0018	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40)	4,953.80	101.99
11 42 13 00-0019	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60)	8,542.91	114.72
11 42 13 00-0020	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1)	18,325.69	99.19
11 42 13 00-0021	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1)	22,502.22	101.79
11 42 13 00-0022	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	28,663.26	104.41
11 42 13 00-0023	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1)	42,333.31	130.51
11 42 13 00-0024	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	54,226.25	167.05
11 42 13 00-0025		Slicers *(11 42 13)*		
11 42 13 00-0026	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312)	712.13	28.68
11 42 13 00-0027	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512)	1,038.22	28.68
11 42 13 00-0028	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN)	1,496.57	28.68
11 42 13 00-0029	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A)	2,544.21	28.68
11 42 13 00-0030	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A)	2,806.12	28.68
11 42 13 00-0031	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11)	7,036.58	28.68
11 42 13 00-0032		Peelers *(11 42 13)*		
11 42 13 00-0033	EA	22 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-10)	3,785.45	169.66
11 42 13 00-0034	EA	44 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-20)	4,370.88	197.85
11 42 13 00-0035	EA	66 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-30)	6,786.62	226.24
11 42 13 00-0036	EA	20 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6115)	6,057.76	169.66
11 42 13 00-0037	EA	40 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6430-1)	12,288.09	197.85
11 42 13 00-0038	EA	60 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6460-1)	13,087.89	226.24
11 42 13 00-0039		Proof Boxes *(11 42 13)*		
11 42 13 00-0040	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	3,210.61	77.92
11 42 13 00-0041	EA	30-1/2" x 45", Stainless Steel Proof Box	5,372.30	130.59
11 42 13 00-0042	EA	30-1/2" x 45", Galvanized Proof Box	3,357.08	59.28
11 42 13 00-0043		Non-Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0044	EA	Angle Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	2,289.47	74.68
11 42 13 00-0045	EA	Angle Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	2,456.02	79.84
11 42 13 00-0046	EA	Channel Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	2,273.94	74.07
11 42 13 00-0047	EA	Channel Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	2,410.06	78.52
11 42 13 00-0048		Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0049	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	3,730.53	132.03
11 42 13 00-0050	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	3,898.47	138.03
11 42 13 00-0051		Pass-Thru Hot Food Holding Cabinet *(11 42 13)*		
11 42 13 00-0052	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	7,733.22	219.25
11 42 13 00-0053	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	8,229.61	219.25
11 42 13 00-0054	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	10,516.09	229.69
11 42 13 00-0055	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	11,530.10	229.69
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		Tables *(11 42 16)*		
11 42 16 00-0002		Baker's Table *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	893.12	58.86
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,752.89	115.40
11 42 16 00-0005	EA	10' Under Shelf Baker's Table	2,162.79	142.42
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,319.70	152.92
11 42 16 00-0007	EA	10' Bins Baker's Table	3,412.92	225.04
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	5,359.24	353.26
11 42 16 00-0009		Preparation Table, Stainless Steel, With Under Shelf *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Under Shelf	1,178.21	31.04
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Under Shelf	1,269.69	37.28
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Under Shelf	1,919.23	50.67
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	1,240.60	32.66
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	1,594.51	42.00
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	1,369.68	36.12
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	1,648.66	43.51
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	333.05	8.77
11 42 16 00-0019		Mobile Tables *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,217.21	27.81
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,737.25	33.35
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,419.69	37.51
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,535.54	66.94
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,056.64	54.24
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	170.70	4.50
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	249.76	6.58
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	5,011.78	122.06
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	9,970.64	243.51
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	307.88	29.13
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	379.12	46.48

11 42 23 Food Preparation Scullery Sinks *(11 42)*

11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)* Note: Excludes faucet. See CSI section 22 42 39 00-0076 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drain Board	2,954.64	195.05
		For Additional Drain Board, Add	*273.17*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drain Board	4,177.13	222.91
		For Additional Drain Board, Add	*389.85*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drain Board	5,537.12	222.91
		For Additional Drain Board, Add	*520.28*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drain Board	7,927.86	222.91
		For Additional Drain Board, Add	*748.20*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drain Board	4,925.13	222.91
11 42 23 00-0007	EA	66" Wide x 33-1/2", Stainless Steel Scullery Sink, Triple Compartment Note: 6" backsplash with 45-degree return angle, rolled edges. Separated tubs to maintain water temperature.	6,911.35	424.74
11 42 23 00-0008	EA	99" Wide x 33", Stainless Steel Scullery Sink, Triple Compartment Note: With left and right table drain board extensions and 6" backsplash with 45-degree return angle, rolled edges. Separated tubs to maintain water temperature.	6,787.52	431.89
11 42 23 00-0009	EA	82-1/2" Wide x 33-1/2", Stainless Steel Scullery Sink, Triple Compartment Note: With left or right table drain board extensions and 6" backsplash with 45-degree return angle, rolled edges. Separated tubs to maintain water temperature.	6,501.01	431.89
11 42 23 00-0010	EA	21" Wide x 23-1/2", Stainless Steel Scullery Sink, Single Compartment Note: 6" backsplash with 45-degree return angle, rolled edges.	3,422.66	236.94
11 42 23 00-0011	EA	36-1/2" Wide x 23-1/2", Stainless Steel Scullery Sink, Single Compartment Note: With left or right 18" table drain board extension and 6" backsplash with 45-degree return angle, rolled edges.	3,684.90	236.94
11 42 23 00-0012	EA	42-1/2" Wide x 23-1/2", Stainless Steel Scullery Sink, Single Compartment Note: With left or right 24" table drain board extension and 6" backsplash with 45-degree return angle, rolled edges.	3,842.73	236.94
11 42 23 00-0013	EA	36" Wide, Double 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-2-36-X)	1,180.99	195.05
11 42 23 00-0014	EA	39" Wide, Double 16" Length x 20" Width x 12" Depth Compartment, 18 Gauge, Stainless Steel Scullery Sink (Elkay E2C16X20-0X)	1,614.25	195.05
11 42 23 00-0015	EA	54" Wide, Triple 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-3-54-X)	1,406.85	222.91

11 44 Food Cooking Equipment *(11 40)*

11 44 13 Commercial Ranges *(11 44)*

11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy-Duty Range, With 34" Open Top Oven	2,857.73	104.41
11 44 13 00-0003	EA	Range With Fry Top	2,857.73	104.41
11 44 13 00-0004	EA	Steel Finish Fry Top	6,106.64	146.58
11 44 13 00-0005	EA	Stainless Top Only Fry Top	6,103.95	144.90
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	7,053.26	168.71
11 44 13 00-0007	EA	6 Burner Gas Range (Vulcan #260L) Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel-plated oven racks.	6,364.69	150.31
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	15,557.48	104.78

11 44 16 Commercial Ovens *(11 44)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0001		**Bake Oven** *(11 44 16)*		
11 44 16 00-0002	EA	55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,993.85	406.78
11 44 16 00-0003	EA	55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,993.85	406.78
11 44 16 00-0004	EA	74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	27,084.31	406.78
11 44 16 00-0005	EA	74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	27,084.31	406.78
11 44 16 00-0006	EA	55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	38,663.03	464.90
11 44 16 00-0007	EA	55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	38,663.03	464.90
11 44 16 00-0008	EA	74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	56,536.98	464.90
11 44 16 00-0009	EA	74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	56,536.98	464.90
11 44 16 00-0010	EA	55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	61,458.74	581.12
11 44 16 00-0011	EA	55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	61,458.74	581.12
11 44 16 00-0012	EA	74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	86,425.55	581.12
11 44 16 00-0013	EA	74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	86,425.55	581.12
11 44 16 00-0014		**Rapid-Cook Countertop Bake Ovens** *(11 44 16)*		
11 44 16 00-0015	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	9,392.60	26.19
11 44 16 00-0016	EA	800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	5,575.47	26.19
11 44 16 00-0017	EA	4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	4,392.52	26.19
11 44 16 00-0018	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	6,695.02	26.19
11 44 16 00-0019	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	6,967.84	26.19
11 44 16 00-0020	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	6,967.84	26.19
11 44 16 00-0021	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	6,967.84	26.19
11 44 16 00-0022	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	6,967.84	26.19
11 44 16 00-0023	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	6,967.84	26.19
11 44 16 00-0024	EA	1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	12,959.57	26.19
11 44 16 00-0025	EA	6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	12,015.47	26.19
11 44 16 00-0026	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	6,419.95	26.19
11 44 16 00-0027	EA	3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	5,248.32	26.19
11 44 16 00-0028	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	5,706.78	26.19
11 44 16 00-0029	EA	6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	13,638.77	26.19
11 44 16 00-0030	EA	5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	12,176.22	26.19
11 44 16 00-0031	EA	1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	8,517.56	26.19
11 44 16 00-0032	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,137.82	26.19
11 44 16 00-0033	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,137.82	26.19
11 44 16 00-0034	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	17,771.74	26.19
11 44 16 00-0035	EA	11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	17,771.74	26.19
11 44 16 00-0036	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	9,425.43	26.19
11 44 16 00-0037	EA	5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	9,392.60	26.19
11 44 16 00-0038	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	11,456.26	26.19
11 44 16 00-0039	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	9,980.12	26.19
11 44 16 00-0040	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	11,150.62	26.19
11 44 16 00-0041	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	11,692.85	26.19
11 44 16 00-0042	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	10,353.68	26.19
11 44 16 00-0043	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	12,586.00	26.19
11 44 16 00-0044	EA	6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	13,146.35	26.19
11 44 16 00-0045	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	9,934.84	26.19
11 44 16 00-0046	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	9,538.63	26.19
11 44 16 00-0047	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	9,538.63	26.19
11 44 16 00-0048	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	10,048.04	26.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0049	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	10,048.04	26.19
11 44 16 00-0050	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	10,918.55	26.19
11 44 16 00-0051	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	14,627.02	26.19
11 44 16 00-0052	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	14,627.02	26.19
11 44 16 00-0053	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,238.30	26.19
11 44 16 00-0054	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,238.30	26.19
11 44 16 00-0055	EA	10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	13,711.22	26.19
11 44 16 00-0056	EA	5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	10,308.40	26.19

11 44 16 00-0057 Combination Ovens *(11 44 16)*

Note: Convection, steam and combination modes.

11 44 16 00-0058	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	25,082.61	182.71
11 44 16 00-0059	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	41,158.77	208.81
11 44 16 00-0060	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	33,997.81	208.81
11 44 16 00-0061	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	82,076.65	261.01
11 44 16 00-0062	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	62,304.66	261.01

11 44 16 00-0063 Countertop Electric Convection Type Ovens *(11 44 16)*

11 44 16 00-0064	EA	1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	237.60	13.10
11 44 16 00-0065	EA	1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	381.27	13.10
11 44 16 00-0066	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28)	448.18	13.10
11 44 16 00-0067	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32)	575.04	13.10
11 44 16 00-0068	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,040.16	13.10
11 44 16 00-0069	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,209.30	13.10
11 44 16 00-0070	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	212.23	13.10
11 44 16 00-0071	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H)	347.54	13.10
11 44 16 00-0072	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17)	980.16	13.10
11 44 16 00-0073	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	892.29	13.10
11 44 16 00-0074	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,210.82	13.10
11 44 16 00-0075	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	1,959.50	13.10

11 44 16 00-0076 Electric Convection Type Ovens *(11 44 16)*

11 44 16 00-0077	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100)	4,479.52	52.40
11 44 16 00-0078	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK)	8,884.84	104.78
11 44 16 00-0079	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK)	8,884.84	104.78
11 44 16 00-0080	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK)	8,884.84	104.78
11 44 16 00-0081	EA	22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK)	8,884.84	104.78
11 44 16 00-0082	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3)	14,652.50	104.78
11 44 16 00-0083	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3)	7,326.25	52.40
11 44 16 00-0084	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	7,326.25	52.40
11 44 16 00-0085	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3)	8,039.83	52.40
11 44 16 00-0086	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	7,326.25	52.40
11 44 16 00-0087	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	7,326.25	52.40
11 44 16 00-0088	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3)	16,079.66	104.78
11 44 16 00-0089	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E)	6,841.01	52.40
11 44 16 00-0090	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	13,682.02	104.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0091	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	14,652.50	104.78
11 44 16 00-0092	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	18,532.20	104.78
11 44 16 00-0093		**Natural Gas Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0094	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N)	5,149.94	52.40
11 44 16 00-0095	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N)	10,214.29	104.78
11 44 16 00-0096	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT)	17,611.94	104.78
11 44 16 00-0097	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD)	16,865.82	104.78
11 44 16 00-0098	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	15,746.62	104.78
11 44 16 00-0099	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K)	8,805.97	52.40
11 44 16 00-0100	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G)	8,910.75	104.78
11 44 16 00-0101	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S)	24,610.21	104.78
11 44 16 00-0102	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	7,873.31	52.40
11 44 16 00-0103	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES)	21,583.99	104.78
11 44 16 00-0104	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20)	32,073.70	104.78
11 44 16 00-0105	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS)	24,610.21	104.78
11 44 16 00-0106	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G)	20,157.56	104.78
11 44 16 00-0107	EA	90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES)	17,941.12	104.78
11 44 16 00-0108	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN)	8,432.91	52.40
11 44 16 00-0109	EA	36" Wide x 58" Height x 41" Depth, Natural Gas Convection Oven (Vulcan 36C-BN)	9,652.90	208.81
		For 5" Swivel Plate Casters, Set of 4, Add	*654.69*	
11 44 16 00-0110		**Liquid Propane Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0111	EA	108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L)	10,214.29	104.78
11 44 16 00-0112	EA	100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP)	17,611.94	104.78
11 44 16 00-0113	EA	50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K)	8,805.97	52.40
11 44 16 00-0114	EA	100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP)	33,232.40	104.78
11 44 16 00-0115	EA	100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	15,746.62	104.78
11 44 16 00-0116	EA	100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP)	16,865.82	104.78
11 44 16 00-0117	EA	50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL)	8,432.91	52.40
11 44 16 00-0118	EA	50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	7,873.31	52.40
11 44 16 00-0119		**Broiler, Without Oven** *(11 44 16)*		
11 44 16 00-0120	EA	69" x 26" x 39" Broiler Without Oven	7,946.42	167.05
11 44 16 00-0121	EA	Conveyor Broiler	7,060.23	193.88
11 44 16 00-0122		**Oven Stands** *(11 44 16)*		
11 44 16 00-0123	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	1,992.66	
11 44 16 00-0124		**Triple Conveyor Oven** *(11 44 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0125	EA	30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,426.70	209.56
11 44 16 00-0126	EA	30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,426.70	209.56
11 44 16 00-0127	EA	22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,010.82	209.56
11 44 16 00-0128	EA	22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,391.74	209.56
11 44 16 00-0129	EA	22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,391.74	209.56
11 44 16 00-0130	EA	330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,010.82	209.56
11 44 16 00-0131	EA	330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,010.82	209.56
11 44 16 00-0132		Countertop Pizza Oven *(11 44 16)*		
11 44 16 00-0133	EA	3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE)	6,389.38	26.19
11 44 16 00-0134		Rotary Deck Pizza Oven *(11 44 16)*		
11 44 16 00-0135	EA	90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare)	39,372.63	104.78
11 44 19		**Commercial Cooking Equipment** ***(11 44)***		
11 44 19 00-0001		Drop-In Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep, Drop-In Electric Griddle	4,392.38	143.56
11 44 19 00-0003	EA	36" Wide x 24" Deep, Drop-In Electric Griddle	6,252.36	143.56
11 44 19 00-0004	EA	48" Wide x 24" Deep, Drop-In Electric Griddle	7,156.80	156.60
11 44 19 00-0005	EA	60" Wide x 24" Deep, Drop-In Electric Griddle	8,566.55	156.60
11 44 19 00-0006	EA	72" Wide x 24" Deep, Drop-In Electric Griddle	10,982.58	169.66
11 44 19 00-0007		Countertop Griddle *(11 44 19)*		
11 44 19 00-0008	EA	16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N)	548.78	147.96
11 44 19 00-0009	EA	24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N)	680.78	147.96
11 44 19 00-0010	EA	30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N)	757.78	147.96
11 44 19 00-0011	EA	36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N)	954.69	147.96
11 44 19 00-0012	EA	24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	1,036.64	147.96
11 44 19 00-0013	EA	36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,330.67	147.96
11 44 19 00-0014		Panini Sandwich Grill *(11 44 19)*		
11 44 19 00-0015	EA	3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	672.65	104.78
11 44 19 00-0016	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	520.81	104.78
11 44 19 00-0017	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	520.81	104.78
11 44 19 00-0018	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	520.81	104.78
11 44 19 00-0019	EA	2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	1,042.93	104.78
11 44 19 00-0020		Electric Countertop Fryer, With Basket *(11 44 19)*		
11 44 19 00-0021	EA	30 Lb. Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202)	1,020.44	104.78
11 44 19 00-0022	EA	30 Lb. Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	2,209.94	104.78
11 44 19 00-0023	EA	30 Lb. Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	8,153.77	104.78
11 44 19 00-0024		Electric Floor Fryer, With Basket *(11 44 19)*		
11 44 19 00-0025	EA	50 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	6,934.97	208.81
11 44 19 00-0026	EA	50 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	7,280.40	208.81
11 44 19 00-0027	EA	85 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	23,295.31	271.45
11 44 19 00-0028	EA	85 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	23,862.15	271.45
11 44 19 00-0029		Natural Gas Floor Fryer, With Basket *(11 44 19)*		
11 44 19 00-0030	EA	40 Lb. Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300)	1,588.17	167.65
11 44 19 00-0031	EA	50 Lb. Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400)	1,821.82	209.56
11 44 19 00-0032	EA	70 To 100 Lb. Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518)	2,652.94	419.13
11 44 19 00-0033		Steamers, Electric *(11 44 19)*		
11 44 19 00-0034		Cooking Equipment/ Steamers *(11 44 19 00-0033)*		
11 44 19 00-0035	EA	3 Pan, Electric Countertop Convection Steamer	10,656.77	219.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0036	EA	5 Pan, Electric Countertop Convection Steamer	14,059.40	229.69
11 44 19 00-0037	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	9,853.63	219.25
11 44 19 00-0038	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	14,406.18	229.69
11 44 19 00-0039		**Braising Pans** *(11 44 19)*		
11 44 19 00-0040	EA	24" x 24", 240 Volt, Tilting Braising Pan	9,431.31	209.60
11 44 19 00-0041	EA	24" x 31", 240 Volt, Tilting Braising Pan	9,952.54	220.41
11 44 19 00-0042	EA	24" x 41", 240 Volt, Tilting Braising Pan	10,600.24	234.72
11 44 19 00-0043	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	12,294.85	273.33
11 44 19 00-0044	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	12,713.63	281.75
11 44 19 00-0045	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	13,207.83	289.19
11 44 19 00-0046		**Toasters** *(11 44 19)*		
11 44 19 00-0047	EA	Bun Toaster 3.2 KW	1,869.42	45.01
11 44 19 00-0048	EA	Bun Toaster 4.3 KW	2,040.21	49.05
11 44 19 00-0049	EA	Pop-Up Toaster, 2 Slot	619.12	113.07
11 44 19 00-0050	EA	Conveyor Toaster	1,066.56	169.66
11 44 19 00-0051		**Microwave Ovens** *(11 44 19)*		
11 44 19 00-0052	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD)	181.88	13.10
11 44 19 00-0053	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB)	199.18	13.10
11 44 19 00-0054	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS)	256.85	13.10
11 44 19 00-0055	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D)	326.05	13.10
11 44 19 00-0056	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T)	406.78	13.10
11 44 19 00-0057	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS)	256.85	13.10
11 44 19 00-0058	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS)	298.95	13.10
11 44 19 00-0059	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE)	524.44	13.10
11 44 19 00-0060	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS)	638.62	13.10
11 44 19 00-0061	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy-Duty Commercial Microwave With Push Button Controls (Amana HDC12A2)	1,334.09	13.10
11 44 19 00-0062	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830)	371.96	13.10
11 44 19 00-0063	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819)	504.89	13.10
11 44 19 00-0064	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90)	389.50	13.10
11 44 19 00-0065	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F)	343.36	13.10
11 44 19 00-0066	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F)	659.38	13.10
11 44 19 00-0067	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025)	308.76	13.10
11 44 19 00-0068	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T)	636.31	13.10
11 44 19 00-0069	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy-Duty Stainless Steel Microwave (Solwave MWHD12)	705.51	13.10
11 44 19 00-0070	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523)	1,179.54	13.10
11 44 19 00-0071	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521)	1,095.35	13.10
11 44 19 00-0072	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS)	1,287.95	13.10
11 44 19 00-0073	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commercial Microwave With LCD Display (Panasonic NE-17521)	1,207.22	13.10
11 44 19 00-0074	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523)	1,354.85	13.10
11 44 19 00-0075	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180)	3,643.67	13.10
11 44 19 00-0076	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280)	4,827.01	13.10
11 44 19 00-0077	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS)	1,510.55	13.10
11 44 19 00-0078	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy-Duty, 2 Pan Programmable Microwave (Amana AMSO22)	4,697.26	13.10
11 44 19 00-0079	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana AOC24)	2,901.49	13.10
11 44 19 00-0080	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy-Duty Microwave (Solwave MWHD18)	786.25	13.10
11 44 19 00-0081	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T)	832.38	13.10
11 44 19 00-0082	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy-Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21)	890.05	13.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0083	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC17S2)	2,133.36	13.10
11 44 19 00-0084	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commercial Microwave With Push Button Controls (Solwave MW1800T)	717.05	13.10
11 44 19 00-0085	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana HDC182)	1,562.45	13.10
11 44 19 00-0086	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy-Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815)	1,572.83	13.10
11 44 19 00-0087	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120)	1,467.88	13.10
11 44 19 00-0088	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave (Amana HDC212)	1,635.11	13.10
11 44 19 00-0089	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Panasonic NE-21521)	1,479.41	13.10
11 44 19 00-0090	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC22S2)	2,662.75	13.10
11 44 19 00-0091	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC30S2)	3,493.16	13.10
11 44 19 00-0092		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0093	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	7,770.81	171.84
11 44 19 00-0094	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	7,770.81	171.84
11 44 19 00-0095	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	9,658.26	214.53
11 44 19 00-0096		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0097	EA	2 Burners Gas Countertop Hot Plate	990.69	21.89
11 44 19 00-0098		**Food Service Additions** *(11 44 19)*		
11 44 19 00-0099	EA	30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge)	8,061.64	21.65
11 44 19 00-0100	EA	Heavy-Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S)	5,277.51	174.36
11 44 19 00-0101	EA	Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10)	52,277.93	
11 44 19 00-0102	EA	1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS)	1,058.76	13.62
11 44 19 00-0103	EA	1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS)	616.81	13.62
11 44 19 00-0104	EA	48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151)	18,351.43	156.60
11 44 19 00-0105	EA	120 Volt, 14.9 Amperes, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80)	8,659.15	301.73
11 44 19 00-0106	EA	1/3 HP, 120 Volt, 60 Hz, 15 Amperes, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE)	5,890.88	301.73
11 44 19 00-0107	EA	Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-streamer (Cleveland OES-10.20)	20,517.46	219.25
11 44 19 00-0108	EA	115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1)	37,457.85	234.48
11 44 19 00-0109	EA	50 PSI, Water-resistant, Stationary Trileg Tilting Steam Jacketed Kettle (Cleveland / Groen KDL)	32,151.82	120.24
11 44 19 00-0110	EA	Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model)	19,468.63	66.01
11 44 19 00-0111	EA	6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255)	5,168.25	272.96
11 44 19 00-0112	EA	3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT)	291.67	22.29
11 44 19 00-0113	EA	1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7)	10,217.93	302.70
11 44 19 00-0114	EA	20', 3/8" Thick, Stainless Steel, Heavy-Duty Mounting, Tempered Glass (English Mfg. M-107)	13,998.10	13.62
11 44 19 00-0115	EA	1,350 Lb., Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60)	20,053.25	183.37
11 44 19 00-0116	EA	Gas Fired Pasta Cooker (Frymaster GPCRB-SC)	25,095.02	145.50
11 44 19 00-0117	EA	Stainless Steel, Anti-microbial, Vegetable Cutter (Globe A420VH)	1,107.47	6.29
11 44 19 00-0118	EA	5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T)	26,511.22	211.77
11 44 19 00-0119	EA	Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart CLe (BDELRAX-STDDOM)	23,234.12	181.51
11 44 19 00-0120	EA	1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510)	3,634.50	150.35
11 44 19 00-0121	EA	20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200)	11,177.52	261.01
11 44 19 00-0122	EA	Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh)	17,890.93	211.77
11 44 19 00-0123	EA	27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012)	3,539.67	55.32
11 44 19 00-0124	EA	Remote Air-Cooled, Stainless Steel, Ice Maker (Hoshizaki America KM-2100)	16,922.71	234.91
11 44 19 00-0125	EA	Anti-microbial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3)	18,580.05	234.91
11 44 19 00-0126	EA	2,400 BTU, 1/3 HP, Air-Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c)	7,448.77	208.81
11 44 19 00-0127	EA	24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743)	1,513.34	104.78
11 44 19 00-0128	EA	3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	2,166.03	104.78
11 44 19 00-0129	EA	30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,519.77	104.78
11 44 19 00-0130	EA	15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	1,006.78	52.40
11 44 19 00-0131	EA	30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	436.41	78.58
11 44 19 00-0132	EA	22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,721.62	52.40
11 44 19 00-0133	EA	Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	32,480.03	156.60
11 44 19 00-0134	EA	Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	11,380.49	104.78
11 44 19 00-0135	EA	3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy-Duty Range (Montague 136-8)	16,508.35	143.56
11 44 19 00-0136	EA	3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy-Duty Range (Montague C36-8T)	16,584.31	143.56
11 44 19 00-0137	EA	36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	38,596.08	104.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0138	EA	24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	11,471.56	150.31
11 44 19 00-0139	EA	36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	14,086.25	177.49
11 44 19 00-0140	EA	225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	14,086.25	177.49
11 44 19 00-0141	EA	36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	14,086.25	177.49
11 44 19 00-0142	EA	63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	32,079.32	208.81
11 44 19 00-0143	EA	Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,279.70	251.70
11 44 19 00-0144	EA	Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	5,226.43	78.58
11 44 19 00-0145	EA	Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	14,105.03	240.57
11 44 19 00-0146	EA	92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	30,755.44	181.51
11 44 19 00-0147	EA	3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	18,174.84	52.40
11 44 19 00-0148	EA	52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,615.04	219.25
11 44 19 00-0149	EA	120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,561.48	219.25
11 44 19 00-0150	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM)	3,857.65	219.25
11 44 19 00-0151	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM)	5,421.58	219.25
11 44 19 00-0152	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM)	6,581.72	219.25
11 44 19 00-0153	EA	Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG)	49,774.90	104.41

11 44 19 00-0154 Charbroilers *(11 44 19)*

11 44 19 00-0155	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24)	927.10	104.78
11 44 19 00-0156	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15)	781.31	139.68
11 44 19 00-0157	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC)	544.97	104.78
11 44 19 00-0158	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24)	970.63	119.77
11 44 19 00-0159	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL)	1,581.02	119.77
11 44 19 00-0160	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC)	996.99	139.68
11 44 19 00-0161	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36)	1,268.27	139.68
11 44 19 00-0162	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL)	2,965.38	167.65
11 44 19 00-0163	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL)	2,978.94	167.65
11 44 19 00-0164	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL)	1,865.09	139.68
11 44 19 00-0165	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL)	4,213.28	167.65
11 44 19 00-0166	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL)	4,199.71	167.65
11 44 19 00-0167	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL)	3,955.56	167.65
11 44 19 00-0168	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48)	1,719.93	209.56
11 44 19 00-0169	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL)	3,401.88	209.56
11 44 19 00-0170	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG CPG)	2,113.29	209.56
11 44 19 00-0171	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL)	4,215.72	209.56

11 44 19 00-0172 Steam Jacketed Kettles *(11 44 19)*

11 44 19 00-0173	EA	12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T)	13,574.90	26.19
11 44 19 00-0174	EA	12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7)	12,072.81	26.19
11 44 19 00-0175	EA	3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T)	9,599.62	26.19
11 44 19 00-0176	EA	6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7)	10,008.79	26.19
11 44 19 00-0177	EA	60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL)	35,122.56	26.20
11 44 19 00-0178	EA	150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3)	61,908.31	104.78
11 44 19 00-0179	EA	100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/2403)	146,358.56	104.78
11 44 19 00-0180	EA	6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3)	32,206.42	104.78
11 44 19 00-0181	EA	6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3)	32,206.42	104.78
11 44 19 00-0182	EA	125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	59,009.59	104.78
11 44 19 00-0183	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T)	21,537.16	104.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0184	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/2403)	47,491.08	104.78
11 44 19 00-0185	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/2403)	59,444.21	104.78
11 44 19 00-0186	EA	60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/2403)	42,302.84	104.78
11 44 19 00-0187	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T)	39,029.51	104.78
11 44 19 00-0188	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/2403)	120,424.64	104.78
11 44 19 00-0189	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/2403)	124,254.45	104.78
11 44 19 00-0190	EA	100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP)	57,953.47	209.56
11 44 19 00-0191	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP)	40,421.11	209.56
11 44 19 00-0192	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP)	57,664.32	209.56
11 44 19 00-0193	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP)	47,920.69	209.56
11 44 19 00-0194	EA	40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	49,655.56	209.56
11 44 19 00-0195	EA	6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP)	20,913.85	209.56
11 44 19 00-0196	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	60,193.88	209.56
11 44 19 00-0197	EA	125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	59,882.92	209.56
11 44 19 00-0198	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP)	66,356.85	209.56
11 44 19 00-0199	EA	60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP)	44,967.41	209.56
11 44 19 00-0200	EA	12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP)	27,433.24	209.56
11 44 19 00-0201	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP)	145,691.60	209.56
11 44 19 00-0202	EA	80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP)	48,240.75	209.56
11 44 19 00-0203	EA	60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT)	60,193.88	209.56
11 44 19 00-0204	EA	60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT)	139,832.33	209.56
11 44 19 00-0205	EA	25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT)	45,974.87	209.56
11 44 19 00-0206	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT)	139,452.26	209.56
11 44 19 00-0207	EA	20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT)	47,547.89	209.56
11 44 19 00-0208	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT)	164,638.76	209.56
11 44 19 00-0209	EA	12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT)	25,010.98	209.56
11 44 19 00-0210	EA	80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT)	47,920.69	209.56
11 44 19 00-0211	EA	60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT)	47,657.01	209.56
11 44 19 00-0212	EA	40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT)	140,236.04	209.56
11 44 19 00-0213	EA	6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT)	20,913.85	209.56
11 44 19 00-0214	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT)	57,953.47	209.56
11 44 19 00-0215	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T)	20,044.60	209.56
11 44 19 00-0216	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT)	27,145.92	209.56
11 44 19 00-0217	EA	125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125)	47,451.51	209.56
11 44 19 00-0218	EA	200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200)	63,294.46	209.56
11 44 19 00-0219	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12)	24,727.29	209.56
11 44 19 00-0220	EA	12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6)	17,200.43	209.56
11 44 19 00-0221	EA	40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL)	18,278.81	209.56
11 44 19 00-0222	EA	60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH)	28,458.89	209.56
11 44 19 00-0223	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL)	21,288.47	209.56
11 44 19 00-0224	EA	40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40)	17,262.26	209.56
11 44 19 00-0225	EA	80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F)	42,916.12	209.56
11 44 19 00-0226	EA	80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T)	9,342.61	209.56
11 44 19 00-0227	EA	40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F)	30,239.22	209.56
11 44 19 00-0228	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T)	13,057.84	209.56
11 44 19 00-0229	EA	100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100)	32,661.49	209.56
11 44 19 00-0230	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60)	20,470.13	209.56
11 44 19 00-0231		Other Kettles *(11 44 19)*		
11 44 19 00-0232	EA	20 QT Trunion Kettle With Stand (Groen TDC/320)	4,825.36	120.24
11 44 19 00-0233	EA	40 QT Trunion Kettle With Stand (Groen TDA/140)	7,581.91	120.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 46 Food Dispensing Equipment *(11 40)*

11 46 13 Bar Equipment *(11 46)*

11 46 13 00-0001 Soft Serve Machines *(11 46 13)*

11 46 13 00-0002	EA	Soft Serve Machines, Medium	13,588.60	123.41
11 46 13 00-0003	EA	Soft Serve Machines, Large	22,926.83	150.76

11 46 13 00-0004 Salad Bars *(11 46 13)*

11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	12,854.24	465.96
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	11,790.47	465.96
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	8,290.69	256.01
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	6,556.82	210.32
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	9,960.79	308.56
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	10,971.80	273.33
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,709.54	46.30
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,819.23	46.30

11 46 16 Service Line Equipment *(11 46)*

11 46 16 00-0001 Food Warmer Holding Station *(11 46 16)*

11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	690.71	16.62

11 46 16 00-0003 Reach-In Food Warmers *(11 46 16)*

11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,486.36	35.78
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	3,401.47	81.94

11 46 16 00-0006 Countertop Food Warmer *(11 46 16)*

11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	201.82	28.68
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	175.37	28.68
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	563.01	28.68
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3)	385.01	28.68

11 46 16 00-0011 Hot Cabinets With Top Wells Electric *(11 46 16)*

11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	7,946.01	171.84
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	11,352.77	246.27

11 46 16 00-0014 Portable Hot Food Units *(11 46 16)*

11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	5,454.89	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	6,246.75	
11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	7,060.84	

11 46 16 00-0018 Stationary Hot Food Units *(11 46 16)*

11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,652.50	34.99
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,217.29	40.28
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,760.96	51.58

11 46 16 00-0022 Serving Counters *(11 46 16)*

11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	118.97	42.60
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	153.17	65.25

11 46 16 00-0025 Drop-In Equipment *(11 46 16)*

11 46 16 00-0026	EA	Hot Food Well, Rectangular	583.82	135.73
11 46 16 00-0027	EA	Hot Food Well, Circular	535.02	135.73
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	1,772.88	135.73
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,013.25	150.76
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	2,286.88	169.66
11 46 16 00-0031	EA	Frost Cold Plate	2,278.37	150.76

11 46 16 00-0032 Beverage Dispensing *(11 46 16)*

11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	3,714.55	216.12
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	5,290.67	302.52
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	1,530.36	216.12
11 46 16 00-0036	EA	Hot Chocolate Dispenser	1,490.71	178.01
11 46 16 00-0037	EA	Iced Tea Brewer	2,186.23	178.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	1,578.86	301.32
11 46 16 00-0039	EA	Jet Spray Dispenser	2,250.51	301.63
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	1,896.30	169.66
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	2,591.82	169.66
11 46 16 00-0042		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	2,016.68	28.68
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	772.79	37.40
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,325.91	116.28
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	479.47	26.19
11 46 16 00-0047		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	2,995.55	26.19
11 46 16 00-0049		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0050	EA	Butter Pat Dispenser	180.17	32.79
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	499.87	32.79
11 46 16 00-0052		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	3,752.05	132.60
11 46 16 00-0054		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	8,612.22	298.10
11 46 16 00-0056		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0057	EA	6' Open Service Stand	3,321.74	107.63
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	454.43	14.55
11 46 16 00-0059		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	2,901.16	102.94
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	4,768.64	154.28
11 46 16 00-0062		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	5,838.98	174.04
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	8,418.03	218.93
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	6,113.53	174.04
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	8,817.04	218.93
11 46 16 00-0067		**Mobile Heated Cabinets** *(11 46 16)*		
11 46 16 00-0068	EA	Mobile, Heated Cabinet	6,598.09	65.47
11 46 16 00-0069		**Smoothie Machine** *(11 46 16)*		
11 46 16 00-0070	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	364.58	28.68
11 46 16 00-0071	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T)	320.22	28.68
11 46 16 00-0072	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	387.34	28.68
11 46 16 00-0073	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	398.72	28.68
11 46 16 00-0074	EA	Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64)	212.98	28.68
11 46 16 00-0075		**Refrigerated Buffet Display Table** *(11 46 16)*		
11 46 16 00-0076	EA	35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N)	3,517.05	28.68
11 46 16 00-0077	EA	47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N)	4,659.72	28.68
11 46 16 00-0078	EA	59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N)	5,383.59	28.68
11 46 16 00-0079	EA	71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N)	6,305.06	28.68
11 46 16 00-0080		**Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0081	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW)	1,945.18	26.19
11 46 16 00-0082	EA	26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB)	2,229.23	26.19
11 46 16 00-0083	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW)	2,236.66	29.96

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0084	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB)	2,426.02	29.96
11 46 16 00-0085	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW)	2,426.02	29.96
11 46 16 00-0086	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB)	3,106.01	29.96
11 46 16 00-0087	EA	26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW)	3,106.01	29.96
11 46 16 00-0088	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW)	3,909.24	34.89
11 46 16 00-0089	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN)	4,965.34	34.89
11 46 16 00-0090	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN)	3,909.24	34.89
11 46 16 00-0091	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW)	4,965.34	34.89
11 46 16 00-0092	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW)	4,140.09	34.89
11 46 16 00-0093	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F)	4,140.09	34.89
11 46 16 00-0094	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN)	4,140.09	34.89
11 46 16 00-0095	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN)	4,399.26	34.89
11 46 16 00-0096	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW)	5,590.18	34.89
11 46 16 00-0097	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW)	4,399.26	34.89
11 46 16 00-0098	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD)	5,265.38	34.89
11 46 16 00-0099	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN)	5,590.18	34.89
11 46 16 00-0100	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW)	5,920.94	34.89
11 46 16 00-0101	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW)	4,659.04	34.89
11 46 16 00-0102	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD)	5,576.76	34.89
11 46 16 00-0103	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN)	5,920.94	34.89
11 46 16 00-0104	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN)	4,659.04	34.89
11 46 16 00-0105	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW)	6,125.83	34.89
11 46 16 00-0106	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD)	5,769.72	34.89
11 46 16 00-0107	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN)	6,125.83	34.89
11 46 16 00-0108	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN)	6,125.83	34.89
11 46 16 00-0109	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD)	6,111.52	34.89
11 46 16 00-0110	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB)	1,968.95	38.14
11 46 16 00-0111	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW)	6,495.39	38.14
11 46 16 00-0112	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW)	5,110.92	38.14
11 46 16 00-0113	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW)	5,259.72	34.89
11 46 16 00-0114	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN)	2,394.04	38.14
11 46 16 00-0115	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN)	6,708.94	38.14
11 46 16 00-0116	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN)	6,708.94	38.14
11 46 16 00-0117	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN)	6,708.94	38.14
11 46 16 00-0118	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN)	5,463.80	38.14
11 46 16 00-0119	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN)	8,074.33	38.14
11 46 16 00-0120	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN)	8,074.33	38.14
11 46 16 00-0121	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN)	8,074.33	38.14
11 46 16 00-0122	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN)	6,278.70	38.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0123	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN)	8,201.08	38.14
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN)	15,473.53	38.14
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN)	15,473.53	38.14
11 46 16 00-0126	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN)	8,576.18	41.90

11 46 16 00-0127 Dry Bakery Display Case *(11 46 16)*

11 46 16 00-0128	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B)	1,701.21	26.19
11 46 16 00-0129	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W)	1,701.21	26.19
11 46 16 00-0130	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B)	1,884.51	26.19
11 46 16 00-0131	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W)	1,884.51	26.19
11 46 16 00-0132	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B)	2,166.90	29.96
11 46 16 00-0133	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W)	2,579.33	29.96
11 46 16 00-0134	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B)	2,524.34	29.96
11 46 16 00-0135	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W)	2,524.34	29.96
11 46 16 00-0136	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN)	5,282.53	34.89
11 46 16 00-0137	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW)	10,495.19	34.89
11 46 16 00-0138	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN)	6,383.44	41.90
11 46 16 00-0139	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD)	5,124.35	38.14
11 46 16 00-0140	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD)	5,124.35	38.14
11 46 16 00-0141	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD)	5,124.35	38.14
11 46 16 00-0142	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD)	5,124.35	38.14
11 46 16 00-0143	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD)	5,329.19	38.14
11 46 16 00-0144	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD)	5,329.19	38.14
11 46 16 00-0145	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD)	5,762.11	41.90
11 46 16 00-0146	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD)	5,762.11	41.90

11 46 16 00-0147 Dual Dry/Refrigerated Bakery Display Case *(11 46 16)*

11 46 16 00-0148	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON)	16,797.26	38.14
11 46 16 00-0149	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN)	16,797.26	38.14
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN)	16,797.26	38.14
11 46 16 00-0151	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN)	16,804.91	41.90
11 46 16 00-0152	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN)	17,249.16	41.90

11 46 16 00-0153 Refrigerated Deli Case *(11 46 16)*

11 46 16 00-0154	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN)	7,961.24	139.68
11 46 16 00-0155	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN)	7,961.24	139.68
11 46 16 00-0156	EA	30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN)	9,111.03	139.68
11 46 16 00-0157	EA	30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN)	9,111.03	139.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0158	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB)	1,893.36	83.83
11 46 16 00-0159	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS)	2,056.57	83.83
11 46 16 00-0160	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW)	1,893.36	83.83
11 46 16 00-0161	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB)	2,150.02	104.78
11 46 16 00-0162	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS)	2,330.41	104.78
11 46 16 00-0163	EA	32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW)	2,529.14	139.68
11 46 16 00-0164	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB)	2,529.14	139.68
11 46 16 00-0165	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS)	2,846.97	139.68
11 46 16 00-0166	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW)	2,219.91	139.68
11 46 16 00-0167	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB)	2,752.48	139.68
11 46 16 00-0168	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW)	2,752.48	139.68
11 46 16 00-0169	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS)	3,018.77	139.68

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001 Carbonated Beverage Dispensing *(11 46 19)*

11 46 19 00-0002	EA	Carbonated Beverage Dispenser	4,042.81	424.19
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 Lb. Ice	6,443.36	484.75
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 Lb. Ice	11,880.38	678.63

11 46 19 00-0005 Beverage Chilling Systems *(11 46 19)*

11 46 19 00-0006	EA	Beverage Chiller, Small	7,623.89	371.48
11 46 19 00-0007	EA	Beverage Chiller, Large	14,249.95	557.27

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Undercounter Ice Machines With Bin *(11 46 83)*

11 46 83 00-0002	EA	53 Lb./Day, Air-Cooled Undercounter Octagonal Cube Ice Machine With 25 Lb. Capacity Bin (Manitowoc SM-50A 115/60/1)	2,426.47	26.19
11 46 83 00-0003	EA	85 Lb./Day, Air-Cooled Undercounter Pearl/Nugget Ice Machine With 22 Lb. Capacity Bin (Ice-O-Matic GEMU090)	3,886.86	182.71
11 46 83 00-0004	EA	137 Lb./Day, Air-Cooled Undercounter Half Dice Cube Ice Machine With 90 Lb. Capacity Bin (Manitowoc UYF0140A)	2,961.51	182.71
11 46 83 00-0005	EA	100 Lb./Day, Undercounter, Air-Cooled Ice Machine With 57 Lb. Capacity Bin (Scotsman CU0920MA)	2,890.74	182.71
11 46 83 00-0006	EA	227 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2024SA)	3,113.87	195.76
11 46 83 00-0007	EA	282 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2724SA)	3,482.96	195.76

11 46 83 00-0008 Ice Cube Maker *(11 46 83)*

11 46 83 00-0009	EA	320 Lb./Day, Modular Ice Maker Without Bin	4,207.37	195.76
11 46 83 00-0010	EA	451 Lb./Day, Modular Ice Maker Without Bin	4,572.90	208.81
11 46 83 00-0011	EA	600 Lb./Day, Modular Ice Maker Without Bin	5,241.96	208.81
11 46 83 00-0012	EA	901 Lb./Day, Modular Ice Maker Without Bin	7,511.15	221.86
11 46 83 00-0013	EA	1301 Lb./Day, Modular Ice Maker Without Bin	8,529.70	221.86
11 46 83 00-0014	EA	1601 Lb./Day, Modular Ice Maker Without Bin	10,289.85	234.91
11 46 83 00-0015	EA	1900 Lb./Day, Modular Ice Maker Without Bin	11,372.28	234.91

11 46 83 00-0016 Ice Flakers *(11 46 83)*

11 46 83 00-0017	EA	300 Lb./Day, Ice Flakers	5,843.10	605.40
11 46 83 00-0018	EA	600 Lb./Day, Ice Flakers	10,569.58	968.63
11 46 83 00-0019	EA	1,000 Lb./Day, Ice Flakers	13,083.21	1,331.88
11 46 83 00-0020	EA	2,000 Lb./Day, Ice Flakers	15,962.55	1,452.96

11 46 83 00-0021 Ice Storage Bins *(11 46 83)*

11 46 83 00-0022	EA	260 Lb. Capacity, Stainless Steel Ice Storage Bin	1,713.49	157.17
11 46 83 00-0023	EA	360 Lb. Capacity, Stainless Steel Ice Storage Bin	1,877.03	157.17
11 46 83 00-0024	EA	550 Lb. Capacity, Stainless Steel Ice Storage Bin	2,339.31	170.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 83 00-0025	EA	660 Lb. Capacity, Stainless Steel Ice Storage Bin	2,521.03	170.27
11 46 83 00-0026	EA	1,150 Lb. Capacity, Stainless Steel Ice Storage Bin	4,818.57	183.37

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001 Rack Type Dishwasher *(11 48 13)*

11 48 13 00-0002	EA	Dishwasher, 1 Tank And 190 To 230 Racks/Hour	29,569.65	1,028.58
11 48 13 00-0003	EA	Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	48,430.72	1,270.61
11 48 13 00-0004	EA	Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	57,940.95	1,452.12

11 48 13 00-0005 Exhaust Hood Dishwasher *(11 48 13)*

11 48 13 00-0006	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,601.23	245.24
11 48 13 00-0007	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,462.25	294.29

11 48 13 00-0008 Dish Tables *(11 48 13)*

11 48 13 00-0009	EA	2' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	445.70	92.51
11 48 13 00-0010	EA	3' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	482.91	101.70
11 48 13 00-0011	EA	4' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	585.90	111.45
11 48 13 00-0012	EA	5' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	655.49	122.60
11 48 13 00-0013	EA	6' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	729.48	133.74
11 48 13 00-0014	EA	7' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean/Soiled Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	802.44	147.68
11 48 13 00-0015	EA	8' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Clean Dish Table Extension Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet.	916.12	161.61
11 48 13 00-0016	EA	3' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	614.13	139.31
11 48 13 00-0017	EA	4' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	712.39	153.25
11 48 13 00-0018	EA	5' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	771.05	167.19
11 48 13 00-0019	EA	6' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	875.99	183.90
11 48 13 00-0020	EA	7' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	1,087.71	203.41
11 48 13 00-0021	EA	8' Long x 30" Front To Back x 44-3/4" Height, 16 Gauge 304 Stainless Steel, Soiled Dish Table Extension With 6" Bowl Depth x 20-1/4" x 20-1/4" Sink Note: Includes 10-3/4" high backsplash, 2" return for drainage, 1-5/8" diameter stainless steel legs with stainless steel sockets, gusset channel, and bullet feet. Excludes faucet and drain.	1,148.72	222.91

11 48 13 00-0022 Undercounter Type Dishwasher *(11 48 13)*

11 48 13 00-0023	EA	High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,574.45	211.77
11 48 13 00-0024	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Noble WF-UL30-NO-115)	4,939.40	209.56
11 48 13 00-0025	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Jackson DISHSTAR LT UNDERCOUNTER)	7,418.60	209.56
11 48 13 00-0026	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, High Temperature Undercounter Dishwasher (Noble WF-UH30-FND-NO)	5,298.02	209.56
11 48 13 00-0027	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, High Temperature Undercounter Dishwasher (Jackson DISHSTAR HT)	7,732.01	209.56
11 48 13 00-0028	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230V, 1 Phase, Energy Efficient High Temperature Undercounter Dishwasher (Jackson DISHSTAR HTE)	8,043.86	209.56
11 48 13 00-0029	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson DSTR HT-SEER)	9,272.55	209.56
11 48 13 00-0030	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson TEMPSTAR-HH VER)	21,260.07	209.56
11 48 13 00-0031	EA	0.74 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher (Hobart LXEH-2)	11,970.32	209.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0032	EA	0.62 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher With Energy Recovery (Hobart LXER-2)	12,827.49	209.53
11 48 13 00-0033		Sprays And Hoses *(11 48 13)*		
11 48 13 00-0034		Sprays, Fillers *(11 48 13 00-0033)*		
11 48 13 00-0035	EA	Pre-Rinse Spray	481.42	88.14
11 48 13 00-0036	EA	Kettle Fillers	420.41	88.14
11 48 13 00-0037		Hoses *(11 48 13 00-0033)*		
11 48 13 00-0038	EA	Hose Reel	577.70	105.82
11 48 13 00-0039	EA	Wash-Down Hose	455.68	105.82
11 48 13 00-0040	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,456.86	
11 48 13 00-0041		Commercial Dishwashers *(11 48 13)*		
11 48 13 00-0042	EA	1.16 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, Single Rack, Low Temperature Glass Washer/Dishwasher (Noble WF-DG-E-NO 115/1)	6,043.37	558.80
11 48 13 00-0043	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Dishwasher (Noble WF-HT180-D-7-NO)	10,006.96	209.56
11 48 13 00-0044	EA	1.02 Gallons Per Rack, 120 Degrees Fahrenheit, 115 Volt, Single Rack, Low Temperature Door-Type Dish Machine (Noble WF-I-E-NO 115)	5,388.93	644.82
11 48 13 00-0045	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 115 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG-115-NO)	6,186.80	209.56
11 48 13 00-0046	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 208 To 230 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG NOBLE LABEL)	6,186.80	209.56
11 48 13 00-0047	EA	1.61 Gallons Per Rack, 140 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble 1-HH-NO)	6,059.41	644.82
11 48 13 00-0048	EA	1.36 Gallons Per Rack, 140 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Functionality, High Temperature Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO)	12,670.63	644.82
11 48 13 00-0049	EA	1.561 Gallons Per Rack, 145 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble WF-I-E-A-LTH-NO)	7,681.03	644.82
11 48 13 00-0050	EA	1.02 Gallons Per Rack, 145 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Benefit, Low Temperature Door Type Dishwasher (Noble WF-IE-LTH-NO)	7,509.51	644.82
11 48 13 00-0051	EA	0.75 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, Door Type Dishwasher High Hood With Electric Booster Heater (Jackson TEMPSTAR-HH)	17,742.87	644.82
11 48 13 00-0052	EA	1.17 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 115 Volt, Double Rack Low Temperature Dishwasher (Noble WF-II-NO)	7,525.10	644.82
11 48 13 00-0053	EA	1.36 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 3 Phase, High Temperature Dual Functionality Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO)	12,670.63	644.82
11 48 13 00-0054	EA	60 Second Wash Cycle Time, 8 Gallon Tank, Single Cycle, Select Single Rack High/Low Temperature, Straight/Corner Dishwasher (Noble HT-180EC1)	8,320.32	644.82
11 48 13 00-0055	EA	4 Cycles, 40 Racks Per Hour, 60 To 360 Second Wash Cycle Time, 14 Gallon, 208-240 Volt, 1 Phase, Ventless High Temperature Dishwasher With Booster Heater (Hobart AM15VL-6)	29,108.08	644.82
11 48 13 00-0056	EA	208-240 Volt, 3 Phase, Ventless, Tall High Temperature Dishwasher With Booster Heater (Hobart AM15VLT-2)	34,388.42	644.82
11 48 13 00-0057	EA	208/230 Volt, 3 Phase, 0.89 Gallons Per Rack, 110 Degrees Fahrenheit, Multi Cycle, High Temperature Dishwasher (Noble WF-HT180-A-7-NO)	10,877.49	644.82
11 48 16		**Foodservice Disposal Equipment** *(11 48)*		
11 48 16 00-0001		Garbage Disposals *(11 48 16)*		
		Note: Manual switch.		
11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,669.96	163.36
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,108.71	169.41
11 48 16 00-0004	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,264.44	175.46
11 48 16 00-0005	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,963.52	181.51
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,231.67	199.67
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,560.32	217.82
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	5,449.24	242.02
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,590.21	260.17
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	9,999.50	272.27
11 48 16 00-0011		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	6,625.70	252.07

11 50 Educational and Scientific Equipment *(11)*

11 51 Library Equipment *(11 50)*

11 51 19 Book Theft Protection Equipment *(11 51)*

11 51 19 00-0001		LA DPW Book Detection System *(11 51 19)*		
11 51 19 00-0002	EA	Dual Corridor Book Detection System, 36" Corridor, Buried Cable With Closed Panels (3M 3902, Dual, 36" BC, Closed Panel) Note: Designer Series Insert: Eclipse or Courier. Pedestal Color: Silver or Black. Excludes any accessory items (sensitizers, desensitizers, bookchecks, selfchecks, strips, etc.). Blockouts, conduit, concrete fill, electrical service and all other site prep for system and electronics enclosure to be by others.	72,468.08	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001 Screens *(11 52 13 13)*

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*

11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	385.03	80.84
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	457.84	103.93
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	576.81	144.34
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	666.92	173.22
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	1,034.38	259.82
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,221.61	288.69
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	884.26	184.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	1,009.00	230.96
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	549.18	98.16
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	759.51	138.57
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	826.51	155.90
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	881.98	167.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	1,016.02	202.09
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	835.79	144.34
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	946.73	167.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0018 Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*

11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	911.06	103.93
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	1,062.40	144.34
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,231.08	196.31
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,422.86	259.82
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,563.89	265.59
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,674.83	288.69
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,707.21	288.69
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,838.97	306.02
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	1,970.73	323.34
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	2,114.03	346.43
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	2,373.02	346.43
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,733.47	461.90
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,709.86	144.34
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,910.91	196.31
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,102.69	259.82
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,211.35	265.59
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,354.67	288.69
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,387.04	288.69
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,518.80	306.02
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,574.26	317.56
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,890.99	346.43
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,182.34	346.43
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,607.54	461.90
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0043		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol)** *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,572.03	129.91
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,628.49	144.34
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,738.66	173.22
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,149.17	259.82
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,226.93	265.59
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,424.88	288.69
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,493.86	288.69
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,666.72	308.90
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,880.45	323.34
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,017.70	346.43
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,141.86	346.43
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,588.04	461.90
11 52 13 13-0056		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol)** *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,193.03	346.43
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,682.98	461.90
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,287.60	519.65
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,726.81	577.39
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,281.50	692.86
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	10,368.16	750.60
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,357.73	808.34
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,005.19	808.34
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,915.96	923.82
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,986.81	750.60
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,656.97	923.82
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	13,211.66	1,039.29
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,749.76	808.34
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	16,448.96	1,039.29
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0071		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol)** *(11 52 13 13-0001)*		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	5,759.99	129.91
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	5,885.98	144.34
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,008.47	173.22
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,408.30	259.82
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,484.58	265.59
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,725.02	288.69
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,919.26	288.69
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,056.79	308.90
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,247.52	323.34
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,423.21	346.43
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,487.95	346.43
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	8,042.64	461.90
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	8,618.34	490.78
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	8,999.81	519.65
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	9,827.50	577.39
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,220.32	692.86
11 52 13 13-0088		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol)** *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,775.85	129.91
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,878.92	158.79
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,936.92	173.22
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,204.02	259.82
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,244.70	265.59
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,413.92	288.69
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,585.49	288.69
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,855.75	308.90
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,929.94	323.34
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,115.34	346.43
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,101.33	404.17
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,670.03	461.90
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,339.93	490.78
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,705.22	519.65
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,419.60	577.39
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,786.51	692.86
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	10,662.76	750.60
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,318.87	808.34
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,791.51	808.34
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	13,032.50	923.82
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	4,936.92	173.22
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,146.27	230.96
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,233.16	259.82
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,962.32	323.34
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,370.02	404.17
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	7,892.65	519.65
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,369.65	635.12
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	14,768.77	866.08
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,162.46	230.96
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,281.72	259.82
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,410.24	277.15
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,485.57	300.24
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,806.93	323.34
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,247.00	404.17
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	7,805.25	519.65
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,013.87	635.12
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	10,944.40	750.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0126		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol)** *(11 52 13 13-0001)*		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,069.11	129.91
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,164.20	144.34
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,271.60	173.22
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,615.89	259.82
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,682.62	265.59
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	5,847.46	288.69
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	6,032.33	288.69
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	6,191.38	308.90
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	6,308.55	323.34
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	6,495.46	346.43
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	6,685.84	346.43
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	7,076.84	461.90
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0139		**Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol)** *(11 52 13 13-0001)*		
		Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	14,753.53	288.69
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	15,775.44	346.43
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	18,323.23	519.65
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	23,072.40	692.86
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	25,569.47	808.34
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	15,659.97	288.69
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	17,102.73	346.43
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	18,092.28	404.17
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	22,725.96	519.65
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0149		**Electric Rear Projection Screen (Da-Lite DA-View)** *(11 52 13 13-0001)*		
		Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	4,800.90	288.69
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,032.48	317.56
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,911.92	346.43
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	12,486.75	375.30
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	13,835.73	13,431.56
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	15,359.83	461.90
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	19,701.16	519.65
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	26,624.97	577.39
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	29,792.46	635.12
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	39,885.65	692.86
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0160		**Screen Accessories** *(11 52 13 13-0001)*		
11 52 13 13-0161		**Manual Pull Down Accessories** *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	75.59	8.66
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	107.96	9.24
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	127.39	10.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0165		**Electric Powered Screen Accessories** *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	802.56	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	1,158.67	
11 52 13 13-0168		**Projection Screens, Frames, Masking And Hardware** *(11 52 13 13)*		
11 52 13 13-0169		**Projection Screens** *(11 52 13 13-0168)* Note: Dimensions given in height x width.		
11 52 13 13-0170	EA	9' x 12' Matt White Manual Projection Screen With AutoReturn Roller (Draper Luma 2)	1,719.15	51.72
11 52 13 13-0171	EA	12' x 12' Matt White Manual Projection Screen With AutoReturn Roller (Draper Luma 2)	1,804.55	68.96
11 52 13 13-0172	EA	9' x 9' Matt White Motorized Projection Screen (Draper Targa)	1,807.92	46.09
11 52 13 13-0173	EA	9' x 12' Matt White Motorized Projection Screen (Draper Targa)	2,045.50	51.72
11 52 13 13-0174	EA	12' x 12' Matt White Motorized Projection Screen (Draper Targa)	3,209.62	68.96
11 52 13 13-0175	EA	12' x 16' Matt White Motorized Projection Screen (Draper Targa)	4,572.59	86.20
11 52 13 13-0176	EA	14' x 14' Matt White Motorized Projection Screen (Draper Targa)	3,989.05	77.58
11 52 13 13-0177	EA	16' x 16' Matt White Motorized Projection Screen (Draper Targa)	4,764.72	103.45
11 52 13 13-0178	EA	15' x 20' Matt White Motorized Projection Screen (Draper Paragon)	7,726.93	120.69
11 52 13 13-0179	EA	20' x 20' Matt White Motorized Projection Screen (Draper Paragon)	8,256.15	137.93
11 52 13 13-0180	EA	11' x 22' Matt White Motorized Projection Screen (Draper Paragon)	7,877.83	112.07
11 52 13 13-0181	EA	16'-6"' x 22' Matt White Motorized Projection Screen (Draper Paragon)	8,173.05	137.93
11 52 13 13-0182	EA	22' x 22' Matt White Motorized Projection Screen (Draper Paragon)	8,440.17	155.17
11 52 13 13-0183	EA	8'-6" To 16' Positioning Pole (ADC PP-1)	400.95	
11 52 13 13-0184		**Replacement Surface Only, Projection Screen Fabric** *(11 52 13 13-0168)*		
11 52 13 13-0185	EA	9' x 12' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	1,933.49	68.96
11 52 13 13-0186	EA	12' x 12' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	2,439.92	68.96
11 52 13 13-0187	EA	12' x 16' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	3,115.17	68.96
11 52 13 13-0188		**Lace And Grommet Projection Screen Fabric** *(11 52 13 13-0168)*		
11 52 13 13-0189	SF	Lace And Grommet Matte White, Projection Screen Fabric (Draper)	19.13	1.50
11 52 13 13-0190	LF	Lace And Grommet Projection Screen Cord	2.02	
11 52 13 13-0191		**Wood Frame For Side Black Masking** *(11 52 13 13-0168)*		
11 52 13 13-0192	EA	Up To 13' x 17' Image Size, Side Black Masking Wood Frame And Fabric (4 Sides) Note: Includes 1" x 3" lumber, hardware, FP Commando Fabric and shop labor.	4,133.59	68.96
11 52 13 13-0193	EA	Up To 13' x 17' Image Size, Side Black Masking Fabric (4 Sides) Note: FP Commando Fabric installed on existing wood frame where wood frame is attached to existing steel frame.	1,399.68	34.48
11 52 13 13-0194		**Flown Type Projection Screen Frame** *(11 52 13 13-0168)*		
11 52 13 13-0195	EA	2" x 2" Steel Angle Flown Type Projection Screen Frame (4 Sides), Up To 13' x 17' Image Size Note: Includes assembly, hanging hardware and shop labor.	4,902.92	68.96
11 52 13 13-0196	EA	1-1/2" Inside Diameter Schedule 40 Aluminum Pipe Flown Type Projection Screen Frame (4 Sides) With Hollaender Speed Rail Fittings (Rated), Up To 13' x 17' Image Size Note: Includes assembly, hanging hardware and shop labor.	5,248.22	68.96
11 52 13 13-0197		**Relocate Existing Fixed Projection Screen** *(11 52 13 13)*		
11 52 13 13-0198	EA	Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,698.19	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		**Projection Screen And Case** *(11 52 13 16)*		
11 52 13 16-0002	EA	9' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,201.89	229.88
11 52 13 16-0003	EA	12' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,218.33	229.88
11 52 13 16-0004	EA	9' x 9' Non-Tensioned Electric Projection Screen (Draper Targa)	2,313.07	229.88
11 52 13 16-0005	EA	9' x 12' Non-Tensioned Electric Projection Screen (Draper Targa)	2,528.24	229.88
11 52 13 16-0006	EA	12' x 12' Non-Tensioned Electric Projection Screen (Draper Targa)	3,623.40	229.88
11 52 13 16-0007	EA	12' x 16' Non-Tensioned Electric Projection Screen (Draper Targa)	4,917.40	229.88
11 52 13 16-0008	EA	14' x 14' Non-Tensioned Electric Projection Screen (Draper Targa)	4,368.34	229.88
11 52 13 16-0009	EA	16' x 16' Non-Tensioned Electric Projection Screen (Draper Targa)	5,040.57	229.88
11 52 13 16-0010	EA	15' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon)	7,933.82	229.88
11 52 13 16-0011	EA	20' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,394.07	229.88
11 52 13 16-0012	EA	11' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,119.20	229.88
11 52 13 16-0013	EA	16'-6" x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,310.97	229.88
11 52 13 16-0014	EA	22' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,509.13	229.88
11 52 13 16-0015	EA	Projection Screen Hanger Assembly Unit Note: Includes beam clamp, 1/4" cable tail, 8' long, 3/8" x 6" eye and jaw turnbuckle and #1715 pipe clamp (for 1-1/2" inside diameter pipe batten).	198.30	28.73
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0001		**Projectors** *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,393.95	57.74
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,617.68	57.74
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	2,145.06	57.74
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,391.57	57.74
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,950.91	57.74
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	5,021.64	57.74
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,994.10	57.74
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	10,838.72	57.74
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	16,096.47	57.74
11 52 16 26-0011		**Projector Mounts** *(11 52 16 26)*		
11 52 16 26-0012		**Universal Projector Mounts** *(11 52 16 26-0011)*		
		Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	292.67	63.48
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	491.06	63.48
11 52 16 26-0015		**Projector Mount Components** *(11 52 16 26-0011)*		
		Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		**Ceiling Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	104.88	28.85
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	145.60	28.85
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	205.87	28.85
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	254.07	28.85
11 52 16 26-0021		**Projector Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	384.14	28.85
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	858.80	28.85
11 52 16 26-0024		**Threaded Extension Columns For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0025		**Fixed Length, Threaded Extension Column For Projector Mounts** *(11 52 16 26-0024)*		
		Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	65.02	8.65
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	85.12	8.65
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	92.65	8.65
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	97.67	8.65
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	116.00	11.54
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	141.11	11.54
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	181.29	11.54
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	208.92	11.54
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	244.82	14.43
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	279.98	14.43
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	310.86	17.31
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	325.93	17.31
11 52 16 26-0038		**Adjustable Length, Threaded Extension Columns For Projector Mounts** *(11 52 16 26-0024)*		
		Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	134.32	14.43
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	209.66	14.43
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	214.69	14.43
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	222.22	14.43
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	240.55	17.31
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	253.10	17.31
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	280.73	17.31
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	305.84	17.31
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	339.23	20.20
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	364.35	20.20
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	397.74	23.08
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	415.32	23.08
11 52 19		**Players and Recorders** *(11 52)*		
11 52 19 00-0001		**Mounts** *(11 52 19)*		
11 52 19 00-0002	EA	50 Lb. Load Capacity VCR Mount (Peerless DS25)	132.29	14.43
11 52 19 00-0003	EA	80 Lb. Load Capacity Articulating Wall Arm For 22" To 40" Flat Screen TV (Peerless PA740)	193.33	17.31
11 52 33		**Interactive Displays** *(11 52)*		
11 52 33 00-0001		**Television Monitors And Panels** *(11 52 33)*		
		Note: Excludes wall or ceiling mounts See CSI section 11 52 33 00-0019 for television mounting.		
11 52 33 00-0002	EA	27" HD Television, LCD, 1080 DPI, 60 Hertz	718.05	20.95
11 52 33 00-0003	EA	32" HD Television, LCD, 720 DPI, 60 Hertz	788.05	23.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0004	EA	32" HD Television, LCD, 1080 DPI, 120 Hertz	1,070.76	26.19
11 52 33 00-0005	EA	32" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,080.60	26.19
11 52 33 00-0006	EA	40" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,223.81	28.81
11 52 33 00-0007	EA	46" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,437.31	31.43
11 52 33 00-0008	EA	50" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,791.41	34.05
11 52 33 00-0009	EA	55" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,142.88	34.05
11 52 33 00-0010	EA	60" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,496.99	36.68
11 52 33 00-0011	EA	65" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	3,026.82	39.30
11 52 33 00-0012	EA	75" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	4,786.80	41.91
11 52 33 00-0013	EA	46" 3D Television, LED, 1080 DPI, 240 Hertz	2,202.28	31.43
11 52 33 00-0014	EA	55" 3D Television, LED, 1080 DPI, 240 Hertz	3,073.25	34.05
11 52 33 00-0015	EA	60" 3D Television, LED, 1080 DPI, 240 Hertz	4,161.32	36.68
11 52 33 00-0016	EA	65" 3D Television, LED, 1080 DPI, 240 Hertz	4,381.03	39.30
11 52 33 00-0017	EA	75" 3D Television, LED, 1080 DPI, 240 Hertz	6,551.90	39.30
11 52 33 00-0018	EA	86" Interactive LED Panel (SMARTBOARD SPNL-7086)	19,959.86	41.91
11 52 33 00-0019		**Flat Panel Display Mounting** *(11 52 33)* Note: Includes anchors, bolts and hardware. Excludes blocking in walls or ceiling.		
11 52 33 00-0020	EA	Swivel Wall Mounts For 10" To 30" Flat Panel Displays Note: 2.6" To 16.6" swing arm extension, 12-degrees tilt	416.05	115.25
11 52 33 00-0021	EA	Premium Swivel Wall Mounts For 23" To 37" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15-degrees tilt	654.62	144.06
11 52 33 00-0022	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15-degrees tilt	670.40	172.88
11 52 33 00-0023	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays With Extra Wide 24" Back Plate Note: 4.5" To 20.3" swing arm extension, 15-degrees tilt	716.89	172.88
11 52 33 00-0024	EA	Swivel Wall Mounts For 32" To 50" Flat Panel Displays Note: 4.5" To 26.2" swing arm extension, 15-degrees tilt	716.89	172.88
11 52 33 00-0025	EA	Full Motion Wall Mounts For 13" To 26" Flat Panel Displays Note: 8" Extension	392.86	115.25
11 52 33 00-0026	EA	Full Motion Wall Mounts For 26" To 40" Flat Panel Displays Note: 9.7" Extension	543.27	144.06
11 52 33 00-0027	EA	Full Motion Wall Mounts For 32" To 56" Flat Panel Displays Note: 10.2" Extension	948.86	172.88
11 52 33 00-0028	EA	Full Motion Wall Mounts For 42" To 84" Flat Panel Displays Note: 20" Extension	1,370.95	201.69
11 52 33 00-0029	EA	Low Profile Tilting Wall Mounts For 26" To 40" Flat Panel Displays	496.88	144.06
11 52 33 00-0030	EA	Low Profile Tilting Wall Mounts For 32" To 70" Flat Panel Displays	589.67	144.06
11 52 33 00-0031	EA	Low Profile Tilting Wall Mounts For 75" Flat Panel Displays	693.08	172.88
11 52 33 00-0032	EA	Low Profile Wall Mounts For 26" To 40" Flat Panel Displays	404.09	144.06
11 52 33 00-0033	EA	Low Profile Wall Mounts For 40" To 70" Flat Panel Displays	473.68	144.06
11 52 33 00-0034	EA	Low Profile Wall Mounts For 75" Flat Panel Displays	562.83	172.88
11 52 33 00-0035	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 50" Flat Panel Displays, 39" To 63" Extension From Ceiling Note: 360 degree rotation, 15-degree tilt.	677.99	230.50
11 52 33 00-0036	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 70" Flat Panel Displays, 18" To 31" Extension From Ceiling Note: 360 degree rotation, 15-degree tilt.	808.24	230.50
		For 28" To 41" Extension Pole, Add	*45.38*	
		For 38" To 51" Extension Pole, Add	*57.79*	
		For 48" To 61" Extension Pole, Add	*66.06*	
11 52 33 00-0037	EA	VMP Full Motion (Rotates And Tilts) Ceiling Mounts For 37" To 80" Flat Panel Displays, 15" To 37" Extension From Ceiling Note: 360 degree rotation, 15-degree tilt.	853.73	230.50
11 52 33 00-0038	EA	32" To 50" Display, Flat Wall Monitor Mount (Peerless SFL646)	229.23	39.77
11 52 33 00-0039	EA	39" To 75" Display, Flat Wall Monitor Mount (Peerless SFL670)	308.59	39.77
11 52 33 00-0040	EA	60" To 95" Display, Flat Wall Monitor Mount (Peerless SF680)	692.69	39.77
11 52 33 00-0041	EA	32" To 50" Display, Tilting Wall Monitor Mount (Peerless STL646)	295.78	39.77
11 52 33 00-0042	EA	39" To 75" Display, Tilting Wall Monitor Mount (Peerless STL670)	355.53	39.77
11 52 33 00-0043	EA	32" To 50" Display, Articulating Wall Monitor Mount (Peerless SA746PU)	782.93	39.77
11 52 33 00-0044	EA	50" To 80" Display, Articulating Wall Monitor Mount (Peerless SA763PU)	1,455.11	39.77
11 52 33 00-0045	EA	32" To 65" Display, Flat Panel Ceiling Mount With 33" Extension Column (Peerless PLCM-UN1)	1,075.73	39.77
11 52 33 00-0046	EA	Suspended Ceiling Attachment Plate For TV Ceiling Mount (Peerless CMJ450)	403.41	18.06
11 52 33 00-0047	EA	Structural Concrete Ceiling Attachment Plate For TV Ceiling Mount (Peerless CMJ470)	224.16	18.06
11 52 33 00-0048		**Audio/Video Components** *(11 52 33)*		
11 52 33 00-0049	EA	MLC 104 IP Plus MLC - MediaLink™ Controller with IP Link® Ethernet Control, White (Extron Electronics #60-818-03)	1,639.39	86.43
11 52 33 00-0050	EA	MLC 226 IP Enhanced MLC - MediaLink™ Controller with IP Link® Ethernet Control, Black (Extron Electronics #60-600-02)	2,231.38	86.43
11 52 33 00-0051	EA	MPA 152 MPA 152 - Stereo Power Amplifier (Extron Electronics #60-844-01)	501.62	28.81
11 52 33 00-0052	EA	MPA 401-70 Volt, 70 Volt Mono Power Amplifier - 40 Watt (Extron Electronics #60-845-01)	582.35	28.81
11 52 33 00-0053	EA	MLS 406 Six Input MLS - MediaLink™ Switcher with Variable Preamplifier Audio Output Variable Preamp Audio Output (Extron Electronics #60-560-01)	2,369.73	115.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0054	EA	MLS 406MA Six Input MLS - MediaLink™ Switcher with Mono Audio Amplifier Mono Audio Amplifier (Extron Electronics #60-560-02)	2,638.81	115.25
11 52 33 00-0055	EA	MLS 406SA Six Input MLS - MediaLink™ Switcher with Stereo Audio Amplifier Stereo Audio Amplifier (Extron Electronics #60-560-03)	2,638.81	115.25
11 52 33 00-0056	EA	Wall Plate VGA 3.5 RJ-45 Passthru (Liberty Cable #PC-G1600-E-P-C)	165.67	14.41
11 52 33 00-0057	EA	DVD/VCR Combo (Toshiba #SD V296)	169.27	
11 52 33 00-0058	EA	DVD/VCR Combo (Toshiba #SD V392)	171.59	
11 52 33 00-0059	EA	DVDr/VCR Combo (Toshiba #DVR620)	315.41	
11 52 33 00-0060	EA	DVDr/VCR Combo (Toshiba #DVR670)	433.72	

11 52 33 00-0061 Audio/Video Cabling *(11 52 33)*

11 52 33 00-0062	EA	HDMI M-M Pro/3 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-03)	43.24	
11 52 33 00-0063	EA	HDMI M-M Pro/6 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-06)	63.42	
11 52 33 00-0064	EA	HDMI M-M Pro/12 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-12)	94.85	
11 52 33 00-0065	EA	HDMI M-M Pro/25 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-25)	197.48	
11 52 33 00-0066	EA	HDMI M-M Pro/35 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-35)	278.21	
11 52 33 00-0067	EA	HDMI M-M Pro/50 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-50)	382.00	
11 52 33 00-0068	EA	HDMI M-M Pro/75 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-75)	523.27	
11 52 33 00-0069	EA	HDMI M-M Pro/100 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-100)	644.35	
11 52 33 00-0070	EA	HDMI M-M Pro/125 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-125)	768.33	
11 52 33 00-0071	EA	HDMI M-M Pro/150 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-150)	849.06	
11 52 33 00-0072	EA	HDMI M-M Pro/175 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-175)	1,013.39	
11 52 33 00-0073	EA	HDMI M-M Pro/200 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-200)	1,218.07	
11 52 33 00-0074	EA	DVI-D/3 Single Link Male to Male Cables (Extron Electronics #26-649-03)	43.24	
11 52 33 00-0075	EA	DVI-D/6 Single Link Male to Male Cables (Extron Electronics #26-649-06)	63.42	
11 52 33 00-0076	EA	DVI-D/12 Single Link Male to Male Cables (Extron Electronics #26-649-12)	94.85	
11 52 33 00-0077	EA	DVI-D/25 Single Link Male to Male Cables (Extron Electronics #26-649-25)	197.48	
11 52 33 00-0078	EA	DVI-D/35 Single Link Male to Male Cables (Extron Electronics #26-649-35)	278.21	
11 52 33 00-0079	EA	DVI-D/50 Single Link Male to Male Cables (Extron Electronics #26-649-50)	382.00	
11 52 33 00-0080	EA	DVI-D/75 Single Link Male to Male Cables (Extron Electronics #26-649-75)	523.27	
11 52 33 00-0081	EA	DVI-D/100 Single Link Male to Male Cables (Extron Electronics #26-649-100)	644.35	
11 52 33 00-0082	EA	DVI-D/125 Single Link Male to Male Cables (Extron Electronics #26-649-125)	768.33	
11 52 33 00-0083	EA	DVI-D/150 Single Link Male to Male Cables (Extron Electronics #26-649-150)	849.06	
11 52 33 00-0084	EA	DVI-D/175 Single Link Male to Male Cables (Extron Electronics #26-649-175)	1,013.39	
11 52 33 00-0085	EA	DVI-D/200 Single Link Male to Male Cables (Extron Electronics #26-649-200)	1,218.07	
11 52 33 00-0086	EA	AV RCA/6 RCA Male to Male Composite Video and Stereo Audio Cables 6' (Extron Electronics #26-643-06)	19.03	
11 52 33 00-0087	EA	AV RCA/20 RCA Male to Male Composite Video and Stereo Audio Cables 20' (Extron Electronics #26-643-20)	29.98	
11 52 33 00-0088	EA	VGA M-M MD/3 Male to Male VGA Molded Connector Cables 3' (Extron Electronics #26-238-14)	23.06	
11 52 33 00-0089	EA	VGA M-M MD/6 Male to Male VGA Molded Connector Cables 6' (Extron Electronics #26-238-01)	25.08	
11 52 33 00-0090	EA	VGA M-M MD/10 Male to Male VGA Molded Connector Cables 10' (Extron Electronics #26-238-07)	34.30	
11 52 33 00-0091	EA	VGA M-M MD/15 Male to Male VGA Molded Connector Cables 15' (Extron Electronics #26-238-02)	40.36	
11 52 33 00-0092	EA	VGA M-M MD/25 Male to Male VGA Molded Connector Cables 25' (Extron Electronics #26-238-03)	64.29	
11 52 33 00-0093	EA	VGA M-M MD/35 Male to Male VGA Molded Connector Cables 35' (Extron Electronics #26-238-17)	90.52	
11 52 33 00-0094	EA	VGA M-M MD/50 Male to Male VGA Molded Connector Cables 50' (Extron Electronics #26-238-18)	119.64	
11 52 33 00-0095	EA	VGA M-M MD/75 Male to Male VGA Molded Connector Cables 75' (Extron Electronics #26-238-19)	160.00	
11 52 33 00-0096	EA	VGA M-M MD/100 Male to Male VGA Molded Connector Cables 100' (Extron Electronics #26-238-20)	200.36	
11 52 33 00-0097	EA	VGA M-M BK/3 Male to Male VGA Backshell Connector Cables 3' (Extron Electronics #26-238-24)	33.15	
11 52 33 00-0098	EA	VGA M-M BK/6 Male to Male VGA Backshell Connector Cables 6' (Extron Electronics #26-238-25)	35.17	
11 52 33 00-0099	EA	VGA M-M BK/10 Male to Male VGA Backshell Connector Cables 10' (Extron Electronics #26-238-26)	44.39	
11 52 33 00-0100	EA	VGA M-M BK/15 Male to Male VGA Backshell Connector Cables 15' (Extron Electronics #26-238-27)	54.48	
11 52 33 00-0101	EA	VGA M-M BK/25 Male to Male VGA Backshell Connector Cables 25' (Extron Electronics #26-238-28)	76.39	
11 52 33 00-0102	EA	VGA M-M BK/35 Male to Male VGA Backshell Connector Cables 35' (Extron Electronics #26-238-16)	102.63	
11 52 33 00-0103	EA	VGA M-M BK/50 Male to Male VGA Backshell Connector Cables 50' (Extron Electronics #26-238-04)	139.82	
11 52 33 00-0104	EA	VGA M-M BK/75 Male to Male VGA Backshell Connector Cables 75' (Extron Electronics #26-238-05)	180.18	
11 52 33 00-0105	EA	VGA M-M BK/100 Male to Male VGA Backshell Connector Cables 100' (Extron Electronics #26-238-06)	230.64	
11 52 33 00-0106	EA	A Mini/2 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-01)	6.92	
11 52 33 00-0107	EA	A Mini/9 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-03)	8.93	
11 52 33 00-0108	EA	A Mini/12 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-06)	10.95	
11 52 33 00-0109	EA	A Mini/25 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-07)	14.99	

11 53 Laboratory Equipment *(11 50)*

11 53 13 Laboratory Fume Hoods *(11 53)*

11 53 13 11 General Laboratory Fume Hoods *(11 53 13)*

11 53 13 11-0001 Fume Hoods (Kewaunee Scientific) *(11 53 13 11)*

11 53 13 11-0002 General Purpose Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H05) *(11 53 13 11-0001)*

11 53 13 11-0003	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5448-00) Note: Includes material and installation	10,225.30
11 53 13 11-0004	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5448-00) Note: Includes material and installation	10,872.17
11 53 13 11-0005	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5448-00) Note: Includes material and installation	13,951.81
11 53 13 11-0006	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5448-00) Note: Includes material and installation	9,640.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0007	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5460-00) Note: Includes material and installation	11,044.93	
11 53 13 11-0008	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5460-00) Note: Includes material and installation	11,691.80	
11 53 13 11-0009	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5460-00) Note: Includes material and installation	14,795.55	
11 53 13 11-0010	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5460-00) Note: Includes material and installation	10,267.49	
11 53 13 11-0011	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5472-00) Note: Includes material and installation	10,641.14	
11 53 13 11-0012	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5472-00) Note: Includes material and installation	12,553.62	
11 53 13 11-0013	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5472-00) Note: Includes material and installation	15,518.75	
11 53 13 11-0014	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5472-00) Note: Includes material and installation	11,257.88	
11 53 13 11-0015	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5496-00) Note: Includes material and installation	14,492.20	
11 53 13 11-0016	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5496-00) Note: Includes material and installation	17,045.52	
11 53 13 11-0017	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5496-00) Note: Includes material and installation	20,056.86	
11 53 13 11-0018	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5496-00) Note: Includes material and installation	13,359.18	
11 53 13 11-0019	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5448B00) Note: Includes material and installation	10,384.00	
11 53 13 11-0020	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5448B00) Note: Includes material and installation	11,032.88	
11 53 13 11-0021	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5448B00) Note: Includes material and installation	14,116.54	
11 53 13 11-0022	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5448B00) Note: Includes material and installation	9,807.45	
11 53 13 11-0023	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5460B00) Note: Includes material and installation	11,227.74	
11 53 13 11-0024	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5460B00) Note: Includes material and installation	11,878.63	
11 53 13 11-0025	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5460B00) Note: Includes material and installation	14,974.34	
11 53 13 11-0026	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5460B00) Note: Includes material and installation	10,448.29	
11 53 13 11-0027	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5472B00) Note: Includes material and installation	12,101.61	
11 53 13 11-0028	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5472B00) Note: Includes material and installation	12,744.46	
11 53 13 11-0029	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5472B00) Note: Includes material and installation	15,709.60	
11 53 13 11-0030	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5472B00) Note: Includes material and installation	11,454.75	
11 53 13 11-0031	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5496B00) Note: Includes material and installation	14,705.15	
11 53 13 11-0032	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5496B00) Note: Includes material and installation	17,242.39	
11 53 13 11-0033	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5496B00) Note: Includes material and installation	20,271.81	
11 53 13 11-0034	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5496B00) Note: Includes material and installation	13,572.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0035		Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific H07) *(11 53 13 11-0001)*		
11 53 13 11-0036	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5448B00) Note: Includes material and installation	11,731.98	
11 53 13 11-0037	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5448B00) Note: Includes material and installation	12,376.83	
11 53 13 11-0038	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5448B00) Note: Includes material and installation	15,462.50	
11 53 13 11-0039	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5448B00) Note: Includes material and installation	11,151.40	
11 53 13 11-0040	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5460B00) Note: Includes material and installation	12,875.04	
11 53 13 11-0041	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5460B00) Note: Includes material and installation	13,525.92	
11 53 13 11-0042	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5460B00) Note: Includes material and installation	16,627.67	
11 53 13 11-0043	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5460B00) Note: Includes material and installation	12,101.61	
11 53 13 11-0044	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5472B00) Note: Includes material and installation	13,845.34	
11 53 13 11-0045	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5472B00) Note: Includes material and installation	14,492.20	
11 53 13 11-0046	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5472B00) Note: Includes material and installation	17,457.34	
11 53 13 11-0047	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5472B00) Note: Includes material and installation	13,196.46	
11 53 13 11-0048	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5496B00) Note: Includes material and installation	16,973.20	
11 53 13 11-0049	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5496B00) Note: Includes material and installation	17,614.04	
11 53 13 11-0050	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5496B00) Note: Includes material and installation	22,533.83	
11 53 13 11-0051	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5496B00) Note: Includes material and installation	15,846.20	
11 53 13 11-0052		ADA Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H08) *(11 53 13 11-0001)*		
11 53 13 11-0053	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5448-00) Note: Includes material and installation	10,323.74	
11 53 13 11-0054	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5448-00) Note: Includes material and installation	10,982.66	
11 53 13 11-0055	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5448-00) Note: Includes material and installation	13,843.33	
11 53 13 11-0056	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5448-00) Note: Includes material and installation	9,737.14	
11 53 13 11-0057	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5460-00) Note: Includes material and installation	11,141.36	
11 53 13 11-0058	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5460-00) Note: Includes material and installation	11,701.84	
11 53 13 11-0059	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5460-00) Note: Includes material and installation	14,777.47	
11 53 13 11-0060	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5460-00) Note: Includes material and installation	10,365.92	
11 53 13 11-0061	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5472-00) Note: Includes material and installation	12,005.19	
11 53 13 11-0062	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5472-00) Note: Includes material and installation	12,842.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0063	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5472-00) Note: Includes material and installation	16,264.05	
11 53 13 11-0064	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5472-00) Note: Includes material and installation	11,356.31	
11 53 13 11-0065	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5448B00) Note: Includes material and installation	10,482.44	
11 53 13 11-0066	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5448B00) Note: Includes material and installation	11,171.49	
11 53 13 11-0067	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5448B00) Note: Includes material and installation	14,090.42	
11 53 13 11-0068	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5448B00) Note: Includes material and installation	9,903.88	
11 53 13 11-0069	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5460B00) Note: Includes material and installation	11,328.19	
11 53 13 11-0070	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5460B00) Note: Includes material and installation	11,904.74	
11 53 13 11-0071	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5460B00) Note: Includes material and installation	15,044.65	
11 53 13 11-0072	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5460B00) Note: Includes material and installation	10,542.71	
11 53 13 11-0073	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5472B00) Note: Includes material and installation	12,200.05	
11 53 13 11-0074	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5472B00) Note: Includes material and installation	13,065.89	
11 53 13 11-0075	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5472B00) Note: Includes material and installation	16,555.34	
11 53 13 11-0076	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5472B00) Note: Includes material and installation	11,551.18	

11 53 13 11-0077 ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash (Kewaunee Scientific H09) *(11 53 13 11-0001)*

11 53 13 11-0078	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5448B00) Note: Includes material and installation	14,070.34	
11 53 13 11-0079	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5448B00) Note: Includes material and installation	15,297.77	
11 53 13 11-0080	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5448B00) Note: Includes material and installation	19,452.18	
11 53 13 11-0081	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5448B00) Note: Includes material and installation	13,489.76	
11 53 13 11-0082	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5460B00) Note: Includes material and installation	15,211.39	
11 53 13 11-0083	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5460B00) Note: Includes material and installation	16,382.58	
11 53 13 11-0084	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5460B00) Note: Includes material and installation	20,864.44	
11 53 13 11-0085	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5460B00) Note: Includes material and installation	14,435.96	
11 53 13 11-0086	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5472B00) Note: Includes material and installation	16,181.69	
11 53 13 11-0087	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5472B00) Note: Includes material and installation	17,648.19	
11 53 13 11-0088	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5472B00) Note: Includes material and installation	22,511.73	
11 53 13 11-0089	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5472B00) Note: Includes material and installation	15,536.83	

11 53 13 11-0090 Isotope Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H20) *(11 53 13 11-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0091	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5448-00) Note: Includes material and installation	21,218.00	
11 53 13 11-0092	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5460-00) Note: Includes material and installation	23,550.33	
11 53 13 11-0093	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5472-00) Note: Includes material and installation	24,846.08	
11 53 13 11-0094	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5496-00) Note: Includes material and installation	33,596.84	
11 53 13 11-0095	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5448B00) Note: Includes material and installation	21,396.79	
11 53 13 11-0096	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5460B00) Note: Includes material and installation	23,729.13	
11 53 13 11-0097	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5472B00) Note: Includes material and installation	25,036.92	
11 53 13 11-0098	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5496B00) Note: Includes material and installation	33,811.80	

11 53 13 11-0099 Perchloric Acid Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H25) *(11 53 13 11-0001)*

11 53 13 11-0100	EA	4' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5448-00) Note: Includes material and installation	28,030.18	
11 53 13 11-0101	EA	5' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5460-00) Note: Includes material and installation	28,126.61	
11 53 13 11-0102	EA	6' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5472-00) Note: Includes material and installation	31,204.24	

11 53 13 11-0103 HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific HOPEC) *(11 53 13 11-0001)*

11 53 13 11-0104	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5448B00) Note: Includes material and installation	14,542.43	
11 53 13 11-0105	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5448B00) Note: Includes material and installation	15,191.30	
11 53 13 11-0106	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5448B00) Note: Includes material and installation	18,272.95	
11 53 13 11-0107	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5448B00) Note: Includes material and installation	13,957.84	
11 53 13 11-0108	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5460B00) Note: Includes material and installation	15,852.23	
11 53 13 11-0109	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5460B00) Note: Includes material and installation	16,501.10	
11 53 13 11-0110	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5460B00) Note: Includes material and installation	19,600.84	
11 53 13 11-0111	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5460B00) Note: Includes material and installation	15,076.79	
11 53 13 11-0112	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5472B00) Note: Includes material and installation	16,935.03	
11 53 13 11-0113	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5472B00) Note: Includes material and installation	17,577.88	
11 53 13 11-0114	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5472B00) Note: Includes material and installation	20,547.03	
11 53 13 11-0115	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5472B00) Note: Includes material and installation	16,284.14	
11 53 13 11-0116	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5496B00) Note: Includes material and installation	22,057.72	
11 53 13 11-0117	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5496B00) Note: Includes material and installation	22,704.59	
11 53 13 11-0118	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5496B00) Note: Includes material and installation	27,620.37	

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11 53 13 11-0119	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5496B00) Note: Includes material and installation	20,926.71	

11 53 13 11-0120 General Purpose Walk-In Fume Hood With Vertical Rising Sash (Kewaunee Scientific H30) *(11 53 13 11-0001)*

11 53 13 11-0121	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9048-00) Note: Includes material and installation	21,364.65	
11 53 13 11-0122	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9048-00) Note: Includes material and installation	22,003.48	
11 53 13 11-0123	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9048-00) Note: Includes material and installation	27,377.29	
11 53 13 11-0124	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9048-00) Note: Includes material and installation	20,070.92	
11 53 13 11-0125	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9060-00) Note: Includes material and installation	22,766.86	
11 53 13 11-0126	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9060-00) Note: Includes material and installation	23,413.73	
11 53 13 11-0127	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9060-00) Note: Includes material and installation	30,398.67	
11 53 13 11-0128	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9060-00) Note: Includes material and installation	21,288.31	
11 53 13 11-0129	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9072-00) Note: Includes material and installation	24,159.03	
11 53 13 11-0130	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9072-00) Note: Includes material and installation	24,799.87	
11 53 13 11-0131	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9072-00) Note: Includes material and installation	32,574.31	
11 53 13 11-0132	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9072-00) Note: Includes material and installation	23,572.43	
11 53 13 11-0133	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9096-00) Note: Includes material and installation	30,840.63	
11 53 13 11-0134	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9096-00) Note: Includes material and installation	31,491.52	
11 53 13 11-0135	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9096-00) Note: Includes material and installation	42,231.10	
11 53 13 11-0136	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9096-00) Note: Includes material and installation	29,311.86	
11 53 13 11-0137	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9048B00) Note: Includes material and installation	21,529.38	
11 53 13 11-0138	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9048B00) Note: Includes material and installation	22,164.19	
11 53 13 11-0139	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9048B00) Note: Includes material and installation	27,542.02	
11 53 13 11-0140	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9048B00) Note: Includes material and installation	20,233.64	
11 53 13 11-0141	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9060B00) Note: Includes material and installation	22,949.67	
11 53 13 11-0142	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9060B00) Note: Includes material and installation	23,594.53	
11 53 13 11-0143	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9060B00) Note: Includes material and installation	30,583.49	
11 53 13 11-0144	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9060B00) Note: Includes material and installation	21,473.13	
11 53 13 11-0145	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9072B00) Note: Includes material and installation	24,351.89	
11 53 13 11-0146	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9072B00) Note: Includes material and installation	24,994.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0147	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9072B00) Note: Includes material and installation	32,769.18	
11 53 13 11-0148	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9072B00) Note: Includes material and installation	23,769.30	
11 53 13 11-0149	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9096B00) Note: Includes material and installation	31,047.55	
11 53 13 11-0150	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9096B00) Note: Includes material and installation	31,700.44	
11 53 13 11-0151	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9096B00) Note: Includes material and installation	42,438.01	
11 53 13 11-0152	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9096B00) Note: Includes material and installation	29,522.79	
11 53 13 11-0153		Stand-Alone, TruView® Teaching Hoods (Kewaunee Scientific T90) *(11 53 13 11-0001)*		
11 53 13 11-0154	EA	4' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3048-SA) Note: Includes material and installation	17,415.15	
11 53 13 11-0155	EA	5' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3060-SA) Note: Includes material and installation	19,851.95	
11 53 13 11-0156	EA	6' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3072-SA) Note: Includes material and installation	21,515.32	
11 53 13 11-0157	EA	4' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6048-SA) Note: Includes material and installation	30,738.18	
11 53 13 11-0158	EA	5' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6060-SA) Note: Includes material and installation	35,199.95	
11 53 13 11-0159	EA	6' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6072-SA) Note: Includes material and installation	37,445.90	
11 53 13 11-0160		Options For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0161	EA	Single Point Adjustable Baffles (Kewaunee Scientific Option C) Note: Includes material and installation	464.06	
11 53 13 11-0162	EA	Fire Extinguisher (Kewaunee Scientific Option E) Note: Includes material and installation	2,008.90	
11 53 13 11-0163	EA	Stainless Steel Lower Deflector Vane (Kewaunee Scientific Option O) Note: Includes material and installation	333.48	
11 53 13 11-0164	EA	4' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-48B) Note: Includes material and installation	1,368.06	
11 53 13 11-0165	EA	5' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-60B) Note: Includes material and installation	1,599.08	
11 53 13 11-0166	EA	6' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-72B) Note: Includes material and installation	1,844.17	
11 53 13 11-0167	EA	8' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-96B) Note: Includes material and installation	2,386.57	
11 53 13 11-0168	EA	4' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-48B) Note: Includes material and installation	1,368.06	
11 53 13 11-0169	EA	5' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-60B) Note: Includes material and installation	1,599.08	
11 53 13 11-0170	EA	6' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-72B) Note: Includes material and installation	1,844.17	
11 53 13 11-0171	EA	4' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-48B) Note: Includes material and installation	1,368.06	
11 53 13 11-0172	EA	5' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-60B) Note: Includes material and installation	1,599.08	
11 53 13 11-0173	EA	6' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-72B) Note: Includes material and installation	1,844.17	
11 53 13 11-0174	EA	8' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-96B) Note: Includes material and installation	2,386.57	
11 53 13 11-0175	EA	4' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-48B) Note: Includes material and installation	1,428.33	
11 53 13 11-0176	EA	5' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-60B) Note: Includes material and installation	1,669.40	
11 53 13 11-0177	EA	6' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-72B) Note: Includes material and installation	1,930.55	
11 53 13 11-0178	EA	8' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-96B) Note: Includes material and installation	2,499.07	
11 53 13 11-0179	EA	Black Poly Cupsink (Kewaunee Scientific 0491-BP) Note: Includes material and installation	178.79	
11 53 13 11-0180	EA	Stainless Steel Cupsink (Kewaunee Scientific 0950-0F) Note: Includes material and installation	1,681.45	
11 53 13 11-0181	EA	Air Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3A-I) Note: Includes material and installation	640.84	
11 53 13 11-0182	EA	Gas Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3G-I) Note: Includes material and installation	640.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0183	EA	Vacuum Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3V-I) Note: Includes material and installation	640.84	
11 53 13 11-0184	EA	Steam Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3S-I) Note: Includes material and installation	715.17	
11 53 13 11-0185	EA	Cold Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3W-I) Note: Includes material and installation	715.17	
11 53 13 11-0186	EA	Distilled Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3D-I) Note: Includes material and installation	1,060.70	
11 53 13 11-0187	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0864-3WV-I) Note: Includes material and installation	1,084.81	
11 53 13 11-0188	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0864-3WVA-I) Note: Includes material and installation	1,112.93	
11 53 13 11-0189	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0868-3WV-I) Note: Includes material and installation	1,727.65	
11 53 13 11-0190	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0868-3WVA-I) Note: Includes material and installation	1,793.95	

11 53 13 11-0191 Base Cabinets For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*

11 53 13 11-0192	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3724-0) Note: Includes material and installation	1,257.57	
11 53 13 11-0193	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3730-0) Note: Includes material and installation	1,532.79	
11 53 13 11-0194	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3736-0) Note: Includes material and installation	1,613.15	
11 53 13 11-0195	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3748-0) Note: Includes material and installation	1,665.38	
11 53 13 11-0196	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3760-0) Note: Includes material and installation	1,818.05	
11 53 13 11-0197	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3624-0) Note: Includes material and installation	1,257.57	
11 53 13 11-0198	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3630-0) Note: Includes material and installation	1,532.79	
11 53 13 11-0199	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3636-0) Note: Includes material and installation	1,625.20	
11 53 13 11-0200	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3648-0) Note: Includes material and installation	1,665.38	
11 53 13 11-0201	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3660-0) Note: Includes material and installation	1,818.05	
11 53 13 11-0202	EA	15" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3115-0) Note: Includes material and installation	1,265.61	
11 53 13 11-0203	EA	18" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3118-0) Note: Includes material and installation	1,339.94	
11 53 13 11-0204	EA	21" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3121-0) Note: Includes material and installation	1,398.19	
11 53 13 11-0205	EA	24" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3124-0) Note: Includes material and installation	1,416.27	
11 53 13 11-0206	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3724-01) Note: Includes material and installation	3,061.56	
11 53 13 11-0207	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3730-01) Note: Includes material and installation	4,045.92	
11 53 13 11-0208	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3736-01) Note: Includes material and installation	4,228.73	
11 53 13 11-0209	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3748-01) Note: Includes material and installation	4,831.40	
11 53 13 11-0210	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3724-0) Note: Includes material and installation	2,420.72	
11 53 13 11-0211	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3730-0) Note: Includes material and installation	2,812.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0212	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3736-0) Note: Includes material and installation	2,860.67	
11 53 13 11-0213	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3748-0) Note: Includes material and installation	3,029.42	
11 53 13 11-0214	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3760-0) Note: Includes material and installation	3,318.70	
11 53 13 11-0215	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3724-0) Note: Includes material and installation	2,179.66	
11 53 13 11-0216	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3730-0) Note: Includes material and installation	2,466.93	
11 53 13 11-0217	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3736-0) Note: Includes material and installation	2,565.37	
11 53 13 11-0218	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3748-0) Note: Includes material and installation	2,728.09	
11 53 13 11-0219	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3760-0) Note: Includes material and installation	2,939.02	
11 53 13 11-0220		**Filters And Housing For Fume Hoods (Kewaunee Scientific)** *(11 53 13 11-0001)*		
11 53 13 11-0221	EA	Painted CRS Filter Housing (Kewaunee Scientific X-016869) Note: Includes material and installation	1,984.79	
11 53 13 11-0222	EA	Stainless Steel Filter Housing (Kewaunee Scientific X-016868) Note: Includes material and installation	23,160.61	
11 53 13 11-0223	EA	High Efficiency Filter (Kewaunee Scientific 0864-00) Note: Includes material and installation	1,984.79	
11 53 13 11-0224	EA	Charcoal Absorber (Kewaunee Scientific 0855-00) Note: Includes material and installation	23,160.61	
11 53 13 11-0225	EA	Prefilter (Kewaunee Scientific 0863-00) Note: Includes material and installation	148.66	
11 53 13 11-0226		**Centrifugal Fans For Fume Hoods (Kewaunee Scientific)** *(11 53 13 11-0001)*		
11 53 13 11-0227	EA	1/4 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0902-T1) Note: Includes material and installation	5,357.74	
11 53 13 11-0228	EA	1/3 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0903-T1) Note: Includes material and installation	5,506.39	
11 53 13 11-0229	EA	1/2 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0905-T1) Note: Includes material and installation	5,580.72	
11 53 13 11-0230	EA	3/4 HP, Single-Phase, 10" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1008-T1) Note: Includes material and installation	6,170.34	
11 53 13 11-0231	EA	1 HP, Single-Phase, 13" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1310-T1) Note: Includes material and installation	6,759.95	
11 53 13 11-0232	EA	1-1/2 HP, Single-Phase, 14-1/2" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1415-T1) Note: Includes material and installation	9,693.95	
11 53 13 11-0233	EA	2 HP, Single-Phase, 16-1/8" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1620-T1) Note: Includes material and installation	12,627.95	
11 53 13 11-0234		**Exhaust Stacks And Adapters For Fume Hoods (Kewaunee Scientific)** *(11 53 13 11-0001)*		
11 53 13 11-0235	EA	6-9/16" Diameter x 99-1/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	891.95	
11 53 13 11-0236	EA	8-1/16" Diameter x 97-7/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	978.33	
11 53 13 11-0237	EA	9-11/16" Diameter x 92-1/2" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	996.41	
11 53 13 11-0238	EA	10-13/16" Diameter x 91-1/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,096.86	
11 53 13 11-0239	EA	11-11/16" Diameter x 90-3/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,207.43	
11 53 13 11-0240	EA	6-9/16" Diameter x 10-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-0912-00) Note: Includes material and installation	1,277.66	
11 53 13 11-0241	EA	8-1/16" Diameter x 11-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1012-00) Note: Includes material and installation	1,390.16	
11 53 13 11-0242	EA	9-11/16" Diameter x 13-5/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1312-00) Note: Includes material and installation	1,524.76	
11 53 13 11-0243	EA	10-13/16" Diameter x 14-11/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1412-00) Note: Includes material and installation	1,601.09	
11 53 13 11-0244	EA	11-11/16" Diameter x 16-15/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1612-00) Note: Includes material and installation	1,631.23	
11 53 13 11-0245	EA	11-15/16" Diameter x 9-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1209-00) Note: Includes material and installation	990.39	
11 53 13 11-0246	EA	11-15/16" Diameter x 10-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1210-00) Note: Includes material and installation	1,022.53	
11 53 13 11-0247	EA	11-15/16" Diameter x 13-5/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1213-00) Note: Includes material and installation	1,042.62	
11 53 13 11-0248	EA	11-15/16" Diameter x 14-9/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1214-00) Note: Includes material and installation	1,084.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0249	EA	11-15/16" Diameter x 16-3/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1216-00) Note: Includes material and installation	1,175.21	
11 53 13 11-0250		Biological Fume Hoods And Cabinets *(11 53 13 11)* Note: VWR scientific or approved equal. VWR model number listed for reference. Equipment set in place and final connections. Excludes piping, ductwork and electrical rough-ins. Other accepted manufactures: NuAire, Forma and Baker or equal.		
11 53 13 11-0251		Purifier® Logic® Class II, Type A2 Biosafety Cabinets (VWR 9700) *(11 53 13 11-0250)* Note: Includes two high efficiency particulate air (HEPA) filters, fluorescent lighting, UV lamp, 8" or 10" sash, LCD information center and service fixtures. Excludes base stand.		
11 53 13 11-0252	EA	3' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	18,570.13	919.27
11 53 13 11-0253	EA	4' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	20,718.89	919.27
11 53 13 11-0254	EA	5' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	24,592.07	1,041.73
11 53 13 11-0255	EA	6' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	26,013.31	1,041.73
11 53 13 11-0256		Base Stands For Purifier® Logic® Biosafety Cabinets (VWR) *(11 53 13 11-0250)* Note: ADA compliant. Includes epoxy coating.		
11 53 13 11-0257	EA	3' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,573.60	134.85
11 53 13 11-0258	EA	4' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,716.43	171.62
11 53 13 11-0259	EA	5' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,821.14	208.40
11 53 13 11-0260	EA	6' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	2,014.94	245.17
11 53 43		**Service Fittings and Accessories** *(11 53)*		
11 53 43 00-0001		Laboratory Equipment Accessories *(11 53 43)*		
11 53 43 00-0002	EA	24" Wide Roll Paper Dispenser, Wall Mounted	204.16	40.39
11 53 43 00-0003	EA	36" Wide Roll Paper Dispenser, Wall Mounted	239.63	46.16
11 53 43 00-0004	EA	48" Wide Roll Paper Dispenser, Wall Mounted	302.67	51.94
11 53 43 00-0005		Outlet And Valves *(11 53 43)*		
11 53 43 00-0006	EA	Medical Gas Outlets, Recessed, Quick Connect Note: For oxygen, vacuum, air, nitrous oxide, excavation vacuum, carbon dioxide, and oxygen/CO2. Includes any wall bracing requirements.	362.36	90.76
11 53 43 00-0007	EA	Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	1,076.06	
11 53 43 00-0008		Test And Certify *(11 53 43)*		
11 53 43 00-0009	EA	Test And Certify Medical Gas Port	60.54	
11 53 43 00-0010		Install Owner Furnished Material *(11 53 43)*		
11 53 43 00-0011	LF	Install Owner Furnished Steel Base Cabinet	128.18	
11 53 43 00-0012	LF	Install Owner Furnished Steel Wall Cabinet	153.93	
11 53 43 00-0013	LF	Install Owner Furnished Wood Base Cabinet	108.54	
11 53 43 00-0014	LF	Install Owner Furnished Wood Wall Cabinet	130.49	
11 53 43 00-0015	LF	Install Owner Furnished Plastic Base Cabinet	89.73	
11 53 43 00-0016	LF	Install Owner Furnished Plastic Wall Cabinet	107.51	
11 60		**Entertainment and Recreation Equipment** *(11)*		
11 66		**Athletic Equipment** *(11 60)*		
11 66 13		**Exercise Equipment** *(11 66)*		
11 66 13 00-0001		Fitness Systems *(11 66 13)*		
11 66 13 00-0002		Components For Physical Fitness Activities *(11 66 13 00-0001)*		
11 66 13 00-0003	EA	Sit And Reach	1,324.63	131.83
11 66 13 00-0004	EA	Isometric Squat	495.96	52.73
11 66 13 00-0005	EA	Log Jump	3,140.57	210.95
11 66 13 00-0006	EA	Step Up	741.43	105.47
11 66 13 00-0007	EA	Hip Rotation	3,419.38	184.57
11 66 13 00-0008	EA	Body Curl	1,286.64	105.47
11 66 13 00-0009	EA	Horizontal Ladder	4,127.85	210.95
11 66 13 00-0010	EA	Chin Up	3,155.31	210.95
11 66 13 00-0011	EA	Push Up	1,912.89	105.47
11 66 13 00-0012	EA	Leg Raise	2,681.46	158.20
11 66 13 00-0013	EA	Log Hop	1,203.26	52.73
11 66 13 00-0014	EA	Parallel Bar	2,582.00	158.20
11 66 13 00-0015	EA	Leg Stretch	1,109.81	105.47
11 66 13 00-0016	EA	Balance Beam	987.07	79.10
11 66 13 00-0017	EA	Log Roll	3,048.68	131.83
11 66 13 00-0018		Wall Mounted Equipment *(11 66 13)*		
11 66 13 00-0019	SET	Parallel Bars, Wall Mounted	4,321.69	662.05
11 66 13 00-0020	EA	Exercise Ladder, Wall Mounted	3,025.17	13.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 66 23 Gymnasium Equipment *(11 66)*

11 66 23 13 Basketball Equipment *(11 66 23)*

11 66 23 13-0001 Basketball Equipment *(11 66 23 13)*

11 66 23 13-0002	EA	4' To 6' Extention, Wall Mounted, Stationary Basketball Backstop System With 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 312F46) Note: Includes rim and net.	4,386.12	993.08
		For Glass Backstop, Add	*500.00*	
		For Fiberglass Backstop, Add	*200.00*	
11 66 23 13-0003	EA	6' Ceiling Mounted Basketball Backstop Wood, Fixed Type, With Support Structure Note: Includes rim and net.	6,980.57	993.08
		For Glass Backstop, Add	*500.00*	
		For Fiberglass Backstop, Add	*200.00*	
11 66 23 13-0004	EA	Ceiling Mounted Basketball Backstop Wood, Swing-up Type (Either Forward Or Backward), With Support Structure Note: Includes rim and net.	8,539.66	1,324.10
		For Glass Backstop, Add	*500.00*	
		For Electrically Operated, Add	*2,405.13*	
		For Fiberglass Backstop, Add	*200.00*	

11 66 23 23 Volleyball Equipment *(11 66 23)*

11 66 23 23-0001	EA	Economy End Upright Padding, Each, Wrap Around Pads Only Note: Porter Athletic model # 717-003.	883.09	69.16
11 66 23 23-0002	EA	Net Tension Cover Pads, 1 Pair Note: Porter Athletic model # 00816-003.	198.69	15.55
11 66 23 23-0003	EA	32' L x 39" H Power Volleyball Net Note: Porter Athletic model # 02255-000.	651.28	51.00
11 66 23 23-0004	EA	White Polyester Reinforced Boundary Markers, One Pair Note: Porter Athletic model # 02297-000.	114.78	4.97
11 66 23 23-0005	EA	Power-Line Net Antenna, One Pair Note: Porter Athletic model # 02296-100.	396.21	10.49
11 66 23 23-0006	EA	32' x 39" Power-Line Competition Volleyball Net Note: Porter Athletic model # 02295-640.	736.69	49.65
11 66 23 23-0007	EA	Competition Center Standard Padding, Standard Red Note: Porter Athletic model # 00839-103.	722.90	22.07
		For Colors Other Than Standard Red, Add *Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.*	*22.00*	
11 66 23 23-0008	EA	Judge's Stand, Attaches To Standard Note: Porter Athletic model # 00889-100.	1,451.31	55.17
11 66 23 23-0009	EA	Judge's Stand Padding Note: Porter Athletic model # 00993-103.	1,031.93	27.58
		For Colors Other Than Standard Red, Add *Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.*	*30.00*	
11 66 23 23-0010	EA	Power-Line Aluminum Uprights, One Pair Note: Porter Athletic model # 01991-000.	4,193.96	55.17
11 66 23 23-0011	EA	2-3/8" Round Ground/Floor Sleeve Note: Porter Athletic model # 00402-000.	241.70	4.97
11 66 23 23-0012	EA	3-1/2" Round Ground/Floor Sleeve Note: Porter Athletic model # 00403-000.	280.33	4.97
11 66 23 23-0013	EA	4" Round Ground/Floor Sleeve Note: Porter Athletic model # 00404-000.	302.41	4.97

11 66 23 53 Wall Padding *(11 66 23)*

11 66 23 53-0001 Gymnasium Wall Padding *(11 66 23 53)*

Note: Includes wall padding, 7/16" thick oriented strand board backing with or without nailing strip, vinyl cover and mounting screws. Excludes removable wall attachment fittings. See CSI section 11 66 23 53-0008 for wall attachment fittings.

11 66 23 53-0002	SF	2" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	16.91	1.91
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	
11 66 23 53-0003	SF	3" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	22.77	2.10
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	
11 66 23 53-0004	SF	2" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	26.51	1.91
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	
11 66 23 53-0005	SF	3" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	41.64	2.10
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	
11 66 23 53-0006	SF	2" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	33.95	1.91
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	
11 66 23 53-0007	SF	3" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	50.54	2.10
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*5.71*	

11 66 23 53-0008 Gymnasium Wall Padding Accessories *(11 66 23 53)*

11 66 23 53-0009	LF	"Z" Wall/Panel Attachment Clips For Wall Pads Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.	10.06	2.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 53-0010	LF	Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.	15.68	2.77
11 66 23 53-0011	LF	Floor Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.	16.39	2.77
11 66 23 53-0012	EA	Single Or Double Gang Molded Inserts For Electrical Outlets For Wall Pads	54.22	

11 66 43 Interior Scoreboards *(11 66)*

11 66 43 00-0001 Scoreboards *(11 66 43)*

11 66 43 00-0002	EA	8' x 3' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2700) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	5,502.88	345.76
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*950.80*	
11 66 43 00-0003	EA	8' x 6' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2750) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	8,025.75	576.25
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*950.80*	
11 66 43 00-0004	EA	12' x 8' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2760) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	12,608.86	691.50
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*950.80*	

11 66 53 Gymnasium Dividers *(11 66)*

11 66 53 11 Gymnasium Dividers *(11 66 53)*

11 66 53 11-0001 Gymnasium Dividers *(11 66 53 11)*

11 66 53 11-0002	SF	Gym Divider, Manual Mesh Top And Vinyl Bottom	9.49	1.15
11 66 53 11-0003	SF	Gym Divider, Electric Roll Up Mesh Top And Vinyl Bottom	17.32	1.15

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001 Standalone Playground Equipment *(11 68 13)*

11 68 13 00-0002 Ground Socket For Movable Posts *(11 68 13 00-0001)*

11 68 13 00-0003	PR	Ground Socket For 2-3/8" Post For Playground Equipment	298.53	71.19
11 68 13 00-0004	PR	Ground Socket For 3-1/2" Post For Playground Equipment	433.85	71.19

11 68 13 00-0005 See-Saws *(11 68 13 00-0001)*

11 68 13 00-0006 Steel See-Saw *(11 68 13 00-0005)*

11 68 13 00-0007	EA	2 Unit Steel See-Saw	2,411.15	438.13
11 68 13 00-0008	EA	4 Unit Steel See-Saw	3,782.08	517.77
11 68 13 00-0009	EA	6 Unit Steel See-Saw	5,189.34	632.84

11 68 13 00-0010 14' Long Laminated Beam *(11 68 13 00-0005)*

11 68 13 00-0011	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,448.06	387.40
11 68 13 00-0012	EA	Beam Is Supported By Two 8 In x 8 In Posts	1,732.77	345.10

11 68 13 00-0013 Slides *(11 68 13 00-0001)*

11 68 13 00-0014	EA	8' Long x 4' High Slide With Stainless Steel Bed	3,085.46	500.99
11 68 13 00-0015	EA	12' Long x 6' High Slide With Stainless Steel Bed	4,333.60	711.93
11 68 13 00-0016	EA	16' Long x 8' High Slide With Stainless Steel Bed	4,800.63	791.04
11 68 13 00-0017	EA	20' Long x 10' High Slide With Stainless Steel Bed	5,980.66	876.26
11 68 13 00-0018	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	18,739.17	1,378.42
11 68 13 00-0019	EA	7' High, 360 Degree Slide, Stainless Steel Bed	18,041.34	1,421.98
11 68 13 00-0020	EA	9' High, 360 Degree Slide, Stainless Steel Bed	22,616.15	1,494.55

11 68 13 00-0021 Whirlers *(11 68 13 00-0001)*

11 68 13 00-0022	EA	8' Diameter Whirler	6,342.36	949.25
11 68 13 00-0023	EA	10' Diameter Whirler	7,389.05	1,139.10

11 68 13 00-0024 Other Standalone Playground Equipment *(11 68 13 00-0001)*

11 68 13 00-0025 Miscellaneous Standalone Playground Equipment *(11 68 13 00-0024)*

11 68 13 00-0026	EA	Horizontal Ladder	1,966.74	253.66
11 68 13 00-0027	EA	Tether Ball Post	342.07	49.58
11 68 13 00-0028	PR	10'-6" Long Multiple Purpose Post	529.87	87.65
11 68 13 00-0029	EA	3-Person Fiberglass Golf Tee Shelter Turntable	9,683.17	247.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0030	EA	Horizontal Turning Bars, 1 Bar	648.29	132.36
11 68 13 00-0031	EA	Horizontal Turning Bars, 2 Bars	866.52	158.20
11 68 13 00-0032	EA	Horizontal Turning Bars, 3 Bars	1,167.17	210.95
11 68 13 00-0033	EA	Horizontal Turning Bars, 5 Bars	1,698.00	290.05
11 68 13 00-0034	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	1,691.45	120.77
11 68 13 00-0035	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	1,861.05	130.36
11 68 13 00-0036	EA	Coil Spring With Single Riding Aluminum Saddle Devices	1,826.78	139.75
11 68 13 00-0037	EA	"C" Spring With Single Riding Aluminum Saddle Devices	2,294.89	120.24
11 68 13 00-0038	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	2,826.35	157.46
11 68 13 00-0039	EA	Coil Spring Assembly Only	475.44	57.91
11 68 13 00-0040	EA	"C" Spring Assembly Only	315.97	38.60
11 68 13 00-0041	EA	Rubber Spring Assembly Only	280.31	75.30
11 68 13 00-0042	EA	Footbuck Assembly Only	82.17	10.13
11 68 13 00-0043	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,069.76	144.82

11 68 13 00-0044 Freestanding Panels *(11 68 13 00-0024)*

Note: Rotomolded polyethylene.

11 68 13 00-0045	EA	Tic-Tac-Toe Panel	881.51	62.02
11 68 13 00-0046	EA	24" Bubble Panel	1,320.56	92.92
11 68 13 00-0047	EA	Fire Engine Panel	1,937.95	136.37
11 68 13 00-0048	EA	Flat Mirror Panel	1,550.37	109.16
11 68 13 00-0049	EA	Wavy Mirror Panel	2,294.67	161.58
11 68 13 00-0050	EA	Paint Time Panel	1,488.63	104.84
11 68 13 00-0051	EA	Phone Time Panel	1,056.43	74.35
11 68 13 00-0052	EA	Phone Time With Graphic Panel	1,056.43	74.35
11 68 13 00-0053	EA	Race Time Panel	1,852.19	130.36
11 68 13 00-0054	EA	Rescue 911 Panel	1,878.71	130.36
11 68 13 00-0055	EA	Eastern/Central/Western States Panel	1,011.85	71.19
11 68 13 00-0056	EA	Career People Panel	1,149.05	80.89
11 68 13 00-0057	EA	Solar System Panel	1,149.05	80.89
11 68 13 00-0058	EA	Animals Panel	1,149.05	80.89

11 68 13 00-0059 Freestanding Panels Uprights *(11 68 13 00-0024)*

11 68 13 00-0060	EA	3-1/2" Outside Diameter End Panel Upright	281.71	34.80
11 68 13 00-0061	EA	3-1/2" Outside Diameter 90 Degree Upright	305.20	37.66
11 68 13 00-0062	EA	3-1/2" Outside Diameter 180 Degree Upright	305.20	37.66
11 68 13 00-0063	EA	3-1/2" Outside Diameter "T-Shaped" Upright	324.76	40.08

11 68 13 00-0064 Coasters *(11 68 13 00-0024)*

11 68 13 00-0065	EA	12' Single Metal Coaster With Four Posts	6,788.34	421.88
11 68 13 00-0066	EA	18' Single Metal Coaster With Four Posts	7,620.36	527.35
11 68 13 00-0067	EA	12' Double Metal Coaster With Four Posts	10,954.57	632.83
11 68 13 00-0068	EA	18' Double Metal Coaster With Four Posts	12,495.71	791.03

11 68 13 00-0069 Climbers *(11 68 13 00-0024)*

11 68 13 00-0070	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,352.57	281.81
11 68 13 00-0071	EA	Arch Climber, 2' x 12' x 4.5' High	1,245.59	345.10
11 68 13 00-0072	EA	Arch Climber, 2' x 15' x 5.83' High	1,340.15	281.81
11 68 13 00-0073	EA	Arch Climber, 2' x 17' x 6.58' High	1,429.71	345.10
11 68 13 00-0074	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,520.98	281.50
11 68 13 00-0075	EA	Rainbow Climber, 2' x 10'-5" x 5' High	1,686.76	281.60
11 68 13 00-0076	EA	Rainbow Climber, 2' x 12'-5" x 6' High	1,940.67	281.60
11 68 13 00-0077	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,106.73	281.50
11 68 13 00-0078	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,536.61	329.60
11 68 13 00-0079	EA	12' Long Horizontal Ladder Climber	2,053.76	246.07
11 68 13 00-0080	EA	14' Long Horizontal Ladder Climber	2,081.70	246.07
11 68 13 00-0081	EA	16' Long Horizontal Ladder Climber	2,266.70	246.07
11 68 13 00-0082	EA	Bell Climber, 7'-5" High With Double Bars	2,176.61	316.41
11 68 13 00-0083	EA	2-Way Climber	1,834.97	253.66
11 68 13 00-0084	EA	4-Way Climber	2,839.23	253.66

11 68 13 00-0085 Swings *(11 68 13 00-0001)*

11 68 13 00-0086 Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail *(11 68 13 00-0085)*

Note: Legs, 1-7/8" diameter, traditional.

11 68 13 00-0087	EA	8' High Top Rail, One Section Two Seats	1,776.13	387.40
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*203.56*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*218.53*	
11 68 13 00-0088	EA	8' High Top Rail, Two Sections Four Seats	2,817.36	554.36
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*324.48*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*354.59*	
11 68 13 00-0089	EA	8' High Top Rail, Three Sections, Six Seats	3,903.68	815.72
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*449.10*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*488.85*	
11 68 13 00-0090	EA	8' High Top Rail, Four Sections, Eight Seats	4,880.09	949.25
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*562.54*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*616.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0091	EA	10' High Top Rail, One Section Two Seats	1,883.14	387.40
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*216.93*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*237.26*	
11 68 13 00-0092	EA	10' High Top Rail, Two Section Four Seats	2,957.73	590.44
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*339.39*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*365.96*	
11 68 13 00-0093	EA	10' High Top Rail, Three Sections, Six Seats	4,101.44	916.87
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*469.00*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*499.37*	
11 68 13 00-0094	EA	10' High Top Rail, Four Sections, Eight Seats	5,409.90	1,107.46
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*620.84*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*669.76*	
11 68 13 00-0095		Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail *(11 68 13 00-0085)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096	EA	8' High Top Rail, One Section, Two Seats	1,995.83	342.15
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*232.37*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*263.72*	
11 68 13 00-0097	EA	8' High Top Rail, Two Sections, Four Seats	2,896.70	496.45
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*337.27*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*382.81*	
11 68 13 00-0098	EA	8' High Top Rail, Three Sections, Six Seats	3,865.33	663.95
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*449.97*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*510.45*	
11 68 13 00-0099	EA	8' High Top Rail, Four Sections, Eight Seats	4,811.90	791.04
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*561.93*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*644.29*	
11 68 13 00-0100	EA	10' High Top Rail, One Section, Two Seats	2,250.60	385.60
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*262.05*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*297.46*	
11 68 13 00-0101	EA	10' High Top Rail, One Section Three Seats	2,344.55	408.92
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*273.59*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*312.91*	
11 68 13 00-0102	EA	10' High Top Rail, Two Sections, Four Seats	3,142.67	539.81
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*365.84*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*415.00*	
11 68 13 00-0103	EA	10' High Top Rail, Two Sections, Six Seats	3,754.27	622.28
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*439.64*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*508.77*	
11 68 13 00-0104	EA	10' High Top Rail, Three Section, Six Seats	4,183.09	718.16
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*486.98*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*552.49*	
11 68 13 00-0105	EA	10' High Top Rail, Three Sections, Nine Seats	5,161.15	791.35
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*605.59*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*705.41*	
11 68 13 00-0106	EA	10' High Top Rail, Four Section, Eight Seats	5,323.71	949.25
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*617.99*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*694.28*	
11 68 13 00-0107	EA	12' High Top Rail, One Section Three Seats	2,448.25	418.83
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*286.08*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*328.67*	
11 68 13 00-0108	EA	12' High Top Rail, Two Sections, Six Seats	3,979.34	673.86
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*465.32*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*535.88*	
11 68 13 00-0109	EA	12' High Top Rail, Three Sections, Nine Seats	5,852.50	1,079.30
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*678.83*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*760.51*	
11 68 13 00-0110		Swing Accessories *(11 68 13 00-0085)*		
11 68 13 00-0111	EA	Enclosed Tot Seat With Chain And Hardware	552.77	31.73
11 68 13 00-0112	EA	Bucket Seat With Chain And Hardware	459.53	26.39
11 68 13 00-0113	EA	Belt Seat With Chain And Hardware	489.50	28.17
11 68 13 00-0114	EA	Seat With Chain And Hardware	482.84	27.75
11 68 13 00-0115	EA	Wide Seat With Chain And Hardware	509.67	29.32
11 68 13 00-0116	EA	Handi Seat With Chain And Hardware	1,521.77	87.45
11 68 13 00-0117	LF	0.4 Lb./LF Replacement Chain	6.50	0.63
11 68 13 00-0118	LF	1 Lb./LF Replacement Chain	12.07	1.26
11 68 13 00-0119	EA	Swing Hanger Replacement	70.54	7.22
11 68 13 00-0120		Playground Equipment (Landscape Structures®) *(11 68 13)*		
		Note: Excludes excavation and concrete footings.		
11 68 13 00-0121		Playground Equipment (Landscape Structures® PlayShaper®) *(11 68 13 00-0120)*		
		Note: Ages 2 to 5 years.		
11 68 13 00-0122	EA	El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	3,053.32	138.70
11 68 13 00-0123	EA	SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	7,741.84	520.11
11 68 13 00-0124	EA	Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	3,182.87	138.70
11 68 13 00-0125	EA	Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,640.82	208.05
11 68 13 00-0126	EA	Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	3,094.89	208.05
11 68 13 00-0127	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,451.88	138.70
11 68 13 00-0128	EA	Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,720.22	138.70
11 68 13 00-0129	EA	Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	2,091.01	138.70
11 68 13 00-0130	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,939.94	416.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0131	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,846.73	416.10
11 68 13 00-0132	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	7,374.16	416.10
11 68 13 00-0133	EA	Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	2,095.72	69.35
11 68 13 00-0134	EA	Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	2,137.28	138.70
11 68 13 00-0135	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,835.81	208.05
11 68 13 00-0136	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	3,159.66	208.05
11 68 13 00-0137	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,520.53	208.05
11 68 13 00-0138	EA	Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	2,035.50	138.70
11 68 13 00-0139	EA	Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	8,502.86	554.79
11 68 13 00-0140	EA	Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,193.47	138.70
11 68 13 00-0141	EA	Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,253.70	69.35
11 68 13 00-0142	EA	Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,897.42	173.37
11 68 13 00-0143	EA	32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,939.85	242.72
11 68 13 00-0144	EA	40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,430.26	242.72
11 68 13 00-0145	EA	32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	3,192.12	138.70
11 68 13 00-0146	EA	48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,432.70	138.70
11 68 13 00-0147	EA	1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,572.84	138.70
11 68 13 00-0148	EA	2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,831.93	138.70
11 68 13 00-0149	EA	16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	817.67	57.80
11 68 13 00-0150	EA	24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,515.05	104.02
11 68 13 00-0151	EA	32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,302.54	265.83
11 68 13 00-0152	EA	40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,709.67	265.83
11 68 13 00-0153	EA	32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,414.87	138.70
11 68 13 00-0154	EA	40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	5,166.76	138.70
11 68 13 00-0155	EA	48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,571.49	138.70
11 68 13 00-0156	EA	32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	1,136.41	173.37
11 68 13 00-0157	EA	40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,167.99	173.37
11 68 13 00-0158	EA	48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,222.89	173.37
11 68 13 00-0159	EA	Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,214.42	34.67
11 68 13 00-0160	EA	Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	446.43	34.67
11 68 13 00-0161	EA	Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	4,347.86	242.72
11 68 13 00-0162	EA	ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,277.92	173.37
11 68 13 00-0163	EA	Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,383.95	57.80
11 68 13 00-0164	EA	Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,724.93	69.35
11 68 13 00-0165	EA	Phase Kit (Landscape Structures® PlayShaper® 116098A)	383.88	43.69
11 68 13 00-0166	EA	Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	2,114.23	69.35
11 68 13 00-0167	EA	8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	848.84	104.02
11 68 13 00-0168	EA	16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,620.97	104.02
11 68 13 00-0169	EA	Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,866.08	277.39
11 68 13 00-0170	EA	Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,866.08	277.39
11 68 13 00-0171	EA	Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A)	2,673.95	138.70
11 68 13 00-0172	EA	Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A)	2,007.74	138.70
11 68 13 00-0173	EA	28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A)	2,049.46	69.35
11 68 13 00-0174	EA	56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B)	2,650.90	69.35
11 68 13 00-0175	EA	90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C)	2,933.04	138.70
11 68 13 00-0176	EA	C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A)	4,839.00	277.39
11 68 13 00-0177	EA	S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B)	4,839.00	277.39
11 68 13 00-0178	EA	C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A)	4,839.00	277.39
11 68 13 00-0179	EA	S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B)	4,839.00	277.39
11 68 13 00-0180	EA	Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A)	927.58	34.67
11 68 13 00-0181	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A)	1,416.85	23.11
11 68 13 00-0182	EA	Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A)	1,638.92	23.11
11 68 13 00-0183	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A)	1,786.97	23.11
11 68 13 00-0184	EA	Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A)	973.85	34.67
11 68 13 00-0185	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A)	769.14	23.11
11 68 13 00-0186	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A)	2,240.37	23.11
11 68 13 00-0187	EA	Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A)	611.84	23.11
11 68 13 00-0188	EA	House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A)	724.02	34.67
11 68 13 00-0189	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A)	1,907.26	23.11
11 68 13 00-0190	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A)	1,195.92	34.67
11 68 13 00-0191	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A)	1,660.83	69.35
11 68 13 00-0192	EA	Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A)	1,779.98	57.80
11 68 13 00-0193	EA	Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A)	1,718.62	104.02
11 68 13 00-0194	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A)	1,241.04	23.11
11 68 13 00-0195	EA	Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A)	1,852.88	34.67
11 68 13 00-0196	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A)	1,269.94	34.67
11 68 13 00-0197	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A)	1,623.82	69.35
11 68 13 00-0198	EA	Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A)	557.46	34.67
11 68 13 00-0199	EA	Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A)	1,715.21	57.80
11 68 13 00-0200	EA	Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A)	1,319.61	92.47
11 68 13 00-0201	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A)	1,592.66	23.11
11 68 13 00-0202	EA	Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A)	611.84	23.11
11 68 13 00-0203	EA	Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A)	844.30	34.67
11 68 13 00-0204	EA	Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A)	611.84	23.11
11 68 13 00-0205	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A)	787.65	23.11
11 68 13 00-0206	EA	Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A)	1,496.55	104.02
11 68 13 00-0207	EA	Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A)	1,621.56	34.67
11 68 13 00-0208	EA	Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A)	1,232.93	34.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0209	EA	2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A)	1,187.79	57.80
11 68 13 00-0210	EA	1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A)	688.12	57.80
11 68 13 00-0211	EA	1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A)	603.73	34.67
11 68 13 00-0212	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A)	1,672.36	104.02
11 68 13 00-0213	EA	Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B)	1,940.69	104.02
11 68 13 00-0214	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A)	556.32	23.11
11 68 13 00-0215	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A)	778.39	23.11
11 68 13 00-0216	EA	Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A)	162.14	23.11
11 68 13 00-0217	EA	Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A)	899.82	34.67
11 68 13 00-0218	EA	Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B)	1,197.04	57.80
11 68 13 00-0219	EA	Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A)	688.12	57.80
11 68 13 00-0220	EA	Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B)	956.46	57.80
11 68 13 00-0221	EA	Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A)	158.44	23.11
11 68 13 00-0222	EA	Steering Wheel (Landscape Structures® PlayShaper® 111306A)	297.24	23.11
11 68 13 00-0223	EA	Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B)	399.02	23.11
11 68 13 00-0224	EA	Handloop (Landscape Structures® PlayShaper® 119977A)	232.47	23.11
11 68 13 00-0225	EA	Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A)	631.49	34.67
11 68 13 00-0226	EA	16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B)	649.99	34.67
11 68 13 00-0227	EA	24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C)	659.24	34.67
11 68 13 00-0228	EA	32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D)	677.75	34.67
11 68 13 00-0229	EA	40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E)	687.00	34.67
11 68 13 00-0230	EA	48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F)	705.51	34.67
11 68 13 00-0231	EA	Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A) Note: Order one talk tube tubing kit with two talk tubes (any height listed).	605.83	208.05
11 68 13 00-0232	EA	Arch Roof (Landscape Structures® PlayShaper® 111407A)	957.60	69.35
11 68 13 00-0233	EA	Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A)	1,794.92	138.70
11 68 13 00-0234	EA	Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A)	1,989.23	138.70
11 68 13 00-0235	EA	Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A)	4,117.42	138.70
11 68 13 00-0236	EA	Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B)	4,783.64	138.70
11 68 13 00-0237	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A)	1,039.74	57.80
11 68 13 00-0238	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A)	993.47	57.80
11 68 13 00-0239	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A)	1,011.98	57.80
11 68 13 00-0240	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A)	816.55	34.67
11 68 13 00-0241	EA	Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A)	1,642.17	208.05
11 68 13 00-0242	EA	Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B)	1,503.37	208.05
11 68 13 00-0243	EA	Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C)	1,383.09	208.05
11 68 13 00-0244	EA	Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A)	195.45	23.11
11 68 13 00-0245	EA	8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A)	173.25	23.11
11 68 13 00-0246	EA	16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B)	250.97	23.11
11 68 13 00-0247	EA	8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A)	210.26	23.11
11 68 13 00-0248	EA	16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B)	306.49	23.11
11 68 13 00-0249	EA	To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A)	3,090.18	277.39
11 68 13 00-0250	EA	To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B)	3,525.07	277.39
11 68 13 00-0251	EA	To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C)	3,710.13	277.39
11 68 13 00-0252	EA	56"/SpyroSlide, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399A)	1,855.14	69.35
11 68 13 00-0253	EA	48" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399B)	1,818.13	69.35
11 68 13 00-0254	EA	40" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399C)	1,799.63	69.35
11 68 13 00-0255	EA	32" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399D)	1,771.87	69.35
11 68 13 00-0256	EA	24" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399E)	1,744.11	69.35
11 68 13 00-0257	EA	16" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399F)	1,725.60	69.35
11 68 13 00-0258	EA	8" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399G)	1,707.10	69.35
11 68 13 00-0259	EA	Ground Level, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399H)	1,688.59	69.35
11 68 13 00-0260	EA	82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A)	418.67	34.67
11 68 13 00-0261	EA	74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B)	400.16	34.67
11 68 13 00-0262	EA	66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C)	372.40	34.67
11 68 13 00-0263	EA	58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D)	363.15	34.67
11 68 13 00-0264	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E)	353.90	34.67
11 68 13 00-0265	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F)	344.64	34.67
11 68 13 00-0266	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A)	772.39	208.05
11 68 13 00-0267	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B)	735.38	208.05
11 68 13 00-0268	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C)	726.12	208.05
11 68 13 00-0269	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D)	427.92	34.67
11 68 13 00-0270	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E)	418.67	34.67
11 68 13 00-0271	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F)	400.16	34.67
11 68 13 00-0272	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G)	372.40	34.67
11 68 13 00-0273	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H)	363.15	34.67
11 68 13 00-0274	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A)	492.69	34.67
11 68 13 00-0275	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B)	483.44	34.67
11 68 13 00-0276	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C)	455.68	34.67
11 68 13 00-0277	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D)	446.43	34.67
11 68 13 00-0278	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E)	437.17	34.67
11 68 13 00-0279	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F)	418.67	34.67
11 68 13 00-0280	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G)	400.16	34.67
11 68 13 00-0281	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H)	372.40	34.67
11 68 13 00-0282	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A)	2,718.26	244.58
11 68 13 00-0283	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B)	2,682.76	241.42
11 68 13 00-0284	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C)	2,185.32	196.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0285	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D)	2,149.70	193.43
11 68 13 00-0286	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A)	444.14	39.98
11 68 13 00-0287	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B)	426.39	38.40
11 68 13 00-0288	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A)	483.24	43.46
11 68 13 00-0289	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B)	461.91	41.56
11 68 13 00-0290	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A)	9,062.91	346.75
11 68 13 00-0291	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A)	4,825.20	208.05
11 68 13 00-0292		Playground Equipment (Landscape Structures® Independent Pieces) *(11 68 13 00-0120)*		
11 68 13 00-0293	EA	9-Blocks, Block Climber (Landscape Structures® 117966A)	3,936.75	346.75
11 68 13 00-0294	EA	12-Blocks, Block Climber (Landscape Structures® 117966B)	4,445.66	346.75
11 68 13 00-0295	EA	116-Blocks, Block Climber (Landscape Structures® 117966C)	5,458.79	416.10
11 68 13 00-0296	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A)	4,089.51	277.39
11 68 13 00-0297	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A)	6,597.19	462.33
11 68 13 00-0298	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A)	4,556.87	208.05
11 68 13 00-0299	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A)	12,190.10	624.14
11 68 13 00-0300	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A)	10,964.32	416.10
11 68 13 00-0301	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B)	8,072.84	346.75
11 68 13 00-0302	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C)	9,518.57	381.42
11 68 13 00-0303	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D)	12,410.07	450.77
11 68 13 00-0304	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E)	13,855.80	485.44
11 68 13 00-0305	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F)	10,686.73	416.10
11 68 13 00-0306	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G)	7,887.78	346.75
11 68 13 00-0307	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H)	9,287.25	381.42
11 68 13 00-0308	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I)	12,086.21	450.77
11 68 13 00-0309	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J)	13,485.68	485.44
11 68 13 00-0310	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A)	447.55	57.80
11 68 13 00-0311	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A)	456.80	57.80
11 68 13 00-0312	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A)	466.05	57.80
11 68 13 00-0313	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A)	475.31	57.80
11 68 13 00-0314	EA	Track Ride Curved (Landscape Structures® 118093A)	4,459.78	138.70
11 68 13 00-0315	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A)	6,800.47	416.10
11 68 13 00-0316	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B)	6,615.41	416.10
11 68 13 00-0317	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A)	5,727.12	416.10
11 68 13 00-0318	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B)	5,357.00	416.10
11 68 13 00-0319	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A)	5,958.45	416.10
11 68 13 00-0320	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B)	5,773.39	416.10
11 68 13 00-0321	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A)	568.98	69.35
11 68 13 00-0322	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A)	20,346.38	832.19
11 68 13 00-0323	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A)	17,644.01	1,248.28
11 68 13 00-0324	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,948.87	693.49
11 68 13 00-0325	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	7,217.02	277.39
11 68 13 00-0326	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	11,704.24	693.49
11 68 13 00-0327	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	745.92	92.47
11 68 13 00-0328	EA	Straight Crawl Tunnel (Landscape Structures® 100005A)	2,391.66	208.05
11 68 13 00-0329	EA	Curved Crawl Tunnel (Landscape Structures® 100005D)	3,030.12	208.05
11 68 13 00-0330	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	661.35	208.05
11 68 13 00-0331	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	920.44	208.05
11 68 13 00-0332	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,331.95	416.10
11 68 13 00-0333	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,896.38	416.10
11 68 13 00-0334	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,331.95	416.10
11 68 13 00-0335	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,896.38	416.10
11 68 13 00-0336	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,865.75	554.79
11 68 13 00-0337	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,680.86	416.10
11 68 13 00-0338	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,618.28	277.39
11 68 13 00-0339	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	1,050.13	69.35
11 68 13 00-0340	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	922.86	104.02
11 68 13 00-0341	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A)	15,118.75	554.79
11 68 13 00-0342	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B)	15,734.16	485.44
11 68 13 00-0343	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	4,237.39	416.10
11 68 13 00-0344	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	4,339.17	416.10
11 68 13 00-0345	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	5,093.37	346.75
11 68 13 00-0346	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,580.59	277.39
11 68 13 00-0347	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,531.29	69.35
11 68 13 00-0348	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	2,266.82	138.70
11 68 13 00-0349	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	2,174.29	138.70
11 68 13 00-0350	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	604.85	57.80
11 68 13 00-0351	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	8,095.73	554.79
11 68 13 00-0352	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,895.70	416.10
11 68 13 00-0353	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,710.64	416.10
11 68 13 00-0354	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	3,395.37	416.10
11 68 13 00-0355	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	2,243.77	69.35
11 68 13 00-0356	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A)	3,141.16	208.05
11 68 13 00-0357	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A)	5,653.26	277.39
11 68 13 00-0358	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	8,156.12	346.75
11 68 13 00-0359	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	3,303.16	138.70
11 68 13 00-0360	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,849.76	138.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0361	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,654.77	138.70
11 68 13 00-0362	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	3,155.11	138.70
11 68 13 00-0363	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	4,413.52	138.70
11 68 13 00-0364	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,932.36	138.70
11 68 13 00-0365	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	417.53	23.11
11 68 13 00-0366	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	343.50	23.11
11 68 13 00-0367	EA	Stationary Cycler, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,575.12	173.37
11 68 13 00-0368	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,404.02	104.02
11 68 13 00-0369	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,464.08	173.37
11 68 13 00-0370	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	2,151.09	208.05
11 68 13 00-0371	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	334.25	23.11
11 68 13 00-0372	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	278.73	23.11
11 68 13 00-0373	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,815.69	173.37
11 68 13 00-0374	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,845.74	208.05
11 68 13 00-0375	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,827.23	208.05
11 68 13 00-0376	EA	Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	2,151.09	208.05
11 68 13 00-0377	EA	RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,797.19	173.37
11 68 13 00-0378	EA	T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,827.23	208.05
11 68 13 00-0379	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,708.53	242.72
11 68 13 00-0380	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,835.81	208.05
11 68 13 00-0381	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,458.70	242.72
11 68 13 00-0382	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,576.72	208.05
11 68 13 00-0383	EA	Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,852.71	173.37
11 68 13 00-0384	EA	Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,508.07	138.70
11 68 13 00-0385	EA	Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,538.11	173.37
11 68 13 00-0386	EA	Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,519.60	173.37
11 68 13 00-0387	EA	Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,852.71	173.37
11 68 13 00-0388	EA	RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,498.82	138.70
11 68 13 00-0389	EA	T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,519.60	173.37
11 68 13 00-0390	EA	Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,898.97	173.37
11 68 13 00-0391	EA	Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	2,028.51	173.37
11 68 13 00-0392	EA	Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,935.98	173.37
11 68 13 00-0393	EA	Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,609.86	138.70
11 68 13 00-0394	EA	Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,730.15	138.70
11 68 13 00-0395	EA	Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,646.87	138.70
11 68 13 00-0396	EA	SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	11,815.11	832.19
11 68 13 00-0397	EA	40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	6,305.52	346.75
11 68 13 00-0398	EA	Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	7,619.44	346.75
11 68 13 00-0399	EA	Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	23,149.39	1,386.98
11 68 13 00-0400	EA	Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,978.47	277.39
11 68 13 00-0401	EA	Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	2,188.10	208.05
11 68 13 00-0402	EA	12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	43,625.31	2,219.17
11 68 13 00-0403	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	24,074.37	1,664.37
11 68 13 00-0404	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	21,844.39	1,664.37
11 68 13 00-0405	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	10,408.97	554.79
11 68 13 00-0406	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,505.80	104.02
11 68 13 00-0407	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,681.61	104.02
11 68 13 00-0408	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	5,357.00	416.10
11 68 13 00-0409	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	1,135.68	104.02
11 68 13 00-0410	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,228.21	104.02
11 68 13 00-0411	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	5,179.18	554.79
11 68 13 00-0412	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	5,023.73	554.79
11 68 13 00-0413	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	3,254.89	277.39
11 68 13 00-0414	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	3,099.43	277.39
11 68 13 00-0415	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,682.89	416.10
11 68 13 00-0416	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,838.34	416.10
11 68 13 00-0417	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,919.76	208.05
11 68 13 00-0418	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	2,075.21	208.05
11 68 13 00-0419	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	3,080.76	416.10
11 68 13 00-0420	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	3,236.21	416.10
11 68 13 00-0421	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,317.64	208.05
11 68 13 00-0422	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,473.09	208.05
11 68 13 00-0423	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,161.17	69.35
11 68 13 00-0424	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,930.52	554.79
11 68 13 00-0425	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	4,145.02	277.39
11 68 13 00-0426	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	5,393.85	554.79
11 68 13 00-0427	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,478.81	277.39
11 68 13 00-0428	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,683.05	277.39
11 68 13 00-0429	EA	Curved Balance Beam (Landscape Structures® 100041A)	1,134.55	92.47
11 68 13 00-0430	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	2,010.01	173.37
11 68 13 00-0431	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	4,274.57	277.39
11 68 13 00-0432	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,774.23	277.39
11 68 13 00-0433	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	4,265.31	277.39
11 68 13 00-0434	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,764.97	277.39
11 68 13 00-0435	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	21,223.48	2,496.56
11 68 13 00-0436	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	20,612.78	2,496.56
11 68 13 00-0437	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	13,331.63	1,664.37
11 68 13 00-0438	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	13,590.72	1,664.37
11 68 13 00-0439	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,997.65	277.39
11 68 13 00-0440	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,905.12	277.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0441	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	27.29	11.56
11 68 13 00-0442	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	86.03	11.56
11 68 13 00-0443	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	1,074.49	23.11
11 68 13 00-0444	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	594.47	34.67
11 68 13 00-0445	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	594.47	34.67
11 68 13 00-0446	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	557.46	34.67
11 68 13 00-0447	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,140.40	34.67
11 68 13 00-0448	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	964.59	34.67
11 68 13 00-0449	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	964.59	34.67
11 68 13 00-0450	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	325.00	23.11
11 68 13 00-0451	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	809.56	69.35
11 68 13 00-0452	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	418.67	34.67
11 68 13 00-0453	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	400.16	34.67
11 68 13 00-0454	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	130.68	23.11
11 68 13 00-0455	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	123.28	23.11
11 68 13 00-0456	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	10.87	3.47
11 68 13 00-0457	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	13.42	
11 68 13 00-0458	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	307.63	34.67
11 68 13 00-0459	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	102.92	17.34
11 68 13 00-0460	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	353.90	34.67
11 68 13 00-0461	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	298.38	34.67
11 68 13 00-0462	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	5,116.59	277.39
11 68 13 00-0463	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	186.20	17.34
11 68 13 00-0464	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	186.20	17.34
11 68 13 00-0465	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	186.20	17.34
11 68 13 00-0466	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	186.20	17.34
11 68 13 00-0467	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	186.20	17.34
11 68 13 00-0468	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	186.20	17.34
11 68 13 00-0469	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	195.45	17.34
11 68 13 00-0470	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,646.19	138.70
11 68 13 00-0471	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,723.92	138.70
11 68 13 00-0472	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	92.53	
11 68 13 00-0473	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,840.51	138.70
11 68 13 00-0474	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,918.23	138.70
11 68 13 00-0475	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,455.76	208.05
11 68 13 00-0476	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	27,933.84	832.19
11 68 13 00-0477	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	15,794.22	554.79
11 68 13 00-0478	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	15,794.22	554.79
11 68 13 00-0479	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A)	2,165.04	138.70
11 68 13 00-0480	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B)	2,320.49	138.70
11 68 13 00-0481	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C)	2,405.62	138.70
11 68 13 00-0482	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D)	2,561.07	138.70
11 68 13 00-0483	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A)	1,244.45	69.35
11 68 13 00-0484	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B)	1,399.90	69.35
11 68 13 00-0485	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C)	1,327.72	69.35
11 68 13 00-0486	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D)	1,483.17	69.35
11 68 13 00-0487	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A)	2,257.57	138.70
11 68 13 00-0488	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B)	2,494.44	138.70
11 68 13 00-0489	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C)	2,498.14	138.70
11 68 13 00-0490	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D)	2,735.02	138.70
11 68 13 00-0491	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A)	1,318.47	69.35
11 68 13 00-0492	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B)	1,670.93	138.70
11 68 13 00-0493	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C)	1,401.75	69.35
11 68 13 00-0494	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D)	1,754.20	138.70
11 68 13 00-0495	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A)	2,350.10	138.70
11 68 13 00-0496	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B)	2,505.55	138.70
11 68 13 00-0497	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C)	2,590.68	138.70
11 68 13 00-0498	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D)	2,746.13	138.70
11 68 13 00-0499	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A)	1,420.25	69.35
11 68 13 00-0500	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B)	1,691.28	138.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0501	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C)	1,503.53	69.35
11 68 13 00-0502	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D)	1,774.56	138.70
11 68 13 00-0503	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A)	2,442.63	138.70
11 68 13 00-0504	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B)	2,679.50	138.70
11 68 13 00-0505	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C)	2,683.20	138.70
11 68 13 00-0506	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D)	2,920.08	138.70
11 68 13 00-0507	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A)	1,503.53	69.35
11 68 13 00-0508	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B)	1,855.99	138.70
11 68 13 00-0509	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C)	1,702.39	138.70
11 68 13 00-0510	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D)	1,939.26	138.70
11 68 13 00-0511	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A)	2,165.04	138.70
11 68 13 00-0512	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B)	2,405.62	138.70
11 68 13 00-0513	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A)	1,831.93	138.70
11 68 13 00-0514	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B)	2,081.76	138.70
11 68 13 00-0515	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A)	1,850.44	138.70
11 68 13 00-0516	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B)	2,100.27	138.70
11 68 13 00-0517	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A)	1,831.93	138.70
11 68 13 00-0518	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B)	2,081.76	138.70
11 68 13 00-0519	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A)	2,165.04	138.70
11 68 13 00-0520	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B)	2,405.62	138.70
11 68 13 00-0521	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A)	1,989.23	138.70
11 68 13 00-0522	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B)	2,211.30	138.70
11 68 13 00-0523	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A)	2,100.27	138.70
11 68 13 00-0524	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B)	2,340.84	138.70
11 68 13 00-0525	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A)	2,016.99	138.70
11 68 13 00-0526	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B)	2,248.31	138.70
11 68 13 00-0527	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A)	2,091.01	138.70
11 68 13 00-0528	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A)	2,886.77	138.70
11 68 13 00-0529	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A)	1,420.25	69.35
11 68 13 00-0530	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B)	1,429.51	69.35
11 68 13 00-0531	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C)	1,438.76	69.35
11 68 13 00-0532	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,590.68	138.70
11 68 13 00-0533	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	4,455.08	208.05
11 68 13 00-0534	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	6,726.61	277.39
11 68 13 00-0535	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	8,387.44	346.75
11 68 13 00-0536	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	418.67	34.67
11 68 13 00-0537	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	437.17	34.67
11 68 13 00-0538	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	14,683.86	554.79
11 68 13 00-0539	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	7,762.95	277.39
11 68 13 00-0540	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	8,017.32	346.75
11 68 13 00-0541	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	8,146.86	346.75
11 68 13 00-0542	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	9,904.93	346.75
11 68 13 00-0543	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	10,034.48	346.75
11 68 13 00-0544	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	10,182.52	346.75
11 68 13 00-0545	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	12,583.59	416.10
11 68 13 00-0546	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	12,731.64	416.10
11 68 13 00-0547	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	12,870.44	416.10
11 68 13 00-0548	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,368.60	138.70
11 68 13 00-0549	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	2,044.75	138.70
11 68 13 00-0550	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,951.54	138.70
11 68 13 00-0551	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	2,044.75	138.70
11 68 13 00-0552	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,313.08	138.70
11 68 13 00-0553	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,989.23	138.70
11 68 13 00-0554	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,896.02	138.70
11 68 13 00-0555	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,989.23	138.70
11 68 13 00-0556	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,465.01	208.05
11 68 13 00-0557	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,409.49	208.05
11 68 13 00-0558	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,940.11	277.39
11 68 13 00-0559	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,884.59	277.39
11 68 13 00-0560	EA	The Peak Natural Climber (Landscape Structures® 160418A)	8,591.01	346.75
11 68 13 00-0561	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	4,353.30	208.05
11 68 13 00-0562	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	10,645.17	346.75
11 68 13 00-0563	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	7,855.48	277.39
11 68 13 00-0564	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	7,448.35	277.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0565	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	7,855.48	277.39
11 68 13 00-0566	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	7,448.35	277.39
11 68 13 00-0567	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	4,251.52	208.05
11 68 13 00-0568	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,835.13	208.05
11 68 13 00-0569	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	9,821.66	346.75
11 68 13 00-0570	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	9,414.53	346.75
11 68 13 00-0571	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,835.13	208.05
11 68 13 00-0572	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,428.00	208.05
11 68 13 00-0573	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures®161314A)	3,733.35	208.05
11 68 13 00-0574	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,428.00	208.05
11 68 13 00-0575	EA	HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	4,455.08	208.05
11 68 13 00-0576	EA	HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,658.65	208.05
11 68 13 00-0577	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,529.78	208.05
11 68 13 00-0578	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,428.00	208.05
11 68 13 00-0579	EA	HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	4,455.08	208.05
11 68 13 00-0580	EA	HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,658.65	208.05
11 68 13 00-0581	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,665.38	138.70
11 68 13 00-0582	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,142.66	69.35
11 68 13 00-0583	EA	Global Releaf Sign With Frame (Landscape Structures® 162617A)	1,022.37	69.35
11 68 13 00-0584	EA	Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,318.47	69.35
11 68 13 00-0585	EA	Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,683.88	138.70
11 68 13 00-0586	EA	Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,544.41	138.70
11 68 13 00-0587	EA	Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,729.47	138.70
11 68 13 00-0588	EA	16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,952.22	138.70
11 68 13 00-0589	EA	24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,970.72	138.70

11 68 13 00-0590 Playground Equipment (Landscape Structures® PlayBooster®) *(11 68 13 00-0120)*

11 68 13 00-0591	EA	116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,822.68	138.70
11 68 13 00-0592	EA	Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,952.22	138.70
11 68 13 00-0593	EA	Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	781.80	69.35
11 68 13 00-0594	EA	Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	744.78	69.35
11 68 13 00-0595	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	594.47	34.67
11 68 13 00-0596	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	585.22	34.67
11 68 13 00-0597	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	557.46	34.67
11 68 13 00-0598	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	548.21	34.67
11 68 13 00-0599	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	520.45	34.67
11 68 13 00-0600	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	511.20	34.67
11 68 13 00-0601	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G)	492.69	34.67
11 68 13 00-0602	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H)	483.44	34.67
11 68 13 00-0603	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I)	455.68	34.67
11 68 13 00-0604	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J)	446.43	34.67
11 68 13 00-0605	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A)	520.45	34.67
11 68 13 00-0606	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B)	501.94	34.67
11 68 13 00-0607	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C)	492.69	34.67
11 68 13 00-0608	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D)	483.44	34.67
11 68 13 00-0609	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E)	455.68	34.67
11 68 13 00-0610	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F)	446.43	34.67
11 68 13 00-0611	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G)	437.17	34.67
11 68 13 00-0612	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H)	418.67	34.67
11 68 13 00-0613	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I)	400.16	34.67
11 68 13 00-0614	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J)	372.40	34.67
11 68 13 00-0615	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A)	735.53	69.35
11 68 13 00-0616	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B)	707.77	69.35
11 68 13 00-0617	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C)	680.01	69.35
11 68 13 00-0618	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D)	603.73	34.67
11 68 13 00-0619	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E)	594.47	34.67
11 68 13 00-0620	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F)	575.97	34.67
11 68 13 00-0621	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G)	548.21	34.67
11 68 13 00-0622	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H)	538.96	34.67
11 68 13 00-0623	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I)	520.45	34.67
11 68 13 00-0624	EA	ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A)	5,853.42	231.16
11 68 13 00-0625	EA	TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A)	7,582.11	624.14
11 68 13 00-0626	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A)	2,509.67	173.37
11 68 13 00-0627	EA	Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B)	2,778.01	173.37
11 68 13 00-0628	EA	Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A)	3,224.43	208.05
11 68 13 00-0629	EA	40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A)	3,926.52	196.49
11 68 13 00-0630	EA	48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B)	4,473.59	208.05
11 68 13 00-0631	EA	56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C)	4,732.67	208.05
11 68 13 00-0632	EA	64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D)	5,298.24	231.16
11 68 13 00-0633	EA	72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E)	5,548.07	231.16
11 68 13 00-0634	EA	96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F)	7,421.72	300.52
11 68 13 00-0635	EA	Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A)	1,165.71	138.70
11 68 13 00-0636	EA	Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B)	1,193.47	138.70
11 68 13 00-0637	EA	Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A)	1,572.84	138.70
11 68 13 00-0638	EA	Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B)	1,619.11	138.70
11 68 13 00-0639	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A)	5,939.94	416.10
11 68 13 00-0640	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B)	6,846.73	416.10
11 68 13 00-0641	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C)	7,374.16	416.10
11 68 13 00-0642	EA	56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D)	8,715.68	554.79
11 68 13 00-0643	EA	64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E)	8,928.49	554.79
11 68 13 00-0644	EA	72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F)	10,427.48	554.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0645	EA	96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G)	12,296.43	693.49
11 68 13 00-0646	EA	40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A)	9,680.58	312.07
11 68 13 00-0647	EA	56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B)	12,174.18	381.42
11 68 13 00-0648	EA	Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A)	2,137.28	138.70
11 68 13 00-0649	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A)	2,835.81	208.05
11 68 13 00-0650	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B)	3,159.66	208.05
11 68 13 00-0651	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C)	3,520.53	208.05
11 68 13 00-0652	EA	56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D)	3,996.98	277.39
11 68 13 00-0653	EA	64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E)	4,163.53	277.39
11 68 13 00-0654	EA	72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F)	4,755.72	277.39
11 68 13 00-0655	EA	96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G)	5,685.57	346.75
11 68 13 00-0656	EA	72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A)	8,463.57	520.11
11 68 13 00-0657	EA	72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B)	8,784.01	473.88
11 68 13 00-0658	EA	56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C)	7,686.32	520.11
11 68 13 00-0659	EA	56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D)	7,979.00	473.88
11 68 13 00-0660	EA	32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A)	3,037.09	173.37
11 68 13 00-0661	EA	48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B)	3,305.43	173.37
11 68 13 00-0662	EA	64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C)	4,082.68	173.37
11 68 13 00-0663	EA	32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A)	3,360.95	173.37
11 68 13 00-0664	EA	48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B)	3,629.28	173.37
11 68 13 00-0665	EA	64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C)	4,425.04	173.37
11 68 13 00-0666	EA	32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A)	3,425.72	173.37
11 68 13 00-0667	EA	40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B)	3,629.28	173.37
11 68 13 00-0668	EA	48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C)	4,176.35	196.49
11 68 13 00-0669	EA	56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D)	4,418.07	208.05
11 68 13 00-0670	EA	64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E)	4,936.24	208.05
11 68 13 00-0671	EA	72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F)	5,112.05	208.05
11 68 13 00-0672	EA	96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G)	6,745.12	277.39
11 68 13 00-0673	EA	Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A)	1,225.94	69.35
11 68 13 00-0674	EA	Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A)	2,162.77	104.02
11 68 13 00-0675	EA	Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A)	4,889.97	208.05
11 68 13 00-0676	EA	32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A)	3,163.07	265.83
11 68 13 00-0677	EA	40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B)	3,681.23	265.83
11 68 13 00-0678	EA	32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A)	3,579.45	265.83
11 68 13 00-0679	EA	40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B)	4,116.12	265.83
11 68 13 00-0680	EA	Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A)	3,880.25	196.49
11 68 13 00-0681	EA	Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A)	3,807.37	208.05
11 68 13 00-0682	EA	Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	4,084.96	208.05
11 68 13 00-0683	EA	Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,584.62	208.05
11 68 13 00-0684	EA	Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,852.96	208.05
11 68 13 00-0685	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,854.99	208.05
11 68 13 00-0686	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,956.77	208.05
11 68 13 00-0687	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	2,086.31	208.05
11 68 13 00-0688	EA	Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,521.21	208.05
11 68 13 00-0689	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,622.99	208.05
11 68 13 00-0690	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,752.53	208.05
11 68 13 00-0691	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,854.31	208.05
11 68 13 00-0692	EA	Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	4,089.51	277.39
11 68 13 00-0693	EA	Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	5,255.38	277.39
11 68 13 00-0694	EA	Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,940.11	277.39
11 68 13 00-0695	EA	Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	7,429.84	277.39
11 68 13 00-0696	EA	Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	6,708.11	277.39
11 68 13 00-0697	EA	Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,940.11	277.39
11 68 13 00-0698	EA	Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	5,144.35	277.39
11 68 13 00-0699	EA	Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	7,152.25	277.39
11 68 13 00-0700	EA	Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	6,708.11	277.39
11 68 13 00-0701	EA	Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	6,263.96	277.39
11 68 13 00-0702	EA	48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	3,159.66	208.05
11 68 13 00-0703	EA	64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	4,094.21	208.05
11 68 13 00-0704	EA	24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,463.41	173.37
11 68 13 00-0705	EA	48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	2,110.66	161.81
11 68 13 00-0706	EA	48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,832.39	161.81
11 68 13 00-0707	EA	48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,508.54	161.81
11 68 13 00-0708	EA	40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	2,232.08	173.37
11 68 13 00-0709	EA	48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,343.12	173.37
11 68 13 00-0710	EA	64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,435.65	173.37
11 68 13 00-0711	EA	40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,417.82	173.37
11 68 13 00-0712	EA	48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,491.84	173.37
11 68 13 00-0713	EA	64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,612.13	173.37
11 68 13 00-0714	EA	40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,815.69	173.37
11 68 13 00-0715	EA	48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,889.72	173.37
11 68 13 00-0716	EA	64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,991.50	173.37
11 68 13 00-0717	EA	48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,435.65	173.37
11 68 13 00-0718	EA	56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,454.15	173.37
11 68 13 00-0719	EA	64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,889.04	173.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0720	EA	72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,907.55	173.37
11 68 13 00-0721	EA	48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,824.27	173.37
11 68 13 00-0722	EA	56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,870.54	173.37
11 68 13 00-0723	EA	64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	3,305.43	173.37
11 68 13 00-0724	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	3,333.19	173.37
11 68 13 00-0725	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	5,530.69	242.72
11 68 13 00-0726	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	4,531.37	242.72
11 68 13 00-0727	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,591.35	138.70
11 68 13 00-0728	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,794.92	138.70
11 68 13 00-0729	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,998.48	138.70
11 68 13 00-0730	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	2,257.57	138.70
11 68 13 00-0731	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	5,405.69	312.07
11 68 13 00-0732	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	7,427.72	104.02
11 68 13 00-0733	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	7,374.32	277.39
11 68 13 00-0734	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	7,374.32	277.39
11 68 13 00-0735	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	7,374.32	277.39
11 68 13 00-0736	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	7,427.72	104.02
11 68 13 00-0737	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,691.11	138.70
11 68 13 00-0738	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	9,595.20	138.70
11 68 13 00-0739	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	5,313.33	173.37
11 68 13 00-0740	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	242.86	34.67
11 68 13 00-0741	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	279.87	34.67
11 68 13 00-0742	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	1,047.87	34.67
11 68 13 00-0743	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	372.40	34.67
11 68 13 00-0744	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	3,307.71	208.05
11 68 13 00-0745	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,548.29	208.05
11 68 13 00-0746	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,714.84	208.05
11 68 13 00-0747	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	4,057.20	208.05
11 68 13 00-0748	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,714.84	208.05
11 68 13 00-0749	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,983.18	208.05
11 68 13 00-0750	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,857.42	104.02
11 68 13 00-0751	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B)	2,634.67	104.02
11 68 13 00-0752	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C)	3,421.17	104.02
11 68 13 00-0753	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D)	4,198.43	104.02
11 68 13 00-0754	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A)	1,792.65	104.02
11 68 13 00-0755	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B)	2,051.73	104.02
11 68 13 00-0756	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C)	2,320.07	104.02
11 68 13 00-0757	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D)	2,431.10	104.02
11 68 13 00-0758	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A)	2,144.26	104.02
11 68 13 00-0759	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B)	2,421.85	104.02
11 68 13 00-0760	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C)	2,680.93	104.02
11 68 13 00-0761	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D)	2,940.02	104.02
11 68 13 00-0762	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A)	5,077.29	242.72
11 68 13 00-0763	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B)	5,206.84	242.72
11 68 13 00-0764	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C)	5,132.81	242.72
11 68 13 00-0765	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A)	5,900.81	242.72
11 68 13 00-0766	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B)	6,030.35	242.72
11 68 13 00-0767	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C)	5,974.84	242.72
11 68 13 00-0768	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A)	1,973.00	173.37
11 68 13 00-0769	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B)	2,167.31	173.37
11 68 13 00-0770	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C)	2,370.87	173.37
11 68 13 00-0771	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A)	2,548.96	208.05
11 68 13 00-0772	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B)	2,752.53	208.05
11 68 13 00-0773	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C)	2,946.84	208.05
11 68 13 00-0774	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A)	2,380.13	173.37
11 68 13 00-0775	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B)	2,565.19	173.37
11 68 13 00-0776	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C)	2,778.01	173.37
11 68 13 00-0777	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A)	1,369.28	138.70
11 68 13 00-0778	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A)	1,776.41	138.70
11 68 13 00-0779	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A)	1,591.35	138.70
11 68 13 00-0780	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B)	1,720.89	138.70
11 68 13 00-0781	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A)	1,998.48	138.70
11 68 13 00-0782	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B)	2,109.52	138.70
11 68 13 00-0783	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A)	1,180.82	92.47
11 68 13 00-0784	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B)	1,301.10	92.47
11 68 13 00-0785	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C)	1,449.15	92.47
11 68 13 00-0786	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D)	1,737.13	104.02
11 68 13 00-0787	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E)	1,959.20	104.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0788	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F)	2,162.77	104.02
11 68 13 00-0789	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G)	2,440.35	104.02
11 68 13 00-0790	EA	48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A)	2,542.14	104.02
11 68 13 00-0791	EA	64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B)	2,634.67	104.02
11 68 13 00-0792	EA	48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A)	2,949.27	104.02
11 68 13 00-0793	EA	64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B)	3,051.05	104.02
11 68 13 00-0794	EA	48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A)	2,518.92	173.37
11 68 13 00-0795	EA	64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B)	2,639.21	173.37
11 68 13 00-0796	EA	48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A)	3,446.51	208.05
11 68 13 00-0797	EA	64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B)	3,594.55	208.05
11 68 13 00-0798	EA	48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A)	2,926.05	173.37
11 68 13 00-0799	EA	64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B)	3,037.09	173.37
11 68 13 00-0800	EA	32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A)	1,341.52	138.70
11 68 13 00-0801	EA	40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B)	1,794.92	138.70
11 68 13 00-0802	EA	56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C)	2,258.71	161.81
11 68 13 00-0803	EA	72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D)	2,721.36	161.81
11 68 13 00-0804	EA	32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A)	2,174.29	138.70
11 68 13 00-0805	EA	40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B)	2,313.08	138.70
11 68 13 00-0806	EA	48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C)	2,636.94	138.70
11 68 13 00-0807	EA	64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D)	2,960.80	138.70
11 68 13 00-0808	EA	32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A)	2,590.68	138.70
11 68 13 00-0809	EA	40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B)	2,720.22	138.70
11 68 13 00-0810	EA	48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C)	3,044.07	138.70
11 68 13 00-0811	EA	64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D)	3,377.18	138.70
11 68 13 00-0812	EA	Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A)	1,625.51	208.05
11 68 13 00-0813	EA	64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A)	1,905.95	138.70
11 68 13 00-0814	EA	PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A)	2,095.57	208.05
11 68 13 00-0815	EA	48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A)	8,502.86	554.79
11 68 13 00-0816	EA	48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B)	8,502.86	554.79
11 68 13 00-0817	EA	48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A)	1,702.39	138.70
11 68 13 00-0818	EA	56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B)	1,702.39	138.70
11 68 13 00-0819	EA	64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C)	1,878.19	138.70
11 68 13 00-0820	EA	72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D)	1,878.19	138.70
11 68 13 00-0821	EA	24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A)	1,098.67	104.02
11 68 13 00-0822	EA	40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B)	1,181.95	104.02
11 68 13 00-0823	EA	56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C)	1,237.47	104.02
11 68 13 00-0824	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D)	1,311.49	104.02
11 68 13 00-0825	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A)	1,718.62	104.02
11 68 13 00-0826	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B)	1,792.65	104.02
11 68 13 00-0827	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C)	1,857.42	104.02
11 68 13 00-0828	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D)	1,940.69	104.02
11 68 13 00-0829	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A)	1,496.55	104.02
11 68 13 00-0830	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B)	1,552.07	104.02
11 68 13 00-0831	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C)	1,635.34	104.02
11 68 13 00-0832	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D)	1,718.62	104.02
11 68 13 00-0833	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D)	1,279.02	173.37
11 68 13 00-0834	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E)	1,325.29	173.37
11 68 13 00-0835	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F)	1,408.56	173.37
11 68 13 00-0836	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A)	1,778.68	173.37
11 68 13 00-0837	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B)	1,852.71	173.37
11 68 13 00-0838	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C)	1,908.23	173.37
11 68 13 00-0839	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D)	1,973.00	173.37
11 68 13 00-0840	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E)	2,037.77	173.37
11 68 13 00-0841	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F)	2,102.54	173.37
11 68 13 00-0842	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A)	1,491.84	173.37
11 68 13 00-0843	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B)	1,565.86	173.37
11 68 13 00-0844	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C)	1,612.13	173.37
11 68 13 00-0845	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D)	1,658.39	173.37
11 68 13 00-0846	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E)	1,713.91	173.37
11 68 13 00-0847	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F)	1,797.19	173.37
11 68 13 00-0848	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A)	2,544.41	138.70
11 68 13 00-0849	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A)	1,792.65	104.02
11 68 13 00-0850	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A)	3,594.55	208.05
11 68 13 00-0851	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A)	902.08	69.35
11 68 13 00-0852	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A)	2,544.41	138.70
11 68 13 00-0853	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A)	4,575.37	208.05
11 68 13 00-0854	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A)	3,629.28	173.37
11 68 13 00-0855	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A)	3,446.51	208.05
11 68 13 00-0856	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A)	3,851.35	173.37
11 68 13 00-0857	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A)	2,491.16	173.37
11 68 13 00-0858	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A)	1,577.55	69.35
11 68 13 00-0859	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A)	1,540.54	69.35
11 68 13 00-0860	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A)	1,623.82	69.35
11 68 13 00-0861	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A)	1,253.70	69.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0862	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A)	1,734.86	69.35
11 68 13 00-0863	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A)	1,392.49	69.35
11 68 13 00-0864	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A)	1,771.87	69.35
11 68 13 00-0865	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A)	3,629.28	173.37
11 68 13 00-0866	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A)	1,540.54	69.35
11 68 13 00-0867	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A)	2,657.89	34.67
11 68 13 00-0868	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A)	2,283.05	104.02
11 68 13 00-0869	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B)	2,023.97	104.02
11 68 13 00-0870	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B)	1,739.40	138.70
11 68 13 00-0871	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B)	1,831.93	138.70
11 68 13 00-0872	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A)	3,414.19	138.70
11 68 13 00-0873	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A)	3,839.83	138.70
11 68 13 00-0874	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A)	4,887.53	312.07
11 68 13 00-0875	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A)	6,212.99	346.75
11 68 13 00-0876	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A)	13,453.06	693.49
11 68 13 00-0877	EA	16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A)	7,374.16	416.10
11 68 13 00-0878	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A)	2,919.24	69.35
11 68 13 00-0879	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A)	3,113.55	69.35
11 68 13 00-0880	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A)	5,683.45	173.37
11 68 13 00-0881	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B)	7,321.23	173.37
11 68 13 00-0882	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A)	2,977.03	104.02
11 68 13 00-0883	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A)	4,505.89	277.39
11 68 13 00-0884	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A)	5,209.12	277.39
11 68 13 00-0885	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A)	446.43	34.67
11 68 13 00-0886	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A)	673.03	104.02
11 68 13 00-0887	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B)	821.08	104.02
11 68 13 00-0888	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A)	654.53	104.02
11 68 13 00-0889	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A)	4,862.21	208.05
11 68 13 00-0890	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A)	6,159.90	242.72
11 68 13 00-0891	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A)	6,981.15	208.05
11 68 13 00-0892	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A)	8,535.65	208.05
11 68 13 00-0893	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A)	4,251.19	485.44
11 68 13 00-0894	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A)	5,884.26	554.79
11 68 13 00-0895	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A)	5,884.26	554.79
11 68 13 00-0896	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A)	4,353.45	69.35
11 68 13 00-0897	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A)	2,845.22	69.35
11 68 13 00-0898	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A)	3,282.21	242.72
11 68 13 00-0899	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B)	3,627.01	138.70
11 68 13 00-0900	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A)	4,302.48	138.70
11 68 13 00-0901	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A)	2,775.74	138.70
11 68 13 00-0902	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A)	7,078.23	277.39
11 68 13 00-0903	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B)	7,078.23	277.39
11 68 13 00-0904	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A)	7,078.23	277.39
11 68 13 00-0905	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B)	7,078.23	277.39
11 68 13 00-0906	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A)	4,531.37	242.72
11 68 13 00-0907	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A)	4,013.20	242.72
11 68 13 00-0908	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A)	4,142.74	242.72
11 68 13 00-0909	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A)	2,217.15	92.47
11 68 13 00-0910	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A)	2,106.12	92.47
11 68 13 00-0911	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A)	2,484.35	69.35
11 68 13 00-0912	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A)	1,919.92	69.35
11 68 13 00-0913	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A)	1,847.03	92.47
11 68 13 00-0914	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A)	1,708.24	92.47
11 68 13 00-0915	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A)	1,133.41	69.35
11 68 13 00-0916	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A)	837.31	69.35
11 68 13 00-0917	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A)	846.57	69.35
11 68 13 00-0918	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A)	1,623.82	69.35
11 68 13 00-0919	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A)	1,319.61	92.47
11 68 13 00-0920	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A)	1,013.12	69.35
11 68 13 00-0921	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A)	1,013.12	69.35
11 68 13 00-0922	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A)	1,540.54	69.35
11 68 13 00-0923	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A)	1,475.77	69.35
11 68 13 00-0924	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A)	1,744.11	69.35

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11 68 13 00-0925	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A)	2,077.22	69.35
11 68 13 00-0926	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A)	1,919.92	69.35
11 68 13 00-0927	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A)	1,031.63	69.35
11 68 13 00-0928	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A)	1,727.87	104.02
11 68 13 00-0929	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B)	1,986.96	104.02
11 68 13 00-0930	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A)	1,253.70	69.35
11 68 13 00-0931	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B)	1,448.01	69.35
11 68 13 00-0932	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A)	1,161.17	69.35
11 68 13 00-0933	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A)	976.11	69.35
11 68 13 00-0934	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A)	929.84	69.35
11 68 13 00-0935	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A)	1,599.47	127.14
11 68 13 00-0936	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A)	2,144.26	104.02
11 68 13 00-0937	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A)	1,458.41	92.47
11 68 13 00-0938	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A)	837.31	69.35
11 68 13 00-0939	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A)	865.07	69.35
11 68 13 00-0940	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A)	418.67	34.67
11 68 13 00-0941	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B)	210.26	23.11
11 68 13 00-0942	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A)	1,095.26	57.80
11 68 13 00-0943	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B)	1,309.22	69.35
11 68 13 00-0944	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A)	948.35	69.35
11 68 13 00-0945	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A)	2,382.56	69.35
11 68 13 00-0946	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A)	2,077.22	69.35
11 68 13 00-0947	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B)	2,595.38	69.35
11 68 13 00-0948	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A)	865.07	69.35
11 68 13 00-0949	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A)	930.98	92.47
11 68 13 00-0950	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B)	1,105.65	69.35
11 68 13 00-0951	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B)	1,190.07	92.47
11 68 13 00-0952	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A)	920.59	69.35
11 68 13 00-0953	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B)	1,179.68	69.35
11 68 13 00-0954	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A)	744.78	69.35
11 68 13 00-0955	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A)	949.49	92.47
11 68 13 00-0956	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A)	899.82	34.67
11 68 13 00-0957	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A)	645.83	34.67
11 68 13 00-0958	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A)	1,177.41	34.67
11 68 13 00-0959	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A)	1,992.80	57.80
11 68 13 00-0960	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A)	1,076.75	57.80
11 68 13 00-0961	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A)	1,641.18	57.80
11 68 13 00-0962	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A)	1,235.19	69.35
11 68 13 00-0963	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B)	1,503.53	69.35
11 68 13 00-0964	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A)	3,021.02	69.35
11 68 13 00-0965	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B)	3,253.49	92.47
11 68 13 00-0966	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A)	1,882.90	69.35
11 68 13 00-0967	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A)	968.00	92.47
11 68 13 00-0968	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A)	1,171.56	92.47
11 68 13 00-0969	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B)	1,236.33	92.47
11 68 13 00-0970	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B)	1,439.90	92.47
11 68 13 00-0971	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C)	1,031.63	69.35
11 68 13 00-0972	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D)	1,299.96	69.35
11 68 13 00-0973	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A)	649.99	34.67
11 68 13 00-0974	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A)	250.97	23.11
11 68 13 00-0975	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A)	278.73	23.11
11 68 13 00-0976	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A)	364.27	57.80
11 68 13 00-0977	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A)	355.02	57.80
11 68 13 00-0978	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B)	1,877.06	127.14
11 68 13 00-0979	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C)	811.83	104.02
11 68 13 00-0980	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D)	756.31	104.02
11 68 13 00-0981	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A)	966.86	69.35
11 68 13 00-0982	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A)	2,579.15	104.02
11 68 13 00-0983	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A)	909.08	34.67
11 68 13 00-0984	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B)	964.59	34.67
11 68 13 00-0985	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A)	687.00	34.67
11 68 13 00-0986	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B)	696.26	34.67
11 68 13 00-0987	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C)	705.51	34.67
11 68 13 00-0988	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D)	714.76	34.67
11 68 13 00-0989	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E)	724.02	34.67
11 68 13 00-0990	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F)	742.52	34.67
11 68 13 00-0991	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G)	751.78	34.67
11 68 13 00-0992	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H)	770.28	34.67
11 68 13 00-0993	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I)	779.53	34.67
11 68 13 00-0994	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A)	1,075.63	34.67
11 68 13 00-0995	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A)	3,284.49	277.39
11 68 13 00-0996	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A)	4,607.67	277.39
11 68 13 00-0997	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A)	3,779.61	208.05
11 68 13 00-0998	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A)	4,029.44	208.05
11 68 13 00-0999	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A)	6,270.93	242.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1000	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A)	389.77	23.11
11 68 13 00-1001	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A)	15,553.32	832.19
11 68 13 00-1002	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A)	5,171.62	693.49
11 68 13 00-1003	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A)	26,610.16	1,248.28
11 68 13 00-1004	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B)	20,808.53	1,248.28
11 68 13 00-1005	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C)	19,688.92	1,248.28
11 68 13 00-1006	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D)	26,767.46	1,248.28
11 68 13 00-1007	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E)	20,965.83	1,248.28
11 68 13 00-1008	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F)	19,855.47	1,248.28
11 68 13 00-1009	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A)	1,364.74	69.35
11 68 13 00-1010	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A)	1,309.22	69.35
11 68 13 00-1011	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A)	1,272.20	69.35
11 68 13 00-1012	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A)	1,029.36	34.67
11 68 13 00-1013	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A)	3,851.35	173.37
11 68 13 00-1014	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A)	1,021.23	57.80
11 68 13 00-1015	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A)	1,094.14	34.67
11 68 13 00-1016	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A)	772.54	69.35
11 68 13 00-1017	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A)	623.35	57.80
11 68 13 00-1018	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B)	771.40	57.80
11 68 13 00-1019	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A)	3,358.52	277.39
11 68 13 00-1020	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B)	3,802.66	277.39
11 68 13 00-1021	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C)	3,987.72	277.39
11 68 13 00-1022	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A)	3,710.13	277.39
11 68 13 00-1023	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B)	4,145.02	277.39
11 68 13 00-1024	EA	To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C)	4,302.33	277.39
11 68 13 00-1025	EA	Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A)	1,956.93	69.35
11 68 13 00-1026	EA	Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B)	1,892.16	69.35
11 68 13 00-1027	EA	Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C)	1,818.13	69.35
11 68 13 00-1028	EA	Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D)	1,799.63	69.35
11 68 13 00-1029	EA	Arch/Ground Level (Landscape Structures® PlayBooster® 111406E)	1,679.34	69.35
11 68 13 00-1030	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J)	651.11	57.80
11 68 13 00-1031	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K)	632.61	57.80
11 68 13 00-1032	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L)	623.35	57.80
11 68 13 00-1033	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M)	614.10	57.80
11 68 13 00-1034	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N)	604.85	57.80
11 68 13 00-1035	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O)	586.34	57.80
11 68 13 00-1036	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P)	577.09	57.80
11 68 13 00-1037	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q)	567.84	57.80
11 68 13 00-1038	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R)	549.33	57.80
11 68 13 00-1039	EA	106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J)	614.10	57.80
11 68 13 00-1040	EA	98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K)	604.85	57.80
11 68 13 00-1041	EA	90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L)	586.34	57.80
11 68 13 00-1042	EA	82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M)	577.09	57.80
11 68 13 00-1043	EA	74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N)	567.84	57.80
11 68 13 00-1044	EA	66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O)	549.33	57.80
11 68 13 00-1045	EA	58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P)	540.08	57.80
11 68 13 00-1046	EA	50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q)	530.82	57.80
11 68 13 00-1047	EA	42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R)	521.57	57.80
11 68 13 00-1048	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M)	483.44	34.67
11 68 13 00-1049	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N)	799.89	34.67
11 68 13 00-1050	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O)	446.43	34.67
11 68 13 00-1051	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P)	437.17	34.67
11 68 13 00-1052	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q)	427.92	34.67
11 68 13 00-1053	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R)	418.67	34.67
11 68 13 00-1054	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S)	400.16	34.67
11 68 13 00-1055	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T)	372.40	34.67
11 68 13 00-1056	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U)	353.90	34.67
11 68 13 00-1057	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V)	344.64	34.67
11 68 13 00-1058	EA	156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W)	548.21	34.67
11 68 13 00-1059	EA	182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z)	631.49	34.67
11 68 13 00-1060	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K)	557.46	34.67
11 68 13 00-1061	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L)	548.21	34.67
11 68 13 00-1062	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M)	538.96	34.67
11 68 13 00-1063	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N)	520.45	34.67
11 68 13 00-1064	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O)	511.20	34.67
11 68 13 00-1065	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P)	501.94	34.67
11 68 13 00-1066	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q)	492.69	34.67
11 68 13 00-1067	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R)	483.44	34.67
11 68 13 00-1068	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S)	455.68	34.67
11 68 13 00-1069	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T)	446.43	34.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1070	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A)	2,617.13	1,248.28
11 68 13 00-1071	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B)	2,626.39	1,248.28
11 68 13 00-1072	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C)	2,644.89	1,248.28
11 68 13 00-1073	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A)	2,358.71	693.49
11 68 13 00-1074	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B)	2,303.19	693.49
11 68 13 00-1075	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C)	2,275.43	693.49
11 68 13 00-1076	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D)	2,118.13	693.49
11 68 13 00-1077	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E)	2,081.12	693.49
11 68 13 00-1078	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A)	741.08	69.35
11 68 13 00-1079	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A)	1,915.21	138.70
11 68 13 00-1080	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B)	1,656.12	138.70
11 68 13 00-1081	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B)	3,987.42	208.05
11 68 13 00-1082	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C)	4,168.24	208.05
11 68 13 00-1083	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B)	5,624.99	277.39
11 68 13 00-1084	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C)	5,255.38	277.39
11 68 13 00-1085	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A)	744.78	69.35
11 68 13 00-1086	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B)	717.02	69.35
11 68 13 00-1087	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C)	689.27	69.35
11 68 13 00-1088	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D)	680.01	69.35
11 68 13 00-1089	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E)	603.73	34.67
11 68 13 00-1090	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F)	585.22	34.67
11 68 13 00-1091	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G)	557.46	34.67
11 68 13 00-1092	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H)	548.21	34.67
11 68 13 00-1093	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I)	538.96	34.67
11 68 13 00-1094	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B)	1,841.18	138.70
11 68 13 00-1095	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B)	5,996.83	277.39
11 68 13 00-1096	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B)	5,624.99	277.39
11 68 13 00-1097	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C)	5,806.59	277.39
11 68 13 00-1098	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A)	6,004.88	277.39
11 68 13 00-1099	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A)	27,933.84	832.19
11 68 13 00-1100	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A)	15,794.22	554.79
11 68 13 00-1101	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A)	1,392.49	69.35
11 68 13 00-1102	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A)	4,954.74	208.05
11 68 13 00-1103	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B)	4,455.08	208.05
11 68 13 00-1104	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A)	5,792.06	277.39
11 68 13 00-1105	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A)	5,579.24	277.39
11 68 13 00-1106	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B)	4,973.25	208.05
11 68 13 00-1107	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C)	4,732.67	208.05
11 68 13 00-1108	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D)	4,233.01	208.05
11 68 13 00-1109	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A)	6,837.65	277.39
11 68 13 00-1110	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A)	744.78	69.35
11 68 13 00-1111	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A)	1,105.65	69.35
11 68 13 00-1112	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B)	1,225.94	69.35
11 68 13 00-1113	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A)	1,850.44	138.70
11 68 13 00-1114	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B)	1,979.98	138.70
11 68 13 00-1115	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C)	2,072.51	138.70
11 68 13 00-1116	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D)	2,174.29	138.70
11 68 13 00-1117	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A)	3,122.65	208.05
11 68 13 00-1118	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A)	1,979.98	138.70
11 68 13 00-1119	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A)	1,794.92	138.70
11 68 13 00-1120	EA	Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A)	1,475.77	69.35
11 68 13 00-1121	EA	Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B)	1,151.92	69.35
11 68 13 00-1122	EA	Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C)	2,174.29	138.70
11 68 13 00-1123	EA	Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D)	1,151.92	69.35
11 68 13 00-1124	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A)	2,970.05	138.70
11 68 13 00-1125	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B)	2,942.29	138.70
11 68 13 00-1126	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A)	9,062.91	346.75
11 68 13 00-1127	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A)	9,534.81	346.75
11 68 13 00-1128	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A)	4,825.20	208.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1129	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A)	5,671.77	277.39
11 68 13 00-1130	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A)	846.57	69.35
11 68 13 00-1131	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A)	4,889.97	208.05
11 68 13 00-1132	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A)	9,655.10	346.75
11 68 13 00-1133	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A)	3,122.65	208.05
11 68 13 00-1134	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A)	1,327.72	69.35
11 68 13 00-1135	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A)	1,198.18	69.35
11 68 13 00-1136	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A)	1,207.43	69.35
11 68 13 00-1137	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A)	2,692.46	138.70
11 68 13 00-1138	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A)	2,146.53	138.70
11 68 13 00-1139	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A)	1,124.16	69.35
11 68 13 00-1140	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A)	1,309.22	69.35
11 68 13 00-1141	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A)	1,225.94	69.35
11 68 13 00-1142		**Playground Equipment (Landscape Structures® Evos™)** *(11 68 13 00-0120)*		
11 68 13 00-1143	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A)	1,022.37	69.35
11 68 13 00-1144	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A)	1,198.18	69.35
11 68 13 00-1145	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A)	4,575.37	208.05
11 68 13 00-1146	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A)	3,529.78	208.05
11 68 13 00-1147	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A)	8,284.68	196.49
11 68 13 00-1148	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A)	6,412.01	277.39
11 68 13 00-1149	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A)	4,286.25	173.37
11 68 13 00-1150	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A)	8,841.00	208.05
11 68 13 00-1151	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A)	2,091.01	138.70
11 68 13 00-1152	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A)	2,717.95	104.02
11 68 13 00-1153	EA	E-Pod Step (Landscape Structures® Evos™ 156454A)	426.78	23.11
11 68 13 00-1154	EA	Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A)	1,919.92	69.35
11 68 13 00-1155	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A)	1,391.35	57.80
11 68 13 00-1156	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,400.61	57.80
11 68 13 00-1157	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,409.86	57.80
11 68 13 00-1158	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,959.52	312.07
11 68 13 00-1159	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	8,202.55	208.05
11 68 13 00-1160	EA	ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,590.00	138.70
11 68 13 00-1161	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,853.79	69.35
11 68 13 00-1162	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	33,670.70	832.19
11 68 13 00-1163	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	37,972.85	1,248.28
11 68 13 00-1164	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	4,311.41	416.10
11 68 13 00-1165	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,952.22	138.70
11 68 13 00-1166	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,970.72	138.70
11 68 13 00-1167	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,309.22	69.35
11 68 13 00-1168	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,207.43	69.35
11 68 13 00-1169	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	1,031.63	69.35
11 68 13 00-1170	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	2,137.28	138.70
11 68 13 00-1171	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	1,105.65	69.35
11 68 13 00-1172	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,785.66	138.70
11 68 13 00-1173	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	698.52	69.35
11 68 13 00-1174	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	957.60	69.35
11 68 13 00-1175	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,235.19	69.35
11 68 13 00-1176	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,886.77	138.70
11 68 13 00-1177	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,529.78	208.05
11 68 13 00-1178	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	6,254.71	277.39
11 68 13 00-1179	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,572.17	138.70
11 68 13 00-1180	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,803.49	138.70
11 68 13 00-1181	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	38,509.53	1,248.28
11 68 13 00-1182	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	42,118.20	1,248.28
11 68 13 00-1183	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	4,482.84	208.05
11 68 13 00-1184	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	8,331.92	346.75
11 68 13 00-1185	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,998.48	138.70
11 68 13 00-1186	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,507.40	138.70
11 68 13 00-1187	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,507.40	138.70
11 68 13 00-1188		**Playground Equipment (Landscape Structures® Weevos™)** *(11 68 13 00-0120)*		
11 68 13 00-1189	EA	Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	1,022.37	69.35
11 68 13 00-1190	EA	ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,618.43	138.70
11 68 13 00-1191		**Playground Equipment (Landscape Structures® Parts)** *(11 68 13 00-0120)*		
11 68 13 00-1192	EA	52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	111.47	34.67
11 68 13 00-1193	EA	66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	117.02	34.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1194	EA	Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	109.62	34.67
11 68 13 00-1195	EA	Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	13.41	6.93
11 68 13 00-1196	EA	Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	13.41	6.93
11 68 13 00-1197	EA	Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	13.41	6.93
11 68 13 00-1198	EA	Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	13.41	6.93
11 68 13 00-1199	EA	D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	170.69	34.67
11 68 13 00-1200	EA	(2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	87.88	13.87
11 68 13 00-1201	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	54.57	13.87
11 68 13 00-1202	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	56.42	13.87
11 68 13 00-1203	EA	2-3/8" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	112.18	17.34
11 68 13 00-1204	EA	3-1/2" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	112.18	17.34
11 68 13 00-1205	EA	TenderTuff Repair Kit (Landscape Structures® 138717A)	12.03	
11 68 13 00-1206	EA	Anti-Wrap, 2-3/8" Diameter Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	147.34	17.34
11 68 13 00-1207	EA	(2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	93.43	13.87
11 68 13 00-1208	EA	65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	115.17	34.67
11 68 13 00-1209	EA	43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	104.99	34.67
11 68 13 00-1210	EA	87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	141.08	34.67
11 68 13 00-1211	EA	29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	100.36	34.67
11 68 13 00-1212	EA	49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	109.62	34.67
11 68 13 00-1213	EA	67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	118.87	34.67
11 68 13 00-1214	EA	76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	128.12	34.67
11 68 13 00-1215	EA	90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	146.63	34.67
11 68 13 00-1216	EA	37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	103.14	34.67
11 68 13 00-1217	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	168.84	34.67
11 68 13 00-1218	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	828.06	69.35
11 68 13 00-1219	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	326.14	34.67
11 68 13 00-1220	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	316.88	34.67
11 68 13 00-1221	EA	Nylon Basketball Net (Landscape Structures® 100082A)	54.81	17.34
11 68 13 00-1222	EA	Chain Basketball Net (Landscape Structures® 100083A)	67.76	17.34
11 68 13 00-1223	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A)	1,475.77	69.35
11 68 13 00-1224	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,225.94	69.35
11 68 13 00-1225	EA	Warning Label (Landscape Structures® 115176A)	0.19	
11 68 13 00-1226	EA	PS Spare Parts Kit (Landscape Structures® 107040A)	62.92	
11 68 13 00-1227	EA	PB Spare Parts Kit (Landscape Structures® 107043A)	136.94	
11 68 13 00-1228	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	809.56	69.35
11 68 13 00-1229	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A)	170.69	34.67
11 68 13 00-1230	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A)	957.60	69.35

11 68 13 00-1231 Playground Equipment (Landscape Structures® Site Furniture) *(11 68 13 00-0120)*

11 68 13 00-1232	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A)	1,599.47	127.14
11 68 13 00-1233	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B)	830.33	104.02
11 68 13 00-1234	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C)	1,405.16	127.14
11 68 13 00-1235	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D)	811.83	104.02
11 68 13 00-1236	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E)	2,293.45	127.14
11 68 13 00-1237	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F)	1,080.16	104.02
11 68 13 00-1238	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G)	1,997.35	127.14
11 68 13 00-1239	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H)	1,052.41	104.02
11 68 13 00-1240	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A)	395.44	104.02
11 68 13 00-1241	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A)	243.69	104.02
11 68 13 00-1242	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A)	296.23	92.47
11 68 13 00-1243	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A)	1,006.14	104.02
11 68 13 00-1244	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A)	866.21	92.47
11 68 13 00-1245	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B)	866.21	92.47
11 68 13 00-1246	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A)	522.71	69.35
11 68 13 00-1247	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B)	772.54	69.35
11 68 13 00-1248	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A)	2,548.80	346.75
11 68 13 00-1249	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B)	2,456.27	346.75
11 68 13 00-1250	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C)	2,326.73	346.75
11 68 13 00-1251	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D)	3,168.75	346.75
11 68 13 00-1252	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E)	3,066.97	346.75
11 68 13 00-1253	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F)	2,928.17	346.75
11 68 13 00-1254	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G)	2,669.09	346.75
11 68 13 00-1255	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H)	2,548.80	346.75
11 68 13 00-1256	EA	60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I)	2,419.26	346.75
11 68 13 00-1257	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J)	3,289.04	346.75
11 68 13 00-1258	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K)	3,168.75	346.75
11 68 13 00-1259	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L)	3,020.70	346.75
11 68 13 00-1260	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A)	830.33	104.02
11 68 13 00-1261	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B)	913.61	104.02
11 68 13 00-1262	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C)	895.10	104.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1263	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D)	978.38	104.02
11 68 13 00-1264	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E)	1,218.96	104.02
11 68 13 00-1265	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F)	1,135.68	104.02
11 68 13 00-1266	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G)	1,292.98	104.02
11 68 13 00-1267	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H)	1,209.71	104.02
11 68 13 00-1268	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A)	171.40	23.11
11 68 13 00-1269	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A)	846.57	69.35
11 68 13 00-1270	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B)	865.07	69.35
11 68 13 00-1271	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C)	550.47	69.35
11 68 13 00-1272	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D)	578.23	69.35
11 68 13 00-1273	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E)	865.07	69.35
11 68 13 00-1274	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F)	902.08	69.35
11 68 13 00-1275	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G)	578.23	69.35
11 68 13 00-1276	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H)	615.24	69.35
11 68 13 00-1277	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A)	1,989.07	277.39
11 68 13 00-1278	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B)	2,081.61	277.39
11 68 13 00-1279	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C)	2,090.86	277.39
11 68 13 00-1280	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D)	2,229.65	277.39
11 68 13 00-1281	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E)	2,044.59	277.39
11 68 13 00-1282	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F)	2,155.63	277.39
11 68 13 00-1283	EA	Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A)	1,891.02	57.80
11 68 13 00-1284	EA	Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B)	1,715.21	57.80
11 68 13 00-1285	EA	Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C)	1,567.16	57.80
11 68 13 00-1286	EA	Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A)	837.31	69.35
11 68 13 00-1287	EA	Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C)	717.02	69.35
11 68 13 00-1288	EA	Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D)	966.86	69.35

11 68 16 Play Structures *(11 68)*

11 68 16 00-0001 Playground Shade Structures *(11 68 16)*

Note: Shade Structures, Inc. dba USA Shade & Fabric Structures, exclude custom engineering, architect fees, site survey, temporary fencing, logos, post pads, special equipment (e.g. cranes for limited site access, hydro-excavation for high soil water table), soil removal from site, core drilling for concrete slab on grade, cutting of pavers or specialty finished surfaces including removal of tiles, alternate footing configuration due to site specific geotechnical report requirements, underground utility scan, moving or re-routing of underground utilities, and hard rock subsurface conditions.

11 68 16 00-0002 Single Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0003	EA	8' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,691.35
		For Powdura® Epoxy Primer Powder Coat, Add	*1,928.77*
11 68 16 00-0004	EA	10' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,742.44
		For Powdura® Epoxy Primer Powder Coat, Add	*1,931.87*
11 68 16 00-0005	EA	9' x 13' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,784.15
		For Powdura® Epoxy Primer Powder Coat, Add	*1,934.97*
11 68 16 00-0006	EA	10' x 12' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,203.68
		For Powdura® Epoxy Primer Powder Coat, Add	*2,041.86*
11 68 16 00-0007	EA	11' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,245.39
		For Powdura® Epoxy Primer Powder Coat, Add	*2,044.96*
11 68 16 00-0008	EA	10' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,422.00
		For Powdura® Epoxy Primer Powder Coat, Add	*2,058.61*
11 68 16 00-0009	EA	12' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	29,391.05
		For Powdura® Epoxy Primer Powder Coat, Add	*2,037.11*
11 68 16 00-0010	EA	10' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	29,729.67
		For Powdura® Epoxy Primer Powder Coat, Add	*2,060.26*
11 68 16 00-0011	EA	10' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	30,397.66
		For Powdura® Epoxy Primer Powder Coat, Add	*2,106.99*
11 68 16 00-0012	EA	14' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	33,278.13
		For Powdura® Epoxy Primer Powder Coat, Add	*2,306.71*
11 68 16 00-0013	EA	14' x 17' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	34,029.70
		For Powdura® Epoxy Primer Powder Coat, Add	*2,357.78*
11 68 16 00-0014	EA	12' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	33,221.33
		For Powdura® Epoxy Primer Powder Coat, Add	*2,302.37*
11 68 16 00-0015	EA	12' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	33,752.01
		For Powdura® Epoxy Primer Powder Coat, Add	*2,339.38*
11 68 16 00-0016	EA	15' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	33,221.33
		For Powdura® Epoxy Primer Powder Coat, Add	*2,302.37*
11 68 16 00-0017	EA	15' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	33,878.99
		For Powdura® Epoxy Primer Powder Coat, Add	*2,348.06*
11 68 16 00-0018	EA	17' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	33,752.01
		For Powdura® Epoxy Primer Powder Coat, Add	*2,339.38*
11 68 16 00-0019	EA	17' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	35,793.10
		For Powdura® Epoxy Primer Powder Coat, Add	*2,480.59*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0020	EA	18' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	30,839.55	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,137.80*	
11 68 16 00-0021	EA	18' x 18' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	31,964.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,215.53*	
11 68 16 00-0022	EA	18' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,040.85	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,151.23*	
11 68 16 00-0023	EA	18' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	32,549.20	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,255.23*	
11 68 16 00-0024	EA	18' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,351.61	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,172.94*	
11 68 16 00-0025	EA	18' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	33,058.22	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,291.41*	
11 68 16 00-0026	EA	20' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	32,642.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,261.85*	
11 68 16 00-0027	EA	20' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	34,092.69	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,362.74*	
11 68 16 00-0028	EA	20' x 21' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0029	EA	20' x 21' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,417.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,008.83*	
11 68 16 00-0030	EA	20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	39,993.02	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,772.10*	
11 68 16 00-0031	EA	20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	44,049.42	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,053.28*	
11 68 16 00-0032	EA	18' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0033	EA	18' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,115.86	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,780.37*	
11 68 16 00-0034	EA	16' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,978.14	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,701.40*	
11 68 16 00-0035	EA	16' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,349.43	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,004.70*	
11 68 16 00-0036	EA	19' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0037	EA	19' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,349.43	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,004.70*	
11 68 16 00-0038	EA	20' x 23' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0039	EA	20' x 23' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,349.43	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,004.70*	
11 68 16 00-0040	EA	20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0041	EA	20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,417.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,008.83*	
11 68 16 00-0042	EA	20' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0043	EA	20' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,417.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,008.83*	
11 68 16 00-0044	EA	20' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	38,768.56	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,687.13*	
11 68 16 00-0045	EA	20' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	43,567.26	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,019.79*	
11 68 16 00-0046	EA	21' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	53,368.06	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,698.76*	
11 68 16 00-0047	EA	21' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	57,024.89	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,952.03*	
11 68 16 00-0048	EA	24' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	52,050.66	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,607.17*	
11 68 16 00-0049	EA	24' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	54,596.65	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,784.15*	
11 68 16 00-0050	EA	23' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	53,368.06	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,698.76*	
11 68 16 00-0051	EA	23' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	55,080.87	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,817.85*	
11 68 16 00-0052	EA	23' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	52,050.66	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,607.17*	
11 68 16 00-0053	EA	23' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	54,596.65	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,784.15*	
11 68 16 00-0054	EA	25' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	52,456.44	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,635.70*	
11 68 16 00-0055	EA	25' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	55,203.71	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,826.12*	
11 68 16 00-0056	EA	25' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	53,920.38	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,736.59*	
11 68 16 00-0057	EA	25' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	55,687.93	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,859.82*	
11 68 16 00-0058	EA	26' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	56,177.24	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,892.69*	
11 68 16 00-0059	EA	26' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	57,860.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,010.12*	
11 68 16 00-0060	EA	29' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	56,216.52	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,896.62*	
11 68 16 00-0061	EA	29' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	57,860.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,010.12*	
11 68 16 00-0062	EA	30' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	56,578.99	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,921.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0063	EA	30' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	58,295.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,040.31*	
11 68 16 00-0064	EA	19' x 36' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	65,177.94	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.07*	
11 68 16 00-0065	EA	19' x 36' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	70,251.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,869.17*	
11 68 16 00-0066	EA	18' x 33' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	65,177.94	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.07*	
11 68 16 00-0067	EA	18' x 33' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	70,251.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,869.17*	
11 68 16 00-0068	EA	17' x 32' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	65,177.94	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.07*	
11 68 16 00-0069	EA	17' x 32' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	70,251.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,869.17*	
11 68 16 00-0070	EA	20' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	65,177.94	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.07*	
11 68 16 00-0071	EA	20' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	70,251.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,869.17*	
11 68 16 00-0072	EA	21' x 39' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	67,808.58	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,699.84*	
11 68 16 00-0073	EA	21' x 39' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	76,289.92	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,287.01*	
11 68 16 00-0074	EA	24' x 37' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	67,808.58	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,699.84*	
11 68 16 00-0075	EA	24' x 37' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	76,289.92	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,287.01*	
11 68 16 00-0076	EA	27' x 38' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	67,808.58	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,699.84*	
11 68 16 00-0077	EA	27' x 38' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	76,289.92	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,287.01*	
11 68 16 00-0078	EA	24' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	67,717.72	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,693.43*	
11 68 16 00-0079	EA	24' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	75,957.50	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,264.48*	
11 68 16 00-0080	EA	27' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	68,016.08	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,713.90*	
11 68 16 00-0081	EA	27' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	76,425.16	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,296.52*	
11 68 16 00-0082	EA	30' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	66,222.80	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,713.90*	
11 68 16 00-0083	EA	30' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	76,425.16	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,296.52*	

11 68 16 00-0084 Double Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0085	EA	20' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	62,586.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,697.77*	
11 68 16 00-0086	EA	20' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	64,837.25	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,866.69*	
11 68 16 00-0087	EA	20' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	89,996.36	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,755.35*	
11 68 16 00-0088	EA	20' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	93,765.02	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,038.80*	
11 68 16 00-0089	EA	26' x 48' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	94,470.82	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,091.32*	
11 68 16 00-0090	EA	25' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,017.83	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,907.31*	
11 68 16 00-0091	EA	25' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	94,470.82	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,091.32*	
11 68 16 00-0092	EA	25' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,017.83	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,907.31*	
11 68 16 00-0093	EA	25' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	94,470.82	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,091.32*	
11 68 16 00-0094	EA	27' x 38' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	66,408.57	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,984.74*	
11 68 16 00-0095	EA	27' x 38' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	73,182.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,493.55*	
11 68 16 00-0096	EA	30' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	66,408.57	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,984.74*	
11 68 16 00-0097	EA	30' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	73,182.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,493.55*	
11 68 16 00-0098	EA	26' x 47' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,578.05	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,949.28*	
11 68 16 00-0099	EA	26' x 47' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,090.03	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,138.25*	
11 68 16 00-0100	EA	30' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,578.05	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,949.28*	
11 68 16 00-0101	EA	30' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,090.03	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,138.25*	
11 68 16 00-0102	EA	28' x 53' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	99,914.68	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,500.27*	
11 68 16 00-0103	EA	28' x 53' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	103,608.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,777.32*	
11 68 16 00-0104	EA	29' x 58' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	98,094.99	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,363.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0105	EA	29' x 58' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	103,608.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,777.32*	
11 68 16 00-0106	EA	30' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	98,094.99	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,363.40*	
11 68 16 00-0107	EA	30' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	103,608.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,777.32*	
11 68 16 00-0108	EA	27' x 74' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	144,350.58	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,835.77*	
11 68 16 00-0109	EA	28' x 59' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	103,608.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,777.32*	
11 68 16 00-0110	EA	20' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	148,334.50	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,134.73*	
11 68 16 00-0111	EA	30' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	151,512.68	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,373.32*	

11 68 16 00-0112 Interconnected Quad Lineal Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0113	EA	30' x 160' Quad-Lineal Ridge Shade Structure, 12' Opening Height, 10 Posts	281,222.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*22,025.70*	

11 68 16 00-0114 Quad Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0115	EA	36' x 36' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	88,882.11	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,672.03*	
11 68 16 00-0116	EA	34' x 39' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	97,612.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,327.22*	
11 68 16 00-0117	EA	34' x 39' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	99,952.27	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,502.96*	
11 68 16 00-0118	EA	40' x 40' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	105,149.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,893.30*	
11 68 16 00-0119	EA	40' x 40' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	110,787.16	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,316.52*	
11 68 16 00-0120	EA	36' x 54' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	115,856.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,696.94*	
11 68 16 00-0121	EA	36' x 54' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	124,356.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,335.18*	
11 68 16 00-0122	EA	38' x 55' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	109,835.99	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,714.10*	
11 68 16 00-0123	EA	38' x 55' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	124,356.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,335.18*	
11 68 16 00-0124	EA	40' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	115,856.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,696.94*	
11 68 16 00-0125	EA	40' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	124,356.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,335.18*	
11 68 16 00-0126	EA	40' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	125,547.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,424.08*	
11 68 16 00-0127	EA	40' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	134,132.80	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,068.93*	
11 68 16 00-0128	EA	50' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	170,991.96	
		For Powdura® Epoxy Primer Powder Coat, Add	*12,835.45*	
11 68 16 00-0129	EA	50' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	177,700.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,339.72*	
11 68 16 00-0130	EA	50' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	176,873.57	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,277.07*	
11 68 16 00-0131	EA	50' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	171,039.30	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,569.83*	
11 68 16 00-0132	EA	56' x 59' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	181,501.45	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,673.62*	
11 68 16 00-0133	EA	56' x 59' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	188,927.84	
		For Powdura® Epoxy Primer Powder Coat, Add	*14,268.64*	
11 68 16 00-0134	EA	60' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	182,234.83	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,673.62*	
11 68 16 00-0135	EA	60' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	190,081.43	
		For Powdura® Epoxy Primer Powder Coat, Add	*14,268.64*	

11 68 16 00-0136 Peak-Roof Triangle *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0137	EA	30' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	48,676.47	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,654.10*	

11 68 16 00-0138 Peak-Roof Hexagon *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0139	EA	38' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	85,502.18	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,418.35*	
11 68 16 00-0140	EA	40' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	89,136.69	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,691.46*	
11 68 16 00-0141	EA	50' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	148,686.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,160.99*	
11 68 16 00-0142	EA	52' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	153,893.89	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,552.16*	
11 68 16 00-0143	EA	55' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	157,732.98	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,840.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0144	EA	60' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	162,475.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*12,196.60*	

11 68 16 00-0145 Free-Form Tri-Sail *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0146	EA	18' Single Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 3 Posts	34,470.62	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,587.89*	
11 68 16 00-0147	EA	18' Double Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 4 Posts	45,903.33	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,446.11*	
11 68 16 00-0148	EA	18' Triple Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 5 Posts	71,291.47	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,351.52*	
11 68 16 00-0149	EA	30' Double Free-Form Tri-Sail Shade Structure, 14' Opening Height, 5 Posts	101,178.76	

11 68 16 00-0150 Free-Form Hypar *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0151	EA	20' x 20' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts	51,056.37	
11 68 16 00-0152	EA	20' x 40' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts	64,083.51	
11 68 16 00-0153	EA	30' x 30' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts	70,074.46	
11 68 16 00-0154	EA	30' x 60' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts	85,327.64	

11 68 16 00-0155 Mariners *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0156	EA	30' x 30' Single Mariner Shade Structure, 10' Opening Height, 4 Posts	61,756.40	
11 68 16 00-0157	EA	30' x 30' Single Mariner Shade Structure, 12' Opening Height, 4 Posts	67,945.71	
11 68 16 00-0158	EA	30' x 60' Mariner Peak Joined Shade Structure, 10' Opening Height, 6 Posts	90,406.60	
11 68 16 00-0159	EA	30' x 60' Mariner Peak Joined Shade Structure, 12' Opening Height, 6 Posts	96,300.85	
11 68 16 00-0160	EA	60' x 60' Mariner Peak Quad Shade Structure, 10' Opening Height, 9 Posts	139,136.10	
11 68 16 00-0161	EA	60' x 60' Mariner Peak Quad Shade Structure, 12' Opening Height, 9 Posts	143,097.32	

11 68 16 00-0162 Single Post Pyramid *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0163	EA	14' x 14' Single Post Pyramid Shade Structure, 10' Opening Height, 1 Post	21,294.12	
11 68 16 00-0164	EA	14' x 14' Single Post Pyramid Shade Structure, 12' Opening Height, 1 Post	21,872.94	

11 68 16 00-0165 Tri-Truss Cantilevers *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0166	EA	20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 10' Opening Height, 2 Posts	76,602.50	
11 68 16 00-0167	EA	20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 12' Opening Height, 2 Posts	81,033.18	
11 68 16 00-0168	EA	30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 10' Opening Height, 3 Posts	114,352.36	
11 68 16 00-0169	EA	30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 12' Opening Height, 3 Posts	117,056.52	

11 68 16 00-0170 Full Cantilevers *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0171	EA	20' x 30' Full Cantilever Rigid Single Shade Structure, 10' Opening Height, 2 Posts	68,444.51	
11 68 16 00-0172	EA	20' x 60' Full Cantilever Rigid Joined Shade Structure, 12' Opening Height, 3 Posts	102,500.50	

11 68 16 00-0173 Hip Roof *(11 68 16 00-0001)*

Note: Outdoor weatherproof fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0174	EA	20' x 30' Single Rigid Hip Roof Shade Structure, 20 vSnowload, 10' Opening Height, 4 Posts	46,685.05	
11 68 16 00-0175	EA	20' x 30' Single Rigid Hip Roof Shade Structure, 20 Lb. Snowload, 12' Opening Height, 4 Posts	52,296.50	

11 68 16 00-0176 Hip Roof *(11 68 16 00-0001)*

Note: Outdoor weatherproof fabric structure (Specified Fabric PVC).

11 68 16 00-0177	EA	30' x 30' Weather Protector Hip Roof Shade Structure, 10' Opening Height, 4 Posts	100,070.61	
11 68 16 00-0178	EA	30' x 30' Weather Protector Hip Roof Shade Structure, 12' Opening Height, 4 Posts	107,749.35	
11 68 16 00-0179	EA	30' x 60' Weather Protector Joined Hip Roof Shade Structure, 10' Opening Height, 6 Posts	188,618.12	
11 68 16 00-0180	EA	30' x 60' Weather Protector Joined Hip Roof Shade Structure, 12' Opening Height, 6 Posts	199,392.95	

11 68 16 00-0181 Additional Items *(11 68 16 00-0001)*

11 68 16 00-0182	EA	Concrete Cutting for Playground Shade Structure, Per Core	258.68	
11 68 16 00-0183	HR	Overtime Wage For Playground Shade Structure, Per Man Hour (First Shift)	107.00	
11 68 16 00-0184	HR	Overtime Wage Or "Late Start" Shift For Playground Shade Structure, Per Man Hour (Second Shift)	131.00	
11 68 16 00-0185	EA	Intumescent Paint Per Column	4,121.93	

11 68 23 Exterior Court Athletic Equipment *(11 68)*

11 68 23 13 Exterior Basketball Equipment *(11 68 23)*

11 68 23 13-0001 Basketball Systems *(11 68 23 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0002	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System	2,423.59	250.99

Note: Sportsplay 541-616.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 13-0003	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	4,384.57	276.09
		Note: Porter Athletic 176-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0004	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	2,799.62	250.99
		Note: Porter Athletic 164-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0005	EA	4-1/2" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	4,384.57	276.09
		Note: Porter Athletic 166-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0006	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	7,895.21	406.01
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	
11 68 23 13-0007		Basketball Components *(11 68 23 13)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23 13-0008	EA	Nylon Cord Basketball Net (Porter Athletic 09608120)	36.61	10.55
11 68 23 13-0009	EA	Chain Basketball Net (Porter Athletic 00161000)	63.96	10.55
11 68 23 13-0010	EA	Heavy-Duty Goal Ring (Porter Athletic 00235-000)	146.60	52.73
11 68 23 13-0011	EA	Goal Ring For Steel Net (Porter Athletic 00251H00)	263.15	23.73
11 68 23 13-0012	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000)	1,509.66	44.83
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0013	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300)	1,938.36	44.83
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0014	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300)	990.03	39.55
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0015	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000)	1,082.53	39.55
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 33		**Tennis Equipment** *(11 68 23)*		
11 68 23 33-0001		Tennis Court Net Posts *(11 68 23 33)*		
11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,267.49	179.30
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,586.70	179.30
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,639.90	179.30
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,731.91	179.30
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	2,059.49	179.30
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	314.70	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	354.46	
11 68 23 33-0009		Tennis Court Nets *(11 68 23 33)*		
11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	668.33	177.20
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	731.81	177.20
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,569.07	272.65
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	87.23	
11 68 33		**Athletic Field Equipment** *(11 68)*		
11 68 33 13		**Football Field Equipment** *(11 68 33)*		
11 68 33 13-0001		Football Goal Posts *(11 68 33 13)*		
		Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	4,996.49	474.62
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	6,885.75	622.24
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	8,225.08	746.69
11 68 33 23		**Soccer and Field Hockey Equipment** *(11 68 33)*		
11 68 33 23-0001		Soccer Goal Posts *(11 68 33 23)*		
		Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 23-0002	PR	Regulation Soccer Goal Posts	5,195.29	316.41
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	6,253.71	474.62
11 68 33 33		**Baseball Field Equipment** *(11 68 33)*		
11 68 33 33-0001		Bases *(11 68 33 33)*		
11 68 33 33-0002	SET	Bases For Baseball Or Softball	617.89	

11 70 Healthcare Equipment *(11)*

11 71 Medical Sterilizing Equipment *(11 70)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 71 00 00-0001		Steam Sterilizers *(11 71)*		
11 71 00 00-0002	EA	6 Full-Size Cassette Capacity, 120 Instruments In 40 Minutes Start-To-Dry, Automated Instrument Washing Sterilizer (SciCan HYDRIM® C61w G4)	9,873.18	139.68
		Note: Water consumption per cycle = Regular Wash + Dry: 26 mins + 10 mins, Heavy-Duty Wash + Dry: 30 mins + 10 mins, Rinse and Hold: 5 mins.		
11 71 00 00-0003	EA	23.6" Length x 16.1" Width x 7.5" Height, Cycle Time 9 Minutes Unwrapped, 17.5 Minutes Wrapped, 3.5" Touchscreen, Fresh Steam Distilled Water, Autoclave Sterilizer (SciCan STATIM® 5000 G4)	10,788.73	19.25
11 71 00 00-0004	EA	19.5" Length x 16.25" Width x 6" Height, Cycle Time 6 Minutes Unwrapped, 14 Minutes Wrapped, Fresh Clean Distilled Water For Each Cycle, Autoclave Sterilizer (SciCan STATIM® 2000 G4)	8,929.16	19.25
11 71 00 00-0005	EA	Ultra-fast 35 Minute Cycle Start To Dry, Autoclave Sterilizer (SciCan Bravo W#AJP00B0000)	11,425.33	19.25
11 71 00 00-0006	EA	Ultra-fast 28 Minute Cycle Start To Dry, Tabletop Autoclave Sterilizer (SciCan Bravo MA320011)	13,846.17	19.25
11 71 00 00-0007		Steam Generator *(11 71)*		
11 71 00 00-0008	EA	Steam Generator, Electric 10 KW To 180 KW	149,806.96	1,210.10

11 72 Examination and Treatment Equipment *(11 70)*

11 72 13 Examination Equipment *(11 72)*

11 72 13 00-0001		Wall Mounted Medical Furnishings *(11 72 13)*		
11 72 13 00-0002	EA	20" Wide, 15" High, 3" Deep, Aluminum Wall Mounted Folding Medical Desk	498.97	43.28
11 72 13 00-0003	EA	20" Wide, 15" High, 3" Deep, Painted Steel Wall Mounted Folding Medical Desk	521.41	43.28
11 72 13 00-0004	EA	20" Wide, 15" High, 3" Deep, Stainless Steel Wall Mounted Folding Medical Desk	588.63	43.28
11 72 13 00-0005	EA	10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Double Glove Box Holder	222.83	43.28
11 72 13 00-0006	EA	10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Quad Glove Box Holder	269.46	43.28
11 72 13 00-0007	EA	13-1/2" Wide, 10" High, 3-1/2" Deep, Locking Stainless Steel Wall Mounted Specimen Cup Retrieval Box	660.36	43.28
11 72 13 00-0008	EA	12" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Bedpan Storage Rack	194.13	43.28
11 72 13 00-0009	EA	28" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Double Bedpan Storage Rack	260.87	46.16
11 72 13 00-0010	EA	12" Wide, 24" High, 5-1/4" Deep, Stainless Steel Wall Mounted Vertical Double Bedpan Storage Rack	244.74	46.16
11 72 13 00-0011	EA	12-1/4" Wide, 8" High, 4-3/4" Deep, Acrylic Infection Prevention Station	203.11	43.28
		Note: Space for sanitizer, disposable masks, tissues		
11 72 13 00-0012	EA	11-1/2" Wide, 12" High, 6" Deep, Lockable Two Sides Heavy-Duty Stainless Steel Narcotics Cabinet	940.26	57.70
11 72 13 00-0013	EA	11-1/2" Wide, 12" High, 6" Deep, Heavy-Duty Stainless Steel Narcotics Cabinet	940.26	57.70
11 72 13 00-0014	EA	11-1/2" Wide, 12" High, 6" Deep, Lockable One Side, Heavy-Duty Stainless Steel Pass-Thru Narcotics Cabinet	940.26	57.70
11 72 13 00-0015	EA	15-1/2" Wide, 6" High, 6" Deep, Acrylic Suture Rack - Single Tier - 6 Box Capacity	181.41	28.85
11 72 13 00-0016	EA	15-1/2" Wide, 12-1/4" High, 6" Deep, Acrylic Suture Rack - Single Tier - 12 Box Capacity	224.85	31.74
11 72 13 00-0017	EA	15-1/2" Wide, 18" High, 6" Deep, Acrylic Suture Rack - Single Tier - 18 Box Capacity	320.27	34.62
11 72 13 00-0018		Diagnostic Wall Board *(11 72 13)*		
11 72 13 00-0019	EA	Diagnostic Wall Board With Macroview Otoscope, Coaxial Ophthalmoscope And Wall Transformer (Welch Allyn 77792-MNOBP)	1,967.37	57.70
11 72 13 00-0020	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP And Wall Transformer (Welch Allyn 77792-M)	2,211.24	57.70
11 72 13 00-0021	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry And Wall Transformer (Welch Allyn 77791-MX)	2,730.78	57.70
11 72 13 00-0022	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry, Throat Illuminator And Wall Transformer (Welch Allyn 77795-MX)	2,956.58	57.70
11 72 13 00-0023		Sharps Containers *(11 72 13)*		
11 72 13 00-0024	EA	3 Quart, Wall Mounted, Disposable Sharps Containers	291.73	
		Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.		
11 72 13 00-0025	EA	2 Gallon, Wall Mounted, Disposable Sharps Containers	375.91	
		Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.		
11 72 13 00-0026	EA	3 Gallon, Wall Mounted, Disposable Sharps Containers	332.89	
		Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.		
11 72 13 00-0027	EA	1 Quart, Wall Mounted, Disposable Phlebotomy Container	533.10	
		Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.		
11 72 13 00-0028	EA	5 Quart, Wall Mounted, Locking Sharps Disposal Cabinet	145.46	28.85
11 72 13 00-0029	EA	5 Quart, Wall Mounted, Combination Sharps Disposal And Glove Box Container	133.59	28.85
11 72 13 00-0030		Exam Room Supplies *(11 72 13)*		
11 72 13 00-0031	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 12", Wall Mounted (Medline MDS193094)	55.87	
11 72 13 00-0032	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 8", Wall Mounted (Medline MDS192094B)	57.06	
11 72 13 00-0033	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 4", Wall Mounted (Medline MDS191094)	45.71	
11 72 13 00-0034		Accessories *(11 72 13)*		
11 72 13 00-0035		Miscellaneous *(11 72 13 00-0034)*		
11 72 13 00-0036	EA	Medical Air Compressor, Medical/Hospital Gas Systems (Allied Healthcare AHC-TE20)	5,433.46	
11 72 13 00-0037	EA	Air Flow Meter, Medical/Hospital Gas Systems (Allied Healthcare AHC-TB20)	222.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 72 13 00-0038		**Medical Warming Cabinets** *(11 72 13)*		
11 72 13 00-0039	EA	9.02 CF, Warming Cabinet With Single Glass Door (Blickman 7922TG)	9,484.15	69.88
11 72 13 00-0040	EA	22.02 CF, Warming Cabinet With Single Stainless Steel Door (Blickman 791TS)	11,535.59	69.88
11 72 13 00-0041		**Surgical Tables** *(11 72 13)*		
11 72 13 00-0042	EA	79" Length x 20" Width, 1,000 Lb. Weight Capacity, Self-leveling, Four Point Brake System, Manually-operated Head Section, General Surgical Table (Skytron 3500HD)	24,487.92	139.68
11 72 13 00-0043	EA	81.6" Length x 20" Width, 1,200 Lb. Weight Capacity, 600 Lb Full Articulation, Reverse Orientation, General Surgical Table (Steris Amsco 5085 5085)	62,145.54	139.68
11 72 13 00-0044	EA	87.165" Length x 27.5" Width, 400 Lb. Anatomic Position Weight Capacity, 300 Lb Reverse Orientation, OrthoVision Surgical Table (Steris Amsco OrthoVision)	22,694.70	139.68
11 72 13 00-0045	EA	79" Length x 19.75" Width, 1,000 Lb. Articulate Capacity, 1,200 Lb Lift Capacity, AC Or Battery Power Operation, General Surgical Table (Skytron 6701)	45,100.98	139.68
11 72 13 00-0046		**Examination Tables** *(11 72 13)*		
11 72 13 00-0047	EA	58" Length x 28-1/2" Width x 31" Height, 400 Lb., Plywood And Laminate Frame, Family Practice Exam Table (Clinton 8870)	2,009.95	104.78
11 72 13 00-0048	EA	72" Length x 24" Width x 30" Height, 300 Lb. Weight Capacity, 3-Section, Drawer And Sliding Doors, Wooden Exam Table With Enclosed Cabinet (FEI 15-1073)	1,956.16	104.78
11 72 13 00-0049	EA	110 Volt, 76" Length x 27" Width x 18-35" Height, 450 Lb. Weight Capacity, Open Base Power Table With Adjustable Backrest And Drop Section (Clinton 80330)	4,099.05	104.78
11 72 13 00-0050	EA	72" Length x 27" Width x 18-35" Height, 450 Lb. Weight Capacity, Open Base Power Table With Adjustable Backrest (Clinton 80200)	3,749.38	104.78
11 72 13 00-0051	EA	72" Length x 27" Width x 18-35" Height, 450 Lb. Weight Capacity, Open Base Power Imaging Table With Drop Window (Clinton 85100)	5,210.85	104.78
11 72 13 00-0052	EA	76" Length x 27" Width x 21-1/2-37-1/2" Height, 550 Lb. Weight Capacity, General Power Ultrasound Table With 3-Section Top (Clinton 80063)	8,119.45	104.78
11 72 13 00-0053		**Specimen Pass Through Cabinet** *(11 72 13)*		
11 72 13 00-0054	EA	11-1/4" x 10-9/16" x 6", 22 Gauge Stainless Steel, Specimen Pass Through Cabinet (Bobrick B-505)	648.85	38.43
11 72 13 00-0055	EA	13-1/2" x 13-1/2" x 7", 304 Stainless Steel, Heavy-Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50516)	833.91	38.43
11 72 13 00-0056	EA	13-1/2" x 13-1/2" x 11", 304 Stainless Steel, Heavy-Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50517)	924.39	38.43
11 72 53		**Treatment Equipment** *(11 72)*		
11 72 53 00-0001		**Semi-Automatic Heart Defibrillator** *(11 72 53)*		
11 72 53 00-0002	EA	Power Heart; AED G3 - Semi-Automatic Package with Carrying Case, Ready Kit, Spare Parts (Cardiac Science 9300E-1001P)	2,031.67	
11 72 63		**Refrigerated Heathcare Storage Equipment** *(11 72)*		
11 72 63 00-0001		**Healthcare Pharmaceutical Refrigerators** *(11 72 63)*		
11 72 63 00-0002	EA	24" Width x 24.5" Depth x 33.375" Height, 1 Degree Celsius Temperature Range, Counter Height, Pharmaceutical Refrigerator (American Bio Tech Supply PH-ABT-HC-UCBI-0404SS)	1,488.56	26.19
11 72 63 00-0003	EA	17.75" Width x 19.5" Depth x 28 7/8" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (ABS Premier PH-ABT-HC-UCFS-0204G)	1,467.34	26.19
11 72 63 00-0004	EA	17.5" Width x 19.75" Depth x 21.5" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (Accucold ARG1PVDL2B)	1,408.87	26.19
11 72 63 00-0005	EA	17 3/4" Width x 19.5" Depth x 28 7/8" Height, 1 To 10 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (LabRepCo LHP-3-UR Futura)	1,359.10	26.19
11 72 63 00-0006	EA	17 3/4" Width x 22 3/4" Depth x 30 3/4" Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (American Biotech PH-ABT-HC-UCBI-0204)	1,295.35	26.19
11 72 63 00-0007	EA	27" Width x 31 1/4" Depth x 83 1/4' Height, 31 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Upright Pharmaceutical Refrigerator (Arctic Air AGR23)	2,125.24	59.83
11 72 63 00-0008	EA	27" Width x 31 5/8" Depth x 78 1/4' Height, Negative 1 To Plus 10 Degrees Celsius Temperature Range, Glass Door, Laboratory, Pharmaceutical Refrigerator (ABS Premier ABT-HCPP-23G)	8,354.02	59.83
11 72 63 00-0009	EA	29" Width x 32 1/4" Depth x 82 1/2' Height, 33 To 40 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Avantco A-23R-G-HC)	2,010.58	59.83
11 72 63 00-0010	EA	26.8" Width x 32.7" Depth x 82.3' Height, 33 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Empura E-KB27RG)	2,067.53	59.83
11 72 63 00-0011	EA	26-1/2" Width x 35-1/2" Depth x 83" Height, 25 CF, 4 Degrees Celsius, Hinged Glass Door, Laboratory Refrigerator (TemPure Scientific LP-22HG-TP)	6,438.27	119.77
11 72 63 00-0012		**Healthcare Blood Bank Refrigerators** *(11 72 63)*		
11 72 63 00-0013	EA	25 CF, 4 Degree C Hinged Glass Door, Blood Bank Refrigerator (TemPure Scientific)	11,727.72	119.77
11 72 63 00-0014	EA	50 CF, 4 Degree C Hinged Glass Doors, Blood Bank Refrigerator (TemPure Scientific)	16,920.30	167.65
11 72 63 00-0015	EA	78 CF, 4 Degree C Three Hinged Glass Doors, Blood Bank Refrigerator (TemPure Scientific)	22,309.51	167.65
11 72 63 00-0016	EA	4.3 CF, 2 To 8 Degrees Celsius, Blood Bank Undercounter Refrigerator With One Locking Solid Door (TemPure Scientific)	5,206.54	26.19
11 72 63 00-0017	EA	Negative 15 To Negative 25 Degrees Celsius, Blood Bank Undercounter Refrigerator (ABS Premier ABT-HC-UCBI-0420SS)	1,428.24	26.19
11 72 63 00-0018		**Healthcare Medical Freezers** *(11 72 63)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 72 63 00-0019	EA	78" Height x 28.3" Width x 38.5" Depth, Negative 50 To Negative 86 Degrees Celsius Temperature Range, Medical Freezer (Hogentogler RDE40086LA)	18,049.46	29.96
11 72 63 00-0020	EA	26.75" Width x 32.75" Depth x 82.75' Height, Low To Negative 10 Degrees Fahrenheit Temperature Range, Medical Freezer (Artic Air AF23)	1,893.30	29.96
11 72 63 00-0021	EA	Negative 20 To Negative 30 Degrees Celsius, Medical Freezer (Accucold VT65)	1,588.89	26.19
11 72 63 00-0022		Healthcare Vaccine Freezers *(11 72 63)*		
11 72 63 00-0023	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PV)	980.02	26.19
11 72 63 00-0024	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PVDL2B)	1,408.87	26.19
11 72 63 00-0025	EA	23.38" Width x 24.5" Depth x 50' Height, 2 To 8 Degrees Celsius Temperature Range, Upright Vaccine Refrigeration Freezer (Accucold ARG8PV)	1,393.94	29.96
11 72 63 00-0026	EA	21-5/8" Width x 21-5/8" Depth, 33 To 40 Degrees Fahrenheit Temperature Range, Upright Vaccine Refrigeration Freezer (Avantco GDC-10-HC)	1,090.65	29.96
11 72 63 00-0027	EA	23.38" Width x 24.5" Depth x 50' Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Upright Vaccine Refrigeration Freezer (Accucold ARS8PV)	1,319.40	29.96
11 72 63 00-0028	EA	20.1" Width x 20.9" Depth x 25.8' Height, 2 To 8 Degrees Celsius Temperature Range, Stacked, Combination Pharmaceutical-Vaccine Refrigeration Freezer (K2 Scientific K202GDR)	1,025.89	26.19
11 72 63 00-0029	EA	18-1/2" Width x 20" Depth x 34' Height, 2 To 8 Degrees Celsius Temperature Range, Counter Height Pharmaceutical-Vaccine Refrigeration Freezer (Accucold ARS3PV)	969.13	26.19
11 72 63 00-0030	EA	23-3/42" Width x 24" Depth x 20-3/8' Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Vaccine Refrigeration Freezer (CliniCool LHP-1-FA-PH)	2,699.36	26.19
11 72 63 00-0031	EA	23-3/4" Width x 24" Depth x 20-3/4' Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Solid Swing Door, Vaccine Refrigeration Freezer (CliniCool LHP-2-FM-PH)	1,337.77	26.19

11 73 Patient Care Equipment *(11 70)*

11 73 11 Patient Care Equipment *(11 73)*

11 73 11 00-0001		Incubators *(11 73 11)*		
11 73 11 00-0002	EA	Patient Care, Incubator 15 CF	9,642.74	230.50
11 73 11 00-0003	EA	Patient Care, Incubator 29 CF	35,049.53	380.33
11 73 11 00-0004	EA	Patient Care, Incubator - Infant Intensive Care Unit 34" x 18" x 16" Care Unit With Accessories	32,568.22	288.13
11 73 11 00-0005		Beds *(11 73 11)*		
11 73 11 00-0006	EA	Patient Care, Youth Bed 80" Long x 36" Wide , With IV Pole G, IV Pole Positions Note: Includes accessories.	6,582.74	347.03
11 73 11 00-0007	EA	Patient Care, Stretcher Bed 86" Long x 35" Wide, With Blanket Shelf Full Circumference Rubber Bumper, Including Accessories	16,337.64	347.03
11 73 11 00-0008		Headwall *(11 73 11)*		
11 73 11 00-0009	EA	Patient Care, Headwall-Aluminum With Back Frame And Console Assembly	7,076.54	557.87
11 73 11 00-0010		Chair *(11 73 11)*		
11 73 11 00-0011	EA	ENT Treatment Chair, Maxi-Recline 6 Position With Swing-Away Tray	14,911.61	106.77
11 73 11 00-0012	EA	Adult Wheelchair, Self-Propelled Collapsible	8,755.53	32.03
11 73 11 00-0013		Stools *(11 73 11)*		
11 73 11 00-0014	EA	Exam Room Stool, Pneumatic With Backrest And Adjustable From 19" To 31" Hooded Swivel Casters	883.72	10.68
11 73 11 00-0015	EA	ENT Physician Stool, Square Seat With Backrest And Adjustable From 18" To 24"	938.60	10.68
11 73 11 00-0016	EA	Platform Stool, Stackable	419.77	7.48
11 73 11 00-0017	EA	Revolving Stool With Footrest With 3" Thick Seat Cushion, Adjustable	793.56	10.68
11 73 11 00-0018	EA	Revolving Stool With Solid Stainless Steel Seat Adjustable From 19" To 31" Conductive Rubber Insert, 15 In Diameter Seat	738.69	10.68
11 73 11 00-0019		Stretchers *(11 73 11)*		
11 73 11 00-0020	EA	Emergency Room And Minor Surgery Stretcher Stainless Steel Top With 6 IV Sockets And 6 IV Pole Positions Including Accessories	16,209.76	347.03
11 73 11 00-0021		Table *(11 73 11)*		
11 73 11 00-0022	EA	Exam Table, Electric Foot Operated Size 54" x 26-1/2" x 24-1/2 To 35-1/2" High	6,348.87	216.90
11 73 11 00-0023	EA	Exam Table, Hydraulic Foot Operated 75" x 24" x 19" To 38" High Including Accessories	7,087.12	325.34
11 73 11 00-0024		Automatic External Defibrillators And Accessories *(11 73 11)*		
11 73 11 00-0025	EA	Automatic External Defibrillator With Voice And Text	3,580.66	5.78
11 73 11 00-0026	EA	Wall Mount Bracket For Automatic External Defibrillator	337.33	43.30
11 73 11 00-0027	EA	Wall Mount Cabinet For Automatic External Defibrillator Note: Includes strobe and alarm.	914.08	57.74
		For Stainless Steel Cabinet, Add	*100.00*	
11 73 11 00-0028	EA	Wall Sign For Automatic External Defibrillator	44.81	5.78
11 73 11 00-0029	EA	3D Wall Sign For Automatic External Defibrillator	55.04	5.78
11 73 11 00-0030	EA	Removal And Replacement Of Pads For Automatic External Defibrillator	109.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 11 00-0031		**Hill-Rom Equipment** *(11 73 11)*		
11 73 11 00-0032	EA	16" Height x 60" Width, Horizontal, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG01A	3,003.76	344.87
11 73 11 00-0033	EA	24" Height x 72" Width, Horizontal, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG02A.	7,190.63	528.79
11 73 11 00-0034	EA	16" Height x 84" Width, Vertical, On-Wall, Basis Headwall (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG03A.	2,711.52	344.87
11 73 11 00-0035	EA	24" Height x 84" Width, Vertical, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG04A.	4,663.97	528.79
11 73 11 00-0036	EA	68" Height x 64" Width, Horizontal, In-Wall / On-Wall, Basis 16" x 60" With Panel System (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG25A.	4,245.78	344.87
11 73 11 00-0037	EA	74" Height x 76" Width, Horizontal, In-Wall / On-Wall, Basis 24" x 72" With Panel System (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG26A.	8,592.46	528.79
11 73 11 00-0038	EA	82" Height x 60" Width, Vertical, In-Wall / On-Wall, Basis 16" x 60" With Panel System (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG27A.	4,837.87	344.87
11 73 11 00-0039	EA	90" Height x 72" Width, Vertical, In-Wall / On-Wall, Basis 24" x 72" With Panel System (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG28A.	7,254.55	528.79
11 73 11 00-0040	EA	16" Height x 66" Width, Vertical, In-Wall / On-Wall, Contour Headwall (Hill-Rom P667) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG05A.	2,372.60	344.87
11 73 11 00-0041	EA	16" Height x 66" Width, Vertical, In-Wall / On-Wall, Contour Headwall (Hill-Rom P667) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG06A.	3,906.70	528.79
11 73 11 00-0042	EA	Bed Locator (Hill-Rom P0052B1) Note: General Care (MedSurg, Patient Room, LDR, etc). 2 Red Duplex Receptacle and 2 Ivory Duplex Receptacle outlets. Drawing Number DWG07A.	1,632.60	298.88
11 73 11 00-0043	EA	96" Height x 80" Width, On-Wall, Elements On-Wall, Wall System (Hill-Rom P2008A2) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG08A.	9,026.85	344.87
11 73 11 00-0044	EA	96" Height x 80" Width, On-Wall, Elements On-Wall, Wall System (Hill-Rom P2008A2) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG09A.	10,872.73	528.79
11 73 11 00-0045	EA	105" Height x 96" Width, In-Wall, Elements In-Wall, Wall System (Hill-Rom P2008A1) Note: Critical Care (ICU, CCU, Trauma, etc). 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 5 Red Duplex Receptacle, 4 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Low Voltage (1G) outlets. 1 Night Light. Drawing Number DWG21A.	12,196.01	528.79
11 73 11 00-0046	EA	105" Height x 120" Width, In-Wall, Elements In-Wall With Cabinetry, Wall System (Hill-Rom P2008A1) Note: Critical Care (ICU, CCU, Trauma, etc). 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 6 Red Duplex Receptacle, 5 Ivory Duplex Receptacle, 2 Nurse Call (3G), 1 Monitor Out (1G), and 1 Monitor Channel outlets. 1 Night Light. Drawing Number DWG22A.	17,273.90	620.75
11 73 11 00-0047	EA	105" Height x 96" Width, Double-Sided, Elements Double-Sided, Wall System (Hill-Rom P2008A3) Note: Critical Care (ICU, CCU, Trauma, etc). 4 Oxygen (O), 4 Air (Med Air), 4 Vacuum, 10 Red Duplex Receptacle, 8 Ivory Duplex Receptacle, 2 Nurse Call (3G), and 2 Low Voltage (1G) outlets. 4 Night Lights. Drawing Number DWG23A.	22,506.87	988.61
11 73 11 00-0048	EA	105" Height x 120" Width, Double-Sided, Elements Double-Sided, Wall System (Hill-Rom P2008A3) Note: Critical Care (ICU, CCU, Trauma, etc). 4 Oxygen (O), 4 Air (Med Air), 4 Vacuum, 12 Red Duplex Receptacle, 10 Ivory Duplex Receptacle, 2 Nurse Call (3G), 2 Monitor Out (1G), and 2 Monitor Channel outlets. 4 Night Lights. Drawing Number DWG24A.	31,617.27	1,126.55
11 73 11 00-0049	EA	Fixed And Telescoping, Latitude Double Arm, Ceiling Boom (Hill-Rom P672) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 5 Low Voltage (1G) outlets. Drawing Number DWG11A.	41,162.44	574.77
11 73 11 00-0050	EA	Telescoping, Latitude Single Arm, Ceiling Boom (Hill-Rom P672) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 5 Low Voltage (1G) outlets. Drawing Number DWG10A.	24,713.06	574.77
11 73 11 00-0051	EA	Horizontal Security Patient Console (Hill-Rom P005561) Note: Locking. 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 1 Red Duplex Receptacle, 1 Ivory Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG12A.	6,785.29	252.90
11 73 11 00-0052	EA	Fixed Column, Epicare (Hill-Rom P680CFX) Note: 2 Oxygen (O), 2 Air (Med Air), 3 Vacuum, 1 Nitrous Oxide, 1 Carbon Dioxide, 6 Red Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG13A.	9,385.51	482.81
11 73 11 00-0053	EA	Telescoping Column, Epicare (Hill-Rom P680CTL) Note: 2 Oxygen (O), 2 Air (Med Air), 3 Vacuum, 1 Nitrous Oxide, 1 Carbon Dioxide, 6 Red Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG14A.	12,468.11	482.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 11 00-0054	EA	Vertical Gallery Wall, Concealment (Hill-Rom P6918B) Note: 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, and 2 Red Duplex Receptacle outlets. Drawing Number DWG15A.	6,693.91	229.90
11 73 11 00-0055	EA	Vertical Gallery Wall, Concealment (Hill-Rom P6918B) Note: 2 Oxygen (O), 1 Air (Med Air), and 2 Vacuum outlets. Drawing Number DWG16A.	8,602.34	229.90
11 73 11 00-0056	EA	Horizon System (Hill-Rom P100000) Note: 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 11 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Code Blue (1G) outlets. 1 Night Light. 1 Wall Mount Bed Bumper. Drawing Number DWG17A.	13,628.28	643.74
11 73 11 00-0057	EA	22" Height x 96" Width, Horizontal, Integris 2002C Gas Rail (Hill-Rom P2002 And P0052B4) Note: 2 Oxygen (O), 1 Air (Med Air), 2 Vacuum, 3 Red Duplex Receptacle, 4 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Code Blue (1G) outlets. 1 Wall Mount Bed Bumper. Drawing Number DWG18A.	11,418.10	459.82
11 73 11 00-0058	EA	Patient Care Module (Hill-Rom P590052) Note: Self contained, in-room bathroom. Includes a concealed flushing unit, paper holder and utensil-washing arm. Drawing Number DWG19A.	10,948.89	344.87
11 73 11 00-0059	EA	Power Column (Hill-Rom P590) Note: 3 Oxygen (O), 2 Air (Med Air), 4 Vacuum, 13 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), 1 Code Blue (1G), 1 Low Voltage (1G), 1 Monitor Channel, and 1 Blank Plate outlets. 1 Night Light. Drawing Number DWG20A.	11,337.69	804.68
11 73 11 00-0060	EA	Bed Locator, NEURO ICU Care Area (Hill-Rom P20160601) Note: Includes two 20A red duplex receptacles, three 1 gang with faceplate provision, two 20A bed only red simplex receptacle and two Hubbellock 2300HG simplex receptacles.	1,767.34	129.66
11 73 11 00-0061	EA	Integris Gas Rail, NEURO ICU Care Area (Hill-Rom P2002C001) Note: Includes six 20A red duplex receptacles, one junction box, seven 1 gang with faceplate provision, one 3 gang with back box nursecall, one left hand gas manifold, one 20A red 3-way Decora switch, two low voltages switches, one clip style resuscitator bag holder, one 18" x 9-1/2" x 4" basket, 1 cuff basket, four standard bottle slides, two air, three O2 and four vacuum.	11,030.65	345.76
11 73 11 00-0062	EA	Latitude Bed Services Chassis, NEURO STEP DOWN Care Area (Hill-Rom P662CO250) Note: Includes two 20A white duplex receptacles, four 20A red duplex receptacles, two 1 gang with faceplate provision, one 3 gang with back box nursecall, and one main support structure module.	5,898.00	216.10
11 73 11 00-0063	EA	Latitude Upper Telescoping Arm, NEURO STEP DOWN Care Area (Hill-Rom P662CO300) Note: Includes five 20A red duplex receptacles, one 2 gang with faceplate provision, one 1 gang with faceplate provision, one drop tube, one 9000 series service head, three standard bottle slides, two accessory rails, one air, three O2 and three vacuum.	24,680.60	547.44
11 73 11 00-0064	EA	Integris Light, PATIENT ROOM Care Area (Hill-Rom P696IL101)	1,319.57	34.58
11 73 11 00-0065	EA	Bed Locator, PATIENT ROOM Care Area (Hill-Rom P0052B101) Note: Includes two 20A ivory duplex receptacles and one 1 gang with faceplate provision.	979.00	86.43
11 73 11 00-0066	EA	Flatwall, PATIENT ROOM Care Area (Hill-Rom P670E0001) Note: Includes one 2 function low voltage relays, two 20A red duplex receptacles, one 1 gang with faceplate provision, one nursecall, one 20A SP-ST Decora switch, one low voltage switch, one raceway from locator module, one 7670-01 wall mount Sphygmo Tycos, one 4" raceway to light, two universal holder for vertical rail, one slide mount utility, one aneroid Sphygmo mount, one gas, one vacuum, two sidepanels, one electric panel, one gas panel, one access panel and one junction box panel.	5,081.27	161.35
11 73 11 00-0067	EA	48", 3 Lamp, Closed Over Bed Light (Hill-Rom P00519G11355B120SLIBHD)	1,908.29	46.10
11 73 11 00-0068	EA	48", 2 Lamp, Closed Task Light (Hill-Rom P00519448G25412IBHD)	824.98	40.33
11 73 11 00-0069	EA	Low Voltage Controller (Hill-Rom P005189120)	252.10	14.41

11 73 23 Patient Lift *(11 73)*

11 73 23 00-0001 Ceiling Patient Lift *(11 73 23)*

11 73 23 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	14,257.03	

11 73 23 00-0003 Ceiling Patient Lift System *(11 73 23)*

Note: Guldmann

11 73 23 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 Lb. Weight Capacity, With Hand Control	13,309.28	995.28
11 73 23 00-0005	EA	550 Lb. Weight Capacity, Hanging Bar GH2 Standard Snap Hook	757.65	
11 73 23 00-0006	EA	550 Lb. Weight Capacity, Traverse Traveling Trolley Room Covering System	879.82	138.24
11 73 23 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 Lb. Weight Capacity, With Hand Control	18,833.48	1,382.33
11 73 23 00-0008	EA	1,000 Lb. Weight Capacity, Hanging Bar	6,790.14	
11 73 23 00-0009	EA	1,000 Lb. Weight Capacity, Traverse Traveling Trolley Room Covering System	2,005.77	304.11
11 73 23 00-0010	LF	Aluminum Midi Rail	376.38	33.18
11 73 23 00-0011	EA	Wire For Charging Liner	141.80	
11 73 23 00-0012	LF	Charging Liner For Midi Rail	156.46	
11 73 23 00-0013	EA	End Stops	69.32	
11 73 23 00-0014	EA	Standard Ceiling Brackets	214.75	33.18
11 73 23 00-0015	EA	Charging Kit For Room-Covering System With Midi Rails	415.03	
11 73 23 00-0016	EA	Lock For Charging Liner	86.30	
11 73 23 00-0017	EA	Cover Plate For Midi Rail	8.45	
11 73 23 00-0018	EA	Rosette White	4.79	
11 73 23 00-0019	EA	Aluminum Pipe 2M Profile	209.93	
11 73 23 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	353.34	
11 73 23 00-0021	EA	Uni D M/L High Black - 550 Lb. Capacity Sling, 2 Slings Per System	194.06	
11 73 23 00-0022	EA	Uni D L/XL High Black - 550 Lb. Capacity Sling, 2 Slings Per System	194.06	
11 73 23 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	92.23	
11 73 23 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	227.84	

11 74 Dental Equipment *(11 70)*

11 74 00 00-0001 Dental Furnishings *(11 74)*

11 74 00 00-0002	EA	Dental Equipment, Complete For Dental Exam And Treatment	53,763.87	640.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 74 00 00-0003		**Dental Care Equipment** *(11 74)*		
11 74 00 00-0004	EA	Dental Equipment, Drill Console With Accessories	10,883.36	1,732.62
11 74 00 00-0005	EA	Dental Equipment, Amalgamator Can Triturate All Alloys, Composites, Silicates And Cements	806.03	64.06
11 74 00 00-0006	EA	Dental Equipment, Lath-Finish Polish With 1/4 HP Two-Speed	846.77	42.70
11 74 00 00-0007	EA	Dental Equipment, Lath 1/4 HP Heavy-Duty For Grinding And Polishing Lathe	932.18	85.42
11 74 00 00-0008	EA	Dental Equipment, Model Trimmer 1/2 HP Bench Mounted	1,678.20	53.39
11 74 00 00-0009	EA	Dental Equipment, Wall Mounted Dely System Automatic Control Of 3-5 Handpieces (130,000 RPM)	7,111.23	53.39
11 74 00 00-0010	EA	Dental Equipment, Sandblaster 110 Volt Bench Mounted, 9" x 9" x 9 " Air Operated	836.51	74.74
11 74 00 00-0011	EA	Dental Equipment, Ultrasonic Cleaner Desk Mounted, With Heater And Timer Plastic	1,450.90	117.44
11 74 00 00-0012	EA	Dental Equipment, Curing Unit Bench Mounted, 17" x 17" x 16"	3,764.64	213.53
11 74 00 00-0013	EA	Dental Equipment, Oral Evacuation System Dual 2 HP Pump, 16" x 24" x 24"	11,588.34	160.15
11 74 00 00-0014	EA	Dental Equipment, Sterilizer 2 Trays With Chamber 11" Wide x 5" High x 7" Deep 16 In With Safety Feature Arrangements And Accessories	1,534.93	74.74
11 74 00 00-0015		**Dental Lights** *(11 74)*		
11 74 00 00-0016	EA	Dental Lights, Floor/Ceiling Mounted	4,189.48	470.45
11 74 00 00-0017	EA	Dental Lights, Fixed Ceiling Mounted	4,305.25	144.06
11 74 00 00-0018		**X-Ray Unit** *(11 74)*		
11 74 00 00-0019	EA	Dental X-Ray Unit, Mobile	14,615.99	298.33
11 74 00 00-0020	EA	Dental X-Ray Unit, 76" Wall Mounted	11,907.01	952.37
11 74 00 00-0021	EA	Dental X-Ray Unit, 72" With Remote Including All Accessories	13,214.67	1,843.61
11 74 00 00-0022	EA	Dental X-Ray Unit, Illuminator For Desk Or Wall, 5" x 14" Screen	393.87	34.43
11 74 00 00-0023	EA	X-Ray Film Processor, Desk Top With Daylight Loader	12,031.98	1,067.67
11 74 00 00-0024	EA	X-Ray Unit Shield, 33" x 74" x 7" Lead Lined And Portable	9,361.97	85.42
11 74 00 00-0025		**Miscellaneous Equipment** *(11 74)*		
11 74 00 00-0026	EA	Chair, X-Ray Utility, Electric	43,222.66	7.48
11 74 00 00-0027	EA	Engines, 3 Section Engine Arm With foot Rheostat At 40,000 RPM Slip On Wrist Joint	1,924.65	42.70
11 74 00 00-0028	EA	Auto Glazing Furnace, 110 Volt, 6" Wide x 11" High x 6" Deep 9 X 5 X 4 In Including All Features Of Maximum Temperature, Automatic Controls, etc.	2,132.00	64.06
11 74 00 00-0029	EA	Dental Cabinet, 6" x 4" x 7" With Drawers, With Fold-in Door And 1 Pull Out Shelf 3-Large Drawers On Left Side, Large Fold-In Door With 1-Pull Out Shelf And 2-Large Drawers On Right Side	6,532.23	64.06
11 74 00 00-0030	EA	Removal And Storage For Reinstallation Of Steam Cleaner	173.65	
11 75		**Optical Equipment** *(11 70)*		
11 75 00 00-0001		**Optical Furnishings** *(11 75)*		
11 75 00 00-0002	EA	Optical Exam Chair And Stand	39,779.88	320.30
11 75 00 00-0003	EA	Optical, Chart Amsler Bookform	86.12	1.07
11 75 00 00-0004	EA	Optical Drum, Opticokinetic	135.65	3.21
11 75 00 00-0005	EA	Optical, Exophthalmometer	32.01	3.21
11 75 00 00-0006	EA	Optical, Gonioscope	1,291.19	3.21
11 75 00 00-0007	EA	Optical, Hyfector; Desk Mounted With Handle And Needle Surgical Unit	835.50	3.21
11 75 00 00-0008	EA	Optical Light, Muscle Wall	194.53	3.21
11 75 00 00-0009	EA	Desk Mounted Slit Lamp With Microscope And Inclined Eyetubes	418.21	106.77
11 75 00 00-0010	EA	Hand Held Magnifier Light With 3x Ground And Polished Lens White Fluorescent Light	157.30	3.21
11 75 00 00-0011	EA	Ultramatic Phoropter	4,643.33	42.70
11 75 00 00-0012	EA	1 Meter Compact Screen Tangent	131.30	16.02
11 75 00 00-0013	EA	Anode Aluminum Trial Set, Color Coded	2,007.87	42.70
11 75 00 00-0014	EA	Desk Mounted Vision Tester	402.17	160.15
11 76		**Operating Room Equipment** *(11 70)*		
11 76 00 00-0001		**Surgical Tables** *(11 76)*		
11 76 00 00-0002	EA	Surgical Equip, Table - Standard	116,011.65	804.69
11 76 00 00-0003	EA	Surgical Equip, Table - Deluxe	139,542.43	1,149.56
11 76 00 00-0004		**Lights** *(11 76)*		
11 76 00 00-0005	EA	Surgical Equip, Lights - General	34,862.47	3,793.49
11 76 00 00-0006	EA	Surgical Light, 5 Lamp 22" Diameter, Ceiling Mounted	84,854.37	804.68
11 76 00 00-0007	EA	Surgical Light, 8 Lamp 30" Diameter, Ceiling Mounted	101,793.10	1,034.59
11 76 00 00-0008		**Water Stills** *(11 76)*		
11 76 00 00-0009	EA	Water Still 4 Liter/Hour	2,543.20	181.51
11 76 00 00-0010	EA	Water Still 8 Liter/Hour	3,734.51	181.51
11 76 00 00-0011	EA	Distilled Water 19 Liters/Hour, Wall Mounted	13,002.34	423.54
11 76 00 00-0012	EA	Gas Aerator Bench Mounted, Chamber 16" x 24" x 18"	4,263.31	1,004.38
11 76 00 00-0013	EA	Ultrasonic Cleaner	2,340.65	523.01
11 76 00 00-0014	EA	Water Deionizer, 10 GPM Floor Mounted	8,059.42	290.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 77 Radiology Equipment *(11 70)*

11 77 00 00-0001 Radiology Furnishings *(11 77)*

11 77 00 00-0002	EA	Radiology Generator, 3 Phase 12 Pulse 480 V For Two X-Ray Tubes	345,202.57	5,080.61
11 77 00 00-0003	EA	Radiology Generator, 3 Phase 12 Pulse 480 V For 2 X-Ray Tubes, 1 Per Table Over Table .02-.05 In Focal Spot X-Ray Tube And One Pair Of High Tension Cables	398,816.86	5,080.61
11 77 00 00-0004	EA	Radiograph And Fluoroscopic Table, Motor Operator With 15-90 Degree Tilting Trendelenburg To 90 Degree Vertical, Motor Operated	451,730.53	10,311.26
11 77 00 00-0005	EA	Radiographic Table, Motor Driven With 12-90 Degree Tilting Trendelenburg To 90 Degree Vertical	112,217.31	5,155.62
11 77 00 00-0006	EA	Fluoroscope Image/TV System Dual Mode 5"/9" High Performance NCE Image Intensifier System With Iodide Input Screens And Collimator Lens	178,637.21	12,889.07
11 77 00 00-0007	EA	Developing Processor, 385 Sheets Of Film Per Hour Note: Includes replenisher pumps, developer, fixer and water filter unit, 30" x 48-1/2" x 37-1/2".	65,736.66	1,452.12
11 77 00 00-0008	EA	Cassette Transfer Cabinet, 4 Door 22" x 22" x 22" With Lead Lining Components 18" x 8" x 18" Each Lined With Grooved Rubber Pads Note: Including manual interlock, 1/16" lead lining, etc.	6,518.06	106.77
11 77 00 00-0009	LF	Base Storage Cabinet, Sectional Carbon Steel Or Plastic Laminate Part Steel Or Plastic Laminate Particle Board With Doors And Counter Top With Back Splash- 24" Deep And 35" High	2,559.83	69.28
11 77 00 00-0010	LF	Wall Storage Cabinet With Door Carbon Steel Or Plastic Laminate Particle Board With Doors	3,118.41	80.84
11 77 00 00-0011	LF	Bucky Wall Stand, Vertical Floor/Wall Mounted With Cassette Tray Adjustable Controls, Counter-Balanced LF Bucky Diaphragm Cassette Tray - 30" Deep And 16" High	29,529.57	54.27
11 77 00 00-0012	SF	Ceiling Tubemount, 59" Deep	75,664.11	4.62

11 77 00 00-0013 Wall Mounted Area Monitor *(11 77)*

11 77 00 00-0014	EA	Digital Wall Mount Area Monitor (Ludlum M 375-30 With 2E44-99 FBGLS)	16,596.33	

11 78 Mortuary Equipment *(11 70)*

11 78 13 Mortuary Refrigerators *(11 78)*

11 78 13 00-0001 Healthcare Mortuary Coolers *(11 78 13)*

11 78 13 00-0002	EA	6' 8 1/2" Width x 2' 8 1/2" Depth x 5' 2" Height, One Body Economy, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1BR)	9,593.18	1,117.70
11 78 13 00-0003	EA	7'3" Depth x 3" Width x 5'2" Height, Three Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #3BX)	13,497.40	1,117.70
11 78 13 00-0004	EA	7' 3" Depth x 3' 6 3/4" Width x 6'8" Height, Four Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model # 4BX)	14,796.79	1,676.51
11 78 13 00-0005	EA	10' Length x 8' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #0810)	17,007.79	1,676.51
11 78 13 00-0006	EA	10' Length x 10' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1010)	19,576.69	1,676.51
11 78 13 00-0007	EA	10' Length x 15' Width x 7' 6 1/2' Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1015)	25,645.75	3,353.02
11 78 13 00-0008	EA	20' Length x 20' Width, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #2020)	36,135.73	3,353.02
11 78 13 00-0009	EA	8' 1" Width x 7' 4" Depth x 5' Height, Triple Cot, Roll-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #TR3)	15,607.07	1,676.51

11 79 Therapy Equipment *(11 70)*

11 79 00 00-0001 Physical Therapy Furnishings *(11 79)*

11 79 00 00-0002	EA	15" x 7" x 27" x 10" Paraffin Bath, 115 V For Hand And Foot (Mobile)	2,016.06	406.78
11 79 00 00-0003	EA	Hydrotherapy Adjustable Chair With Mobile Whirlpool Baths	187.20	16.02
11 79 00 00-0004	EA	Diathermy, Short-wave And Portable	5,789.99	53.39
11 79 00 00-0005	EA	35" x 15" Portable Exercise Bike	889.25	42.70
11 79 00 00-0006	EA	Hydrocollator, 129" x 90" x 160" 4 Pack Portable	1,218.74	16.02
11 79 00 00-0007	EA	Lamp, Infrared With 3 Heat Variable Control	2,415.74	34.58
11 79 00 00-0008	EA	Lamp, Ultra Violet With 425 Watt Base Mounted With Casters, Tubular	1,514.15	34.58
11 79 00 00-0009	EA	Mirror, Posture Type 1 Section 27" Wide x 72" High Mounted On Casters	1,503.70	32.03
11 79 00 00-0010	EA	Parallel Bars, 12' Long Portable; Adjustable With Platform	2,670.47	138.79
11 79 00 00-0011	EA	Exercise Mat, 4' Wide x 10' Long x 1" Deep Urethane Foam, Nylon With handles; Side Walls, Heavy-Duty Nylon Stitching, etc.	536.34	21.35
11 79 00 00-0012	EA	Wall Pulley, Duplex And Wall Mounted	5,218.42	363.00
11 79 00 00-0013	EA	66" x 16" x 13" Wall Mounted Crutch Rack	980.10	128.12
11 79 00 00-0014	EA	Room, Prefab 72" x 76" x 78" Single Wall Construction And Soundproof 78 In High Inside	13,231.25	3,253.43
11 79 00 00-0015	EA	Stimulator, Galvanic - Faradic	129.80	53.39
11 79 00 00-0016	EA	Ultrasound, Muscle Stimulator 13" x 13 " x 8" Portable Cart Mounted	4,847.18	85.42
11 79 00 00-0017	EA	Sandbag Set With Velcro Straps Saddle Bag Type	614.57	16.02
11 79 00 00-0018	EA	Whirlpool Lo-Boy, Mobile Stainless Steel 18" Deep x 24" Wide x 60" Long Capacity With All Accessories	3,391.61	302.70
11 79 00 00-0019	EA	Whirlpool, (Arm, Leg And Hip), Stainless Steel 28" Deep x 42" Long x 20" Wide With Accessories Tank 65 Gallon Capacity	3,070.61	302.70
11 79 00 00-0020	EA	Whirlpool 60 In X 42 In With All Accessories	3,336.69	264.80
11 79 00 00-0021	EA	Whirlpool 83 In X 64-1/2 In With All Accessories	5,337.71	331.64
11 79 00 00-0022	EA	Whirlpool 103 In X 86-1/2 In X 34-1/2 In, With 5.5 KW Heater	5,962.47	365.17
11 79 00 00-0023	EA	Whirlpool 103 In X 86-1/2 In X 34-1/2 In, With 11 KW Heater	6,166.81	365.17
11 79 00 00-0024	EA	Whirlpool 103 In X 86-1/2 In X 34-1/2 In, With 160 MBH Gas Heater	7,579.41	392.17
11 79 00 00-0025	EA	Wagon, Dumbbell Storage 46" x 25" x 41" Size Dumbbells	1,090.28	53.39
11 79 00 00-0026	EA	Steam Bath, Timer And Head To 140 CF	2,636.92	405.26
11 79 00 00-0027	EA	Steam Bath, Timer And Head To 300 CF	2,967.07	441.81
11 79 00 00-0028	EA	Steam Bath, Timer And Head To 800 CF	6,182.05	544.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 79 00 00-0029	EA	Steam Bath, Timer And Head To 1200 CF	10,856.03	605.05

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0066 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	804.04	86.60
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	685.77	86.60
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	510.70	85.84
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)*

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	566.49	86.60
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	508.49	86.60
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	447.91	85.84
		For Stainless Steel Pad Eye, Add	*40.00*	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*

11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor)	456.60	
		Note: One cut sheet required per order.		

11 81 29 00-0012 Roof Mounted, Stainless Steel Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 12" high stainless steel hollow structural section tube, base plate and anchors.

11 81 29 00-0013	EA	Up To 10" High, 3-1/2" OD, 0.30" Thick, Stainless Steel Hollow Structural Section Tube, Pad Eye, Base Plate, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor SM-1-12-6-58-SST)	2,426.81	
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		

11 81 29 00-0014 Ladder Safety And Fall Protection *(11 81 29)*

11 81 29 00-0015	EA	Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280)	304.95	18.97
11 81 29 00-0016	EA	Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024)	46.05	2.76
11 81 29 00-0017	EA	Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030)	57.57	6.89
11 81 29 00-0018	EA	Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040)	76.76	4.60
11 81 29 00-0019	EA	Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050)	95.96	5.75
11 81 29 00-0020	EA	Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400)	62.88	4.31
11 81 29 00-0021	EA	Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054)	589.57	11.49
11 81 29 00-0022	EA	Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090)	139.95	11.38

11 81 29 00-0023 Fall-Arrest Systems *(11 81 29)*

11 81 29 00-0024 Horizontal *(11 81 29 00-0023)*

11 81 29 00-0025	LF	Trolley Rail Fall Arrest System	716.37	46.53
		Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.		

11 81 29 00-0026 Anchor Points *(11 81 29 00-0023)*

11 81 29 00-0027	EA	Roof Anchor, 16" x 16" Base With 12" High Post	663.77	
		Note: Guardian CD-12 series		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0028	EA	Roof Anchor, 12" x 12" Base With 18" High Post Note: Guardian CD-18 series	777.53	
11 81 29 00-0029	EA	Bolt On Roof Anchor Note: Guardian CD-1-B series	296.06	
11 81 29 00-0030	EA	Fall Arrest Anchor Attachment To 2" x 8" Stud Note: Super Anchor ARS 2x8	142.01	
11 81 29 00-0031	EA	Fall Arrest Anchor Attachment To 2" x 12" Stud Note: Super Anchor ARS 2x12	165.05	

11 82 Facility Solid Waste Handling Equipment *(11 80)*

11 82 19 Packaged Incinerators *(11 82)*

11 82 19 00-0001 Electric Incinerator *(11 82 19)*

11 82 19 00-0002	EA	Electric Package Incinerator, 100 Lb./Hour	36,756.93	1,270.37
11 82 19 00-0003	EA	Electric Package Incinerator, 400 Lb./Hour	75,182.75	2,540.74
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 Lb./Hour	252,019.94	3,811.11

11 82 19 00-0005 Medical Waste Incinerator *(11 82 19)*

11 82 19 00-0006	EA	Medical Waste Incinerator, 25 Lb./Hour Size 2'-7" x 4'-0"	20,988.12	2,540.74
11 82 19 00-0007	EA	Medical Waste Incinerator, 50 Lb./Hour Size 2'-11" x 4'-11"	39,145.29	2,540.74
11 82 19 00-0008	EA	Medical Waste Incinerator, 75 Lb./Hour Size 3'-8" x 5'-0"	53,889.25	5,081.48
11 82 19 00-0009	EA	Medium Waste Incinerator, 100 Lb./Hour Size 3'-8" x 6'-0"	77,729.77	5,081.48

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001 Waste Compactors *(11 82 26)*

11 82 26 00-0002 110 Volt Compactors *(11 82 26 00-0001)*

11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 75 Lb./Hour	19,795.79	557.87
11 82 26 00-0004	EA	Waste Compactor, 110 Volt At 250 Lb./Hour	24,921.71	1,338.90

11 82 26 00-0005 230 Volt Compactors *(11 82 26 00-0001)*

11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 Lb./Hour Hand Fed	24,911.35	1,785.19
11 82 26 00-0007	EA	Waste Compactor, 230 Volt At 600 Lb./Hour Chute Fed	28,118.70	2,343.06

11 90 Other Equipment *(11)*

11 95 Arts and Crafts Equipment *(11 90)*

11 95 13 Kilns *(11 95)*

11 95 13 00-0001 Kilns *(11 95 13)*

11 95 13 00-0002	EA	6.6 kW, 32 Amperes, 208 Voltage, Single Phase, Electronic Kiln (Cress ES23208)	2,690.40	

11 97 Security Equipment *(11 90)*

11 97 26 Detention Gun Lockers *(11 97)*

11 97 26 00-0001 Hinged Door Gun Lock *(11 97 26)*
Note: Two keys per locker with one master.

11 97 26 00-0002	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door	3,518.18	61.31

11 97 26 00-0003 Hinged-Door Gun Locker *(11 97 26)*
Note: Includes master key for each set of 4 compartments, two keys per compartment.

11 97 26 00-0004	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,372.78	42.92
11 97 26 00-0005	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	3,126.47	61.31
11 97 26 00-0006	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	5,725.72	73.58
11 97 26 00-0007	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	8,300.46	73.58

11 98 Detention Equipment *(11 90)*

11 98 12 Detention Doors and Frames *(11 98)*

11 98 12 00-0001 Metal Frames *(11 98 12)*
Note: Combination buck, jamb, and trim, fully seam welded.

11 98 12 00-0002 Metal Frames 4-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)*

11 98 12 00-0003	EA	2' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	945.54	180.37
11 98 12 00-0004	EA	2'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	945.54	180.37
11 98 12 00-0005	EA	2'-6" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	945.54	180.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 98 12 00-0006	EA	2'-8" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	945.54	180.37
11 98 12 00-0007	EA	3' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	957.00	180.37
11 98 12 00-0008	EA	3'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	957.00	180.37
11 98 12 00-0009	EA	6' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,288.17	288.69
11 98 12 00-0010	EA	2' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0011	EA	2'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0012	EA	2'-6" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0013	EA	2'-8" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.32	180.37
11 98 12 00-0014	EA	3' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,134.62	240.54
11 98 12 00-0015	EA	3'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,134.62	240.54
11 98 12 00-0016	EA	6' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,356.96	288.69
11 98 12 00-0017	EA	2' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0018	EA	2'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0019	EA	2'-6" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0020	EA	2'-8" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.93	180.37
11 98 12 00-0021	EA	3' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	991.39	180.37
11 98 12 00-0022	EA	3'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	991.39	180.37
11 98 12 00-0023	EA	6' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,322.57	288.69
11 98 12 00-0024		Metal Frames 6-3/4" Depth x 7 Gauge x 1-3/4" *(11 98 12 00-0001)*		
11 98 12 00-0025	EA	2' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0026	EA	2'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0027	EA	2'-6" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0028	EA	2'-8" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0029	EA	3' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,002.84	180.37
11 98 12 00-0030	EA	3'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,002.84	180.37
11 98 12 00-0031	EA	6' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,322.55	288.69
11 98 12 00-0032	EA	2' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0033	EA	2'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	979.91	180.37
11 98 12 00-0034	EA	2'-6" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0035	EA	2'-8" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0036	EA	3' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,134.60	240.54
11 98 12 00-0037	EA	3'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,134.60	240.54
11 98 12 00-0038	EA	6' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,667.27	320.56
11 98 12 00-0039	EA	2' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0040	EA	2'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0041	EA	2'-6" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0042	EA	2'-8" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,014.30	180.37
11 98 12 00-0043	EA	3' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,025.76	180.37
11 98 12 00-0044	EA	3'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,025.76	180.37
11 98 12 00-0045	EA	6' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	1,356.93	288.69
11 98 12 00-0046		Metal Detention Doors *(11 98 12)*		
		Note: Flush type reinforced with stiffeners.		
11 98 12 00-0047		10 Gauge 1-3/4" Metal Detention Door *(11 98 12 00-0046)*		
11 98 12 00-0048	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	594.01	64.09
11 98 12 00-0049	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	600.67	64.09
11 98 12 00-0050	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	607.32	64.09
11 98 12 00-0051	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	613.98	64.09
11 98 12 00-0052	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	620.63	64.09
11 98 12 00-0053	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	653.90	64.09
11 98 12 00-0054	EA	2' x 7' x 1-3/4" 10 Gauge Metal Detention Door	635.40	64.09
11 98 12 00-0055	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	642.31	64.09
11 98 12 00-0056	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door	646.66	64.09
11 98 12 00-0057	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door	707.25	64.09
11 98 12 00-0058	EA	3' x 7' x 1-3/4" 10 Gauge Metal Detention Door	853.48	64.09
11 98 12 00-0059	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	928.70	64.09
11 98 12 00-0060	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	617.30	64.09
11 98 12 00-0061	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	623.95	64.09
11 98 12 00-0062	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	630.61	64.09
11 98 12 00-0063	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	637.26	64.09
11 98 12 00-0064	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	643.91	64.09
11 98 12 00-0065	EA	3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door	677.18	64.09
11 98 12 00-0066		Pneumatic Door Operators *(11 98 12)*		
11 98 12 00-0067	EA	Pneumatic Detention Cell Entry Door Operator With Hardware Set	4,665.85	
11 98 12 00-0068	EA	Pneumatic Special Housing Detention Cell Door Operator With Hardware Set	5,129.47	
11 98 12 00-0069	EA	Pneumatic MS Detention Cell Door Operator With Hardware Set	6,532.08	
11 98 12 00-0070	EA	Pneumatic Sally Port Detention Door Operator With Hardware Set	7,664.87	
11 98 12 00-0071	EA	Pneumatic Corridor Detention Door Operator With Hardware Set	9,519.82	
11 98 12 00-0072	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves	4,726.77	
11 98 12 00-0073		Security Doors And Frame Assembly *(11 98 12)*		
11 98 12 00-0074	EA	2'-6" x 6'-8", 7 Gauge Flat Door With 7 Gauge Reinforcement Plate, Security Detention Doors And Frames	9,475.47	474.65
		Note: Complete, with hardware, single plate.		
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 98 12 00-0075	EA	2'-6" x 6'-8", 7 Gauge Flat Door With Double 7 Gauge Reinforcement Plate, Security Detention Doors And Frames	11,475.53	471.59
		Note: Complete, with hardware, double plate.		
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	

11 98 14 Detention Door Hardware *(11 98)*

11 98 14 00-0001 Prison Deadlocks and Deadlatches *(11 98 14)*

11 98 14 00-0002	EA	115 Volt AC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	4,224.62	114.94
11 98 14 00-0003	EA	115 Volt AC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	5,341.40	114.94
11 98 14 00-0004	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	4,512.20	114.94
11 98 14 00-0005	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	5,485.23	114.94
11 98 14 00-0006	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-1)	2,343.08	86.20
11 98 14 00-0007	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-2)	2,777.21	86.20

11 98 21 Detention Windows *(11 98)*

11 98 21 00-0001 Visitor Cubicle *(11 98 21)*

Note: Excludes glazing.

11 98 21 00-0002	EA	Detention Visitor Cubicle, Vision Panel, No Intercom	10,879.79	943.30

END OF SECTION 11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	200.75	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	92.49	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	129.91	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	151.49	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	244.67	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	196.49	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	71.48	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	76.31	
12 01 60 00-0010	EA	Secure Seat To Floor	72.96	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	76.29	
		For Epoxy Anchoring, Add	*25.93*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 01 60 00-0012	EA	Reupholster Auditorium Seat And Back Note: Includes removal of existing upholstery.	222.06	

12 01 60 00-0013 Repairs Associated With Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0014	EA	Patch Existing Holes In Floor (Per Auditorium Seat)	1.33	
12 01 60 00-0015	SF	Paint Floors, 1 Coat Paint, Brush/Roller Work	0.76	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	12.43	1.05
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	10.19	1.05
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	11.05	1.05
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	12.77	1.05

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	10.53	1.05
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	12.17	1.05

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	14.55	2.20

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	9.46	2.20
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	13.17	2.20

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	372.65	14.43
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	388.10	14.43
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	413.21	14.43
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	422.86	14.43
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	446.04	14.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	476.94	14.43
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	496.25	14.43
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	523.29	14.43
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	565.78	14.43
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	541.41	19.64
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	576.17	19.64
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	603.21	19.64
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	626.38	19.64
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	680.46	19.64
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	707.50	19.64
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	730.68	19.64
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	780.89	19.64
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	834.97	19.64
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	717.90	24.83
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	768.12	24.83
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	791.29	24.83
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	845.37	24.83
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	895.58	24.83
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	945.80	24.83
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	972.84	24.83
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	1,026.91	24.83
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	1,100.30	24.83
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	905.97	30.02
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	956.19	30.02
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	983.23	30.02
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	1,060.48	30.02
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	1,110.69	30.02
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,164.77	30.02
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,485.00	30.02
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,296.10	30.02
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,334.73	30.02
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	1,070.87	35.22
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,144.26	35.22
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,171.30	35.22
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,248.55	35.22
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,325.81	35.22
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,403.06	35.22
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,480.31	35.22
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,557.57	35.22
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,654.13	35.22
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,258.95	40.41
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,336.21	40.41
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,394.15	40.41
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,471.40	40.41
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,548.65	40.41
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,645.22	40.41
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,722.47	40.41
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,799.73	40.41
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	1,934.92	40.41
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,423.85	45.62
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,520.42	45.62
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,578.36	45.62
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,674.92	45.62
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,752.17	45.62
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,848.74	45.62
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	2,003.25	45.62
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	2,061.19	45.62
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	2,196.38	45.62
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,608.05	50.81
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,685.30	50.81
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,762.55	50.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	1,878.43	50.81
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	1,994.31	50.81
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	2,110.19	50.81
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	2,206.76	50.81
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,303.33	50.81
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,477.15	50.81
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,772.95	56.01
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	1,908.15	56.01
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	1,966.09	56.01
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	2,081.97	56.01
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	2,217.16	56.01
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	2,333.04	56.01
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,448.92	56.01
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	2,564.80	56.01
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	2,757.93	56.01
12 22 13 00-0092		Auditorium Window Curtain *(12 22 13)*		
12 22 13 00-0093		One Panel, Straight Top, Valance, Window Curtain *(12 22 13 00-0092)*		
12 22 13 00-0094	EA	One 6' x 3' Panel, Straight Top, Valance, Window Curtain	550.76	12.99
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0095	EA	One 12' x 3' Panel, Straight Top, Valance, Window Curtain	700.93	25.86
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0096	EA	One 18' x 3' Panel, Straight Top, Valance, Window Curtain	1,004.76	46.55
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0097	EA	One 28' x 3' Panel, Straight Top, Valance, Window Curtain	1,526.11	72.41
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0098	EA	One 6' x 6' Panel, Straight Top, Valance, Window Curtain	744.13	12.99
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0099	EA	One 12' x 6' Panel, Straight Top, Valance, Window Curtain	1,046.25	25.86
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0100	EA	One 18' x 6' Panel, Straight Top, Valance, Window Curtain	1,377.71	46.55
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0101	EA	One 28' x 6' Panel, Straight Top, Valance, Window Curtain	2,147.70	72.41
		For Curved Proscenium Valance, Add	*328.88*	
12 22 13 00-0102		6' Wide Opening, Two Panel, Bi-Parting, Window Curtain *(12 22 13 00-0092)*		
12 22 13 00-0103	PR	Two 4' x 8' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,329.47	8.62
12 22 13 00-0104	PR	Two 4' x 10' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,398.53	8.62
12 22 13 00-0105	PR	Two 4' x 12' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,495.22	8.62
12 22 13 00-0106	PR	Two 4' x 14' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,633.36	8.62
12 22 13 00-0107	PR	Two 4' x 16' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,771.48	8.62
12 22 13 00-0108	PR	Two 4' x 18' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	1,964.87	8.62
12 22 13 00-0109	PR	Two 4' x 20' Panels, 6' Wide Opening, Bi-Parting, Window Curtain	2,155.48	8.62
12 22 13 00-0110		12' Wide Opening, Two Panel, Bi-Parting, Window Curtain *(12 22 13 00-0092)*		
12 22 13 00-0111	PR	Two 7' x 8' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	1,687.78	15.06
12 22 13 00-0112	PR	Two 7' x 10' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	1,825.91	15.06
12 22 13 00-0113	PR	Two 7' x 12' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	1,964.03	15.06
12 22 13 00-0114	PR	Two 7' x 14' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	2,129.79	15.06
12 22 13 00-0115	PR	Two 7' x 16' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	2,350.79	15.06
12 22 13 00-0116	PR	Two 7' x 18' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	2,571.80	15.06
12 22 13 00-0117	PR	Two 7' x 20' Panels, 12' Wide Opening, Bi-Parting, Window Curtain	2,806.63	15.06
12 22 13 00-0118		18' Wide Opening, Two Panel, Bi-Parting, Window Curtain *(12 22 13 00-0092)*		
12 22 13 00-0119	PR	Two 10' x 8' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	2,239.35	21.61
12 22 13 00-0120	PR	Two 10' x 10' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	2,474.17	21.61
12 22 13 00-0121	PR	Two 10' x 12' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	2,764.25	21.61
12 22 13 00-0122	PR	Two 10' x 14' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	3,040.51	21.61
12 22 13 00-0123	PR	Two 10' x 16' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	3,358.19	21.61
12 22 13 00-0124	PR	Two 10' x 18' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	3,946.63	21.61
12 22 13 00-0125	PR	Two 10' x 20' Panels, 18' Wide Opening, Bi-Parting, Window Curtain	4,283.66	21.61
12 22 13 00-0126		28' Wide Opening, Two Panel, Bi-Parting, Window Curtain *(12 22 13 00-0092)*		
12 22 13 00-0127	PR	Two 15' x 8' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	3,628.44	32.30
12 22 13 00-0128	PR	Two 15' x 10' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	4,175.41	32.30
12 22 13 00-0129	PR	Two 15' x 12' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	4,656.11	32.30
12 22 13 00-0130	PR	Two 15' x 14' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	4,913.03	32.30
12 22 13 00-0131	PR	Two 15' x 16' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	5,244.54	32.30
12 22 13 00-0132	PR	Two 15' x 18' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	5,576.05	32.30
12 22 13 00-0133	PR	Two 15' x 20' Panels, 28' Wide Opening, Bi-Parting, Window Curtain	6,197.63	32.30

12 22 16 Drapery Track and Accessories *(12 22)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 16 00-0001		**Metal Wall Or Ceiling Mount Drapery Tracks** *(12 22 16)*		
12 22 16 00-0002		**Basic Traverse Rod** *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	153.06	49.65
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	181.42	49.65
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	216.67	55.17
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	305.21	55.17
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	315.53	60.69
12 22 16 00-0008		**Traverse Rod With Stationary Curtain Rod** *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	180.24	49.65
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	198.55	49.65
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	259.79	55.17
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	298.40	60.69
12 22 16 00-0013		**Double Traverse Rod** *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	226.90	49.65
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	282.43	49.65
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	356.96	55.17
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	385.23	60.69
12 22 16 00-0018		**Curtain Rods** *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	12.65	2.08
12 22 16 00-0020		**Relocate Drapery And Rod** *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	33.10	
12 22 16 00-0022		**Auditorium Window Curtain Hardware** *(12 22 16)*		
12 22 16 00-0023		**Auditorium Window Track And Accessories (Kirsch 9070 Series)** *(12 22 16 00-0022)*		
12 22 16 00-0024	EA	Up To 3', 9070 Series (Window) CWANA (Comes With All Necessary Accessories)	128.69	6.89
12 22 16 00-0025	LF	Each Additional Foot, 9070 Series (Window) CWANA (Comes With All Necessary Accessories)	41.34	6.89
12 22 16 00-0026	LF	Channel (Kirsch 9050)	13.56	3.45
12 22 16 00-0027	EA	Splice Clamp (Kirsch 9051)	28.04	8.62
12 22 16 00-0028	EA	Live End And Dead End Pulley Set (Kirsch 9052)	37.93	6.89
12 22 16 00-0029	EA	Master Carrier (Pairs Only) (Kirsch 9055)	30.86	4.37
12 22 16 00-0030	EA	Single Carrier (Kirsch 9056)	6.69	1.73
12 22 16 00-0031	EA	Center Stop (Kirsch 9058)	9.23	3.45
12 22 16 00-0032	EA	Tension Pulley (Kirsch 9059)	31.58	6.89
12 22 16 00-0033	EA	Hanging Clamp (Kirsch 9063)	21.06	8.62
12 22 16 00-0034	EA	Wall Bracket (Pair Only) (Kirsch 9064)	23.00	6.89
12 22 16 00-0035	LF	3/16" Diameter #6 Sash Cord (Kirsch)	1.32	0.34
12 22 16 00-0036	EA	Window Sill Check Block	18.33	1.73
12 22 16 00-0037		**Medium Duty Window Curtain Track And Accessories (ADC 170 Series)** *(12 22 16 00-0022)*		
12 22 16 00-0038	LF	Steel 170 Series CWANA (Comes With All Necessary Accessories) Note: Excludes pipe backbone.	67.09	6.89
12 22 16 00-0039	LF	Aluminum 170 Series CWANA (Comes With All Necessary Accessories) Note: Excludes pipe backbone.	70.64	6.89
12 22 16 00-0040	LF	14 Gauge Galvanized Steel Track Channel (ADC 1700)	31.74	3.45
12 22 16 00-0041	LF	12 Gauge Aluminum Track Channel (ADC 1700-A)	36.44	3.45
12 22 16 00-0042	EA	Single Carrier (ADC 1701)	13.58	1.73
12 22 16 00-0043	EA	Master Carrier (ADC 1702)	48.69	4.37
12 22 16 00-0044	EA	Live End Pulley (ADC 1703)	116.12	6.89
12 22 16 00-0045	EA	Dead End Pulley (ADC 1704)	70.43	6.89
12 22 16 00-0046	EA	Lap Clamp (ADC 1707)	21.96	3.45
12 22 16 00-0047	EA	Hanging Clamp (ADC 1708)	26.02	8.62
12 22 16 00-0048	EA	End Stop (ADC 1709)	18.94	3.45
12 22 16 00-0049	EA	Pipe Clamp For 1" Inside Diameter, Schedule 40 Pipe Batten (ADC 1713)	31.94	8.62
12 22 16 00-0050	EA	Pipe Clamp For 1-1/4" Inside Diameter, Schedule 40 Pipe Batten (ADC 1714)	34.31	8.62
12 22 16 00-0051	EA	Pipe Clamp For 1-1/2" Inside Diameter, Schedule 40 Pipe Batten (ADC 1715)	36.37	8.62
12 22 16 00-0052	EA	Suspended Splicing Clamp (ADC 1724)	152.15	12.99
12 22 16 00-0053	LF	1/4" Diameter #8 Cord (ADC 1728)	2.13	0.34
12 22 16 00-0054	EA	Overlapping Master Carrier (ADC 2602)	138.80	4.37
12 22 16 00-0055	EA	Ceiling Splicing Clamp (ADC 2624)	174.17	8.62
12 22 16 00-0056		**Wood Jamb Strip And Grounds** *(12 22 16 00-0022)* Note: Includes hardware and painting.		
12 22 16 00-0057	LF	1" x 2" Window Curtain Side Wood Jamb Strips	6.99	0.92
12 22 16 00-0058	LF	1" x 6" Window Valance Or Track Wood Ground	11.99	0.92
12 22 16 00-0059	LF	1" x Required Width Kerfed, Vaulted Window Valance Wood Ground	15.04	0.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 16 00-0060		Auditorium Window Curtain And Hardware Surcharges *(12 22 16)*		
12 22 16 00-0061	EA	Pattern Surcharge (Full Size Paper Template), For Curved Window Valance Or Custom Cut-outs (Decorative Plaster) Note: Three quarter (.75) crew day (with two (2) person crew).	1,379.26	
12 22 16 00-0062	EA	Over 13' Wide Window Surcharge Note: One quarter (.25) crew day (with two (2) person crew).	459.75	

12 23 Interior Shutters *(12 20)*

12 23 13 Wood Interior Shutters *(12 23)*

12 23 13 00-0001		Interior Plantation Shutters *(12 23 13)* Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
12 23 13 00-0002		12" Wide *(12 23 13 00-0001)*		
12 23 13 00-0003	PR	12" x 36" Plantation Shutter	350.05	34.90
12 23 13 00-0004	PR	12" x 40" Plantation Shutter	390.31	36.64
12 23 13 00-0005	PR	12" x 44" Plantation Shutter	426.79	38.38
12 23 13 00-0006	PR	12" x 48" Plantation Shutter	463.26	40.13
12 23 13 00-0007	PR	12" x 52" Plantation Shutter	499.74	41.88
12 23 13 00-0008	PR	12" x 56" Plantation Shutter	536.20	43.62
12 23 13 00-0009	PR	12" x 60" Plantation Shutter	538.53	45.37
12 23 13 00-0010	PR	12" x 64" Plantation Shutter	609.15	47.11
12 23 13 00-0011	PR	12" x 68" Plantation Shutter	645.62	48.85
12 23 13 00-0012	PR	12" x 72" Plantation Shutter	682.10	50.60
12 23 13 00-0013	PR	12" x 76" Plantation Shutter	718.56	52.35
12 23 13 00-0014	PR	12" x 80" Plantation Shutter	755.04	54.09
12 23 13 00-0015		14" Wide *(12 23 13 00-0001)*		
12 23 13 00-0016	PR	14" x 36" Plantation Shutter	365.23	34.90
12 23 13 00-0017	PR	14" x 40" Plantation Shutter	405.49	36.64
12 23 13 00-0018	PR	14" x 44" Plantation Shutter	441.96	38.38
12 23 13 00-0019	PR	14" x 48" Plantation Shutter	478.44	40.13
12 23 13 00-0020	PR	14" x 52" Plantation Shutter	518.70	41.88
12 23 13 00-0021	PR	14" x 56" Plantation Shutter	555.17	43.62
12 23 13 00-0022	PR	14" x 60" Plantation Shutter	591.65	45.37
12 23 13 00-0023	PR	14" x 64" Plantation Shutter	631.91	47.11
12 23 13 00-0024	PR	14" x 68" Plantation Shutter	668.38	48.85
12 23 13 00-0025	PR	14" x 72" Plantation Shutter	704.86	50.60
12 23 13 00-0026	PR	14" x 76" Plantation Shutter	745.12	52.35
12 23 13 00-0027	PR	14" x 80" Plantation Shutter	781.60	54.09
12 23 13 00-0028		15" Wide *(12 23 13 00-0001)*		
12 23 13 00-0029	PR	15" x 36" Plantation Shutter	380.40	34.90
12 23 13 00-0030	PR	15" x 40" Plantation Shutter	420.66	36.64
12 23 13 00-0031	PR	15" x 44" Plantation Shutter	457.14	38.38
12 23 13 00-0032	PR	15" x 48" Plantation Shutter	493.61	40.13
12 23 13 00-0033	PR	15" x 52" Plantation Shutter	533.87	41.88
12 23 13 00-0034	PR	15" x 56" Plantation Shutter	574.14	43.62
12 23 13 00-0035	PR	15" x 60" Plantation Shutter	614.41	45.37
12 23 13 00-0036	PR	15" x 64" Plantation Shutter	654.67	47.11
12 23 13 00-0037	PR	15" x 68" Plantation Shutter	694.93	48.85
12 23 13 00-0038	PR	15" x 72" Plantation Shutter	731.42	50.60
12 23 13 00-0039	PR	15" x 76" Plantation Shutter	771.68	52.35
12 23 13 00-0040	PR	15" x 80" Plantation Shutter	811.95	54.09
12 23 13 00-0041		16" Wide *(12 23 13 00-0001)*		
12 23 13 00-0042	PR	16" x 36" Plantation Shutter	403.17	34.90
12 23 13 00-0043	PR	16" x 40" Plantation Shutter	447.22	36.64
12 23 13 00-0044	PR	16" x 44" Plantation Shutter	487.49	38.38
12 23 13 00-0045	PR	16" x 48" Plantation Shutter	531.55	40.13
12 23 13 00-0046	PR	16" x 52" Plantation Shutter	571.81	41.88
12 23 13 00-0047	PR	16" x 56" Plantation Shutter	612.08	43.62
12 23 13 00-0048	PR	16" x 60" Plantation Shutter	652.35	45.37
12 23 13 00-0049	PR	16" x 64" Plantation Shutter	700.20	47.11
12 23 13 00-0050	PR	16" x 68" Plantation Shutter	740.46	48.85
12 23 13 00-0051	PR	16" x 72" Plantation Shutter	780.74	50.60
12 23 13 00-0052	PR	16" x 76" Plantation Shutter	824.80	52.35
12 23 13 00-0053	PR	16" x 80" Plantation Shutter	865.06	54.09
12 23 13 00-0054		18" Wide *(12 23 13 00-0001)*		
12 23 13 00-0055	PR	18" x 36" Plantation Shutter	437.31	34.90
12 23 13 00-0056	PR	18" x 40" Plantation Shutter	481.37	36.64
12 23 13 00-0057	PR	18" x 44" Plantation Shutter	525.43	38.38
12 23 13 00-0058	PR	18" x 48" Plantation Shutter	573.29	40.13
12 23 13 00-0059	PR	18" x 52" Plantation Shutter	617.34	41.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0060	PR	18" x 56" Plantation Shutter	665.20	43.62
12 23 13 00-0061	PR	18" x 60" Plantation Shutter	709.26	45.37
12 23 13 00-0062	PR	18" x 64" Plantation Shutter	753.32	47.11
12 23 13 00-0063	PR	18" x 68" Plantation Shutter	797.37	48.85
12 23 13 00-0064	PR	18" x 72" Plantation Shutter	845.24	50.60
12 23 13 00-0065	PR	18" x 76" Plantation Shutter	889.29	52.35
12 23 13 00-0066	PR	18" x 80" Plantation Shutter	937.15	54.09
12 23 13 00-0067		20" Wide *(12 23 13 00-0001)*		
12 23 13 00-0068	PR	20" x 36" Plantation Shutter	475.25	34.90
12 23 13 00-0069	PR	20" x 40" Plantation Shutter	526.89	36.64
12 23 13 00-0070	PR	20" x 44" Plantation Shutter	574.75	38.38
12 23 13 00-0071	PR	20" x 48" Plantation Shutter	622.61	40.13
12 23 13 00-0072	PR	20" x 52" Plantation Shutter	674.25	41.88
12 23 13 00-0073	PR	20" x 56" Plantation Shutter	722.11	43.62
12 23 13 00-0074	PR	20" x 60" Plantation Shutter	773.76	45.37
12 23 13 00-0075	PR	20" x 64" Plantation Shutter	821.61	47.11
12 23 13 00-0076	PR	20" x 68" Plantation Shutter	873.25	48.85
12 23 13 00-0077	PR	20" x 72" Plantation Shutter	921.12	50.60
12 23 13 00-0078	PR	20" x 76" Plantation Shutter	972.76	52.35
12 23 13 00-0079	PR	20" x 80" Plantation Shutter	1,020.62	54.09
12 23 13 00-0080		22" Wide *(12 23 13 00-0001)*		
12 23 13 00-0081	PR	22" x 36" Plantation Shutter	505.60	34.90
12 23 13 00-0082	PR	22" x 40" Plantation Shutter	561.04	36.64
12 23 13 00-0083	PR	22" x 44" Plantation Shutter	612.69	38.38
12 23 13 00-0084	PR	22" x 48" Plantation Shutter	6,355.34	40.13
12 23 13 00-0085	PR	22" x 52" Plantation Shutter	719.78	41.88
12 23 13 00-0086	PR	22" x 56" Plantation Shutter	771.43	43.62
12 23 13 00-0087	PR	22" x 60" Plantation Shutter	823.08	45.37
12 23 13 00-0088	PR	22" x 64" Plantation Shutter	878.52	47.11
12 23 13 00-0089	PR	22" x 68" Plantation Shutter	930.16	48.85
12 23 13 00-0090	PR	22" x 72" Plantation Shutter	985.62	50.60
12 23 13 00-0091	PR	22" x 76" Plantation Shutter	1,037.26	52.35
12 23 13 00-0092	PR	22" x 80" Plantation Shutter	1,092.70	54.09
12 23 13 00-0093		24" Wide *(12 23 13 00-0001)*		
12 23 13 00-0094	PR	24" x 36" Plantation Shutter	535.96	34.90
12 23 13 00-0095	PR	24" x 40" Plantation Shutter	595.19	36.64
12 23 13 00-0096	PR	24" x 44" Plantation Shutter	650.63	38.38
12 23 13 00-0097	PR	24" x 48" Plantation Shutter	709.87	40.13
12 23 13 00-0098	PR	24" x 52" Plantation Shutter	765.31	41.88
12 23 13 00-0099	PR	24" x 56" Plantation Shutter	820.75	43.62
12 23 13 00-0100	PR	24" x 60" Plantation Shutter	876.20	45.37
12 23 13 00-0101	PR	24" x 64" Plantation Shutter	935.43	47.11
12 23 13 00-0102	PR	24" x 68" Plantation Shutter	990.86	48.85
12 23 13 00-0103	PR	24" x 72" Plantation Shutter	1,050.11	50.60
12 23 13 00-0104	PR	24" x 76" Plantation Shutter	1,105.55	52.35
12 23 13 00-0105	PR	24" x 80" Plantation Shutter	1,164.79	54.09

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	15.67	0.70
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	15.67	0.70

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	20.06	0.70

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	15.67	0.70

12 24 13 00-0009 MechoShade *(12 24 13)*
Note: Includes all hardware required for installation and stainless steel chain operator.

12 24 13 00-0010 ThermoVeil 0700 Series (Blackout) Shade *(12 24 13 00-0009)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0011	EA	3' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	230.07	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0012	EA	3' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	278.49	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0013	EA	3' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	302.99	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0014	EA	3' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	323.13	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0015	EA	4' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	240.94	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0016	EA	4' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	295.88	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0017	EA	4' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	316.04	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0018	EA	4' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	340.53	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0019	EA	5' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	253.99	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0020	EA	5' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	315.45	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0021	EA	5' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	335.61	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0022	EA	5' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	360.10	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0023	EA	6' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	264.86	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0024	EA	6' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	335.02	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0025	EA	6' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	355.17	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0026	EA	6' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	377.49	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0027	EA	7' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	275.73	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0028	EA	7' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	354.59	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0029	EA	7' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	374.74	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0030	EA	7' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	399.24	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0031	EA	8' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	288.78	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0032	EA	8' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	376.34	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0033	EA	8' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	396.49	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0034	EA	8' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	418.80	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0035	EA	9' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	299.65	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0036	EA	9' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	395.91	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0037	EA	9' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	416.06	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0038	EA	9' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	438.37	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0039	EA	10' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	310.52	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0040	EA	10' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	415.48	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0041	EA	10' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	435.63	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0042	EA	10' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	490.56	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0043	EA	11' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	332.27	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0044	EA	11' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	452.44	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0045	EA	11' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	472.59	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0046	EA	11' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	516.65	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0047	EA	12' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	406.20	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0048	EA	12' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	474.18	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0049	EA	12' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	494.34	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0050	EA	12' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	544.92	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	

12 24 13 00-0051 ThermoVeil 0900 And 3000 Series Shade *(12 24 13 00-0009)*

12 24 13 00-0052	EA	3' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	262.69	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0053	EA	3' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	321.98	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0054	EA	3' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	353.00	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0055	EA	3' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	379.67	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0056	EA	3' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	471.58	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0057	EA	3' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	489.57	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0058	EA	4' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	282.25	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0059	EA	4' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	352.42	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0060	EA	4' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	387.79	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0061	EA	4' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	416.63	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0062	EA	4' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	517.25	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0063	EA	4' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	537.41	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0064	EA	5' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	299.65	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0065	EA	5' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	385.03	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0066	EA	5' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	424.76	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0067	EA	5' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	453.60	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0068	EA	5' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	567.26	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0069	EA	5' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	587.42	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0070	EA	6' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	321.39	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0071	EA	6' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	417.65	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0072	EA	6' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	459.55	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0073	EA	6' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	492.73	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0074	EA	6' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	617.27	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0075	EA	6' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	637.43	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0076	EA	7' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	338.79	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0077	EA	7' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	445.92	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0078	EA	7' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	496.51	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0079	EA	7' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	529.70	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0080	EA	7' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	665.10	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0081	EA	7' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	796.16	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0082	EA	8' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	360.53	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0083	EA	8' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	478.53	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0084	EA	8' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	531.30	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0085	EA	8' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	566.66	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0086	EA	8' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	715.12	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0087	EA	8' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	854.87	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0088	EA	9' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	377.93	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0089	EA	9' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	508.97	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0090	EA	9' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	566.09	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0091	EA	9' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	603.63	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0092	EA	9' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	765.13	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0093	EA	9' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	904.88	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0094	EA	10' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	397.50	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0095	EA	10' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	543.77	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0096	EA	10' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	605.23	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0097	EA	10' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	642.77	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0098	EA	10' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	830.36	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0099	EA	10' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	954.89	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0100	EA	11' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	434.46	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0101	EA	11' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	582.90	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0102	EA	11' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	657.42	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0103	EA	11' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	699.30	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0104	EA	11' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	912.99	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0105	EA	11' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	1,037.52	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0106	EA	12' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	530.14	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0107	EA	12' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	622.04	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0108	EA	12' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	705.25	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0109	EA	12' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	747.14	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0110	EA	12' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	954.30	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0111	EA	12' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	1,085.36	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	

12 24 13 00-0112 EuroVeil 5100, 5200 And 5300 Series Shade *(12 24 13 00-0009)*

12 24 13 00-0113	EA	3' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	277.91	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0114	EA	3' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	300.23	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0115	EA	3' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	344.30	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0116	EA	3' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	407.93	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0117	EA	3' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	456.36	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0118	EA	3' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	500.44	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0119	EA	4' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	299.65	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0120	EA	4' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	321.98	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0121	EA	4' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	376.92	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0122	EA	4' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	453.60	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0123	EA	4' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	502.02	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0124	EA	4' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	522.19	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0125	EA	5' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	321.39	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0126	EA	5' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	341.55	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0127	EA	5' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	407.36	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0128	EA	5' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	499.26	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0129	EA	5' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	547.69	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0130	EA	5' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	567.85	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0131	EA	6' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	345.31	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0132	EA	6' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	365.46	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0133	EA	6' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	437.80	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0134	EA	6' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	544.92	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0135	EA	6' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	593.35	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0136	EA	6' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	728.75	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0137	EA	7' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	367.06	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0138	EA	7' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	387.21	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0139	EA	7' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	466.07	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0140	EA	7' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	590.58	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0141	EA	7' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	639.01	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0142	EA	7' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	774.42	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0143	EA	8' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	390.97	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0144	EA	8' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	411.13	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0145	EA	8' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	498.69	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0146	EA	8' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	636.24	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0147	EA	8' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	702.07	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0148	EA	8' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	813.56	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0149	EA	9' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	412.72	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0150	EA	9' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	430.70	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0151	EA	9' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	531.30	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0152	EA	9' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	690.60	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0153	EA	9' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	739.03	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0154	EA	9' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	859.22	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0155	EA	10' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	434.46	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0156	EA	10' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	454.61	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0157	EA	10' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	559.57	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0158	EA	10' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	729.74	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0159	EA	10' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	780.35	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0160	EA	10' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	922.28	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0161	EA	11' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	488.82	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0162	EA	11' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	508.97	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0163	EA	11' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	633.50	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0164	EA	11' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	801.50	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0165	EA	11' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	860.80	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0166	EA	11' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	994.03	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	
12 24 13 00-0167	EA	12' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	575.80	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0168	EA	12' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	532.89	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0169	EA	12' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	668.29	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0170	EA	12' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	847.16	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0171	EA	12' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	908.64	32.48
		For Installation In Concrete Or Steel, Add	*32.18*	
		For Window Top >10' Above Finished Floor, Add	*16.09*	
12 24 13 00-0172	EA	12' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	1,039.69	37.13
		For Installation In Concrete Or Steel, Add	*36.78*	
		For Window Top >10' Above Finished Floor, Add	*18.39*	

12 24 13 00-0173 Snaplock Fascia *(12 24 13 00-0009)*

12 24 13 00-0174	EA	3' Wide Mecho Slimline, Regular Snaplock Fascia	32.91	2.32
		For Installation In Concrete Or Steel, Add	*2.30*	
		For Window Top >10' Above Finished Floor, Add	*1.15*	
12 24 13 00-0175	EA	4' Wide Mecho Slimline, Regular Snaplock Fascia	43.15	3.09
		For Installation In Concrete Or Steel, Add	*3.07*	
		For Window Top >10' Above Finished Floor, Add	*1.53*	
12 24 13 00-0176	EA	5' Wide Mecho Slimline, Regular Snaplock Fascia	53.39	3.87
		For Installation In Concrete Or Steel, Add	*3.83*	
		For Window Top >10' Above Finished Floor, Add	*1.92*	
12 24 13 00-0177	EA	6' Wide Mecho Slimline, Regular Snaplock Fascia	67.99	4.64
		For Installation In Concrete Or Steel, Add	*4.60*	
		For Window Top >10' Above Finished Floor, Add	*2.30*	
12 24 13 00-0178	EA	7' Wide Mecho Slimline, Regular Snaplock Fascia	76.05	5.41
		For Installation In Concrete Or Steel, Add	*5.36*	
		For Window Top >10' Above Finished Floor, Add	*2.68*	
12 24 13 00-0179	EA	8' Wide Mecho Slimline, Regular Snaplock Fascia	88.48	6.19
		For Installation In Concrete Or Steel, Add	*6.13*	
		For Window Top >10' Above Finished Floor, Add	*3.07*	
12 24 13 00-0180	EA	9' Wide Mecho Slimline, Regular Snaplock Fascia	100.90	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0181	EA	10' Wide Mecho Slimline, Regular Snaplock Fascia	111.14	7.73
		For Installation In Concrete Or Steel, Add	*7.66*	
		For Window Top >10' Above Finished Floor, Add	*3.83*	
12 24 13 00-0182	EA	11' Wide Mecho Slimline, Regular Snaplock Fascia	121.38	8.51
		For Installation In Concrete Or Steel, Add	*8.43*	
		For Window Top >10' Above Finished Floor, Add	*4.21*	
12 24 13 00-0183	EA	12' Wide Mecho Slimline, Regular Snaplock Fascia	194.68	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	
12 24 13 00-0184	EA	3' Wide Mecho Extended, Regular Snaplock Fascia	61.17	2.32
		For Installation In Concrete Or Steel, Add	*2.30*	
		For Window Top >10' Above Finished Floor, Add	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0185	EA	4' Wide Mecho Extended, Regular Snaplock Fascia	82.29	3.09
		For Installation In Concrete Or Steel, Add	*3.07*	
		For Window Top >10' Above Finished Floor, Add	*1.53*	
12 24 13 00-0186	EA	5' Wide Mecho Extended, Regular Snaplock Fascia	101.23	3.87
		For Installation In Concrete Or Steel, Add	*3.83*	
		For Window Top >10' Above Finished Floor, Add	*1.92*	
12 24 13 00-0187	EA	6' Wide Mecho Extended, Regular Snaplock Fascia	120.17	4.64
		For Installation In Concrete Or Steel, Add	*4.60*	
		For Window Top >10' Above Finished Floor, Add	*2.30*	
12 24 13 00-0188	EA	7' Wide Mecho Extended, Regular Snaplock Fascia	141.28	5.41
		For Installation In Concrete Or Steel, Add	*5.36*	
		For Window Top >10' Above Finished Floor, Add	*2.68*	
12 24 13 00-0189	EA	8' Wide Mecho Extended, Regular Snaplock Fascia	160.24	6.19
		For Installation In Concrete Or Steel, Add	*6.13*	
		For Window Top >10' Above Finished Floor, Add	*3.07*	
12 24 13 00-0190	EA	9' Wide Mecho Extended, Regular Snaplock Fascia	181.35	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0191	EA	10' Wide Mecho Extended, Regular Snaplock Fascia	204.64	7.73
		For Installation In Concrete Or Steel, Add	*7.66*	
		For Window Top >10' Above Finished Floor, Add	*3.83*	
12 24 13 00-0192	EA	11' Wide Mecho Extended, Regular Snaplock Fascia	221.40	8.51
		For Installation In Concrete Or Steel, Add	*8.43*	
		For Window Top >10' Above Finished Floor, Add	*4.21*	
12 24 13 00-0193	EA	12' Wide Mecho Extended, Regular Snaplock Fascia	364.28	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	

12 24 13 00-0194 Room Darkening Sill And Side Channel *(12 24 13 00-0009)*

12 24 13 00-0195	EA	36" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	44.36	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0196	EA	48" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	57.69	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	
12 24 13 00-0197	EA	60" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	75.40	11.61
		For Installation In Concrete Or Steel, Add	*11.50*	
		For Window Top >10' Above Finished Floor, Add	*5.75*	
12 24 13 00-0198	EA	72" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	90.91	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0199	EA	84" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	104.24	16.25
		For Installation In Concrete Or Steel, Add	*16.09*	
		For Window Top >10' Above Finished Floor, Add	*8.05*	
12 24 13 00-0200	EA	96" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	119.76	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0201	EA	108" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	135.26	20.89
		For Installation In Concrete Or Steel, Add	*20.69*	
		For Window Top >10' Above Finished Floor, Add	*10.34*	
12 24 13 00-0202	EA	120" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	148.61	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0203	EA	132" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	161.94	25.53
		For Installation In Concrete Or Steel, Add	*25.29*	
		For Window Top >10' Above Finished Floor, Add	*12.64*	
12 24 13 00-0204	EA	144" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	177.45	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0205	EA	36" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	44.36	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0206	EA	48" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	94.65	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	
12 24 13 00-0207	EA	60" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	118.88	11.61
		For Installation In Concrete Or Steel, Add	*11.50*	
		For Window Top >10' Above Finished Floor, Add	*5.75*	
12 24 13 00-0208	EA	72" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	138.74	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0209	EA	84" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	165.12	16.25
		For Installation In Concrete Or Steel, Add	*16.09*	
		For Window Top >10' Above Finished Floor, Add	*8.05*	
12 24 13 00-0210	EA	96" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	187.16	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0211	EA	108" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	222.24	20.89
		For Installation In Concrete Or Steel, Add	*20.69*	
		For Window Top >10' Above Finished Floor, Add	*10.34*	
12 24 13 00-0212	EA	120" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	246.45	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0213	EA	132" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	272.84	25.53
		For Installation In Concrete Or Steel, Add	*25.29*	
		For Window Top >10' Above Finished Floor, Add	*12.64*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0214	EA	144" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	294.86	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0215	EA	36" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	57.41	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0216	EA	48" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	79.43	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	
12 24 13 00-0217	EA	60" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	99.31	11.61
		For Installation In Concrete Or Steel, Add	*11.50*	
		For Window Top >10' Above Finished Floor, Add	*5.75*	
12 24 13 00-0218	EA	72" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	119.17	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0219	EA	84" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	136.85	16.25
		For Installation In Concrete Or Steel, Add	*16.09*	
		For Window Top >10' Above Finished Floor, Add	*8.05*	
12 24 13 00-0220	EA	96" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	156.72	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0221	EA	108" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	176.57	20.89
		For Installation In Concrete Or Steel, Add	*20.69*	
		For Window Top >10' Above Finished Floor, Add	*10.34*	
12 24 13 00-0222	EA	120" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	194.27	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0223	EA	132" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	214.13	25.53
		For Installation In Concrete Or Steel, Add	*25.29*	
		For Window Top >10' Above Finished Floor, Add	*12.64*	
12 24 13 00-0224	EA	144" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	236.16	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	
12 24 13 00-0225	EA	36" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	103.07	6.96
		For Installation In Concrete Or Steel, Add	*6.90*	
		For Window Top >10' Above Finished Floor, Add	*3.45*	
12 24 13 00-0226	EA	48" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	133.79	9.28
		For Installation In Concrete Or Steel, Add	*9.19*	
		For Window Top >10' Above Finished Floor, Add	*4.60*	
12 24 13 00-0227	EA	60" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	166.72	11.61
		For Installation In Concrete Or Steel, Add	*11.50*	
		For Window Top >10' Above Finished Floor, Add	*5.75*	
12 24 13 00-0228	EA	72" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	203.98	13.93
		For Installation In Concrete Or Steel, Add	*13.80*	
		For Window Top >10' Above Finished Floor, Add	*6.90*	
12 24 13 00-0229	EA	84" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	234.70	16.25
		For Installation In Concrete Or Steel, Add	*16.09*	
		For Window Top >10' Above Finished Floor, Add	*8.05*	
12 24 13 00-0230	EA	96" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	269.79	18.56
		For Installation In Concrete Or Steel, Add	*18.39*	
		For Window Top >10' Above Finished Floor, Add	*9.20*	
12 24 13 00-0231	EA	108" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	302.69	20.89
		For Installation In Concrete Or Steel, Add	*20.69*	
		For Window Top >10' Above Finished Floor, Add	*10.34*	
12 24 13 00-0232	EA	120" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	337.78	23.21
		For Installation In Concrete Or Steel, Add	*22.99*	
		For Window Top >10' Above Finished Floor, Add	*11.49*	
12 24 13 00-0233	EA	132" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	368.51	25.53
		For Installation In Concrete Or Steel, Add	*25.29*	
		For Window Top >10' Above Finished Floor, Add	*12.64*	
12 24 13 00-0234	EA	144" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	401.41	27.85
		For Installation In Concrete Or Steel, Add	*27.58*	
		For Window Top >10' Above Finished Floor, Add	*13.79*	

12 25 Window Treatment Operating Hardware *(12 20)*

12 25 09 Window Treatment Control System *(12 25)*

12 25 09 00-0001 Motorized Lightproof Shades *(12 25 09)*

12 25 09 00-0002	SF	Motorized Lightproof Shades, Up To 144" Width	41.75	2.76

12 25 13 Motorized Drapery Rods *(12 25)*

12 25 13 00-0001 Motorized Drapery Track *(12 25 13)*

12 25 13 00-0002	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,505.47	116.32
12 25 13 00-0003	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,569.03	127.95
12 25 13 00-0004	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,632.58	139.59
12 25 13 00-0005	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,696.14	151.22
12 25 13 00-0006	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,759.69	162.85
12 25 13 00-0007	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,823.25	174.48
12 25 13 00-0008	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,886.81	186.11
12 25 13 00-0009	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,950.36	197.75
12 25 13 00-0010	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,013.93	209.38
12 25 13 00-0011	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,077.48	221.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 25 13 00-0012	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,141.04	232.64
12 25 13 00-0013	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,204.59	244.28
12 25 13 00-0014	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,268.14	255.91
12 25 13 00-0015	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,331.70	267.54
12 25 13 00-0016	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,395.25	279.17
12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,458.82	290.80
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,522.37	302.44
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,585.93	314.07
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,649.48	325.70
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,713.03	337.33
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,776.59	348.96

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	2,133.59	265.72
		For 16 Gauge Stainless Steel, Add	*344.43*	
		For >5 To 9, Deduct	*-84.11*	
		For >9, Deduct	*-168.21*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	3,494.28	265.72
		For 16 Gauge Stainless Steel, Add	*636.98*	
		For >5 To 9, Deduct	*-155.54*	
		For >9, Deduct	*-311.08*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	3,237.53	265.72
		For 16 Gauge Stainless Steel, Add	*581.78*	
		For >5 To 9, Deduct	*-142.06*	
		For >9, Deduct	*-284.12*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,980.77	265.72
		For 16 Gauge Stainless Steel, Add	*526.57*	
		For >5 To 9, Deduct	*-128.58*	
		For >9, Deduct	*-257.16*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,893.65	265.72
		For 16 Gauge Stainless Steel, Add	*507.84*	
		For >5 To 9, Deduct	*-124.01*	
		For >9, Deduct	*-248.02*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	3,100.53	287.18
		For 16 Gauge Stainless Steel, Add	*543.04*	
		For >5 To 9, Deduct	*-132.60*	
		For >9, Deduct	*-265.20*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,787.23	287.18
		For 16 Gauge Stainless Steel, Add	*475.68*	
		For >5 To 9, Deduct	*-116.15*	
		For >9, Deduct	*-232.31*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,855.83	287.18
		For 16 Gauge Stainless Steel, Add	*490.43*	
		For >5 To 9, Deduct	*-119.76*	
		For >9, Deduct	*-239.51*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,174.68	287.18
		For 16 Gauge Stainless Steel, Add	*558.98*	
		For >5 To 9, Deduct	*-136.49*	
		For >9, Deduct	*-272.99*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,141.44	287.18
		For 16 Gauge Stainless Steel, Add	*766.83*	
		For >5 To 9, Deduct	*-187.25*	
		For >9, Deduct	*-374.50*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	4,555.76	287.18
		For 16 Gauge Stainless Steel, Add	*855.91*	
		For >5 To 9, Deduct	*-209.00*	
		For >9, Deduct	*-418.00*	

12 31 16 00-0016 30" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,720.46	302.62
		For 16 Gauge Stainless Steel, Add	*454.82*	
		For >5 To 9, Deduct	*-111.06*	
		For >9, Deduct	*-222.12*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,977.33	302.62
		For 16 Gauge Stainless Steel, Add	*725.04*	
		For >5 To 9, Deduct	*-177.05*	
		For >9, Deduct	*-354.09*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	5,133.18	302.62
		For 16 Gauge Stainless Steel, Add	*973.55*	
		For >5 To 9, Deduct	*-237.73*	
		For >9, Deduct	*-475.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,718.85	302.62
		For 16 Gauge Stainless Steel, Add	*884.47*	
		For >5 To 9, Deduct	*-215.98*	
		For >9, Deduct	*-431.95*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	4,462.10	302.62
		For 16 Gauge Stainless Steel, Add	*829.27*	
		For >5 To 9, Deduct	*-202.50*	
		For >9, Deduct	*-404.99*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	3,420.27	302.62
		For 16 Gauge Stainless Steel, Add	*605.27*	
		For >5 To 9, Deduct	*-147.80*	
		For >9, Deduct	*-295.60*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	3,388.75	302.62
		For 16 Gauge Stainless Steel, Add	*598.50*	
		For >5 To 9, Deduct	*-146.14*	
		For >9, Deduct	*-292.29*	
12 31 16 00-0024		**36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	3,008.66	314.64
		For 16 Gauge Stainless Steel, Add	*511.43*	
		For >5 To 9, Deduct	*-124.88*	
		For >9, Deduct	*-249.77*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	3,677.88	314.64
		For 16 Gauge Stainless Steel, Add	*655.32*	
		For >5 To 9, Deduct	*-160.02*	
		For >9, Deduct	*-320.04*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	3,431.33	314.64
		For 16 Gauge Stainless Steel, Add	*602.31*	
		For >5 To 9, Deduct	*-147.08*	
		For >9, Deduct	*-294.15*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,418.60	314.64
		For 16 Gauge Stainless Steel, Add	*1,029.57*	
		For >5 To 9, Deduct	*-251.41*	
		For >9, Deduct	*-502.81*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	5,005.20	314.64
		For 16 Gauge Stainless Steel, Add	*940.69*	
		For >5 To 9, Deduct	*-229.70*	
		For >9, Deduct	*-459.41*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	3,157.72	334.38
		For 16 Gauge Stainless Steel, Add	*535.11*	
		For >5 To 9, Deduct	*-130.67*	
		For >9, Deduct	*-261.33*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,715.04	334.38
		For 16 Gauge Stainless Steel, Add	*1,084.93*	
		For >5 To 9, Deduct	*-264.93*	
		For >9, Deduct	*-529.85*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,300.72	334.38
		For 16 Gauge Stainless Steel, Add	*995.85*	
		For >5 To 9, Deduct	*-243.17*	
		For >9, Deduct	*-486.35*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,871.56	334.38
		For 16 Gauge Stainless Steel, Add	*903.58*	
		For >5 To 9, Deduct	*-220.64*	
		For >9, Deduct	*-441.29*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	3,728.69	334.38
		For 16 Gauge Stainless Steel, Add	*657.87*	
		For >5 To 9, Deduct	*-160.64*	
		For >9, Deduct	*-321.28*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	3,971.54	334.38
		For 16 Gauge Stainless Steel, Add	*710.08*	
		For >5 To 9, Deduct	*-173.39*	
		For >9, Deduct	*-346.78*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,995.30	342.11
		For 16 Gauge Stainless Steel, Add	*1,141.98*	
		For >5 To 9, Deduct	*-278.86*	
		For >9, Deduct	*-557.71*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,581.90	342.11
		For 16 Gauge Stainless Steel, Add	*1,053.10*	
		For >5 To 9, Deduct	*-257.15*	
		For >9, Deduct	*-514.30*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	3,437.98	342.11
		For 16 Gauge Stainless Steel, Add	*592.16*	
		For >5 To 9, Deduct	*-144.60*	
		For >9, Deduct	*-289.19*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	5,152.74	342.11
		For 16 Gauge Stainless Steel, Add	*960.83*	
		For >5 To 9, Deduct	*-234.62*	
		For >9, Deduct	*-469.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	4,254.58	342.11
		For 16 Gauge Stainless Steel, Add	*767.73*	
		For >5 To 9, Deduct	*-187.47*	
		For >9, Deduct	*-374.94*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	4,187.84	342.11
		For 16 Gauge Stainless Steel, Add	*753.38*	
		For >5 To 9, Deduct	*-183.96*	
		For >9, Deduct	*-367.93*	
12 31 16 00-0044		60" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	4,141.25	352.54
		For 16 Gauge Stainless Steel, Add	*738.86*	
		For >5 To 9, Deduct	*-180.42*	
		For >9, Deduct	*-360.84*	
12 31 16 00-0046		18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets *(12 31 16 00-0001)*		
12 31 16 00-0047		12" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,670.61	101.16
		For 16 Gauge Stainless Steel, Add	*315.68*	
		For >5 To 9, Deduct	*-77.08*	
		For >9, Deduct	*-154.17*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,663.10	107.30
		For 16 Gauge Stainless Steel, Add	*311.42*	
		For >5 To 9, Deduct	*-76.05*	
		For >9, Deduct	*-152.09*	
12 31 16 00-0050		18" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,750.88	108.76
		For 16 Gauge Stainless Steel, Add	*329.64*	
		For >5 To 9, Deduct	*-80.49*	
		For >9, Deduct	*-160.99*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,649.85	108.76
		For 16 Gauge Stainless Steel, Add	*307.92*	
		For >5 To 9, Deduct	*-75.19*	
		For >9, Deduct	*-150.38*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,936.89	118.32
		For 16 Gauge Stainless Steel, Add	*365.54*	
		For >5 To 9, Deduct	*-89.26*	
		For >9, Deduct	*-178.52*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,874.78	118.32
		For 16 Gauge Stainless Steel, Add	*352.18*	
		For >5 To 9, Deduct	*-86.00*	
		For >9, Deduct	*-172.00*	
12 31 16 00-0055		24" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,448.64	120.42
		For 16 Gauge Stainless Steel, Add	*259.70*	
		For >5 To 9, Deduct	*-63.41*	
		For >9, Deduct	*-126.83*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,976.97	120.42
		For 16 Gauge Stainless Steel, Add	*373.29*	
		For >5 To 9, Deduct	*-91.15*	
		For >9, Deduct	*-182.30*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,876.87	120.42
		For 16 Gauge Stainless Steel, Add	*351.77*	
		For >5 To 9, Deduct	*-85.90*	
		For >9, Deduct	*-171.79*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,861.35	112.44
		For 16 Gauge Stainless Steel, Add	*351.79*	
		For >5 To 9, Deduct	*-85.90*	
		For >9, Deduct	*-171.80*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,754.76	112.44
		For 16 Gauge Stainless Steel, Add	*328.87*	
		For >5 To 9, Deduct	*-80.31*	
		For >9, Deduct	*-160.61*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	2,254.36	112.44
		For 16 Gauge Stainless Steel, Add	*436.28*	
		For >5 To 9, Deduct	*-106.53*	
		For >9, Deduct	*-213.07*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,326.53	112.44
		For 16 Gauge Stainless Steel, Add	*236.80*	
		For >5 To 9, Deduct	*-57.82*	
		For >9, Deduct	*-115.65*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,248.77	107.30
		For 16 Gauge Stainless Steel, Add	*222.34*	
		For >5 To 9, Deduct	*-54.29*	
		For >9, Deduct	*-108.59*	
12 31 16 00-0064		30" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,570.59	127.90
		For 16 Gauge Stainless Steel, Add	*497.68*	
		For >5 To 9, Deduct	*-121.53*	
		For >9, Deduct	*-243.05*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,327.75	127.90
		For 16 Gauge Stainless Steel, Add	*445.47*	
		For >5 To 9, Deduct	*-108.78*	
		For >9, Deduct	*-217.55*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,555.64	127.90
		For 16 Gauge Stainless Steel, Add	*279.46*	
		For >5 To 9, Deduct	*-68.24*	
		For >9, Deduct	*-136.48*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,446.06	117.72
		For 16 Gauge Stainless Steel, Add	*475.27*	
		For >5 To 9, Deduct	*-116.05*	
		For >9, Deduct	*-232.11*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	2,203.21	117.72
		For 16 Gauge Stainless Steel, Add	*423.06*	
		For >5 To 9, Deduct	*-103.30*	
		For >9, Deduct	*-206.61*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,431.10	117.72
		For 16 Gauge Stainless Steel, Add	*257.05*	
		For >5 To 9, Deduct	*-62.77*	
		For >9, Deduct	*-125.54*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,352.99	112.20
		For 16 Gauge Stainless Steel, Add	*242.67*	
		For >5 To 9, Deduct	*-59.26*	
		For >9, Deduct	*-118.51*	

12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,673.58	131.58
		For 16 Gauge Stainless Steel, Add	*518.25*	
		For >5 To 9, Deduct	*-126.55*	
		For >9, Deduct	*-253.10*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,425.17	131.58
		For 16 Gauge Stainless Steel, Add	*464.84*	
		For >5 To 9, Deduct	*-113.51*	
		For >9, Deduct	*-227.01*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,658.62	131.58
		For 16 Gauge Stainless Steel, Add	*300.03*	
		For >5 To 9, Deduct	*-73.26*	
		For >9, Deduct	*-146.53*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,547.94	120.42
		For 16 Gauge Stainless Steel, Add	*496.05*	
		For >5 To 9, Deduct	*-121.13*	
		For >9, Deduct	*-242.26*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,306.02	120.42
		For 16 Gauge Stainless Steel, Add	*444.04*	
		For >5 To 9, Deduct	*-108.43*	
		For >9, Deduct	*-216.85*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,532.99	120.42
		For 16 Gauge Stainless Steel, Add	*277.83*	
		For >5 To 9, Deduct	*-67.84*	
		For >9, Deduct	*-135.69*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,456.62	114.65
		For 16 Gauge Stainless Steel, Add	*263.87*	
		For >5 To 9, Deduct	*-64.43*	
		For >9, Deduct	*-128.86*	

12 31 16 00-0080 42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,795.85	165.54
		For 16 Gauge Stainless Steel, Add	*529.98*	
		For >5 To 9, Deduct	*-129.41*	
		For >9, Deduct	*-258.83*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,802.93	156.22
		For 16 Gauge Stainless Steel, Add	*535.49*	
		For >5 To 9, Deduct	*-130.76*	
		For >9, Deduct	*-261.52*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,556.37	156.22
		For 16 Gauge Stainless Steel, Add	*482.48*	
		For >5 To 9, Deduct	*-117.81*	
		For >9, Deduct	*-235.63*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,786.12	156.22
		For 16 Gauge Stainless Steel, Add	*316.88*	
		For >5 To 9, Deduct	*-77.38*	
		For >9, Deduct	*-154.75*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,646.31	131.20
		For 16 Gauge Stainless Steel, Add	*512.54*	
		For >5 To 9, Deduct	*-125.16*	
		For >9, Deduct	*-250.31*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,401.61	131.20
		For 16 Gauge Stainless Steel, Add	*459.93*	
		For >5 To 9, Deduct	*-112.31*	
		For >9, Deduct	*-224.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,631.36	131.20
		For 16 Gauge Stainless Steel, Add	*294.33*	
		For >5 To 9, Deduct	*-71.87*	
		For >9, Deduct	*-143.74*	
12 31 16 00-0088		48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	2,455.45	165.54
		For 16 Gauge Stainless Steel, Add	*455.36*	
		For >5 To 9, Deduct	*-111.19*	
		For >9, Deduct	*-222.39*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,903.90	159.66
		For 16 Gauge Stainless Steel, Add	*555.68*	
		For >5 To 9, Deduct	*-135.69*	
		For >9, Deduct	*-271.38*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,661.05	159.66
		For 16 Gauge Stainless Steel, Add	*503.47*	
		For >5 To 9, Deduct	*-122.94*	
		For >9, Deduct	*-245.88*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,888.94	159.66
		For 16 Gauge Stainless Steel, Add	*337.47*	
		For >5 To 9, Deduct	*-82.41*	
		For >9, Deduct	*-164.81*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,746.87	132.43
		For 16 Gauge Stainless Steel, Add	*533.60*	
		For >5 To 9, Deduct	*-130.30*	
		For >9, Deduct	*-260.59*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,504.95	132.43
		For 16 Gauge Stainless Steel, Add	*481.58*	
		For >5 To 9, Deduct	*-117.60*	
		For >9, Deduct	*-235.19*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,731.91	132.43
		For 16 Gauge Stainless Steel, Add	*315.38*	
		For >5 To 9, Deduct	*-77.01*	
		For >9, Deduct	*-154.02*	
12 31 16 00-0096		Accessories *(12 31 16 00-0001)*		
12 31 16 00-0097		Stainless Steel Countertops *(12 31 16 00-0096)*		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	114.99	6.74
		For 14 Gauge Stainless Steel, Add	*22.43*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	105.49	6.74
		For 14 Gauge Stainless Steel, Add	*20.33*	
12 31 16 00-0100	EA	Cutout For Sink And/or Faucet In Stainless Steel Countertop	173.11	
12 31 16 00-0101		Stainless Steel Wall Panels *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	40.96	10.06
		For 18 Gauge Stainless Steel, Add	*5.66*	
		For 16 Gauge Stainless Steel, Add	*10.91*	
12 31 16 00-0103		Pedestal Legs *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Type 304 Stainless Steel Pedestal Leg	365.60	15.32
12 31 16 00-0105		Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*		
12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	397.24	28.87

12 35 Specialty Casework *(12 30)*

12 35 59 Display Casework *(12 35)*

See CSI section 10 12 00 00-0000 for display cases.

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001		Modular Casework *(12 35 70 13)*		
		Note: Midmark.		
12 35 70 13-0002	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	966.03	106.77
12 35 70 13-0003	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	1,198.38	133.46
12 35 70 13-0004	EA	36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	1,670.34	106.77
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve (Midmark MC-SBS009-363624)	1,919.59	133.46
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door (Midmark MC-SBP006-243624)	1,091.40	106.77
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors (Midmark MC-SBP007-363624)	1,466.01	133.46
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-153624)	1,095.62	106.77
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-183624)	1,178.73	106.77
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-213624)	1,250.57	106.77
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-303624)	1,563.21	133.46
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-363624)	1,587.16	133.46
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-243624)	1,466.09	106.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-303624)	1,704.07	133.46
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-363624)	1,756.19	133.46
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-123624)	1,284.38	106.77
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-153624)	1,321.00	106.77
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-183624)	1,415.38	106.77
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-303624)	2,353.45	133.46
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-363624)	2,485.86	133.46
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-153624)	1,653.43	106.77
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-183624)	1,750.63	106.77
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-213624)	1,918.26	106.77
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors (Midmark MC-STP032-368424)	3,374.19	320.30
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors (Midmark MC-STP081-248424)	3,102.32	320.30
12 35 70 13-0026	EA	Desk Filler Panel (Midmark MC-SDA003-060501)	128.11	26.69
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-123014)	706.84	106.77
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-153014)	694.16	106.77
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-183014)	739.24	106.77
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-213014)	799.81	106.77
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-243014)	868.83	106.77
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-303014)	995.54	133.46
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-363014)	1,078.64	133.46
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-303014)	1,320.93	133.46
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-363014)	1,467.42	133.46
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	179.30	17.31
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	351.76	23.08
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit Note: Includes blocking	39.74	14.43

12 35 70 13-0039 Hospital Cabinets *(12 35 70 13)*

12 35 70 13-0040	LF	Hospital Base Cabinet, Laminated Plastic	594.13	92.38
12 35 70 13-0041	LF	Hospital Base Cabinet, Enameled Steel	691.31	92.38
12 35 70 13-0042	LF	Hospital Base Cabinet, Stainless Steel	1,063.46	92.38
12 35 70 13-0043	LF	Hospital Cabinet Base Trim, 4" High Enameled Steel	75.40	4.62
12 35 70 13-0044	LF	Hospital Cabinet Base Trim, 4" High Stainless Steel	159.13	4.62
12 35 70 13-0045	LF	Hospital Counter Top, Laminated Plastic Without Backsplash	120.62	23.09
12 35 70 13-0046	LF	Hospital Counter Top, Laminated Plastic With Backsplash	133.03	23.09
12 35 70 13-0047	LF	Hospital Counter Top, Stainless Steel	283.95	23.09
12 35 70 13-0048	LF	Hospital Wall Cabinet, Laminated Plastic	485.37	61.78
12 35 70 13-0049	LF	Hospital Wall Cabinet, Enameled Steel	588.75	61.78
12 35 70 13-0050	LF	Hospital Wall Cabinet, Stainless Steel	898.87	61.78

12 35 70 13-0051 Operating Room Stainless Cabinets *(12 35 70 13)*

12 35 70 13-0052	EA	18-3/4" Deep x 24-3/4" Wide x 84" High, Left Hinge Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 5124LGAS) Note: Includes 9" wire basket (1 EA), 9" tray with 1 short and 1 long divider (1 EA), 6" tray with 2 short and 2 long dividers (4 EA), 3" tray with 3 short and 3 long dividers (2 EA), and metal economy shelf for 18" deep cabinets (1 EA).	6,545.29	288.69
12 35 70 13-0053	EA	18-3/4" Deep x 36" Wide x 84" High, Double Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 519618DGAS) Note: Includes metal shelf for 18" deep x 36" wide cabinets, accepts cath managers (15-3/4" deep x 33" wide) (5 EA).	10,061.74	346.43
12 35 70 13-0054	EA	18-3/4" Deep x 49-1/2" Wide x 84" High, Double Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 514818DGAS) Note: Includes 9" wire basket (2 EA), 9" tray with 1 short and 1 long divider (2 EA), 6" tray with 2 short and 2 long dividers (8 EA), 3" tray with 3 short and 3 long dividers (4 EA), and metal economy shelf for 18" deep cabinets (2 EA).	11,525.33	404.17
12 35 70 13-0055	EA	18-3/4" Deep x 36" Wide x 84" High, Double Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 519618DGAS) Note: Includes metal shelf for 18" deep x 36" wide cabinets, accepts cath managers (15-3/4" deep x 33" wide) (1 EA) and cath manager, 6 in-line hooks, includes hardware (7 EA).	10,081.27	346.43
12 35 70 13-0056	EA	24-3/4" Deep x 17-3/4" Wide x 84" High, Left Hinge Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 5118LGAS) Note: Includes 9" wire basket (1 EA), 9" tray with 1 short and 1 long divider (1 EA), 6" tray with 2 short and 2 long dividers (4 EA), 3" tray with 3 short and 3 long dividers (2 EA), and metal economy shelf for 24" deep cabinets (1 EA).	6,545.29	288.69
12 35 70 13-0057	EA	24-3/4" Deep x 34" Wide x 84" High, Glass Door, Stainless Cabinet (Stanley Healthcare 5136DGAS-NC) Note: Includes metal shelf, accepts cath managers (21-5/8" deep x 31" wide) (5 EA).	9,701.79	404.17
12 35 70 13-0058	EA	24-3/4" Deep x 34" Wide x 84" High, Double Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 5136DGAS) Note: Includes 9" wire basket (2 EA), 9" tray with 1 short and 1 long divider (2 EA), 6" tray with 2 short and 2 long dividers (8 EA), 3" tray with 3 short and 3 long dividers (4 EA), and metal economy shelf for 24" deep cabinets (2 EA).	11,525.33	404.17
12 35 70 13-0059	EA	24-3/4" Deep x 34" Wide x 84" High, Double Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 5136DGAS) Note: Includes 9" wire basket (1 EA), 9" tray with 1 short and 1 long divider (1 EA), 6" tray with 2 short and 2 long dividers (4 EA), 3" tray with 3 short and 3 long dividers (2 EA), metal economy shelf for 24" deep cabinets (1 EA), metal shelf, accepts cath managers (21-5/8" deep x 14-3/4" wide) (1 EA), and cath manager, 8 in-line hooks, includes hardware (3 EA).	10,890.36	404.17
12 35 70 13-0060	EA	18-3/4" Deep x 24-3/4" Wide x 60" High, Recessed, Left Hinged Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 516024LGAS) Note: Includes 9" tray with 1 short and 1 long divider (1 EA), 6" tray with 2 short and 2 long dividers (4 EA), 3" tray with 3 short and 3 long dividers (1 EA), and metal economy shelf for 18" deep cabinets (1 EA).	6,300.23	346.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 13-0061	EA	18-3/4 Deep" x 36" Wide x 60" High, Recessed, Double Hinged Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 516036DGAS) Note: Includes metal shelf for 18" deep x 36" wide cabinets, accepts cath managers (15-3/4" deep x 33" wide) (4 EA).	9,408.73	404.17
12 35 70 13-0062	EA	18-3/4" Deep x 49-3/4" Wide x 60" High, Recessed, Double Hinged Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 516049DGAS) Note: Includes 9" tray with 1 short and 1 long divider (2 EA), 6" tray with 2 short and 2 long dividers (8 EA), 3" tray with 3 short and 3 long dividers (2 EA), and metal economy shelf for 18" deep cabinets (2 EA).	11,513.35	461.90
12 35 70 13-0063	EA	18-3/4" Deep x 36" Wide x 60" High, Recessed, Double Hinged Glass Doors, Cell System, Stainless Cabinet (Stanley Healthcare 516036DGAS) Note: Includes metal shelf for 18" deep x 36" wide cabinets, accepts cath managers (15-3/4" deep x 33" wide) (1 EA) and cath manager, 6 in-line hooks, includes hardware (7 EA).	9,662.72	404.17

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001 Medical Exam Room Cabinetwork *(12 35 70 19)*

12 35 70 19-0002 Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*

12 35 70 19-0003 Medical Exam Room Wall Cabinets (Clinton Industries®) *(12 35 70 19-0002)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.

12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	540.93	35.78
		For Additional Shelf, Add	*48.80*	
		For Lock And Inside Latch Combo For Double Doors, Add	*112.96*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	589.72	35.78
		For Additional Shelf, Add	*48.80*	
		For Lock And Inside Latch Combo For Double Doors, Add	*112.96*	
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	960.20	46.74
		For Additional Shelf, Add	*48.80*	
		For Lock And Inside Latch Combo For Double Doors, Add	*113.39*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	1,046.15	49.05
		For Additional Shelf, Add	*48.80*	
		For Lock And Inside Latch Combo For Double Doors, Add	*113.48*	
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	1,155.31	52.51
		For Additional Shelf, Add	*48.80*	
		For Lock And Inside Latch Combo For Double Doors, Add	*113.62*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	1,306.30	55.98
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*76.58*	
		For Lock And Inside Latch Combo For Double Doors, Add	*113.76*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	1,504.93	60.01
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*76.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*113.92*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	1,593.17	63.48
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*76.88*	
		For Lock And Inside Latch Combo For Double Doors, Add	*114.06*	

12 35 70 19-0012 Medical Exam Room Base Cabinets *(12 35 70 19-0001)*

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) *(12 35 70 19-0012)*

Note: Includes polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	1,814.75	88.29
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Soft Edge Top, Add	*569.29*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	1,877.49	88.29
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Soft Edge Top, Add	*569.29*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	2,109.86	88.29
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Soft Edge Top, Add	*569.29*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	2,128.45	88.29
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Soft Edge Top, Add	*569.29*	
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	2,407.28	88.29
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Soft Edge Top, Add	*569.29*	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) *(12 35 70 19-0012)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76) Note: Includes stainless steel sink and faucet.	927.52	144.25
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*80.08*	
		For Lock And Inside Latch Combo For Double Doors, Add	*117.26*	
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	1,268.70	88.29
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*77.86*	
		For Lock And Inside Latch Combo For Double Doors, Add	*115.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	1,836.67	99.25
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*78.29*	
		For Lock And Inside Latch Combo For Double Doors, Add	*115.47*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,987.60	107.33
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*78.61*	
		For Lock And Inside Latch Combo For Double Doors, Add	*115.79*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	2,168.67	121.18
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*79.16*	
		For Lock And Inside Latch Combo For Double Doors, Add	*116.34*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	2,613.53	129.83
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*79.50*	
		For Lock And Inside Latch Combo For Double Doors, Add	*116.68*	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	2,888.76	138.49
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*79.85*	
		For Lock And Inside Latch Combo For Double Doors, Add	*117.03*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	3,066.82	201.97
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*82.36*	
		For Lock And Inside Latch Combo For Double Doors, Add	*119.54*	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	3,080.35	147.14
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*80.19*	
		For Lock And Inside Latch Combo For Double Doors, Add	*117.37*	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	3,517.46	213.50
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*48.80*	
		For Lock For Single Door/Drawer, Add	*82.82*	
		For Lock And Inside Latch Combo For Double Doors, Add	*120.00*	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,939.41	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	3,030.04	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,680.04	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,810.17	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,401.82	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,494.77	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	4,418.96	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	4,507.26	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,861.90	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,959.50	173.11
		For Locks On Single Drawer And All Doors, Add	*737.59*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	4,881.37	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	4,976.64	219.28
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*740.33*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	4,372.79	196.19
		For Locks On Single Drawer And All Doors, Add	*738.96*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	4,461.09	196.19
		For Locks On Single Drawer And All Doors, Add	*738.96*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	5,389.94	242.36
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*741.70*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	5,494.50	242.36
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*741.70*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*

Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	17.88	11.54
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	23.85	11.54
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	31.99	3.46
12 36 23 13-0005	EA	Cutout For Sink And/or Faucet In Plastic Laminate Countertop	96.17	

12 36 53 Laboratory Countertops *(12 36)*

12 36 53 00-0001 Epoxy Resin Laboratory Countertops *(12 36 53)*

Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.

12 36 53 00-0002	SF	3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	61.62	5.78
12 36 53 00-0003	SF	1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	63.66	5.78
12 36 53 00-0004	SF	1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	77.74	5.78
12 36 53 00-0005	LF	4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	23.36	3.46
12 36 53 00-0006	LF	6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	31.58	3.46

12 36 53 00-0007 Epoxy Resin Laboratory Sinks *(12 36 53)*

Note: Includes cut out for sinks, and sink strainer assembly set.

12 36 53 00-0008 Epoxy Resin Laboratory Undermount Sink *(12 36 53 00-0007)*

12 36 53 00-0009	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	617.97	119.25
12 36 53 00-0010	EA	12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	628.22	119.25
12 36 53 00-0011	EA	12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	737.78	119.25
12 36 53 00-0012	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	628.22	119.25
12 36 53 00-0013	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	666.52	129.29
12 36 53 00-0014	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	703.04	129.29
12 36 53 00-0015	EA	16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,461.81	129.29
12 36 53 00-0016	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink	786.49	129.29
12 36 53 00-0017	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	814.35	138.20
12 36 53 00-0018	EA	24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,002.67	138.20
12 36 53 00-0019	EA	24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,203.48	138.20
12 36 53 00-0020	EA	30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,636.85	138.20
12 36 53 00-0021	EA	31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,350.99	138.20
12 36 53 00-0022	EA	36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,833.33	138.20
12 36 53 00-0023	EA	42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	3,881.59	141.55

12 36 53 00-0024 Epoxy Resin Laboratory Drop-in Sink *(12 36 53 00-0007)*

12 36 53 00-0025	EA	9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	616.44	119.25
12 36 53 00-0026	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	617.95	119.25
12 36 53 00-0027	EA	12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink	723.00	119.25
12 36 53 00-0028	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	628.22	119.25
12 36 53 00-0029	EA	15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	662.38	119.25
12 36 53 00-0030	EA	15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	662.38	119.25
12 36 53 00-0031	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink	666.52	129.29
12 36 53 00-0032	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	703.04	129.29
12 36 53 00-0033	EA	16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	723.95	129.29
12 36 53 00-0034	EA	18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	729.16	129.29
12 36 53 00-0035	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	855.38	129.29
12 36 53 00-0036	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	883.24	138.20
12 36 53 00-0037	EA	25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	902.67	138.20
12 36 53 00-0038	EA	25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	909.27	138.20
12 36 53 00-0039	EA	30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	1,345.92	138.20
12 36 53 00-0040	EA	10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	626.48	118.14
12 36 53 00-0041	EA	12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	644.18	118.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0042		**Epoxy Resin Laboratory ADA Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0043	EA	14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	622.66	118.14
12 36 53 00-0044	EA	14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	671.02	118.14
12 36 53 00-0045	EA	14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	695.73	118.14
12 36 53 00-0046	EA	25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	909.27	138.20
12 36 53 00-0047		**Epoxy Resin Laboratory Cup Sink** *(12 36 53 00-0007)*		
12 36 53 00-0048	EA	6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink	403.13	95.85
12 36 53 00-0049		**Polypropylene Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0050	SF	3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	27.43	5.78
12 36 53 00-0051	SF	1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	30.45	5.78
12 36 53 00-0052	SF	1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	34.32	5.78
12 36 53 00-0053	LF	4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	11.96	3.46
12 36 53 00-0054	LF	6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	14.48	3.46
12 36 53 00-0055		**Polypropylene Laboratory Sinks** *(12 36 53)*		
		Note: Includes cut out for sinks, and sink strainer assembly set.		
12 36 53 00-0056		**Polypropylene Laboratory Undermount Sink** *(12 36 53 00-0055)*		
12 36 53 00-0057	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	722.18	119.25
12 36 53 00-0058	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	764.32	119.25
12 36 53 00-0059	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	753.96	119.25
12 36 53 00-0060	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink	792.19	129.29
12 36 53 00-0061	EA	16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	993.31	129.29
12 36 53 00-0062	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	1,003.81	129.29
12 36 53 00-0063	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	1,003.81	129.29
12 36 53 00-0064	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	1,074.04	138.20
12 36 53 00-0065	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink	1,127.21	138.20
12 36 53 00-0066	EA	23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	1,074.04	138.20
12 36 53 00-0067	EA	30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink	1,709.22	138.20
12 36 53 00-0068	EA	31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	1,699.78	138.20
12 36 53 00-0069	EA	42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink	3,030.64	141.55
12 36 53 00-0070		**Polypropylene Laboratory Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0071	EA	11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	616.37	119.25
12 36 53 00-0072	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	1,016.05	119.25
12 36 53 00-0073	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	658.46	119.25
12 36 53 00-0074	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink	648.13	119.25
12 36 53 00-0075	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	897.97	129.29
12 36 53 00-0076	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	686.33	129.29
12 36 53 00-0077	EA	18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	897.97	129.29
12 36 53 00-0078	EA	16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	876.69	129.29
12 36 53 00-0079	EA	18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	856.03	129.29
12 36 53 00-0080	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	897.97	129.29
12 36 53 00-0081	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	968.20	138.20
12 36 53 00-0082	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	1,021.35	138.20
12 36 53 00-0083	EA	31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	1,540.49	138.20
12 36 53 00-0084	EA	12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink	573.82	118.14
12 36 53 00-0085		**Polypropylene Laboratory ADA Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0086	EA	16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	856.03	129.29
12 36 53 00-0087	EA	25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	997.54	138.20
12 36 53 00-0088		**Polypropylene Laboratory Cup Sink** *(12 36 53 00-0055)*		
12 36 53 00-0089	EA	6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink	441.12	118.14
12 36 53 00-0090		**Phenolic Resin Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0091	SF	3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	50.20	5.78
12 36 53 00-0092	SF	1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	56.95	5.78
12 36 53 00-0093	SF	1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	61.64	5.78
12 36 53 00-0094	LF	4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	18.81	3.46
12 36 53 00-0095	LF	6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	24.69	3.46
12 36 53 00-0096		**High Pressure Laminate Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0097	SF	3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	28.39	5.78
12 36 53 00-0098	SF	1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	29.94	5.78
12 36 53 00-0099	SF	1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	29.94	5.78
12 36 53 00-0100	LF	4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	15.74	3.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0101	LF	6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	15.74	3.46

12 36 61 Simulated Stone Countertops *(12 36)*

12 36 61 16 Solid Surfacing Countertops *(12 36 61)*

12 36 61 16-0001 Solid Surface Countertops *(12 36 61 16)*

12 36 61 16-0002 Solid Surface Countertops *(12 36 61 16-0001)*

Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.

12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.	48.92	7.70
		For Up To 50, Add	*16.14*	
		For >50 To 100, Add	*9.20*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	69.98	11.54
		For Up To 50, Add	*22.85*	
		For >50 To 100, Add	*13.26*	
12 36 61 16-0005	SF	3/4" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	89.63	11.54
		For Up To 50, Add	*29.64*	
		For >50 To 100, Add	*16.83*	
12 36 61 16-0006	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	83.19	11.54
		For Up To 50, Add	*26.81*	
		For >50 To 100, Add	*15.90*	
12 36 61 16-0007	LF	1/2" Thick, Solid Color, Solid Surface 4" End Splash For Solid Surface Countertops	28.32	4.91
12 36 61 16-0008	EA	Cutout For Undercounter Sink In Solid Surface Countertop Note: Not including integral seamed sinks	173.11	

12 36 61 16-0009 Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)*

Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 36 61 16-0010	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	297.26	
12 36 61 16-0011	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	365.49	
12 36 61 16-0012	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	277.42	
12 36 61 16-0013	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	266.25	
12 36 61 16-0014	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	365.49	
12 36 61 16-0015	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	365.49	
12 36 61 16-0016	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	365.49	
12 36 61 16-0017	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	365.49	

12 36 61 16-0018 Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)*

Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.

12 36 61 16-0019	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	386.33	
12 36 61 16-0020	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	603.42	
12 36 61 16-0021	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	777.09	
12 36 61 16-0022	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	834.15	
12 36 61 16-0023	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	834.15	

12 36 61 19 Quartz Agglomerate Countertops *(12 36 61)*

12 36 61 19-0001 Quartz Agglomerate Countertops *(12 36 61 19)*

Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.

12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	78.02	16.16
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	95.80	16.16
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	86.91	18.46
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	104.67	18.46
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	16.84	4.91
12 36 61 19-0007	EA	Cutout For Sink And/or Faucet In Quartz Agglomerate Countertop	173.11	

12 36 91 Countertop Accessories *(12 36)*

12 36 91 00-0001 Countertop Accessories *(12 36 91)*

12 36 91 00-0002	EA	Wall Hung Bracket, Countertop Support	79.81	7.70

12 40 Furnishings and Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

12 41 11 00-0001 Wall Mounted Office Accessories *(12 41 11)*

12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	26.12	4.04
12 41 11 00-0003	EA	Wall Mounted Flag	19.25	4.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 41 11 00-0004		Desk Edge Mounted Clamps *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and tabletops, clamp adjusts to support 1/8" to 3/8" thick panels.	41.80	
		For >10 To 50, Deduct	*-10.19*	
		For >50, Deduct	*-16.30*	

12 48 Rugs and Mats *(12 40)*

12 48 13 Entrance Floor Mats and Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001		Floor Mats *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessed Floor Mat	29.90	2.76
		For Colors, Add	*4.88*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessed Floor Mat	37.40	2.76
		For Colors, Add	*6.38*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessed Floor Mat	31.77	2.76
		For Colors, Add	*5.25*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessed Floor Mat	39.27	2.76
		For Colors, Add	*6.75*	
12 48 13 13-0006		Link Mats *(12 48 13 13)* Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	49.59	2.76
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	31.30	2.76
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	19.71	2.76
12 48 13 13-0010	SF	Vinyl Link Mats, Color	34.09	2.76
12 48 13 13-0011	LF	Rubber Nosing	4.92	1.22
12 48 13 13-0012		Duckboard *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	71.38	3.00
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	15.57	3.00
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	16.98	3.00
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	23.97	3.00
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	21.88	3.00
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	34.42	3.00

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001		Recessed Frames *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	29.99	4.61
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	17.65	4.61

12 48 19 Entrance Floor Gratings *(12 48)*

12 48 19 00-0001		Stainless Steel Entrance Floor Grating And Frame *(12 48 19)*		
12 48 19 00-0002	SF	18" x 18" Stainless Steel Grid Flooring, 3/4" High, C/S Floorometry 101 System	120.00	2.76

12 50 Furniture *(12)*

12 55 Detention Furniture *(12 50)*

12 55 13 Detention Bunks *(12 55)*

12 55 13 00-0001		Wall Mounted Single Bunks *(12 55 13)* Note: 14 Gauge center pan, 7 gauge bracket, painted.		
12 55 13 00-0002	EA	27" Wide x 80" Long x 12" High Wall Mounted Bunk	491.98	88.29
12 55 13 00-0003	EA	32" Wide x 80" Long x 12" High Wall Mounted Bunk	558.36	88.29
12 55 13 00-0004	EA	38" Wide x 80" Long x 12" High Wall Mounted Bunk	604.83	88.29
12 55 13 00-0005		Floor Supported Single Bunks *(12 55 13)* Note: 14 Gauge center pan, 10 gauge steel brackets, 10 gauge formed steel legs, painted.		
12 55 13 00-0006	EA	27" Wide x 80" Long x 12" High Floor Mounted Bunk	491.98	88.29
12 55 13 00-0007	EA	32" Wide x 80" Long x 12" High Floor Mounted Bunk	558.36	88.29
12 55 13 00-0008	EA	38" Wide x 80" Long x 12" High Floor Mounted Bunk	604.83	88.29
12 55 13 00-0009	EA	Up To 20, Floor Mounted Single Bunk, 75" x 27" x 16" High	1,025.70	125.39
12 55 13 00-0010	EA	>20, Floor Mounted Single Bunk, 75" x 27" x 16" High	870.72	125.39
12 55 13 00-0011		Floor Mounted Single Bunks *(12 55 13)* Note: 14 Gauge center pan, 10 gauge formed steel legs, painted.		
12 55 13 00-0012	EA	27" Wide x 80" Long x 16" High Floor Mounted Bunk	491.98	88.29
12 55 13 00-0013	EA	32" Wide x 80" Long x 16" High Floor Mounted Bunk	558.36	88.29
12 55 13 00-0014	EA	38" Wide x 80" Long x 16" High Floor Mounted Bunk	604.83	88.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 13 00-0015		**Single Stackable Bunks** *(12 55 13)* Note: One piece, 10 gauge formed pan, 10 gauge formed steel legs, painted.		
12 55 13 00-0016	EA	26" Wide x 76" Long x 32" High Stackable Bunk	505.25	88.29
12 55 13 00-0017	EA	31" Wide x 76" Long x 32" High Stackable Bunk	525.17	88.29
12 55 13 00-0018		**Double Bunks** *(12 55 13)* Note: 14 Gauge center pans, 10 gauge formed steel legs, painted.		
12 55 13 00-0019	EA	27" Wide x 80" Long x 52" High Double Bunk	882.75	117.72
12 55 13 00-0020	EA	32" Wide x 80" Long x 52" High Double Bunk	896.02	117.72
12 55 13 00-0021	EA	38" Wide x 80" Long x 52" High Double Bunk	952.45	117.72
12 55 13 00-0022	EA	Double Bunk Bed, 75" x 27", Up To 20	1,616.05	188.08
12 55 13 00-0023	EA	Double Bunk Bed, 75" x 27", Over 20	1,461.07	188.08
12 55 13 00-0024		**Non-Removable Storage Drawers For Bunks/Beds** *(12 55 13)* Note: 14 Gauge drawer with 10 gauge formed steel guides, painted.		
12 55 13 00-0025	EA	16" Long x 15" Wide x 7.75" Deep Non-Removable Storage Drawer	217.74	44.15
12 55 13 00-0026	EA	24" Long x 23" Wide x 10" Deep Non-Removable Storage Drawer	356.39	47.09
12 55 13 00-0027		**Expanded Metal Convertible Beds** *(12 55 13)* Note: 1/2" #13 Flattened expanded metal pans, welded inside 2" x 1-1/2" x 3/16" angle iron frames, 10 gauge formed steel legs with floor mount, 1-1/2" 10 gauge bracing between leg assembly and frame.		
12 55 13 00-0028	EA	27" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	506.74	88.29
12 55 13 00-0029	EA	32" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	534.27	88.29
12 55 13 00-0030	EA	38" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	561.78	88.29
12 55 13 00-0031	EA	Adapter Kit For Converting Single Bed To Double Deck	70.69	
12 55 16		**Detention Desks** *(12 55)*		
12 55 16 00-0001		**Heavy-Duty Desk With Swing Arm Seat** *(12 55 16)* Note: Includes 12" diameter 11 gauge stainless steel seat, cast iron swing arm, 10 gauge shelves, stainless steel towel bar, 10 gauge steel foot rest, painted.		
12 55 16 00-0002	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 10 Gauge Steel Top	918.04	94.18
12 55 16 00-0003	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 11 Gauge Stainless Steel Top	1,153.89	94.18
12 55 16 00-0004		**Institutional Desk And Seat** *(12 55 16)*		
12 55 16 00-0005	EA	Institutional Desk And Seat, Up To 20	1,335.68	125.39
12 55 16 00-0006	EA	Institutional Desk And Seat, Over 20	1,180.69	125.39
12 55 16 00-0007	EA	Institutional Desk, Up To 20	1,180.69	125.39
12 55 16 00-0008	EA	Institutional Desk, Over 20	1,025.70	125.39
12 55 19		**Detention Stools** *(12 55)*		
12 55 19 00-0001		**Heavy-Duty Steel Bench** *(12 55 19)* Note: 10 Gauge formed steel seat with rounded corners and edges, painted.		
12 55 19 00-0002	EA	48" Long x 18" High x 12" Wide Steel Bench	469.95	70.63
12 55 19 00-0003	EA	72" Long x 18" High x 12" Wide Steel Bench	568.02	76.52
12 55 19 00-0004	EA	96" Long x 18" High x 12" Wide Steel Bench	629.46	82.40
12 55 19 00-0005		**Stationary Stools** *(12 55 19)* Note: 12" Diameter 11 gauge stainless steel seat, 18" high, 2" schedule 40 steel pipe with welded 6" x 6" 10 gauge steel base plate bolted to floor.		
12 55 19 00-0006	EA	12" Diameter x 18" High, Stainless Steel Stationary Stool	358.70	70.63
12 55 19 00-0007	EA	Up To 20, 8" x 8" x 20" High, Floor Mounted Stool	357.51	50.16
12 55 19 00-0008	EA	>20, 8" x 8" x 20" High, Floor Mounted Stool	382.47	50.16
12 55 19 00-0009	EA	Up To 20, Wall Mounted Swivel Stool	497.35	62.69
12 55 19 00-0010	EA	>20, Wall Mounted Swivel Stool	404.36	62.69
12 55 19 00-0011		**Cell Bench** *(12 55 19)* Note: 1-3/4" Thick red oak bench top, polyurethane finish.		
12 55 19 00-0012	EA	48" Long x 12" Wide Cell Bench, Red Oak	426.63	70.75
12 55 19 00-0013	EA	72" Long x 12" Wide Cell Bench, Red Oak	513.31	76.52
12 55 19 00-0014	EA	96" Long x 12" Wide Cell Bench, Red Oak	568.19	82.40
12 55 23		**Detention Tables** *(12 55)*		
12 55 23 00-0001		**Wall Mounted Table And Seat Set** *(12 55 23)* Note: 7 Gauge steel, painted.		
12 55 23 00-0002	EA	18" x 12" Wall Mounted Table And Seat Set	247.29	50.04
12 55 23 00-0003		**Heavy-Duty Picnic Style Table** *(12 55 23)* Note: 10 Gauge steel, painted.		
12 55 23 00-0004	EA	48" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,255.37	88.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 23 00-0005	EA	72" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,599.03	94.18
12 55 23 00-0006	EA	96" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,782.67	103.01
12 55 23 00-0007		Heavy-Duty Picnic Style Table *(12 55 23)*		
		Note: 11 Gauge stainless steel top and benches with 10 gauge steel table base parts, painted.		
12 55 23 00-0008	EA	48" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	2,168.13	88.29
12 55 23 00-0009	EA	72" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,092.63	94.18
12 55 23 00-0010	EA	96" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,276.27	103.01
12 55 23 00-0011		Heavy-Duty Pedestal Style Table *(12 55 23)*		
		Note: 10 Gauge steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.		
12 55 23 00-0012	EA	24" Long x 59" Wide x 30" High Steel Pedestal Table	1,109.70	73.57
12 55 23 00-0013	EA	65" Long x 65" Wide x 30" High Steel Pedestal Table	1,801.87	79.46
12 55 23 00-0014	EA	65" Long x 87" Wide x 30" High Steel Pedestal Table	2,665.99	88.29
12 55 23 00-0015	EA	12" Diameter Stainless Steel Replacement Seat	86.71	11.77
12 55 23 00-0016		Heavy-Duty Pedestal Style Table *(12 55 23)*		
		Note: 11 Gauge stainless steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.		
12 55 23 00-0017	EA	24" Long x 59" Wide x 30" High Stainless Steel Pedestal Table	1,391.83	73.57
12 55 23 00-0018	EA	65" Long x 65" Wide x 30" High Stainless Steel Pedestal Table	2,399.31	79.46
12 55 23 00-0019	EA	65" Long x 87" Wide x 30" High Stainless Steel Pedestal Table	3,479.18	88.29
12 55 23 00-0020	EA	12" Diameter Gray-Primed Steel Replacement Seats	61.92	11.77
12 55 23 00-0021	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	2,141.94	144.19
12 55 23 00-0022	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	1,831.97	144.19
12 55 23 00-0023	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	2,786.96	156.73
12 55 23 00-0024	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	2,476.99	156.73
12 55 23 00-0025	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	4,051.91	169.27
12 55 23 00-0026	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	3,431.97	169.27
12 55 26		**Detention Safety Clothes Hooks** *(12 55)*		
12 55 26 00-0001	EA	Collapsible Clothes Hook, Screw Type	74.07	24.52
12 55 26 00-0002	EA	Collapsible Clothes Hook, Weld-On Type	69.23	23.55
12 55 26 00-0003	EA	8" x 18" Storage Shelf	319.99	47.09
		Note: With four collapsible clothes hooks on 11" x 18" back plate, welded steel plates, anchors.		
12 55 26 00-0004	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Up To 20	410.28	50.16
12 55 26 00-0005	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Over 20	332.79	50.16
12 55 26 00-0006	EA	Safety Clothes Hook, Up To 20	164.92	28.21
12 55 26 00-0007	EA	Safety Clothes Hook, Over 20	195.76	28.21
12 55 26 00-0008	EA	Adjustable, Auto-Release Clothes/Towel Hook (Whitehall WH1830A-SLPT)	236.00	24.52
12 55 26 00-0009	EA	19" Overall Length, 8" Overall Height, 4" Overall Depth, Enviro-Glaze, Recessed Shelf (Whitehall WH1820-FA)	427.95	55.18
12 55 86		**Detention Control Room Furniture** *(12 55)*		
12 55 86 00-0001	EA	22-1/4" Wide x 13-1/2" Deep Tray, Single-Arm, TV Wall Mount	279.07	91.96
12 55 86 00-0002	EA	Up To 20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	808.02	94.04
12 55 86 00-0003	EA	>20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	730.53	94.04
12 55 86 00-0004	EA	Speaking Device With 6" Diameter Stainless Steel Cover Plates	1,935.05	37.62
		Note: Includes neoprene gaskets, baffle, wire cloth and security screws.		
12 55 86 00-0005	EA	1" Diameter, 3/16" Thick, Stainless Steel Shower Curtain Rod With 12 Gauge Hooks	837.61	31.35
12 55 86 00-0006	LF	20" Depth, 10 Gauge Steel, Wall Mounted Bench	409.58	18.80
12 55 86 00-0007	LF	20" Depth, 10 Gauge Steel, Floor Mounted Bench	496.31	15.68
12 56		**Institutional Furniture** *(12 50)*		
12 56 39		**Lecterns** *(12 56)*		
12 56 39 00-0001		Lectern *(12 56 39)*		
12 56 39 00-0002	EA	CON 1500-32 Van Oak Lectern	6,360.10	52.39
12 56 53		**Laboratory Furniture** *(12 56)*		
12 56 53 00-0001		Steel Laboratory Furniture *(12 56 53)*		
12 56 53 00-0002		Modular Steel Laboratory Cabinets *(12 56 53 00-0001)*		
12 56 53 00-0003		29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,344.99	99.78
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,342.17	99.78
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,467.84	108.90
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,391.48	108.90
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,657.20	122.87
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,710.30	126.91
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,886.33	139.96
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,959.40	145.38
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,902.94	141.11
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,909.59	141.70
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,019.17	149.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,975.96	146.54
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,640.25	195.85
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,689.71	199.54
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,968.97	220.22
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	3,015.74	223.67
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,763.27	204.97
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	3,075.13	228.18
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,978.97	228.18
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,792.25	206.70
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,766.79	206.70
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,988.91	221.71
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,966.36	221.37
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,247.29	240.65
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,344.19	248.05
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,659.51	271.37
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,745.56	277.83
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,125.09	231.76
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,939.12	218.02
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,321.01	246.31
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,158.28	234.30
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,543.71	262.82
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,543.71	262.82
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,878.60	287.65
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,739.48	277.38
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,343.90	322.18
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,360.87	322.30
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,735.83	351.28
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,782.34	354.74
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,316.98	394.36
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,483.06	406.71
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,188.23	406.48
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,811.66	431.07
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,678.89	421.26
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,523.94	187.19
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,453.23	187.65
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,633.54	195.27
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,562.83	195.27
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,536.81	262.36
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	3,058.62	226.79
12 56 53 00-0054		35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,408.10	104.50
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,399.62	104.50
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,487.83	110.39
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,438.00	106.82
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,703.68	126.44
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,786.71	132.22
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,906.26	141.46
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,979.32	147.23
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,995.94	147.81
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,995.94	147.81
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,118.80	157.05
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,089.80	159.36
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,766.39	204.97
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,839.46	210.17
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	3,052.04	226.33
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	3,121.75	231.53
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	3,075.28	228.07
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	3,161.63	234.42
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,373.95	250.01
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,646.16	270.22
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,621.00	270.22
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,317.67	245.39
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,743.72	246.54
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,487.06	258.67
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,427.66	258.67
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,842.38	285.00
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,995.19	296.31
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	4,243.60	314.79
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	4,343.90	322.18
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,537.09	262.13
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,779.24	280.04
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,802.32	281.76
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,948.62	292.73
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,559.76	338.35
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,715.80	349.89
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,951.48	367.22
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,955.06	367.22
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,539.49	411.10
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,585.68	413.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,699.32	422.64
12 56 53 00-0095	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	6,010.63	446.32
12 56 53 00-0096	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	6,030.09	447.47
12 56 53 00-0097	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,117.38	453.71
12 56 53 00-0098	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,406.17	475.19
12 56 53 00-0099	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,528.99	484.31
12 56 53 00-0100	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,695.07	496.55
12 56 53 00-0101	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,878.00	510.18
12 56 53 00-0102	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,577.19	191.12
12 56 53 00-0103	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,623.48	194.58
12 56 53 00-0104	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,633.54	195.16
12 56 53 00-0105	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,693.10	199.78
12 56 53 00-0106	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,543.71	262.82
12 56 53 00-0107	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,650.01	270.67
12 56 53 00-0108	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,908.68	289.97
12 56 53 00-0109	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,965.03	293.89
12 56 53 00-0110	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,676.72	272.52
12 56 53 00-0111	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	3,411.20	252.90
12 56 53 00-0112	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,809.93	134.30
12 56 53 00-0113	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,833.19	135.92
12 56 53 00-0114	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,909.59	141.46
12 56 53 00-0115	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,916.22	142.04
12 56 53 00-0116	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,507.38	186.04
12 56 53 00-0117	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,563.85	190.19
12 56 53 00-0118	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,733.15	202.66
12 56 53 00-0119	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,743.11	203.47
12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,168.20	235.00
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,487.06	258.67
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,646.46	270.45

12 56 53 00-0123 25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*

12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,338.36	99.31
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,381.54	102.43
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,391.49	103.24
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,428.03	105.89
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,494.45	110.86
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,527.66	113.28
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,663.81	123.44
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,683.75	124.83
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,979.32	146.78
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,029.14	150.46
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,075.63	153.93
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,118.80	157.16
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,577.14	191.12
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,610.34	193.65
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,846.09	211.09
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,856.06	211.90
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,314.73	171.71
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,391.12	177.37
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,430.95	180.26
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,474.15	183.49
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,467.14	257.17
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,536.90	262.36
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,742.73	277.60
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,809.19	282.57
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,168.20	235.00
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,507.01	260.17
12 56 53 00-0150	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,675.90	191.12
12 56 53 00-0151	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,710.38	193.65
12 56 53 00-0152	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,955.17	211.09
12 56 53 00-0153	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,965.52	211.79
12 56 53 00-0154	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,600.01	257.17
12 56 53 00-0155	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,672.45	262.36
12 56 53 00-0156	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,886.17	277.60
12 56 53 00-0157	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,955.17	282.57

12 56 53 00-0158 31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*

12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,461.24	108.54
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,504.42	111.43
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,511.06	112.01
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,527.66	113.17
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,623.99	120.68
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,670.46	123.56
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,982.64	147.23
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	2,025.83	150.12
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,062.36	153.01
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,115.45	157.05
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,152.03	159.94
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,254.98	166.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,786.35	206.70
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,826.18	209.59
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,141.63	233.26
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,204.74	237.89
12 56 53 00-0175	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,454.22	181.88
12 56 53 00-0176	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,527.30	187.07
12 56 53 00-0177	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,563.80	189.96
12 56 53 00-0178	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,630.24	195.16
12 56 53 00-0179	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,580.04	265.02
12 56 53 00-0180	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,683.01	273.11
12 56 53 00-0181	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	4,290.69	318.14
12 56 53 00-0182	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	4,089.19	282.34
12 56 53 00-0183	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,506.91	260.40
12 56 53 00-0184	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	4,174.49	310.06
12 56 53 00-0185	EA	30" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,893.14	206.70
12 56 53 00-0186	EA	36" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,934.49	209.59
12 56 53 00-0187	EA	42" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	3,262.03	233.04
12 56 53 00-0188	EA	48" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	3,327.56	237.65
12 56 53 00-0189	EA	30" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,717.24	265.59
12 56 53 00-0190	EA	36" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,824.16	273.22
12 56 53 00-0191	EA	42" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	4,455.13	318.26
12 56 53 00-0192	EA	48" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	4,247.78	282.57

12 56 53 00-0193 Wood Laboratory Furniture *(12 56 53)*

Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.

12 56 53 00-0194 Wood Laboratory Cabinets *(12 56 53 00-0193)*

12 56 53 00-0195 28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*

12 56 53 00-0196	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	973.59	91.23
12 56 53 00-0197	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,005.17	94.11
12 56 53 00-0198	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,036.73	97.00
12 56 53 00-0199	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,068.30	100.46
12 56 53 00-0200	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,186.75	111.43
12 56 53 00-0201	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,265.69	118.36
12 56 53 00-0202	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,323.57	123.56
12 56 53 00-0203	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,394.64	130.49
12 56 53 00-0204	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,184.11	110.86
12 56 53 00-0205	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,226.21	114.90
12 56 53 00-0206	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,252.53	117.21
12 56 53 00-0207	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,286.71	120.68
12 56 53 00-0208	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,655.18	154.74
12 56 53 00-0209	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,757.50	164.55
12 56 53 00-0210	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,815.62	169.76
12 56 53 00-0211	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,886.90	176.68
12 56 53 00-0212	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,739.16	162.83
12 56 53 00-0213	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,800.06	168.59
12 56 53 00-0214	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,847.23	173.22
12 56 53 00-0215	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,910.43	178.41
12 56 53 00-0216	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,768.28	165.13
12 56 53 00-0217	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,839.34	172.63
12 56 53 00-0218	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,891.96	177.26
12 56 53 00-0219	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,952.49	183.03
12 56 53 00-0220	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,765.62	258.67
12 56 53 00-0221	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,931.26	274.26
12 56 53 00-0222	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,991.73	280.04
12 56 53 00-0223	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	3,110.24	291.01
12 56 53 00-0224	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,168.17	296.20
12 56 53 00-0225	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,315.49	310.63
12 56 53 00-0226	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,412.75	319.87
12 56 53 00-0227	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,531.23	330.84
12 56 53 00-0228	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,310.40	122.98
12 56 53 00-0229	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,357.77	127.60
12 56 53 00-0230	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,386.71	129.91
12 56 53 00-0231	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,426.19	133.37
12 56 53 00-0232	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,115.59	198.05
12 56 53 00-0233	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,212.97	207.17
12 56 53 00-0234	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,276.10	213.06
12 56 53 00-0235	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,357.71	220.67
12 56 53 00-0236	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet	2,762.93	258.67
12 56 53 00-0237	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet	3,062.84	286.96
12 56 53 00-0238	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,078.85	101.04
12 56 53 00-0239	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,113.05	104.16
12 56 53 00-0240	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,134.10	106.12
12 56 53 00-0241	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,160.41	108.67
12 56 53 00-0242	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,486.71	139.15
12 56 53 00-0243	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,563.00	146.31
12 56 53 00-0244	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,607.76	150.46
12 56 53 00-0245	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,655.10	154.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0246		**35-3/4" High x 22" Deep, Wood Laboratory Base Cabinets** *(12 56 53 00-0194)*		
12 56 53 00-0247	EA	24" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,705.73	159.65
12 56 53 00-0248	EA	30" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	2,209.29	206.44
12 56 53 00-0249	EA	36" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	2,224.74	208.23
12 56 53 00-0250	EA	48" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	2,565.89	240.17
12 56 53 00-0251	EA	24" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,796.26	261.72
12 56 53 00-0252	EA	30" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	3,137.36	293.66
12 56 53 00-0253	EA	36" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	3,356.09	314.13
12 56 53 00-0254	EA	48" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	3,974.21	371.98
12 56 53 00-0255	EA	24" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	2,055.63	191.93
12 56 53 00-0256	EA	30" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	2,831.20	265.00
12 56 53 00-0257	EA	36" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	2,944.94	275.64
12 56 53 00-0258	EA	48" Wide Base Cabinet With Combination Door/Drawer	3,291.93	308.13
12 56 53 00-0259		**30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets** *(12 56 53 00-0194)*		
12 56 53 00-0260	EA	15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,157.79	108.54
		For 36" Height Cabinet, Add	*174.09*	
12 56 53 00-0261	EA	18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,202.53	112.01
		For 36" Height Cabinet, Add	*180.82*	
12 56 53 00-0262	EA	21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,234.11	115.47
		For 36" Height Cabinet, Add	*185.57*	
12 56 53 00-0263	EA	24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,126.22	105.08
		For 36" Height Cabinet, Add	*169.34*	
12 56 53 00-0264	EA	30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,294.64	121.25
		For 36" Height Cabinet, Add	*194.67*	
12 56 53 00-0265	EA	36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,402.52	131.07
		For 36" Height Cabinet, Add	*210.89*	
12 56 53 00-0266	EA	42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,465.66	137.42
		For 36" Height Cabinet, Add	*220.38*	
12 56 53 00-0267	EA	48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,552.51	144.93
		For 36" Height Cabinet, Add	*233.44*	
12 56 53 00-0268	EA	15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,270.96	118.94
		For 36" Height Cabinet, Add	*191.11*	
12 56 53 00-0269	EA	18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,328.83	124.72
		For 36" Height Cabinet, Add	*199.81*	
12 56 53 00-0270	EA	21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,718.67	1,304.89
		For 36" Height Cabinet, Add	*20.93*	
12 56 53 00-0271	EA	24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,428.82	133.37
		For 36" Height Cabinet, Add	*214.84*	
12 56 53 00-0272	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,868.28	174.95
		For 36" Height Cabinet, Add	*280.92*	
12 56 53 00-0273	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,012.99	188.23
		For 36" Height Cabinet, Add	*302.68*	
12 56 53 00-0274	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,105.09	197.46
		For 36" Height Cabinet, Add	*316.53*	
12 56 53 00-0275	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,215.58	207.28
		For 36" Height Cabinet, Add	*333.15*	
12 56 53 00-0276	EA	15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,423.56	133.37
		For 36" Height Cabinet, Add	*214.05*	
12 56 53 00-0277	EA	18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,478.82	138.57
		For 36" Height Cabinet, Add	*222.36*	
12 56 53 00-0278	EA	21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,520.90	142.04
		For 36" Height Cabinet, Add	*228.69*	
12 56 53 00-0279	EA	24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,578.81	147.81
		For 36" Height Cabinet, Add	*237.40*	
12 56 53 00-0280	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,176.12	203.82
		For 36" Height Cabinet, Add	*327.21*	
12 56 53 00-0281	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,315.61	216.52
		For 36" Height Cabinet, Add	*348.18*	
12 56 53 00-0282	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,378.70	222.87
		For 36" Height Cabinet, Add	*357.68*	
12 56 53 00-0283	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,523.44	236.15
		For 36" Height Cabinet, Add	*379.44*	
12 56 53 00-0284	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,947.25	181.88
		For 36" Height Cabinet, Add	*292.79*	
12 56 53 00-0285	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,102.20	196.89
		For 36" Height Cabinet, Add	*316.13*	
12 56 53 00-0286	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,244.42	210.17
		For 36" Height Cabinet, Add	*337.50*	
12 56 53 00-0287	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,402.32	225.18
		For 36" Height Cabinet, Add	*361.24*	
12 56 53 00-0288	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,352.69	219.99
		For 36" Height Cabinet, Add	*353.72*	
12 56 53 00-0289	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,499.98	233.85
		For 36" Height Cabinet, Add	*375.88*	
12 56 53 00-0290	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,578.70	241.35
		For 36" Height Cabinet, Add	*387.75*	
12 56 53 00-0291	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,720.77	254.62
		For 36" Height Cabinet, Add	*409.11*	
12 56 53 00-0292	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	2,868.39	268.48
		For 36" Height Cabinet, Add	*431.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0293	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	2,986.48	280.04
		For 36" Height Cabinet, Add	*449.08*	
12 56 53 00-0294		30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0295	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,431.47	133.96
		For 36" Height Cabinet, Add	*215.24*	
12 56 53 00-0296	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,568.29	146.65
		For 36" Height Cabinet, Add	*235.81*	
12 56 53 00-0297	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,644.60	154.16
		For 36" Height Cabinet, Add	*247.29*	
12 56 53 00-0298	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,747.23	162.83
		For 36" Height Cabinet, Add	*262.72*	
12 56 53 00-0299	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,331.47	124.72
		For 36" Height Cabinet, Add	*200.21*	
12 56 53 00-0300	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,402.52	131.64
		For 36" Height Cabinet, Add	*210.89*	
12 56 53 00-0301	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,444.56	135.69
		For 36" Height Cabinet, Add	*217.22*	
12 56 53 00-0302	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,505.12	140.30
		For 36" Height Cabinet, Add	*226.32*	
12 56 53 00-0303	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,976.20	184.77
		For 36" Height Cabinet, Add	*297.14*	
12 56 53 00-0304	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,144.57	200.35
		For 36" Height Cabinet, Add	*322.46*	
12 56 53 00-0305	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,239.29	210.17
		For 36" Height Cabinet, Add	*336.71*	
12 56 53 00-0306	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,365.55	221.14
		For 36" Height Cabinet, Add	*355.70*	
12 56 53 00-0307	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,489.33	139.73
		For 36" Height Cabinet, Add	*223.94*	
12 56 53 00-0308	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,534.10	143.77
		For 36" Height Cabinet, Add	*230.67*	
12 56 53 00-0309	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,584.05	147.81
		For 36" Height Cabinet, Add	*238.19*	
12 56 53 00-0310	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,665.63	155.90
		For 36" Height Cabinet, Add	*250.45*	
12 56 53 00-0311	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,270.89	212.48
		For 36" Height Cabinet, Add	*341.46*	
12 56 53 00-0312	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,449.82	229.22
		For 36" Height Cabinet, Add	*368.36*	
12 56 53 00-0313	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,526.04	236.72
		For 36" Height Cabinet, Add	*379.83*	
12 56 53 00-0314	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,689.24	251.74
		For 36" Height Cabinet, Add	*404.37*	
12 56 53 00-0315	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,039.36	190.53
		For 36" Height Cabinet, Add	*306.64*	
12 56 53 00-0316	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,254.82	211.32
		For 36" Height Cabinet, Add	*339.08*	
12 56 53 00-0317	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,368.10	221.71
		For 36" Height Cabinet, Add	*356.10*	
12 56 53 00-0318	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,531.48	237.31
		For 36" Height Cabinet, Add	*380.63*	
12 56 53 00-0319	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,458.00	229.79
		For 36" Height Cabinet, Add	*369.55*	
12 56 53 00-0320	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,613.13	244.23
		For 36" Height Cabinet, Add	*392.89*	
12 56 53 00-0321	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,718.18	254.62
		For 36" Height Cabinet, Add	*408.72*	
12 56 53 00-0322	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,865.47	267.91
		For 36" Height Cabinet, Add	*430.88*	
12 56 53 00-0323	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	3,002.59	281.19
		For 36" Height Cabinet, Add	*451.45*	
12 56 53 00-0324	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	3,099.57	290.42
		For 36" Height Cabinet, Add	*466.09*	
12 56 53 00-0325		Wood Laboratory Pegboard *(12 56 53 00-0193)*		
12 56 53 00-0326	EA	3/4" Thick x 32" Long x 29" High Laboratory Pegboard Note: Includes 53 polypropylene pegs, each 1/2" diameter x 4-1/2" long and ribbon sealing putty for wall mounting	1,929.47	185.95
12 56 53 00-0327		Plastic Laminate Laboratory Furniture *(12 56 53)*		
12 56 53 00-0328		Plastic Laminate Laboratory Cabinets *(12 56 53 00-0327)*		
12 56 53 00-0329		28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet *(12 56 53 00-0328)*		
12 56 53 00-0330	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,019.46	91.11
12 56 53 00-0331	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,052.53	94.11
12 56 53 00-0332	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,085.58	97.00
12 56 53 00-0333	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,118.63	100.00
12 56 53 00-0334	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,242.66	111.09
12 56 53 00-0335	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,325.32	118.48
12 56 53 00-0336	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,385.93	123.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0337	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,460.34	130.60
12 56 53 00-0338	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,239.90	110.86
12 56 53 00-0339	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,283.98	114.79
12 56 53 00-0340	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,311.54	117.21
12 56 53 00-0341	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,347.33	120.44
12 56 53 00-0342	EA	30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,733.16	154.97
12 56 53 00-0343	EA	36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,840.31	164.44
12 56 53 00-0344	EA	42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,901.16	169.98
12 56 53 00-0345	EA	48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,975.79	176.68
12 56 53 00-0346	EA	15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,821.11	162.70
12 56 53 00-0347	EA	18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,884.86	168.59
12 56 53 00-0348	EA	21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,934.27	172.99
12 56 53 00-0349	EA	24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	2,000.44	178.88
12 56 53 00-0350	EA	15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,851.59	165.48
12 56 53 00-0351	EA	18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,926.00	172.18
12 56 53 00-0352	EA	21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,981.10	177.14
12 56 53 00-0353	EA	24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	2,044.48	182.80
12 56 53 00-0354	EA	15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,493.19	110.86
12 56 53 00-0355	EA	18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,547.64	114.90
12 56 53 00-0356	EA	21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,580.74	117.21
12 56 53 00-0357	EA	24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,623.78	120.68
12 56 53 00-0358	EA	30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,344.49	209.59
12 56 53 00-0359	EA	36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,518.41	225.18
12 56 53 00-0360	EA	42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,581.16	230.96
12 56 53 00-0361	EA	48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,705.53	241.93
12 56 53 00-0362	EA	15" Wide Cabinet, 1 Drawer Over Cupboard	1,372.14	122.63
12 56 53 00-0363	EA	18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets	1,421.75	127.14
12 56 53 00-0364	EA	21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,452.05	129.80
12 56 53 00-0365	EA	24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,493.39	133.49
12 56 53 00-0366	EA	30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,215.27	198.05
12 56 53 00-0367	EA	36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,317.23	207.17
12 56 53 00-0368	EA	42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,383.34	213.06
12 56 53 00-0369	EA	48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,468.80	220.67
12 56 53 00-0370	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet	2,893.19	258.67
12 56 53 00-0371	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet	3,207.15	286.73
12 56 53 00-0372	EA	15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,129.68	101.04
12 56 53 00-0373	EA	18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,165.50	104.16
12 56 53 00-0374	EA	21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,187.54	106.12
12 56 53 00-0375	EA	24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,215.08	108.67
12 56 53 00-0376	EA	30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,556.76	139.15
12 56 53 00-0377	EA	36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,636.65	146.31
12 56 53 00-0378	EA	42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,683.51	150.46
12 56 53 00-0379	EA	48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,733.08	154.97

12 56 53 00-0380 30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0328)*

12 56 53 00-0381	EA	15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,212.34	108.43
		For 36" Height Cabinet, Add	*184.18*	
12 56 53 00-0382	EA	18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,259.19	112.59
		For 36" Height Cabinet, Add	*191.30*	
12 56 53 00-0383	EA	21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,292.25	115.47
		For 36" Height Cabinet, Add	*196.32*	
12 56 53 00-0384	EA	24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,179.28	105.43
		For 36" Height Cabinet, Add	*179.16*	
12 56 53 00-0385	EA	30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,355.63	121.25
		For 36" Height Cabinet, Add	*205.95*	
12 56 53 00-0386	EA	36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,468.60	131.30
		For 36" Height Cabinet, Add	*223.11*	
12 56 53 00-0387	EA	42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,534.72	137.19
		For 36" Height Cabinet, Add	*233.16*	
12 56 53 00-0388	EA	48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,625.65	145.38
		For 36" Height Cabinet, Add	*246.97*	
12 56 53 00-0389	EA	15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,330.84	118.94
		For 36" Height Cabinet, Add	*202.18*	
12 56 53 00-0390	EA	18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,391.44	124.37
		For 36" Height Cabinet, Add	*211.39*	
12 56 53 00-0391	EA	21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,725.23	1,302.81
		For 36" Height Cabinet, Add	*22.14*	
12 56 53 00-0392	EA	24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,496.14	133.73
		For 36" Height Cabinet, Add	*227.30*	
12 56 53 00-0393	EA	30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,956.31	174.95
		For 36" Height Cabinet, Add	*297.20*	
12 56 53 00-0394	EA	36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,107.84	188.46
		For 36" Height Cabinet, Add	*320.23*	
12 56 53 00-0395	EA	42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,204.27	197.01
		For 36" Height Cabinet, Add	*334.88*	
12 56 53 00-0396	EA	48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,319.97	207.40
		For 36" Height Cabinet, Add	*352.46*	
12 56 53 00-0397	EA	15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,490.63	133.26
		For 36" Height Cabinet, Add	*226.46*	
12 56 53 00-0398	EA	18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,548.49	138.45
		For 36" Height Cabinet, Add	*235.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0399	EA	21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,592.56	142.38
		For 36" Height Cabinet, Add	*241.95*	
12 56 53 00-0400	EA	24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,653.19	147.81
		For 36" Height Cabinet, Add	*251.16*	
12 56 53 00-0401	EA	30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,278.65	203.70
		For 36" Height Cabinet, Add	*346.18*	
12 56 53 00-0402	EA	36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,424.70	216.75
		For 36" Height Cabinet, Add	*368.36*	
12 56 53 00-0403	EA	42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,490.78	222.64
		For 36" Height Cabinet, Add	*378.41*	
12 56 53 00-0404	EA	48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,642.34	236.27
		For 36" Height Cabinet, Add	*401.44*	
12 56 53 00-0405	EA	30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,038.99	182.34
		For 36" Height Cabinet, Add	*309.76*	
12 56 53 00-0406	EA	36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,201.26	196.65
		For 36" Height Cabinet, Add	*334.46*	
12 56 53 00-0407	EA	42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,350.17	210.05
		For 36" Height Cabinet, Add	*357.06*	
12 56 53 00-0408	EA	48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,515.51	225.07
		For 36" Height Cabinet, Add	*382.18*	
12 56 53 00-0409	EA	30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,463.52	220.33
		For 36" Height Cabinet, Add	*374.23*	
12 56 53 00-0410	EA	36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,617.75	234.07
		For 36" Height Cabinet, Add	*397.67*	
12 56 53 00-0411	EA	42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,700.19	241.35
		For 36" Height Cabinet, Add	*410.22*	
12 56 53 00-0412	EA	48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,848.96	254.62
		For 36" Height Cabinet, Add	*432.83*	

12 56 53 00-0413 30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0328)*

12 56 53 00-0414	EA	15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,394.20	124.60
		For 36" Height Cabinet, Add	*211.81*	
12 56 53 00-0415	EA	18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,468.60	131.30
		For 36" Height Cabinet, Add	*223.11*	
12 56 53 00-0416	EA	21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,512.62	135.22
		For 36" Height Cabinet, Add	*229.81*	
12 56 53 00-0417	EA	24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,576.04	140.88
		For 36" Height Cabinet, Add	*239.44*	
12 56 53 00-0418	EA	30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,069.31	185.00
		For 36" Height Cabinet, Add	*314.37*	
12 56 53 00-0419	EA	36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,245.61	200.82
		For 36" Height Cabinet, Add	*341.16*	
12 56 53 00-0420	EA	42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,344.80	209.59
		For 36" Height Cabinet, Add	*356.23*	
12 56 53 00-0421	EA	48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,477.00	221.37
		For 36" Height Cabinet, Add	*376.32*	
12 56 53 00-0422	EA	15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,559.50	139.38
		For 36" Height Cabinet, Add	*236.93*	
12 56 53 00-0423	EA	18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,606.38	143.65
		For 36" Height Cabinet, Add	*244.04*	
12 56 53 00-0424	EA	21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,658.69	148.27
		For 36" Height Cabinet, Add	*252.00*	
12 56 53 00-0425	EA	24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,744.11	155.90
		For 36" Height Cabinet, Add	*264.97*	
12 56 53 00-0426	EA	30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,377.88	212.59
		For 36" Height Cabinet, Add	*361.25*	
12 56 53 00-0427	EA	36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,565.24	229.34
		For 36" Height Cabinet, Add	*389.71*	
12 56 53 00-0428	EA	42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,645.06	236.38
		For 36" Height Cabinet, Add	*401.85*	
12 56 53 00-0429	EA	48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,815.95	251.74
		For 36" Height Cabinet, Add	*427.81*	
12 56 53 00-0430	EA	30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,135.44	190.89
		For 36" Height Cabinet, Add	*324.41*	
12 56 53 00-0431	EA	36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,361.06	210.98
		For 36" Height Cabinet, Add	*358.74*	
12 56 53 00-0432	EA	42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,479.68	221.60
		For 36" Height Cabinet, Add	*376.74*	
12 56 53 00-0433	EA	48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,650.74	237.08
		For 36" Height Cabinet, Add	*402.69*	
12 56 53 00-0434	EA	30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,573.79	230.26
		For 36" Height Cabinet, Add	*390.97*	
12 56 53 00-0435	EA	36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,736.24	244.69
		For 36" Height Cabinet, Add	*415.67*	
12 56 53 00-0436	EA	42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,846.24	254.40
		For 36" Height Cabinet, Add	*432.41*	
12 56 53 00-0437	EA	48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	3,000.48	268.25
		For 36" Height Cabinet, Add	*455.85*	

12 56 53 00-0438 Laboratory Furniture Accessories *(12 56 53)*

12 56 53 00-0439 Laboratory Base Cabinet Accessories *(12 56 53 00-0438)*

12 56 53 00-0440 Cantilever Table Frames On Wall Rail System *(12 56 53 00-0439)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0441	EA	29" x 48" Cantilever Table Frame On Wall Rail System Note: Model #CEX80900 as manufactured by Fisher Hamilton or equal.	1,566.13	86.60
12 56 53 00-0442		Base Cabinet Trim *(12 56 53 00-0439)*		
12 56 53 00-0443	LF	4" High Cabinet Toe Board Trim	12.87	
12 56 53 00-0444		Laboratory Pegboards *(12 56 53 00-0438)*		
12 56 53 00-0445		Stainless Steel Laboratory Pegboards *(12 56 53 00-0444)*		
12 56 53 00-0446	EA	24" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020004)	1,675.33	72.17
12 56 53 00-0447	EA	30" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020005)	1,883.34	72.17
12 56 53 00-0448	EA	24" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020006)	2,394.42	72.17
12 56 53 00-0449	EA	30" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020007)	2,602.43	72.17
12 56 53 00-0450	EA	24" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020008)	1,278.33	72.17
12 56 53 00-0451	EA	30" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020009)	1,431.54	72.17
12 56 53 00-0452	EA	24" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020010)	2,000.77	72.17
12 56 53 00-0453	EA	30" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020011)	2,147.27	72.17
12 56 53 00-0454		Black Kemresin Laboratory Pegboards *(12 56 53 00-0444)*		
12 56 53 00-0455	EA	20" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With (32) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020014)	810.86	72.17
12 56 53 00-0456	EA	32" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With (53) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020015)	1,235.83	72.17
12 56 53 00-0457	EA	20" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With Drip Trough And (32) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020016)	958.48	72.17
12 56 53 00-0458	EA	32" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With Drip Trough And (53) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020017)	1,452.78	72.17
12 56 53 00-0459		Television Mounts *(12 56 53 00-0438)*		
12 56 53 00-0460	EA	Tilt Television Wall Mount For 42" To 90" TVs (Sanus BLT2-B1)	310.41	23.05
12 56 70		**Healthcare Furniture** *(12 56)*		
12 56 70 00-0001		Changing Tables *(12 56 70)*		
12 56 70 00-0002		Height Adjustable Changing Tables; Pressalit Care 1000 *(12 56 70 00-0001)*		
12 56 70 00-0003	EA	55" Length Height Adjustable Changing Table (Pressalit Care 1000, Model R8400)	8,525.09	320.36
12 56 70 00-0004	EA	75" Length Height Adjustable Changing Table (Pressalit Care 1000, Model R8401)	8,660.56	320.36
12 56 70 00-0005	EA	55" Length Height Adjustable Changing Table With Safety Rail (Pressalit Care 1000, Model R8402)	9,374.42	320.36
12 56 70 00-0006	EA	75" Length Height Adjustable Changing Table With Safety Rail (Pressalit Care 1000, Model R8403)	9,509.88	320.36
12 56 70 00-0007		Height Adjustable Changing Tables; Pressalit Care 2000 *(12 56 70 00-0001)*		
12 56 70 00-0008	EA	75" Length Height Adjustable Changing Table (Pressalit Care 2000, Model R8468000-93)	9,754.94	320.36
12 56 70 00-0009	EA	75" Length Height Adjustable Changing Table With Safety Rail (Pressalit Care 2000, Model R8468000-93)	11,088.28	320.36
12 56 70 00-0010		Wall Mounted Changing Tables; Pressalit Care 3000 *(12 56 70 00-0001)*		
12 56 70 00-0011	EA	55" Length Fixed Height Changing Table (Pressalit Care 3000, Model R8503021)	5,366.30	213.57
12 56 70 00-0012	EA	75" Length Fixed Height Changing Table (Pressalit Care 3000, Model R8508021)	5,678.33	213.57
12 56 70 00-0013	EA	55" Length Fixed Height Changing Table With Safety Rail (Pressalit Care 3000, Model R8523021)	6,437.84	213.57
12 56 70 00-0014	EA	75" Length Fixed Height Changing Table With Safety Rail (Pressalit Care 3000, Model R8528021)	6,751.39	213.57
12 56 70 00-0015	EA	55" Length Height Adjustable Changing Table (Pressalit Care 3000, Model R8516021)	12,086.76	320.36
12 56 70 00-0016	EA	75" Length Height Adjustable Changing Table (Pressalit Care 3000, Model R8520021)	12,312.03	320.36
12 56 70 00-0017	EA	55" Length Height Adjustable Changing Table With Safety Rail (Pressalit Care 3000, Model R8534021)	13,038.06	320.36
12 56 70 00-0018	EA	75" Length Height Adjustable Changing Table With Safety Rail (Pressalit Care 3000, Model R8539021)	13,261.81	320.36
12 56 70 00-0019		Miscellaneous Free-Standing Furniture *(12 56 70)*		
12 56 70 00-0020	EA	Desk And AV Hub Mobile Digital Workspace (ErgoTron Teachwell 24-220-055)	981.85	13.10
12 56 70 00-0021	EA	Mobile CPU Dolly (Humanscale CPUDLYPLT)	172.97	
12 59		**Systems Furniture** *(12 50)*		
12 59 13		**Panel-Hung Component System Furniture** *(12 59)*		
12 59 13 00-0001		Panel Hung Furniture, Office Systems *(12 59 13)*		
12 59 13 00-0002	EA	Acoustic Panel, 43" High, 24" Wide, NRC .85	601.53	
12 59 13 00-0003	EA	Acoustic Panel, 43" High, 30" Wide, NRC .85	671.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0004	EA	Acoustic Panel, 43" High, 36" Wide, NRC .85	741.70	
12 59 13 00-0005	EA	Acoustic Panel, 43" High, 48" Wide, NRC .85	888.40	
12 59 13 00-0006	EA	Acoustic Panel, 64" High, 30" Wide, NRC .85	798.42	
12 59 13 00-0007	EA	Acoustic Panel, 64" High, 36" Wide, NRC .85	855.12	
12 59 13 00-0008	EA	Acoustic Panel, 64" High, 42" Wide, NRC .85	992.55	
12 59 13 00-0009	EA	Acoustic Panel, 64" High, 48" Wide, NRC .85	1,052.53	
12 59 13 00-0010	EA	Acoustic Panel, 64" High, 60" Wide, NRC .85	1,153.41	
12 59 13 00-0011	EA	Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	278.69	
12 59 13 00-0012	EA	Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	292.32	
12 59 13 00-0013	EA	Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	300.51	
12 59 13 00-0014	EA	Cantilever Bracket, 20" Deep, 24" Deep	93.52	
12 59 13 00-0015	PR	Countertop Bracket, Pair	39.08	
12 59 13 00-0016	EA	Flat Bracket, 20" Deep, 24" Wide	48.26	
12 59 13 00-0017	PR	Worksurface Kit, Pair	39.08	
12 59 13 00-0018	EA	Connector Kit, Ell, 43" High, 90" Deep	168.51	
12 59 13 00-0019	EA	Connector Kit, Ell, 64" High, 90" Deep	98.71	
12 59 13 00-0020	EA	Connector Kit, Straight, 43" High	68.45	
12 59 13 00-0021	EA	Connector Kit, Straight, 64" High	70.81	
12 59 13 00-0022	EA	Support Column For Peninsula, 29-1/2" High	241.87	
12 59 13 00-0023	EA	Countertop, 15" Deep, 36" Wide	317.38	
12 59 13 00-0024	EA	Countertop, 15" Deep, 48" Wide	353.95	
12 59 13 00-0025	EA	Duplex Receptacle Circuit 1	34.57	
12 59 13 00-0026	EA	Duplex Receptacle Circuit 2	34.57	
12 59 13 00-0027	EA	Electric Power Harness, 36" Wide	225.51	
12 59 13 00-0028	EA	Electric Power Harness, 42" Wide	231.25	
12 59 13 00-0029	EA	Electric Power Harness, 60" Wide	236.97	
12 59 13 00-0030	EA	Panel End Cover, 43" High	68.45	
12 59 13 00-0031	EA	Panel End Cover, 64" High	68.45	
12 59 13 00-0032	EA	Finish End Cover, 2-way, Variable Height	103.60	
12 59 13 00-0033	EA	Overhead Cabinet With Door, 42" Wide	651.69	
12 59 13 00-0034	EA	Overhead Cabinet With Door, 60" Wide	989.79	
12 59 13 00-0035	EA	Pedestal Spacer, 22" Deep, 15" Wide	112.08	
12 59 13 00-0036	EA	Pedestal Spacer, 28" Deep, 15" Wide	135.25	
12 59 13 00-0037	EA	Pedestal Box, Box, File, 22" Deep, 26" High	788.07	
12 59 13 00-0038	EA	Pedestal Box, Box, File, 28" Deep, 26" High	821.85	
12 59 13 00-0039	EA	Pedestal File, File, 22" Deep, 26" High	734.63	
12 59 13 00-0040	EA	Pedestal Lateral File, 2 Drawer, 30" Wide	1,036.18	
12 59 13 00-0041	EA	Base In Feed Power Cable	388.70	
12 59 13 00-0042	EA	Task Light, Recessed, 30" - 36" Wide	305.68	
12 59 13 00-0043	EA	Task Light, Recessed, 42" - 48" Wide	330.49	
12 59 13 00-0044	EA	Task Light, Recessed, 60" Wide	357.75	
12 59 13 00-0045	EA	Worksurface, Radius Edge, 24" Deep, 36" Wide	329.11	
12 59 13 00-0046	EA	Worksurface, Radius Edge, 24" Deep, 42" Wide	404.11	
12 59 13 00-0047	EA	Worksurface, Radius Edge, 24" Deep, 48" Wide	430.85	
12 59 13 00-0048	EA	Worksurface, Radius Edge, 24" Deep, 60" Wide	541.03	
12 59 13 00-0049	EA	Worksurface, Radius Edge, 24" Deep, 72" Wide	611.34	
12 59 13 00-0050	EA	Worksurface, Radius Edge, 30" Deep, 42" Wide	518.08	
12 59 13 00-0051	EA	Worksurface, Radius Edge, 30" Deep, 60" Wide	604.81	
12 59 13 00-0052	EA	Worksurface, Radius Edge, 30" Deep, 72" Wide	688.25	
12 59 13 00-0053	EA	Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	791.86	
12 59 13 00-0054	EA	Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	899.78	
12 59 13 00-0055	EA	Worksurface, Peninsula, 36" Wide, 66" Long	1,036.18	

12 59 13 00-0056 Open Office Systems Furniture Components *(12 59 13)*

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	317.93	28.82
		For Tackable Acoustical Barrier Panel, Add	*56.57*	
		For Acoustical Panel, Add	*61.49*	
		For Enameled Surface, Deduct	*-24.60*	
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	353.36	32.06
		For Tackable Acoustical Barrier Panel, Add	*62.87*	
		For Acoustical Panel, Add	*68.34*	
		For Enameled Surface, Deduct	*-27.34*	
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	377.83	34.15
		For Tackable Acoustical Barrier Panel, Add	*67.22*	
		For Acoustical Panel, Add	*73.07*	
		For Enameled Surface, Deduct	*-29.23*	
12 59 13 00-0060	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	423.36	38.35
		For Tackable Acoustical Barrier Panel, Add	*75.33*	
		For Acoustical Panel, Add	*81.88*	
		For Enameled Surface, Deduct	*-32.75*	
12 59 13 00-0061	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	322.99	29.23
		For Tackable Acoustical Barrier Panel, Add	*57.47*	
		For Acoustical Panel, Add	*62.47*	
		For Enameled Surface, Deduct	*-24.99*	
12 59 13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	365.14	33.01
		For Tackable Acoustical Barrier Panel, Add	*64.97*	
		For Acoustical Panel, Add	*70.62*	
		For Enameled Surface, Deduct	*-28.25*	
12 59 13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	409.01	37.10
		For Tackable Acoustical Barrier Panel, Add	*72.77*	
		For Acoustical Panel, Add	*79.10*	
		For Enameled Surface, Deduct	*-31.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	480.71	43.49
		For Tackable Acoustical Barrier Panel, Add	*85.53*	
		For Acoustical Panel, Add	*92.97*	
		For Enameled Surface, Deduct	*-37.19*	
12 59 13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	311.19	28.19
		For Tackable Acoustical Barrier Panel, Add	*55.37*	
		For Acoustical Panel, Add	*60.18*	
		For Enameled Surface, Deduct	*-24.07*	
12 59 13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	382.88	34.69
		For Tackable Acoustical Barrier Panel, Add	*68.13*	
		For Acoustical Panel, Add	*74.05*	
		For Enameled Surface, Deduct	*-29.62*	
12 59 13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	479.04	43.38
		For Tackable Acoustical Barrier Panel, Add	*85.23*	
		For Acoustical Panel, Add	*92.64*	
		For Enameled Surface, Deduct	*-37.06*	
12 59 13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	573.44	51.86
		For Tackable Acoustical Barrier Panel, Add	*102.04*	
		For Acoustical Panel, Add	*110.91*	
		For Enameled Surface, Deduct	*-44.36*	
12 59 13 00-0069	EA	34" Draw Rod Panel Connector Hardware	17.36	1.57
12 59 13 00-0070	EA	42" Draw Rod Panel Connector Hardware	17.36	1.57
12 59 13 00-0071	EA	62" Draw Rod Panel Connector Hardware	18.52	1.68
12 59 13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware	79.87	7.23
12 59 13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware	92.60	8.38
12 59 13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware	106.49	9.64
12 59 13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware	123.87	11.21
12 59 13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware	143.54	12.99
12 59 13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware	166.69	15.09
12 59 13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware	156.27	14.14
12 59 13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware	182.90	16.55
12 59 13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware	219.93	19.91
12 59 13 00-0081	EA	34" Panel End Cap Hardware	26.63	2.41
12 59 13 00-0082	EA	42" Panel End Cap Hardware	30.09	2.72
12 59 13 00-0083	EA	62" Panel End Cap Hardware	32.41	2.93
12 59 13 00-0084	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	29.37	2.72
12 59 13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway	15.12	1.37
12 59 13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway	15.94	1.47
12 59 13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway	18.46	1.68
12 59 13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway	15.12	1.37
12 59 13 00-0089	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	31.05	2.83
12 59 13 00-0090	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.26	3.14
12 59 13 00-0091	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	36.08	3.24
12 59 13 00-0092	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	40.28	3.67
12 59 13 00-0093	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	45.31	4.09
12 59 13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	243.72	22.01
12 59 13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	300.23	27.14
12 59 13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	283.37	25.68
12 59 13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	354.23	32.06
12 59 13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	357.57	32.38
12 59 13 00-0099	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	450.36	40.86
12 59 13 00-0100	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	434.31	39.30
12 59 13 00-0101	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	545.61	49.35
12 59 13 00-0102	EA	30" x 60" Radiused Edge Table	969.24	87.81
12 59 13 00-0103	EA	30" x 72" Radiused Edge Table	1,059.19	95.98
12 59 13 00-0104	EA	14" x 24" Radiused Edge Transaction Surface	116.38	10.59
12 59 13 00-0105	EA	14" x 36" Radiused Edge Transaction Surface	132.40	11.94
12 59 13 00-0106	EA	14" x 48" Radiused Edge Transaction Surface	148.43	13.41
12 59 13 00-0107	EA	14" x 60" Radiused Edge Transaction Surface	184.68	16.77
12 59 13 00-0108	EA	14" x 72" Radiused Edge Transaction Surface	221.79	20.12
12 59 13 00-0109	EA	14" Right Angle Corner Transaction Surface	387.96	35.10
12 59 13 00-0110	EA	Transaction Surface Support	30.73	2.77
12 59 13 00-0111	EA	Plastic Pencil Drawer	33.55	2.72
12 59 13 00-0112	EA	15-1/2" x 24" Hanging Shelf	113.31	10.27
12 59 13 00-0113	EA	15-1/2" x 36" Hanging Shelf	123.36	11.11
12 59 13 00-0114	EA	15-1/2" x 48" Hanging Shelf	131.76	11.94
12 59 13 00-0115	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	195.53	17.71
12 59 13 00-0116	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	228.26	20.74
12 59 13 00-0117	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	261.84	23.68
12 59 13 00-0118	EA	24" Suspended Lateral File, Lockable	674.19	60.72
12 59 13 00-0119	EA	30" Suspended Lateral File, Lockable	712.08	64.14
12 59 13 00-0120	EA	36" Suspended Lateral File, Lockable	751.35	67.66
12 59 13 00-0121	EA	48" Suspended Lateral File, Lockable	821.75	74.01
12 59 13 00-0122	EA	Fully Adjustable Vinyl Keyboard Tray	305.50	27.66
12 59 13 00-0123	EA	Palm Rest For Vinyl Keyboard Tray	47.83	4.40
12 59 13 00-0124	EA	24" x 36" Radiused Edge Corner Work Surface	385.95	35.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0125	EA	File Drawer Organizer	124.23	11.21
12 59 13 00-0126	EA	Suspended Lateral File Converter Bracket	26.86	2.41
12 59 13 00-0127	EA	Utility Task Light	134.28	12.15

12 59 13 00-0128 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0129	EA	Disassemble And Store 34H 24W Fabric Covered Panel	36.00	
12 59 13 00-0130	EA	Disassemble And Store 34H 30W Fabric Covered Panel	40.02	
12 59 13 00-0131	EA	Disassemble And Store 34H 36W Fabric Covered Panel	42.79	
12 59 13 00-0132	EA	Disassemble And Store 34H 48W Fabric Covered Panel	47.95	
12 59 13 00-0133	EA	Disassemble And Store 42H 24W Fabric Covered Panel	36.57	
12 59 13 00-0134	EA	Disassemble And Store 42H 30W Fabric Covered Panel	41.36	
12 59 13 00-0135	EA	Disassemble And Store 42H 36W Fabric Covered Panel	46.33	
12 59 13 00-0136	EA	Disassemble And Store 42H 48W Fabric Covered Panel	54.45	
12 59 13 00-0137	EA	Disassemble And Store 62H 12W Fabric Covered Panel	35.24	
12 59 13 00-0138	EA	Disassemble And Store 62H 24W Fabric Covered Panel	43.37	
12 59 13 00-0139	EA	Disassemble And Store 62H 36W Fabric Covered Panel	54.25	
12 59 13 00-0140	EA	Disassemble And Store 62H 48W Fabric Covered Panel	64.95	
12 59 13 00-0141	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.97	
12 59 13 00-0142	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.97	
12 59 13 00-0143	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0144	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	9.05	
12 59 13 00-0145	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	10.49	
12 59 13 00-0146	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	12.06	
12 59 13 00-0147	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	14.02	
12 59 13 00-0148	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	16.25	
12 59 13 00-0149	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	18.87	
12 59 13 00-0150	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	17.70	
12 59 13 00-0151	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	20.71	
12 59 13 00-0152	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	24.91	
12 59 13 00-0153	EA	Disassemble And Store 34" Panel End Cap Hardware	3.01	
12 59 13 00-0154	EA	Disassemble And Store 42" Panel End Cap Hardware	3.41	
12 59 13 00-0155	EA	Disassemble And Store 62" Panel End Cap Hardware	3.67	
12 59 13 00-0156	EA	Disassemble And Store Variable Height Panel End Filler	3.33	
12 59 13 00-0157	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.71	
12 59 13 00-0158	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.81	
12 59 13 00-0159	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	2.09	
12 59 13 00-0160	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.71	
12 59 13 00-0161	EA	Disassemble And Store 12" Cable Management Raceway Assembly	3.52	
12 59 13 00-0162	EA	Disassemble And Store 24" Cable Management Raceway Assembly	4.00	
12 59 13 00-0163	EA	Disassemble And Store 30" Cable Management Raceway Assembly	4.09	
12 59 13 00-0164	EA	Disassemble And Store 36" Cable Management Raceway Assembly	4.56	
12 59 13 00-0165	EA	Disassemble And Store 48" Cable Management Raceway Assembly	5.13	
12 59 13 00-0166	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	27.60	
12 59 13 00-0167	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	34.00	
12 59 13 00-0168	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	32.09	
12 59 13 00-0169	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	40.12	
12 59 13 00-0170	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	40.50	
12 59 13 00-0171	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	51.00	
12 59 13 00-0172	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	49.19	
12 59 13 00-0173	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	61.80	
12 59 13 00-0174	EA	Disassemble And Store 30" x 60" Radiused Edge Table	95.43	
12 59 13 00-0175	EA	Disassemble And Store 30" x 72" Radiused Edge Table	119.93	
12 59 13 00-0176	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	13.18	
12 59 13 00-0177	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	15.00	
12 59 13 00-0178	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	16.82	
12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	20.91	
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	25.12	
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	43.94	
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support	3.47	
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer	3.43	
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	12.84	
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	13.97	
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	14.93	
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf	22.14	
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf	25.86	
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf	29.65	
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File	75.90	
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File	80.16	
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File	84.58	
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File	92.52	
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	34.60	
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	43.72	
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light	15.21	

12 59 13 00-0197 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	38.39	
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel	42.67	
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel	45.63	
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel	51.12	
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel	39.00	
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel	44.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel	49.39	
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel	58.04	
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel	37.58	
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel	46.23	
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel	57.84	
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel	69.24	
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	2.10	
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	2.24	
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	9.64	
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	11.18	
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	12.86	
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	14.96	
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	17.33	
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	20.13	
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	18.87	
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	22.09	
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	26.56	
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware	3.21	
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware	3.64	
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware	3.92	
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler	3.55	
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.83	
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.93	
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	2.23	
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.83	
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly	3.75	
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly	4.26	
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly	4.36	
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly	4.86	
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly	5.47	
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	29.43	
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	36.25	
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	34.21	
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	42.77	
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	43.17	
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	54.38	
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	52.45	
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	65.89	
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table	117.05	
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table	127.91	
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	14.05	
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	15.98	
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	17.92	
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	22.30	
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	26.78	
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface	46.84	
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support	3.70	
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	13.68	
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	14.90	
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	15.91	
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf	23.61	
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf	27.56	
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf	31.62	
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File	80.96	
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File	85.50	
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File	90.23	
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File	98.68	
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	46.60	

12 59 16 Free-Standing Component System Furniture *(12 59)*

12 59 16 00-0001 Furniture, Office Systems *(12 59 16)*

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	837.08	
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	1,054.85	
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	1,186.16	
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	1,268.80	
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	1,111.80	
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	935.60	
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	1,068.90	
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	1,129.22	
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	617.93	
12 59 16 00-0011	EA	End Support Leg	429.17	
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	190.33	
12 59 16 00-0013	EA	Modesty Panel, Return	207.23	
12 59 16 00-0014	EA	Pencil/Utility Drawer	332.68	
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	554.11	
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	772.62	
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	1,169.78	
12 59 16 00-0018	EA	Printer Stand, Universal	1,558.12	
12 59 16 00-0019	EA	Paper Basket	138.53	
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	1,826.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	2,184.35	
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	1,224.89	
12 59 16 00-0023	EA	Return Table, 24" x 48"	918.00	
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	1,036.18	
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	639.13	
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	604.81	
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	844.54	
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	885.23	
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	940.75	
12 59 16 00-0030	EA	Peninsula, 30" x 60"	1,324.97	
12 59 16 00-0031	EA	Connector Plate	34.59	

12 59 16 00-0032 Steelcase Systems Furniture *(12 59 16)*

12 59 16 00-0033	EA	Standard Workstation, Type 1, Components Only (Steelcase TYP 1 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	8,285.27	
12 59 16 00-0034	EA	Standard Workstation, Type 2, Components Only (Steelcase TYP 2 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	6,988.78	
12 59 16 00-0035	EA	Standard Workstation, Type 3, Components Only (Steelcase TYP 3 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	6,549.97	
12 59 16 00-0036	EA	Standard Workstation, Type 4, Components Only (Steelcase TYP 4 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	5,156.86	
12 59 16 00-0037	EA	Private Office, Type 1, Components Only (Steelcase PO-1 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	28,762.48	
12 59 16 00-0038	EA	Private Office, Type 2, Components Only (Steelcase PO-2 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	20,772.38	
12 59 16 00-0039	EA	Fabric/Steel Panel, 24" (Steelcase PFS-24) Note: Task to be used in conjunction with standard workstation types.	554.80	
12 59 16 00-0040	EA	Fabric/Steel Panel, 30" (Steelcase PFS-30) Note: Task to be used in conjunction with standard workstation types.	594.48	
12 59 16 00-0041	EA	Fabric/Steel Panel, 36" (Steelcase PFS-36) Note: Task to be used in conjunction with standard workstation types.	630.82	
12 59 16 00-0042	EA	Fabric/Steel Panel, 42" (Steelcase PFS-42) Note: Task to be used in conjunction with standard workstation types.	673.15	
12 59 16 00-0043	EA	Fabric/Steel Panel, 48" (Steelcase PFS-48) Note: Task to be used in conjunction with standard workstation types.	714.79	
12 59 16 00-0044	EA	Fabric/Steel Panel, 60" (Steelcase PFS-60) Note: Task to be used in conjunction with standard workstation types.	824.58	
12 59 16 00-0045	EA	Fabric/Steel Panel, 72" (Steelcase PFS-72) Note: Task to be used in conjunction with standard workstation types.	938.30	
12 59 16 00-0046	EA	Fabric/Fabric Panel, 24" (Steelcase PFF-24) Note: Task to be used in conjunction with standard workstation types.	546.86	
12 59 16 00-0047	EA	Fabric/Fabric Panel, 30" (Steelcase PFF-30) Note: Task to be used in conjunction with standard workstation types.	584.54	
12 59 16 00-0048	EA	Fabric/Fabric Panel, 36" (Steelcase PFF-36) Note: Task to be used in conjunction with standard workstation types.	620.90	
12 59 16 00-0049	EA	Fabric/Fabric Panel, 42" (Steelcase PFF-42) Note: Task to be used in conjunction with standard workstation types.	663.89	
12 59 16 00-0050	EA	Fabric/Fabric Panel, 48" (Steelcase PFF-48) Note: Task to be used in conjunction with standard workstation types.	706.18	
12 59 16 00-0051	EA	Fabric/Fabric Panel, 60" (Steelcase PFF-60) Note: Task to be used in conjunction with standard workstation types.	814.66	
12 59 16 00-0052	EA	Fabric/Fabric Panel, 72" (Steelcase PFF-72) Note: Task to be used in conjunction with standard workstation types.	930.36	
12 59 16 00-0053	EA	Touchdown Host Desk (Steelcase TD)	2,509.21	
12 59 16 00-0054	EA	Power Kit, 24" - 48" (Steelcase PK-24, 30, 36, 42 or 48) Note: Task to be used in conjunction with standard workstation types.	119.03	
12 59 16 00-0055	EA	Power Kit, 60" - 72" (Steelcase PK-60 or 72) Note: Task to be used in conjunction with standard workstation types.	180.52	
12 59 16 00-0056	EA	Receptacle (Steelcase RECPT) Note: Task to be used in conjunction with standard workstation types.	23.81	
12 59 16 00-0057	EA	Base Power, 6' (Steelcase BPI-6) Note: Task to be used in conjunction with standard workstation types.	149.45	
12 59 16 00-0058	EA	Base Power, 12' (Steelcase BPI-12) Note: Task to be used in conjunction with standard workstation types.	160.01	
12 59 16 00-0059	EA	End Trim, 54" (Steelcase E54) Note: Task to be used in conjunction with standard workstation types.	171.26	
12 59 16 00-0060	EA	In Line Trim, 54" (Steelcase I54) Note: Task to be used in conjunction with standard workstation types.	117.70	
12 59 16 00-0061	EA	L Junction, 54" (Steelcase L54) Note: Task to be used in conjunction with standard workstation types.	294.89	
12 59 16 00-0062	EA	T Junction (Steelcase T54) Note: Task to be used in conjunction with standard workstation types.	294.96	
12 59 16 00-0063	EA	X Junction (Steelcase X54) Note: Task to be used in conjunction with standard workstation types.	280.37	
12 59 16 00-0064	EA	Junction Cap Aligner (Steelcase JC) Note: Task to be used in conjunction with standard workstation types.	46.29	
12 59 16 00-0065	EA	Junction Block, 90 Degree Corner (3) (Steelcase J90) Note: Task to be used in conjunction with standard workstation types.	19.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0066	EA	Light Seal, 54" (Steelcase LS54) Note: Task to be used in conjunction with standard workstation types.	13.22	
12 59 16 00-0067	EA	Think Chair, Arms and Casters - Task Chair (Steelcase 46543100)	973.22	
12 59 16 00-0068	EA	Think Chair, No Arms, Casters - Conference Chair (Steelcase 46543000)	800.22	
12 59 16 00-0069	EA	Move Chair, No Arms, No Casters (Glides) (Steelcase 490410P)	187.46	
12 59 16 00-0070	EA	Move Chair, Arms, No Casters (Steelcase 490410CP)	227.94	
12 59 16 00-0071	EA	Move Chair, No Arms, Casters (Steelcase 490410C)	322.14	
12 59 16 00-0072	EA	Training Table, 60" x 20" (Akira AK6020RTC)	1,098.27	
12 59 16 00-0073	EA	Conference Table, 30" x 59.75" (Steelcase BFS3060)	631.49	
12 59 16 00-0074	EA	Conference Table, 30" x 47.75" (Steelcase BFS3048)	595.79	
12 59 16 00-0075	EA	Round Conference Table, 36" Diameter With Base (Steelcase BFR36)	454.93	
12 59 16 00-0076	EA	Round Conference Table, 42" Diameter With Base (Steelcase BFR42)	538.25	
12 59 16 00-0077	EA	Round Conference Table, 48" Diameter With Base (Steelcase BFR48)	565.37	
12 59 16 00-0078	EA	Rectangle Conference Table, 36" x 72" (Steelcase BFRR3672)	773.67	
12 59 16 00-0079	EA	Rectangle Conference Table, 42" x 84" (Steelcase BFRR4284)	1,057.95	
12 59 16 00-0080	EA	Task Light (Steelcase DSLEDF)	282.58	
12 59 16 00-0081	EA	Markerboard, 48" x 48" (Claridge S14x4LCS)	437.95	
12 59 16 00-0082	EA	Lateral File, 3 Drawer - 36" W (Steelcase RLF18363P)	1,035.95	
12 59 16 00-0083	EA	Tower, Open Side Shelf (Steelcase TS2TWS54RC)	1,490.75	
12 59 16 00-0084	EA	Tower, Closed Side (Steelcase TS2TW66LC)	1,310.97	
12 59 16 00-0085	EA	Pedestal File - Mobile (Steelcase RPM2421CP)	839.78	
12 59 16 00-0086	EA	Wardrobe, Fixed Shelf, Coat Rod (Steelcase RWC24306DP)	1,084.03	

12 59 16 00-0087 Herman Miller Systems Furniture *(12 59 16)*

12 59 16 00-0088 Herman Miller Action Office Series 2 Systems Furniture *(12 59 16 00-0087)*

12 59 16 00-0089	EA	32H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	415.11	28.82
		For Owner Furnished Material, Deduct	*-343.13*	
		For Category 2 Fabric Both Sides, Add	*10.96*	
		For Non-powered Panel, Deduct	*-109.58*	
12 59 16 00-0090	EA	32H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	440.60	30.18
		For Owner Furnished Material, Deduct	*-365.05*	
		For Category 2 Fabric Both Sides, Add	*10.96*	
		For Non-powered Panel, Deduct	*-109.58*	
12 59 16 00-0091	EA	32H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	476.56	31.75
		For Owner Furnished Material, Deduct	*-397.24*	
		For Category 2 Fabric Both Sides, Add	*10.96*	
		For Non-powered Panel, Deduct	*-109.58*	
12 59 16 00-0092	EA	32H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	512.06	33.32
		For Owner Furnished Material, Deduct	*-428.75*	
		For Category 2 Fabric Both Sides, Add	*10.96*	
		For Non-powered Panel, Deduct	*-109.58*	
12 59 16 00-0093	EA	39H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	427.59	30.18
		For Owner Furnished Material, Deduct	*-352.04*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0094	EA	39H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	454.65	31.75
		For Owner Furnished Material, Deduct	*-375.33*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0095	EA	39H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	491.51	33.32
		For Owner Furnished Material, Deduct	*-408.20*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0096	EA	39H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	529.25	35.00
		For Owner Furnished Material, Deduct	*-441.76*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0097	EA	47H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	445.74	31.75
		For Owner Furnished Material, Deduct	*-366.42*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0098	EA	47H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	479.87	33.32
		For Owner Furnished Material, Deduct	*-396.56*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0099	EA	47H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	525.83	35.00
		For Owner Furnished Material, Deduct	*-438.34*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0100	EA	47H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	576.11	36.78
		For Owner Furnished Material, Deduct	*-484.22*	
		For Category 2 Fabric Both Sides, Add	*15.07*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0101	EA	62H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	435.66	28.82
		For Owner Furnished Material, Deduct	*-363.68*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0102	EA	62H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	491.51	33.32
		For Owner Furnished Material, Deduct	*-408.20*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0103	EA	62H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	593.24	36.78
		For Owner Furnished Material, Deduct	*-501.35*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0104	EA	62H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	651.95	38.56
		For Owner Furnished Material, Deduct	*-555.45*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0105	EA	67H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	445.40	30.18
		For Owner Furnished Material, Deduct	*-369.85*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0106	EA	67H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	501.85	35.00
		For Owner Furnished Material, Deduct	*-414.36*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0107	EA	67H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	601.96	38.56
		For Owner Furnished Material, Deduct	*-505.46*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0108	EA	67H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	660.89	40.55
		For Owner Furnished Material, Deduct	*-559.56*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0109	EA	85H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	486.15	31.75
		For Owner Furnished Material, Deduct	*-406.83*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0110	EA	85H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	562.42	36.78
		For Owner Furnished Material, Deduct	*-470.53*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0111	EA	85H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	673.91	40.55
		For Owner Furnished Material, Deduct	*-572.58*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0112	EA	85H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	738.51	42.54
		For Owner Furnished Material, Deduct	*-632.16*	
		For Category 2 Fabric Both Sides, Add	*17.81*	
		For Non-powered Panel, Deduct	*-109.58*	
		For Tackable Acoustical-Barrier Panel, Add	*68.83*	
12 59 16 00-0113	EA	32" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	82.19	7.12
		For Owner Furnished Material, Deduct	*-64.38*	
12 59 16 00-0114	EA	39" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	85.83	7.86
		For Owner Furnished Material, Deduct	*-66.44*	
12 59 16 00-0115	EA	47" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	94.92	8.38
		For Owner Furnished Material, Deduct	*-73.97*	
12 59 16 00-0116	EA	62" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	107.66	9.64
		For Owner Furnished Material, Deduct	*-83.56*	
12 59 16 00-0117	EA	67" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	110.61	10.27
		For Owner Furnished Material, Deduct	*-84.93*	
12 59 16 00-0118	EA	85" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	123.81	10.90
		For Owner Furnished Material, Deduct	*-96.57*	
12 59 16 00-0119	EA	32" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	144.48	11.21
		For Owner Furnished Material, Deduct	*-116.43*	
12 59 16 00-0120	EA	39" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	151.52	12.15
		For Owner Furnished Material, Deduct	*-121.23*	
12 59 16 00-0121	EA	47" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	161.94	12.99
		For Owner Furnished Material, Deduct	*-129.45*	
12 59 16 00-0122	EA	62" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	187.03	15.09
		For Owner Furnished Material, Deduct	*-149.31*	
12 59 16 00-0123	EA	67" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	191.65	16.34
		For Owner Furnished Material, Deduct	*-150.68*	
12 59 16 00-0124	EA	85" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	216.75	18.44
		For Owner Furnished Material, Deduct	*-170.54*	
12 59 16 00-0125	EA	32" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	181.30	14.14
		For Owner Furnished Material, Deduct	*-145.88*	
12 59 16 00-0126	EA	39" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	189.81	15.40
		For Owner Furnished Material, Deduct	*-151.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0127	EA	47" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	203.71	16.55
		For Owner Furnished Material, Deduct	*-162.32*	
12 59 16 00-0128	EA	62" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	242.91	19.91
		For Owner Furnished Material, Deduct	*-193.14*	
12 59 16 00-0129	EA	67" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	247.32	21.17
		For Owner Furnished Material, Deduct	*-194.51*	
12 59 16 00-0130	EA	85" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	278.31	24.52
		For Owner Furnished Material, Deduct	*-217.11*	
12 59 16 00-0131	EA	32" Finished End, Hard Surface, Herman Miller AO Series 2	34.16	2.41
		For Owner Furnished Material, Deduct	*-28.08*	
12 59 16 00-0132	EA	39" Finished End, Hard Surface, Herman Miller AO Series 2	35.95	2.62
		For Owner Furnished Material, Deduct	*-29.45*	
12 59 16 00-0133	EA	47" Finished End, Hard Surface, Herman Miller AO Series 2	38.32	2.72
		For Owner Furnished Material, Deduct	*-31.51*	
12 59 16 00-0134	EA	62" Finished End, Hard Surface, Herman Miller AO Series 2	40.22	2.93
		For Owner Furnished Material, Deduct	*-32.88*	
12 59 16 00-0135	EA	67" Finished End, Hard Surface, Herman Miller AO Series 2	40.63	3.14
		For Owner Furnished Material, Deduct	*-32.88*	
12 59 16 00-0136	EA	85" Finished End, Hard Surface, Herman Miller AO Series 2	43.89	3.36
		For Owner Furnished Material, Deduct	*-35.61*	
12 59 16 00-0137	EA	Change Of Height Draw Rod, Herman Miller AO Series 2	20.35	2.72
		For Owner Furnished Material, Deduct	*-13.70*	
12 59 16 00-0138	EA	Cable/Energy Barrier (Connector), Herman Miller AO Series 2	47.95	1.37
		For Owner Furnished Material, Deduct	*-44.52*	

12 59 16 00-0139 Accessories For Herman Miller Action Office Series Systems Furniture *(12 59 16 00-0087)*

12 59 16 00-0140	EA	27" Draw Rod, Herman Miller Action Office	15.90	1.43
		For Owner Furnished Material, Deduct	*-12.33*	
12 59 16 00-0141	EA	34" Draw Rod, Herman Miller Action Office	16.79	1.51
		For Owner Furnished Material, Deduct	*-13.01*	
12 59 16 00-0142	EA	42" Draw Rod, Herman Miller Action Office	16.99	1.60
		For Owner Furnished Material, Deduct	*-13.01*	
12 59 16 00-0143	EA	48" Draw Rod, Herman Miller Action Office	17.89	1.68
		For Owner Furnished Material, Deduct	*-13.70*	
12 59 16 00-0144	EA	57" Draw Rod, Herman Miller Action Office	18.10	1.76
		For Owner Furnished Material, Deduct	*-13.70*	
12 59 16 00-0145	EA	62" Draw Rod, Herman Miller Action Office	18.31	1.85
		For Owner Furnished Material, Deduct	*-13.70*	
12 59 16 00-0146	EA	80" Draw Rod, Herman Miller Action Office	19.89	1.93
		For Owner Furnished Material, Deduct	*-15.07*	
12 59 16 00-0147	EA	24" x 36" Hanging Work Surface, Laminate, Herman Miller Action Office	199.01	22.01
		For Owner Furnished Material, Deduct	*-143.83*	
12 59 16 00-0148	EA	24" x 48" Hanging Work Surface, Laminate, Herman Miller Action Office	267.58	25.68
		For Owner Furnished Material, Deduct	*-203.42*	
12 59 16 00-0149	EA	24" x 60" Hanging Work Surface, Laminate, Herman Miller Action Office	341.90	32.38
		For Owner Furnished Material, Deduct	*-260.95*	
12 59 16 00-0150	EA	24" x 72" Hanging Work Surface, Laminate, Herman Miller Action Office	418.18	39.30
		For Owner Furnished Material, Deduct	*-319.85*	
12 59 16 00-0151	EA	30" x 36" Hanging Work Surface, Laminate, Herman Miller Action Office	285.08	27.14
		For Owner Furnished Material, Deduct	*-217.11*	
12 59 16 00-0152	EA	30" x 48" Hanging Work Surface, Laminate, Herman Miller Action Office	338.42	32.06
		For Owner Furnished Material, Deduct	*-258.21*	
12 59 16 00-0153	EA	30" x 60" Hanging Work Surface, Laminate, Herman Miller Action Office	434.15	40.86
		For Owner Furnished Material, Deduct	*-332.18*	
12 59 16 00-0154	EA	30" x 72" Hanging Work Surface, Laminate, Herman Miller Action Office	529.66	49.35
		For Owner Furnished Material, Deduct	*-406.15*	
12 59 16 00-0155	EA	24" x 36" Corner Work Surface, Laminate, Herman Miller Action Office	368.86	35.00
		For Owner Furnished Material, Deduct	*-281.49*	
12 59 16 00-0156	EA	30" x 60" Round End Peninsula, Laminate, Herman Miller Action Office	675.70	76.28
		For Owner Furnished Material, Deduct	*-484.91*	
12 59 16 00-0157	EA	30" x 72" Round End Peninsula, Laminate, Herman Miller Action Office	724.13	83.31
		For Owner Furnished Material, Deduct	*-515.73*	
12 59 16 00-0158	EA	14" x 24" Transaction Surface, Laminate, Herman Miller Action Office	109.22	10.59
		For Owner Furnished Material, Deduct	*-82.87*	
12 59 16 00-0159	EA	14" x 36" Transaction Surface, Laminate, Herman Miller Action Office	125.87	11.94
		For Owner Furnished Material, Deduct	*-95.89*	
12 59 16 00-0160	EA	14" x 48" Transaction Surface, Laminate, Herman Miller Action Office	141.81	13.41
		For Owner Furnished Material, Deduct	*-108.21*	
12 59 16 00-0161	EA	14" x 60" Transaction Surface, Laminate, Herman Miller Action Office	177.42	16.77
		For Owner Furnished Material, Deduct	*-135.61*	
12 59 16 00-0162	EA	14" x 72" Transaction Surface, Laminate, Herman Miller Action Office	213.91	20.12
		For Owner Furnished Material, Deduct	*-163.69*	
12 59 16 00-0163	EA	Right Angle Corner Transaction Surface, Laminate, Herman Miller Action Office	204.28	35.10
		For Owner Furnished Material, Deduct	*-116.43*	
12 59 16 00-0164	EA	Pencil Drawer, Herman Miller Action Office	33.55	2.72
		For Owner Furnished Material, Deduct	*-26.71*	
12 59 16 00-0165	EA	12" x 24" Shelf, Herman Miller Action Office	121.55	10.27
		For Owner Furnished Material, Deduct	*-95.89*	
12 59 16 00-0166	EA	12" x 36" Shelf, Herman Miller Action Office	133.40	11.11
		For Owner Furnished Material, Deduct	*-105.47*	
12 59 16 00-0167	EA	12" x 48" Shelf, Herman Miller Action Office	142.84	11.94
		For Owner Furnished Material, Deduct	*-113.01*	
12 59 16 00-0168	EA	12" x 24" Flipper Door, Herman Miller Action Office	197.00	17.71
		For Owner Furnished Material, Deduct	*-152.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0169	EA	12" x 36" Flipper Door, Herman Miller Action Office	232.48	20.74
		For Owner Furnished Material, Deduct	*-180.81*	
12 59 16 00-0170	EA	12" x 48" Flipper Door, Herman Miller Action Office	269.54	23.68
		For Owner Furnished Material, Deduct	*-210.26*	
12 59 16 00-0171	EA	24" Task Light, Herman Miller Action Office	205.73	12.15
		For Owner Furnished Material, Deduct	*-175.33*	
12 59 16 00-0172	EA	36" Task Light, Herman Miller Action Office	217.38	12.15
		For Owner Furnished Material, Deduct	*-186.98*	
12 59 16 00-0173	EA	48" Task Light, Herman Miller Action Office	229.71	12.15
		For Owner Furnished Material, Deduct	*-199.31*	

12 59 16 00-0174 Disassemble And Store *(12 59 16 00-0087)*

12 59 16 00-0175	EA	Disassemble And Store 32H 24W Panel	36.04
12 59 16 00-0176	EA	Disassemble And Store 32H 30W Panel	37.83
12 59 16 00-0177	EA	Disassemble And Store 32H 36W Panel	39.71
12 59 16 00-0178	EA	Disassemble And Store 32H 48W Panel	41.71
12 59 16 00-0179	EA	Disassemble And Store 39H 24W Panel	37.83
12 59 16 00-0180	EA	Disassemble And Store 39H 30W Panel	39.71
12 59 16 00-0181	EA	Disassemble And Store 39H 36W Panel	41.71
12 59 16 00-0182	EA	Disassemble And Store 39H 48W Panel	43.80
12 59 16 00-0183	EA	Disassemble And Store 47H 24W Panel	39.71
12 59 16 00-0184	EA	Disassemble And Store 47H 30W Panel	41.71
12 59 16 00-0185	EA	Disassemble And Store 47H 36W Panel	43.80
12 59 16 00-0186	EA	Disassemble And Store 47H 48W Panel	46.00
12 59 16 00-0187	EA	Disassemble And Store 62H 12W Panel	36.04
12 59 16 00-0188	EA	Disassemble And Store 62H 24W Panel	41.71
12 59 16 00-0189	EA	Disassemble And Store 62H 36W Panel	46.00
12 59 16 00-0190	EA	Disassemble And Store 62H 48W Panel	48.31
12 59 16 00-0191	EA	Disassemble And Store 67H 12W Panel	37.83
12 59 16 00-0192	EA	Disassemble And Store 67H 24W Panel	43.80
12 59 16 00-0193	EA	Disassemble And Store 67H 36W Panel	48.31
12 59 16 00-0194	EA	Disassemble And Store 67H 48W Panel	50.72
12 59 16 00-0195	EA	Disassemble And Store 67H 12W Panel	39.71
12 59 16 00-0196	EA	Disassemble And Store 85H 24W Panel	46.00
12 59 16 00-0197	EA	Disassemble And Store 85H 36W Panel	50.72
12 59 16 00-0198	EA	Disassemble And Store 85H 48W Panel	53.23
12 59 16 00-0199	EA	Disassemble And Store 32" Two-Way 90 Connector	8.91
12 59 16 00-0200	EA	Disassemble And Store 39" Two-Way 90 Connector	9.74
12 59 16 00-0201	EA	Disassemble And Store 47" Two-Way 90 Connector	10.48
12 59 16 00-0202	EA	Disassemble And Store 62" Two-Way 90 Connector	12.05
12 59 16 00-0203	EA	Disassemble And Store 67" Two-Way 90 Connector	12.89
12 59 16 00-0204	EA	Disassemble And Store 85" Two-Way 90 Connector	13.62
12 59 16 00-0205	EA	Disassemble And Store 32" Three-Way 90 Connector	14.04
12 59 16 00-0206	EA	Disassemble And Store 39" Three-Way 90 Connector	15.19
12 59 16 00-0207	EA	Disassemble And Store 47" Three-Way 90 Connector	16.24
12 59 16 00-0208	EA	Disassemble And Store 62" Three-Way 90 Connector	18.86
12 59 16 00-0209	EA	Disassemble And Store 67" Three-Way 90 Connector	20.53
12 59 16 00-0210	EA	Disassemble And Store 85" Three-Way 90 Connector	23.15
12 59 16 00-0211	EA	Disassemble And Store 32" Four-Way 90 Connector	17.71
12 59 16 00-0212	EA	Disassemble And Store 39" Four-Way 90 Connector	19.28
12 59 16 00-0213	EA	Disassemble And Store 47" Four-Way 90 Connector	20.74
12 59 16 00-0214	EA	Disassemble And Store 62" Four-Way 90 Connector	24.94
12 59 16 00-0215	EA	Disassemble And Store 67" Four-Way 90 Connector	26.41
12 59 16 00-0216	EA	Disassemble And Store 85" Four-Way 90 Connector	30.60
12 59 16 00-0217	EA	Disassemble And Store 32" Finished End	3.03
12 59 16 00-0218	EA	Disassemble And Store 39" Finished End	3.24
12 59 16 00-0219	EA	Disassemble And Store 47" Finished End	3.46
12 59 16 00-0220	EA	Disassemble And Store 62" Finished End	3.67
12 59 16 00-0221	EA	Disassemble And Store 67" Finished End	3.88
12 59 16 00-0222	EA	Disassemble And Store 85" Finished End	4.19
12 59 16 00-0223	EA	Disassemble And Store Change Of Height Draw Rod	3.33
12 59 16 00-0224	EA	Disassemble And Store Cable/Energy Barrier (Connector)	1.71
12 59 16 00-0225	EA	Disassemble And Store 27" Draw Rod	1.78
12 59 16 00-0226	EA	Disassemble And Store 34" Draw Rod	1.97
12 59 16 00-0227	EA	Disassemble And Store 42" Draw Rod	1.99
12 59 16 00-0228	EA	Disassemble And Store 48" Draw Rod	2.10
12 59 16 00-0229	EA	Disassemble And Store 57" Draw Rod	2.20
12 59 16 00-0230	EA	Disassemble And Store 62" Draw Rod	2.30
12 59 16 00-0231	EA	Disassemble And Store 80" Draw Rod	2.41
12 59 16 00-0232	EA	Disassemble And Store 24" x 36" Hanging Work Surface	27.60
12 59 16 00-0233	EA	Disassemble And Store 24" x 48" Hanging Work Surface	32.09
12 59 16 00-0234	EA	Disassemble And Store 24" x 60" Hanging Work Surface	40.50
12 59 16 00-0235	EA	Disassemble And Store 24" x 72" Hanging Work Surface	49.19
12 59 16 00-0236	EA	Disassemble And Store 30" x 36" Hanging Work Surface	34.00
12 59 16 00-0237	EA	Disassemble And Store 30" x 48" Hanging Work Surface	40.12
12 59 16 00-0238	EA	Disassemble And Store 30" x 60" Hanging Work Surface	51.00
12 59 16 00-0239	EA	Disassemble And Store 30" x 72" Hanging Work Surface	61.80
12 59 16 00-0240	EA	Disassemble And Store 24" x 36" Corner Work Surface	43.72
12 59 16 00-0241	EA	Disassemble And Store 30" x 60" Round End Peninsula	95.43
12 59 16 00-0242	EA	Disassemble And Store 30" x 72" Round End Peninsula	104.27
12 59 16 00-0243	EA	Disassemble And Store 14" x 24" Transaction Surface	13.18
12 59 16 00-0244	EA	Disassemble And Store 14" x 36" Transaction Surface	15.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0245	EA	Disassemble And Store 14" x 48" Transaction Surface	16.82	
12 59 16 00-0246	EA	Disassemble And Store 14" x 60" Transaction Surface	20.91	
12 59 16 00-0247	EA	Disassemble And Store 14" x 72" Transaction Surface	25.12	
12 59 16 00-0248	EA	Disassemble And Store Right Angle Corner Transaction Surface	43.94	
12 59 16 00-0249	EA	Disassemble And Store Pencil Drawer	3.43	
12 59 16 00-0250	EA	Disassemble And Store 24" Shelf	12.84	
12 59 16 00-0251	EA	Disassemble And Store 36" Shelf	13.97	
12 59 16 00-0252	EA	Disassemble And Store 48" Shelf	14.93	
12 59 16 00-0253	EA	Disassemble And Store 24" Flipper Door	22.14	
12 59 16 00-0254	EA	Disassemble And Store 36" Flipper Door	25.86	
12 59 16 00-0255	EA	Disassemble And Store 48" Flipper Door	29.65	
12 59 16 00-0256	EA	Disassemble And Store Task Light, Herman Miller Action Office	15.21	
12 59 16 00-0257		Reconfigure *(12 59 16 00-0087)*		
12 59 16 00-0258	EA	Reconfigure 32H 24W Panel	46.47	
12 59 16 00-0259	EA	Reconfigure 32H 30W Panel	48.90	
12 59 16 00-0260	EA	Reconfigure 32H 36W Panel	51.53	
12 59 16 00-0261	EA	Reconfigure 32H 48W Panel	54.36	
12 59 16 00-0262	EA	Reconfigure 39H 24W Panel	48.64	
12 59 16 00-0263	EA	Reconfigure 39H 30W Panel	51.10	
12 59 16 00-0264	EA	Reconfigure 39H 36W Panel	53.95	
12 59 16 00-0265	EA	Reconfigure 39H 48W Panel	56.94	
12 59 16 00-0266	EA	Reconfigure 47H 24W Panel	50.92	
12 59 16 00-0267	EA	Reconfigure 47H 30W Panel	53.72	
12 59 16 00-0268	EA	Reconfigure 47H 36W Panel	56.87	
12 59 16 00-0269	EA	Reconfigure 47H 48W Panel	60.19	
12 59 16 00-0270	EA	Reconfigure 62H 12W Panel	46.88	
12 59 16 00-0271	EA	Reconfigure 62H 24W Panel	53.95	
12 59 16 00-0272	EA	Reconfigure 62H 36W Panel	60.54	
12 59 16 00-0273	EA	Reconfigure 62H 48W Panel	64.24	
12 59 16 00-0274	EA	Reconfigure 67H 12W Panel	49.00	
12 59 16 00-0275	EA	Reconfigure 67H 24W Panel	56.39	
12 59 16 00-0276	EA	Reconfigure 67H 36W Panel	63.24	
12 59 16 00-0277	EA	Reconfigure 67H 48W Panel	66.93	
12 59 16 00-0278	EA	Reconfigure 85H 12W Panel	51.73	
12 59 16 00-0279	EA	Reconfigure 85H 24W Panel	59.92	
12 59 16 00-0280	EA	Reconfigure 85H 36W Panel	67.19	
12 59 16 00-0281	EA	Reconfigure 85H 48W Panel	71.10	
12 59 16 00-0282	EA	Reconfigure 32" Two-Way 90 Connector	11.14	
12 59 16 00-0283	EA	Reconfigure 39" Two-Way 90 Connector	12.02	
12 59 16 00-0284	EA	Reconfigure 47" Two-Way 90 Connector	13.00	
12 59 16 00-0285	EA	Reconfigure 62" Two-Way 90 Connector	14.98	
12 59 16 00-0286	EA	Reconfigure 67" Two-Way 90 Connector	15.84	
12 59 16 00-0287	EA	Reconfigure 85" Two-Way 90 Connector	16.92	
12 59 16 00-0288	EA	Reconfigure 32" Three-Way 90 Connector	17.73	
12 59 16 00-0289	EA	Reconfigure 39" Three-Way 90 Connector	19.09	
12 59 16 00-0290	EA	Reconfigure 47" Three-Way 90 Connector	20.51	
12 59 16 00-0291	EA	Reconfigure 62" Three-Way 90 Connector	23.73	
12 59 16 00-0292	EA	Reconfigure 67" Three-Way 90 Connector	25.54	
12 59 16 00-0293	EA	Reconfigure 85" Three-Way 90 Connector	28.87	
12 59 16 00-0294	EA	Reconfigure 32" Four-Way 90 Connector	22.41	
12 59 16 00-0295	EA	Reconfigure 39" Four-Way 90 Connector	24.20	
12 59 16 00-0296	EA	Reconfigure 47" Four-Way 90 Connector	25.99	
12 59 16 00-0297	EA	Reconfigure 62" Four-Way 90 Connector	31.20	
12 59 16 00-0298	EA	Reconfigure 67" Four-Way 90 Connector	32.91	
12 59 16 00-0299	EA	Reconfigure 85" Four-Way 90 Connector	37.97	
12 59 16 00-0300	EA	Reconfigure 32" Finished End	3.92	
12 59 16 00-0301	EA	Reconfigure 39" Finished End	4.16	
12 59 16 00-0302	EA	Reconfigure 47" Finished End	4.41	
12 59 16 00-0303	EA	Reconfigure 62" Finished End	4.75	
12 59 16 00-0304	EA	Reconfigure 67" Finished End	4.96	
12 59 16 00-0305	EA	Reconfigure 85" Finished End	5.22	
12 59 16 00-0306	EA	Reconfigure Change Of Height Draw Rod	3.82	
12 59 16 00-0307	EA	Reconfigure Cable/Energy Barrier (Connector)	2.72	
12 59 16 00-0308	EA	Reconfigure 27" Draw Rod	2.21	
12 59 16 00-0309	EA	Reconfigure 34" Draw Rod	2.34	
12 59 16 00-0310	EA	Reconfigure 42" Draw Rod	2.45	
12 59 16 00-0311	EA	Reconfigure 48" Draw Rod	2.57	
12 59 16 00-0312	EA	Reconfigure 57" Draw Rod	2.69	
12 59 16 00-0313	EA	Reconfigure 62" Draw Rod	2.80	
12 59 16 00-0314	EA	Reconfigure 80" Draw Rod	2.95	
12 59 16 00-0315	EA	Reconfigure 24" x 36" Hanging Work Surface	32.31	
12 59 16 00-0316	EA	Reconfigure 24" x 48" Hanging Work Surface	38.28	
12 59 16 00-0317	EA	Reconfigure 24" x 60" Hanging Work Surface	48.39	
12 59 16 00-0318	EA	Reconfigure 24" x 72" Hanging Work Surface	58.85	
12 59 16 00-0319	EA	Reconfigure 30" x 36" Hanging Work Surface	40.59	
12 59 16 00-0320	EA	Reconfigure 30" x 48" Hanging Work Surface	47.93	
12 59 16 00-0321	EA	Reconfigure 30" x 60" Hanging Work Surface	61.02	
12 59 16 00-0322	EA	Reconfigure 30" x 72" Hanging Work Surface	74.01	
12 59 16 00-0323	EA	Reconfigure 24" x 36" Corner Work Surface	52.23	
12 59 16 00-0324	EA	Reconfigure 30" x 60" Round End Peninsula	111.43	
12 59 16 00-0325	EA	Reconfigure 30" x 72" Round End Peninsula	121.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0326	EA	Reconfigure 14" x 24" Transaction Surface	15.71	
12 59 16 00-0327	EA	Reconfigure 14" x 36" Transaction Surface	17.90	
12 59 16 00-0328	EA	Reconfigure 14" x 48" Transaction Surface	20.08	
12 59 16 00-0329	EA	Reconfigure 14" x 60" Transaction Surface	25.01	
12 59 16 00-0330	EA	Reconfigure 14" x 72" Transaction Surface	30.05	
12 59 16 00-0331	EA	Reconfigure Right Angle Corner Transaction Surface	49.17	
12 59 16 00-0332	EA	Reconfigure Pencil Drawer	4.18	
12 59 16 00-0333	EA	Reconfigure 24" Shelf	15.60	
12 59 16 00-0334	EA	Reconfigure 36" Shelf	17.01	
12 59 16 00-0335	EA	Reconfigure 48" Shelf	18.17	
12 59 16 00-0336	EA	Reconfigure 24" Flipper Door	26.66	
12 59 16 00-0337	EA	Reconfigure 36" Flipper Door	31.18	
12 59 16 00-0338	EA	Reconfigure 48" Flipper Door	35.83	
12 59 16 00-0339	EA	Reconfigure Task Light	19.72	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	529.30	50.27
		For >100 To 249, Deduct	*-63.00*	
		For >249 To 749, Deduct	*-75.60*	
		For >749, Deduct	*-84.00*	
		For Up To 9, Add	*684.62*	
		For >9 To 24, Add	*273.01*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.	556.48	50.27
		For >100 To 249, Deduct	*-67.08*	
		For >249 To 749, Deduct	*-80.49*	
		For >749, Deduct	*-89.44*	
		For Up To 9, Add	*684.20*	
		For >9 To 24, Add	*272.79*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	679.78	50.27
		For >100 To 249, Deduct	*-85.57*	
		For >249 To 749, Deduct	*-102.69*	
		For >749, Deduct	*-114.10*	
		For Up To 9, Add	*684.59*	
		For >9 To 24, Add	*273.84*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms	707.32	50.27
		For >100 To 249, Deduct	*-89.70*	
		For >249 To 749, Deduct	*-107.65*	
		For >749, Deduct	*-119.61*	
		For Up To 9, Add	*681.75*	
		For >9 To 24, Add	*275.09*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4) Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	464.70	50.27
		For >100 To 249, Deduct	*-53.31*	
		For >249 To 749, Deduct	*-63.97*	
		For >749, Deduct	*-71.08*	
		For Up To 9, Add	*685.94*	
		For >9 To 24, Add	*273.67*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4)	470.13	50.27
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-54.13*	
		For >249 To 749, Deduct	*-64.95*	
		For >749, Deduct	*-72.17*	
		For Up To 9, Add	*685.60*	
		For >9 To 24, Add	*274.24*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	493.47	50.27
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-57.63*	
		For >249 To 749, Deduct	*-69.15*	
		For >749, Deduct	*-76.84*	
		For Up To 9, Add	*683.84*	
		For >9 To 24, Add	*272.77*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	355.57	50.27
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-36.94*	
		For >249 To 749, Deduct	*-44.33*	
		For >749, Deduct	*-49.26*	
		For Up To 9, Add	*674.81*	
		For >9 To 24, Add	*270.91*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	396.60	50.27
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-43.10*	
		For >249 To 749, Deduct	*-51.72*	
		For >749, Deduct	*-57.46*	
		For Up To 9, Add	*675.18*	
		For >9 To 24, Add	*270.07*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	

12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	554.87	50.27
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-66.84*	
		For >249 To 749, Deduct	*-80.20*	
		For >749, Deduct	*-89.12*	
		For Up To 9, Add	*708.47*	
		For >9 To 24, Add	*285.17*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	576.91	50.27
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-70.14*	
		For >249 To 749, Deduct	*-84.17*	
		For >749, Deduct	*-93.52*	
		For Up To 9, Add	*678.05*	
		For >9 To 24, Add	*271.22*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*26.16*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.73*	

12 61 21 Fixed Audience Seating Accessories *(12 61)*

12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	177.33	
		For >100 To 249, Deduct	*-24.96*	
		For >249 To 749, Deduct	*-29.95*	
		For >749, Deduct	*-33.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	180.53	
		For >100 To 249, Deduct	*-25.44*	
		For >249 To 749, Deduct	*-30.53*	
		For >749, Deduct	*-33.92*	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	188.88	
		For >100 To 249, Deduct	*-26.69*	
		For >249 To 749, Deduct	*-32.03*	
		For >749, Deduct	*-35.59*	
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	177.33	
		For >100 To 249, Deduct	*-24.96*	
		For >249 To 749, Deduct	*-29.95*	
		For >749, Deduct	*-33.28*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	189.58	
		For >100 To 249, Deduct	*-26.80*	
		For >249 To 749, Deduct	*-32.16*	
		For >749, Deduct	*-35.73*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	14.34	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*

Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

12 62 23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat	185.17	4.60
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	245.26	4.60
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	280.12	4.83
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	292.40	5.05
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	387.23	5.17
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	443.33	5.43
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	481.10	5.75
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 66 Telescoping Stands *(12 60)*

12 66 13 Telescoping Bleachers *(12 66)*

12 66 13 00-0001 Wall Mounted Telescoping Bleachers *(12 66 13)*

Note: Includes column cutouts, manual operation, 10" plastic seats and cylinder lock. Excludes self-storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts. See CSI section 12 66 13 00-0019 for additonal optional accessories.

12 66 13 00-0002	SEA	3 To 10 Tier Telescoping Bleacher, 24" Row Spacing	288.07	22.51
		For Aluminum Seating And Walks, Add	*103.65*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0003	SEA	3 To 10 Tier Telescoping Bleacher, 25" - 26" Row Spacing	328.80	29.33
		For Aluminum Seating And Walks, Add	*119.90*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0004	SEA	3 To 10 Tier Telescoping Bleacher, 28" - 30" Row Spacing	373.53	30.25
		For Aluminum Seating And Walks, Add	*137.95*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0005	SEA	3 To 10 Tier Telescoping Bleacher, 31" - 33" Row Spacing	406.55	30.95
		For Aluminum Seating And Walks, Add	*150.72*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0006	SEA	11 To 20 Tier Telescoping Bleacher, 24" Row Spacing	296.65	22.51
		For Aluminum Seating And Walks, Add	*107.51*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0007	SEA	11 To 20 Tier Telescoping Bleacher, 25" - 26" Row Spacing	345.79	29.33
		For Aluminum Seating And Walks, Add	*127.55*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0008	SEA	11 To 20 Tier Telescoping Bleacher, 28" - 30" Row Spacing	396.55	30.25
		For Aluminum Seating And Walks, Add	*148.31*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0009	SEA	11 To 20 Tier Telescoping Bleacher, 31" - 33" Row Spacing	435.88	30.95
		For Aluminum Seating And Walks, Add	*163.92*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0010	SEA	21 To 30 Tier Telescoping Bleacher, 22" - 24" Row Spacing	305.30	22.51
		For Aluminum Seating And Walks, Add	*111.40*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0011	SEA	21 To 30 Tier Telescoping Bleacher, 25" - 26" Row Spacing	362.77	29.33
		For Aluminum Seating And Walks, Add	*135.19*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0012	SEA	21 To 30 Tier Telescoping Bleacher, 28" - 30" Row Spacing	419.81	30.25
		For Aluminum Seating And Walks, Add	*158.77*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0013	SEA	21 To 30 Tier Telescoping Bleacher, 31" - 33" Row Spacing	491.57	30.95
		For Aluminum Seating And Walks, Add	*177.03*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

12 66 13 00-0014 Portable Telescoping Bleachers *(12 66 13)*

Note: Includes manual operation, 10" plastic seats and cylinder lock. Excludes self-storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts.

12 66 13 00-0015	SEA	3 To 10 Tier Portable Bleacher, 24" Row Spacing	321.86	22.51
		For Aluminum Seating And Walks, Add	*118.85*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0016	SEA	3 To 10 Tier Portable Bleacher, 25" - 26" Row Spacing	368.77	29.33
		For Aluminum Seating And Walks, Add	*137.89*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0017	SEA	3 To 10 Tier Portable Bleacher, 28" - 30" Row Spacing	419.52	30.25
		For Aluminum Seating And Walks, Add	*158.64*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0018	SEA	3 To 10 Tier Portable Bleacher, 31" - 33" Row Spacing	456.79	30.95
		For Aluminum Seating And Walks, Add	*173.33*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

12 66 13 00-0019 Options And Accessories *(12 66 13)*

12 66 13 00-0020	EA	Removable Center Railing, Single Sphere	234.01	4.04
12 66 13 00-0021	LF	Removable Center Railing, Single Rail	78.24	4.04
12 66 13 00-0022	EA	Self Storing Side Railing	264.47	4.62
12 66 13 00-0023	LF	Rear Railing, Horizontal Or Vertical Rails	183.63	4.23
12 66 13 00-0024	SF	Rear Panel, Plywood With Metal Frame, Trim And Finish	16.28	1.15
12 66 13 00-0025	SF	End Panel, Plywood With Metal Frame, Trim And Finish	41.64	1.15
12 66 13 00-0026	SF	Rear Filler Panel	60.77	0.58
12 66 13 00-0027	EA	4' Scorer/Timer Table	486.90	19.64
12 66 13 00-0028	EA	8' Scorer/Timer Table	612.08	30.02
12 66 13 00-0029	EA	Portable Tractor For Wall Mounted Units	11,637.88	
12 66 13 00-0030	PR	Portable Dolly For Portable Units	13,054.17	
12 66 13 00-0031	SEA	For Each Additional Floor Above Or Below First Floor, Add For Installation	3.58	
12 66 13 00-0032	SEA	For Each Additional Floor Above Or Below First Floor, Add For Demolition	1.79	
12 66 13 00-0033	ROW	48" Aisle, 24" - 26" Row, With Non-Slip Tread	199.29	34.65
		For Intermediate Steps, Add	*19.93*	
12 66 13 00-0034	ROW	48" Aisle, 28" - 33" Row, With Non-Slip Tread	555.43	46.19
		For Intermediate Steps, Add	*55.54*	
12 66 13 00-0035	ROW	Aisle Filler Panel, 24" - 26" Row, With Non-Slip Tread	164.56	14.43
12 66 13 00-0036	ROW	Aisle Filler Panel, 28" - 33" Row, With Non-Slip Tread	118.28	14.43
12 66 13 00-0037	EA	Single Handicap Cutout Seating With Railing	762.76	43.30
12 66 13 00-0038	EA	Double Handicap Cutout Seating With Railing	1,575.41	63.51
12 66 13 00-0039	EA	Portable Operator's Handle	447.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 01 Operation and Maintenance of Special Construction *(13)*

13 01 10 Operation and Maintenance of Special Facility Components *(13 01)*

13 01 11 Operation and Maintenance of Swimming Pools *(13 01 10)*

13 01 11 11 Operation and Maintenance of Swimming Pools *(13 01 11)*

13 01 11 11-0001 Pool Restoration Items *(13 01 11 11)*

13 01 11 11-0002	LF	Saw Cutting Pool Floor	16.37	
13 01 11 11-0003	SF	Demolish Pool Floor	29.75	
13 01 11 11-0004	LF	Demolish Pool Gutter Lip	41.66	
13 01 11 11-0005	LF	Demolish Pool Coping	24.80	
13 01 11 11-0006	SF	Demolish Up To 1" Thick Pool Plaster	13.35	
13 01 11 11-0007	LF	Install Pool Coping	109.09	
13 01 11 11-0008	EA	Coring For Pool Pipe Penetrations	694.28	
13 01 11 11-0009	EA	Coring For Pool Wall Inlets	238.04	
13 01 11 11-0010	EA	Coring For Pool Gutter Outlets	396.73	
13 01 11 11-0011	EA	Core And Demolish Pool Light Fixture	793.46	
13 01 11 11-0012	EA	12 Volt, LED Pool Light	921.84	
13 01 11 11-0013	EA	Bond/Set Pool Anchors	204.31	
13 01 11 11-0014	EA	Core/Install Pool Cup Anchors	581.20	
13 01 11 11-0015	LF	Form Pool Gutter	27.77	
13 01 11 11-0016	LF	Float Pool Gutter Lip	41.66	
13 01 11 11-0017	LF	Theroseal Pool Gutter	14.68	
13 01 11 11-0018	SF	Theroseal Pool Surge Tank	11.74	
13 01 11 11-0019	EA	Pool Start-up	12,631.68	
13 01 11 11-0020	SF	Up To 1/2" Thick Troweled Pool Plaster	6.03	
		For Radius Or Irregular Surface, Add	*2.11*	
		For Up To 25, Add	*1.40*	
		For >25 To 50, Add	*0.83*	
		For >50 To 150, Add	*0.40*	
13 01 11 11-0021	SF	>1/2" To 1" Thick Troweled Pool Plaster	8.62	
		For Radius Or Irregular Surface, Add	*3.05*	
		For Up To 25, Add	*2.01*	
		For >25 To 50, Add	*1.19*	
		For >50 To 150, Add	*0.57*	
13 01 11 11-0022	SF	1" x 1" Glass Pool Tile Sheet	20.21	1.95
13 01 11 11-0023	SF	2" x 2" Porcelain Mosaic Pool Tile Sheet	24.59	1.95
13 01 11 11-0024	SF	6" x 6" Porcelain Pool Tile	30.11	1.95

13 01 11 11-0025 Swimming Pool Plaster Restoration *(13 01 11 11)*

13 01 11 11-0026	SF	Chip, Clean And Repair Plaster Up To 10 SF On Swimming Pool	39.57	
13 01 11 11-0027	SF	Chip, Clean And Repair Plaster >10 To 50 SF On Swimming Pool	28.73	
13 01 11 11-0028	SF	Chip, Clean And Repair Plaster >50 To 250 SF On Swimming Pool	21.14	
13 01 11 11-0029	SF	Chip, Clean And Repair Plaster >250 To 1,000 SF On Swimming Pool	16.81	
13 01 11 11-0030	SF	Chip, Clean And Repair Plaster >1,000 SF On Swimming Pool	12.46	

13 10 Special Facility Components *(13)*

13 11 Swimming Pools *(13 10)*

13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0043 for diatomite type filter system.

13 11 46 00-0001 Diving Boards *(13 11 46)*

13 11 46 00-0002	EA	14' Long, Aluminum Diving Boards	7,109.09	427.27
		For Wheel Adjuster, Add	*117.71*	
13 11 46 00-0003	EA	14' Long, Fiberglass Diving Boards	5,693.83	427.27
		For Wheel Adjuster, Add	*117.71*	
13 11 46 00-0004	EA	8' Long, Fiberglass Diving Board	3,109.10	354.51
		For Wheel Adjuster, Add	*109.62*	
13 11 46 00-0005	EA	10' Long, Fiberglass Diving Board	4,102.65	378.76
		For Wheel Adjuster, Add	*112.30*	
13 11 46 00-0006	EA	12' Long, Fiberglass Diving Board	5,074.05	404.17
		For Wheel Adjuster, Add	*115.10*	

13 11 46 00-0007 Diving Stand *(13 11 46)*

13 11 46 00-0008	EA	Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment	27,664.97	2,886.92
13 11 46 00-0009	EA	Diving Stand, 3 M Stainless Steel Swimming Pool Equipment	35,470.37	2,886.92
13 11 46 00-0010	EA	Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment	16,344.36	1,154.77
13 11 46 00-0011	EA	Diving Stand, 1 M Stainless Steel Swimming Pool Equipment	22,036.71	1,154.77
13 11 46 00-0012	EA	Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails	6,035.27	535.81

13 11 46 00-0013 Heavy-Duty Ladders *(13 11 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 11 46 00-0014	EA	Ladders, 2 Tread, Galvanized Steel Swimming Pool Equipment	1,490.29	165.13
13 11 46 00-0015	EA	Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment	2,532.69	165.13
13 11 46 00-0016	EA	Ladders, 4 Tread, Galvanized Steel Swimming Pool Equipment	1,711.05	190.53
13 11 46 00-0017	EA	Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment	3,118.04	190.53
13 11 46 00-0018		**Lifeguard Chair** *(13 11 46)*		
13 11 46 00-0019	EA	Lifeguard Chair, Galvanized Swimming Pool Equipment	3,844.69	427.27
13 11 46 00-0020	EA	Lifeguard Chair, Stainless Steel Swimming Pool Equipment	5,703.38	427.27
13 11 46 00-0021		**Underwater Lights** *(13 11 46)*		
13 11 46 00-0022	EA	Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment	468.14	144.06
13 11 46 00-0023	EA	Lights, Underwater, 110 Volt, Swimming Pool Equipment	459.87	144.06
13 11 46 00-0024		**Pool Covers** *(13 11 46)*		
		Note: Includes cover straps and tension springs.		
13 11 46 00-0025	SF	Pool Covers, Reinforced Polyethylene	17.43	7.33
13 11 46 00-0026	SF	Pool Cover, Vinyl Water Tube	17.48	7.33
13 11 46 00-0027		**Curved Slides With Water Tube** *(13 11 46)*		
13 11 46 00-0028	EA	8' Curved Fiberglass Pool Slide With Continuous Flowing Water	11,362.37	883.75
13 11 46 00-0029		**Slides With Water Tube** *(13 11 46)*		
13 11 46 00-0030	EA	5' Straight, Fiberglass Pool Slide	5,793.63	649.56
13 11 46 00-0031		**Pool Equipment And Accessories** *(13 11 46)*		
13 11 46 00-0032	EA	Swim Lift, Vertical, Stainless Steel, In Pool Mount	7,809.72	
		Note: Spectrum #5030.		
13 11 46 00-0033	EA	Swim Lift, With Arm, Stainless Steel, Deck Mount	11,434.13	
		Note: Spectrum Traveler XRC #26705.		
13 11 46 00-0034	EA	Lifeguard Chair, Stainless Steel, 4 SF Platform, 3' High	9,005.77	433.03
		Note: Paragon #37-164 "Lookout Dual Side Mount".		
13 11 46 00-0035	EA	Lifeguard Chair, Stainless Steel, 40" x 60" Platform, 3' High	14,977.12	461.90
		Note: Paragon #37-164 "Lookout Platform".		
13 11 46 00-0036	EA	Lifeguard Chair, Stainless Steel, 6' High	9,693.07	461.90
		Note: Paragon #38-005 "OSHA Guard Chair".		
13 11 46 00-0037	EA	Lifeguard Chair, Stainless Steel, 6' High	8,278.04	461.90
		Note: Paragon #38-010 "Ultraflyte Guard Chair".		
13 11 46 00-0038	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .109" Thickness	1,644.20	115.47
		Note: Requires four anchors sockets and escutcheons. Paragon #36-070.		
13 11 46 00-0039	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .145" Thickness	1,852.47	115.47
		Note: Requires four anchors sockets and escutcheons. Paragon #36-075.		
13 11 46 00-0040	EA	Bronze Anchor Socket, 4" Deep For 1.90" Outside Diameter Tube	271.37	
13 11 46 00-0041	EA	Stainless Steel Escutcheon For 1.90" Outside Diameter Tube	50.82	
13 11 46 00-0042	EA	Rope Anchor	45.33	
13 11 46 00-0043	EA	Stanchion Post Socket	266.89	
13 11 46 00-0044	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	840.84	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*25.39*	
13 11 46 00-0045	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	983.65	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*30.39*	
13 11 46 00-0046	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	900.34	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*27.47*	
13 11 46 00-0047	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	1,061.00	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*33.09*	
13 11 46 00-0048	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	968.18	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*29.84*	
13 11 46 00-0049	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	1,135.98	57.74
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*35.72*	
13 11 46 00-0050	EA	1 Meter High Aluminum Diving Stand With Stainless Steel Handrail	19,021.51	1,154.77
		Note: Requires deck anchor set and diving board.		
13 11 46 00-0051	EA	3 Meter High Aluminum Diving Stand With Stainless Steel Handrail	37,481.91	2,309.53
		Note: Requires deck anchor set and diving board.		
13 11 46 00-0052	SET	Bronze Deck Anchor (Set of 8)	1,083.70	
13 11 46 00-0053	EA	16' Duraflex Diving Board	6,865.17	115.47
13 11 46 00-0054	EA	Pool Tube Slide, Stainless Steel Frame, 27" Polyethylene Flume	42,511.99	2,309.53
		Note: Includes 6' tower deck height, 4' x 4' top platform, 26" wide stair assembly, non-slip deck and step treads, and observation deck clear bubble.		

13 12 Fountains *(13 10)*

13 12 13 Exterior Fountains *(13 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 12 13 00-0001		Fountains/Aerators *(13 12 13)*		
13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord	2,358.73	176.19
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord	2,605.24	180.06
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord	2,639.77	184.42
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord	2,769.10	188.77
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord	2,899.60	193.61
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord	6,179.78	198.46
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord	7,069.38	203.78
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord	7,840.59	209.10
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord	9,915.42	214.91
13 12 13 00-0011	EA	Aerator Nozzle	781.51	96.81

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

13 21 26 13 Walk-in Coolers *(13 21 26)*

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 16 Grandstands and Bleachers *(13 34)*

13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	97.26	9.20

13 34 16 13-0004 16 To 30 Tiers *(13 34 16 13-0001)*

13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	151.90	10.35

13 34 19 Metal Building Systems *(13 34)*

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings *(13 34 19)*

Note: Free-standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations, slab and anchor bolts embedded in concrete. See CSI section 03 15 19 00-0001 for cast in concrete anchors, 03 31 13 00-0001 for concrete slab, 03 31 13 00-0010 for concrete foundations, 13 34 19 00-0109 for metal building options.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*

13 34 19 00-0004	GSF	10' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.63	8.09
		For 20' To 29' In Length Only, Add	*2.97*	
		For 30' To 49' In Length Only, Add	*2.34*	
		For 50' To 69' In Length Only, Add	*1.37*	
		For 70' To 99' In Length Only, Add	*0.56*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.86*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.43*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.15*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.79*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.44*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.44*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.87*	
		For Single Slope Frame Roof, Add	*1.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.10*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0005	GSF	12' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	30.73	8.88
		For 20' To 29' In Length Only, Add	*3.06*	
		For 30' To 49' In Length Only, Add	*2.41*	
		For 50' To 69' In Length Only, Add	*1.41*	
		For 70' To 99' In Length Only, Add	*0.58*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.54*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.00*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.69*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.84*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.38*	
		For Single Slope Frame Roof, Add	*1.61*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.88*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.20*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0006	GSF	14' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	33.10	9.80
		For 20' To 29' In Length Only, Add	*3.15*	
		For 30' To 49' In Length Only, Add	*2.47*	
		For 50' To 69' In Length Only, Add	*1.45*	
		For 70' To 99' In Length Only, Add	*0.60*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.99*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.66*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.48*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.23*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.97*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.94*	
		For Single Slope Frame Roof, Add	*1.66*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.94*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.31*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0007	GSF	16' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	35.68	10.73
		For 20' To 29' In Length Only, Add	*3.29*	
		For 30' To 49' In Length Only, Add	*2.59*	
		For 50' To 69' In Length Only, Add	*1.51*	
		For 70' To 99' In Length Only, Add	*0.62*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.07*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.78*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.68*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.48*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.28*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.78*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.56*	
		For Single Slope Frame Roof, Add	*1.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.01*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0008	GSF	18' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	38.35	11.64
		For 20' To 29' In Length Only, Add	*3.46*	
		For 30' To 49' In Length Only, Add	*2.72*	
		For 50' To 69' In Length Only, Add	*1.59*	
		For 70' To 99' In Length Only, Add	*0.66*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.15*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.88*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.60*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.20*	
		For Single Slope Frame Roof, Add	*1.82*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.08*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0009	GSF	20' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	42.14	12.50
		For 20' To 29' In Length Only, Add	*4.00*	
		For 30' To 49' In Length Only, Add	*3.14*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.26*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.11*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.11*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.06*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*8.01*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*10.11*	
		For Single Slope Frame Roof, Add	*2.10*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.19*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0010	GSF	24' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	47.36	14.34
		For 20' To 29' In Length Only, Add	*4.34*	
		For 30' To 49' In Length Only, Add	*3.41*	
		For 50' To 69' In Length Only, Add	*2.00*	
		For 70' To 99' In Length Only, Add	*0.82*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.42*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.37*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.55*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.62*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*9.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*11.37*	
		For Single Slope Frame Roof, Add	*2.29*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.34*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.87*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0011		>30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*		
13 34 19 00-0012	GSF	10' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	24.22	6.44
		For 30' To 49' In Length Only, Add	*2.18*	
		For 50' To 69' In Length Only, Add	*1.28*	
		For 70' To 99' In Length Only, Add	*0.53*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.21*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.36*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.91*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.81*	
		For Single Slope Frame Roof, Add	*1.46*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.90*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0013	GSF	12' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.88	7.02
		For 30' To 49' In Length Only, Add	*2.25*	
		For 50' To 69' In Length Only, Add	*1.31*	
		For 70' To 99' In Length Only, Add	*0.54*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.29*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.94*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.11*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.92*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.21*	
		For Single Slope Frame Roof, Add	*1.50*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.97*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0014	GSF	14' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	27.34	7.60
		For 30' To 49' In Length Only, Add	*2.29*	
		For 50' To 69' In Length Only, Add	*1.34*	
		For 70' To 99' In Length Only, Add	*0.55*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.82*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.37*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.28*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.19*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.56*	
		For Single Slope Frame Roof, Add	*1.54*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.04*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0015	GSF	16' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.38	8.27
		For 30' To 49' In Length Only, Add	*2.41*	
		For 50' To 69' In Length Only, Add	*1.41*	
		For 70' To 99' In Length Only, Add	*0.58*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.88*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.47*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.86*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.58*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.05*	
		For Single Slope Frame Roof, Add	*1.62*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.84*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.12*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0016	GSF	18' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.82	8.88
		For 30' To 49' In Length Only, Add	*2.65*	
		For 50' To 69' In Length Only, Add	*1.55*	
		For 70' To 99' In Length Only, Add	*0.64*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.95*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.59*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.39*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.10*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.82*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.64*	
		For Single Slope Frame Roof, Add	*1.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.91*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.20*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0017	GSF	20' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	34.08	9.50
		For 30' To 49' In Length Only, Add	*2.82*	
		For 50' To 69' In Length Only, Add	*1.65*	
		For 70' To 99' In Length Only, Add	*0.68*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.02*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.70*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.32*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.09*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.48*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.18*	
		For Single Slope Frame Roof, Add	*1.89*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.98*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.28*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0018	GSF	24' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	37.40	10.73
		For 30' To 49' In Length Only, Add	*2.97*	
		For 50' To 69' In Length Only, Add	*1.74*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.12*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.87*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.81*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.65*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.11*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.98*	
		For Single Slope Frame Roof, Add	*1.99*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.07*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0019 >50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings

(13 34 19 00-0002)

13 34 19 00-0020	GSF	10' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	18.58	4.48
		For 30' To 49' In Length Only, Add	*1.91*	
		For 50' To 69' In Length Only, Add	*1.12*	
		For 70' To 99' In Length Only, Add	*0.46*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.39*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.23*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.53*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.46*	
		For Single Slope Frame Roof, Add	*1.28*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0021	GSF	12' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	19.36	4.71
		For 30' To 49' In Length Only, Add	*1.97*	
		For 50' To 69' In Length Only, Add	*1.15*	
		For 70' To 99' In Length Only, Add	*0.47*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.89*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.32*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.68*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.65*	
		For Single Slope Frame Roof, Add	*1.32*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.68*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0022	GSF	14' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	20.14	4.92
		For 30' To 49' In Length Only, Add	*2.02*	
		For 50' To 69' In Length Only, Add	*1.18*	
		For 70' To 99' In Length Only, Add	*0.49*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.51*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.96*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.42*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.83*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.83*	
		For Single Slope Frame Roof, Add	*1.36*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0023	GSF	16' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	22.38	5.70
		For 30' To 49' In Length Only, Add	*2.14*	
		For 50' To 69' In Length Only, Add	*1.25*	
		For 70' To 99' In Length Only, Add	*0.52*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.12*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.18*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.69*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.25*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.37*	
		For Single Slope Frame Roof, Add	*1.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0024	GSF	18' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	24.17	6.34
		For 30' To 49' In Length Only, Add	*2.22*	
		For 50' To 69' In Length Only, Add	*1.30*	
		For 70' To 99' In Length Only, Add	*0.53*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.21*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.36*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.90*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.80*	
		For Single Slope Frame Roof, Add	*1.49*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0025	GSF	20' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.89	6.99
		For 30' To 49' In Length Only, Add	*2.28*	
		For 50' To 69' In Length Only, Add	*1.33*	
		For 70' To 99' In Length Only, Add	*0.55*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.29*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.94*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.11*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.92*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.21*	
		For Single Slope Frame Roof, Add	*1.53*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.96*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0026	GSF	24' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.91	7.90
		For 30' To 49' In Length Only, Add	*2.49*	
		For 50' To 69' In Length Only, Add	*1.46*	
		For 70' To 99' In Length Only, Add	*0.60*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.87*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.45*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.17*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.82*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.47*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.49*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.94*	
		For Single Slope Frame Roof, Add	*1.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.83*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.08*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0027 Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*
Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0028 20' To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0029	GSF	10' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.53	6.44
		For 20' To 29' In Length Only, Add	*2.86*	
		For 30' To 49' In Length Only, Add	*2.25*	
		For 50' To 69' In Length Only, Add	*1.32*	
		For 70' To 99' In Length Only, Add	*0.54*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.74*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.39*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.94*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.66*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.89*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.90*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0030	GSF	12' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.39	7.02
		For 20' To 29' In Length Only, Add	*3.02*	
		For 30' To 49' In Length Only, Add	*2.38*	
		For 50' To 69' In Length Only, Add	*1.39*	
		For 70' To 99' In Length Only, Add	*0.57*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.17*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.01*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.33*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.77*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.97*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0031	GSF	14' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	28.24	7.60
		For 20' To 29' In Length Only, Add	*3.17*	
		For 30' To 49' In Length Only, Add	*2.50*	
		For 50' To 69' In Length Only, Add	*1.46*	
		For 70' To 99' In Length Only, Add	*0.60*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.85*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.41*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.39*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.37*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.78*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.04*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0032	GSF	16' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.58	8.27
		For 20' To 29' In Length Only, Add	*3.41*	
		For 30' To 49' In Length Only, Add	*2.68*	
		For 50' To 69' In Length Only, Add	*1.57*	
		For 70' To 99' In Length Only, Add	*0.65*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.53*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.98*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.67*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.81*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.34*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.88*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.12*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0033	GSF	18' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	32.67	8.92
		For 20' To 29' In Length Only, Add	*3.59*	
		For 30' To 49' In Length Only, Add	*2.82*	
		For 50' To 69' In Length Only, Add	*1.65*	
		For 70' To 99' In Length Only, Add	*0.68*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.98*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.63*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.45*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.19*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.92*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.21*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.84*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.94*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.20*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0034	GSF	20' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	34.74	9.56
		For 20' To 29' In Length Only, Add	*3.77*	
		For 30' To 49' In Length Only, Add	*2.96*	
		For 50' To 69' In Length Only, Add	*1.73*	
		For 70' To 99' In Length Only, Add	*0.71*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.04*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.74*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.61*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.39*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.17*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.34*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.00*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.28*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0035	GSF	24' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	39.03	10.90
		For 20' To 29' In Length Only, Add	*4.13*	
		For 30' To 49' In Length Only, Add	*3.25*	
		For 50' To 69' In Length Only, Add	*1.90*	
		For 70' To 99' In Length Only, Add	*0.78*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.17*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.95*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.93*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.42*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.37*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.12*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.45*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0036 >30' To 50' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

13 34 19 00-0037	GSF	10' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	22.05	5.70
		For 30' To 49' In Length Only, Add	*2.07*	
		For 50' To 69' In Length Only, Add	*1.21*	
		For 70' To 99' In Length Only, Add	*0.50*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.65*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.15*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.65*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.19*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.29*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0038	GSF	12' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.61	6.22
		For 30' To 49' In Length Only, Add	*2.15*	
		For 50' To 69' In Length Only, Add	*1.26*	
		For 70' To 99' In Length Only, Add	*0.52*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.18*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.77*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.83*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.49*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.87*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0039	GSF	14' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.16	6.74
		For 30' To 49' In Length Only, Add	*2.24*	
		For 50' To 69' In Length Only, Add	*1.31*	
		For 70' To 99' In Length Only, Add	*0.54*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.75*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.26*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.89*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.02*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.78*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.04*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.93*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0040	GSF	16' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.79	7.23
		For 30' To 49' In Length Only, Add	*2.36*	
		For 50' To 69' In Length Only, Add	*1.38*	
		For 70' To 99' In Length Only, Add	*0.57*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.34*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.01*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.77*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.99*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0041	GSF	18' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	28.45	7.76
		For 30' To 49' In Length Only, Add	*2.47*	
		For 50' To 69' In Length Only, Add	*1.44*	
		For 70' To 99' In Length Only, Add	*0.59*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.85*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.42*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.13*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.77*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.83*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.06*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0042	GSF	20' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.10	8.27
		For 30' To 49' In Length Only, Add	*2.57*	
		For 50' To 69' In Length Only, Add	*1.51*	
		For 70' To 99' In Length Only, Add	*0.62*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.90*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.51*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.26*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.93*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.61*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.72*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.22*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.87*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.12*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0043	GSF	24' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	33.80	9.44
		For 30' To 49' In Length Only, Add	*2.82*	
		For 50' To 69' In Length Only, Add	*1.65*	
		For 70' To 99' In Length Only, Add	*0.68*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.01*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.69*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.54*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.30*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.06*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.42*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.11*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.97*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.27*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0044 >50' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

13 34 19 00-0045	GSF	10' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	18.88	4.48
		For 30' To 49' In Length Only, Add	*1.98*	
		For 50' To 69' In Length Only, Add	*1.16*	
		For 70' To 99' In Length Only, Add	*0.48*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.42*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.27*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.53*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0046	GSF	12' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	19.95	4.78
		For 30' To 49' In Length Only, Add	*2.06*	
		For 50' To 69' In Length Only, Add	*1.20*	
		For 70' To 99' In Length Only, Add	*0.50*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.00*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.50*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.95*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.39*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.79*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.79*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.69*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0047	GSF	14' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	20.97	5.09
		For 30' To 49' In Length Only, Add	*2.13*	
		For 50' To 69' In Length Only, Add	*1.25*	
		For 70' To 99' In Length Only, Add	*0.51*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.04*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.52*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.98*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.03*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.73*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0048	GSF	16' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	22.07	5.39
		For 30' To 49' In Length Only, Add	*2.23*	
		For 50' To 69' In Length Only, Add	*1.30*	
		For 70' To 99' In Length Only, Add	*0.54*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.15*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.65*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.19*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.30*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.77*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0049	GSF	18' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.45	5.76
		For 30' To 49' In Length Only, Add	*2.35*	
		For 50' To 69' In Length Only, Add	*1.37*	
		For 70' To 99' In Length Only, Add	*0.57*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.17*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.76*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.29*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.81*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.46*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.63*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0050	GSF	20' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.69	6.07
		For 30' To 49' In Length Only, Add	*2.47*	
		For 50' To 69' In Length Only, Add	*1.45*	
		For 70' To 99' In Length Only, Add	*0.60*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.74*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.85*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.41*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.96*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.69*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.93*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.85*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0051	GSF	24' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.62	6.90
		For 30' To 49' In Length Only, Add	*2.71*	
		For 50' To 69' In Length Only, Add	*1.59*	
		For 70' To 99' In Length Only, Add	*0.65*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.83*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.38*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.07*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.69*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.31*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.25*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.63*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.81*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.95*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0052			Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)* Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0053			Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0054		GSF	14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.10	5.27
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.51*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.96*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.41*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.82*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.82*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.75*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0055		GSF	16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.47	5.64
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.61*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.09*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.58*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.08*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.15*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.80*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0056		GSF	18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.57	5.95
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*1.13*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.69*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.20*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.71*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.29*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.42*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.84*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0057		GSF	20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.63	6.25
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*1.18*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.77*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.30*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.84*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.49*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.67*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.87*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0058		GSF	24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	25.62	6.79
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.77*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*1.28*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.92*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.50*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.07*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.87*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.15*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.94*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0059			>60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0060		GSF	14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.51	4.65
			For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
			For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.39*	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.80*	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.22*	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.52*	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.44*	
			For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
			For Each SF Of Lap Roof, Deduct	*-0.76*	
			For Each SF Of Hip Roof, Add	*0.68*	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0061	GSF	16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.71	4.97
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.59*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.99*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.48*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.92*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.37*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.74*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0062	GSF	18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.79	5.27
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.04*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.03*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.95*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.99*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.75*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0063	GSF	20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.72	5.51
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.09*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.61*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.13*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.21*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.78*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0064	GSF	24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.54	6.00
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.18*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.77*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.82*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.47*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.65*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.84*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0065 >80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0066	GSF	14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.03	4.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.28*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.24*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.09*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.50*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0067	GSF	16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.85	4.29
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.89*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.34*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.14*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.39*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.28*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0068	GSF	18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.81	4.53
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.83*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.51*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.66*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0069	GSF	20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.59	4.72
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.59*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.98*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.47*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.35*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.72*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.68*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0070	GSF	24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.25	5.15
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.06*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.59*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.07*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.55*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.04*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.10*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.74*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0071 >100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0072	GSF	14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	16.55	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.99*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.97*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0073	GSF	16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.22	4.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.07*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.27*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.13*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0074	GSF	18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.02	4.29
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.76*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.42*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.32*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0075	GSF	20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.77	4.48
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.83*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.25*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.50*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0076	GSF	24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.36	4.84
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.53*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.99*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.44*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.87*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.89*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.70*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0077		Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0078		Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*		
13 34 19 00-0079	GSF	14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.54	4.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.97*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0080	GSF	16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.21	4.29
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.07*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.27*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.13*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0081	GSF	18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.20	4.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.06*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.27*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.13*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0082	GSF	20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.90	4.35
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.34*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.15*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.40*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.30*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.64*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0083	GSF	24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.96	4.65
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.00*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.50*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.95*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.40*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.79*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.79*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.68*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0084		>120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*		
13 34 19 00-0085	GSF	14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	15.54	3.74
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.47*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.78*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.17*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.86*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.95*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.46*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0086	GSF	16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.06	3.86
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.93*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.85*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0087	GSF	18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.68	4.02
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.25*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.00*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.17*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.00*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0088	GSF	20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.28	4.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.07*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.28*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0089	GSF	24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.32	4.48
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.88*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.32*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.64*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

13 34 19 00-0092	GSF	14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.91	3.55
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.45*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.75*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.12*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.79*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.83*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.58*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.44*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0093	GSF	16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.50	3.67
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.47*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.78*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.51*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.86*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.95*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.72*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.46*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0094	GSF	18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.03	3.80
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.92*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.05*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.85*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0095	GSF	20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.54	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.97*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0096	GSF	24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.63	4.29
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.40*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.24*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.47*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0097		>160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*		
13 34 19 00-0098	GSF	14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.64	3.43
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.44*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.73*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.10*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.43*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.76*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.78*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.51*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.44*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0099	GSF	16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.17	3.55
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.46*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.76*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.14*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.48*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.82*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.88*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.64*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.45*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0100	GSF	18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.72	3.67
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.47*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.79*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.18*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.53*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.89*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.99*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.47*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0101	GSF	20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.26	3.80
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.49*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.81*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.22*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.59*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.95*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.90*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0102	GSF	24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.21	4.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.91*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.19*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.46*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.37*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0103		>180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0090)*		
13 34 19 00-0104	GSF	14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.41	3.30
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.43*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.72*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.08*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.40*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.74*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.46*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.43*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0105	GSF	16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.85	3.43
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.45*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.74*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.11*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.78*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.82*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.44*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0106	GSF	18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.42	3.55
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.46*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.77*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.50*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.85*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.93*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.46*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0107	GSF	20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.98	3.67
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.92*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.04*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.84*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0108	GSF	24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.96	3.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0109		Metal Building Options *(13 34 19 00-0001)*		
		Note: For use with metal buildings only. See CSI section 08 36 13 00-0013 for sectional doors, 08 51 13 00-0079 for sliding windows.		
13 34 19 00-0110		Metal Framing For Rough Openings *(13 34 19 00-0109)*		
		Note: Excludes doors See CSI section 08 13 00 00-0000 for metal doors, 08 14 00 00-0000 for wood doors, 08 33 23 00-0000 for overhead coiling doors.		
13 34 19 00-0111	EA	Single Door, Metal Frame Rough Opening	460.81	137.26
13 34 19 00-0112	EA	Double Door, Metal Frame Rough Opening	685.76	177.71
13 34 19 00-0113	EA	10' x 10' Overhead Door, Metal Frame Rough Opening	781.25	168.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0114	EA	12' x 12' Overhead Door, Metal Frame Rough Opening	839.13	171.58
13 34 19 00-0115	EA	14' x 14' Overhead Door, Metal Frame Rough Opening	888.17	177.71
13 34 19 00-0116	EA	Up To 12 SF, Window Opening, Metal Frame Rough Opening	446.49	137.26
13 34 19 00-0117	EA	>12 To 18 SF, Window Opening, Metal Frame Rough Opening	502.51	156.01
13 34 19 00-0118	LF	Additional Girts	12.67	

13 34 19 00-0119 Wall Panel Options For Metal Buildings *(13 34 19 00-0109)*

Note: Upgrade from 26 gauge wall panels.

13 34 19 00-0120	SF	Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile	15.61	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0121	SF	Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile	18.76	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0122	SF	Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile	21.57	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0123	SF	Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile	24.80	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

13 34 19 00-0124 Roofing Options For Metal Buildings *(13 34 19 00-0109)*

Note: Upgrade from 26 gauge standing seam roof panels.

13 34 19 00-0125	SF	Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof	1.58	
13 34 19 00-0126	SF	Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42	25.80	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0127	SF	Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42	27.43	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0128	SF	Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42	28.72	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0129	EA	3' x 10' Translucent Fiberglass Panels	206.75	52.70
13 34 19 00-0130	LF	Vented Ridge Vent For Standing Seam Roof	26.93	

13 34 19 00-0131 Insulation For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0132	SF	1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.27	0.35
13 34 19 00-0133	SF	2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.41	0.35
13 34 19 00-0134	SF	3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.60	0.46
13 34 19 00-0135	SF	3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.84	0.46
13 34 19 00-0136	SF	6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	2.30	0.46
13 34 19 00-0137	SF	1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.54	0.35
13 34 19 00-0138	SF	2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.68	0.35
13 34 19 00-0139	SF	3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.81	0.46
13 34 19 00-0140	SF	3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	2.00	0.46
13 34 19 00-0141	SF	6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	2.39	0.46
13 34 19 00-0142	SF	1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.46	0.35
13 34 19 00-0143	SF	2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.62	0.35
13 34 19 00-0144	SF	3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.92	0.46
13 34 19 00-0145	SF	3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	2.11	0.46
13 34 19 00-0146	SF	6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	2.47	0.46
13 34 19 00-0147	SF	2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.36	0.35
13 34 19 00-0148	SF	3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.44	0.35
13 34 19 00-0149	SF	4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.62	0.46
13 34 19 00-0150	SF	6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	2.01	0.46
13 34 19 00-0151	SF	2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.37	0.35
13 34 19 00-0152	SF	3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.46	0.35
13 34 19 00-0153	SF	4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.65	0.46
13 34 19 00-0154	SF	6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	2.06	0.46
13 34 19 00-0155	SF	2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.82	0.35
13 34 19 00-0156	SF	3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.94	0.35
13 34 19 00-0157	SF	4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.13	0.46
13 34 19 00-0158	SF	6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.54	0.46

13 34 19 00-0159 Eave And Overhang Options For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0160	LF	2' End Wall Roof Overhang And 26 Gauge Soffit	46.81	9.56
13 34 19 00-0161	LF	4' End Wall Roof Overhang And 26 Gauge Soffit	70.80	6.86
13 34 19 00-0162	SF	Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy	95.75	15.32
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*22.41*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*12.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0163	SF	>20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy Note: Up to 7' projection from wall. Includes finished underside and edges.	80.00	12.87
		For End Braced (Up To 16' Wall Projection), Add	*18.71*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*10.71*	
13 34 19 00-0164	SF	>50 SF, Prefinished Aluminum, Wall Hung Canopy Note: Up to 7' projection from wall. Includes finished underside and edges.	60.69	11.03
		For End Braced (Up To 16' Wall Projection), Add	*14.07*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*8.00*	
13 34 19 00-0165	SF	Up To 50 SF, Prefinished Aluminum, Free Standing Canopy Note: Includes finished underside and edges.	116.96	23.28
13 34 19 00-0166	SF	>50 SF, Prefinished Aluminum, Free Standing Canopy Note: Includes finished underside and edges.	78.57	14.10
13 34 19 00-0167	LF	1' Standard Eave Overhang Without Soffit	41.19	
13 34 19 00-0168	LF	2' Standard Eave Overhang Without Soffit	51.52	
13 34 19 00-0169	LF	3' Standard Eave Overhang Without Soffit	62.12	
13 34 19 00-0170	LF	4' Standard Eave Overhang Without Soffit	72.59	
13 34 19 00-0171	LF	6' Standard Eave Overhang Without Soffit	92.91	
13 34 19 00-0172	LF	1' Standard Eave Overhang And 26 Gauge Soffit	54.78	
		For 24 Gauge, Add	*5.87*	
13 34 19 00-0173	LF	2' Standard Eave Overhang And 26 Gauge Soffit	68.44	
		For 24 Gauge, Add	*7.40*	
13 34 19 00-0174	LF	3' Standard Eave Overhang And 26 Gauge Soffit	82.36	
		For 24 Gauge, Add	*8.86*	
13 34 19 00-0175	LF	4' Standard Eave Overhang And 26 Gauge Soffit	96.28	
		For 24 Gauge, Add	*10.33*	
13 34 19 00-0176	LF	6' Standard Eave Overhang And 26 Gauge Soffit	123.01	
		For 24 Gauge, Add	*13.31*	

13 34 19 00-0177 Louvers And Vents For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0178	EA	4' x 3' Fixed Louver	731.75	191.19
13 34 19 00-0179	EA	12" Rotary Vent With Damper	443.77	122.55
13 34 19 00-0180	EA	20" Rotary Vent With Damper	785.99	163.61
13 34 19 00-0181	EA	24" Rotary Vent With Damper	1,043.67	183.84
13 34 19 00-0182	EA	Gravity Ridge Ventilator With Bird Screen, 9" Throat x 10'	1,193.84	245.11
13 34 19 00-0183	EA	Gravity Ridge Ventilator With Bird Screen, 12" Throat x 10'	1,273.92	245.11
13 34 19 00-0184	EA	Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Bird Screen	1,483.54	245.11
13 34 19 00-0185	EA	Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Bird Screen	1,621.50	245.11
13 34 19 00-0186	EA	Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Bird Screen	1,773.26	245.11
13 34 19 00-0187	EA	Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Bird Screen	1,925.01	245.11
13 34 19 00-0188	EA	Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Bird Screen	2,530.42	306.39
13 34 19 00-0189	EA	Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Bird Screen	2,778.75	306.39

13 34 19 00-0190 Gutters And Downspouts For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0191	LF	Pre-Engineered Standard Type Gutter, Painted	10.77	3.07
		For Galvanized Instead Of Painted, Deduct	*-1.16*	
13 34 19 00-0192	LF	Pre-Engineered Standard Type Downspout, Painted	10.43	4.29
		For Galvanized Instead Of Painted, Deduct	*-0.46*	

13 34 23 Fabricated Structures *(13 34)*

13 34 23 13 Portable and Mobile Buildings *(13 34 23)*

13 34 23 13-0001 Prefabricated Signal, Communication Or Electrical Building *(13 34 23 13)*

Note: Complete, includes door, roof, lights and wiring, insulation, painted.

13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	464.18
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	398.21
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	318.78
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	252.20
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	225.35

13 34 23 13-0007 Temporary Trailers 1 To 6 Years Life *(13 34 23 13)*

Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.

13 34 23 13-0008	SF	Single Trailer Up To 14' x 73'	69.82	
		For Each Delivery And Set-up (Block And Level), Add	*1,503.42*	
		For Each Knock-Down And Pick-Up, Add	*1,217.51*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0009	SF	Modular Trailers, Connected	97.75	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,333.96*	
		For Each Knock-Down And Pick-Up, Add	*2,670.65*	
13 34 23 13-0010	EA	Add Per Additional Exterior Door With Frame And Hardware	1,047.29	

13 34 23 13-0011 Portable and Mobile Trailer Accessories *(13 34 23 13)*

13 34 23 13-0012 Skirting *(13 34 23 13-0011)*

Note: Includes 2" x 4" wood framing 16" on center.

13 34 23 13-0013 Vinyl Covered, Exterior Only *(13 34 23 13-0012)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0014	SF	1'-8" High Vinyl Covered Skirt	5.39	1.98
13 34 23 13-0015	SF	3' High Vinyl Covered Skirt	7.87	3.25
13 34 23 13-0016		**Fiberglass, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0017	SF	1'-8" High Fiberglass Skirt	10.06	3.72
13 34 23 13-0018	SF	3' High Fiberglass Skirt	11.64	4.54
13 34 23 13-0019		**Plywood, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	9.23	3.96
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt	10.92	4.77
13 34 23 13-0022		**Steel, Painted, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	10.65	3.72
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt	12.33	4.54
13 34 23 13-0025		**14" x 14" Access Hatch** *(13 34 23 13-0011)* Note: Simple design.		
13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	268.38	87.34
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	236.66	87.34
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	266.40	87.34
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch	268.02	87.34
13 34 23 13-0030		**Pole Anchor** *(13 34 23 13-0011)* Note: Joslyn.		
13 34 23 13-0031	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	75.58	33.53
13 34 23 13-0032	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	85.24	33.53
13 34 23 13-0033	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	113.24	37.72
13 34 23 13-0034	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	158.38	41.91
13 34 23 13-0035	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	180.77	46.11
13 34 23 13-0036	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	289.29	62.87
13 34 23 13-0037		**Aluminum Modular Access Ramp** *(13 34 23 13-0011)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
13 34 23 13-0038	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,797.94	29.09
13 34 23 13-0039	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,832.84	37.80
13 34 23 13-0040	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,899.32	58.16
13 34 23 13-0041	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	8,513.88	58.16
13 34 23 13-0042	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,986.48	37.80
13 34 23 13-0043	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,951.58	29.09
13 34 23 13-0044	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	5,519.05	37.80
13 34 23 13-0045	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,911.58	37.80
13 34 23 13-0046	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,911.58	37.80
13 34 23 13-0047	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,455.08	37.80
13 34 23 13-0048	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,994.75	37.80
13 34 23 13-0049		**Relocate Portable And Mobile Trailer** *(13 34 23 13)* Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 01 22 20 00-0091 for escort vehicle, 13 34 23 13-0012 for skirting, 13 34 23 13-0030 for anchors.		
13 34 23 13-0050	EA	Prepare, Up To 12' Wide, Single Trailer For Transportation Note: Includes securing interior, mounting tires, and mounting trailer hitch	1,058.64	
13 34 23 13-0051	EA	Separate, 24' Wide Double Trailer And Prepare For Transportation Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch.	5,145.71	
13 34 23 13-0052	EA	Remove Blocking From 8' Wide x Up To 35' Long Trailer Note: Per trailer	465.80	
13 34 23 13-0053	EA	Remove Blocking From 10' Wide x 40' To 50' Long Trailer Note: Per trailer	592.84	
13 34 23 13-0054	EA	Remove Blocking From 12' Wide x 45' To 60' Long Trailer Note: Per trailer	719.88	
13 34 23 13-0055	EA	Remove Blocking From 24' Wide x 45' To 60' Long Trailer Note: Per trailer	1,439.75	
13 34 23 13-0056	MI	Transportation And Delivery Of Trailer See CSI section 01 22 20 00-0092 for escort vehicle service (when required).	19.27	
13 34 23 13-0057	EA	Re-connect 24' Wide Double Trailer Note: Includes removal of temporary plastic and boards, caulking, installation of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0060 for blocking and leveling of each section.	9,956.26	
13 34 23 13-0058	EA	Set-up (Block And Level) Trailer, 8' Wide x Up To 35' Long Note: Per trailer	582.25	
13 34 23 13-0059	EA	Set-up (Block And Level) Trailer, 10' Wide x 40' To 50' Long Note: Per trailer	741.05	
13 34 23 13-0060	EA	Set-up (Block And Level) Trailer, 12' Wide x 45' To 60' Long Note: Per trailer	899.84	
13 34 23 13-0061	EA	Set-up (Block And Level) Trailer, 24' Wide x 45' To 60' Long Note: Per trailer	1,799.69	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0062	EA	Connection Straps To Anchor Note: Includes straps per each anchor See CSI section 13 34 23 13-0030 for anchors.	26.47	

13 34 23 14 Fabricated Classroom Buildings *(13 34 23)*

13 34 23 14-0001 Semi-Permanent Modular Transportable Buildings *(13 34 23 14)*

13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	104.03	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,333.96*	
		For Each Knock-Down And Pick-Up, Add	*2,670.65*	
13 34 23 14-0003	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	107.11	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-up (Block And Level), Add	*3,333.96*	
		For Each Knock-Down And Pick-Up, Add	*2,670.65*	

13 34 23 16 Fabricated Control Booths *(13 34 23)*

13 34 23 16-0001 Fabricated Parking Attendant Booths *(13 34 23 16)*

Note: Excludes foundations and slab.

13 34 23 16-0002	EA	Parking Booth For Attendant	2,037.33	

13 34 23 31 Fabricated Pavilion Style Buildings *(13 34 23)*

13 34 23 31-0001 Pavilion Style Metal Shelter Structures *(13 34 23 31)*

Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.

13 34 23 31-0002	EA	12' x 12' Pavilion Style Metal Shelter Structure	13,202.19	3,269.79
		For >90 To 100 MPH Wind Load, Add	*1,122.19*	
		For >100 To 110 MPH Wind Load, Add	*1,287.21*	
		For >110 To 120 MPH Wind Load, Add	*1,650.27*	
		For >8' To 10' Height At Perimeter, Add	*863.72*	
		For >10' To 12' Height At Perimeter, Add	*1,610.47*	
		For >12' To 14' Height At Perimeter, Add	*2,481.71*	
13 34 23 31-0003	EA	16' x 16' Pavilion Style Metal Shelter Structure	15,589.53	3,596.77
		For >90 To 100 MPH Wind Load, Add	*1,325.11*	
		For >100 To 110 MPH Wind Load, Add	*1,519.98*	
		For >110 To 120 MPH Wind Load, Add	*1,948.69*	
		For >8' To 10' Height At Perimeter, Add	*998.11*	
		For >10' To 12' Height At Perimeter, Add	*1,846.21*	
		For >12' To 14' Height At Perimeter, Add	*2,847.26*	
13 34 23 31-0004	EA	16' x 32' Pavilion Style Metal Shelter Structure	19,636.89	3,923.75
		For >90 To 100 MPH Wind Load, Add	*1,669.14*	
		For >100 To 110 MPH Wind Load, Add	*1,914.60*	
		For >110 To 120 MPH Wind Load, Add	*2,454.61*	
		For >8' To 10' Height At Perimeter, Add	*1,207.21*	
		For >10' To 12' Height At Perimeter, Add	*2,198.16*	
		For >12' To 14' Height At Perimeter, Add	*3,395.42*	
13 34 23 31-0005	EA	20' x 20' Pavilion Style Metal Shelter Structure	18,504.48	3,801.19
		For >90 To 100 MPH Wind Load, Add	*1,572.88*	
		For >100 To 110 MPH Wind Load, Add	*1,804.19*	
		For >110 To 120 MPH Wind Load, Add	*2,313.06*	
		For >8' To 10' Height At Perimeter, Add	*1,146.14*	
		For >10' To 12' Height At Perimeter, Add	*2,093.15*	
		For >12' To 14' Height At Perimeter, Add	*3,232.25*	
13 34 23 31-0006	EA	20' x 30' Pavilion Style Metal Shelter Structure	22,490.55	4,087.24
		For >90 To 100 MPH Wind Load, Add	*1,911.70*	
		For >100 To 110 MPH Wind Load, Add	*2,192.83*	
		For >110 To 120 MPH Wind Load, Add	*2,811.32*	
		For >8' To 10' Height At Perimeter, Add	*1,349.10*	
		For >10' To 12' Height At Perimeter, Add	*2,432.23*	
		For >12' To 14' Height At Perimeter, Add	*3,760.80*	
13 34 23 31-0007	EA	20' x 40' Pavilion Style Metal Shelter Structure	26,591.20	4,291.66
		For >90 To 100 MPH Wind Load, Add	*2,260.25*	
		For >100 To 110 MPH Wind Load, Add	*2,592.64*	
		For >110 To 120 MPH Wind Load, Add	*3,323.90*	
		For >8' To 10' Height At Perimeter, Add	*1,550.48*	
		For >10' To 12' Height At Perimeter, Add	*2,762.17*	
		For >12' To 14' Height At Perimeter, Add	*4,276.21*	
13 34 23 31-0008	EA	24' x 24' Pavilion Style Metal Shelter Structure	22,245.44	3,923.75
		For >90 To 100 MPH Wind Load, Add	*1,890.86*	
		For >100 To 110 MPH Wind Load, Add	*2,168.93*	
		For >110 To 120 MPH Wind Load, Add	*2,780.68*	
		For >8' To 10' Height At Perimeter, Add	*1,324.59*	
		For >10' To 12' Height At Perimeter, Add	*2,380.76*	
		For >12' To 14' Height At Perimeter, Add	*3,682.36*	
13 34 23 31-0009	EA	24' x 48' Pavilion Style Metal Shelter Structure	30,577.28	4,577.70
		For >90 To 100 MPH Wind Load, Add	*2,599.07*	
		For >100 To 110 MPH Wind Load, Add	*2,981.28*	
		For >110 To 120 MPH Wind Load, Add	*3,822.16*	
		For >8' To 10' Height At Perimeter, Add	*1,753.45*	
		For >10' To 12' Height At Perimeter, Add	*3,101.25*	
		For >12' To 14' Height At Perimeter, Add	*4,804.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 31-0010	EA	30' x 30' Pavilion Style Metal Shelter Structure	29,720.38	4,741.19
		For >90 To 100 MPH Wind Load, Add	*2,526.23*	
		For >100 To 110 MPH Wind Load, Add	*2,897.74*	
		For >110 To 120 MPH Wind Load, Add	*3,715.05*	
		For >8' To 10' Height At Perimeter, Add	*1,728.37*	
		For >10' To 12' Height At Perimeter, Add	*3,075.58*	
		For >12' To 14' Height At Perimeter, Add	*4,761.97*	
13 34 23 31-0011	EA	30' x 60' Pavilion Style Metal Shelter Structure	56,485.27	5,310.96
		For >90 To 100 MPH Wind Load, Add	*4,801.25*	
		For >100 To 110 MPH Wind Load, Add	*5,507.31*	
		For >110 To 120 MPH Wind Load, Add	*7,060.66*	
		For >8' To 10' Height At Perimeter, Add	*2,979.97*	
		For >10' To 12' Height At Perimeter, Add	*5,069.23*	
		For >12' To 14' Height At Perimeter, Add	*7,886.26*	
13 34 23 31-0012	EA	40' x 40' Pavilion Style Metal Shelter Structure	51,788.48	5,885.62
		For >90 To 100 MPH Wind Load, Add	*4,402.02*	
		For >100 To 110 MPH Wind Load, Add	*5,049.38*	
		For >110 To 120 MPH Wind Load, Add	*6,473.56*	
		For >8' To 10' Height At Perimeter, Add	*2,815.80*	
		For >10' To 12' Height At Perimeter, Add	*4,860.56*	
		For >12' To 14' Height At Perimeter, Add	*7,549.78*	
13 34 23 31-0013	EA	40' x 60' Pavilion Style Metal Shelter Structure	74,496.66	6,539.57
		For >90 To 100 MPH Wind Load, Add	*6,332.22*	
		For >100 To 110 MPH Wind Load, Add	*7,263.42*	
		For >110 To 120 MPH Wind Load, Add	*9,312.08*	
		For >8' To 10' Height At Perimeter, Add	*3,891.60*	
		For >10' To 12' Height At Perimeter, Add	*6,587.39*	
		For >12' To 14' Height At Perimeter, Add	*10,253.57*	

13 40 Integrated Construction *(13)*

13 42 Building Modules *(13 40)*

13 42 63 Detention Cell Modules *(13 42)*

13 42 63 16 Steel Detention Cell Modules *(13 42 63)*

13 42 63 16-0001	EA	Bar Front, Rolling, 7/8" Bars, 4" On Center, 7' High, 5' Wide Note: With hardware.	13,326.35	931.29
13 42 63 16-0002	EA	Cells, Prefabricated, 5'-6' Wide, 7'-8' High, Bar Front, Cot Note: Not including plumbing.	27,475.29	1,247.02
13 42 63 16-0003	SF	Temporary Holding Cell, 1/4" Woven Rod Panels On 2" Centers Note: Includes 12 gauge steel frame and concealment plates.	117.78	8.83
13 42 63 16-0004	SF	Solid Security Ceiling, 14 Gauge Formed Steel Channels Note: 20" wide, 14 gauge galvannealed steel face sheet, 10 gauge steel wall angle, backed polyester powder finish.	89.10	8.83
13 42 63 16-0005	SF	Perforated Metal Crime Shield	84.37	3.65

13 46 Lightning Protection Systems *(13 40)*

13 46 13 Lightning Protection for Structures *(13 46)*

13 46 13 00-0001 Lightning Protection *(13 46 13)*
See CSI section 26 05 26 00-0001 for conductors.

13 46 13 00-0002 Air Terminals For Lightning Protection *(13 46 13 00-0001)*

13 46 13 00-0003 Copper Lightning Protection Air Terminals *(13 46 13 00-0002)*

13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	73.31	11.50
13 46 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	90.90	11.50
13 46 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	119.00	11.50
13 46 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	132.23	11.50
13 46 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	258.05	22.99

13 46 13 00-0009 Aluminum Lightning Protection Air Terminals *(13 46 13 00-0002)*

13 46 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	40.02	11.50
13 46 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	51.64	11.50
13 46 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	63.17	11.50
13 46 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	70.59	11.50
13 46 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	131.18	22.99

13 46 13 00-0015 Terminal Bases For Lightning Protection *(13 46 13 00-0001)*

13 46 13 00-0016 Copper Lightning Protection Terminal Bases *(13 46 13 00-0015)*

13 46 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	94.36	34.49
13 46 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	122.30	45.98
13 46 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	166.30	57.48
13 46 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	122.30	45.98
13 46 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	131.39	45.98
13 46 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	231.75	91.96
13 46 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	163.92	57.48
13 46 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	94.36	34.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0025		Aluminum Lightning Protection Terminal Bases *(13 46 13 00-0015)*		
13 46 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	73.22	34.49
13 46 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	108.18	45.98
13 46 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	140.36	57.48
13 46 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	108.35	45.98
13 46 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	110.77	45.98
13 46 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	204.59	91.96
13 46 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	144.68	57.48
13 46 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	73.22	34.49
13 46 13 00-0034		Connectors *(13 46 13 00-0001)*		
13 46 13 00-0035		Copper Cable Connectors *(13 46 13 00-0034)*		
13 46 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	190.37	57.48
13 46 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	256.31	91.96
13 46 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	167.96	57.48
13 46 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	41.03	11.50
13 46 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	42.49	11.50
13 46 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	128.47	34.49
13 46 13 00-0042		Aluminum Cable Connectors *(13 46 13 00-0034)*		
13 46 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	147.80	57.48
13 46 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	214.53	91.96
13 46 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	142.61	57.48
13 46 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	31.24	11.50
13 46 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	92.94	34.49
13 46 13 00-0048		Bonding Plates *(13 46 13 00-0001)*		
13 46 13 00-0049		Copper Bonding Plates *(13 46 13 00-0048)*		
13 46 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	146.31	57.48
13 46 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	151.86	57.48
13 46 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	222.86	91.96
13 46 13 00-0053		Aluminum Bonding Plates *(13 46 13 00-0048)*		
13 46 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	131.38	57.48
13 46 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	134.14	57.48
13 46 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	197.51	91.96
13 46 13 00-0057		Cable Supports *(13 46 13 00-0001)*		
13 46 13 00-0058		Copper Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System	27.98	11.50
13 46 13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	29.03	11.50
13 46 13 00-0061		Aluminum Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	25.97	11.50
13 46 13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System	25.79	11.50
13 46 13 00-0064		Bonding Straps *(13 46 13 00-0001)*		
13 46 13 00-0065		Copper Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	77.67	34.49
13 46 13 00-0067		Aluminum Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	67.34	34.49
13 46 13 00-0069		Accessories For Lightning Protection *(13 46 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46 13 00-0070		Copper Adapters *(13 46 13 00-0069)*		
13 46 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	31.99	5.75
13 46 13 00-0072		Aluminum Adapters *(13 46 13 00-0069)*		
13 46 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	21.69	5.75
13 46 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	180.74	57.48

13 47 Facility Protection *(13 40)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 47 13		**Cathodic Protection** *(13 47)*		
13 47 13 13		**Cathodic Protection for Underground and Submerged Piping** *(13 47 13)*		
13 47 13 13-0001		Cathodic Joint Bond *(13 47 13 13)*		
		Note: Includes thermite welds with #4 or #6 AWG copper cable as indication per standard details.		
13 47 13 13-0002	EA	Cathodic Pipe Joint Bond	229.39	
13 47 13 13-0003	EA	Cathodic Fitting Joint Bond	402.20	
13 47 13 13-0004	EA	Cathodic Valve Joint Bond	344.61	
13 47 13 13-0005	EA	Cathodic Vault Joint Bond	287.00	
13 47 13 13-0006	EA	Cathodic Fire Hydrant Joint Bond	229.39	
13 47 13 13-0007		Anodes *(13 47 13 13)*		
13 47 13 13-0008		Magnesium Type, Conventional *(13 47 13 13-0007)*		
13 47 13 13-0009	EA	9 Lb. Magnesium Type Anodes	382.22	164.98
13 47 13 13-0010	EA	17 Lb. Magnesium Type Anodes	568.40	238.45
13 47 13 13-0011	EA	32 Lb. Magnesium Type Anode	779.93	306.76
13 47 13 13-0012	EA	48 Lb. Magnesium Type Anode	1,112.02	429.21
13 47 13 13-0013		Graphite Type *(13 47 13 13-0007)*		
		Note: Includes epoxy cap.		
13 47 13 13-0014	EA	3" x 60", 32 Lb., Graphite Type Anodes With Epoxy Cap	577.96	233.19
13 47 13 13-0015	EA	4" x 80", 68 Lb., Graphite Type Anodes With Epoxy Cap	908.86	325.62
13 47 13 13-0016	EA	6" x 36", 45 Lb., Graphite Type Anodes With Epoxy Cap	693.29	203.78
13 47 13 13-0017	EA	6" x 72", 80 Lb., Graphite Type Anodes With Epoxy Cap	1,071.58	272.05
13 47 13 13-0018		Rectifiers *(13 47 13 13)*		
13 47 13 13-0019		Air-Cooled, Silicon Type *(13 47 13 13-0018)*		
13 47 13 13-0020	EA	Air-Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type	2,153.17	331.07
13 47 13 13-0021	EA	Air-Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type	2,339.18	331.07
13 47 13 13-0022		Oil Immersed, Silicon Type *(13 47 13 13-0018)*		
13 47 13 13-0023	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type	3,288.57	382.80
13 47 13 13-0024	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type	3,487.86	382.80
13 47 13 13-0025		Anode Backfill *(13 47 13 13)*		
13 47 13 13-0026	LB	Anode Backfill, Coke Breeze	1.12	0.42
13 47 13 13-0027		Cathodic Protection Cable *(13 47 13 13)*		
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2 - No 8	2,265.86	815.09
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2 - No 6	2,547.76	815.09
13 47 13 13-0030	MLF	Cathodic Protection Cable, OR2 - No 4	2,970.60	815.09
13 47 13 13-0031	MLF	Cathodic Protection Cable, OR2 - No 2	3,675.34	815.09
13 47 13 13-0032	MLF	Cathodic Protection Cable, OR2 - No 1	4,611.93	898.08
13 47 13 13-0033	MLF	Cathodic Protection Cable, OR2-No 1/0	5,140.49	898.08
13 47 13 13-0034	MLF	Cathodic Protection Cable, OR2-No 2/0	6,021.42	898.08
13 47 13 13-0035	MLF	Cathodic Protection Cable, OR2-No 4/0	8,296.69	978.96
13 47 13 13-0036		Cathodic Test Stations *(13 47 13 13)*		
13 47 13 13-0037		Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0036)*		
13 47 13 13-0038	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	302.44	95.41
13 47 13 16		**Cathodic Protection for Underground Storage Tanks** *(13 47 13)*		
		See CSI section 13 47 13 13-0000 for Cathodic protection for tanks.		
13 48		**Sound, Vibration, and Seismic Control** *(13 40)*		
13 48 53		**Manufactured Seismic Control Components** *(13 48)*		
13 48 53 00-0001		Seismic Bracing Assembly *(13 48 53)*		
13 48 53 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace	166.96	
		Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.		
13 48 53 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener	166.58	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 53 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener	249.47	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 53 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener	323.64	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 53 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener	339.40	
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 53 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener	504.33	
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 53 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	669.26	
13 48 53 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	200.71	
13 48 53 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	296.29	
13 48 53 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	391.88	

13 48 53 00-0012 Seismic Brace Components *(13 48 53)*

13 48 53 00-0013	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1) Note: To be used with 7x19 stranded cable.	34.48	
13 48 53 00-0014	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2) Note: To be used with 7x19 stranded cable.	48.09	
13 48 53 00-0015	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3) Note: To be used with 7x19 stranded cable.	64.44	
13 48 53 00-0016	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4) Note: To be used with 7x19 stranded cable.	88.93	
13 48 53 00-0017	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-1) Note: To be used with angle or channel.	32.25	
13 48 53 00-0018	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-2) Note: To be used with angle or channel.	44.24	
13 48 53 00-0019	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-3) Note: To be used with angle or channel.	58.79	
13 48 53 00-0020	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-4) Note: To be used with angle or channel.	80.20	
13 48 53 00-0021	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1) Note: To be used with 7x19 stranded cable.	39.53	
13 48 53 00-0022	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2) Note: To be used with 7x19 stranded cable.	52.80	
13 48 53 00-0023	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3) Note: To be used with 7x19 stranded cable.	74.20	
13 48 53 00-0024	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	70.78	
13 48 53 00-0025	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	100.31	
13 48 53 00-0026	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	137.56	
13 48 53 00-0027	EA	Seismic Rod Clamp (Mason SRC-1) Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	29.63	
13 48 53 00-0028	EA	Seismic Rod Clamp (Mason SRC-1 1/2) Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	36.48	
13 48 53 00-0029	EA	Seismic Rod Clamp (Mason SRC-2) Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	45.89	

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Restraints *(13 48 63)*

13 48 63 00-0002	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	5.46	1.15
13 48 63 00-0003	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	4.30	0.58
13 48 63 00-0004	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	7.15	1.44
13 48 63 00-0005	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	5.49	0.72
13 48 63 00-0006	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	6.96	0.84
13 48 63 00-0007	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	11.80	1.02
13 48 63 00-0008	LF	3/4" Wide Seismic Strap, Gray	4.92	0.87
13 48 63 00-0009	LF	1" Wide Seismic Strap, Gray	7.32	0.87
13 48 63 00-0010	EA	3/4" Wide x 4" Long Seismic Strap, Gray	2.33	0.58
13 48 63 00-0011	EA	3/4" Wide x 12" Long Seismic Strap, Gray	10.73	1.73
13 48 63 00-0012	LF	Seismic Chord, Black	2.88	0.87
13 48 63 00-0013	LF	SAFELOK Seismic Fastener, Black	3.88	0.87

13 48 63 00-0014 ISAT Seismic Restraint Kits *(13 48 63)*

Note: Pipe/Conduit restraint kit includes hanger, pipe clamp, channel, threaded rod, washers, nuts, bracket, brace arm and deck anchors. Trapeze rack restraint kits include Unistrut, channel, threaded rod, washers, nuts, bracket, brace arm and deck anchors.

13 48 63 00-0015 Trapeze Rack Restraints *(13 48 63 00-0014)*

13 48 63 00-0016	EA	1-Way Rigid Seismic Brace, ISAT Kit Number 1R3-N4-TR	242.93
13 48 63 00-0017	EA	3-Way Rigid Seismic Brace, ISAT Kit Number 3R3-N4-TR	533.57
13 48 63 00-0018	EA	4-Way Rigid Seismic Brace, ISAT Kit Number 4R3-N4-TR	674.49
13 48 63 00-0019	EA	2-Way Rigid Seismic Brace, ISAT Kit Number 2R7-N5-TR	392.64
13 48 63 00-0020	EA	2-Way Rigid Seismic Brace, ISAT Kit Number 2R7-N7-TR	397.86
13 48 63 00-0021	EA	1-Way Rigid Seismic Brace, ISAT Kit Number 1R7-N4-TR	242.93
13 48 63 00-0022	EA	4-Way Rigid Seismic Brace, ISAT Kit Number 4R10-N8-TR	684.94
13 48 63 00-0023	EA	3-Way Rigid Seismic Brace, ISAT Kit Number 3R7-N4-TR	533.57

13 48 63 00-0024 Single Hung Pipe Restraints *(13 48 63 00-0014)*

13 48 63 00-0025	EA	1-Way Rigid Seismic Brace For 1" Diameter Pipe, ISAT Kit Number 1R1-N4-1"-SH	212.55
13 48 63 00-0026	EA	2-Way Rigid Seismic Brace For 1" Diameter Pipe, ISAT Kit Number 1R1-N4-1"-SH	340.21

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0027	EA	1-Way Rigid Seismic Brace For 1.25" Diameter Pipe, ISAT Kit Number 1R1-N4-1.25"-SH	225.66	
13 48 63 00-0028	EA	2-Way Rigid Seismic Brace For 1.25" Diameter Pipe, ISAT Kit Number 1R1-N4-1.25"-SH	353.32	
13 48 63 00-0029	EA	1-Way Rigid Seismic Brace For 1.5" Diameter Pipe, ISAT Kit Number 1R1-N4-1.5"-SH	237.30	
13 48 63 00-0030	EA	2-Way Rigid Seismic Brace For 1.5" Diameter Pipe, ISAT Kit Number 1R1-N4-1.5"-SH	364.97	
13 48 63 00-0031	EA	1-Way Rigid Seismic Brace For 2" Diameter Pipe, ISAT Kit Number 1R1-N4-2"-SH	251.47	
13 48 63 00-0032	EA	2-Way Rigid Seismic Brace For 2" Diameter Pipe, ISAT Kit Number 1R1-N4-2"-SH	379.13	
13 48 63 00-0033	EA	1-Way Rigid Seismic Brace For 2.5" Diameter Pipe, ISAT Kit Number 1R3-N4-2.5"-SH	270.36	
13 48 63 00-0034	EA	2-Way Rigid Seismic Brace For 2.5" Diameter Pipe, ISAT Kit Number 2R3-N4-2.5"-SH	398.01	
13 48 63 00-0035	EA	1-Way Rigid Seismic Brace For 3" Diameter Pipe, ISAT Kit Number 1R3-N4-3"-SH	284.00	
13 48 63 00-0036	EA	2-Way Rigid Seismic Brace For 3" Diameter Pipe, ISAT Kit Number 2R3-N4-3"-SH	411.67	
13 48 63 00-0037	EA	1-Way Rigid Seismic Brace For 4" Diameter Pipe, ISAT Kit Number 1R7-N4-4"-SH	307.81	
13 48 63 00-0038	EA	1-Way Rigid Seismic Brace For 4" Diameter Pipe, ISAT Kit Number 1R7-N7-4"-SH	310.42	
13 48 63 00-0039	EA	2-Way Rigid Seismic Brace For 4" Diameter Pipe, ISAT Kit Number 2R7-N7-4"-SH	440.69	
13 48 63 00-0040	EA	1-Way Rigid Seismic Brace For 6" Diameter Pipe, ISAT Kit Number 1R11-N7-6"-SH	358.34	
13 48 63 00-0041	EA	1-Way Rigid Seismic Brace For 6" Diameter Pipe, ISAT Kit Number 1R11-N8-6"-SH	360.96	
13 48 63 00-0042	EA	2-Way Rigid Seismic Brace For 6" Diameter Pipe, ISAT Kit Number 2R11-N8-6"-SH	491.23	
13 48 63 00-0043	EA	1-Way Rigid Seismic Brace For 8" Diameter Pipe, ISAT Kit Number 1R17-N5-8"-SH	386.56	
13 48 63 00-0044	EA	1-Way Rigid Seismic Brace For 8" Diameter Pipe, ISAT Kit Number 1R19-N8-8"-SH	389.18	
13 48 63 00-0045	EA	2-Way Rigid Seismic Brace For 8" Diameter Pipe, ISAT Kit Number 2R19-N8-8"-SH	519.45	
13 48 63 00-0046		Single Hung Cast Iron Pipe Restraints *(13 48 63 00-0014)*		
13 48 63 00-0047	EA	1-Way Rigid Seismic Brace For 2.5" Diameter Pipe, ISAT Kit Number 1R3-N4-2.5"-CI	270.36	
13 48 63 00-0048	EA	2-Way Rigid Seismic Brace For 2.5" Diameter Pipe, ISAT Kit Number 2R3-N4-2.5"-CI	398.01	
13 48 63 00-0049	EA	1-Way Rigid Seismic Brace For 3" Diameter Pipe, ISAT Kit Number 1R3-N4-3"-CI	284.00	
13 48 63 00-0050	EA	2-Way Rigid Seismic Brace For 3" Diameter Pipe, ISAT Kit Number 2R3-N4-3"-CI	411.67	
13 48 63 00-0051	EA	1-Way Rigid Seismic Brace For 4" Diameter Pipe, ISAT Kit Number 1R7-N4-4"-CI	307.81	
13 48 63 00-0052	EA	2-Way Rigid Seismic Brace For 4" Diameter Pipe, ISAT Kit Number 2R7-N4-4"-CI	432.97	
13 48 63 00-0053	EA	1-Way Rigid Seismic Brace For 6" Diameter Pipe, ISAT Kit Number 1R11-N4-6"-CI	358.34	
13 48 63 00-0054	EA	2-Way Rigid Seismic Brace For 6" Diameter Pipe, ISAT Kit Number 2R11-N4-6"-SH	491.23	
13 48 63 00-0055		Single Hung Rigid Conduit Restraints *(13 48 63 00-0014)*		
13 48 63 00-0056	EA	1-Way Rigid Seismic Brace For 3" Conduit, ISAT Kit Number 1R3-N4-3"-SC	284.00	
13 48 63 00-0057	EA	2-Way Rigid Seismic Brace For 3" Conduit, ISAT Kit Number 2R3-N4-3"-SC	411.67	

13 49 Radiation Protection *(13 40)*

13 49 13 Integrated X-Ray Shielding Assemblies *(13 49)*

13 49 13 00-0001 Lead Shielding *(13 49 13)*
See CSI section 09 29 10 00-0036 for finishing tasks.

13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	45.03	6.93
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	77.36	7.51
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	138.80	8.08
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	265.98	10.39

13 49 16 Modular X-Ray Shielding Rooms *(13 49)*

13 49 16 00-0001 X-Ray Barriers, Modular *(13 49 16)*
Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

13 49 16 00-0002 36" Wide x 84" High, 1-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*

13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	9,416.85	153.28
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	10,000.85	153.28
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	10,295.75	183.93
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	10,996.55	183.93
13 49 16 00-0007		72" Wide x 84" High, 2-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*		
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	20,229.47	245.24
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	21,047.06	245.24
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	21,692.42	275.90
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	23,388.86	306.55
13 49 16 00-0012		108" Wide x 84" High, 3-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*		
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	30,747.18	306.55
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	32,265.56	306.55
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	32,972.17	367.86
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	35,369.36	398.52

13 49 16 00-0017 X-Ray Barriers, Mobile *(13 49 16)*
Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.

13 49 16 00-0018 30" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)*
Note: Includes Framework

13 49 16 00-0019	EA	24" H Upper With 0.5mm LE, 48" H Lower With 0.8mm LE Mobile X-Ray Barriers	6,481.67	28.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 16 00-0020		48" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)* Note: Includes Framework		
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	11,504.02	28.87
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	13,839.99	28.87
13 49 16 00-0023		72" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)* Note: Includes Framework		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	13,606.39	28.87
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	17,227.16	28.87
13 49 19		**Lead-Lined Materials** *(13 49)*		
13 49 19 16		**Lead-Lined Drywall** *(13 49 19)*		
13 49 19 16-0001		Lead Lined Drywall *(13 49 19 16)* See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	25.73	1.52
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	44.82	1.81
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	81.48	2.18

END OF SECTION 13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	562.56	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	750.07	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	468.80	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	468.80	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	281.27	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	183.15	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	228.94	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,336.15	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,670.19	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	668.08	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,503.18	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	1,002.12	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,338.27	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,672.31	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,004.23	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,505.29	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,336.15	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	2,188.16	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,461.68	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	2,188.16	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	2,188.16	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	2,188.16	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	40,045.22	8,282.13
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*9,536.90*	
		For An Additional Stop, Add *Note: Includes Removal.*	*10,103.27*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	43,255.95	10,007.57
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*9,633.73*	
		For An Additional Stop, Add *Note: Includes Removal.*	*10,727.64*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	51,849.76	11,387.92
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*11,182.93*	
		For An Additional Stop, Add *Note: Includes Removal.*	*13,764.70*	
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	5,379.64	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	76.57	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	843.01	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	4,273.11	690.18
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,582.94	690.18
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes build back.	7,705.79	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes build back.	8,480.39	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes build back.	8,203.47	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes build back.	8,978.07	
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	88.21	19.72
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	74.46	19.72
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	14.29	2.59
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,394.15	517.63
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	20,457.27	2,890.12
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,615.85	690.18
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	449.12	172.55
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	432.23	345.09
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	615.32	301.95
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	2,850.17	690.18
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	613.55	319.20
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	432.23	345.09
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	678.17	345.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0050	EA	Fire Service Key Switch Controller	3,832.75	690.18
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,066.63	345.09
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	7,812.66	1,380.35
14 01 20 71-0053	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	8,498.18	1,380.35
14 01 20 71-0054	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,589.12	345.09
14 01 20 71-0055	EA	Car Operating Panel (ADA, Fire, Position, Chime)	8,788.66	1,380.35
14 01 20 71-0056	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	1,997.32	345.09
14 01 20 71-0057	EA	Car Traveling Lanterns With Audible Signal	1,674.31	345.09
14 01 20 71-0058	EA	Hoistway Door Jamb Floor Tags (Braille)	242.26	172.55
14 01 20 71-0059	EA	Lobby Vandal Resistant Call Station	1,567.81	345.09
14 01 20 71-0060	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.	22.39	
14 01 20 71-0061	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.	5,521.42	2,760.71
14 01 20 71-0062	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.74	
14 01 20 71-0063	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	6,675.92	690.18
14 01 20 71-0064	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	9,774.32	690.18
14 01 20 71-0065	EA	Removal And Replacement Of Governor	5,594.96	690.18
14 01 20 71-0066	EA	Removal And Replacement Of Car Station	8,788.66	1,380.35
14 01 20 71-0067	EA	Removal And Replacement Of Telephone	1,819.55	345.09
14 01 20 71-0068	EA	Removal And Replacement Of Hall Lanterns	1,367.96	345.09
14 01 20 71-0069	EA	Hall Call Buttons, Vandal Resistant	818.66	345.09
14 01 20 71-0070	EA	Hall Traveling Lanterns With Audible Signal	1,713.05	345.09
14 01 20 71-0071	EA	Add Raised Character (Braille) Signage To Control Panel	195.21	172.55
14 01 20 71-0072	EA	New Microprocessor Based Controller (Non-Proprietary)	48,754.98	5,521.42
14 01 20 71-0073	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	27,647.13	5,521.42
14 01 20 71-0074	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	42,851.04	5,521.42
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	3,348.62	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	3,561.63	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	3,795.95	
14 01 20 71-0078	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel	4,051.57	
14 01 20 71-0079	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	3,135.61	345.09
14 01 20 71-0080	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	53,357.75	5,521.42
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	126.84	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	135.28	
14 01 20 71-0083	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	141.08	
14 01 20 71-0084	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	9,870.75	690.18
14 01 20 71-0085	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,813.38	690.18
14 01 20 71-0086	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,910.21	690.18
14 01 20 71-0087	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,007.03	690.18
14 01 20 71-0088	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,123.22	690.18
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	8,848.28	690.18
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	8,848.28	690.18
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	12,721.28	690.18
14 01 20 71-0092	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	14,657.78	690.18
14 01 20 71-0093	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	5,659.17	174.65
14 01 20 71-0094	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	5,902.85	209.58
14 01 20 71-0095	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	7,868.42	244.51
14 01 20 71-0096	EA	Aluminum Handrail Spacers With Set Screw	212.77	172.55
14 01 20 71-0097	EA	Bronze Handrail Spacers With Set Screw	218.14	172.55
14 01 20 71-0098	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	151.88	40.60
14 01 20 71-0099	LF	3/8" x 2" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	145.57	40.60
14 01 20 71-0100	LF	3/8" x 3" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	175.08	40.60
14 01 20 71-0101	LF	3/8" x 2" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	195.07	40.60
14 01 20 71-0102	LF	3/8" x 3" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	224.81	40.60
14 01 20 71-0103	LF	3/8" x 2" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	178.80	40.60
14 01 20 71-0104	LF	3/8" x 3" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	205.06	40.60
14 01 20 71-0105	LF	3/8" x 2" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail, Mirror Finish	325.55	40.60
14 01 20 71-0106	LF	3/8" x 3" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail	367.22	40.60
14 01 20 71-0107	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	144.56	40.60
14 01 20 71-0108	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Tubular Stainless Steel Elevator Handrail	146.17	40.60
14 01 20 71-0109	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	189.80	40.60
14 01 20 71-0110	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	176.94	40.60
14 01 20 71-0111	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	190.65	40.60
14 01 20 71-0112	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	241.79	40.60
14 01 20 71-0113	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Tubular Bronze Steel Elevator Handrail	183.45	40.60
14 01 20 71-0114	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Bronze Steel Elevator Handrail	187.86	40.60
14 01 20 71-0115	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish Bronze Steel Elevator Handrail	322.41	40.60
14 01 20 71-0116	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Bronze Steel Elevator Handrail	207.61	40.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0117	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	323.26	40.60
14 01 20 71-0118	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	367.22	40.60

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	806.88
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	183.15
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	4,437.85

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	2,070.80
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	2,220.11
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,330.09
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,513.64
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	193.98

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	342,133.18
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*1,563.04*
		For Class "C-2" Loading, Add	*1,876.40*
		For Class "C-3" Loading, Add	*2,566.92*
		For Removal Of Existing Stop, Add	*8,874.81*
		For Each Additional Stop, Add	*35,321.82*
		For Each Floor < 6 Stops, Deduct	*-30,640.24*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*44,374.04*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	362,988.00
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Removal Of Existing Stop, Add	*8,874.81*
		For Each Additional Stop, Add	*35,321.82*
		For Each Floor < 6 Stops, Deduct	*-30,640.24*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*44,374.04*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 Lb. x 200 FPM, 6 Stops, 6 Openings	385,229.93
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*
		For Stainless Steel Cab Interior, Add	*8,443.80*
		For Removal Of Existing Stop, Add	*8,874.81*
		For Each Additional Stop, Add	*36,260.02*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Each Opening With Bonderized Steel Door, Add	*281.46*
		For Each Opening With Stainless Steel Doors, Add	*562.92*
		For Each Opening With Two Speed Doors, Add	*703.65*
		For Removal Of Existing Elevator, Add	*44,374.04*
		For Each Floor < 6 Stops, Deduct	*-31,640.24*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 Lb. x 200 FPM, 6 Stops, 6 Openings	394,673.34	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Each Additional Stop, Add	*36,260.02*	
		For Each Additional 50 FPM, Add	*5,629.20*	
		For Each Opening With Bonderized Steel Door, Add	*281.46*	
		For Each Opening With Stainless Steel Doors, Add	*562.92*	
		For Each Opening With Two Speed Doors, Add	*703.65*	
		For Removal Of Existing Elevator, Add	*44,374.04*	
		For Each Floor < 6 Stops, Deduct	*-31,640.24*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 Lb. x 200 FPM, 6 Stops, 6 Openings	406,889.40	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Each Additional Stop, Add	*36,260.02*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,374.04*	
		For Each Floor < 6 Stops, Deduct	*-31,640.24*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 Lb. x 200 FPM, 6 Stops, 6 Openings	420,973.02	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Each Additional Stop, Add	*36,260.02*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,374.04*	
		For Each Floor < 6 Stops, Deduct	*-31,640.24*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 Lb. x 200 FPM, 6 Stops, 6 Openings	432,804.35	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Each Additional Stop, Add	*36,260.02*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*44,374.04*	
		For Each Floor < 6 Stops, Deduct	*-31,640.24*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 Lb. x 200 FPM, 6 Stops, 6 Openings	260,278.88	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 Lb. x 200 FPM, 6 Stops, 6 Openings	267,109.35	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 Lb. x 200 FPM, 6 Stops, 6 Openings	272,656.15	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 Lb. x 200 FPM, 6 Stops, 6 Openings	276,778.18	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	281,947.35	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 Lb. x 200 FPM, 6 Stops, 6 Openings	287,228.95	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	292,652.06	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For Each Additional Stop, Add	*35,321.82*	
		For Each Floor < 6 Stops, Deduct	*-21,093.50*	
		For Removal Of Existing Elevator, Add	*33,280.53*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 Lb. x 50 FPM, 3 Stops, 3 Openings	214,371.21	
		For Each Additional Stop, Add	*26,468.91*	
		For 2 Stops, Deduct	*-15,882.71*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 Lb. x 50 FPM, 3 Stops, 3 Openings	221,300.94	
		For Each Additional Stop, Add	*26,468.91*	
		For 2 Stops, Deduct	*-15,882.71*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 Lb. x 50 FPM, 3 Stops, 3 Openings	228,005.91	
		For Each Additional Stop, Add	*26,468.91*	
		For 2 Stops, Deduct	*-15,882.71*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 Lb. x 50 FPM, 3 Stops, 3 Openings	234,498.46	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*22,187.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 Lb. x 50 FPM, 3 Stops, 3 Openings	248,038.38	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 Lb. x 50 FPM, 3 Stops, 3 Openings	254,525.25	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 Lb. x 50 FPM, 3 Stops, 3 Openings	264,408.71	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Each Additional 50 FPM, Add	*15,567.20*	
		For Class "C-1" Loading, Add	*7,815.21*	
		For Class "C-2" Loading, Add	*9,382.00*	
		For Class "C-3" Loading, Add	*12,834.58*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 Lb. x 50 FPM, 3 Stops, 3 Openings	271,419.75	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 Lb. x 50 FPM, 3 Stops, 3 Openings	283,633.73	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,884.11*	
		For 2 Stops, Deduct	*-16,882.71*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,874.81*	
		For Removal Of Existing Elevator, Add	*33,280.53*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling Note: Includes casing.	99.61	
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling Note: Includes casing.	118.97	

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM, 3 Stops, 3 Openings	151,921.64	
		For Each Additional Stop, Add	*26,468.91*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM, 3 Stops, 3 Openings	154,752.04	
		For Each Additional Stop, Add	*26,468.91*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM, 3 Stops, 3 Openings	156,697.94	
		For Each Additional Stop, Add	*26,468.91*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM, 3 Stops, 3 Openings	164,046.35	
		For Each Additional Stop, Add	*26,468.91*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 Lb. x 100 FPM, 3 Stops, 3 Openings	167,071.81	
		For Each Additional Stop, Add	*26,468.91*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 Lb. x 100 FPM, 3 Stops, 3 Openings	171,211.27	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,884.11*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 Lb. x 100 FPM, 3 Stops, 3 Openings	175,310.45	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,884.11*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*316.31*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Removal Of Existing Stop, Add	*4,437.41*	
		For 2 Stops, Deduct	*-10,000.00*	

14 24 23 00-0009 Twin Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.

14 24 23 00-0010	EA	Twin Holeless Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM	131,348.18	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Each Additional Stop, Add	*28,132.93*	
		For An Additional 25 FPM, Add	*2,384.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011	EA	Twin Holeless Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM	136,299.14	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Each Additional Stop, Add	*28,132.93*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM	141,053.93	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Each Additional Stop, Add	*28,132.93*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM	163,999.58	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*22,187.02*	
		For Each Additional Stop, Add	*28,132.93*	
		For An Additional 25 FPM, Add	*2,384.61*	

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 Lb. x 30 FPM, 2 Stops, 2 Openings Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.	94,951.94	
		For Each Additional Stop, Add	*16,976.31*	
		For Removal Of Existing Elevator, Add	*6,656.11*	

14 27 Custom Elevator Cabs and Doors *(14 20)*

14 27 13 Custom Elevator Cab Finishes *(14 27)*

14 27 13 00-0001 Custom Elevator Cab Finish Options *(14 27 13)*

Note: Review elevator task modifiers for additional cab finishes.

14 27 13 00-0002	EA	Intercom Service	1,422.70	

14 27 13 00-0003 Custom Elevator Hall Finish Options *(14 27 13)*

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes	1,799.80	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes	1,891.31	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices	936.20	

14 27 16 Custom Elevator Doors *(14 27)*

14 27 16 00-0001 Custom Elevator Door Options *(14 27 16)*

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors	3,641.08	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors	4,678.24	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front)	6,539.05	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors	10,413.18	
14 27 16 00-0006	EA	Bi-Parting Doors	10,987.29	
14 27 16 00-0007	EA	Power Operated Door And Gate	34,110.08	

14 28 Elevator Equipment and Controls *(14 20)*

14 28 16 Elevator Controls *(14 28)*

14 28 16 00-0001 Passenger Or Freight Elevator Options *(14 28 16)*

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls	8,582.71	1,046.48
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls	13,002.07	1,568.61
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls	20,117.12	2,091.46
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls	28,306.46	2,654.50
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls	39,486.26	3,137.16
14 28 16 00-0007	EA	Duplex Care Selective Collective	8,241.84	
14 28 16 00-0008	EA	Automatic Emergency Power Switching	4,916.80	
14 28 16 00-0009	EA	Manual Emergency Power Switching	930.10	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices	220.97	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices	185.24	
14 28 16 00-0012	EA	High Speed Heavy-Duty Door Opener	3,355.55	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum	55,839.39	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average	91,146.63	
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum	126,315.23	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum	23,316.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average	28,929.85	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum	32,102.37	
14 28 16 00-0019	SF	1/4" Thick, Steel Plate, Elevator Cab Floor	45.76	
14 28 16 00-0020	SF	1/4" Thick, Steel Plate, Elevator Walls	45.21	

14 30 Escalators and Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Stainless Steel Escalator Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	162,715.00	13,729.12
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	180,196.72	16,225.33
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	196,229.41	18,721.54
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	216,872.04	22,465.84
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	239,482.79	24,962.05
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	172,082.59	14,602.80
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	190,919.01	17,473.43
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	206,931.07	19,969.64
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	233,127.99	25,086.85
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	251,234.93	26,959.01
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	181,855.04	15,476.47
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	202,370.31	18,721.54
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	217,960.55	21,217.74
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	250,488.90	26,459.77
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	265,873.00	28,955.97
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	24,084.03	499.24

14 32 Moving Walks *(14 30)*

14 32 00 00-0001 Moving Sidewalks *(14 32)*

Note: Prices are medians. Includes safety rails.

14 32 00 00-0002	LF	Moving Sidewalks, 28" Wide	1,711.18	299.54
		For Each LF Of Ramp Or Sloped Sections, Add	*270.35*	
14 32 00 00-0003	LF	Moving Sidewalks, 36" Wide	2,289.29	305.79
		For Each LF Of Ramp Or Sloped Sections, Add	*384.48*	
14 32 00 00-0004	LF	Moving Sidewalks, 48" Wide	2,582.58	318.26
		For Each LF Of Ramp Or Sloped Sections, Add	*440.15*	
14 32 00 00-0005	LF	Moving Sidewalks, 54" Wide	2,970.18	345.23
		For Each LF Of Ramp Or Sloped Sections, Add	*511.19*	

14 40 Lifts *(14)*

14 41 People Lifts *(14 40)*

14 41 16 Endless-Belt People Lifts *(14 41)*

14 41 16 00-0001 Personnel Lifts Electrically Operated *(14 41 16)*

Note: 1 Or 2 person lift by vertical belt with attached foot platforms average of 36" diameter openings.

14 41 16 00-0002	EA	Personnel Lifts, Electric, 1-2 Person, 3 Stops	29,221.30
		For An Additional Stop, Add	*834.80*
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,506.56*
14 41 16 00-0003	EA	Personnel Lifts, Electric, 1-2 Person, 5 Stops	30,739.29
		For An Additional Stop, Add	*834.80*
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,688.71*
14 41 16 00-0004	EA	Personnel Lifts, Electric, 1-2 Person, 7 Stops	32,257.28
		For An Additional Stop, Add	*834.80*
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,870.87*

14 41 19 Stairway Chairlifts *(14 41)*

14 41 19 00-0001 Chair Lift-Stair Climber *(14 41 19)*

Note: Includes landing, rails, lifting device and gates.

14 41 19 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	7,943.52	1,075.84

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Inclined Platform Wheelchair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Inclined Wheelchair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	14,868.90	1,613.77

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Wheelchair Lift (Shorty) *(14 42 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	10,329.83	753.09
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	12,699.46	941.36
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	15,102.45	1,223.77
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	16,955.26	1,412.05
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 Lb. capacity, interior installation.	17,730.99	672.41

14 90 Other Conveying Equipment *(14)*

14 91 Facility Chutes *(14 90)*

14 91 82 Trash Chutes *(14 91)*

14 91 82 00-0001 Trash Chutes *(14 91 82)*

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	34.17	4.99
		For Aluminum, Add	*2.47*	
		For Stainless Steel, Add	*8.63*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	43.70	4.99
		For Aluminum, Add	*3.34*	
		For Stainless Steel, Add	*11.67*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	48.18	6.23
		For Aluminum, Add	*3.70*	
		For Stainless Steel, Add	*12.94*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	73.04	6.23
		For Aluminum, Add	*6.09*	
		For Stainless Steel, Add	*21.32*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	798.41	34.87
		For Aluminum, Add	*72.82*	
		For Stainless Steel, Add	*254.88*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	390.61	68.50
		For Aluminum, Add	*25.33*	
		For Stainless Steel, Add	*88.65*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	268.74	74.73
		For Aluminum, Add	*11.08*	
		For Stainless Steel, Add	*38.79*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	71.64	26.15
		For Aluminum, Add	*1.90*	
		For Stainless Steel, Add	*6.65*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	665.98	93.40
		For Aluminum, Add	*46.86*	
		For Stainless Steel, Add	*164.01*	
14 91 82 00-0011	EA	Hopper Doors	1,559.27	80.97

14 92 Pneumatic Tube Systems *(14 90)*

14 92 00 00-0001 Pneumatic Tube Station; Swisslog *(14 92)*

14 92 00 00-0002	LF	4" Pneumatic Tube	76.15	19.87
14 92 00 00-0003	LF	6" Pneumatic Tube	96.16	24.83
14 92 00 00-0004	EA	4" 90 Degree Bend	393.08	43.47
14 92 00 00-0005	EA	6" 90 Degree Bend	551.39	49.68
14 92 00 00-0006	EA	4" PRV Bend	471.48	65.21
14 92 00 00-0007	EA	6" PRV Bend	666.81	74.51
14 92 00 00-0008	EA	Vacuum Bypass Valve	2,671.78	310.48
14 92 00 00-0009	EA	Blower Assembly For 4" Tube	26,636.19	620.97
14 92 00 00-0010	EA	Blower Assembly For 6" Tube	32,329.30	745.16
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube	16,551.25	931.45
14 92 00 00-0012	EA	Recessed Receiving Station For 6" Tube	18,710.04	1,117.74
14 92 00 00-0013	EA	Wall Mount Receiving Station For 4" Tube	14,793.59	620.97
14 92 00 00-0014	EA	Wall Mount Receiving Station For 6" Tube	16,274.56	745.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 92 00 00-0015	EA	2 Out Transfer Unit For 4" Tube	11,164.75	683.06
14 92 00 00-0016	EA	2 Out Transfer Unit For 6" Tube	11,963.80	745.16
14 92 00 00-0017	EA	4 Out Transfer Unit For 4" Tube	13,189.76	931.45
14 92 00 00-0018	EA	4 Out Transfer Unit For 6" Tube	13,814.15	993.55
14 92 00 00-0019	EA	6 Out Transfer Unit For 4" Tube	16,009.71	1,241.93
14 92 00 00-0020	EA	6 Out Transfer Unit For 6" Tube	16,872.45	1,304.03
14 92 00 00-0021	EA	T.E.U. Assembly For 4" Tube	4,480.14	155.25
14 92 00 00-0022	EA	T.E.U. Assembly For 6" Tube	5,086.04	248.39
14 92 00 00-0023	EA	Security Door	1,790.55	
14 92 00 00-0024	EA	SB-101 Control Panel	4,353.20	372.58
14 92 00 00-0025	LF	Pneumatic Tube Hanging Material	14.55	2.48

END OF SECTION 14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).

21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	493.80
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	296.28
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	118.51
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	59.25

21 01 10 91-0006 Purge And Refill System Sprinkler Piping *(21 01 10 91)*

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	398.39
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	568.98
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	681.75
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	852.19
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	1,107.85
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System For Sprinkler Upgrades	0.56
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	557.76
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	796.59
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	954.46
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,193.07
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,551.00
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	0.78
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	766.91
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,095.30
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,312.39
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1,640.48
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	2,132.61
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System For Sprinkler Upgrades	1.07
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,035.33
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,478.65
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,570.78
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1,963.47
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	2,552.52
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System For Sprinkler Upgrades	1.28

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	212.33
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	3.00
21 01 30 91-0004	EA	Inspection, Halon 1301	212.33
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	71.96
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	128.39
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	67.46
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	128.39
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	6.00
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	39.50
21 01 30 91-0011	EA	Disarm/Arm System	69.13

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	47.99	12.27
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	49.92	12.27
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	58.92	12.27
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	62.62	12.27
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	66.32	12.27

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,918.70	189.47
		For >10 To 25, Deduct	*-495.94*	
		For >25, Deduct	*-1,464.09*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	20,287.95	317.65
		For >10 To 25, Deduct	*-1,014.40*	
		For >25, Deduct	*-3,003.39*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	27,490.58	477.53
		For >10 To 25, Deduct	*-1,374.53*	
		For >25, Deduct	*-4,063.68*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	35,868.35	610.19
		For >10 To 25, Deduct	*-1,793.42*	
		For >25, Deduct	*-5,304.45*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	50,614.95	742.84
		For >10 To 25, Deduct	*-2,530.75*	
		For >25, Deduct	*-7,499.39*	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping

(21 05)

See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 23 00-0001 Globe Valves *(21 05 23)*

21 05 23 00-0002 Threaded, 125 Lb., Bronze Body, Angle Globe Valves *(21 05 23 00-0001)*

Note: Non-rising stem

21 05 23 00-0003	EA	1/2" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD)	66.12	12.10
21 05 23 00-0004	EA	3/4" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD)	84.26	12.70
21 05 23 00-0005	EA	1" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD)	116.04	12.70
21 05 23 00-0006	EA	1-1/4" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD)	174.73	16.10
21 05 23 00-0007	EA	1-1/2" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD	205.65	18.63
21 05 23 00-0008	EA	2" Diameter Threaded, 125 Lb., Bronze Body, Angle Globe Valve (Kennedy 98SD)	243.63	22.03

21 05 23 00-0009 Butterfly Valves *(21 05 23)*

21 05 23 00-0010 Grooved End Gear Operated Butterfly Valves *(21 05 23 00-0009)*

21 05 23 00-0011	EA	2-1/2" Diameter, Butterfly Valve, Grooved, With Standard Trim (NIBCO GD-4765-8N)	525.57	19.73
21 05 23 00-0012	EA	3" Diameter, Butterfly Valve, Grooved, With Standard Trim (NIBCO GD-4765-8N)	577.35	23.63
21 05 23 00-0013	EA	4" Diameter, Butterfly Valve, Grooved, With Standard Trim (NIBCO GD-4765-8N)	605.56	31.10
21 05 23 00-0014	EA	6" Diameter, Butterfly Valve, Grooved, With Standard Trim (NIBCO GD-4765-8N)	860.18	50.94
21 05 23 00-0015	EA	8" Diameter, Butterfly Valve, Grooved, With Standard Trim (NIBCO GD-4765-8N)	1,238.21	71.66

21 05 23 00-0016 Grooved End, Wafer Type, Ductile Iron, Gear Operated Butterfly Valves *(21 05 23 00-0009)*

21 05 23 00-0017	EA	2" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	527.83	15.94
21 05 23 00-0018	EA	2-1/2" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	537.57	19.73
21 05 23 00-0019	EA	3" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	593.35	23.63
21 05 23 00-0020	EA	4" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	615.55	31.10
21 05 23 00-0021	EA	6" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	858.18	50.94
21 05 23 00-0022	EA	8" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	1,276.20	71.66
21 05 23 00-0023	EA	10" Diameter, Butterfly Valve, Grooved, Wafer Type, With Standard Trim (NIBCO WD-3510)	1,975.90	96.86

21 05 23 00-0024 Check Valves *(21 05 23)*

21 05 23 00-0025 Bronze Body, Threaded, 150 Lb., Swing Check Valves *(21 05 23 00-0024)*

21 05 23 00-0026	EA	1/2" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	233.31	12.10
21 05 23 00-0027	EA	3/4" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	275.63	12.70
21 05 23 00-0028	EA	1" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	377.00	12.70
21 05 23 00-0029	EA	1-1/4" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	502.07	16.10
21 05 23 00-0030	EA	1-1/2" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	658.14	18.63
21 05 23 00-0031	EA	2" Diameter, Swing Check Valve, Bronze, Threaded, 150 Lb. (NIBCO T-433-Y)	961.02	22.03

21 05 23 00-0032 Flanged, Iron Body, Bronze Trim, Swing Check Valves *(21 05 23 00-0024)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0033	EA	2-1/2" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,242.84	161.61
21 05 23 00-0034	EA	3" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,409.72	189.47
21 05 23 00-0035	EA	4" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,953.13	317.65
21 05 23 00-0036	EA	6" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	2,980.73	395.11
21 05 23 00-0037	EA	8" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	4,765.83	504.86
21 05 23 00-0038	EA	10" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	7,593.15	614.61
21 05 23 00-0039	EA	12" Diameter Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	10,634.21	746.31
21 05 23 00-0040		Iron Body Wafer Type Check Valve *(21 05 23 00-0024)*		
21 05 23 00-0041	EA	2-1/2" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	961.29	161.73
21 05 23 00-0042	EA	3" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	1,106.55	189.62
21 05 23 00-0043	EA	4" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	1,292.75	317.90
21 05 23 00-0044	EA	6" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	2,136.71	446.17
21 05 23 00-0045	EA	8" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	3,184.60	513.10
21 05 23 00-0046	EA	10" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	4,693.26	55.77
21 05 23 00-0047	EA	12" Diameter, Check Valve, Twin Disc, Iron Body Wafer Type (NIBCO KW-900-W)	6,438.38	758.48
21 05 23 00-0048		Grooved End, Check Valves *(21 05 23 00-0024)*		
21 05 23 00-0049	EA	2-1/2" Diameter, Check Valve, Grooved (Victaulic FireLock® 717)	466.67	20.06
21 05 23 00-0050	EA	3" Diameter, Check Valve, Grooved (Victaulic FireLock® 717)	472.08	23.74
21 05 23 00-0051	EA	4" Diameter, Check Valve, Grooved (Victaulic FireLock® 717)	500.88	31.21
21 05 23 00-0052	EA	6" Diameter, Check Valve, Grooved (Victaulic FireLock® 717)	1,490.21	50.94
21 05 23 00-0053	EA	8" Diameter, Check Valve, Grooved (Victaulic FireLock® 717)	2,070.50	71.66
21 05 23 00-0054		Gate Valves *(21 05 23)*		
21 05 23 00-0055		Threaded, Bronze Gate Valves *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0056	EA	1" Diameter Threaded, Bronze Gate Valve (Crane 459)	727.47	15.13
21 05 23 00-0057	EA	1-1/4" Diameter Threaded, Bronze Gate Valve (Crane 459)	889.38	16.10
21 05 23 00-0058	EA	1-1/2" Diameter Threaded, Bronze Gate Valve (Crane 459)	1,058.17	18.63
21 05 23 00-0059	EA	2" Diameter Threaded, Bronze Gate Valve (Crane 459)	1,320.35	22.03
21 05 23 00-0060		Flanged, Cast Iron Body, Bronze Trim Gate Valves *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0061	EA	2-1/2" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	1,715.12	161.61
21 05 23 00-0062	EA	3" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	2,021.03	189.47
21 05 23 00-0063	EA	4" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	2,792.17	317.65
21 05 23 00-0064	EA	6" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	4,220.67	395.11
21 05 23 00-0065	EA	8" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	6,268.97	504.86
21 05 23 00-0066	EA	10" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	11,602.65	614.61
21 05 23 00-0067	EA	12" Diameter, Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	15,827.57	746.31
21 05 23 00-0068		Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0069	EA	2-1/2" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	3,011.07	161.61
21 05 23 00-0070	EA	3" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	3,507.08	189.47
21 05 23 00-0071	EA	4" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	4,144.25	317.65
21 05 23 00-0072	EA	6" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	5,361.29	395.11
21 05 23 00-0073	EA	8" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	8,060.62	504.86
21 05 23 00-0074	EA	10" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	11,717.17	614.61
21 05 23 00-0075	EA	12" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	15,186.90	746.31
21 05 23 00-0076		Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves *(21 05 23 00-0054)*		
		Note: Class 250. Square operating nut actuation type.		
21 05 23 00-0077	EA	3" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	2,807.43	189.47
21 05 23 00-0078	EA	4" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	3,469.14	317.65
21 05 23 00-0079	EA	6" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	4,472.61	395.11
21 05 23 00-0080	EA	8" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	6,813.53	504.86
21 05 23 00-0081	EA	10" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	10,384.15	614.61
21 05 23 00-0082	EA	12" Diameter, Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	13,085.50	746.31
21 05 23 00-0083		Ball Valves *(21 05 23)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0084		Threaded, 125 Lb., Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728) *(21 05 23 00-0083)*		
21 05 23 00-0085	EA	1" Diameter Threaded, 125 Lb., Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	471.41	15.13
21 05 23 00-0086	EA	1-1/4" Diameter Threaded, 125 Lb., Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	514.38	16.10
21 05 23 00-0087	EA	1-1/2" Diameter Threaded, 125 Lb., Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	608.20	18.63
21 05 23 00-0088	EA	2" Diameter Threaded, 125 Lb., Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	731.85	22.03
21 05 23 00-0089		TESTanDRAIN® Valve *(21 05 23)*		
21 05 23 00-0090	EA	1/4" Diameter, 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	241.25	14.13
21 05 23 00-0091	EA	1" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	272.12	17.08
21 05 23 00-0092	EA	1-1/4" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	332.45	21.60
21 05 23 00-0093	EA	1-1/2" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	521.90	24.93
21 05 23 00-0094	EA	2" Diameter Threaded, TESTanDRAIN® Valve (AGF 1000)	547.50	29.45
21 05 23 00-0095	EA	1" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	384.82	17.08
21 05 23 00-0096	EA	1-1/4" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	444.06	21.60
21 05 23 00-0097	EA	1-1/2" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	636.90	24.93
21 05 23 00-0098	EA	2" Diameter Threaded, TESTanDRAIN® Valve With Relief Valve (AGF 1011)	665.56	29.45
21 05 23 00-0099		Air Release Valves For Wet Fire Sprinkler Systems *(21 05 23)*		
21 05 23 00-0100	EA	1/2" NPT, Automatic Air Vent Assembly For Wet Fire Sprinkler Systems (Tyco TAV-W)	1,327.93	36.33
21 05 23 00-0101	EA	1/2" NPT, Automatic Air Vent For Wet Fire Sprinkler Systems (Potter PAV)	465.99	36.33
21 05 23 00-0102	EA	1/2" NPT, Automatic Float Type Air Release Valve With Shutoff Valve, Strainer, Unions, And Containment Pan (Potter PAAR-B)	1,313.68	54.49
21 05 23 00-0103	EA	1" NPT x Hose Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7900AAV)	499.06	36.33
21 05 23 00-0104	EA	2" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-20)	1,012.57	59.93
21 05 23 00-0105	EA	2-1/2" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-25)	1,088.45	83.24
21 05 23 00-0106	EA	3" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-30)	1,142.32	93.23
21 05 23 00-0107	EA	4" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-40)	1,170.37	99.89
21 05 23 00-0108	EA	1/2" PURGEnVENT Manual Air Vent Valve For Wet Fire Sprinkler Systems (AGF Manufacturing 7910MAV)	111.80	40.56

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 33 Heat Tracing for Fire-Suppression Piping *(21 05)*

See CSI section 23 83 13 13-0000 for heat tracing cables.

21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0383 for copper pipe, 22 11 16 00-0927 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19 00-0001		Fire Department Connections *(21 11 19)*		
21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,025.85	316.04
		For Polished Chrome, Add	*68.38*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,436.12	395.05
		For Polished Chrome, Add	*104.67*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,539.60	316.04
		For Polished Chrome, Add	*132.58*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	2,039.00	395.05
		For Polished Chrome, Add	*180.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	2,186.37	395.05
		For Polished Chrome, Add	*198.45*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,857.60	418.12
		For Polished Chrome, Add	*153.05*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,181.30	316.04
		For Polished Chrome, Add	*87.81*	
21 11 19 00-0009		Fire Department Connection Wall Plate *(21 11 19)*		
21 11 19 00-0010	EA	2-1/2" IPS Brass Fire Department Connection Wall Plate	106.98	24.53
21 11 19 00-0011	EA	2-1/2" IPS Aluminum Brass Fire Department Connection Wall Plate	81.13	24.53
21 11 19 00-0012	EA	2-1/2" IPS Chrome Plated Brass Fire Department Connection Wall Plate	110.56	24.53
21 11 19 00-0013	EA	2-1/2" IPS Chrome Plated Aluminum Brass Fire Department Connection Wall Plate	77.12	24.53
21 11 19 00-0014	EA	4" IPS x 10" Outside Diameter Polished Brass Fire Department Connection Wall Plate	170.62	29.45
21 11 19 00-0015	EA	4" IPS x 10" Outside Diameter Chrome Plated Brass Fire Department Connection Wall Plate	226.92	29.45
21 11 19 00-0016		Wall Type Indicator Post, Wheel Operated *(21 11 19)*		
		See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0017	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	2,997.67	317.65
21 11 19 00-0018		Upright Indicator Post, Wheel Operated *(21 11 19)*		
21 11 19 00-0019	EA	Upright Indicator Post With Flange For Valve (Victaulic 774)	7,210.31	317.65

21 12 Fire-Suppression Standpipes *(21 10)*

See CSI section 23 21 13 23-0000 for black steel pipe.

21 12 13 Fire-Suppression Hoses and Nozzles *(21 12)*

21 12 13 00-0001 Fire Hose *(21 12 13)*

21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.58	1.98
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.00	1.98
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.73	1.98
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.19	1.98
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	2.91	1.98
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.61	1.98
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.01	1.98
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.83	1.98
21 12 13 00-0011		Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	7.96	1.08
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	10.04	1.29
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	17.64	1.29
21 12 13 00-0015		Fire Hose Accessories *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	159.06	32.60
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	244.33	36.55
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	89.33	25.68
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	182.01	25.68
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	143.80	25.68
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	208.66	25.68
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	303.67	108.63
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	431.14	108.63

21 12 23 Fire-Suppression Hose Valves *(21 12)*

21 12 23 00-0001 Standpipe Valves *(21 12 23)*

21 12 23 00-0002	EA	2-1/2" Diameter, Fire Department Valve, Polished Brass With Plug And Chain	937.27	209.06
		For Polished Chrome, Add	*93.10*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	1,671.94	208.96
		For Polished Chrome, Add	*203.30*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	2,211.87	226.04
		For Polished Chrome, Add	*280.40*	
21 12 23 00-0005	EA	3" x 3" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	2,730.62	208.96
		For Polished Chrome, Add	*362.10*	
21 12 23 00-0006	EA	3" x 3" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	3,232.20	226.04
		For Polished Chrome, Add	*433.45*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Projecting, Polished Brass	1,559.42	208.96
		For Polished Chrome, Add	*186.42*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Projecting, Polished Brass	2,388.32	226.04
		For Polished Chrome, Add	*306.86*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Flush, Polished Brass	3,152.57	215.74
		For Polished Chrome, Add	*339.09*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Flush, Polished Brass	4,601.76	239.68
		For Polished Chrome, Add	*508.63*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Diameter, Fire Department Valve, Projecting, Polished Brass	3,405.73	215.74
		For Polished Chrome, Add	*369.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Diameter, Fire Department Valve, Projecting, Polished Brass	4,983.19	239.68
		For Polished Chrome, Add	*554.40*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Diameter, Fire Department Valve, Square, Flush, Polished Brass	7,064.12	287.58
		For Polished Chrome, Add	*662.83*	

21 12 23 00-0014 Fire Hose Angle Valves *(21 12 23)*

21 12 23 00-0015	EA	1-1/2" Diameter, 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	225.07	26.67
21 12 23 00-0016	EA	1-1/2" Diameter, 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	271.48	26.67
21 12 23 00-0017	EA	1-1/2" Diameter, 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	254.60	26.67
21 12 23 00-0018	EA	1-1/2" Diameter, 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	301.01	26.67
21 12 23 00-0019	EA	2-1/2" Diameter, 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	402.13	44.45
21 12 23 00-0020	EA	2-1/2" Diameter, 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	469.62	44.45
21 12 23 00-0021	EA	2-1/2" Diameter, 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	475.25	44.45
21 12 23 00-0022	EA	2-1/2" Diameter, 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	542.75	44.45

21 12 23 00-0023 Fire Hose Valve Cap And Chain *(21 12 23)*

21 12 23 00-0024	EA	1-1/2" Diameter, Cast Brass, Fire Hose Valve Cap And Chain	43.54	9.82
21 12 23 00-0025	EA	1-1/2" Diameter, Polished Brass, Fire Hose Valve Cap And Chain	70.25	9.82
21 12 23 00-0026	EA	1-1/2" Diameter, Rough Chrome Plated, Fire Hose Valve Cap And Chain	61.82	9.82
21 12 23 00-0027	EA	1-1/2" Diameter, Polished Chrome Plated, Fire Hose Valve Cap And Chain	82.91	9.82
21 12 23 00-0028	EA	1-1/2" Diameter, Aluminum Brass Fire Hose Valve Cap And Chain	29.10	9.82
21 12 23 00-0029	EA	2-1/2" Diameter, Cast Brass, Fire Hose Valve Cap And Chain	69.53	12.27
21 12 23 00-0030	EA	2-1/2" Diameter, Polished Brass, Fire Hose Valve Cap And Chain	93.44	12.27
21 12 23 00-0031	EA	2-1/2" Diameter, Rough Chrome Plated, Fire Hose Valve Cap And Chain	89.22	12.27
21 12 23 00-0032	EA	2-1/2" Diameter, Polished Chrome Plated, Fire Hose Valve Cap And Chain	113.12	12.27
21 12 23 00-0033	EA	2-1/2" Diameter, Aluminum Brass Fire Hose Valve Cap And Chain	38.80	12.27
21 12 23 00-0034	EA	3" Diameter, Cast Brass, Fire Hose Valve Cap And Chain	110.87	13.25
21 12 23 00-0035	EA	3" Diameter, Polished Brass, Fire Hose Valve Cap And Chain	141.81	13.25
21 12 23 00-0036	EA	3" Diameter, Rough Chrome Plated, Fire Hose Valve Cap And Chain	131.97	13.25
21 12 23 00-0037	EA	3" Diameter, Polished Chrome Plated, Fire Hose Valve Cap And Chain	164.31	13.25

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	2,588.64	518.23
21 12 29 00-0003	EA	Water Motor Gong	915.06	156.67
21 12 29 00-0004	EA	Water Motor Gong With Retard Chamber Assembly	1,896.79	191.88
21 12 29 00-0005	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	793.92	18.23
21 12 29 00-0006	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	245.79	31.18
21 12 29 00-0007	EA	Spare Sprinkler Head Box For 3 Heads Note: Excludes spare sprinkler heads.	40.43	11.99
21 12 29 00-0008	EA	Spare Sprinkler Head Box For 6 Heads Note: Excludes spare sprinkler heads.	40.68	11.99
21 12 29 00-0009	EA	Spare Sprinkler Head Box For 12 Heads Note: Excludes spare sprinkler heads.	43.53	11.99

21 12 29 00-0010 Water Flow Detector *(21 12 29)*

21 12 29 00-0011 Pressure-Type Water Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0012	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Diameter Pipe	382.30	95.93
21 12 29 00-0013	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Diameter Pipe	556.66	127.11
21 12 29 00-0014	EA	Pressure-Type Water Flow Detector For >4" To 8" Diameter Pipe	885.93	143.91

21 12 29 00-0015 Vane-Type Water Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0016	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Diameter Pipe	485.34	95.93
21 12 29 00-0017	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Diameter Pipe	682.89	127.11
21 12 29 00-0018	EA	Vane-Type Water Flow Detector For >4" To 8" Diameter Pipe	1,086.03	143.91

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems Assemblies *(21 13 13)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc.) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	635.37	
		For Copper Pipe, Add	*79.47*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-111.24*	
		For Up To 5, Add	*285.81*	
		For >5 To 10, Add	*174.57*	
		For >10 To 20, Add	*111.03*	
		For >20 To 40, Add	*47.60*	
		For >100 To 150, Deduct	*-63.54*	
		For >150, Deduct	*-127.07*	
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	811.05	
		For Copper Pipe, Add	*98.35*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-138.90*	
		For Up To 5, Add	*371.05*	
		For >5 To 10, Add	*232.15*	
		For >10 To 20, Add	*151.04*	
		For >20 To 40, Add	*63.87*	
		For >100 To 150, Deduct	*-81.11*	
		For >150, Deduct	*-162.21*	
		For Work In Restricted Working Space, Add	*139.88*	
21 13 13 00-0005		Ordinary Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*		
21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	621.70	
		For Copper Pipe, Add	*77.61*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-108.70*	
		For Up To 5, Add	*279.96*	
		For >5 To 10, Add	*171.26*	
		For >10 To 20, Add	*109.09*	
		For >20 To 40, Add	*46.73*	
		For >100 To 150, Deduct	*-62.17*	
		For >150, Deduct	*-124.34*	
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	791.34	
		For Copper Pipe, Add	*95.70*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-135.26*	
		For Up To 5, Add	*362.55*	
		For >5 To 10, Add	*227.28*	
		For >10 To 20, Add	*148.15*	
		For >20 To 40, Add	*62.57*	
		For >100 To 150, Deduct	*-79.13*	
		For >150, Deduct	*-158.27*	
		For Work In Restricted Working Space, Add	*138.03*	
21 13 13 00-0008		Extra Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*		
21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	574.22	
		For Copper Pipe, Add	*71.57*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-100.28*	
		For Up To 5, Add	*258.82*	
		For >5 To 10, Add	*158.55*	
		For >10 To 20, Add	*101.12*	
		For >20 To 40, Add	*43.28*	
		For >100 To 150, Deduct	*-57.42*	
		For >150, Deduct	*-114.84*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	732.48	
		For Copper Pipe, Add	*88.44*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-125.07*	
		For Up To 5, Add	*335.85*	
		For >5 To 10, Add	*210.79*	
		For >10 To 20, Add	*137.54*	
		For >20 To 40, Add	*58.06*	
		For >100 To 150, Deduct	*-73.25*	
		For >150, Deduct	*-146.50*	
		For Work In Restricted Working Space, Add	*128.59*	
21 13 13 00-0011		Wet Pipe Sprinkler Components *(21 13 13)* Note: Excludes hydraulic calculations.		
21 13 13 00-0012		Wet Pipe Alarm Check Valves *(21 13 13 00-0011)* Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013	EA	2-1/2" Diameter, Wet Pipe Alarm Check Valve	2,021.78	131.91
21 13 13 00-0014	EA	3" Diameter, Wet Pipe Alarm Check Valve	2,060.16	151.10
21 13 13 00-0015	EA	4" Diameter, Wet Pipe Alarm Check Valve	2,271.22	256.63
21 13 13 00-0016	EA	6" Diameter, Wet Pipe Alarm Check Valve	2,163.08	323.79
21 13 13 00-0017	EA	8" Diameter, Wet Pipe Alarm Check Valve	3,929.13	410.14
21 13 13 00-0018		Wet Pipe Valve Trim *(21 13 13 00-0011)* Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019	EA	2-1/2" Diameter, Wet Pipe Valve Trim	1,351.86	279.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0020	EA	3" Diameter, Wet Pipe Valve Trim	1,424.26	279.18
21 13 13 00-0021	EA	4" Diameter, Wet Pipe Valve Trim	1,727.73	382.79
21 13 13 00-0022	EA	6" Diameter, Wet Pipe Valve Trim	2,049.56	532.46
21 13 13 00-0023	EA	8" Diameter, Wet Pipe Valve Trim	2,260.63	659.09
21 13 13 00-0024		Wet Pipe Sprinkler Heads *(21 13 13 00-0011)*		
21 13 13 00-0025		Upright Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0026	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	82.96	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.37*	
		For >100 To 500, Deduct	*-11.48*	
		For >500 To 1,000, Deduct	*-22.49*	
		For >1,000, Deduct	*-31.38*	
21 13 13 00-0027	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	86.89	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-23.20*	
		For >1,000, Deduct	*-32.09*	
21 13 13 00-0028	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	89.39	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 500, Deduct	*-12.29*	
		For >500 To 1,000, Deduct	*-23.65*	
		For >1,000, Deduct	*-32.54*	
21 13 13 00-0029	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	84.93	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.73*	
		For >500 To 1,000, Deduct	*-22.84*	
		For >1,000, Deduct	*-31.73*	
21 13 13 00-0030	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	89.01	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-12.24*	
		For >500 To 1,000, Deduct	*-23.58*	
		For >1,000, Deduct	*-32.47*	
21 13 13 00-0031	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	91.61	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.56*	
		For >500 To 1,000, Deduct	*-24.05*	
		For >1,000, Deduct	*-32.94*	
21 13 13 00-0032	EA	1/2" Diameter NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	110.61	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.75*	
		For >100 To 500, Deduct	*-14.94*	
		For >500 To 1,000, Deduct	*-27.47*	
		For >1,000, Deduct	*-36.36*	
21 13 13 00-0033	EA	1/2" Diameter NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	121.13	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-16.25*	
		For >500 To 1,000, Deduct	*-29.36*	
		For >1,000, Deduct	*-38.25*	
21 13 13 00-0034	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	110.61	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.75*	
		For >100 To 500, Deduct	*-14.94*	
		For >500 To 1,000, Deduct	*-27.47*	
		For >1,000, Deduct	*-36.36*	
21 13 13 00-0035	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	121.13	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-16.25*	
		For >500 To 1,000, Deduct	*-29.36*	
		For >1,000, Deduct	*-38.25*	
21 13 13 00-0036	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	97.00	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 500, Deduct	*-13.24*	
		For >500 To 1,000, Deduct	*-25.02*	
		For >1,000, Deduct	*-33.91*	
21 13 13 00-0037	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	102.14	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.88*	
		For >500 To 1,000, Deduct	*-25.94*	
		For >1,000, Deduct	*-34.83*	
21 13 13 00-0038	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	96.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-25.71*	
		For >1,000, Deduct	*-35.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0039	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	102.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-26.79*	
		For >1,000, Deduct	*-36.67*	
21 13 13 00-0040	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	103.44	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 500, Deduct	*-14.16*	
		For >500 To 1,000, Deduct	*-27.01*	
		For >1,000, Deduct	*-36.89*	
21 13 13 00-0041	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	96.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-25.71*	
		For >1,000, Deduct	*-35.59*	
21 13 13 00-0042	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	102.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-26.79*	
		For >1,000, Deduct	*-36.67*	
21 13 13 00-0043	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	103.44	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 500, Deduct	*-14.16*	
		For >500 To 1,000, Deduct	*-27.01*	
		For >1,000, Deduct	*-36.89*	
21 13 13 00-0044	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	94.29	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.90*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-33.42*	
21 13 13 00-0045	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	98.21	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-25.23*	
		For >1,000, Deduct	*-34.12*	
21 13 13 00-0046	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	98.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0047	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	94.29	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.90*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-33.42*	
21 13 13 00-0048	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	98.21	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-25.23*	
		For >1,000, Deduct	*-34.12*	
21 13 13 00-0049	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	98.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0050	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	98.96	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0051	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	138.29	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-9.38*	
		For >100 To 500, Deduct	*-18.52*	
		For >500 To 1,000, Deduct	*-33.29*	
		For >1,000, Deduct	*-43.16*	
21 13 13 00-0052	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	142.80	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-9.61*	
		For >100 To 500, Deduct	*-19.08*	
		For >500 To 1,000, Deduct	*-34.10*	
		For >1,000, Deduct	*-43.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0053	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	142.80	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-9.61*	
		For >100 To 500, Deduct	*-19.08*	
		For >500 To 1,000, Deduct	*-34.10*	
		For >1,000, Deduct	*-43.97*	
21 13 13 00-0054	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	107.86	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-14.72*	
		For >500 To 1,000, Deduct	*-27.81*	
		For >1,000, Deduct	*-37.69*	
21 13 13 00-0055	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	110.95	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-15.10*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-38.24*	
21 13 13 00-0056	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	110.95	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-15.10*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-38.24*	
21 13 13 00-0057	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	365.84	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-20.51*	
		For >100 To 500, Deduct	*-46.84*	
		For >500 To 1,000, Deduct	*-73.41*	
		For >1,000, Deduct	*-82.30*	
21 13 13 00-0058	EA	3/4" Diameter NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	402.63	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-22.60*	
		For >100 To 500, Deduct	*-51.56*	
		For >500 To 1,000, Deduct	*-80.87*	
		For >1,000, Deduct	*-90.74*	
21 13 13 00-0059	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	185.18	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-11.48*	
		For >100 To 500, Deduct	*-24.26*	
		For >500 To 1,000, Deduct	*-40.89*	
		For >1,000, Deduct	*-49.78*	
21 13 13 00-0060	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	232.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-13.84*	
		For >100 To 500, Deduct	*-30.14*	
		For >500 To 1,000, Deduct	*-49.36*	
		For >1,000, Deduct	*-58.25*	
21 13 13 00-0061	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	429.07	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-23.68*	
		For >100 To 500, Deduct	*-54.75*	
		For >500 To 1,000, Deduct	*-84.79*	
		For >1,000, Deduct	*-93.68*	
21 13 13 00-0062	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	551.73	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-29.81*	
		For >100 To 500, Deduct	*-70.08*	
		For >500 To 1,000, Deduct	*-106.87*	
		For >1,000, Deduct	*-115.76*	
21 13 13 00-0063	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	237.18	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-14.33*	
		For >100 To 500, Deduct	*-30.88*	
		For >500 To 1,000, Deduct	*-51.09*	
		For >1,000, Deduct	*-60.96*	
21 13 13 00-0064	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	238.60	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-14.40*	
		For >100 To 500, Deduct	*-31.06*	
		For >500 To 1,000, Deduct	*-51.34*	
		For >1,000, Deduct	*-61.22*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	82.96	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.37*	
		For >100 To 500, Deduct	*-11.48*	
		For >500 To 1,000, Deduct	*-22.49*	
		For >1,000, Deduct	*-31.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0067	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	86.89	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-23.20*	
		For >1,000, Deduct	*-32.09*	
21 13 13 00-0068	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	89.39	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 500, Deduct	*-12.29*	
		For >500 To 1,000, Deduct	*-23.65*	
		For >1,000, Deduct	*-32.54*	
21 13 13 00-0069	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	97.62	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 500, Deduct	*-13.44*	
		For >500 To 1,000, Deduct	*-25.97*	
		For >1,000, Deduct	*-35.84*	
21 13 13 00-0070	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	102.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-26.79*	
		For >1,000, Deduct	*-36.67*	
21 13 13 00-0071	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	102.93	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-14.10*	
		For >500 To 1,000, Deduct	*-26.92*	
		For >1,000, Deduct	*-36.80*	
21 13 13 00-0072	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	365.84	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-20.51*	
		For >100 To 500, Deduct	*-46.84*	
		For >500 To 1,000, Deduct	*-73.41*	
		For >1,000, Deduct	*-82.30*	

21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0074	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	82.96	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.37*	
		For >100 To 500, Deduct	*-11.48*	
		For >500 To 1,000, Deduct	*-22.49*	
		For >1,000, Deduct	*-31.38*	
21 13 13 00-0075	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	86.89	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-23.20*	
		For >1,000, Deduct	*-32.09*	
21 13 13 00-0076	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	89.39	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 500, Deduct	*-12.29*	
		For >500 To 1,000, Deduct	*-23.65*	
		For >1,000, Deduct	*-32.54*	
21 13 13 00-0077	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	96.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-25.71*	
		For >1,000, Deduct	*-35.59*	
21 13 13 00-0078	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	102.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-14.01*	
		For >500 To 1,000, Deduct	*-26.79*	
		For >1,000, Deduct	*-36.67*	
21 13 13 00-0079	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	103.44	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 500, Deduct	*-14.16*	
		For >500 To 1,000, Deduct	*-27.01*	
		For >1,000, Deduct	*-36.89*	
21 13 13 00-0080	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	94.29	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.90*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-33.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0081	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	98.21	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-25.23*	
		For >1,000, Deduct	*-34.12*	
21 13 13 00-0082	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	98.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0083	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	94.29	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.90*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-33.42*	
21 13 13 00-0084	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	98.21	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-25.23*	
		For >1,000, Deduct	*-34.12*	
21 13 13 00-0085	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	98.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0086	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	94.29	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.90*	
		For >500 To 1,000, Deduct	*-24.53*	
		For >1,000, Deduct	*-33.42*	
21 13 13 00-0087	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	98.21	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-13.39*	
		For >500 To 1,000, Deduct	*-25.23*	
		For >1,000, Deduct	*-34.12*	
21 13 13 00-0088	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	98.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.48*	
		For >500 To 1,000, Deduct	*-25.37*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0089	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	82.96	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.37*	
		For >100 To 500, Deduct	*-11.48*	
		For >500 To 1,000, Deduct	*-22.49*	
		For >1,000, Deduct	*-31.38*	
21 13 13 00-0090	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	86.89	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-23.20*	
		For >1,000, Deduct	*-32.09*	
21 13 13 00-0091	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	89.39	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 500, Deduct	*-12.29*	
		For >500 To 1,000, Deduct	*-23.65*	
		For >1,000, Deduct	*-32.54*	
21 13 13 00-0092	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	84.94	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.73*	
		For >500 To 1,000, Deduct	*-22.85*	
		For >1,000, Deduct	*-31.74*	
21 13 13 00-0093	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	87.71	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 500, Deduct	*-12.08*	
		For >500 To 1,000, Deduct	*-23.34*	
		For >1,000, Deduct	*-32.23*	
21 13 13 00-0094	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	90.24	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.73*	
		For >100 To 500, Deduct	*-12.39*	
		For >500 To 1,000, Deduct	*-23.80*	
		For >1,000, Deduct	*-32.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0095	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	99.93	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.73*	
		For >500 To 1,000, Deduct	*-26.38*	
		For >1,000, Deduct	*-36.26*	
21 13 13 00-0096	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	105.01	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-14.36*	
		For >500 To 1,000, Deduct	*-27.30*	
		For >1,000, Deduct	*-37.17*	
21 13 13 00-0097	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	105.01	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-14.36*	
		For >500 To 1,000, Deduct	*-27.30*	
		For >1,000, Deduct	*-37.17*	
21 13 13 00-0098	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	97.00	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 500, Deduct	*-13.24*	
		For >500 To 1,000, Deduct	*-25.02*	
		For >1,000, Deduct	*-33.91*	
21 13 13 00-0099	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	102.14	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.88*	
		For >500 To 1,000, Deduct	*-25.94*	
		For >1,000, Deduct	*-34.83*	
21 13 13 00-0100	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	109.83	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.71*	
		For >100 To 500, Deduct	*-14.84*	
		For >500 To 1,000, Deduct	*-27.33*	
		For >1,000, Deduct	*-36.22*	
21 13 13 00-0101	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	118.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.14*	
		For >100 To 500, Deduct	*-15.89*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000, Deduct	*-37.73*	
21 13 13 00-0102	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	109.83	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.71*	
		For >100 To 500, Deduct	*-14.84*	
		For >500 To 1,000, Deduct	*-27.33*	
		For >1,000, Deduct	*-36.22*	
21 13 13 00-0103	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	118.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.14*	
		For >100 To 500, Deduct	*-15.89*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000, Deduct	*-37.73*	
21 13 13 00-0104	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	90.37	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.74*	
		For >100 To 500, Deduct	*-12.41*	
		For >500 To 1,000, Deduct	*-23.82*	
		For >1,000, Deduct	*-32.71*	
21 13 13 00-0105	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	94.78	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.96*	
		For >500 To 1,000, Deduct	*-24.62*	
		For >1,000, Deduct	*-33.51*	
21 13 13 00-0106	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	97.09	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 500, Deduct	*-13.25*	
		For >500 To 1,000, Deduct	*-25.03*	
		For >1,000, Deduct	*-33.92*	
21 13 13 00-0107	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	98.08	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.37*	
		For >100 To 500, Deduct	*-13.49*	
		For >500 To 1,000, Deduct	*-26.05*	
		For >1,000, Deduct	*-35.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0108	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	102.44	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-14.04*	
		For >500 To 1,000, Deduct	*-26.83*	
		For >1,000, Deduct	*-36.71*	
21 13 13 00-0109	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	106.66	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.80*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-27.59*	
		For >1,000, Deduct	*-37.47*	
21 13 13 00-0110	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	92.86	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 500, Deduct	*-12.72*	
		For >500 To 1,000, Deduct	*-24.27*	
		For >1,000, Deduct	*-33.16*	
21 13 13 00-0111	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	97.18	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-25.05*	
		For >1,000, Deduct	*-33.94*	
21 13 13 00-0112	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	99.54	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 500, Deduct	*-13.55*	
		For >500 To 1,000, Deduct	*-25.47*	
		For >1,000, Deduct	*-34.36*	
21 13 13 00-0113	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	99.93	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.73*	
		For >500 To 1,000, Deduct	*-26.38*	
		For >1,000, Deduct	*-36.26*	
21 13 13 00-0114	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	104.47	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 500, Deduct	*-14.29*	
		For >500 To 1,000, Deduct	*-27.20*	
		For >1,000, Deduct	*-37.08*	
21 13 13 00-0115	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	108.86	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.91*	
		For >100 To 500, Deduct	*-14.84*	
		For >500 To 1,000, Deduct	*-27.99*	
		For >1,000, Deduct	*-37.87*	
21 13 13 00-0116	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	161.62	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-10.30*	
		For >100 To 500, Deduct	*-21.31*	
		For >500 To 1,000, Deduct	*-36.65*	
		For >1,000, Deduct	*-45.54*	
21 13 13 00-0117	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	161.62	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-10.30*	
		For >100 To 500, Deduct	*-21.31*	
		For >500 To 1,000, Deduct	*-36.65*	
		For >1,000, Deduct	*-45.54*	
21 13 13 00-0118	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	112.37	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 500, Deduct	*-15.28*	
		For >500 To 1,000, Deduct	*-28.62*	
		For >1,000, Deduct	*-38.50*	
21 13 13 00-0119	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	115.70	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.25*	
		For >100 To 500, Deduct	*-15.70*	
		For >500 To 1,000, Deduct	*-29.22*	
		For >1,000, Deduct	*-39.10*	
21 13 13 00-0120	EA	3/4" Diameter NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	115.70	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.25*	
		For >100 To 500, Deduct	*-15.70*	
		For >500 To 1,000, Deduct	*-29.22*	
		For >1,000, Deduct	*-39.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0121	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	107.86	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-14.72*	
		For >500 To 1,000, Deduct	*-27.81*	
		For >1,000, Deduct	*-37.69*	
21 13 13 00-0122	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	110.95	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-15.10*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-38.24*	
21 13 13 00-0123	EA	3/4" Diameter NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	110.95	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 500, Deduct	*-15.10*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-38.24*	
21 13 13 00-0124	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	365.84	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-20.51*	
		For >100 To 500, Deduct	*-46.84*	
		For >500 To 1,000, Deduct	*-73.41*	
		For >1,000, Deduct	*-82.30*	
21 13 13 00-0125	EA	3/4" Diameter NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	402.63	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-22.60*	
		For >100 To 500, Deduct	*-51.56*	
		For >500 To 1,000, Deduct	*-80.87*	
		For >1,000, Deduct	*-90.74*	
21 13 13 00-0126	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	185.18	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-11.48*	
		For >100 To 500, Deduct	*-24.26*	
		For >500 To 1,000, Deduct	*-40.89*	
		For >1,000, Deduct	*-49.78*	
21 13 13 00-0127	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	232.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-13.84*	
		For >100 To 500, Deduct	*-30.14*	
		For >500 To 1,000, Deduct	*-49.36*	
		For >1,000, Deduct	*-58.25*	
21 13 13 00-0128	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	429.07	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-23.68*	
		For >100 To 500, Deduct	*-54.75*	
		For >500 To 1,000, Deduct	*-84.79*	
		For >1,000, Deduct	*-93.68*	
21 13 13 00-0129	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	551.73	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-29.81*	
		For >100 To 500, Deduct	*-70.08*	
		For >500 To 1,000, Deduct	*-106.87*	
		For >1,000, Deduct	*-115.76*	
21 13 13 00-0130	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	237.18	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-14.33*	
		For >100 To 500, Deduct	*-30.88*	
		For >500 To 1,000, Deduct	*-51.09*	
		For >1,000, Deduct	*-60.96*	
21 13 13 00-0131	EA	3/4" Diameter NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	238.60	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-14.40*	
		For >100 To 500, Deduct	*-31.06*	
		For >500 To 1,000, Deduct	*-51.34*	
		For >1,000, Deduct	*-61.22*	

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0134	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	88.83	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-12.22*	
		For >500 To 1,000, Deduct	*-23.55*	
		For >1,000, Deduct	*-32.44*	
21 13 13 00-0135	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	91.97	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.61*	
		For >500 To 1,000, Deduct	*-24.11*	
		For >1,000, Deduct	*-33.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0136	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	96.94	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-25.01*	
		For >1,000, Deduct	*-33.90*	
21 13 13 00-0137	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	90.60	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-12.44*	
		For >500 To 1,000, Deduct	*-23.86*	
		For >1,000, Deduct	*-32.75*	
21 13 13 00-0138	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	93.80	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 500, Deduct	*-12.84*	
		For >500 To 1,000, Deduct	*-24.44*	
		For >1,000, Deduct	*-33.33*	
21 13 13 00-0139	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	98.87	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 500, Deduct	*-13.47*	
		For >500 To 1,000, Deduct	*-25.35*	
		For >1,000, Deduct	*-34.24*	
21 13 13 00-0140	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	102.14	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.88*	
		For >500 To 1,000, Deduct	*-25.94*	
		For >1,000, Deduct	*-34.83*	
21 13 13 00-0141	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	107.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-14.52*	
		For >500 To 1,000, Deduct	*-26.86*	
		For >1,000, Deduct	*-35.75*	
21 13 13 00-0142	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	109.66	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.95*	
		For >100 To 500, Deduct	*-14.94*	
		For >500 To 1,000, Deduct	*-28.13*	
		For >1,000, Deduct	*-38.01*	
21 13 13 00-0143	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	117.33	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-8.34*	
		For >100 To 500, Deduct	*-15.90*	
		For >500 To 1,000, Deduct	*-29.51*	
		For >1,000, Deduct	*-39.39*	
21 13 13 00-0144	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	113.17	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-15.26*	
		For >500 To 1,000, Deduct	*-27.93*	
		For >1,000, Deduct	*-36.82*	
21 13 13 00-0145	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	118.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.14*	
		For >100 To 500, Deduct	*-15.89*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000, Deduct	*-37.73*	
21 13 13 00-0146	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	113.17	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-15.26*	
		For >500 To 1,000, Deduct	*-27.93*	
		For >1,000, Deduct	*-36.82*	
21 13 13 00-0147	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	118.25	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-8.14*	
		For >100 To 500, Deduct	*-15.89*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000, Deduct	*-37.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0148	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	86.15	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.53*	
		For >100 To 500, Deduct	*-11.88*	
		For >500 To 1,000, Deduct	*-23.06*	
		For >1,000, Deduct	*-31.95*	
21 13 13 00-0149	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	88.75	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-12.21*	
		For >500 To 1,000, Deduct	*-23.53*	
		For >1,000, Deduct	*-32.42*	
21 13 13 00-0150	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	91.98	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.61*	
		For >500 To 1,000, Deduct	*-24.11*	
		For >1,000, Deduct	*-33.00*	
21 13 13 00-0151	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	94.13	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.18*	
		For >100 To 500, Deduct	*-13.00*	
		For >500 To 1,000, Deduct	*-25.34*	
		For >1,000, Deduct	*-35.21*	
21 13 13 00-0152	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	96.91	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.35*	
		For >500 To 1,000, Deduct	*-25.84*	
		For >1,000, Deduct	*-35.71*	
21 13 13 00-0153	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	99.92	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-26.38*	
		For >1,000, Deduct	*-36.26*	
21 13 13 00-0154	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	96.33	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 500, Deduct	*-13.28*	
		For >500 To 1,000, Deduct	*-25.73*	
		For >1,000, Deduct	*-35.61*	
21 13 13 00-0155	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	99.22	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 500, Deduct	*-13.64*	
		For >500 To 1,000, Deduct	*-26.25*	
		For >1,000, Deduct	*-36.13*	
21 13 13 00-0156	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	102.35	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-14.03*	
		For >500 To 1,000, Deduct	*-26.82*	
		For >1,000, Deduct	*-36.69*	
21 13 13 00-0157	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	102.40	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-14.03*	
		For >500 To 1,000, Deduct	*-26.83*	
		For >1,000, Deduct	*-36.70*	
21 13 13 00-0158	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	106.67	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.80*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-27.60*	
		For >1,000, Deduct	*-37.47*	
21 13 13 00-0159	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	106.67	12.35
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-7.80*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-27.60*	
		For >1,000, Deduct	*-37.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0160	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	189.92	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-11.72*	
		For >100 To 500, Deduct	*-24.85*	
		For >500 To 1,000, Deduct	*-41.74*	
		For >1,000, Deduct	*-50.63*	
21 13 13 00-0161	EA	1/2" Diameter NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	189.92	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-11.72*	
		For >100 To 500, Deduct	*-24.85*	
		For >500 To 1,000, Deduct	*-41.74*	
		For >1,000, Deduct	*-50.63*	
21 13 13 00-0162	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	87.24	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.58*	
		For >100 To 500, Deduct	*-12.02*	
		For >500 To 1,000, Deduct	*-23.26*	
		For >1,000, Deduct	*-32.15*	
21 13 13 00-0163	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	87.24	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.58*	
		For >100 To 500, Deduct	*-12.02*	
		For >500 To 1,000, Deduct	*-23.26*	
		For >1,000, Deduct	*-32.15*	
21 13 13 00-0164	EA	1/2" Diameter NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	87.24	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.58*	
		For >100 To 500, Deduct	*-12.02*	
		For >500 To 1,000, Deduct	*-23.26*	
		For >1,000, Deduct	*-32.15*	

21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0166	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	92.91	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 500, Deduct	*-12.73*	
		For >500 To 1,000, Deduct	*-24.28*	
		For >1,000, Deduct	*-33.17*	
21 13 13 00-0167	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	96.82	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.06*	
		For >100 To 500, Deduct	*-13.21*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000, Deduct	*-33.87*	
21 13 13 00-0168	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	98.51	11.11
		For >25 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 500, Deduct	*-13.43*	
		For >500 To 1,000, Deduct	*-25.29*	
		For >1,000, Deduct	*-34.18*	

21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0171	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes cover plate	136.31	14.82
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-9.78*	
		For >100 To 500, Deduct	*-18.52*	
		For >500 To 1,000, Deduct	*-34.61*	
		For >1,000, Deduct	*-46.46*	
21 13 13 00-0172	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	90.31	14.82
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 500, Deduct	*-12.77*	
		For >500 To 1,000, Deduct	*-26.33*	
		For >1,000, Deduct	*-38.18*	
21 13 13 00-0173	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	91.99	14.82
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-7.56*	
		For >100 To 500, Deduct	*-12.98*	
		For >500 To 1,000, Deduct	*-26.63*	
		For >1,000, Deduct	*-38.48*	
21 13 13 00-0174	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	119.75	16.04
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 500, Deduct	*-16.57*	
		For >500 To 1,000, Deduct	*-32.47*	
		For >1,000, Deduct	*-45.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0175	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head	114.80	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.70*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.74*	
		For >1,000, Deduct	*-42.59*	
21 13 13 00-0176	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head	114.80	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.70*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.74*	
		For >1,000, Deduct	*-42.59*	
21 13 13 00-0177	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	119.75	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 500, Deduct	*-16.57*	
		For >500 To 1,000, Deduct	*-32.47*	
		For >1,000, Deduct	*-45.31*	
21 13 13 00-0178	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	104.04	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-14.49*	
		For >500 To 1,000, Deduct	*-28.80*	
		For >1,000, Deduct	*-40.65*	
21 13 13 00-0179	EA	1/2" Diameter NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	114.80	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.70*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.74*	
		For >1,000, Deduct	*-42.59*	
21 13 13 00-0180	EA	1/2" Diameter NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	114.80	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.70*	
		For >100 To 500, Deduct	*-15.83*	
		For >500 To 1,000, Deduct	*-30.74*	
		For >1,000, Deduct	*-42.59*	
21 13 13 00-0181	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	106.58	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.29*	
		For >100 To 500, Deduct	*-14.80*	
		For >500 To 1,000, Deduct	*-29.26*	
		For >1,000, Deduct	*-41.11*	
21 13 13 00-0182	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	188.81	17.28
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.46*	
		For >50 To 100, Deduct	*-12.90*	
		For >100 To 500, Deduct	*-25.33*	
		For >500 To 1,000, Deduct	*-45.74*	
		For >1,000, Deduct	*-59.56*	
21 13 13 00-0183	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	98.67	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 500, Deduct	*-13.82*	
		For >500 To 1,000, Deduct	*-27.83*	
		For >1,000, Deduct	*-39.68*	
21 13 13 00-0184	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	102.93	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-8.36*	
		For >100 To 500, Deduct	*-14.47*	
		For >500 To 1,000, Deduct	*-29.44*	
		For >1,000, Deduct	*-42.28*	
21 13 13 00-0185	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	100.18	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-7.97*	
		For >100 To 500, Deduct	*-14.00*	
		For >500 To 1,000, Deduct	*-28.10*	
		For >1,000, Deduct	*-39.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0186	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	105.13	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-14.75*	
		For >500 To 1,000, Deduct	*-29.84*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0187	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	120.45	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-9.23*	
		For >100 To 500, Deduct	*-16.66*	
		For >500 To 1,000, Deduct	*-32.60*	
		For >1,000, Deduct	*-45.44*	
21 13 13 00-0188	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Cover Plate	223.71	17.28
		For >25 To 50, Deduct	*-3.46*	
		For >50 To 100, Deduct	*-14.64*	
		For >100 To 500, Deduct	*-29.69*	
		For >500 To 1,000, Deduct	*-52.02*	
		For >1,000, Deduct	*-65.85*	
21 13 13 00-0189	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Cover Plate	223.71	17.28
		For >25 To 50, Deduct	*-3.46*	
		For >50 To 100, Deduct	*-14.64*	
		For >100 To 500, Deduct	*-29.69*	
		For >500 To 1,000, Deduct	*-52.02*	
		For >1,000, Deduct	*-65.85*	

21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0191	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	149.11	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-10.42*	
		For >100 To 500, Deduct	*-20.12*	
		For >500 To 1,000, Deduct	*-36.91*	
		For >1,000, Deduct	*-48.76*	
21 13 13 00-0192	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	169.03	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-11.66*	
		For >100 To 500, Deduct	*-22.73*	
		For >500 To 1,000, Deduct	*-41.34*	
		For >1,000, Deduct	*-54.18*	
21 13 13 00-0193	EA	1/2" Diameter NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	111.70	14.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-8.55*	
		For >100 To 500, Deduct	*-15.44*	
		For >500 To 1,000, Deduct	*-30.18*	
		For >1,000, Deduct	*-42.03*	
21 13 13 00-0194	EA	3/4" Diameter NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	110.95	16.04
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 500, Deduct	*-15.47*	
		For >500 To 1,000, Deduct	*-30.89*	
		For >1,000, Deduct	*-43.73*	

21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0196	EA	1/2" Diameter NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	397.40	12.35
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-22.34*	
		For >100 To 500, Deduct	*-50.91*	
		For >500 To 1,000, Deduct	*-79.93*	
		For >1,000, Deduct	*-89.80*	
21 13 13 00-0197	EA	1/2" Diameter NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	387.34	12.35
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-21.84*	
		For >100 To 500, Deduct	*-49.65*	
		For >500 To 1,000, Deduct	*-78.12*	
		For >1,000, Deduct	*-87.99*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	21 13 13 00-0198	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	155.79	12.35
			For >25 To 50, Deduct	*-2.47*	
			For >50 To 100, Deduct	*-10.26*	
			For >100 To 500, Deduct	*-20.71*	
			For >500 To 1,000, Deduct	*-36.44*	
			For >1,000, Deduct	*-46.31*	
	21 13 13 00-0199	EA	1/2" Diameter NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	176.65	12.35
			For >25 To 50, Deduct	*-2.47*	
			For >50 To 100, Deduct	*-11.30*	
			For >100 To 500, Deduct	*-23.32*	
			For >500 To 1,000, Deduct	*-40.19*	
			For >1,000, Deduct	*-50.07*	
21 13 13 00-0200	Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*				
21 13 13 00-0201	Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*				
	21 13 13 00-0202	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	62.21	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-4.21*	
			For >100 To 500, Deduct	*-8.33*	
			For >500 To 1,000, Deduct	*-14.95*	
			For >1,000, Deduct	*-19.36*	
	21 13 13 00-0203	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	62.21	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-4.21*	
			For >100 To 500, Deduct	*-8.33*	
			For >500 To 1,000, Deduct	*-14.95*	
			For >1,000, Deduct	*-19.36*	
	21 13 13 00-0204	EA	1" Diameter Male NPT x 1/2" Diameter Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	63.03	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-4.25*	
			For >100 To 500, Deduct	*-8.43*	
			For >500 To 1,000, Deduct	*-15.10*	
			For >1,000, Deduct	*-19.51*	
	21 13 13 00-0205	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	54.58	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-3.83*	
			For >100 To 500, Deduct	*-7.37*	
			For >500 To 1,000, Deduct	*-13.57*	
			For >1,000, Deduct	*-17.99*	
	21 13 13 00-0206	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	54.58	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-3.83*	
			For >100 To 500, Deduct	*-7.37*	
			For >500 To 1,000, Deduct	*-13.57*	
			For >1,000, Deduct	*-17.99*	
	21 13 13 00-0207	EA	1" Diameter Female NPT x 1/2" Diameter Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	54.58	13.24
			For >25 To 50, Deduct	*-1.10*	
			For >50 To 100, Deduct	*-3.83*	
			For >100 To 500, Deduct	*-7.37*	
			For >500 To 1,000, Deduct	*-13.57*	
			For >1,000, Deduct	*-17.99*	
	21 13 13 00-0208	EA	1" Diameter Female NPT x 3/4" Diameter Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	61.25	14.39
			For >25 To 50, Deduct	*-1.20*	
			For >50 To 100, Deduct	*-4.26*	
			For >100 To 500, Deduct	*-8.26*	
			For >500 To 1,000, Deduct	*-15.10*	
			For >1,000, Deduct	*-19.90*	
21 13 13 00-0209	Sprinkler Head Escutcheon *(21 13 13 00-0200)*				
	21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	23.86	4.45
			For >25 To 50, Deduct	*-0.37*	
			For >50 To 100, Deduct	*-1.56*	
			For >100 To 500, Deduct	*-3.17*	
			For >500 To 1,000, Deduct	*-5.55*	
			For >1,000, Deduct	*-7.03*	
	21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.55	4.45
			For >25 To 50, Deduct	*-0.37*	
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 500, Deduct	*-2.13*	
			For >500 To 1,000, Deduct	*-4.06*	
			For >1,000, Deduct	*-5.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	23.86	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 500, Deduct	*-3.17*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000, Deduct	*-7.03*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	22.36	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 500, Deduct	*-2.98*	
		For >500 To 1,000, Deduct	*-5.28*	
		For >1,000, Deduct	*-6.76*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	22.36	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 500, Deduct	*-2.98*	
		For >500 To 1,000, Deduct	*-5.28*	
		For >1,000, Deduct	*-6.76*	
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	15.55	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	23.11	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 500, Deduct	*-3.07*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-6.90*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	23.11	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 500, Deduct	*-3.07*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-6.90*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	8.27	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.32*	
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.22	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.51	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.18*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	8.46	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.35*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	7.41	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-3.16*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	7.41	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-3.16*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	9.54	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.55*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.38	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-3.16*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.38	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-3.16*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	12.72	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-4.85*	
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	12.15	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-3.36*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	12.34	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.78*	
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	12.91	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.99*	
		For >100 To 500, Deduct	*-1.79*	
		For >500 To 1,000, Deduct	*-3.50*	
		For >1,000, Deduct	*-4.88*	
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	12.34	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.78*	
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	12.72	4.56
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-4.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0241	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0242	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0243	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0244	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	29.95	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0245	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	35.11	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 500, Deduct	*-4.57*	
		For >500 To 1,000, Deduct	*-7.58*	
		For >1,000, Deduct	*-9.06*	
21 13 13 00-0246	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	36.31	4.45
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 500, Deduct	*-4.72*	
		For >500 To 1,000, Deduct	*-7.79*	
		For >1,000, Deduct	*-9.27*	
21 13 13 00-0247		Cover Plate For Sprinkler Heads *(21 13 13 00-0200)*		
21 13 13 00-0248	EA	Chrome Cover Plate For Concealed Pendent Sprinkler Head	75.45	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-4.19*	
		For >100 To 500, Deduct	*-9.64*	
		For >500 To 1,000, Deduct	*-15.01*	
		For >1,000, Deduct	*-16.69*	
21 13 13 00-0249	EA	White Cover Plate For Concealed Pendent Sprinkler Head	34.53	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-7.64*	
		For >1,000, Deduct	*-9.32*	
21 13 13 00-0250	EA	Specialty Cover Plate For Concealed Pendent Sprinkler Head	52.27	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 500, Deduct	*-6.74*	
		For >500 To 1,000, Deduct	*-10.84*	
		For >1,000, Deduct	*-12.52*	
21 13 13 00-0251	EA	Brass Cover Plate For Concealed Sidewall Sprinkler Head	47.67	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 500, Deduct	*-6.17*	
		For >500 To 1,000, Deduct	*-10.01*	
		For >1,000, Deduct	*-11.69*	
21 13 13 00-0252	EA	Chrome Cover Plate For Concealed Sidewall Sprinkler Head	37.23	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.86*	
		For >500 To 1,000, Deduct	*-8.13*	
		For >1,000, Deduct	*-9.81*	
21 13 13 00-0253	EA	White Cover Plate For Concealed Sidewall Sprinkler Head	37.23	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.86*	
		For >500 To 1,000, Deduct	*-8.13*	
		For >1,000, Deduct	*-9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0254	EA	Off-White Cover Plate For Concealed Sidewall Sprinkler Head	47.67	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 500, Deduct	*-6.17*	
		For >500 To 1,000, Deduct	*-10.01*	
		For >1,000, Deduct	*-11.69*	
21 13 13 00-0255	EA	Black Painted Cover Plate For Concealed Sidewall Sprinkler Head	47.67	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 500, Deduct	*-6.17*	
		For >500 To 1,000, Deduct	*-10.01*	
		For >1,000, Deduct	*-11.69*	
21 13 13 00-0256	EA	Black Plated Cover Plate For Concealed Sidewall Sprinkler Head	55.94	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-11.50*	
		For >1,000, Deduct	*-13.18*	
21 13 13 00-0257	EA	Bright Brass Cover Plate For Concealed Sidewall Sprinkler Head	55.94	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-11.50*	
		For >1,000, Deduct	*-13.18*	
21 13 13 00-0258	EA	Satin Chrome Cover Plate For Concealed Sidewall Sprinkler Head	55.94	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-11.50*	
		For >1,000, Deduct	*-13.18*	
21 13 13 00-0259	EA	Specialty Cover Plate For Concealed Sidewall Sprinkler Head	47.72	5.03
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 500, Deduct	*-6.18*	
		For >500 To 1,000, Deduct	*-10.02*	
		For >1,000, Deduct	*-11.70*	
21 13 13 00-0260	EA	White Cover Plate For Quick Release Concealed Sidewall Sprinkler Head	83.63	5.93
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-4.68*	
		For >100 To 500, Deduct	*-10.70*	
		For >500 To 1,000, Deduct	*-16.73*	
		For >1,000, Deduct	*-18.71*	

21 13 13 00-0261 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

21 13 13 00-0262	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	17.91	2.97
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 500, Deduct	*-2.36*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.05*	
21 13 13 00-0263	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	23.92	3.11
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 500, Deduct	*-3.12*	
		For >500 To 1,000, Deduct	*-5.19*	
		For >1,000, Deduct	*-6.23*	
21 13 13 00-0264	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	30.64	3.26
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 500, Deduct	*-3.97*	
		For >500 To 1,000, Deduct	*-6.44*	
		For >1,000, Deduct	*-7.52*	
21 13 13 00-0265	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	36.66	3.40
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 500, Deduct	*-4.72*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000, Deduct	*-8.70*	

21 13 13 00-0266 Sprinkler Head Guards *(21 13 13 00-0200)*

21 13 13 00-0267	EA	Universal Sprinkler Head Guard, C-1	23.07	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.89*	
		For >100 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-6.67*	
		For >1,000, Deduct	*-9.64*	
21 13 13 00-0268	EA	Dry Pendent Sprinkler Head Guard, C-2	26.27	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 500, Deduct	*-3.65*	
		For >500 To 1,000, Deduct	*-7.25*	
		For >1,000, Deduct	*-10.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0269	EA	Upright Sprinkler Head Guard With Water Shield, C-3	31.72	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 500, Deduct	*-4.34*	
		For >500 To 1,000, Deduct	*-8.23*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0270	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	38.44	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 500, Deduct	*-5.18*	
		For >500 To 1,000, Deduct	*-9.44*	
		For >1,000, Deduct	*-12.40*	
21 13 13 00-0271	EA	Universal Sprinkler Head Guard, D-1	26.14	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 500, Deduct	*-3.64*	
		For >500 To 1,000, Deduct	*-7.22*	
		For >1,000, Deduct	*-10.19*	
21 13 13 00-0272	EA	Upright Sprinkler Head Guard With Water Shield, D-3	28.22	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 500, Deduct	*-3.90*	
		For >500 To 1,000, Deduct	*-7.60*	
		For >1,000, Deduct	*-10.56*	
21 13 13 00-0273	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	43.63	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.92*	
		For >100 To 500, Deduct	*-5.82*	
		For >500 To 1,000, Deduct	*-10.37*	
		For >1,000, Deduct	*-13.34*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	40.54	8.89
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 500, Deduct	*-5.44*	
		For >500 To 1,000, Deduct	*-9.82*	
		For >1,000, Deduct	*-12.78*	

21 13 13 00-0275 Replacement Sprinkler Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0276	EA	Push On, Brass Replacement Sprinkler Escutcheon	12.07	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-3.01*	
		For >1,000, Deduct	*-4.00*	
21 13 13 00-0277	EA	Push On, Chrome Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	
21 13 13 00-0278	EA	Push On, White Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	
21 13 13 00-0279	EA	Flush, Brass Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	
21 13 13 00-0280	EA	Flush, Chrome Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	
21 13 13 00-0281	EA	Flush, White Replacement Sprinkler Escutcheon	15.11	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 500, Deduct	*-2.01*	
		For >500 To 1,000, Deduct	*-3.56*	
		For >1,000, Deduct	*-4.55*	
21 13 13 00-0282	EA	Deep, Brass Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	
21 13 13 00-0283	EA	Deep, Chrome Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0284	EA	Deep, White Replacement Sprinkler Escutcheon	11.98	3.26
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-3.98*	

21 13 13 00-0285 Pendent Shield And O-Ring Assembly *(21 13 13 00-0200)*

21 13 13 00-0286	EA	Pendent Shield And O-Ring Assembly	18.34	6.52
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000, Deduct	*-6.96*	

21 13 13 00-0287 Replacement Insulating Sealing Assembly *(21 13 13 00-0200)*

21 13 13 00-0288	EA	Insulating Sealing Assembly	80.50	14.82
		For >100 To 500, Deduct	*-10.80*	
		For >500 To 1,000, Deduct	*-19.53*	

21 13 13 00-0289 Flexible Sprinkler Piping *(21 13 13 00-0011)*

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

21 13 13 00-0290	EA	2' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	73.70	15.31
		For >25 To 50, Deduct	*-1.54*	
		For >50 To 100, Deduct	*-5.23*	
		For >100 To 500, Deduct	*-9.98*	
		For >500 To 1,000, Deduct	*-18.51*	
		For >1,000, Deduct	*-24.68*	
21 13 13 00-0291	EA	3' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	81.85	15.80
		For >25 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 500, Deduct	*-11.04*	
		For >500 To 1,000, Deduct	*-20.25*	
		For >1,000, Deduct	*-26.75*	
21 13 13 00-0292	EA	4' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	90.16	16.79
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-6.22*	
		For >100 To 500, Deduct	*-12.13*	
		For >500 To 1,000, Deduct	*-22.06*	
		For >1,000, Deduct	*-28.92*	
21 13 13 00-0293	EA	5' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	98.70	17.78
		For >25 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-13.25*	
		For >500 To 1,000, Deduct	*-23.94*	
		For >1,000, Deduct	*-31.20*	
21 13 13 00-0294	EA	6' Long, 3/4" Diameter, Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	107.48	19.75
		For >25 To 50, Deduct	*-1.93*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-14.40*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-33.62*	

21 13 13 00-0295 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0296	EA	3 Capacity Emergency Sprinkler Cabinet, A4	127.90
21 13 13 00-0297	EA	6 Capacity Emergency Sprinkler Cabinet, A4	132.84
21 13 13 00-0298	EA	12 Capacity Emergency Sprinkler Cabinet, A4	145.91
21 13 13 00-0299	EA	12 Capacity Emergency Sprinkler Cabinet, A3	498.82
21 13 13 00-0300	EA	Sprinkler Wrench, RC1	259.72
21 13 13 00-0301	EA	Sprinkler Wrench, FC	258.71
21 13 13 00-0302	EA	Sprinkler Wrench, W2	85.90

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems Assembly *(21 13 16)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	709.94	
		For Up To 5, Add	*318.64*	
		For >5 To 10, Add	*157.66*	
		For >10 To 20, Add	*122.99*	
		For >20 To 40, Add	*52.83*	
		For >100 To 150, Deduct	*-70.99*	
		For >150, Deduct	*-141.99*	
		For Copper Pipe, Add	*89.16*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-124.66*	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	860.71	
		For Up To 5, Add	*391.31*	
		For >5 To 10, Add	*203.63*	
		For >10 To 20, Add	*156.60*	
		For >20 To 40, Add	*66.55*	
		For >100 To 150, Deduct	*-86.07*	
		For >150, Deduct	*-172.14*	
		For Copper Pipe, Add	*105.60*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-148.63*	
		For Work In Restricted Working Space, Add	*141.07*	

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	688.33	
		For Up To 5, Add	*309.57*	
		For >5 To 10, Add	*154.42*	
		For >10 To 20, Add	*120.18*	
		For >20 To 40, Add	*51.53*	
		For >100 To 150, Deduct	*-68.83*	
		For >150, Deduct	*-137.67*	
		For Copper Pipe, Add	*86.13*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-120.55*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	836.48	
		For Up To 5, Add	*381.05*	
		For >5 To 10, Add	*199.79*	
		For >10 To 20, Add	*153.33*	
		For >20 To 40, Add	*65.05*	
		For >100 To 150, Deduct	*-83.65*	
		For >150, Deduct	*-167.30*	
		For Copper Pipe, Add	*102.24*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-144.07*	
		For Work In Restricted Working Space, Add	*139.37*	

21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	646.83	
		For Up To 5, Add	*290.63*	
		For >5 To 10, Add	*144.43*	
		For >10 To 20, Add	*112.53*	
		For >20 To 40, Add	*48.29*	
		For >100 To 150, Deduct	*-64.68*	
		For >150, Deduct	*-129.37*	
		For Copper Pipe, Add	*81.08*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-113.42*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	778.57	
		For Up To 5, Add	*354.70*	
		For >5 To 10, Add	*186.03*	
		For >10 To 20, Add	*142.76*	
		For >20 To 40, Add	*60.56*	
		For >100 To 150, Deduct	*-77.86*	
		For >150, Deduct	*-155.71*	
		For Copper Pipe, Add	*95.15*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-134.08*	
		For Work In Restricted Working Space, Add	*129.81*	

21 13 16 00-0011 Dry-Pipe Sprinkler System Compressors *(21 13 16 00-0001)*

21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	3,324.56	301.32
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	3,487.07	301.32
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	3,624.19	301.32
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	4,157.41	301.32

21 13 16 00-0016 Dry Pipe Sprinkler System Components *(21 13 16)*

21 13 16 00-0017 Dry Pipe Valves *(21 13 16 00-0016)*

Note: Excludes trim package See CSI section 21 13 16 00-0023 for Dry Pipe Valve Trim.

21 13 16 00-0018	EA	2-1/2" Diameter, Dry Pipe Valve	4,308.17	197.87
21 13 16 00-0019	EA	3" Diameter, Dry Pipe Valve	4,794.41	226.66
21 13 16 00-0020	EA	4" Diameter, Dry Pipe Valve	5,301.60	384.95
21 13 16 00-0021	EA	6" Diameter, Dry Pipe Valve	6,724.02	485.69
21 13 16 00-0022	EA	8" Diameter, Dry Pipe Valve	10,344.29	489.29

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0023		**Dry Pipe Valve Trim** *(21 13 16 00-0016)*		
		Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0024	EA	2-1/2" Diameter, Dry Pipe Valve Trim	1,557.99	279.18
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0025	EA	3" Diameter, Dry Pipe Valve Trim	1,601.17	307.00
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0026	EA	4" Diameter, Dry Pipe Valve Trim	1,810.48	382.79
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0027	EA	6" Diameter, Dry Pipe Valve Trim	1,935.19	460.50
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0028	EA	8" Diameter, Dry Pipe Valve Trim	2,182.49	518.06
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0029		**Dry Pipe Fire Protection Air Compressors** *(21 13 16 00-0016)*		
21 13 16 00-0030	EA	1.46 CFM, 1/6 HP, 125 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,422.64	166.39
21 13 16 00-0031	EA	3.03 CFM, 1/3 HP, 250 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,725.62	177.12
21 13 16 00-0032	EA	4.85 CFM, 1/2 HP, 400 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,207.13	188.93
21 13 16 00-0033	EA	6.06 CFM, 3/4 HP, 500 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,404.97	217.92
21 13 16 00-0034	EA	7.28 CFM, 1 HP, 600 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,976.37	257.64
21 13 16 00-0035	EA	11.1 CFM, 1-1/2 HP, 915 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	3,758.11	272.66
21 13 16 00-0036	EA	14.85 CFM, 2 HP, 1225 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	4,551.69	283.40
21 13 16 00-0037		**Dry Pipe Fire Protection Nitrogen Generator** *(21 13 16 00-0016)*		
21 13 16 00-0038	EA	675 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	10,282.11	257.64
21 13 16 00-0039	EA	950 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	11,408.21	272.66
21 13 16 00-0040	EA	2,000 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	16,204.80	354.25
21 13 16 00-0041		**Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		
21 13 16 00-0042	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	277.66	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-16.85*	
		For >100 To 500, Deduct	*-36.19*	
		For >500 To 1,000, Deduct	*-60.05*	
		For >1,000, Deduct	*-71.90*	
21 13 16 00-0043	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	290.24	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-17.47*	
		For >100 To 500, Deduct	*-37.76*	
		For >500 To 1,000, Deduct	*-62.32*	
		For >1,000, Deduct	*-74.17*	
21 13 16 00-0044	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	302.83	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-18.10*	
		For >100 To 500, Deduct	*-39.34*	
		For >500 To 1,000, Deduct	*-64.58*	
		For >1,000, Deduct	*-76.43*	
21 13 16 00-0045	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	315.45	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-18.74*	
		For >100 To 500, Deduct	*-40.91*	
		For >500 To 1,000, Deduct	*-66.85*	
		For >1,000, Deduct	*-78.70*	
21 13 16 00-0046	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	328.04	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-19.36*	
		For >100 To 500, Deduct	*-42.49*	
		For >500 To 1,000, Deduct	*-69.12*	
		For >1,000, Deduct	*-80.97*	
21 13 16 00-0047	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	340.63	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-19.99*	
		For >100 To 500, Deduct	*-44.06*	
		For >500 To 1,000, Deduct	*-71.39*	
		For >1,000, Deduct	*-83.24*	
21 13 16 00-0048	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	353.21	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-20.62*	
		For >100 To 500, Deduct	*-45.63*	
		For >500 To 1,000, Deduct	*-73.65*	
		For >1,000, Deduct	*-85.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0049	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	365.83	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-21.25*	
		For >100 To 500, Deduct	*-47.21*	
		For >500 To 1,000, Deduct	*-75.92*	
		For >1,000, Deduct	*-87.77*	
21 13 16 00-0050	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	378.40	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-21.88*	
		For >100 To 500, Deduct	*-48.78*	
		For >500 To 1,000, Deduct	*-78.18*	
		For >1,000, Deduct	*-90.03*	
21 13 16 00-0051	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	391.00	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-22.51*	
		For >100 To 500, Deduct	*-50.36*	
		For >500 To 1,000, Deduct	*-80.45*	
		For >1,000, Deduct	*-92.30*	
21 13 16 00-0052	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	403.60	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-23.14*	
		For >100 To 500, Deduct	*-51.93*	
		For >500 To 1,000, Deduct	*-82.72*	
		For >1,000, Deduct	*-94.57*	
21 13 16 00-0053	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	416.19	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-23.77*	
		For >100 To 500, Deduct	*-53.51*	
		For >500 To 1,000, Deduct	*-84.99*	
		For >1,000, Deduct	*-96.84*	
21 13 16 00-0054	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	428.81	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-24.40*	
		For >100 To 500, Deduct	*-55.08*	
		For >500 To 1,000, Deduct	*-87.26*	
		For >1,000, Deduct	*-99.11*	
21 13 16 00-0055	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	441.37	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-25.03*	
		For >100 To 500, Deduct	*-56.65*	
		For >500 To 1,000, Deduct	*-89.52*	
		For >1,000, Deduct	*-101.37*	
21 13 16 00-0056	EA	45" To 48" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Recessed Pendent Dry Pipe Sprinkler Head	453.98	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-25.66*	
		For >100 To 500, Deduct	*-58.23*	
		For >500 To 1,000, Deduct	*-91.79*	
		For >1,000, Deduct	*-103.64*	

21 13 16 00-0057 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0058	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	274.63	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-16.69*	
		For >100 To 500, Deduct	*-35.81*	
		For >500 To 1,000, Deduct	*-59.51*	
		For >1,000, Deduct	*-71.36*	
21 13 16 00-0059	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	287.24	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-17.32*	
		For >100 To 500, Deduct	*-37.39*	
		For >500 To 1,000, Deduct	*-61.78*	
		For >1,000, Deduct	*-73.63*	
21 13 16 00-0060	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	299.86	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-17.96*	
		For >100 To 500, Deduct	*-38.96*	
		For >500 To 1,000, Deduct	*-64.05*	
		For >1,000, Deduct	*-75.90*	
21 13 16 00-0061	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	312.41	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-18.58*	
		For >100 To 500, Deduct	*-40.53*	
		For >500 To 1,000, Deduct	*-66.31*	
		For >1,000, Deduct	*-78.16*	
21 13 16 00-0062	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	325.02	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-19.21*	
		For >100 To 500, Deduct	*-42.11*	
		For >500 To 1,000, Deduct	*-68.58*	
		For >1,000, Deduct	*-80.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0063	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	337.59	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-19.84*	
		For >100 To 500, Deduct	*-43.68*	
		For >500 To 1,000, Deduct	*-70.84*	
		For >1,000, Deduct	*-82.69*	
21 13 16 00-0064	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	350.22	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-20.47*	
		For >100 To 500, Deduct	*-45.26*	
		For >500 To 1,000, Deduct	*-73.11*	
		For >1,000, Deduct	*-84.96*	
21 13 16 00-0065	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	362.81	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-21.10*	
		For >100 To 500, Deduct	*-46.83*	
		For >500 To 1,000, Deduct	*-75.38*	
		For >1,000, Deduct	*-87.23*	
21 13 16 00-0066	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	375.37	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-21.73*	
		For >100 To 500, Deduct	*-48.40*	
		For >500 To 1,000, Deduct	*-77.64*	
		For >1,000, Deduct	*-89.49*	
21 13 16 00-0067	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	387.96	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-22.36*	
		For >100 To 500, Deduct	*-49.98*	
		For >500 To 1,000, Deduct	*-79.91*	
		For >1,000, Deduct	*-91.76*	
21 13 16 00-0068	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	400.57	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-22.99*	
		For >100 To 500, Deduct	*-51.55*	
		For >500 To 1,000, Deduct	*-82.18*	
		For >1,000, Deduct	*-94.03*	
21 13 16 00-0069	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	413.16	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-23.62*	
		For >100 To 500, Deduct	*-53.13*	
		For >500 To 1,000, Deduct	*-84.44*	
		For >1,000, Deduct	*-96.29*	
21 13 16 00-0070	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	450.96	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-25.51*	
		For >100 To 500, Deduct	*-57.85*	
		For >500 To 1,000, Deduct	*-91.25*	
		For >1,000, Deduct	*-103.10*	
21 13 16 00-0071	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	463.56	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-26.14*	
		For >100 To 500, Deduct	*-59.43*	
		For >500 To 1,000, Deduct	*-93.51*	
		For >1,000, Deduct	*-105.36*	
21 13 16 00-0072	EA	45" To 48" Length, 1/2" Orifice, 1" Diameter NPT Thread, Chrome Sidewall Dry Pipe Sprinkler Head	468.58	19.56
		For >25 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-26.39*	
		For >100 To 500, Deduct	*-60.05*	
		For >500 To 1,000, Deduct	*-94.42*	
		For >1,000, Deduct	*-106.27*	
21 13 16 00-0073		Pendent Dry Pipe Sprinkler Head, Early Suppression, Fast Response *(21 13 16 00-0016)*		
21 13 16 00-0074	EA	23" Length, 1-1/4" Diameter NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	1,346.91	19.56
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-70.56*	
		For >100 To 500, Deduct	*-169.97*	
		For >500 To 1,000, Deduct	*-253.36*	
		For >1,000, Deduct	*-266.20*	
21 13 16 00-0075	EA	30" Length, 1-1/4" Diameter NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	1,346.91	19.56
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-70.56*	
		For >100 To 500, Deduct	*-169.97*	
		For >500 To 1,000, Deduct	*-253.36*	
		For >1,000, Deduct	*-266.20*	
21 13 16 00-0076	EA	36" Length, 1-1/4" Diameter NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	1,346.91	19.56
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-70.56*	
		For >100 To 500, Deduct	*-169.97*	
		For >500 To 1,000, Deduct	*-253.36*	
		For >1,000, Deduct	*-266.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0077	EA	36" Length, 1-1/4" Diameter ISO Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	1,346.91	19.56
		For >25 To 50, Deduct	*-3.21*	
		For >50 To 100, Deduct	*-70.56*	
		For >100 To 500, Deduct	*-169.97*	
		For >500 To 1,000, Deduct	*-253.36*	
		For >1,000, Deduct	*-266.20*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems Assemblies *(21 13 19)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	640.08	
		For Up To 5, Add	*290.27*	
		For >5 To 10, Add	*179.37*	
		For >10 To 20, Add	*115.36*	
		For >20 To 40, Add	*49.12*	
		For >100 To 150, Deduct	*-64.01*	
		For >150, Deduct	*-128.02*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	595.82	
		For Up To 5, Add	*270.23*	
		For >5 To 10, Add	*167.01*	
		For >10 To 20, Add	*107.43*	
		For >20 To 40, Add	*45.74*	
		For >100 To 150, Deduct	*-59.58*	
		For >150, Deduct	*-119.16*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

21 13 26 00-0002 Deluge Valves, Wet-Pilot Activation With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	7,873.79	548.71
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*677.65*	
21 13 26 00-0004	EA	4" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	9,750.77	617.25
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*851.63*	
21 13 26 00-0005	EA	6" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	11,536.43	897.84
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*974.08*	
21 13 26 00-0006	EA	8" Diameter, Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	19,644.79	1,078.96
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*1,748.69*	

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

21 13 39 00-0002 Control Valves *(21 13 39 00-0001)*

21 13 39 00-0003	EA	3" Diameter, Foam Control Valve	5,388.82	548.71

21 13 39 00-0004 Supply Valves *(21 13 39 00-0001)*

21 13 39 00-0005	EA	2-1/2" Diameter, Foam Supply Valve	4,572.33	617.25

21 13 39 00-0006 Proportioners *(21 13 39 00-0001)*

21 13 39 00-0007	EA	8" Foam Proportioner	3,478.74	897.84

21 13 39 00-0008 Monitors *(21 13 39 00-0001)*

21 13 39 00-0009	EA	Oscillating Foam Monitor	6,638.64	123.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 13 41 Fire-Suppression Sprinkler Piping *(21 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe and fittings, 22 11 16 00-0383 for copper pipe and fittings, 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0858 for flanged black steel pipe fittings, 23 21 13 23-1456 for grooved pipe, 23 21 13 23-1529 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.

21 13 41 00-0001 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*

Note: SDR 13.5

21 13 41 00-0002 Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*

21 13 41 00-0003	LF	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	5.48	1.58
		For Work In Restricted Working Space, Add	*1.19*	
21 13 41 00-0004	LF	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.59	1.68
		For Work In Restricted Working Space, Add	*1.27*	
21 13 41 00-0005	LF	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	8.33	1.87
		For Work In Restricted Working Space, Add	*1.39*	
21 13 41 00-0006	LF	1-1/2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	10.25	2.08
		For Work In Restricted Working Space, Add	*1.54*	
21 13 41 00-0007	LF	2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	13.22	2.27
		For Work In Restricted Working Space, Add	*1.72*	
21 13 41 00-0008	LF	2-1/2" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	18.19	2.57
		For Work In Restricted Working Space, Add	*1.96*	
21 13 41 00-0009	LF	3" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	25.49	3.06
		For Work In Restricted Working Space, Add	*2.31*	

21 13 41 00-0010 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0011	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	25.69	9.48
		For Work In Restricted Working Space, Add	*7.11*	
21 13 41 00-0012	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	34.06	11.85
		For Work In Restricted Working Space, Add	*8.92*	
21 13 41 00-0013	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	42.60	14.82
		For Work In Restricted Working Space, Add	*11.14*	
21 13 41 00-0014	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	48.82	16.40
		For Work In Restricted Working Space, Add	*12.32*	
21 13 41 00-0015	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	55.47	18.37
		For Work In Restricted Working Space, Add	*13.75*	
21 13 41 00-0016	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	70.69	20.84
		For Work In Restricted Working Space, Add	*15.64*	
21 13 41 00-0017	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	86.85	24.69
		For Work In Restricted Working Space, Add	*18.49*	

21 13 41 00-0018 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0019	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	26.39	9.48
		For Work In Restricted Working Space, Add	*7.11*	
21 13 41 00-0020	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	32.93	11.85
		For Work In Restricted Working Space, Add	*8.92*	
21 13 41 00-0021	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	41.76	14.82
		For Work In Restricted Working Space, Add	*11.14*	
21 13 41 00-0022	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	47.47	16.40
		For Work In Restricted Working Space, Add	*12.32*	
21 13 41 00-0023	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	53.78	18.37
		For Work In Restricted Working Space, Add	*13.75*	
21 13 41 00-0024	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	66.42	20.84
		For Work In Restricted Working Space, Add	*15.64*	
21 13 41 00-0025	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	82.16	24.69
		For Work In Restricted Working Space, Add	*18.49*	

21 13 41 00-0026 Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0027	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	38.24	14.22
		For Work In Restricted Working Space, Add	*10.67*	
21 13 41 00-0028	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	49.97	17.88
		For Work In Restricted Working Space, Add	*13.39*	
21 13 41 00-0029	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	63.72	22.32
		For Work In Restricted Working Space, Add	*16.71*	
21 13 41 00-0030	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	73.42	24.69
		For Work In Restricted Working Space, Add	*18.49*	
21 13 41 00-0031	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	86.22	27.46
		For Work In Restricted Working Space, Add	*20.62*	
21 13 41 00-0032	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	106.63	31.31
		For Work In Restricted Working Space, Add	*23.47*	
21 13 41 00-0033	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	125.97	36.94
		For Work In Restricted Working Space, Add	*27.73*	

21 13 41 00-0034 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*

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21 13 41 00-0035	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	46.12	16.69
		For Work In Restricted Working Space, Add	*12.47*	
21 13 41 00-0036	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	60.27	20.84
		For Work In Restricted Working Space, Add	*15.59*	
21 13 41 00-0037	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	67.56	23.01
		For Work In Restricted Working Space, Add	*17.24*	
21 13 41 00-0038	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	80.26	25.68
		For Work In Restricted Working Space, Add	*19.26*	
21 13 41 00-0039	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	95.07	29.23
		For Work In Restricted Working Space, Add	*21.89*	
21 13 41 00-0040	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	111.83	34.47
		For Work In Restricted Working Space, Add	*25.90*	
21 13 41 00-0041		**Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	51.66	18.96
		For Work In Restricted Working Space, Add	*14.22*	
21 13 41 00-0043	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	64.79	23.80
		For Work In Restricted Working Space, Add	*17.84*	
21 13 41 00-0044	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	81.65	29.73
		For Work In Restricted Working Space, Add	*22.28*	
21 13 41 00-0045	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	92.25	32.89
		For Work In Restricted Working Space, Add	*24.65*	
21 13 41 00-0046	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	108.26	36.64
		For Work In Restricted Working Space, Add	*27.50*	
21 13 41 00-0047	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	140.51	41.68
		For Work In Restricted Working Space, Add	*31.29*	
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	17.71	6.32
		For Work In Restricted Working Space, Add	*4.74*	
21 13 41 00-0050	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	23.71	8.50
		For Work In Restricted Working Space, Add	*6.37*	
21 13 41 00-0051	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	31.48	11.16
		For Work In Restricted Working Space, Add	*8.36*	
21 13 41 00-0052	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	35.99	12.35
		For Work In Restricted Working Space, Add	*9.24*	
21 13 41 00-0053	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	41.39	13.72
		For Work In Restricted Working Space, Add	*10.31*	
21 13 41 00-0054	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	49.85	15.61
		For Work In Restricted Working Space, Add	*11.73*	
21 13 41 00-0055	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	60.22	18.47
		For Work In Restricted Working Space, Add	*13.87*	
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	9.05	3.16
		For Work In Restricted Working Space, Add	*2.37*	
21 13 41 00-0058	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	14.37	5.14
		For Work In Restricted Working Space, Add	*3.82*	
21 13 41 00-0059	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	16.56	5.53
		For Work In Restricted Working Space, Add	*4.18*	
21 13 41 00-0060	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	19.04	6.13
		For Work In Restricted Working Space, Add	*4.62*	
21 13 41 00-0061	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	22.66	6.92
		For Work In Restricted Working Space, Add	*5.16*	
21 13 41 00-0062	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	27.45	7.80
		For Work In Restricted Working Space, Add	*5.87*	
21 13 41 00-0063	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	35.91	9.29
		For Work In Restricted Working Space, Add	*6.93*	
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	24.90	9.38
		For Work In Restricted Working Space, Add	*7.02*	
21 13 41 00-0066	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	33.04	12.25
		For Work In Restricted Working Space, Add	*9.19*	
21 13 41 00-0067	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	36.50	13.53
		For Work In Restricted Working Space, Add	*10.16*	
21 13 41 00-0068	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	41.66	15.11
		For Work In Restricted Working Space, Add	*11.35*	
21 13 41 00-0069	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	49.66	17.19
		For Work In Restricted Working Space, Add	*12.92*	
21 13 41 00-0070	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	60.81	20.35
		For Work In Restricted Working Space, Add	*15.26*	
21 13 41 00-0071		**Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0072	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	22.35	6.92
		For Work In Restricted Working Space, Add	*5.21*	
21 13 41 00-0073	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	28.67	9.38
		For Work In Restricted Working Space, Add	*7.02*	
21 13 41 00-0074		Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	22.35	6.92
		For Work In Restricted Working Space, Add	*5.21*	
21 13 41 00-0076	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	28.67	9.38
		For Work In Restricted Working Space, Add	*7.02*	
21 13 41 00-0077		Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	25.96	8.50
		For Work In Restricted Working Space, Add	*6.40*	
21 13 41 00-0079	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	33.23	10.67
		For Work In Restricted Working Space, Add	*8.03*	
21 13 41 00-0080	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	34.65	10.67
		For Work In Restricted Working Space, Add	*8.03*	
21 13 41 00-0081		Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	42.57	14.22
		For Work In Restricted Working Space, Add	*10.67*	
21 13 41 00-0083	EA	1" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	52.24	17.88
		For Work In Restricted Working Space, Add	*13.39*	
21 13 41 00-0084	EA	1-1/4" Diameter, Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.	68.35	22.32
		For Work In Restricted Working Space, Add	*16.71*	
21 13 41 00-0085	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.	78.32	24.69
		For Work In Restricted Working Space, Add	*18.49*	
21 13 41 00-0086	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" Diameter FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	92.19	27.46
		For Work In Restricted Working Space, Add	*20.62*	

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001 Carbon Dioxide Cylinders *(21 21 16)*

21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 Lb.	2,752.32	245.20
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 Lb. (Each)	5,504.65	490.40
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	360.45	122.17
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	169.64	44.80
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	41.51	18.16

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0004	EA	20 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 Lb. tank capacity. Excludes Sapphire agent.	1,737.19	83.59
21 22 16 00-0005	EA	40 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 Lb. tank capacity. Excludes Sapphire agent.	1,981.96	83.59
21 22 16 00-0006	EA	80 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 Lb. tank capacity. Excludes Sapphire agent.	2,014.14	83.59
21 22 16 00-0007	EA	140 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 Lb. tank capacity. Excludes Sapphire agent.	2,859.76	111.45
21 22 16 00-0008	EA	280 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 Lb. tank capacity. Excludes Sapphire agent.	3,021.56	111.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0009	EA	390 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 Lb. tank capacity. Excludes Sapphire agent.	3,227.62	139.31
21 22 16 00-0010	EA	450 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 Lb. tank capacity. Excludes Sapphire agent.	3,424.91	139.31
21 22 16 00-0011	EA	850 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 Lb. tank capacity. Excludes Sapphire agent.	5,170.68	167.19
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	43.71	167.19

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	165.65	13.94
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	169.82	13.94
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	180.27	13.94
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	187.58	13.94
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	198.01	13.94
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	229.32	13.94
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	165.65	13.94
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	169.82	13.94
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	180.27	13.94
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	187.58	13.94
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	198.01	13.94
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	229.32	13.94

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	14.80	4.18
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	16.60	4.18
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	22.43	9.75
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	53.32	12.48
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	79.24	12.48
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	95.76	12.48
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	47.36	12.48
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	328.34	111.45
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	317.50	83.59
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	716.67	111.45

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	52.91	13.94
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	57.62	13.94

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0041	EA	Tank Bracket Assembly For 20 Lb., 40 Lb., 50 Lb., 80 Lb., And 90 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	162.93	41.80
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 Lb., 280 Lb., 390 Lb., And 450 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	172.32	41.80
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	184.33	41.80

21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0045	EA	1" Diameter, Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	443.22	44.36
21 22 16 00-0046	EA	2" Diameter, Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	622.34	76.12

21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	138.19	27.86
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	522.36	27.86
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	439.88	27.86
21 22 16 00-0051	EA	3" Diameter, Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,922.35	111.45

21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	49.37	19.50
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	88.40	19.50
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	247.08	13.94
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	319.13	13.94

21 22 16 00-0057 Pressure Switches, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	180.87	55.73
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	183.56	23.41
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	563.54	97.52

21 22 16 00-0061 Level Indicators, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0062	EA	Liquid Level Indicator For 280 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	663.24	19.50
21 22 16 00-0063	EA	Liquid Level Indicator For 390 Lb. And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	694.58	19.50
21 22 16 00-0064	EA	Liquid Level Indicator For 450 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	743.64	27.86

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21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	50.14	16.72
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	62.91	19.50
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	209.15	83.59
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	244.96	83.59
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	274.71	83.59
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	370.75	83.59
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	59.60	22.29
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	99.36	13.94
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	133.51	27.86
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	350.27	111.45
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	532.94	111.45
21 22 16 00-0078	EA	1" Diameter, Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,813.78	111.45
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	194.07	27.61
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	225.76	29.67
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	403.90	53.70
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	811.49	122.29
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Diameter, Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,965.02	161.40
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Diameter, Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	57.64	8.46
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	678.29	90.69
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	2,111.44	283.75
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	2,011.42	289.07
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,759.52	259.69
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,995.97	294.23
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,858.19	381.28
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,858.39	465.91
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	2,063.36	328.07
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,926.09	415.24
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	3,016.48	500.66
21 22 16 00-0100		**Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	66.43	9.44
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	66.43	9.44
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	80.16	10.49
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,265.74	180.20
21 22 16 00-0105		**Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	21.34	2.76
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	30.26	3.94
21 22 16 00-0108		**Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	23.52	3.09
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	21.73	3.09
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	94.47	13.30
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	99.11	13.92
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	115.16	16.09
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	128.35	18.16
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	147.23	20.89
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	144.65	20.58
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	150.08	21.19
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	138.44	19.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	141.73	21.19
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	164.58	23.31
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	175.96	24.82
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	189.42	26.64
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	326.03	46.61
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	431.08	61.15
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	469.92	67.20
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	168.44	24.19
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	198.71	28.33
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	163.52	23.31
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	174.68	24.70
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	176.21	24.82
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	212.71	30.15
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	229.26	32.68
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	351.91	50.16
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	410.89	58.72
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	450.23	64.18
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	189.42	26.64
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	232.38	33.17
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	249.94	35.72
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	351.91	50.16
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	384.51	54.97
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	451.76	64.18
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	525.24	75.24
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	620.96	88.99
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	792.21	175.56
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	1,020.69	205.84
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,303.02	345.08
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	772.37	175.56
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	854.88	122.62
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,303.02	345.08
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	789.07	175.56
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	888.52	127.43
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,277.96	345.08
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	889.31	133.79
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,458.76	207.57
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	2,077.25	276.58
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,202.75	281.35
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	102.99	14.31
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	123.05	18.95
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,180.00	148.08
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	129.11	14.06
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	135.33	14.80
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	142.11	15.06
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	152.51	15.56
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	158.68	17.07
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	159.38	18.45
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	349.31	49.44
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	352.42	49.95
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	451.76	64.00
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	164.58	23.31
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705)	224.89	53.27
		Note: Includes saddle, padding and fasteners.		
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856)	429.65	34.45
		Note: Includes gasket and fasteners.		
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857)	360.70	51.43
		Note: Includes gasket and fasteners.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	724.76	345.08
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	226.15	32.17
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	265.48	37.53
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	719.48	345.08
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	235.44	33.70
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	275.86	39.27
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	745.58	345.08
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.22	2.56
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.74	2.81
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	50.33	3.33
21 22 16 00-0191		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	28.82	4.09
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	237.15	31.12
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	176.63	31.12
21 22 16 00-0195		Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0001)*		
21 22 16 00-0196		Accessory Switches, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	185.75	26.86
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	211.11	30.62
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	268.53	38.90
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	289.22	41.92
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	362.15	52.71
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	385.45	55.97
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	738.79	107.92
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	59.51	8.03
21 22 16 00-0205		Alarm Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	160.91	23.34
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	235.95	34.13
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	21.53	3.11
21 22 16 00-0209		Annunciators, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,853.94	270.81
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,554.15	226.89
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,206.48	176.19
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	1,050.78	153.35
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	1,050.78	153.35
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	841.75	122.74
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,554.15	226.89
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	316.11	45.93
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	396.29	57.73
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	794.67	115.95
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	134.27	19.45
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	182.61	26.86
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	316.13	45.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0223		**Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	245.65	37.40
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	15.18	2.56
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	106.51	3.11
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	16.42	3.11
21 22 16 00-0228		**Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	546.09	83.83
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	327.37	49.95
21 22 16 00-0231		**Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	241.35	32.12
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	504.72	68.02
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	569.58	77.05
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	744.48	93.87
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,200.16	162.89
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	179.55	25.85
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	320.78	46.69
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	652.41	95.12
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,896.62	277.09
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,387.03	202.54
21 22 16 00-0242		**Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	146.14	21.46
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	136.50	21.33
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	185.00	30.62
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	274.73	39.90
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	213.60	32.38
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	200.62	31.12
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	31.96	4.97
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	117.93	17.57
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	117.97	17.07
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	41.85	14.06
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	10.85	1.56
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	113.55	16.44
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	66.52	9.69
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	180.08	25.60
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	94.17	13.55
21 22 16 00-0258		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	27.11	3.64
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	16.81	2.01
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	235.95	34.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	709.63	98.14
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,354.45	197.78
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	36.13	5.12
21 22 16 00-0266		Vesda® Aspirating Smoke Detection System *(21 22 16 00-0001)*		
21 22 16 00-0267		Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	183.67	24.09
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	400.32	36.33
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	1,021.28	140.55
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	1,021.28	140.55
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,534.48	210.83
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,534.48	210.83
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,243.03	268.55
21 22 16 00-0275		Blank Plates, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	32.94	4.52
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	49.75	4.52
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	72.14	8.53
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	112.50	9.54
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	141.20	19.08
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	261.97	24.09
21 22 16 00-0282		Detectors, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	7,708.78	1,179.63
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	9,837.29	1,455.71
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	8,894.64	1,330.21
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	12,371.11	1,756.89
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	13,024.42	1,857.28
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	12,507.02	1,781.99
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	13,208.94	1,882.38
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	13,585.63	1,957.68
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	14,174.59	2,058.07
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	14,898.92	2,158.47
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	15,534.85	2,258.86
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	14,601.90	2,058.07
21 22 16 00-0295		Displays, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,347.73	276.08
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,359.22	276.08
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	2,126.14	250.99
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	2,139.49	250.99
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,644.81	301.18
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,247.41	261.02
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,459.89	293.15
21 22 16 00-0303		Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,899.94	828.25
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,859.59	662.59
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,717.72	250.99
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,237.08	163.14
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,723.77	219.86
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,471.85	271.07
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	325.17	40.66
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	2,174.97	250.99
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,552.72	208.31
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,219.55	160.63
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,555.23	208.31
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,552.72	208.31
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,535.58	195.76
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	182.93	17.57
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	7,418.95	963.78
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	12,927.36	1,686.61
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	1,010.35	125.49
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	23.00	2.51
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	13.00	0.51
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	556.52	72.79
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	674.21	88.35
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	973.27	128.00
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	143.40	19.08
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	22.36	4.01
21 22 16 00-0328		Labels And Decals, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	20.34	3.01
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	21.35	3.52
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	32.94	4.52
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	32.99	4.52
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	119.55	17.07
21 22 16 00-0334		Mounting Hardware, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	295.36	36.15
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	397.96	48.19
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	407.08	52.71
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	991.14	75.29
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,457.74	165.65
21 22 16 00-0340		Pipe And Fittings, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4" Diameter, Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	5.50	1.58
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	9.19	3.16
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	24.97	9.48
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	25.91	9.48
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	17.95	6.32
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	29.19	9.48
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	38.50	14.22
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	48.61	16.69
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	5.32	1.82
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	21.31	5.52
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	26.04	4.01
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	37.36	5.52
21 22 16 00-0353		Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,705.36	192.75
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,738.03	221.87
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	1,051.99	135.53
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,202.07	153.10
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,705.36	192.75
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	2,058.02	221.87
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	583.75	68.27
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	877.98	104.40
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,653.39	215.84
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,425.55	316.24
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	130.93	17.57
21 22 16 00-0367	EA	Weatherproof Back Box For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	97.95	13.06
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	3,168.79	463.06
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	96.96	10.64
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	95.73	13.80
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	57.01	8.29
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	23.30	3.36
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	108.20	14.56
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	152.54	20.58
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,190.98	161.63
21 22 16 00-0379	EA	Surface Mounted Back Box For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	34.63	4.67
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	15.52	2.08
21 22 16 00-0381		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0382		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	62.76	8.44
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	115.62	16.31
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	115.62	16.31
21 22 16 00-0386		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0387	EA	26 Lb. Cylinder, Filled, For FM200 Fire Protection system	3,733.97	121.08
21 22 16 00-0388	EA	44 Lb. Cylinder, Filled, For FM200 Fire Protection system	5,356.25	138.64
21 22 16 00-0389	EA	63 Lb. Cylinder, Filled, For FM200 Fire Protection system	6,358.20	163.46
21 22 16 00-0390	EA	101 Lb. Cylinder, Filled, For FM200 Fire Protection system	8,429.18	193.72
21 22 16 00-0391	EA	196 Lb. Cylinder, Filled, For FM200 Fire Protection system	13,181.82	242.16
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	801.76	242.16
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	280.05	80.52
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	345.93	60.54
21 22 16 00-0395	LB	FM200 Gas	28.95	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	6,106.39	65.14
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	868.88	91.06
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	865.19	97.59
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	214.52	34.51
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	248.91	65.14
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,123.82	97.59
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	828.55	257.41
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,406.00	483.59
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	7,121.46	968.27
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	348.30	97.59
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,570.61	366.51
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	378.81	97.59
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	345.36	97.59
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,606.21	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	240.88	45.40

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16		**Wet-Chemical Fire-Extinguishing Equipment** *(21 23)*		
21 23 16 00-0001		Kidde Fire Systems *(21 23 16)*		
		Note: Kidde or equal.		
21 23 16 00-0002		Cylinders And Hardware *(21 23 16 00-0001)*		
21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	1,031.97	100.31
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,184.42	124.94
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,451.20	154.14
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,713.56	182.90
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	57.90	5.24
21 23 16 00-0008	EA	System Valve Actuator	207.69	20.84
21 23 16 00-0009	EA	Vent Plug	38.92	4.23
21 23 16 00-0010	EA	Gauge Shield	96.98	11.15
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	106.98	11.15
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	113.40	11.81
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	215.58	22.29
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	211.43	25.30
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	287.57	25.36
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	38.89	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	41.02	
21 23 16 00-0018		Nozzles And Accessories *(21 23 16 00-0001)*		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	95.91	10.26
21 23 16 00-0020	EA	LPF Or DM Nozzle	104.38	10.26
21 23 16 00-0021	EA	LPR Nozzle	121.82	10.26
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	72.02	7.25
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	11.33	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	6.99	0.67
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	37.46	10.20
21 23 16 00-0026		Control Systems *(21 23 16 00-0001)*		
21 23 16 00-0027	EA	XV Control System	1,224.16	66.87
		Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.		
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	103.38	11.15
21 23 16 00-0029	EA	24" High Pressure Hose	122.58	11.15
21 23 16 00-0030	EA	60" High Pressure Hose	165.26	11.15
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	238.76	22.29
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	78.57	10.48
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	84.97	10.48
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	33.79	8.36
21 23 16 00-0035	EA	KRS-50 Control Box Assembly	688.14	43.19
		Note: Includes (1) SVA, (2) CO_2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.		
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	100.51	10.48
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	181.97	18.17
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	558.40	58.29
21 23 16 00-0039		Mechanical Actuation Components *(21 23 16 00-0001)*		
21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems	62.22	16.72
		Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.		
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit	88.92	16.72
		Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.		
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	244.22	11.15
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	186.60	11.15
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	28.02	3.01
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	390.58	18.39
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	46.98	4.90
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	98.64	5.57
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.75	1.11
21 23 16 00-0049	EA	Cable Clamp	13.91	0.56
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.81	0.44
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.74	0.44
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	100.26	10.37
21 23 16 00-0053		Mechanical Detection Links *(21 23 16 00-0001)*		
21 23 16 00-0054	EA	KGS Standard Response Link	20.97	5.57
21 23 16 00-0055	EA	KGS Rapid Response Link	30.79	5.57
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	26.39	5.57
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	26.09	5.57
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	38.89	5.57
21 23 16 00-0059		Gas Valves *(21 23 16 00-0001)*		
21 23 16 00-0060	EA	3/4" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	456.17	24.07
21 23 16 00-0061	EA	1" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	496.13	29.65
21 23 16 00-0062	EA	1-1/4" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	569.37	37.45
21 23 16 00-0063	EA	1-1/2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	624.59	43.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0064	EA	2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	674.11	50.94
21 23 16 00-0065	EA	2-1/2" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	1,118.99	74.45
21 23 16 00-0066	EA	3" Diameter NPT, Mechanical Cable Operated Gas Shut-off Valve	1,249.16	86.15
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	518.19	27.20
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	63.67	
21 23 16 00-0069	EA	1/2" Diameter, Electric Solenoid Gas Shut-off Valve	476.50	22.41
21 23 16 00-0070	EA	3/4" Diameter, Electric Solenoid Gas Shut-off Valve	479.87	24.07
21 23 16 00-0071	EA	1" Diameter, Electric Solenoid Gas Shut-off Valve	741.63	29.65
21 23 16 00-0072	EA	1-1/4" Diameter, Electric Solenoid Gas Shut-off Valve	784.39	37.45
21 23 16 00-0073	EA	1-1/2" Diameter, Electric Solenoid Gas Shut-off Valve	900.56	43.13
21 23 16 00-0074	EA	2" Diameter, Electric Solenoid Gas Shut-off Valve	1,158.33	50.94
21 23 16 00-0075	EA	2-1/2" Diameter, Electric Solenoid Gas Shut-off Valve	1,916.44	74.45
21 23 16 00-0076	EA	3" Diameter, Electric Solenoid Gas Shut-off Valve	2,408.94	86.15
21 23 16 00-0077	EA	Manual Reset Relay	638.86	112.02
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	51.68	4.68
21 23 16 00-0080	EA	1/2" Diameter Tubing, 1/4" Diameter Pipe, Compression Seal Adapter	50.81	5.12
21 23 16 00-0081	EA	5/8" Diameter Tubing, 3/8" Diameter Pipe, Compression Seal Adapter	59.64	6.13
21 23 16 00-0082	EA	3/4" Diameter Tubing, 1/2" Diameter Pipe, Compression Seal Adapter	68.93	6.58
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	59.64	6.13
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	50.81	5.12
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	50.81	5.12
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	83.38	8.69
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	111.02	11.48
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	50.81	
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	370.34	33.66
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	331.06	34.33
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	264.03	8.47
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	950.93	97.08
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	202.39	20.73
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	308.86	20.73
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	307.06	14.71
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	93.32	9.36
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	12.33	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	762.17	78.02
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	1,160.88	79.13
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,672.14	114.02
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	2,191.19	155.93
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	236.13	18.62
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,555.09	121.71
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	949.48	74.23
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	30.66	2.46
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	30.66	2.46
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	31.44	2.46
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	30.66	2.46
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	30.66	2.46
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	33.50	2.46
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	53.11	4.12
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	68.89	5.46
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	68.46	28.20
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	655.25	62.75
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	568.35	24.07
21 23 16 00-0121	EA	1" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	645.72	29.65
21 23 16 00-0122	EA	1-1/4" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	692.93	37.45
21 23 16 00-0123	EA	1-1/2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	760.84	43.02
21 23 16 00-0124	EA	2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	874.24	50.82
21 23 16 00-0125	EA	2-1/2" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	2,068.97	74.34
21 23 16 00-0126	EA	3" Diameter, Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	2,202.77	86.04
21 23 16 00-0127	EA	3/4" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	442.19	24.07
21 23 16 00-0128	EA	1" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	762.41	29.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0129	EA	1-1/4" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	790.67	37.45
21 23 16 00-0130	EA	1-1/2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	899.57	43.02
21 23 16 00-0131	EA	2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	1,252.65	50.82
21 23 16 00-0132	EA	2-1/2" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	2,441.04	74.34
21 23 16 00-0133	EA	3" Diameter, Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	2,568.58	86.04
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	110.17	8.25
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	157.41	10.48
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	630.27	10.48
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	40.57	3.23
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	1,328.81	104.66
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,692.96	133.86
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	868.59	68.54
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	1,048.11	82.59
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	958.35	75.56
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	1,000.06	79.02
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	1,302.87	102.76
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,494.42	118.14
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	121.38	9.58
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	30.95	1.56
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	31.65	2.01
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	97.34	7.69
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	1.17	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	105.87	8.36
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	212.09	16.60
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	448.85	35.22
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	2.10	0.33
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	1.13	0.33
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	5.28	0.44
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.82	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	100.52	8.02
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	104.96	8.36
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	12.31	1.00
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	144.77	10.92
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	20.23	1.56
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	28.15	2.23
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	12.31	1.00
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	17.33	1.33
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	16.94	1.33
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	4.84	0.33
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	8.21	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	156.78	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	1,076.91	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	1,393.71	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,607.45	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	49.29	3.79
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	51.03	4.01
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	98.30	7.69
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	139.09	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	298.99	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0187		Pull Stations/Accessories, Kitchen Fire Suppression Systems *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	198.48	15.72
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	208.16	22.07
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	53.11	4.12
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	6.47	1.45
21 23 16 00-0192		Asco Gas Valve Control Panels *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,601.30	245.20
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,688.94	245.20
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	878.03	55.73
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	820.78	55.73

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		Amerex KP Restaurant Fire Suppression Systems *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	641.88	86.49
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	895.20	109.03
21 24 16 00-0004	EA	Recharge 3.75 Gallon - KP Liquid Agent	212.61	
21 24 16 00-0005	EA	Recharge 6 Gallon - KP Liquid Agent	373.74	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	148.83	18.15
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	86.70	10.52
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	37.59	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	148.83	18.15
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	373.74	45.50
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	199.19	24.20
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	243.21	24.20
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	593.08	72.24
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	44.76	5.44
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder	199.19	24.20
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check	35.81	4.35
21 24 16 00-0017	EA	Detector	26.85	3.27
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	10.07	1.21
21 24 16 00-0019	EA	Test Link	3.21	
21 24 16 00-0020	EA	Corner Pulley	13.87	1.70
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	223.79	27.23
21 24 16 00-0022	EA	Pulley Tee	100.71	12.22
21 24 16 00-0023	EA	Manual Pull Station (Standard)	89.51	10.89
21 24 16 00-0024	EA	Manual Recess Standard Pull Station, Adapter Kit	41.99	5.08
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	99.81	12.10
21 24 16 00-0026	EA	Conduit Offset	19.92	2.42
21 24 16 00-0027	EA	3/8" Diameter Pipe Thread, Seal (Quick-Seal)	27.45	3.39
21 24 16 00-0028	EA	1/2" Diameter Pipe Thread, Seal (Quick-Seal	22.37	2.79
21 24 16 00-0029	EA	3/8" Diameter Pipe Compression Seal	37.37	4.60
21 24 16 00-0030	EA	1/2" Diameter Pipe Compression Seal	37.37	4.60
21 24 16 00-0031	EA	Standard Cap, Nozzle Blow-Off	10.49	3.15
21 24 16 00-0032	EA	High Temperature Cap, Nozzle Blow-Off	24.88	3.15
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	44.76	5.44
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	44.76	5.44
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	44.76	5.44
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	44.76	5.44
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	44.76	5.44
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	64.37	7.87
21 24 16 00-0039	EA	3/4" Or 1" Diameter, Mechanical Gas Valve	357.04	32.06
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Diameter, Mechanical Gas Valve	419.96	46.59
21 24 16 00-0041	EA	2" Diameter, Mechanical Gas Valve	523.24	55.06
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	563.96	68.61
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	29.68	3.63
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	47.88	5.81
21 24 16 00-0045	EA	Gas Valve Trip Assembly	100.71	12.22
21 24 16 00-0046		Range Guard Fire Suppression Systems *(21 24 16)* Note: Range Guard or equal.		
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	681.35	93.51
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	850.52	116.70
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	1,050.02	144.11
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	1,247.18	171.09
21 24 16 00-0051	EA	Vent Plug	28.61	3.90
21 24 16 00-0052	EA	Discharge Adapter Kit	36.87	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	75.84	10.37
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	80.26	11.04
21 24 16 00-0055	EA	4 Gallon Wall Bracket	151.59	20.84
21 24 16 00-0056	EA	6 Gallon Wall Bracket	167.99	23.07
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	592.68	81.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	618.34	84.82
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	709.34	97.30
21 24 16 00-0060	EA	Tandem Control Head	539.01	74.01
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	912.35	125.16
21 24 16 00-0062	EA	Mechanical Control Box	406.01	55.73
21 24 16 00-0063	EA	Tandem Control Box	406.01	55.73
21 24 16 00-0064	EA	Mechanical Control Box Adapter	119.00	16.38
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	357.62	49.04
21 24 16 00-0066	EA	Pressure Operated Actuator	147.00	20.17
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	238.01	32.65
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	242.67	33.32
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	59.50	8.14
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	686.74	94.18
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	147.00	20.17
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	147.00	20.17
21 24 16 00-0073	EA	Check Valve	123.15	23.96
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	66.50	9.14
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	28.93	3.97
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	7.61	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	151.67	20.84
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	69.53	9.58
21 24 16 00-0079	EA	Nozzles; DM And LPF	77.46	10.59
21 24 16 00-0080	EA	Swivel Adapter	49.00	6.69
21 24 16 00-0081	EA	Corner Pulley	21.00	2.90
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.93	0.33
21 24 16 00-0083	EA	Cable Crimp Sleeve	1.13	0.33
21 24 16 00-0084	EA	"S" Hook	0.88	0.22
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	72.31	9.92
21 24 16 00-0086	EA	Cable Clamp	6.45	0.89
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.88	0.22
21 24 16 00-0088	EA	3/8" Cable Anchor	76.41	10.48
21 24 16 00-0089	EA	1/2" Cable Anchor	76.41	10.48
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	123.61	16.94
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	131.91	18.06
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	154.55	21.17
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	48.42	6.69
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	202.90	27.75
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	154.55	21.17
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	184.24	25.30
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	33.12	4.57
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	36.77	5.01
21 24 16 00-0099	EA	Fusible Link 165F To 360F	12.04	1.67
21 24 16 00-0100	EA	Fusible Link 500F	19.07	1.67
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	36.77	5.01
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	27.03	5.01
21 24 16 00-0103	EA	Quartzoid Link 400 F	198.23	27.20
21 24 16 00-0104	EA	Quartzoid Link 500 F	198.23	27.20
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	71.04	9.69
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	123.60	16.94
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	73.46	10.04
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	127.33	17.49
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	93.28	12.81
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	134.57	18.39
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	394.13	54.06
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	177.25	24.30
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	177.25	24.30
21 24 16 00-0114	EA	Electric Manual Pull Station	129.44	17.73
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	72.30	9.92
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	102.62	14.05
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	8.31	1.11
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	36.77	5.01
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	36.77	5.01
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	135.27	18.50
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	149.26	20.51
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	3.92	1.45
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	18.65	2.57
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	200.57	27.53
21 24 16 00-0125	EA	Suppression Abort Station	212.22	29.09
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	247.21	33.89
21 24 16 00-0127	EA	Surface Mount Back Box	81.63	11.15
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,515.90	207.64
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,515.90	207.64
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	125.94	17.27
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	4.85	0.78
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	1,096.04	
21 24 16 00-0133	EA	Extra Scorpio Key	18.65	
21 24 16 00-0134	EA	Extra Scorpio Manual	11.66	
21 24 16 00-0135	EA	3/8" Diameter Pipe Compression Seal Adapter	31.72	4.35
21 24 16 00-0136	EA	1/2" Diameter Tubing, 1/4" Diameter Pipe Compression Seal Adapter	34.43	4.68
21 24 16 00-0137	EA	5/8" Diameter Tubing, 3/8" Diameter Pipe Compression Seal Adapter	41.42	5.68
21 24 16 00-0138	EA	3/4" Diameter Tubing, 1/2" Diameter Pipe Compression Seal Adapter	44.31	6.02
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	34.43	4.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	34.43	4.68
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	58.91	8.14
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	78.12	10.70
21 24 16 00-0143	EA	Up To 1-1/8" Diameter Quik Patch	34.43	4.68
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	76.64	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	131.76	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	199.15	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	291.41	
21 24 16 00-0148	EA	Inlet Flushing Adapter	57.13	7.80
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	57.13	7.80
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	57.13	7.80
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	57.13	7.80
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	57.13	7.80
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	79.29	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	6.34	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	7.61	
21 24 16 00-0156	EA	Inspection Label, Authorized Installers Only	5.33	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	3.80	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	1,002.77	137.42
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	1,170.69	160.38
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,457.55	199.73
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,457.55	199.73
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,833.01	251.11
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	868.69	119.03
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	816.21	111.78
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	659.97	90.39
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,142.70	156.59
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	1,047.07	143.45

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump and motor, motor starter, panel, and controller.

21 31 13 00-0002	EA	20 HP, 500 GPM, Electric-Drive Fire Pump	22,449.69	1,963.01
		For Duplex Pumping System, Add	*20,486.68*	
21 31 13 00-0003	EA	30 HP, 500 GPM, Electric-Drive Fire Pump	25,892.58	2,208.39
		For Duplex Pumping System, Add	*23,847.78*	
21 31 13 00-0004	EA	40 HP, 750 GPM, Electric-Drive Fire Pump	34,678.20	2,453.76
		For Duplex Pumping System, Add	*32,406.20*	
21 31 13 00-0005	EA	50 HP, 1,000 GPM, Electric-Drive Fire Pump	42,690.66	2,733.03
		For Duplex Pumping System, Add	*39,957.63*	
21 31 13 00-0006	EA	75 HP, 1,000 GPM, Electric-Drive Fire Pump	47,574.77	2,981.49
		For Duplex Pumping System, Add	*44,593.28*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump and motor, motor starter, panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	81,765.29	2,236.12
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	92,509.24	2,484.58
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	97,160.91	2,733.03
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	110,609.09	2,981.49
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	117,301.54	3,478.41
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	126,023.78	4,472.23
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	136,756.94	4,969.15
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	156,383.77	5,664.83
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	187,532.36	6,112.06
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	220,097.32	6,956.81
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	261,499.26	7,453.73
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	294,612.19	7,950.65

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001 Jockey Pumps *(21 34 13)*

Note: Excludes controller

21 34 13 00-0002	EA	1-1/2 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	2,591.77	266.70
21 34 13 00-0003	EA	2 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	2,703.63	291.66
21 34 13 00-0004	EA	3 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	3,330.39	322.35
21 34 13 00-0005	EA	5 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	3,654.38	383.76
21 34 13 00-0006	EA	7.5 HP, 1-1/2" Diameter Pipe Connection, Jockey Pump	5,387.55	472.01

21 34 13 00-0007 Jockey Pump Controllers *(21 34 13)*

21 34 13 00-0008	EA	Up To 2 HP Jockey Pump Controller	686.88	76.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 34 13 00-0009	EA	>2 To 7.5 HP Jockey Pump Controller	1,060.88	76.75

END OF SECTION 21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	46.48	
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	48.32	
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	53.12	
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	56.64	
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	61.28	
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	78.08	
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	99.01	
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	114.75	
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	131.47	
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	73.63	
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	77.55	
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	85.83	
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	94.34	
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	103.95	
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	134.20	
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	162.31	
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	184.47	
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	209.08	
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	104.86	
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	109.00	
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	120.44	
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	132.09	
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	149.12	
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	182.15	
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	213.13	
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	256.62	
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	316.45	
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	324.39	
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	347.75	

22 01 10 61-0031 Replace Drain Covers *(22 01 10 61)*

22 01 10 61-0032	EA	4-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	58.34	
22 01 10 61-0033	EA	4-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	58.36	
22 01 10 61-0034	EA	5" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	41.77	
22 01 10 61-0035	EA	5-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.50	
22 01 10 61-0036	EA	5-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.37	
22 01 10 61-0037	EA	6" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	50.10	
22 01 10 61-0038	EA	6-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	57.80	
22 01 10 61-0039	EA	6-3/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	80.53	
22 01 10 61-0040	EA	6-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	63.89	
22 01 10 61-0041	EA	6-5/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	64.85	
22 01 10 61-0042	EA	6-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 10 61-0043	EA	6-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	87.91	
22 01 10 61-0044	EA	7" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	71.98	
22 01 10 61-0045	EA	7-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	75.41	
22 01 10 61-0046	EA	7-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	80.43	
22 01 10 61-0047	EA	7-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	83.58	
22 01 10 61-0048	EA	7-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	106.37	
22 01 10 61-0049	EA	8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	90.39	
22 01 10 61-0050	EA	8-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	94.87	
22 01 10 61-0051	EA	8-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	98.29	
22 01 10 61-0052	EA	8-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	109.13	
22 01 10 61-0053	EA	9" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	128.60	
22 01 10 61-0054	EA	9-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	141.11	
22 01 10 61-0055	EA	9-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	148.97	
22 01 10 61-0056	EA	9-5/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	175.20	
22 01 10 61-0057	EA	9-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	158.65	
22 01 10 61-0058	EA	10" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	160.05	
22 01 10 61-0059	EA	10-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	181.78	
22 01 10 61-0060	EA	10-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.04	
22 01 10 61-0061	EA	10-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.47	
22 01 10 61-0062	EA	10-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	184.14	
22 01 10 61-0063	EA	10-7/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	183.94	
22 01 10 61-0064	EA	11" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.92	
22 01 10 61-0065	EA	11-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.85	
22 01 10 61-0066	EA	11-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.26	
22 01 10 61-0067	EA	12" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	166.02	
22 01 10 61-0068	EA	4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	47.79	
22 01 10 61-0069	EA	4-1/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	51.80	
22 01 10 61-0070	EA	4-3/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	61.21	
22 01 10 61-0071	EA	5-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	80.72	
22 01 10 61-0072	EA	7-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	121.27	
22 01 10 61-0073	EA	9-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	182.19	

22 01 10 61-0074 Repair And Tape Pipe Insulation Seam *(22 01 10 61)*

22 01 10 61-0075	LF	Repair and Taping Of Damaged Pipe Insulation Seam	1.34	

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Diameter Compression Shut-off Valve With 15" Polybutylene Supply Tube	62.73	
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Diameter Compression x 1/2" Diameter FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	23.43	
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	30.48	
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	42.59	
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	66.15	
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	42.93	
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	44.44	
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	53.21	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	41.16	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	121.47	
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	33.78	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	17.92	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	18.85	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	17.92	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	9.63	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" Diameter x 8"	28.08	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2" Diameter	47.31	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	34.39	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	34.10	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	38.70	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	28.55	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Diameter Faucet Hole Cover	21.46	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	40.15	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	10.12	
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	159.44	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	200.17	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	215.24	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	229.78	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	205.23	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	24.81	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	18.42	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	19.85	
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	75.47	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	77.49	
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	331.58	
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	65.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	45.92	
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	11.27	
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	77.73	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	39.90	
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	44.01	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	27.61	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	36.65	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	41.62	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	30.59	
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	234.87	
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	296.23	
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	178.45	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves *(22 05 23)*

22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	98.88	12.10
		For 150 Lb. Rating, Add	*6.36*	
		For 200 Lb. Rating, Add	*9.55*	
		For Work In Restricted Working Space, Add	*10.57*	
22 05 23 00-0004	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	100.73	12.10
		For 150 Lb. Rating, Add	*6.36*	
		For 200 Lb. Rating, Add	*9.55*	
		For Work In Restricted Working Space, Add	*11.13*	
22 05 23 00-0005	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	103.04	12.10
		For 150 Lb. Rating, Add	*6.40*	
		For 200 Lb. Rating, Add	*9.60*	
		For Work In Restricted Working Space, Add	*11.71*	
22 05 23 00-0006	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	121.41	13.31
		For 150 Lb. Rating, Add	*6.88*	
		For 200 Lb. Rating, Add	*10.32*	
		For Work In Restricted Working Space, Add	*15.79*	
22 05 23 00-0007	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	147.96	15.13
		For 150 Lb. Rating, Add	*8.43*	
		For 200 Lb. Rating, Add	*12.64*	
		For Work In Restricted Working Space, Add	*19.11*	
22 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	218.26	16.10
		For 150 Lb. Rating, Add	*13.76*	
		For 200 Lb. Rating, Add	*20.64*	
		For Work In Restricted Working Space, Add	*24.20*	
22 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	242.62	18.63
		For 150 Lb. Rating, Add	*14.95*	
		For 200 Lb. Rating, Add	*22.43*	
		For Work In Restricted Working Space, Add	*27.92*	
22 05 23 00-0010	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	291.18	22.03
		For 150 Lb. Rating, Add	*18.12*	
		For 200 Lb. Rating, Add	*27.18*	
		For Work In Restricted Working Space, Add	*33.00*	
22 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	674.12	29.76
		For 150 Lb. Rating, Add	*52.55*	
		For 200 Lb. Rating, Add	*78.83*	
		For Work In Restricted Working Space, Add	*44.58*	
		For Chain Operated Type, Add	*236.48*	
22 05 23 00-0012	EA	3" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve	791.59	34.55
		For 150 Lb. Rating, Add	*62.01*	
		For 200 Lb. Rating, Add	*93.02*	
		For Work In Restricted Working Space, Add	*51.44*	

22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, NIBCO T113-LF)

22 05 23 00-0014	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	120.08	12.10
		For 150 Lb. Rating, Add	*8.48*	
		For 200 Lb. Rating, Add	*12.73*	
		For Work In Restricted Working Space, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0015	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	121.75	12.10
		For 150 Lb. Rating, Add	*8.47*	
		For 200 Lb. Rating, Add	*12.70*	
		For Work In Restricted Working Space, Add	*11.13*	
22 05 23 00-0016	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	142.22	12.10
		For 150 Lb. Rating, Add	*10.32*	
		For 200 Lb. Rating, Add	*15.48*	
		For Work In Restricted Working Space, Add	*11.71*	
22 05 23 00-0017	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	160.60	13.31
		For 150 Lb. Rating, Add	*10.80*	
		For 200 Lb. Rating, Add	*16.20*	
		For Work In Restricted Working Space, Add	*15.79*	
22 05 23 00-0018	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	192.67	15.13
		For 150 Lb. Rating, Add	*12.90*	
		For 200 Lb. Rating, Add	*19.35*	
		For Work In Restricted Working Space, Add	*19.11*	
22 05 23 00-0019	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	279.41	16.10
		For 150 Lb. Rating, Add	*19.87*	
		For 200 Lb. Rating, Add	*29.81*	
		For Work In Restricted Working Space, Add	*24.20*	
22 05 23 00-0020	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	319.54	18.63
		For 150 Lb. Rating, Add	*22.65*	
		For 200 Lb. Rating, Add	*33.97*	
		For Work In Restricted Working Space, Add	*27.92*	
22 05 23 00-0021	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve	410.03	22.03
		For 150 Lb. Rating, Add	*30.00*	
		For 200 Lb. Rating, Add	*45.00*	
		For Work In Restricted Working Space, Add	*33.00*	

22 05 23 00-0022 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valves *(22 05 23 00-0001)*

Note: 200 psi cold working pressure.

22 05 23 00-0023	EA	1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	138.18	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0024	EA	3/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	155.58	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0025	EA	1" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	204.83	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0026	EA	1-1/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	280.20	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0027	EA	1-1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	325.01	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0028	EA	2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	448.11	22.03
		For Work In Restricted Working Space, Add	*16.34*	

22 05 23 00-0029 Ball Valves *(22 05 23)*

22 05 23 00-0030 Crimped Bronze, Ball Valves *(22 05 23 00-0029)*

22 05 23 00-0031 Crimped Bronze, 250 PSI, Ball Valves *(22 05 23 00-0030)*

Note: NIBCO

22 05 23 00-0032	EA	1/2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	94.24	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0033	EA	3/4" Diameter, Crimped Bronze, 250 PSI, Ball Valve	122.32	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0034	EA	1" Diameter, Crimped Bronze, 250 PSI, Ball Valve	157.26	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0035	EA	1-1/4" Diameter, Crimped Bronze, 250 PSI, Ball Valve	255.83	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0036	EA	1-1/2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	338.93	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0037	EA	2" Diameter, Crimped Bronze, 250 PSI, Ball Valve	512.11	22.03
		For Work In Restricted Working Space, Add	*16.34*	

22 05 23 00-0038 Crimped Bronze, 200 PSI, Full Port Ball Valves *(22 05 23 00-0030)*

22 05 23 00-0039	EA	1/2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	56.46	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0040	EA	3/4" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	72.08	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0041	EA	1" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	87.62	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0042	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	123.01	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0043	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	159.14	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0044	EA	2" Diameter, Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	236.15	22.03
		For Work In Restricted Working Space, Add	*16.34*	

22 05 23 00-0045 Crimped Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*

22 05 23 00-0046	EA	1/2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	65.15	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0047	EA	3/4" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	78.40	13.31
		For Work In Restricted Working Space, Add	*9.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0048	EA	1" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	97.73	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0049	EA	1-1/4" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	154.60	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0050	EA	1-1/2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	227.08	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0051	EA	2" Diameter, Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	315.15	22.03
		For Work In Restricted Working Space, Add	*16.34*	
22 05 23 00-0052		**Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves** *(22 05 23 00-0030)*		
22 05 23 00-0053	EA	1/2" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	62.78	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0054	EA	3/4" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	76.19	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0055	EA	1" Diameter, Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	92.67	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0056		**Check Valves** *(22 05 23)*		
22 05 23 00-0057		**Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves** *(22 05 23 00-0056)*		
		Note: NIBCO		
22 05 23 00-0058	EA	1/2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	182.09	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0059	EA	3/4" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	232.10	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0060	EA	1" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	321.36	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0061	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	429.15	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0062	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	512.28	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0063	EA	2" Diameter, Crimped Bronze, 200 PSI, Y-Pattern Check Valve	734.01	22.03
		For Work In Restricted Working Space, Add	*16.34*	
22 05 23 00-0064		**Crimped Bronze, 250 PSI, In-Line, Check Valves** *(22 05 23 00-0056)*		
22 05 23 00-0065	EA	1/2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	49.79	12.10
		For Work In Restricted Working Space, Add	*8.17*	
22 05 23 00-0066	EA	3/4" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	59.87	13.31
		For Work In Restricted Working Space, Add	*9.30*	
22 05 23 00-0067	EA	1" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	70.33	15.13
		For Work In Restricted Working Space, Add	*11.12*	
22 05 23 00-0068	EA	1-1/4" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	88.95	16.10
		For Work In Restricted Working Space, Add	*12.25*	
22 05 23 00-0069	EA	1-1/2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	113.68	18.63
		For Work In Restricted Working Space, Add	*13.61*	
22 05 23 00-0070	EA	2" Diameter, Crimped Bronze, 200 PSI, In-Line Check Valve	178.75	22.03
		For Work In Restricted Working Space, Add	*16.34*	
22 05 23 00-0071		**Butterfly Valves** *(22 05 23)*		
22 05 23 00-0072		**Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve** *(22 05 23 00-0071)*		
22 05 23 00-0073	EA	2-1/2" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,372.08	32.31
		For Work In Restricted Working Space, Add	*19.06*	
22 05 23 00-0074	EA	3" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,484.85	37.51
		For Work In Restricted Working Space, Add	*22.69*	
22 05 23 00-0075	EA	4" Diameter, Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,855.75	42.36
		For Work In Restricted Working Space, Add	*29.95*	
22 05 23 00-0076		**Regulator Valves** *(22 05 23)*		
22 05 23 00-0077	EA	4" Diameter, Regulator Valve (Cla-Val)	4,027.02	
22 05 23 00-0078	EA	8" Diameter, Regulator Valve (Cla-Val)	5,478.63	
22 05 23 00-0079	EA	10" Diameter, Regulator Valve (Cla-Val)	7,464.77	
22 05 23 00-0080	EA	12" Diameter, Regulator Valve (Cla-Val)	9,046.96	
22 05 23 00-0081	EA	18" Diameter, Regulator Valve (Cla-Val)	15,943.88	
22 05 23 00-0082	EA	24" Diameter, Regulator Valve (Cla-Val)	25,792.57	
22 05 23 00-0083		**Oxygen (Medical) Service Ball Valve** *(22 05 23)*		
22 05 23 00-0084	EA	1/2" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ93HE6)	374.22	22.03
22 05 23 00-0085	EA	3/4" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ93HE8)	385.80	24.20
22 05 23 00-0086	EA	1" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ93HCA)	520.90	25.53
22 05 23 00-0087	EA	1-1/4" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ93HEB)	634.01	32.31
22 05 23 00-0088	EA	1-1/2" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ93HEC)	550.63	37.28
22 05 23 00-0089	EA	2" Diameter Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (NIBCO NJ9210D)	840.97	44.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0090		Earthquake-Sensitive Gas Shut-Off Valves *(22 05 23)*		
22 05 23 00-0091		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0090)*		
22 05 23 00-0092	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	185.83	13.31
22 05 23 00-0093	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	210.34	15.13
22 05 23 00-0094		7 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0090)*		
22 05 23 00-0095	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	245.65	16.10
22 05 23 00-0096	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	331.39	18.63
22 05 23 00-0097		60 PSI Threaded Earthquake Gas Shutoff Valves *(22 05 23 00-0090)*		
22 05 23 00-0098	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	229.82	13.31
22 05 23 00-0099	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	240.89	15.13
22 05 23 00-0100	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	270.10	16.10
22 05 23 00-0101	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	368.05	18.63
22 05 23 00-0102	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	843.27	22.03
22 05 23 00-0103	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,003.52	29.65
22 05 23 00-0104	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,301.91	34.55
22 05 23 00-0105	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,508.82	39.01
22 05 23 00-0106		60 PSI Flanged Earthquake Gas Shutoff Valves *(22 05 23 00-0090)*		
22 05 23 00-0107	EA	2" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,179.36	161.30
22 05 23 00-0108	EA	3" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,453.13	189.47
22 05 23 00-0109	EA	4" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,047.89	317.65
22 05 23 00-0110	EA	6" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	3,367.59	395.11
22 05 23 00-0111	EA	8" Diameter Flanged, 60 PSI Earthquake Gas Shutoff Valve	9,059.64	504.86

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing for Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001		Cast Iron Cleanout With Plug And Cover *(22 05 76)* Note: For floor installation.		
22 05 76 00-0002		Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*		
22 05 76 00-0003	EA	2" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	765.70	64.38
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0004	EA	3" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	824.77	80.71
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0005	EA	4" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,030.61	97.54
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0006	EA	5" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,486.48	109.15
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0007	EA	6" Diameter, Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,833.53	118.23
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

22 05 76 00-0008 Cast Iron Heavy-Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	884.78	64.38
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0010	EA	3" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	945.74	80.71
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0011	EA	4" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,151.58	97.54
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0012	EA	5" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,607.45	109.15
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0013	EA	6" Diameter, Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,954.50	118.23
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

22 05 76 00-0014 Wall Cover For Cleanout *(22 05 76)*

Note: Cover and screw only.

22 05 76 00-0015 Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	89.20	20.21
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	97.27	24.20
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	122.60	27.23
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	200.65	30.26
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	296.71	33.28
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	

22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	589.20	20.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	850.40	21.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	908.71	22.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	1,016.40	25.41
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		Secured Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	599.69	20.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	865.85	21.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	925.23	22.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	1,034.88	25.41
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	581.57	20.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	806.29	21.18
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	1,145.35	22.39
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,387.06	25.41
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		Cast Iron Cleanout Tee *(22 05 76)*		
22 05 76 00-0037		Cast Iron Cleanout Tee And Round Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	551.60	64.38
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	628.22	80.59
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	822.47	97.54
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Diameter, Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	1,997.97	118.23
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0042		Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	974.47	64.38
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,051.09	80.59
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,217.28	97.54
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Diameter, Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,569.15	118.23
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0047		Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*		
22 05 76 00-0048	EA	2" Diameter, Cleanout Tee With Cast Bronze Screw Plug	452.28	52.64
22 05 76 00-0049	EA	3" Diameter, Cleanout Tee With Cast Bronze Screw Plug	506.10	57.48
22 05 76 00-0050	EA	4" Diameter, Cleanout Tee With Cast Bronze Screw Plug	674.80	75.63
22 05 76 00-0051	EA	5" Diameter, Cleanout Tee With Cast Bronze Screw Plug	1,021.56	89.55
22 05 76 00-0052	EA	6" Diameter, Cleanout Tee With Cast Bronze Screw Plug	1,756.28	105.88

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0053		Removable Cleanout Plug *(22 05 76)*		
22 05 76 00-0054		Threaded Bronze Plugs *(22 05 76 00-0053)*		
22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Diameter, Threaded Bronze Plug	84.28	15.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Diameter, Threaded Bronze Plug	101.42	16.46
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Diameter, Threaded Bronze Plug	176.08	18.15
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Diameter, Threaded Bronze Plug	196.85	21.18
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Diameter, Threaded Bronze Plug	222.51	24.20
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Diameter, Threaded Bronze Plug	314.36	27.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Diameter, Threaded Bronze Plug	465.02	30.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Diameter, Threaded Bronze Plug	789.58	33.28
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Diameter, Threaded Bronze Plug	1,138.76	36.31
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0064		Threaded Brass Plugs *(22 05 76 00-0053)*		
22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	33.72	15.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	34.33	15.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	37.43	16.45
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	42.38	18.15
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	50.06	21.18
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	58.84	24.20
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	63.20	25.49
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	67.95	27.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	88.63	30.25
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	33.25	15.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	33.92	15.13
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	38.74	16.45
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	42.57	18.15
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	49.50	21.18
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	57.95	24.20
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	67.47	27.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	80.78	30.26
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001		Lavatory Insulation *(22 07 16)*		
22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	378.44	26.32

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001		Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)* Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0002		1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	9.05	2.58
		For Single Layer Of Felt Finish, Add	*0.22*	
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	9.28	2.58
		For Single Layer Of Felt Finish, Add	*0.24*	
		For Work In Restricted Working Space, Add	*2.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	9.88	2.69
		For Single Layer Of Felt Finish, Add	*0.26*	
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	10.25	2.81
		For Single Layer Of Felt Finish, Add	*0.29*	
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	10.57	2.81
		For Single Layer Of Felt Finish, Add	*0.31*	
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	11.19	2.92
		For Single Layer Of Felt Finish, Add	*0.33*	
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	11.78	3.04
		For Single Layer Of Felt Finish, Add	*0.37*	
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	12.49	3.16
		For Single Layer Of Felt Finish, Add	*0.42*	
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	14.30	3.39
		For Single Layer Of Felt Finish, Add	*0.54*	
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket	16.91	3.98
		For Single Layer Of Felt Finish, Add	*0.65*	
		For Work In Restricted Working Space, Add	*3.22*	
22 07 19 00-0013		**1" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.10	3.51
		For Single Layer Of Felt Finish, Add	*0.26*	
		For Work In Restricted Working Space, Add	*2.88*	
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.46	3.51
		For Single Layer Of Felt Finish, Add	*0.30*	
		For Work In Restricted Working Space, Add	*2.88*	
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	12.66	3.51
		For Single Layer Of Felt Finish, Add	*0.31*	
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	13.18	3.63
		For Single Layer Of Felt Finish, Add	*0.35*	
		For Work In Restricted Working Space, Add	*2.97*	
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	13.56	3.63
		For Single Layer Of Felt Finish, Add	*0.37*	
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	14.16	3.75
		For Single Layer Of Felt Finish, Add	*0.41*	
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	14.97	3.98
		For Single Layer Of Felt Finish, Add	*0.45*	
		For Work In Restricted Working Space, Add	*3.22*	
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	15.80	4.09
		For Single Layer Of Felt Finish, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	18.03	4.32
		For Single Layer Of Felt Finish, Add	*0.65*	
		For Work In Restricted Working Space, Add	*3.55*	
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	20.94	5.03
		For Single Layer Of Felt Finish, Add	*0.80*	
		For Work In Restricted Working Space, Add	*4.01*	
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	26.14	5.62
		For Single Layer Of Felt Finish, Add	*1.14*	
		For Work In Restricted Working Space, Add	*4.60*	
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	30.73	6.67
		For Single Layer Of Felt Finish, Add	*1.33*	
		For Work In Restricted Working Space, Add	*5.43*	
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	35.23	7.61
		For Single Layer Of Felt Finish, Add	*1.51*	
		For Work In Restricted Working Space, Add	*6.27*	
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket	38.24	8.30
		For Single Layer Of Felt Finish, Add	*1.75*	
		For Work In Restricted Working Space, Add	*6.49*	
22 07 19 00-0028		**1-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	15.06	3.62
		For Single Layer Of Felt Finish, Add	*0.53*	
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	15.29	3.62
		For Single Layer Of Felt Finish, Add	*0.55*	
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	16.16	3.83
		For Single Layer Of Felt Finish, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.18*	
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	16.77	3.91
		For Single Layer Of Felt Finish, Add	*0.63*	
		For Work In Restricted Working Space, Add	*3.24*	
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	17.30	3.98
		For Single Layer Of Felt Finish, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	18.48	4.19
		For Single Layer Of Felt Finish, Add	*0.72*	
		For Work In Restricted Working Space, Add	*3.49*	
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	19.35	4.25
		For Single Layer Of Felt Finish, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.54*	
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	19.98	4.41
		For Single Layer Of Felt Finish, Add	*0.82*	
		For Work In Restricted Working Space, Add	*3.66*	
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	22.11	4.77
		For Single Layer Of Felt Finish, Add	*0.94*	
		For Work In Restricted Working Space, Add	*3.96*	
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	25.58	5.57
		For Single Layer Of Felt Finish, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.63*	
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	29.00	5.87
		For Single Layer Of Felt Finish, Add	*1.34*	
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	35.53	7.03
		For Single Layer Of Felt Finish, Add	*1.69*	
		For Work In Restricted Working Space, Add	*5.84*	
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	40.15	8.19
		For Single Layer Of Felt Finish, Add	*1.83*	
		For Work In Restricted Working Space, Add	*6.80*	
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket	45.09	8.97
		For Single Layer Of Felt Finish, Add	*2.12*	
		For Work In Restricted Working Space, Add	*7.46*	

22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	18.92	3.98
		For Single Layer Of Felt Finish, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	19.19	3.98
		For Single Layer Of Felt Finish, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	19.89	4.09
		For Single Layer Of Felt Finish, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.34*	
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	20.53	4.09
		For Single Layer Of Felt Finish, Add	*0.97*	
		For Work In Restricted Working Space, Add	*3.38*	
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	21.20	4.21
		For Single Layer Of Felt Finish, Add	*1.03*	
		For Work In Restricted Working Space, Add	*3.43*	
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	22.00	4.32
		For Single Layer Of Felt Finish, Add	*1.07*	
		For Work In Restricted Working Space, Add	*3.55*	
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	23.17	4.45
		For Single Layer Of Felt Finish, Add	*1.15*	
		For Work In Restricted Working Space, Add	*3.68*	
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	24.44	4.68
		For Single Layer Of Felt Finish, Add	*1.24*	
		For Work In Restricted Working Space, Add	*3.80*	
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	26.85	4.91
		For Single Layer Of Felt Finish, Add	*1.42*	
		For Work In Restricted Working Space, Add	*4.01*	
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	31.71	5.77
		For Single Layer Of Felt Finish, Add	*1.65*	
		For Work In Restricted Working Space, Add	*4.81*	
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	36.30	6.09
		For Single Layer Of Felt Finish, Add	*2.03*	
		For Work In Restricted Working Space, Add	*5.08*	
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	43.44	7.28
		For Single Layer Of Felt Finish, Add	*2.43*	
		For Work In Restricted Working Space, Add	*6.08*	
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	49.72	8.74
		For Single Layer Of Felt Finish, Add	*2.67*	
		For Work In Restricted Working Space, Add	*7.28*	
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	62.62	9.54
		For Single Layer Of Felt Finish, Add	*3.02*	
		For Work In Restricted Working Space, Add	*10.16*	
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	66.61	11.17
		For Single Layer Of Felt Finish, Add	*3.44*	
		For Work In Restricted Working Space, Add	*10.16*	
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	74.47	11.73
		For Single Layer Of Felt Finish, Add	*4.09*	
		For Work In Restricted Working Space, Add	*10.66*	
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	84.30	13.41
		For Single Layer Of Felt Finish, Add	*4.59*	
		For Work In Restricted Working Space, Add	*12.19*	
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket	97.52	16.20
		For Single Layer Of Felt Finish, Add	*5.09*	
		For Work In Restricted Working Space, Add	*14.73*	

22 07 19 00-0062 2-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	23.70	4.68
		For Single Layer Of Felt Finish, Add	*1.16*	
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	24.08	4.68
		For Single Layer Of Felt Finish, Add	*1.20*	
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	25.11	4.68
		For Single Layer Of Felt Finish, Add	*1.28*	
		For Work In Restricted Working Space, Add	*3.87*	
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	25.89	4.80
		For Single Layer Of Felt Finish, Add	*1.35*	
		For Work In Restricted Working Space, Add	*3.90*	
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	26.70	4.80
		For Single Layer Of Felt Finish, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.92*	
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	27.81	5.03
		For Single Layer Of Felt Finish, Add	*1.49*	
		For Work In Restricted Working Space, Add	*4.09*	
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	29.44	5.14
		For Single Layer Of Felt Finish, Add	*1.61*	
		For Work In Restricted Working Space, Add	*4.23*	
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	30.92	5.38
		For Single Layer Of Felt Finish, Add	*1.71*	
		For Work In Restricted Working Space, Add	*4.38*	
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	34.41	5.62
		For Single Layer Of Felt Finish, Add	*2.00*	
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	39.48	5.97
		For Single Layer Of Felt Finish, Add	*2.31*	
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	53.71	7.13
		For Single Layer Of Felt Finish, Add	*3.59*	
		For Work In Restricted Working Space, Add	*5.85*	
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	64.35	8.19
		For Single Layer Of Felt Finish, Add	*4.40*	
		For Work In Restricted Working Space, Add	*6.74*	
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	72.52	10.17
		For Single Layer Of Felt Finish, Add	*4.68*	
		For Work In Restricted Working Space, Add	*8.38*	
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	82.30	11.23
		For Single Layer Of Felt Finish, Add	*5.44*	
		For Work In Restricted Working Space, Add	*9.15*	
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	96.06	14.27
		For Single Layer Of Felt Finish, Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.70*	
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	103.56	14.97
		For Single Layer Of Felt Finish, Add	*6.58*	
		For Work In Restricted Working Space, Add	*12.28*	
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	117.45	17.08
		For Single Layer Of Felt Finish, Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.04*	
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket	137.74	20.64
		For Single Layer Of Felt Finish, Add	*8.53*	
		For Work In Restricted Working Space, Add	*16.96*	

22 07 19 00-0081 3" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	26.12	5.17
		For Single Layer Of Felt Finish, Add	*1.27*	
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	26.53	5.17
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	27.60	5.21
		For Single Layer Of Felt Finish, Add	*1.41*	
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	28.45	5.25
		For Single Layer Of Felt Finish, Add	*1.49*	
		For Work In Restricted Working Space, Add	*4.29*	
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	29.39	5.31
		For Single Layer Of Felt Finish, Add	*1.57*	
		For Work In Restricted Working Space, Add	*4.33*	
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	30.54	5.51
		For Single Layer Of Felt Finish, Add	*1.63*	
		For Work In Restricted Working Space, Add	*4.49*	
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	32.34	5.70
		For Single Layer Of Felt Finish, Add	*1.77*	
		For Work In Restricted Working Space, Add	*4.65*	
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	33.97	5.91
		For Single Layer Of Felt Finish, Add	*1.88*	
		For Work In Restricted Working Space, Add	*4.81*	
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	37.80	6.23
		For Single Layer Of Felt Finish, Add	*2.19*	
		For Work In Restricted Working Space, Add	*5.08*	
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	43.38	7.08
		For Single Layer Of Felt Finish, Add	*2.53*	
		For Work In Restricted Working Space, Add	*5.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	58.97	7.88
		For Single Layer Of Felt Finish, Add	*3.94*	
		For Work In Restricted Working Space, Add	*6.43*	
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	70.68	9.10
		For Single Layer Of Felt Finish, Add	*4.82*	
		For Work In Restricted Working Space, Add	*7.42*	
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	79.67	11.31
		For Single Layer Of Felt Finish, Add	*5.14*	
		For Work In Restricted Working Space, Add	*9.22*	
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	90.40	12.36
		For Single Layer Of Felt Finish, Add	*5.97*	
		For Work In Restricted Working Space, Add	*10.07*	
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	105.52	15.78
		For Single Layer Of Felt Finish, Add	*6.58*	
		For Work In Restricted Working Space, Add	*12.87*	
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	113.76	16.58
		For Single Layer Of Felt Finish, Add	*7.22*	
		For Work In Restricted Working Space, Add	*13.51*	
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	129.03	18.95
		For Single Layer Of Felt Finish, Add	*8.14*	
		For Work In Restricted Working Space, Add	*15.45*	
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket	151.33	22.88
		For Single Layer Of Felt Finish, Add	*9.36*	
		For Work In Restricted Working Space, Add	*18.66*	

22 07 19 00-0100 3-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	28.11	5.62
		For Single Layer Of Felt Finish, Add	*1.34*	
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	28.59	5.62
		For Single Layer Of Felt Finish, Add	*1.39*	
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	30.17	5.62
		For Single Layer Of Felt Finish, Add	*1.54*	
		For Work In Restricted Working Space, Add	*4.65*	
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	31.06	5.73
		For Single Layer Of Felt Finish, Add	*1.62*	
		For Work In Restricted Working Space, Add	*4.68*	
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	32.11	5.73
		For Single Layer Of Felt Finish, Add	*1.71*	
		For Work In Restricted Working Space, Add	*4.73*	
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	33.33	5.97
		For Single Layer Of Felt Finish, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.90*	
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	35.30	6.20
		For Single Layer Of Felt Finish, Add	*1.93*	
		For Work In Restricted Working Space, Add	*5.07*	
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	36.95	6.44
		For Single Layer Of Felt Finish, Add	*2.04*	
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	41.31	6.79
		For Single Layer Of Felt Finish, Add	*2.40*	
		For Work In Restricted Working Space, Add	*5.55*	
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	47.35	7.72
		For Single Layer Of Felt Finish, Add	*2.77*	
		For Work In Restricted Working Space, Add	*6.29*	
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	64.42	8.54
		For Single Layer Of Felt Finish, Add	*4.31*	
		For Work In Restricted Working Space, Add	*7.01*	
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	77.22	9.83
		For Single Layer Of Felt Finish, Add	*5.28*	
		For Work In Restricted Working Space, Add	*8.09*	
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	87.02	12.28
		For Single Layer Of Felt Finish, Add	*5.62*	
		For Work In Restricted Working Space, Add	*10.06*	
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	98.77	13.46
		For Single Layer Of Felt Finish, Add	*6.53*	
		For Work In Restricted Working Space, Add	*10.98*	
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	115.30	17.08
		For Single Layer Of Felt Finish, Add	*7.19*	
		For Work In Restricted Working Space, Add	*14.04*	
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	124.27	18.01
		For Single Layer Of Felt Finish, Add	*7.89*	
		For Work In Restricted Working Space, Add	*14.74*	
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	140.98	20.59
		For Single Layer Of Felt Finish, Add	*8.90*	
		For Work In Restricted Working Space, Add	*16.86*	
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket	165.32	24.80
		For Single Layer Of Felt Finish, Add	*10.23*	
		For Work In Restricted Working Space, Add	*20.36*	

22 07 19 00-0119 4" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	31.94	6.31
		For Single Layer Of Felt Finish, Add	*1.56*	
		For Work In Restricted Working Space, Add	*5.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	32.47	6.31
		For Single Layer Of Felt Finish, Add	*1.62*	
		For Work In Restricted Working Space, Add	*5.12*	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	33.87	6.31
		For Single Layer Of Felt Finish, Add	*1.73*	
		For Work In Restricted Working Space, Add	*5.22*	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	35.02	6.44
		For Single Layer Of Felt Finish, Add	*1.83*	
		For Work In Restricted Working Space, Add	*5.28*	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	36.51	6.67
		For Single Layer Of Felt Finish, Add	*1.93*	
		For Work In Restricted Working Space, Add	*5.44*	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	37.86	6.90
		For Single Layer Of Felt Finish, Add	*2.01*	
		For Work In Restricted Working Space, Add	*5.61*	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	39.70	6.90
		For Single Layer Of Felt Finish, Add	*2.17*	
		For Work In Restricted Working Space, Add	*5.70*	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	41.76	7.25
		For Single Layer Of Felt Finish, Add	*2.32*	
		For Work In Restricted Working Space, Add	*5.91*	
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	46.43	7.61
		For Single Layer Of Felt Finish, Add	*2.69*	
		For Work In Restricted Working Space, Add	*6.23*	
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	53.26	8.66
		For Single Layer Of Felt Finish, Add	*3.12*	
		For Work In Restricted Working Space, Add	*7.07*	
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	72.47	9.36
		For Single Layer Of Felt Finish, Add	*4.85*	
		For Work In Restricted Working Space, Add	*7.89*	
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	86.88	11.11
		For Single Layer Of Felt Finish, Add	*5.93*	
		For Work In Restricted Working Space, Add	*9.11*	
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	97.92	13.80
		For Single Layer Of Felt Finish, Add	*6.32*	
		For Work In Restricted Working Space, Add	*11.32*	
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	111.15	15.09
		For Single Layer Of Felt Finish, Add	*7.34*	
		For Work In Restricted Working Space, Add	*12.36*	
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	129.75	19.31
		For Single Layer Of Felt Finish, Add	*8.09*	
		For Work In Restricted Working Space, Add	*15.81*	
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	139.75	20.24
		For Single Layer Of Felt Finish, Add	*8.88*	
		For Work In Restricted Working Space, Add	*16.57*	
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	156.39	23.17
		For Single Layer Of Felt Finish, Add	*9.79*	
		For Work In Restricted Working Space, Add	*18.96*	
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	186.00	27.95
		For Single Layer Of Felt Finish, Add	*11.51*	
		For Work In Restricted Working Space, Add	*22.91*	
22 07 19 00-0138	LF	26" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	211.65	32.99
		For Single Layer Of Felt Finish, Add	*12.78*	
		For Work In Restricted Working Space, Add	*26.99*	
22 07 19 00-0139	LF	28" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	237.41	38.83
		For Single Layer Of Felt Finish, Add	*13.80*	
		For Work In Restricted Working Space, Add	*31.79*	
22 07 19 00-0140	LF	30" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	266.17	45.86
		For Single Layer Of Felt Finish, Add	*14.77*	
		For Work In Restricted Working Space, Add	*37.65*	
22 07 19 00-0141	LF	36" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	319.39	58.30
		For Single Layer Of Felt Finish, Add	*16.78*	
		For Work In Restricted Working Space, Add	*47.88*	
22 07 19 00-0142	LF	42" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	372.62	71.01
		For Single Layer Of Felt Finish, Add	*18.79*	
		For Work In Restricted Working Space, Add	*58.10*	
22 07 19 00-0143	LF	44" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	399.31	78.02
		For Single Layer Of Felt Finish, Add	*19.51*	
		For Work In Restricted Working Space, Add	*64.04*	
22 07 19 00-0144	LF	46" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket	423.60	83.99
		For Single Layer Of Felt Finish, Add	*20.30*	
		For Work In Restricted Working Space, Add	*69.08*	

22 07 19 00-0145 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0146 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0147	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	20.82	5.71
		For Work In Restricted Working Space, Add	*5.19*	
22 07 19 00-0148	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	21.71	5.71
		For Work In Restricted Working Space, Add	*5.19*	
22 07 19 00-0149	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	22.87	5.79
		For Work In Restricted Working Space, Add	*5.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0150	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	23.42	5.87
		For Work In Restricted Working Space, Add	*5.34*	
22 07 19 00-0151	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	24.27	5.95
		For Work In Restricted Working Space, Add	*5.42*	
22 07 19 00-0152	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	25.91	6.12
		For Work In Restricted Working Space, Add	*5.57*	
22 07 19 00-0153	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	27.97	6.37
		For Work In Restricted Working Space, Add	*5.80*	
22 07 19 00-0154	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	30.22	6.54
		For Work In Restricted Working Space, Add	*5.95*	
22 07 19 00-0155	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	35.03	7.03
		For Work In Restricted Working Space, Add	*6.40*	
22 07 19 00-0156	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	44.77	7.93
		For Work In Restricted Working Space, Add	*7.22*	

22 07 19 00-0157 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0158	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.77	6.32
		For Work In Restricted Working Space, Add	*5.57*	
22 07 19 00-0159	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.34	6.32
		For Work In Restricted Working Space, Add	*5.57*	
22 07 19 00-0160	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.16	6.42
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0161	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.81	6.50
		For Work In Restricted Working Space, Add	*5.71*	
22 07 19 00-0162	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.43	6.59
		For Work In Restricted Working Space, Add	*5.79*	
22 07 19 00-0163	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	29.80	6.80
		For Work In Restricted Working Space, Add	*5.98*	
22 07 19 00-0164	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.87	7.05
		For Work In Restricted Working Space, Add	*6.21*	
22 07 19 00-0165	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.51	7.26
		For Work In Restricted Working Space, Add	*6.40*	
22 07 19 00-0166	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	42.57	7.73
		For Work In Restricted Working Space, Add	*6.81*	
22 07 19 00-0167	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	50.20	8.76
		For Work In Restricted Working Space, Add	*7.71*	
22 07 19 00-0168	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	56.15	9.77
		For Work In Restricted Working Space, Add	*8.60*	
22 07 19 00-0169	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	68.24	11.26
		For Work In Restricted Working Space, Add	*9.91*	
22 07 19 00-0170	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	80.83	14.00
		For Work In Restricted Working Space, Add	*12.32*	
22 07 19 00-0171	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	89.88	14.73
		For Work In Restricted Working Space, Add	*13.38*	
22 07 19 00-0172	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	98.91	16.45
		For Work In Restricted Working Space, Add	*14.96*	
22 07 19 00-0173	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	111.92	19.46
		For Work In Restricted Working Space, Add	*17.69*	
22 07 19 00-0174	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	125.07	21.54
		For Work In Restricted Working Space, Add	*19.58*	
22 07 19 00-0175	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	156.81	23.86
		For Work In Restricted Working Space, Add	*21.69*	

22 07 19 00-0176 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0177	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	27.94	6.54
		For Work In Restricted Working Space, Add	*5.95*	
22 07 19 00-0178	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	28.82	6.54
		For Work In Restricted Working Space, Add	*5.95*	
22 07 19 00-0179	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	29.92	6.61
		For Work In Restricted Working Space, Add	*6.02*	
22 07 19 00-0180	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	31.55	6.70
		For Work In Restricted Working Space, Add	*6.09*	
22 07 19 00-0181	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	33.20	6.79
		For Work In Restricted Working Space, Add	*6.17*	
22 07 19 00-0182	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	37.25	7.03
		For Work In Restricted Working Space, Add	*6.40*	
22 07 19 00-0183	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	39.08	7.28
		For Work In Restricted Working Space, Add	*6.62*	
22 07 19 00-0184	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	42.00	7.53
		For Work In Restricted Working Space, Add	*6.84*	
22 07 19 00-0185	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	47.41	7.94
		For Work In Restricted Working Space, Add	*7.22*	
22 07 19 00-0186	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	56.82	9.02
		For Work In Restricted Working Space, Add	*8.20*	
22 07 19 00-0187	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	63.24	10.06
		For Work In Restricted Working Space, Add	*9.14*	
22 07 19 00-0188	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	77.12	11.59
		For Work In Restricted Working Space, Add	*10.54*	
22 07 19 00-0189	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	95.51	14.42
		For Work In Restricted Working Space, Add	*13.10*	
22 07 19 00-0190	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	101.96	15.73
		For Work In Restricted Working Space, Add	*14.30*	
22 07 19 00-0191	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	120.19	20.10
		For Work In Restricted Working Space, Add	*18.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0192	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	131.23	21.11
		For Work In Restricted Working Space, Add	*19.19*	
22 07 19 00-0193	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	144.98	24.14
		For Work In Restricted Working Space, Add	*21.94*	
22 07 19 00-0194	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	182.13	29.16
		For Work In Restricted Working Space, Add	*26.51*	
22 07 19 00-0195		2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*		
22 07 19 00-0196	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.13	7.09
		For Work In Restricted Working Space, Add	*6.44*	
22 07 19 00-0197	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.62	7.08
		For Work In Restricted Working Space, Add	*6.44*	
22 07 19 00-0198	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.48	7.19
		For Work In Restricted Working Space, Add	*6.55*	
22 07 19 00-0199	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	39.14	7.25
		For Work In Restricted Working Space, Add	*6.59*	
22 07 19 00-0200	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.81	7.31
		For Work In Restricted Working Space, Add	*6.64*	
22 07 19 00-0201	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	43.80	7.61
		For Work In Restricted Working Space, Add	*6.92*	
22 07 19 00-0202	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	46.67	7.87
		For Work In Restricted Working Space, Add	*7.16*	
22 07 19 00-0203	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	50.78	8.14
		For Work In Restricted Working Space, Add	*7.40*	
22 07 19 00-0204	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	57.04	8.59
		For Work In Restricted Working Space, Add	*7.81*	
22 07 19 00-0205	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	68.35	9.77
		For Work In Restricted Working Space, Add	*8.88*	
22 07 19 00-0206	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	76.16	10.89
		For Work In Restricted Working Space, Add	*9.90*	
22 07 19 00-0207	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	86.86	12.55
		For Work In Restricted Working Space, Add	*11.42*	
22 07 19 00-0208	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	108.16	15.61
		For Work In Restricted Working Space, Add	*14.18*	
22 07 19 00-0209	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	112.58	17.03
		For Work In Restricted Working Space, Add	*15.49*	
22 07 19 00-0210	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	132.29	21.77
		For Work In Restricted Working Space, Add	*19.79*	
22 07 19 00-0211	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	144.07	22.86
		For Work In Restricted Working Space, Add	*20.78*	
22 07 19 00-0212	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	165.69	26.13
		For Work In Restricted Working Space, Add	*23.75*	
22 07 19 00-0213	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	207.82	31.57
		For Work In Restricted Working Space, Add	*28.70*	
22 07 19 00-0214		3" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*		
22 07 19 00-0215	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	41.51	7.54
		For Work In Restricted Working Space, Add	*6.85*	
22 07 19 00-0216	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	42.41	7.54
		For Work In Restricted Working Space, Add	*6.85*	
22 07 19 00-0217	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	43.68	7.66
		For Work In Restricted Working Space, Add	*6.96*	
22 07 19 00-0218	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	44.75	7.71
		For Work In Restricted Working Space, Add	*7.01*	
22 07 19 00-0219	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	45.85	7.78
		For Work In Restricted Working Space, Add	*7.07*	
22 07 19 00-0220	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	49.34	8.09
		For Work In Restricted Working Space, Add	*7.36*	
22 07 19 00-0221	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	52.71	8.38
		For Work In Restricted Working Space, Add	*7.61*	
22 07 19 00-0222	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	60.13	8.67
		For Work In Restricted Working Space, Add	*7.88*	
22 07 19 00-0223	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	68.83	9.13
		For Work In Restricted Working Space, Add	*8.31*	
22 07 19 00-0224	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	75.26	10.39
		For Work In Restricted Working Space, Add	*9.44*	
22 07 19 00-0225	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	85.05	11.58
		For Work In Restricted Working Space, Add	*10.53*	
22 07 19 00-0226	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	101.59	13.36
		For Work In Restricted Working Space, Add	*12.14*	
22 07 19 00-0227	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	117.69	16.60
		For Work In Restricted Working Space, Add	*15.09*	
22 07 19 00-0228	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	125.90	18.12
		For Work In Restricted Working Space, Add	*16.47*	
22 07 19 00-0229	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	149.86	23.17
		For Work In Restricted Working Space, Add	*21.05*	
22 07 19 00-0230	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	160.57	24.32
		For Work In Restricted Working Space, Add	*22.11*	
22 07 19 00-0231	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	188.39	27.79
		For Work In Restricted Working Space, Add	*25.27*	
22 07 19 00-0232	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	230.42	33.58
		For Work In Restricted Working Space, Add	*30.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0233		**3-1/2" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0234	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	49.98	9.13
		For Work In Restricted Working Space, Add	*8.31*	
22 07 19 00-0235	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	51.11	9.13
		For Work In Restricted Working Space, Add	*8.31*	
22 07 19 00-0236	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	52.41	9.19
		For Work In Restricted Working Space, Add	*8.36*	
22 07 19 00-0237	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.72	9.25
		For Work In Restricted Working Space, Add	*8.42*	
22 07 19 00-0238	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	55.21	9.37
		For Work In Restricted Working Space, Add	*8.52*	
22 07 19 00-0239	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	60.95	9.70
		For Work In Restricted Working Space, Add	*8.81*	
22 07 19 00-0240	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	66.71	10.03
		For Work In Restricted Working Space, Add	*9.12*	
22 07 19 00-0241	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	70.54	10.39
		For Work In Restricted Working Space, Add	*9.44*	
22 07 19 00-0242	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	75.59	10.98
		For Work In Restricted Working Space, Add	*9.98*	
22 07 19 00-0243	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	87.07	12.47
		For Work In Restricted Working Space, Add	*11.33*	
22 07 19 00-0244	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	99.11	13.88
		For Work In Restricted Working Space, Add	*12.62*	
22 07 19 00-0245	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	118.72	16.02
		For Work In Restricted Working Space, Add	*14.57*	
22 07 19 00-0246	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	139.96	19.92
		For Work In Restricted Working Space, Add	*18.11*	
22 07 19 00-0247	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	145.69	21.75
		For Work In Restricted Working Space, Add	*19.77*	
22 07 19 00-0248	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	174.09	27.79
		For Work In Restricted Working Space, Add	*25.27*	
22 07 19 00-0249	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	191.79	29.19
		For Work In Restricted Working Space, Add	*26.53*	
22 07 19 00-0250	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	218.30	33.38
		For Work In Restricted Working Space, Add	*30.35*	
22 07 19 00-0251	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	268.30	40.30
		For Work In Restricted Working Space, Add	*36.64*	
22 07 19 00-0252		**4" Thick Foamglas Pipe Insulation** *(22 07 19 00-0145)*		
22 07 19 00-0253	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	60.83	11.23
		For Work In Restricted Working Space, Add	*10.21*	
22 07 19 00-0254	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	62.28	11.23
		For Work In Restricted Working Space, Add	*10.21*	
22 07 19 00-0255	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	64.32	11.42
		For Work In Restricted Working Space, Add	*10.38*	
22 07 19 00-0256	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	66.18	11.56
		For Work In Restricted Working Space, Add	*10.51*	
22 07 19 00-0257	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	68.73	11.92
		For Work In Restricted Working Space, Add	*10.83*	
22 07 19 00-0258	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	74.46	12.28
		For Work In Restricted Working Space, Add	*11.17*	
22 07 19 00-0259	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	79.60	12.48
		For Work In Restricted Working Space, Add	*11.34*	
22 07 19 00-0260	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	83.63	12.94
		For Work In Restricted Working Space, Add	*11.76*	
22 07 19 00-0261	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	91.30	14.43
		For Work In Restricted Working Space, Add	*13.11*	
22 07 19 00-0262	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	106.04	15.49
		For Work In Restricted Working Space, Add	*14.09*	
22 07 19 00-0263	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	119.97	16.80
		For Work In Restricted Working Space, Add	*15.27*	
22 07 19 00-0264	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	137.13	19.95
		For Work In Restricted Working Space, Add	*18.14*	
22 07 19 00-0265	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	159.71	24.79
		For Work In Restricted Working Space, Add	*22.53*	
22 07 19 00-0266	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	173.61	27.06
		For Work In Restricted Working Space, Add	*24.62*	
22 07 19 00-0267	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	205.21	34.61
		For Work In Restricted Working Space, Add	*31.47*	
22 07 19 00-0268	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	229.10	36.28
		For Work In Restricted Working Space, Add	*32.98*	
22 07 19 00-0269	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	256.51	41.51
		For Work In Restricted Working Space, Add	*37.74*	
22 07 19 00-0270	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	326.22	50.16
		For Work In Restricted Working Space, Add	*45.60*	
22 07 19 00-0271		**Polyisocyanurate Pipe Insulation** *(22 07 19)*		
		Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0272		**1/2" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0271)*		
22 07 19 00-0273	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.72	2.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0274	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	11.92	2.81
22 07 19 00-0275	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.56	3.04
22 07 19 00-0276	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	13.26	3.16
22 07 19 00-0277	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	13.68	3.16
22 07 19 00-0278	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	14.46	3.27
22 07 19 00-0279	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	15.54	3.39
22 07 19 00-0280	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	16.57	3.63
22 07 19 00-0281	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	19.53	4.32
22 07 19 00-0282	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	23.44	4.91
22 07 19 00-0283	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	27.73	5.73
22 07 19 00-0284	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	31.34	6.20
22 07 19 00-0285	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	37.19	7.61

22 07 19 00-0286 1" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0287	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.68	2.81
22 07 19 00-0288	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.33	3.04
22 07 19 00-0289	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	15.13	3.16
22 07 19 00-0290	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	15.99	3.27
22 07 19 00-0291	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	16.72	3.39
22 07 19 00-0292	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	17.74	3.39
22 07 19 00-0293	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	19.10	3.63
22 07 19 00-0294	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	20.58	3.86
22 07 19 00-0295	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	24.31	4.57
22 07 19 00-0296	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	30.74	5.73
22 07 19 00-0297	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	36.98	6.79
22 07 19 00-0298	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	42.37	7.61
22 07 19 00-0299	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	47.91	8.54

22 07 19 00-0300 1-1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0301	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.26	3.16
22 07 19 00-0302	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	17.20	3.27
22 07 19 00-0303	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	18.29	3.39
22 07 19 00-0304	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	19.12	3.51
22 07 19 00-0305	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	20.35	3.63
22 07 19 00-0306	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	22.08	3.86
22 07 19 00-0307	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	23.78	3.98
22 07 19 00-0308	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	28.15	4.91
22 07 19 00-0309	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	36.00	6.20
22 07 19 00-0310	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	43.80	7.61
22 07 19 00-0311	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	50.47	8.54
22 07 19 00-0312	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	55.77	9.12

22 07 19 00-0313 2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0314	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	21.06	3.27
22 07 19 00-0315	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	22.41	3.39
22 07 19 00-0316	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	23.60	3.63
22 07 19 00-0317	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.61	3.63
22 07 19 00-0318	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	25.55	3.86
22 07 19 00-0319	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	27.72	4.09
22 07 19 00-0320	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	29.16	4.32
22 07 19 00-0321	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	34.73	5.26
22 07 19 00-0322	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	42.19	6.79
22 07 19 00-0323	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	55.27	8.54
22 07 19 00-0324	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	58.66	9.83
22 07 19 00-0325	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	63.93	10.53

22 07 19 00-0326 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0327 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0328	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.50	3.50
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0329	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.51	3.50
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0330	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.82	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0331	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.14	3.75
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0332	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.45	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0333	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.81	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0334	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.95	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0335	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.36	3.87
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0336	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.17	3.99
		For Work In Restricted Working Space, Add	*2.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0337	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.51	4.06
		For Work In Restricted Working Space, Add	*2.45*	

22 07 19 00-0338 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0339	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.34	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0340	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.44	3.81
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0341	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.58	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0342	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.75	3.90
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0343	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.20	3.99
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0344	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.58	4.06
		For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0345	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.01	4.12
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0346	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.54	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0347	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.47	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0348	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.44	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0349	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.34	4.42
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0350	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.89	4.48
		For Work In Restricted Working Space, Add	*2.69*	

22 07 19 00-0351 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0352	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.29	4.12
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0353	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.41	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0354	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.04	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0355	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.32	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0356	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.09	4.48
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0357	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.89	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0358	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.24	4.58
		For Work In Restricted Working Space, Add	*2.74*	
22 07 19 00-0359	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.71	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0360	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.75	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0361	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.86	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0362	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.31	4.86
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0363	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.92	4.91
		For Work In Restricted Working Space, Add	*2.95*	

22 07 19 00-0364 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0365	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.60	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0366	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.87	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0367	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.78	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0368	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.04	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0369	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.39	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0370	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.04	5.04
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0371	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.31	5.10
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0372	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.61	5.16
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0373	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.55	5.28
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0374	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.35	5.34
		For Work In Restricted Working Space, Add	*3.21*	

22 07 19 00-0375 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0376 3/8" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0377		LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.63	3.50
			For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0378		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.73	3.50
			For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0379		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.03	3.63
			For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0380		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.20	3.69
			For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0381		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.40	3.75
			For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0382		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.64	3.81
			For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0383		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.86	3.87
			For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0384		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.05	3.87
			For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0385		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.22	3.87
			For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0386		LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.41	3.93
			For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0387		LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.69	3.99
			For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0388		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.91	3.99
			For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0389		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.07	4.06
			For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0390		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.30	4.06
			For Work In Restricted Working Space, Add	*2.45*	
22 07 19 00-0391		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.79	4.12
			For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0392		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.38	4.17
			For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0393		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.02	4.20
			For Work In Restricted Working Space, Add	*2.53*	

22 07 19 00-0394 1/2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*

22 07 19 00-0395		LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.56	3.81
			For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0396		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.67	3.81
			For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0397		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.80	3.87
			For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0398		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.96	3.87
			For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0399		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.08	3.87
			For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0400		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.42	3.99
			For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0401		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.73	4.06
			For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0402		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.01	4.12
			For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0403		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.28	4.15
			For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0404		LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.51	4.17
			For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0405		LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.34	4.24
			For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0406		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.85	4.30
			For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0407		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.22	4.34
			For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0408		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.54	4.36
			For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0409		LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.78	4.39
			For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0410		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.98	4.42
			For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0411		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.92	4.48
			For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0412		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.15	4.52
			For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0413		LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.06	4.55
			For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0414		LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.17	4.67
			For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-0415		LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.41	4.80
			For Work In Restricted Working Space, Add	*2.87*	

22 07 19 00-0416 3/4" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*

22 07 19 00-0417		LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.74	4.12
			For Work In Restricted Working Space, Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0418	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.99	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0419	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.39	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0420	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.60	4.34
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0421	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.71	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0422	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.25	4.48
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0423	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.68	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0424	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.09	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0425	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.20	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0426	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.37	4.65
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0427	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.85	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-0428	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.14	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0429	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.69	4.76
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0430	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.07	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0431	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.64	4.83
		For Work In Restricted Working Space, Add	*2.90*	
22 07 19 00-0432	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.88	4.86
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0433	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.76	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0434	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.44	4.95
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0435	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.59	4.97
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-0436	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.83	5.04
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0437	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.33	5.16
		For Work In Restricted Working Space, Add	*3.09*	

22 07 19 00-0438 1" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*

22 07 19 00-0439	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.30	4.54
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0440	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.60	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0441	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.03	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0442	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.34	4.76
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0443	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.61	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0444	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.12	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0445	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.89	5.04
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0446	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.28	5.04
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0447	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.77	5.10
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0448	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.96	5.16
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0449	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.05	5.23
		For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-0450	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.90	5.28
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0451	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.95	5.32
		For Work In Restricted Working Space, Add	*3.19*	
22 07 19 00-0452	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.26	5.34
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0453	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.82	5.38
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0454	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.09	5.40
		For Work In Restricted Working Space, Add	*3.24*	
22 07 19 00-0455	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.13	5.54
		For Work In Restricted Working Space, Add	*3.32*	
22 07 19 00-0456	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.50	5.59
		For Work In Restricted Working Space, Add	*3.35*	
22 07 19 00-0457	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.50	5.65
		For Work In Restricted Working Space, Add	*3.39*	
22 07 19 00-0458	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.66	5.78
		For Work In Restricted Working Space, Add	*3.47*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0459			1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*		
22 07 19 00-0460		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.45	5.09
			For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0461		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.88	5.19
			For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0462		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.19	5.23
			For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-0463		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.51	5.27
			For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0464		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.99	5.39
			For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0465		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.78	5.59
			For Work In Restricted Working Space, Add	*3.35*	
22 07 19 00-0466		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.78	5.51
			For Work In Restricted Working Space, Add	*3.38*	
22 07 19 00-0467		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.67	5.64
			For Work In Restricted Working Space, Add	*3.42*	
22 07 19 00-0468		LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.23	5.78
			For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-0469		LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.89	5.85
			For Work In Restricted Working Space, Add	*3.50*	
22 07 19 00-0470		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.46	5.92
			For Work In Restricted Working Space, Add	*3.54*	
22 07 19 00-0471		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.20	5.94
			For Work In Restricted Working Space, Add	*3.56*	
22 07 19 00-0472		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.94	5.95
			For Work In Restricted Working Space, Add	*3.58*	
22 07 19 00-0473		LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.80	5.99
			For Work In Restricted Working Space, Add	*3.59*	
22 07 19 00-0474		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.34	6.01
			For Work In Restricted Working Space, Add	*3.61*	
22 07 19 00-0475		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.33	6.23
			For Work In Restricted Working Space, Add	*3.73*	
22 07 19 00-0476		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.93	6.32
			For Work In Restricted Working Space, Add	*3.79*	
22 07 19 00-0477		LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.72	6.43
			For Work In Restricted Working Space, Add	*3.85*	
22 07 19 00-0478		LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.54	6.62
			For Work In Restricted Working Space, Add	*3.97*	
22 07 19 00-0479			2" Wall Flexible Elastomeric Tubing Foam Insulation (AP Armaflex) *(22 07 19 00-0375)*		
22 07 19 00-0480		LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.07	5.62
			For Work In Restricted Working Space, Add	*3.37*	
22 07 19 00-0481		LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.94	5.70
			For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-0482		LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.34	5.75
			For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0483		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.84	5.79
			For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-0484		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.07	5.91
			For Work In Restricted Working Space, Add	*3.54*	
22 07 19 00-0485		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.66	6.19
			For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0486		LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.53	6.03
			For Work In Restricted Working Space, Add	*3.74*	
22 07 19 00-0487		LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.10	6.24
			For Work In Restricted Working Space, Add	*3.80*	
22 07 19 00-0488		LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.62	6.46
			For Work In Restricted Working Space, Add	*3.88*	
22 07 19 00-0489		LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.63	6.54
			For Work In Restricted Working Space, Add	*3.91*	
22 07 19 00-0490		LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.68	6.62
			For Work In Restricted Working Space, Add	*3.95*	
22 07 19 00-0491		LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.94	6.64
			For Work In Restricted Working Space, Add	*3.97*	
22 07 19 00-0492		LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.85	6.65
			For Work In Restricted Working Space, Add	*4.00*	
22 07 19 00-0493		LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.16	6.67
			For Work In Restricted Working Space, Add	*4.01*	
22 07 19 00-0494		LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.57	6.70
			For Work In Restricted Working Space, Add	*4.02*	
22 07 19 00-0495		LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.34	7.02
			For Work In Restricted Working Space, Add	*4.20*	
22 07 19 00-0496		LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.11	7.16
			For Work In Restricted Working Space, Add	*4.29*	
22 07 19 00-0497		LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.97	7.30
			For Work In Restricted Working Space, Add	*4.38*	
22 07 19 00-0498		LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.70	7.59
			For Work In Restricted Working Space, Add	*4.55*	
22 07 19 00-0499			Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*		

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0500		3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0501	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.57	3.50
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0502	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.66	3.50
		For Work In Restricted Working Space, Add	*2.11*	
22 07 19 00-0503	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.94	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0504	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.29	3.75
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0505	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.51	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0506	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.90	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0507	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.18	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0508	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.39	3.99
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0509	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.34	3.99
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0510	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.17	4.06
		For Work In Restricted Working Space, Add	*2.45*	
22 07 19 00-0511	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.32	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0512		1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0513	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.49	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0514	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.57	3.81
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0515	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.74	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0516	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.97	3.87
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0517	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.26	3.99
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0518	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.68	4.06
		For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0519	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.14	4.12
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0520	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.59	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0521	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.61	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0522	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.50	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0523	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.20	4.48
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0524		3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0525	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.53	4.12
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0526	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.85	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0527	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.26	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0528	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.87	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0529	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.44	4.48
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0530	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.43	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0531	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.07	4.55
		For Work In Restricted Working Space, Add	*2.74*	
22 07 19 00-0532	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.80	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0533	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.23	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0534	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.51	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0535	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.98	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0536		1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0537	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.36	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0538	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.53	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0539	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.94	4.73
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0540	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.82	4.80
		For Work In Restricted Working Space, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0541	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.55	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0542	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.30	5.04
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0543	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.03	5.04
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0544	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.66	5.16
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0545	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.86	5.28
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0546	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	20.40	5.34
		For Work In Restricted Working Space, Add	*3.21*	

22 07 19 00-0547 Flexible Elastomeric Unicellular Insulation *(22 07 19)*

Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0548 3/8" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*

22 07 19 00-0549	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.77	3.50
		For Work In Restricted Working Space, Add	*2.10*	
22 07 19 00-0550	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.30	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0551	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.78	3.76
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0552	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.21	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0553	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.68	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0554	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	11.42	3.90
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0555	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	12.32	4.00
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0556	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	14.58	4.02
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0557	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	16.18	4.08
		For Work In Restricted Working Space, Add	*2.45*	

22 07 19 00-0558 1/2" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*

22 07 19 00-0559	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.20	3.76
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0560	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.72	3.87
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0561	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.11	3.87
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0562	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.70	3.99
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0563	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.18	4.06
		For Work In Restricted Working Space, Add	*2.43*	
22 07 19 00-0564	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.92	4.12
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0565	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	14.34	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0566	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	16.69	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0567	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	18.23	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0568	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	21.37	4.42
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0569	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	22.83	4.48
		For Work In Restricted Working Space, Add	*2.69*	

22 07 19 00-0570 3/4" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*

22 07 19 00-0571	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	12.31	4.09
		For Work In Restricted Working Space, Add	*2.45*	
22 07 19 00-0572	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	13.11	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0573	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	14.12	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0574	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	15.56	4.50
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0575	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	16.61	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0576	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	19.20	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0577	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	21.43	4.65
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0578	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	24.81	4.74
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0579	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	27.13	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0580	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	30.98	4.86
		For Work In Restricted Working Space, Add	*2.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0581	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	32.74	4.91
		For Work In Restricted Working Space, Add	*2.95*	

22 07 19 00-0582 1" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*

22 07 19 00-0583	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	16.67	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0584	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	17.54	4.74
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0585	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	19.54	4.80
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-0586	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	21.92	4.91
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0587	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	24.09	5.04
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0588	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	25.72	5.10
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0589	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	29.00	5.16
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0590	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	36.95	5.28
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0591	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	42.67	5.34
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0592	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	45.75	5.40
		For Work In Restricted Working Space, Add	*3.24*	
22 07 19 00-0593	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	52.09	5.54
		For Work In Restricted Working Space, Add	*3.32*	

22 07 19 00-0594 Insulation Protective Jacketing *(22 07 19)*

Note: Jacketing only and to be added to insulation prices when required. ID = inside diameter.

22 07 19 00-0595 Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0594)*

22 07 19 00-0596 Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0595)*

22 07 19 00-0597	SF	0.006" Aluminum Insulation Jacket With Bands	17.76	7.49
22 07 19 00-0598	SF	0.010" Aluminum Insulation Jacket With Bands	18.11	7.49
22 07 19 00-0599	SF	0.016" Aluminum Insulation Jacket With Bands	18.45	7.49
22 07 19 00-0600	SF	0.020" Aluminum Insulation Jacket With Bands	18.76	7.49
22 07 19 00-0601	SF	0.024" Aluminum Insulation Jacket With Bands	19.04	7.49

22 07 19 00-0602 16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0603	LF	1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	9.28	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0604	LF	3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	9.71	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0605	LF	1" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.13	2.23
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0606	LF	1-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.58	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0607	LF	1-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	10.94	2.31
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0608	LF	1-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	11.31	2.35
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0609	LF	2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	11.73	2.40
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0610	LF	2-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	12.16	2.44
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0611	LF	2-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	12.63	2.51
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0612	LF	2-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	13.01	2.55
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0613	LF	3" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	13.50	2.60
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0614	LF	3-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	13.97	2.66
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0615	LF	3-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	14.43	2.72
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0616	LF	3-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	14.85	2.77
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0617	LF	4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	15.36	2.84
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0618	LF	4-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	15.87	2.91
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0619	LF	4-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	16.41	2.98
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0620	LF	4-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	16.87	3.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0621	LF	5" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	17.43	3.12
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0622	LF	5-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	17.99	3.20
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0623	LF	5-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	18.49	3.27
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0624	LF	5-3/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	19.13	3.36
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0625	LF	6" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	19.74	3.47
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0626	LF	6-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	20.18	3.52
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0627	LF	6-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	20.63	3.58
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0628	LF	7" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	21.39	3.66
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0629	LF	7-1/4" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	21.96	3.75
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0630	LF	7-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	22.43	3.81
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0631	LF	8" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	23.16	3.87
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0632	LF	8-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	23.86	3.93
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0633	LF	9" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	24.72	4.03
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0634	LF	9-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	25.49	4.10
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0635	LF	10" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	26.23	4.18
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0636	LF	10-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	26.99	4.25
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0637	LF	11" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	27.92	4.37
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0638	LF	11-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	28.74	4.46
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0639	LF	12" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	29.54	4.55
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0640	LF	12-1/2" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	30.55	4.68
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0641	LF	13" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	31.18	4.73
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0642	LF	14" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	32.32	4.78
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0643	LF	15" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	33.63	4.87
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0644	LF	16" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	34.77	4.93
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0645	LF	17" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	36.10	5.03
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0646	LF	18" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	36.95	5.08
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0647	LF	19" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	38.63	5.20
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0648	LF	20" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	39.79	5.25
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0649	LF	21" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	41.19	5.37
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0650	LF	22" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	42.34	5.45
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0651	LF	23" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	43.81	5.57
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0652	LF	24" ID, 0.016" Thick (16 Mil), Aluminum Insulation Jacketing	44.98	5.64
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	

22 07 19 00-0653 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0654	LF	1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	10.33	2.34
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0655	LF	3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	10.84	2.39
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0656	LF	1" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	11.35	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0657	LF	1-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	11.88	2.52
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0658	LF	1-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	12.32	2.55
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0659	LF	1-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	12.77	2.59
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0660	LF	2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	13.27	2.64
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0661	LF	2-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	13.78	2.70
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0662	LF	2-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	14.33	2.75
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0663	LF	2-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	14.80	2.80
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0664	LF	3" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	15.38	2.86
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0665	LF	3-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	15.92	2.92
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0666	LF	3-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	16.48	2.99
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0667	LF	3-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	16.98	3.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0668	LF	4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	17.57	3.12
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0669	LF	4-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	18.17	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0670	LF	4-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	18.81	3.27
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0671	LF	4-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	19.36	3.34
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0672	LF	5" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	20.01	3.43
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0673	LF	5-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	20.67	3.53
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0674	LF	5-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	21.26	3.60
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0675	LF	5-3/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	22.00	3.71
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0676	LF	6" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	22.72	3.81
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0677	LF	6-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	23.24	3.87
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0678	LF	6-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	23.77	3.93
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0679	LF	7" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	24.67	4.02
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0680	LF	7-1/4" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	25.35	4.12
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0681	LF	7-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	25.91	4.18
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0682	LF	8" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	26.77	4.25
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0683	LF	8-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	27.63	4.32
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0684	LF	9" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	28.65	4.44
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0685	LF	9-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	29.58	4.52
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0686	LF	10" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	30.49	4.60
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0687	LF	10-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	31.39	4.68
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0688	LF	11" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	32.50	4.81
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0689	LF	11-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	33.47	4.90
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0690	LF	12" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	34.43	5.00
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0691	LF	12-1/2" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	35.61	5.14
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0692	LF	13" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	36.40	5.20
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0693	LF	14" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	37.80	5.25
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0694	LF	15" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	39.39	5.36
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0695	LF	16" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	40.81	5.42
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0696	LF	17" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	42.42	5.54
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0697	LF	18" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	43.47	5.60
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0698	LF	19" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	45.51	5.72
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0699	LF	20" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	46.97	5.78
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0700	LF	21" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	48.65	5.92
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0701	LF	22" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	50.08	5.98
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0702	LF	23" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	51.84	6.13
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0703	LF	24" ID, 0.020" Thick (20 Mil), Aluminum Insulation Jacketing	53.29	6.20
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.71*	

22 07 19 00-0704 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0705	LF	1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	11.38	2.56
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0706	LF	3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	11.96	2.62
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0707	LF	1" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	12.56	2.68
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0708	LF	1-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	13.15	2.74
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0709	LF	1-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	13.67	2.78
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0710	LF	1-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	14.18	2.82
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0711	LF	2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	14.76	2.88
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0712	LF	2-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	15.35	2.94
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0713	LF	2-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	15.99	3.00
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0714	LF	2-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	16.52	3.05
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0715	LF	3" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	17.19	3.12
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0716	LF	3-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	17.82	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0717	LF	3-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	18.46	3.26
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0718	LF	3-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	19.04	3.32
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0719	LF	4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	19.70	3.40
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0720	LF	4-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	20.39	3.49
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0721	LF	4-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	21.14	3.58
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0722	LF	4-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	21.76	3.65
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0723	LF	5" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	22.49	3.75
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0724	LF	5-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	23.25	3.85
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0725	LF	5-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	23.92	3.93
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0726	LF	5-3/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	24.75	4.04
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0727	LF	6" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	25.59	4.16
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0728	LF	6-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	26.18	4.22
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0729	LF	6-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	26.78	4.28
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0730	LF	7" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	27.83	4.38
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0731	LF	7-1/4" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	28.60	4.50
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0732	LF	7-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	29.24	4.57
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0733	LF	8" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	30.25	4.65
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0734	LF	8-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	31.23	4.72
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0735	LF	9" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	32.42	4.84
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0736	LF	9-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	33.49	4.93
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0737	LF	10" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	34.53	5.01
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0738	LF	10-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	35.59	5.10
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0739	LF	11" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	36.85	5.24
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0740	LF	11-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	37.98	5.34
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0741	LF	12" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	39.09	5.46
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0742	LF	12-1/2" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	40.44	5.62
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0743	LF	13" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	41.36	5.67
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0744	LF	14" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	43.01	5.73
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0745	LF	15" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	44.88	5.85
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0746	LF	16" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	46.54	5.91
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0747	LF	17" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	48.44	6.04
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0748	LF	18" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	49.65	6.10
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0749	LF	19" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	52.04	6.24
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0750	LF	20" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	53.76	6.31
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.71*	
22 07 19 00-0751	LF	21" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	55.71	6.46
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0752	LF	22" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	57.41	6.53
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0753	LF	23" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	59.45	6.69
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.82*	
22 07 19 00-0754	LF	24" ID, 0.024" Thick (24 Mil), Aluminum Insulation Jacketing	61.16	6.77
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	

22 07 19 00-0755 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0756	LF	1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	12.88	2.83
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0757	LF	3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	13.61	2.90
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0758	LF	1" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	14.34	2.96
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0759	LF	1-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	15.10	3.03
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0760	LF	1-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	15.75	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0761	LF	1-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	16.40	3.13
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0762	LF	2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	17.12	3.19
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0763	LF	2-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	17.84	3.26
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0764	LF	2-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	18.66	3.32
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0765	LF	2-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	19.33	3.38
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0766	LF	3" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	20.15	3.46
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0767	LF	3-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	20.93	3.54
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0768	LF	3-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	21.73	3.62
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0769	LF	3-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	22.44	3.68
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0770	LF	4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	23.26	3.77
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0771	LF	4-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	24.10	3.87
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0772	LF	4-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	25.01	3.96
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0773	LF	4-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	25.79	4.04
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0774	LF	5" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	26.69	4.15
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0775	LF	5-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	27.61	4.26
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0776	LF	5-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	28.43	4.35
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0777	LF	5-3/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	29.45	4.48
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0778	LF	6" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	30.45	4.61
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0779	LF	6-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	31.19	4.68
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0780	LF	6-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	31.93	4.75
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0781	LF	7" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	33.25	4.86
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0782	LF	7-1/4" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	34.18	4.98
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0783	LF	7-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	34.97	5.06
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0784	LF	8" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	36.25	5.14
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0785	LF	8-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	37.51	5.23
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0786	LF	9" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	38.98	5.36
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0787	LF	9-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	40.33	5.46
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0788	LF	10" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	41.66	5.56
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0789	LF	10-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	42.99	5.66
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0790	LF	11" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	44.55	5.82
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0791	LF	11-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	45.98	5.93
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	
22 07 19 00-0792	LF	12" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	47.37	6.04
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0793	LF	12-1/2" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	49.02	6.22
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0794	LF	13" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	50.20	6.28
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0795	LF	14" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	52.37	6.35
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0796	LF	15" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	54.75	6.49
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.72*	
22 07 19 00-0797	LF	16" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	56.95	6.55
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.77*	
22 07 19 00-0798	LF	17" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	59.35	6.69
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.81*	
22 07 19 00-0799	LF	18" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	60.92	6.77
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0800	LF	19" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	64.02	6.91
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.91*	
22 07 19 00-0801	LF	20" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	66.25	6.99
		For Stucco Embossed, Add	*0.38*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0802	LF	21" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	68.74	7.15
		For Stucco Embossed, Add	*0.40*	
		For Corrugated, Add	*1.00*	
22 07 19 00-0803	LF	22" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	70.93	7.23
		For Stucco Embossed, Add	*0.42*	
		For Corrugated, Add	*1.05*	
22 07 19 00-0804	LF	23" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	73.53	7.41
		For Stucco Embossed, Add	*0.44*	
		For Corrugated, Add	*1.10*	
22 07 19 00-0805	LF	24" ID, 0.032" Thick (32 Mil), Aluminum Insulation Jacketing	75.75	7.50
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	

22 07 19 00-0806 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0807	LF	1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	14.98	3.25
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0808	LF	3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	15.87	3.33
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0809	LF	1" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	16.77	3.40
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0810	LF	1-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	17.68	3.50
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0811	LF	1-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	18.46	3.55
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0812	LF	1-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	19.27	3.60
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0813	LF	2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	20.15	3.67
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0814	LF	2-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	21.03	3.75
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0815	LF	2-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	22.02	3.83
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0816	LF	2-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	22.85	3.89
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0817	LF	3" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	23.84	3.98
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0818	LF	3-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	24.80	4.07
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0819	LF	3-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	25.75	4.16
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0820	LF	3-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	26.62	4.23
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0821	LF	4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	27.62	4.33
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0822	LF	4-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	28.63	4.45
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0823	LF	4-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	29.74	4.56
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0824	LF	4-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	30.68	4.65
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0825	LF	5" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	31.75	4.77
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0826	LF	5-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	32.87	4.90
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0827	LF	5-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	33.85	5.01
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0828	LF	5-3/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	35.08	5.15
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0829	LF	6" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	36.29	5.30
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0830	LF	6-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	37.18	5.38
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0831	LF	6-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	38.09	5.47
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0832	LF	7" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	39.70	5.60
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0833	LF	7-1/4" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	40.81	5.73
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0834	LF	7-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	41.77	5.82
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0835	LF	8" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	43.33	5.92
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0836	LF	8-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	44.88	6.01
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0837	LF	9" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	46.67	6.17
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0838	LF	9-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	48.34	6.28
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0839	LF	10" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	49.95	6.39
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0840	LF	10-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	51.58	6.51
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.64*	
22 07 19 00-0841	LF	11" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	53.47	6.69
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0842	LF	11-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	55.23	6.82
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.70*	
22 07 19 00-0843	LF	12" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	56.91	6.95
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.73*	
22 07 19 00-0844	LF	12-1/2" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	58.92	7.16
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0845	LF	13" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	60.36	7.23
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.79*	
22 07 19 00-0846	LF	14" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	63.06	7.30
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0847	LF	15" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	66.00	7.46
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.90*	
22 07 19 00-0848	LF	16" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	68.72	7.54
		For Stucco Embossed, Add	*0.39*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0849	LF	17" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	71.69	7.70
		For Stucco Embossed, Add	*0.41*	
		For Corrugated, Add	*1.02*	
22 07 19 00-0850	LF	18" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	73.63	7.78
		For Stucco Embossed, Add	*0.43*	
		For Corrugated, Add	*1.06*	
22 07 19 00-0851	LF	19" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	77.45	7.95
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	
22 07 19 00-0852	LF	20" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	80.22	8.04
		For Stucco Embossed, Add	*0.48*	
		For Corrugated, Add	*1.20*	
22 07 19 00-0853	LF	21" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	83.27	8.23
		For Stucco Embossed, Add	*0.50*	
		For Corrugated, Add	*1.26*	
22 07 19 00-0854	LF	22" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	85.99	8.32
		For Stucco Embossed, Add	*0.53*	
		For Corrugated, Add	*1.32*	
22 07 19 00-0855	LF	23" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	89.20	8.53
		For Stucco Embossed, Add	*0.55*	
		For Corrugated, Add	*1.38*	
22 07 19 00-0856	LF	24" ID, 0.040" Thick (40 Mil), Aluminum Insulation Jacketing	91.92	8.63
		For Stucco Embossed, Add	*0.57*	
		For Corrugated, Add	*1.44*	

22 07 19 00-0857 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0595)*

22 07 19 00-0858	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.91	3.34
22 07 19 00-0859	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.40	3.47
22 07 19 00-0860	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.93	3.60
22 07 19 00-0861	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.15	3.66
22 07 19 00-0862	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.38	3.72
22 07 19 00-0863	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.74	3.81
22 07 19 00-0864	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.35	3.90
22 07 19 00-0865	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.74	4.00
22 07 19 00-0866	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.90	4.07
22 07 19 00-0867	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.66	4.14
22 07 19 00-0868	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.00	4.25
22 07 19 00-0869	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.88	4.33
22 07 19 00-0870	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.21	4.41
22 07 19 00-0871	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.54	4.50
22 07 19 00-0872	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	41.52	4.59
22 07 19 00-0873	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.44	4.68
22 07 19 00-0874	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.59	4.83
22 07 19 00-0875	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.99	4.93
22 07 19 00-0876	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.75	5.08
22 07 19 00-0877	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	49.20	5.20
22 07 19 00-0878	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	55.72	5.37
22 07 19 00-0879	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.53	5.51
22 07 19 00-0880	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.80	5.57
22 07 19 00-0881	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	83.59	5.64
22 07 19 00-0882	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	68.34	5.71
22 07 19 00-0883	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	107.50	5.85
22 07 19 00-0884	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	108.09	6.00
22 07 19 00-0885	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	86.17	6.08
22 07 19 00-0886	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	86.49	6.15
22 07 19 00-0887	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	88.15	6.24
22 07 19 00-0888	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	88.50	6.32
22 07 19 00-0889	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	97.83	6.50
22 07 19 00-0890	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	98.20	6.59
22 07 19 00-0891	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	155.01	6.78
22 07 19 00-0892	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	155.40	6.88
22 07 19 00-0893	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	199.85	7.09
22 07 19 00-0894	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	208.53	7.31
22 07 19 00-0895	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	225.28	7.43
22 07 19 00-0896	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.85	3.72
22 07 19 00-0897	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.21	3.81
22 07 19 00-0898	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.16	3.90
22 07 19 00-0899	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.55	4.00
22 07 19 00-0900	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	31.75	4.07
22 07 19 00-0901	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.03	4.14
22 07 19 00-0902	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.73	4.25
22 07 19 00-0903	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.27	4.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0904	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.60	4.41
22 07 19 00-0905	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.93	4.50
22 07 19 00-0906	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.42	4.59
22 07 19 00-0907	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.79	4.68
22 07 19 00-0908	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.39	4.83
22 07 19 00-0909	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	42.44	5.08
22 07 19 00-0910	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.03	5.37
22 07 19 00-0911	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.53	5.51
22 07 19 00-0912	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.34	5.64
22 07 19 00-0913	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.61	5.71
22 07 19 00-0914	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	61.70	5.85
22 07 19 00-0915	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	62.29	6.00
22 07 19 00-0916	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.47	6.08
22 07 19 00-0917	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.79	6.15
22 07 19 00-0918	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.67	6.24
22 07 19 00-0919	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	75.02	6.32
22 07 19 00-0920	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	85.72	6.50
22 07 19 00-0921	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	86.09	6.59
22 07 19 00-0922	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	97.63	6.88
22 07 19 00-0923	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	114.39	7.09
22 07 19 00-0924	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	161.79	7.31
22 07 19 00-0925	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	173.40	7.43
22 07 19 00-0926	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	170.49	7.55
22 07 19 00-0927	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	190.71	7.67
22 07 19 00-0928	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	226.68	7.80
22 07 19 00-0929	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	220.78	7.93
22 07 19 00-0930	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	236.37	8.07
22 07 19 00-0931	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	103.66	5.31
22 07 19 00-0932	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	104.15	5.45
22 07 19 00-0933	EA	3" ID, Aluminum Tee Insulation Jacketing	115.37	5.57
22 07 19 00-0934	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	115.90	5.71
22 07 19 00-0935	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	120.94	5.85
22 07 19 00-0936	EA	4" ID, Aluminum Tee Insulation Jacketing	122.59	6.00
22 07 19 00-0937	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	128.91	6.15
22 07 19 00-0938	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	128.73	6.32
22 07 19 00-0939	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	129.42	6.50
22 07 19 00-0940	EA	5" ID, Aluminum Tee Insulation Jacketing	134.03	6.69
22 07 19 00-0941	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	134.81	6.88
22 07 19 00-0942	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	140.40	7.09
22 07 19 00-0943	EA	6" ID, Aluminum Tee Insulation Jacketing	141.29	7.31
22 07 19 00-0944	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	154.27	7.80
22 07 19 00-0945	EA	7" ID, Aluminum Tee Insulation Jacketing	155.34	8.07
22 07 19 00-0946	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	170.28	8.35
22 07 19 00-0947	EA	8" ID, Aluminum Tee Insulation Jacketing	171.52	8.67
22 07 19 00-0948	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	176.47	9.00
22 07 19 00-0949	EA	9" ID, Aluminum Tee Insulation Jacketing	177.90	9.36
22 07 19 00-0950	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	142.45	9.55
22 07 19 00-0951	EA	10" ID, Aluminum Tee Insulation Jacketing	143.25	9.75
22 07 19 00-0952	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	150.87	9.95
22 07 19 00-0953	EA	11" ID, Aluminum Tee Insulation Jacketing	151.74	10.17
22 07 19 00-0954	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	158.69	10.40
22 07 19 00-0955	EA	12" ID, Aluminum Tee Insulation Jacketing	159.64	10.64
22 07 19 00-0956	EA	13" ID, Aluminum Tee Insulation Jacketing	166.45	10.88
22 07 19 00-0957	EA	14" ID, Aluminum Tee Insulation Jacketing	173.52	11.14
22 07 19 00-0958	EA	15" ID, Aluminum Tee Insulation Jacketing	185.13	11.42
22 07 19 00-0959	EA	16" ID, Aluminum Tee Insulation Jacketing	189.77	11.70
22 07 19 00-0960	EA	17" ID, Aluminum Tee Insulation Jacketing	212.37	12.00
22 07 19 00-0961	EA	18" ID, Aluminum Tee Insulation Jacketing	220.03	12.32
22 07 19 00-0962	EA	19" ID, Aluminum Tee Insulation Jacketing	239.44	12.65
22 07 19 00-0963	EA	20" ID, Aluminum Tee Insulation Jacketing	244.97	13.00
22 07 19 00-0964	EA	22" ID, Aluminum Tee Insulation Jacketing	298.96	13.37
22 07 19 00-0965	EA	23" ID, Aluminum Tee Insulation Jacketing	307.37	13.76
22 07 19 00-0966	EA	24" ID, Aluminum Tee Insulation Jacketing	319.25	15.09
22 07 19 00-0967		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0594)*		
22 07 19 00-0968		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0967)*		
22 07 19 00-0969	SF	0.010" Stainless Steel Insulation Jacket With Bands	22.34	8.77
22 07 19 00-0970	SF	0.016" Stainless Steel Insulation Jacket With Bands	27.51	10.53
22 07 19 00-0971		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0967)*		
22 07 19 00-0972	LF	2-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	11.66	1.87
22 07 19 00-0973	LF	2-3/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	12.18	1.91
22 07 19 00-0974	LF	3" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	12.70	1.95
22 07 19 00-0975	LF	3-1/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	13.25	1.99
22 07 19 00-0976	LF	3-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	13.79	2.03
22 07 19 00-0977	LF	3-3/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	14.33	2.08
22 07 19 00-0978	LF	4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	14.90	2.13
22 07 19 00-0979	LF	4-1/4" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	15.47	2.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0980	LF	4-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	16.04	2.23
22 07 19 00-0981	LF	5" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	17.24	2.34
22 07 19 00-0982	LF	5-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	18.46	2.46
22 07 19 00-0983	LF	6" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	19.75	2.60
22 07 19 00-0984	LF	6-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	20.79	2.68
22 07 19 00-0985	LF	7" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	21.85	2.75
22 07 19 00-0986	LF	7-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	22.99	2.85
22 07 19 00-0987	LF	8" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	23.94	2.91
22 07 19 00-0988	LF	8-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	24.90	2.96
22 07 19 00-0989	LF	9" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	25.87	3.02
22 07 19 00-0990	LF	9-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	26.85	3.08
22 07 19 00-0991	LF	10" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	27.83	3.14
22 07 19 00-0992	LF	10-1/2" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	28.84	3.20
22 07 19 00-0993	LF	11" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	29.85	3.27
22 07 19 00-0994	LF	12" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	31.89	3.41
22 07 19 00-0995	LF	13" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	33.90	3.55
22 07 19 00-0996	LF	14" ID, 0.010" Thick (10 Mil), Stainless Steel Insulation Jacketing	35.59	3.60
22 07 19 00-0997		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0967)*		
22 07 19 00-0998	LF	2-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	16.00	2.49
22 07 19 00-0999	LF	2-3/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	16.74	2.54
22 07 19 00-1000	LF	3" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	17.49	2.60
22 07 19 00-1001	LF	3-1/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	18.26	2.65
22 07 19 00-1002	LF	3-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	19.02	2.71
22 07 19 00-1003	LF	3-3/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	19.79	2.77
22 07 19 00-1004	LF	4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	20.58	2.83
22 07 19 00-1005	LF	4-1/4" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	21.38	2.90
22 07 19 00-1006	LF	4-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	22.18	2.96
22 07 19 00-1007	LF	5" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	23.87	3.11
22 07 19 00-1008	LF	5-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	25.59	3.27
22 07 19 00-1009	LF	6" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	27.39	3.46
22 07 19 00-1010	LF	6-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	28.84	3.56
22 07 19 00-1011	LF	7" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	30.35	3.66
22 07 19 00-1012	LF	7-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	31.95	3.80
22 07 19 00-1013	LF	8" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	33.31	3.87
22 07 19 00-1014	LF	8-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	34.68	3.94
22 07 19 00-1015	LF	9" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	36.06	4.01
22 07 19 00-1016	LF	9-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	37.45	4.09
22 07 19 00-1017	LF	10" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	38.85	4.17
22 07 19 00-1018	LF	10-1/2" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	40.28	4.26
22 07 19 00-1019	LF	11" ID, 0.0106 Thick (16 Mil), Stainless Steel Insulation Jacketing	41.71	4.35
22 07 19 00-1020	LF	12" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	44.60	4.55
22 07 19 00-1021	LF	13" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	47.45	4.72
22 07 19 00-1022	LF	14" ID, 0.016" Thick (16 Mil), Stainless Steel Insulation Jacketing	49.86	4.79
22 07 19 00-1023		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0967)*		
22 07 19 00-1024	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.25	3.72
22 07 19 00-1025	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.61	3.81
22 07 19 00-1026	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.84	3.90
22 07 19 00-1027	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	35.23	4.00
22 07 19 00-1028	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.50	4.07
22 07 19 00-1029	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	37.92	4.14
22 07 19 00-1030	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	40.49	4.25
22 07 19 00-1031	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.54	4.33
22 07 19 00-1032	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.87	4.41
22 07 19 00-1033	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	50.29	4.59
22 07 19 00-1034	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	66.90	4.83
22 07 19 00-1035	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	72.61	5.08
22 07 19 00-1036	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.45	5.37
22 07 19 00-1037	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.95	5.51
22 07 19 00-1038	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.54	5.64
22 07 19 00-1039	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	107.39	5.85
22 07 19 00-1040	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	110.24	5.85
22 07 19 00-1041	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	156.08	6.00
22 07 19 00-1042	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	154.10	6.08
22 07 19 00-1043	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	154.42	6.15
22 07 19 00-1044	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	180.24	6.24
22 07 19 00-1045	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	173.54	6.32
22 07 19 00-1046	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	194.66	6.59
22 07 19 00-1047	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	260.69	6.88
22 07 19 00-1048	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	263.10	7.09
22 07 19 00-1049	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.19	3.72
22 07 19 00-1050	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.55	3.81
22 07 19 00-1051	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.11	3.90
22 07 19 00-1052	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.50	4.00
22 07 19 00-1053	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	32.99	4.07
22 07 19 00-1054	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	33.27	4.14
22 07 19 00-1055	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	38.49	4.25
22 07 19 00-1056	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.48	4.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1057	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.81	4.41
22 07 19 00-1058	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.14	4.50
22 07 19 00-1059	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	49.02	4.59
22 07 19 00-1060	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	49.97	4.83
22 07 19 00-1061	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	56.73	5.08
22 07 19 00-1062	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	57.90	5.37
22 07 19 00-1063	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	83.58	5.51
22 07 19 00-1064	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.38	5.64
22 07 19 00-1065	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.65	5.71
22 07 19 00-1066	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	96.92	5.85
22 07 19 00-1067	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	97.51	6.00
22 07 19 00-1068	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.62	6.08
22 07 19 00-1069	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.94	6.15
22 07 19 00-1070	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.68	6.24
22 07 19 00-1071	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	129.03	6.32
22 07 19 00-1072	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	139.01	6.59
22 07 19 00-1073	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	160.08	6.88

22 07 19 00-1074 Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0594)*

22 07 19 00-1075 20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1074)*

22 07 19 00-1076	LF	1-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	8.14	1.74
22 07 19 00-1077	LF	2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	8.81	1.80
22 07 19 00-1078	LF	2-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	9.41	1.87
22 07 19 00-1079	LF	3" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.12	1.95
22 07 19 00-1080	LF	3-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.76	2.03
22 07 19 00-1081	LF	4" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	11.48	2.13
22 07 19 00-1082	LF	4-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.24	2.23
22 07 19 00-1083	LF	5" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.99	2.34
22 07 19 00-1084	LF	5-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	13.83	2.46
22 07 19 00-1085	LF	6" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	14.73	2.60
22 07 19 00-1086	LF	6-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	15.39	2.68
22 07 19 00-1087	LF	7" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	16.00	2.75
22 07 19 00-1088	LF	7-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	16.81	2.85
22 07 19 00-1089	LF	8" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.32	2.91
22 07 19 00-1090	LF	8-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.90	2.96
22 07 19 00-1091	LF	9" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	18.47	3.02
22 07 19 00-1092	LF	9-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.07	3.08
22 07 19 00-1093	LF	10" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.62	3.14
22 07 19 00-1094	LF	10-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.23	3.20
22 07 19 00-1095	LF	11" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.85	3.27
22 07 19 00-1096	LF	11-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	21.48	3.34
22 07 19 00-1097	LF	12" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.08	3.41
22 07 19 00-1098	LF	12-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.79	3.50
22 07 19 00-1099	LF	13" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.30	3.55
22 07 19 00-1100	LF	13-1/2" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.65	3.55
22 07 19 00-1101	LF	14" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	24.23	3.60
22 07 19 00-1102	LF	15" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	25.15	3.66
22 07 19 00-1103	LF	16" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.04	3.72
22 07 19 00-1104	LF	17" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.98	3.78
22 07 19 00-1105	LF	18" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	27.95	3.84
22 07 19 00-1106	LF	19" ID, 0.02" Thick (20 Mil), Chloride (PVC) Insulation Jacketing	28.85	3.90
22 07 19 00-1107	LF	20" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	29.82	3.97
22 07 19 00-1108	LF	21" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	30.74	4.03
22 07 19 00-1109	LF	22" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	31.74	4.10
22 07 19 00-1110	LF	23" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	32.69	4.18
22 07 19 00-1111	LF	24" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	33.69	4.25
22 07 19 00-1112	LF	25" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	34.72	4.33
22 07 19 00-1113	LF	26" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	35.70	4.41
22 07 19 00-1114	LF	27" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	36.74	4.50
22 07 19 00-1115	LF	28" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	37.75	4.59
22 07 19 00-1116	LF	29" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	38.83	4.68
22 07 19 00-1117	LF	30" ID, 0.02" Thick (20 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	39.91	4.78

22 07 19 00-1118 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1074)*

22 07 19 00-1119	LF	2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	9.57	1.80
22 07 19 00-1120	LF	2-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	10.36	1.87
22 07 19 00-1121	LF	3" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	11.23	1.95
22 07 19 00-1122	LF	3-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.02	2.03
22 07 19 00-1123	LF	4" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	12.89	2.13
22 07 19 00-1124	LF	4-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	13.80	2.23
22 07 19 00-1125	LF	5" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	14.75	2.34
22 07 19 00-1126	LF	5-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	15.75	2.46
22 07 19 00-1127	LF	6" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	16.80	2.60
22 07 19 00-1128	LF	6-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	17.60	2.68
22 07 19 00-1129	LF	7" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	18.42	2.75
22 07 19 00-1130	LF	7-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	19.38	2.85
22 07 19 00-1131	LF	8" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.10	2.91
22 07 19 00-1132	LF	8-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	20.82	2.96
22 07 19 00-1133	LF	9" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	21.54	3.02
22 07 19 00-1134	LF	9-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	22.30	3.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1135	LF	10" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.04	3.14
22 07 19 00-1136	LF	10-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	23.81	3.20
22 07 19 00-1137	LF	11" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	24.58	3.27
22 07 19 00-1138	LF	11-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	25.36	3.34
22 07 19 00-1139	LF	12" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	26.16	3.41
22 07 19 00-1140	LF	12-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	27.02	3.50
22 07 19 00-1141	LF	13" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	27.74	3.55
22 07 19 00-1142	LF	13-1/2" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	28.24	3.55
22 07 19 00-1143	LF	14" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	28.96	3.60
22 07 19 00-1144	LF	15" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	30.19	3.66
22 07 19 00-1145	LF	16" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	31.43	3.72
22 07 19 00-1146	LF	17" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	32.68	3.78
22 07 19 00-1147	LF	18" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	34.00	3.84
22 07 19 00-1148	LF	19" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	35.25	3.90
22 07 19 00-1149	LF	20" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	36.52	3.97
22 07 19 00-1150	LF	21" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	37.80	4.03
22 07 19 00-1151	LF	22" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	39.10	4.10
22 07 19 00-1152	LF	23" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	40.40	4.18
22 07 19 00-1153	LF	24" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	41.70	4.25
22 07 19 00-1154	LF	25" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	43.08	4.33
22 07 19 00-1155	LF	26" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	44.42	4.41
22 07 19 00-1156	LF	27" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	45.76	4.50
22 07 19 00-1157	LF	28" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	47.13	4.59
22 07 19 00-1158	LF	29" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	48.50	4.68
22 07 19 00-1159	LF	30" ID, 0.03" Thick (30 Mil), Polyvinyl Chloride (PVC) Insulation Jacketing	49.89	4.78

22 07 19 00-1160 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-1074)*

22 07 19 00-1161	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.63	3.47
22 07 19 00-1162	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.83	3.60
22 07 19 00-1163	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.45	3.66
22 07 19 00-1164	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.08	3.72
22 07 19 00-1165	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.80	3.81
22 07 19 00-1166	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.44	3.90
22 07 19 00-1167	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.62	4.03
22 07 19 00-1168	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.71	4.14
22 07 19 00-1169	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.77	4.25
22 07 19 00-1170	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	27.19	4.46
22 07 19 00-1171	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.66	4.68
22 07 19 00-1172	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	34.11	4.93
22 07 19 00-1173	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	44.84	5.20
22 07 19 00-1174	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	46.82	5.37
22 07 19 00-1175	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	53.72	5.51
22 07 19 00-1176	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	55.81	5.64
22 07 19 00-1177	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	66.19	5.85
22 07 19 00-1178	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	81.46	6.08
22 07 19 00-1179	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	89.10	6.32
22 07 19 00-1180	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	99.48	6.59
22 07 19 00-1181	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	119.85	6.88
22 07 19 00-1182	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	133.89	7.09
22 07 19 00-1183	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	142.64	7.31
22 07 19 00-1184	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	153.48	7.43
22 07 19 00-1185	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	167.52	7.55
22 07 19 00-1186	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	207.82	7.67
22 07 19 00-1187	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	271.69	7.80
22 07 19 00-1188	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	340.80	7.93
22 07 19 00-1189	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.63	3.47
22 07 19 00-1190	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.83	3.60
22 07 19 00-1191	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.45	3.66
22 07 19 00-1192	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.08	3.72
22 07 19 00-1193	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.80	3.81
22 07 19 00-1194	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.44	3.90
22 07 19 00-1195	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.62	4.03
22 07 19 00-1196	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.71	4.14
22 07 19 00-1197	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.77	4.25
22 07 19 00-1198	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	27.19	4.46
22 07 19 00-1199	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	29.66	4.68
22 07 19 00-1200	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	34.11	4.93
22 07 19 00-1201	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	44.84	5.20
22 07 19 00-1202	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	46.82	5.37
22 07 19 00-1203	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	53.72	5.51
22 07 19 00-1204	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	55.81	5.64
22 07 19 00-1205	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	66.19	5.85
22 07 19 00-1206	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	81.46	6.08
22 07 19 00-1207	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	89.05	6.32
22 07 19 00-1208	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	96.66	6.59
22 07 19 00-1209	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	105.99	6.88
22 07 19 00-1210	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	118.01	7.09
22 07 19 00-1211	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	125.46	7.31
22 07 19 00-1212	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	139.57	7.43
22 07 19 00-1213	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	153.91	7.55
22 07 19 00-1214	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	181.87	7.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1215	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	237.42	7.80
22 07 19 00-1216	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	265.31	7.93
22 07 19 00-1217	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.74	4.87
22 07 19 00-1218	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.86	4.98
22 07 19 00-1219	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.02	5.14
22 07 19 00-1220	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.33	5.31
22 07 19 00-1221	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	29.78	5.51
22 07 19 00-1222	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	31.24	5.71
22 07 19 00-1223	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	33.37	5.92
22 07 19 00-1224	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	35.62	6.15
22 07 19 00-1225	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	38.64	6.41
22 07 19 00-1226	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	42.92	6.69
22 07 19 00-1227	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	47.38	6.98
22 07 19 00-1228	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	55.56	7.43
22 07 19 00-1229	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	65.17	7.80
22 07 19 00-1230	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	73.75	7.93
22 07 19 00-1231	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	100.76	8.21
22 07 19 00-1232	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	109.15	8.67
22 07 19 00-1233	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	126.61	9.00
22 07 19 00-1234	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	144.27	9.36
22 07 19 00-1235	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	147.10	9.75
22 07 19 00-1236	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	159.91	9.95
22 07 19 00-1237	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	172.78	10.17
22 07 19 00-1238	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	185.77	10.40
22 07 19 00-1239	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	198.67	10.64
22 07 19 00-1240	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	211.69	10.88
22 07 19 00-1241	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	224.62	11.14
22 07 19 00-1242	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	243.86	11.42
22 07 19 00-1243	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	263.05	11.70
22 07 19 00-1244	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	286.26	12.00
22 07 19 00-1245	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.29	3.34
22 07 19 00-1246	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.29	3.34
22 07 19 00-1247	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.63	3.47
22 07 19 00-1248	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.63	3.47
22 07 19 00-1249	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	58.19	3.60
22 07 19 00-1250	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	63.60	3.75
22 07 19 00-1251	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	70.08	3.90
22 07 19 00-1252	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	79.33	4.07
22 07 19 00-1253	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	87.26	4.25
22 07 19 00-1254	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	106.06	4.68
22 07 19 00-1255	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	149.81	5.20
22 07 19 00-1256	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	163.90	5.85
22 07 19 00-1257	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	204.71	6.24
22 07 19 00-1258	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	286.05	6.88
22 07 19 00-1259	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	287.77	7.20
22 07 19 00-1260	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	381.93	7.43
22 07 19 00-1261	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	515.09	7.67
22 07 19 00-1262	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.87	3.34
22 07 19 00-1263	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.87	3.34
22 07 19 00-1264	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.71	3.47
22 07 19 00-1265	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.71	3.47
22 07 19 00-1266	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	53.41	3.60
22 07 19 00-1267	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	58.26	3.75
22 07 19 00-1268	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	64.23	3.90
22 07 19 00-1269	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	67.58	4.07
22 07 19 00-1270	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	79.50	4.25
22 07 19 00-1271	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	96.43	4.68
22 07 19 00-1272	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	135.65	5.20
22 07 19 00-1273	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	148.38	5.85
22 07 19 00-1274	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	184.96	6.24
22 07 19 00-1275	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	257.78	6.88
22 07 19 00-1276	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	328.29	7.20
22 07 19 00-1277	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	392.56	7.43
22 07 19 00-1278	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	458.95	7.67
22 07 19 00-1279	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.69	5.03
22 07 19 00-1280	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.69	5.03
22 07 19 00-1281	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.88	5.20
22 07 19 00-1282	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.88	5.20
22 07 19 00-1283	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	78.42	5.37
22 07 19 00-1284	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	85.59	5.57
22 07 19 00-1285	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	94.21	5.85
22 07 19 00-1286	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	99.35	6.08
22 07 19 00-1287	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	117.26	6.41
22 07 19 00-1288	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	128.87	6.98
22 07 19 00-1289	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	180.52	7.80
22 07 19 00-1290	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	196.53	8.67
22 07 19 00-1291	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	271.17	9.36
22 07 19 00-1292	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	376.68	10.17
22 07 19 00-1293	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	449.36	10.88
22 07 19 00-1294	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	531.39	11.14
22 07 19 00-1295	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	581.96	11.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1296		Insulation Foam Rubber *(22 07 19)*		
22 07 19 00-1297		Covering 4x6 Sheet *(22 07 19 00-1296)*		
22 07 19 00-1298	SF	1" Thick Foam Rubber Sheet Insulation	24.71	8.30

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0001		Galvanized Steel Pipe Assemblies *(22 11 16)* Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.		
22 11 16 00-0002	LF	1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.91	4.46
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.26*	
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.44*	
22 11 16 00-0003	LF	3/4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.90	4.79
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.95*	
		For ASTM 120, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*4.69*	
22 11 16 00-0004	LF	1" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.97	5.24
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*7.05*	
		For ASTM 120, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*5.02*	
22 11 16 00-0005	LF	1-1/4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.47	5.46
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.82*	
		For ASTM 120, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*5.33*	
22 11 16 00-0006	LF	1-1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	31.78	6.47
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*9.67*	
		For ASTM 120, Deduct	*-1.99*	
		For Work In Restricted Working Space, Add	*5.56*	
22 11 16 00-0007	LF	2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.36	7.80
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*11.99*	
		For ASTM 120, Deduct	*-2.59*	
		For Work In Restricted Working Space, Add	*6.32*	
22 11 16 00-0008	LF	2-1/2" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	54.76	9.25
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*18.47*	
		For ASTM 120, Deduct	*-4.51*	
		For Work In Restricted Working Space, Add	*7.41*	
22 11 16 00-0009	LF	3" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	68.09	12.37
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*23.16*	
		For ASTM 120, Deduct	*-5.72*	
		For Work In Restricted Working Space, Add	*8.98*	
22 11 16 00-0010	LF	4" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	100.56	14.60
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*36.73*	
		For ASTM 120, Deduct	*-9.97*	
		For Work In Restricted Working Space, Add	*10.23*	
22 11 16 00-0011	LF	5" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	178.24	18.65
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*69.91*	
		For ASTM 120, Deduct	*-20.56*	
		For Work In Restricted Working Space, Add	*12.36*	
22 11 16 00-0012	LF	6" Diameter, Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	199.07	22.06
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*77.88*	
		For ASTM 120, Deduct	*-22.84*	
		For Work In Restricted Working Space, Add	*14.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0013		Galvanized Steel Pipe And Threaded Fittings *(22 11 16)* Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
22 11 16 00-0014		Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)* Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0015	LF	1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.69	4.46
		For Schedule 80 Pipe, Add	*2.09*	
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*2.03*	
22 11 16 00-0016	LF	3/4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.09	4.79
		For Schedule 80 Pipe, Add	*2.59*	
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*2.16*	
22 11 16 00-0017	LF	1" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	13.57	5.24
		For Schedule 80 Pipe, Add	*3.55*	
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*2.34*	
22 11 16 00-0018	LF	1-1/4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	16.09	5.46
		For Schedule 80 Pipe, Add	*4.58*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*2.48*	
22 11 16 00-0019	LF	1-1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	19.05	6.47
		For Schedule 80 Pipe, Add	*5.46*	
		For ASTM 120, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*2.91*	
22 11 16 00-0020	LF	2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	24.30	7.80
		For Schedule 80 Pipe, Add	*7.21*	
		For ASTM 120, Deduct	*-1.89*	
		For Work In Restricted Working Space, Add	*3.52*	
22 11 16 00-0021	LF	2-1/2" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	33.87	9.25
		For Schedule 80 Pipe, Add	*10.96*	
		For ASTM 120, Deduct	*-2.99*	
		For Work In Restricted Working Space, Add	*4.18*	
22 11 16 00-0022	LF	3" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	44.68	12.37
		For Schedule 80 Pipe, Add	*14.39*	
		For ASTM 120, Deduct	*-3.92*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0023	LF	4" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	59.10	14.60
		For Schedule 80 Pipe, Add	*20.03*	
		For ASTM 120, Deduct	*-5.57*	
		For Work In Restricted Working Space, Add	*6.59*	
22 11 16 00-0024	LF	5" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	77.76	18.65
		For Schedule 80 Pipe, Add	*26.71*	
		For ASTM 120, Deduct	*-7.47*	
		For Work In Restricted Working Space, Add	*8.38*	
22 11 16 00-0025	LF	6" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	97.67	22.06
		For Schedule 80 Pipe, Add	*34.33*	
		For ASTM 120, Deduct	*-9.69*	
		For Work In Restricted Working Space, Add	*9.91*	
22 11 16 00-0026	LF	8" Diameter, Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	109.73	26.67
		For Schedule 80 Pipe, Add	*37.50*	
		For ASTM 120, Deduct	*-10.47*	
		For Work In Restricted Working Space, Add	*11.97*	
22 11 16 00-0027		Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)* Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0028	LF	1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	13.68	4.46
		For Schedule 80 Pipe, Add	*4.00*	
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*2.03*	
22 11 16 00-0029	LF	3/4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	15.50	4.79
		For Schedule 80 Pipe, Add	*4.70*	
		For ASTM 120, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*2.16*	
22 11 16 00-0030	LF	1" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	17.45	5.24
		For Schedule 80 Pipe, Add	*5.42*	
		For ASTM 120, Deduct	*-1.45*	
		For Work In Restricted Working Space, Add	*2.34*	
22 11 16 00-0031	LF	1-1/4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	20.39	5.46
		For Schedule 80 Pipe, Add	*6.65*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*2.48*	
22 11 16 00-0032	LF	1-1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	23.54	6.47
		For Schedule 80 Pipe, Add	*7.62*	
		For ASTM 120, Deduct	*-2.08*	
		For Work In Restricted Working Space, Add	*2.91*	
22 11 16 00-0033	LF	2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	27.51	7.80
		For Schedule 80 Pipe, Add	*8.75*	
		For ASTM 120, Deduct	*-2.37*	
		For Work In Restricted Working Space, Add	*3.52*	
22 11 16 00-0034	LF	2-1/2" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	40.35	9.25
		For Schedule 80 Pipe, Add	*14.07*	
		For ASTM 120, Deduct	*-3.96*	
		For Work In Restricted Working Space, Add	*4.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0035	LF	3" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	50.87	12.37
		For Schedule 80 Pipe, Add	*17.36*	
		For ASTM 120, Deduct	*-4.84*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0036	LF	4" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	68.11	14.60
		For Schedule 80 Pipe, Add	*24.35*	
		For ASTM 120, Deduct	*-6.92*	
		For Work In Restricted Working Space, Add	*6.59*	
22 11 16 00-0037	LF	5" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	88.20	18.65
		For Schedule 80 Pipe, Add	*31.72*	
		For ASTM 120, Deduct	*-9.04*	
		For Work In Restricted Working Space, Add	*8.38*	
22 11 16 00-0038	LF	6" Diameter, Schedule 40, Seamless, Threaded Galvanized Steel Pipe	110.12	22.06
		For Schedule 80 Pipe, Add	*40.30*	
		For ASTM 120, Deduct	*-11.56*	
		For Work In Restricted Working Space, Add	*9.91*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	33.57	19.84
		For 300 Lb. Rating, Add	*14.87*	
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0041	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	37.99	22.18
		For 300 Lb. Rating, Add	*18.04*	
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*9.98*	
22 11 16 00-0042	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	45.90	24.74
		For 300 Lb. Rating, Add	*31.98*	
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0043	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	55.89	28.09
		For 300 Lb. Rating, Add	*49.55*	
		For ASTM 120, Deduct	*-2.07*	
		For Work In Restricted Working Space, Add	*12.62*	
22 11 16 00-0044	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	65.48	31.65
		For 300 Lb. Rating, Add	*64.22*	
		For ASTM 120, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*14.23*	
22 11 16 00-0045	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	89.80	40.23
		For 300 Lb. Rating, Add	*104.12*	
		For ASTM 120, Deduct	*-4.43*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0046	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	166.52	59.52
		For 300 Lb. Rating, Add	*268.34*	
		For ASTM 120, Deduct	*-11.60*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0047	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	244.85	78.24
		For 300 Lb. Rating, Add	*440.64*	
		For ASTM 120, Deduct	*-19.13*	
		For Work In Restricted Working Space, Add	*35.20*	
22 11 16 00-0048	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	352.97	85.39
		For 300 Lb. Rating, Add	*772.44*	
		For ASTM 120, Deduct	*-33.74*	
		For Work In Restricted Working Space, Add	*38.41*	
22 11 16 00-0049	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,104.97	89.11
		For 300 Lb. Rating, Add	*3,310.64*	
		For ASTM 120, Deduct	*-145.70*	
		For Work In Restricted Working Space, Add	*40.08*	
22 11 16 00-0050	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,035.17	93.18
		For 300 Lb. Rating, Add	*3,053.05*	
		For ASTM 120, Deduct	*-134.32*	
		For Work In Restricted Working Space, Add	*41.90*	
22 11 16 00-0051	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,226.32	97.36
		For 300 Lb. Rating, Add	*3,681.95*	
		For ASTM 120, Deduct	*-162.05*	
		For Work In Restricted Working Space, Add	*43.79*	

22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0053	EA	3/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	39.71	20.95
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*9.45*	
22 11 16 00-0054	EA	1" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	45.75	23.52
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*10.56*	
22 11 16 00-0055	EA	1" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	44.62	22.29
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*10.03*	
22 11 16 00-0056	EA	1-1/4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	57.28	26.42
		For ASTM 120, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*11.88*	
22 11 16 00-0057	EA	1-1/4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	58.90	25.07
		For ASTM 120, Deduct	*-3.19*	
		For Work In Restricted Working Space, Add	*11.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA	1-1/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	58.39	23.96
		For ASTM 120, Deduct	*-3.38*	
		For Work In Restricted Working Space, Add	*10.77*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	72.99	29.87
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*13.42*	
22 11 16 00-0060	EA	1-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	70.53	28.20
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*12.68*	
22 11 16 00-0061	EA	1-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	68.59	26.86
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*12.10*	
22 11 16 00-0062	EA	2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	86.85	35.89
		For ASTM 120, Deduct	*-4.95*	
		For Work In Restricted Working Space, Add	*16.15*	
22 11 16 00-0063	EA	2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	88.99	34.11
		For ASTM 120, Deduct	*-5.68*	
		For Work In Restricted Working Space, Add	*15.35*	
22 11 16 00-0064	EA	2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	87.95	32.43
		For ASTM 120, Deduct	*-5.89*	
		For Work In Restricted Working Space, Add	*14.61*	
22 11 16 00-0065	EA	2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	76.54	31.21
		For ASTM 120, Deduct	*-4.47*	
		For Work In Restricted Working Space, Add	*14.03*	
22 11 16 00-0066	EA	2-1/2" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	186.58	49.82
		For ASTM 120, Deduct	*-16.78*	
		For Work In Restricted Working Space, Add	*22.41*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	192.95	45.59
		For ASTM 120, Deduct	*-18.70*	
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0068	EA	3" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	306.59	68.88
		For ASTM 120, Deduct	*-30.50*	
		For Work In Restricted Working Space, Add	*30.97*	
22 11 16 00-0069	EA	3" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	265.40	59.18
		For ASTM 120, Deduct	*-26.49*	
		For Work In Restricted Working Space, Add	*26.63*	
22 11 16 00-0070	EA	4" x 3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	581.94	81.21
		For ASTM 120, Deduct	*-69.02*	
		For Work In Restricted Working Space, Add	*36.54*	

22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0072	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	34.53	19.84
		For 300 Lb. Rating, Add	*18.14*	
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0073	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	40.19	22.18
		For 300 Lb. Rating, Add	*25.52*	
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*9.98*	
22 11 16 00-0074	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	44.95	24.74
		For 300 Lb. Rating, Add	*28.75*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0075	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	56.64	28.09
		For 300 Lb. Rating, Add	*52.10*	
		For ASTM 120, Deduct	*-2.19*	
		For Work In Restricted Working Space, Add	*12.62*	
22 11 16 00-0076	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	64.56	31.65
		For 300 Lb. Rating, Add	*61.09*	
		For ASTM 120, Deduct	*-2.57*	
		For Work In Restricted Working Space, Add	*14.23*	
22 11 16 00-0077	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	85.59	40.23
		For 300 Lb. Rating, Add	*89.80*	
		For ASTM 120, Deduct	*-3.80*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0078	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	177.37	59.52
		For 300 Lb. Rating, Add	*305.23*	
		For ASTM 120, Deduct	*-13.23*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0079	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	245.60	78.24
		For 300 Lb. Rating, Add	*443.19*	
		For ASTM 120, Deduct	*-19.24*	
		For Work In Restricted Working Space, Add	*35.20*	
22 11 16 00-0080	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	343.10	85.39
		For 300 Lb. Rating, Add	*738.89*	
		For ASTM 120, Deduct	*-32.26*	
		For Work In Restricted Working Space, Add	*38.41*	
22 11 16 00-0081	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,002.62	89.11
		For 300 Lb. Rating, Add	*2,962.65*	
		For ASTM 120, Deduct	*-130.35*	
		For Work In Restricted Working Space, Add	*40.08*	
22 11 16 00-0082	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,187.50	93.18
		For 300 Lb. Rating, Add	*3,570.97*	
		For ASTM 120, Deduct	*-157.17*	
		For Work In Restricted Working Space, Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,408.29	97.36
		For 300 Lb. Rating, Add	*4,300.65*	
		For ASTM 120, Deduct	*-189.35*	
		For Work In Restricted Working Space, Add	*43.79*	

22 11 16 00-0084 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0085	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	42.13	24.74
		For 300 Lb. Rating, Add	*19.16*	
		For ASTM 120, Deduct	*-0.75*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0086	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	51.09	28.64
		For 300 Lb. Rating, Add	*30.52*	
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*12.86*	
22 11 16 00-0087	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Tee	63.95	33.77
		For 300 Lb. Rating, Add	*48.23*	
		For ASTM 120, Deduct	*-1.99*	
		For Work In Restricted Working Space, Add	*15.20*	
22 11 16 00-0088	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	81.33	40.23
		For 300 Lb. Rating, Add	*75.32*	
		For ASTM 120, Deduct	*-3.16*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0089	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	98.12	47.92
		For 300 Lb. Rating, Add	*93.43*	
		For ASTM 120, Deduct	*-3.93*	
		For Work In Restricted Working Space, Add	*21.57*	
22 11 16 00-0090	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	131.78	59.52
		For 300 Lb. Rating, Add	*150.22*	
		For ASTM 120, Deduct	*-6.39*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0091	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Tee	216.87	64.64
		For 300 Lb. Rating, Add	*413.65*	
		For ASTM 120, Deduct	*-17.99*	
		For Work In Restricted Working Space, Add	*29.08*	
22 11 16 00-0092	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Tee	257.99	78.24
		For 300 Lb. Rating, Add	*485.32*	
		For ASTM 120, Deduct	*-21.10*	
		For Work In Restricted Working Space, Add	*35.20*	
22 11 16 00-0093	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Tee	494.51	107.89
		For 300 Lb. Rating, Add	*1,141.12*	
		For ASTM 120, Deduct	*-49.92*	
		For Work In Restricted Working Space, Add	*48.52*	
22 11 16 00-0094	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,238.10	128.08
		For 300 Lb. Rating, Add	*3,568.03*	
		For ASTM 120, Deduct	*-156.90*	
		For Work In Restricted Working Space, Add	*57.62*	
22 11 16 00-0095	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,405.94	146.41
		For 300 Lb. Rating, Add	*4,047.07*	
		For ASTM 120, Deduct	*-177.97*	
		For Work In Restricted Working Space, Add	*65.85*	
22 11 16 00-0096	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Tee	1,673.12	173.85
		For 300 Lb. Rating, Add	*4,808.82*	
		For ASTM 120, Deduct	*-211.46*	
		For Work In Restricted Working Space, Add	*79.02*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	48.73	24.74
		For 300 Lb. Rating, Add	*41.60*	
		For ASTM 120, Deduct	*-1.74*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0099	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	54.29	28.64
		For 300 Lb. Rating, Add	*41.40*	
		For ASTM 120, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*12.86*	
22 11 16 00-0100	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	66.71	33.77
		For 300 Lb. Rating, Add	*57.61*	
		For ASTM 120, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*15.20*	
22 11 16 00-0101	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	85.13	40.23
		For 300 Lb. Rating, Add	*88.24*	
		For ASTM 120, Deduct	*-3.73*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0102	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	102.65	47.92
		For 300 Lb. Rating, Add	*108.83*	
		For ASTM 120, Deduct	*-4.61*	
		For Work In Restricted Working Space, Add	*21.57*	
22 11 16 00-0103	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	134.06	59.52
		For 300 Lb. Rating, Add	*157.98*	
		For ASTM 120, Deduct	*-6.73*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0104	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	255.76	64.87
		For 300 Lb. Rating, Add	*544.87*	
		For ASTM 120, Deduct	*-23.78*	
		For Work In Restricted Working Space, Add	*29.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0105	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	324.80	79.46
		For 300 Lb. Rating, Add	*706.26*	
		For ASTM 120, Deduct	*-30.84*	
		For Work In Restricted Working Space, Add	*35.75*	
22 11 16 00-0106	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	757.79	107.89
		For 300 Lb. Rating, Add	*2,036.27*	
		For ASTM 120, Deduct	*-89.41*	
		For Work In Restricted Working Space, Add	*48.52*	
22 11 16 00-0107	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	1,573.90	128.08
		For 300 Lb. Rating, Add	*4,709.75*	
		For ASTM 120, Deduct	*-207.27*	
		For Work In Restricted Working Space, Add	*57.62*	
22 11 16 00-0108	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	1,787.60	146.41
		For 300 Lb. Rating, Add	*5,344.71*	
		For ASTM 120, Deduct	*-235.22*	
		For Work In Restricted Working Space, Add	*65.85*	
22 11 16 00-0109	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Tee	2,143.16	168.12
		For 300 Lb. Rating, Add	*6,443.63*	
		For ASTM 120, Deduct	*-283.61*	
		For Work In Restricted Working Space, Add	*75.73*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	38.96	19.84
		For 300 Lb. Rating, Add	*33.20*	
		For ASTM 120, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0112	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	43.92	22.18
		For 300 Lb. Rating, Add	*38.21*	
		For ASTM 120, Deduct	*-1.60*	
		For Work In Restricted Working Space, Add	*9.98*	
22 11 16 00-0113	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	54.60	24.74
		For 300 Lb. Rating, Add	*61.56*	
		For ASTM 120, Deduct	*-2.62*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0114	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	66.68	28.09
		For 300 Lb. Rating, Add	*86.23*	
		For ASTM 120, Deduct	*-3.69*	
		For Work In Restricted Working Space, Add	*12.62*	
22 11 16 00-0115	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	75.41	31.65
		For 300 Lb. Rating, Add	*97.98*	
		For ASTM 120, Deduct	*-4.20*	
		For Work In Restricted Working Space, Add	*14.23*	
22 11 16 00-0116	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	101.15	40.23
		For 300 Lb. Rating, Add	*142.71*	
		For ASTM 120, Deduct	*-6.14*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0117	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	214.40	59.52
		For 300 Lb. Rating, Add	*431.13*	
		For ASTM 120, Deduct	*-18.78*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0118	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	284.70	78.24
		For 300 Lb. Rating, Add	*576.13*	
		For ASTM 120, Deduct	*-25.11*	
		For Work In Restricted Working Space, Add	*35.20*	
22 11 16 00-0119	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	483.52	85.39
		For 300 Lb. Rating, Add	*1,216.31*	
		For ASTM 120, Deduct	*-53.32*	
		For Work In Restricted Working Space, Add	*38.41*	
22 11 16 00-0120	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,134.55	89.11
		For 300 Lb. Rating, Add	*3,411.21*	
		For ASTM 120, Deduct	*-150.14*	
		For Work In Restricted Working Space, Add	*40.08*	
22 11 16 00-0121	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,280.02	93.18
		For 300 Lb. Rating, Add	*3,885.54*	
		For ASTM 120, Deduct	*-171.05*	
		For Work In Restricted Working Space, Add	*41.90*	
22 11 16 00-0122	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Coupling	1,520.32	97.36
		For 300 Lb. Rating, Add	*4,681.55*	
		For ASTM 120, Deduct	*-206.15*	
		For Work In Restricted Working Space, Add	*43.79*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	40.93	19.84
		For 300 Lb. Rating, Add	*39.90*	
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0125	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	45.26	22.18
		For 300 Lb. Rating, Add	*42.76*	
		For ASTM 120, Deduct	*-1.80*	
		For Work In Restricted Working Space, Add	*9.98*	
22 11 16 00-0126	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	57.13	24.74
		For 300 Lb. Rating, Add	*70.16*	
		For ASTM 120, Deduct	*-3.00*	
		For Work In Restricted Working Space, Add	*11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0127	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	67.89	28.09
		For 300 Lb. Rating, Add	*90.35*	
		For ASTM 120, Deduct	*-3.87*	
		For Work In Restricted Working Space, Add	*12.62*	
22 11 16 00-0128	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	80.75	31.65
		For 300 Lb. Rating, Add	*116.13*	
		For ASTM 120, Deduct	*-5.00*	
		For Work In Restricted Working Space, Add	*14.23*	
22 11 16 00-0129	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	105.69	40.23
		For 300 Lb. Rating, Add	*158.14*	
		For ASTM 120, Deduct	*-6.82*	
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0130	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	215.99	59.52
		For 300 Lb. Rating, Add	*436.54*	
		For ASTM 120, Deduct	*-19.02*	
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0131	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	279.95	78.24
		For 300 Lb. Rating, Add	*559.98*	
		For ASTM 120, Deduct	*-24.39*	
		For Work In Restricted Working Space, Add	*35.20*	
22 11 16 00-0132	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	492.67	85.39
		For 300 Lb. Rating, Add	*1,247.42*	
		For ASTM 120, Deduct	*-54.69*	
		For Work In Restricted Working Space, Add	*38.41*	
22 11 16 00-0133	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,187.24	89.11
		For 300 Lb. Rating, Add	*3,590.36*	
		For ASTM 120, Deduct	*-158.04*	
		For Work In Restricted Working Space, Add	*40.08*	
22 11 16 00-0134	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,340.04	93.18
		For 300 Lb. Rating, Add	*4,089.60*	
		For ASTM 120, Deduct	*-180.05*	
		For Work In Restricted Working Space, Add	*41.90*	
22 11 16 00-0135	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,593.19	97.36
		For 300 Lb. Rating, Add	*4,929.31*	
		For ASTM 120, Deduct	*-217.08*	
		For Work In Restricted Working Space, Add	*43.79*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	16.03	9.25
		For 300 Lb. Rating, Add	*7.94*	
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*4.18*	
22 11 16 00-0138	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	17.75	9.92
		For 300 Lb. Rating, Add	*10.72*	
		For ASTM 120, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*4.46*	
22 11 16 00-0139	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Cap	20.74	11.48
		For 300 Lb. Rating, Add	*13.24*	
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0140	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	22.70	12.04
		For 300 Lb. Rating, Add	*17.13*	
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*5.39*	
22 11 16 00-0141	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	22.40	12.04
		For 300 Lb. Rating, Add	*16.11*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*5.39*	
22 11 16 00-0142	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	33.43	15.94
		For 300 Lb. Rating, Add	*33.60*	
		For ASTM 120, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0143	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Cap	50.95	19.84
		For 300 Lb. Rating, Add	*73.97*	
		For ASTM 120, Deduct	*-3.18*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0144	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Cap	66.19	23.96
		For 300 Lb. Rating, Add	*104.94*	
		For ASTM 120, Deduct	*-4.53*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0145	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Cap	100.41	29.31
		For 300 Lb. Rating, Add	*194.77*	
		For ASTM 120, Deduct	*-8.48*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0146	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Cap	242.49	36.66
		For 300 Lb. Rating, Add	*641.17*	
		For ASTM 120, Deduct	*-28.14*	
		For Work In Restricted Working Space, Add	*16.46*	
22 11 16 00-0147	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Cap	301.82	43.57
		For 300 Lb. Rating, Add	*807.82*	
		For ASTM 120, Deduct	*-35.47*	
		For Work In Restricted Working Space, Add	*19.61*	
22 11 16 00-0148	EA	8" Diameter, 150 Lb., Galvanized Malleable Iron Cap	379.41	48.69
		For 300 Lb. Rating, Add	*1,046.21*	
		For ASTM 120, Deduct	*-45.96*	
		For Work In Restricted Working Space, Add	*21.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0149		**Galvanized Malleable Iron FIP Threaded, Unions** *(22 11 16 00-0013)*		
22 11 16 00-0150	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	51.25	24.74
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0151	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Union	59.07	28.64
		For Work In Restricted Working Space, Add	*12.86*	
22 11 16 00-0152	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Union	71.88	33.77
		For Work In Restricted Working Space, Add	*15.20*	
22 11 16 00-0153	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Union	90.92	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0154	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	109.08	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 11 16 00-0155	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Union	131.90	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0156	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Union	280.05	87.71
		For Work In Restricted Working Space, Add	*39.49*	
22 11 16 00-0157	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Union	380.93	115.35
		For Work In Restricted Working Space, Add	*51.96*	
22 11 16 00-0158	EA	1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	65.82	24.74
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0159	EA	3/4" Diameter, 250 Lb., Galvanized Malleable Iron Union	68.92	28.64
		For Work In Restricted Working Space, Add	*12.86*	
22 11 16 00-0160	EA	1" Diameter, 250 Lb., Galvanized Malleable Iron Union	82.95	33.77
		For Work In Restricted Working Space, Add	*15.20*	
22 11 16 00-0161	EA	1-1/4" Diameter, 250 Lb., Galvanized Malleable Iron Union	109.15	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0162	EA	1-1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	128.23	47.92
		For Work In Restricted Working Space, Add	*21.58*	
22 11 16 00-0163	EA	2" Diameter, 250 Lb., Galvanized Malleable Iron Union	168.69	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0164	EA	2-1/2" Diameter, 250 Lb., Galvanized Malleable Iron Union	340.82	87.71
		For Work In Restricted Working Space, Add	*39.49*	
22 11 16 00-0165	EA	3" Diameter, 250 Lb., Galvanized Malleable Iron Union	494.14	115.35
		For Work In Restricted Working Space, Add	*51.96*	
22 11 16 00-0166	EA	4" Diameter, 250 Lb., Galvanized Malleable Iron Union	692.47	126.00
		For Work In Restricted Working Space, Add	*56.70*	
22 11 16 00-0167	EA	1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	69.82	24.74
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0168	EA	3/4" Diameter, 300 Lb., Galvanized Malleable Iron Union	78.30	28.64
		For Work In Restricted Working Space, Add	*12.86*	
22 11 16 00-0169	EA	1" Diameter, 300 Lb., Galvanized Malleable Iron Union	97.65	33.77
		For Work In Restricted Working Space, Add	*15.20*	
22 11 16 00-0170	EA	1-1/4" Diameter, 300 Lb., Galvanized Malleable Iron Union	125.77	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0171	EA	1-1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	150.83	47.92
		For Work In Restricted Working Space, Add	*21.58*	
22 11 16 00-0172	EA	2" Diameter, 300 Lb., Galvanized Malleable Iron Union	183.88	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 11 16 00-0173	EA	2-1/2" Diameter, 300 Lb., Galvanized Malleable Iron Union	395.81	87.71
		For Work In Restricted Working Space, Add	*39.49*	
22 11 16 00-0174	EA	3" Diameter, 300 Lb., Galvanized Malleable Iron Union	619.99	115.35
		For Work In Restricted Working Space, Add	*51.96*	
22 11 16 00-0175	EA	4" Diameter, 300 Lb., Galvanized Malleable Iron Union	1,309.60	126.00
		For Work In Restricted Working Space, Add	*56.70*	
22 11 16 00-0176		**Galvanized Steel Nipples** *(22 11 16 00-0013)*		
		Note: ASTM A-53.		
22 11 16 00-0177	EA	3/8" Diameter x Close, Schedule 40 Galvanized Steel Nipple	19.05	10.59
		For Schedule 80 Nipples, Add	*3.57*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0178	EA	1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	18.45	10.59
		For Schedule 80 Nipples, Add	*2.88*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0179	EA	3/4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	18.99	10.59
		For Schedule 80 Nipples, Add	*3.50*	
		For ASTM 120, Deduct	*-0.46*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0180	EA	1" Diameter x Close, Schedule 40 Galvanized Steel Nipple	21.36	11.48
		For Schedule 80 Nipples, Add	*4.80*	
		For ASTM 120, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0181	EA	1-1/4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	24.23	12.37
		For Schedule 80 Nipples, Add	*6.44*	
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0182	EA	1-1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	25.21	12.37
		For Schedule 80 Nipples, Add	*7.56*	
		For ASTM 120, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0183	EA	2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	33.32	15.94
		For Schedule 80 Nipples, Add	*10.66*	
		For ASTM 120, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*7.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0184	EA	2-1/2" Diameter x Close, Schedule 40 Galvanized Steel Nipple	57.55	19.84
		For Schedule 80 Nipples, Add	*31.73*	
		For ASTM 120, Deduct	*-4.17*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0185	EA	3" Diameter x Close, Schedule 40 Galvanized Steel Nipple	69.31	23.96
		For Schedule 80 Nipples, Add	*38.02*	
		For ASTM 120, Deduct	*-5.00*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0186	EA	4" Diameter x Close, Schedule 40 Galvanized Steel Nipple	93.88	29.31
		For Schedule 80 Nipples, Add	*56.98*	
		For ASTM 120, Deduct	*-7.50*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0187	EA	3/8" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.51	10.59
		For Schedule 80 Nipples, Add	*4.09*	
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0188	EA	1/2" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.58	10.59
		For Schedule 80 Nipples, Add	*3.03*	
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0189	EA	3/4" Diameter x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.26	10.59
		For Schedule 80 Nipples, Add	*3.81*	
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0190	EA	3/8"Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	19.51	10.59
		For Schedule 80 Nipples, Add	*4.09*	
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0191	EA	1/2" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	18.58	10.59
		For Schedule 80 Nipples, Add	*3.03*	
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0192	EA	3/4" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	19.26	10.59
		For Schedule 80 Nipples, Add	*3.81*	
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0193	EA	1" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	22.12	11.48
		For Schedule 80 Nipples, Add	*5.67*	
		For ASTM 120, Deduct	*-0.75*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0194	EA	1-1/4" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	24.64	12.37
		For Schedule 80 Nipples, Add	*6.91*	
		For ASTM 120, Deduct	*-0.91*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0195	EA	1-1/2" Diameter x 2" Long, Schedule 40 Galvanized Steel Nipple	25.70	12.37
		For Schedule 80 Nipples, Add	*8.12*	
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0196	EA	3/8" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.70	10.59
		For Schedule 80 Nipples, Add	*5.45*	
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0197	EA	1/2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.05	10.59
		For Schedule 80 Nipples, Add	*3.57*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0198	EA	3/4" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.62	10.59
		For Schedule 80 Nipples, Add	*4.22*	
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0199	EA	1" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.53	11.48
		For Schedule 80 Nipples, Add	*6.13*	
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0200	EA	1-1/4" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.24	12.37
		For Schedule 80 Nipples, Add	*7.59*	
		For ASTM 120, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0201	EA	1-1/2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.52	12.37
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0202	EA	2" Diameter x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.49	15.94
		For Schedule 80 Nipples, Add	*11.99*	
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0203	EA	3/8" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	20.70	10.59
		For Schedule 80 Nipples, Add	*5.45*	
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0204	EA	1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	19.05	10.59
		For Schedule 80 Nipples, Add	*3.57*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0205	EA	3/4" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	19.62	10.59
		For Schedule 80 Nipples, Add	*4.22*	
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0206	EA	1" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	22.53	11.48
		For Schedule 80 Nipples, Add	*6.13*	
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0207	EA	1-1/4" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	25.24	12.37
		For Schedule 80 Nipples, Add	*7.59*	
		For ASTM 120, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0208	EA	1-1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	26.52	12.37
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0209	EA	2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	34.49	15.94
		For Schedule 80 Nipples, Add	*11.99*	
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0210	EA	2-1/2" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	58.61	19.84
		For Schedule 80 Nipples, Add	*32.93*	
		For ASTM 120, Deduct	*-4.33*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0211	EA	3" Diameter x 3" Long, Schedule 40 Galvanized Steel Nipple	73.90	23.96
		For Schedule 80 Nipples, Add	*43.25*	
		For ASTM 120, Deduct	*-5.69*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0212	EA	3/8" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.60	10.59
		For Schedule 80 Nipples, Add	*6.48*	
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0213	EA	1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.78	10.59
		For Schedule 80 Nipples, Add	*4.40*	
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0214	EA	3/4" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.70	10.59
		For Schedule 80 Nipples, Add	*5.45*	
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0215	EA	1" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.62	11.48
		For Schedule 80 Nipples, Add	*7.38*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0216	EA	1-1/4" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.52	12.37
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0217	EA	1-1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.61	12.37
		For Schedule 80 Nipples, Add	*11.43*	
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0218	EA	2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	36.74	15.94
		For Schedule 80 Nipples, Add	*14.56*	
		For ASTM 120, Deduct	*-1.92*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0219	EA	2-1/2" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	63.26	19.84
		For Schedule 80 Nipples, Add	*38.24*	
		For ASTM 120, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0220	EA	3" Diameter x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	80.48	23.96
		For Schedule 80 Nipples, Add	*50.75*	
		For ASTM 120, Deduct	*-6.68*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0221	EA	3/8" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	21.60	10.59
		For Schedule 80 Nipples, Add	*6.48*	
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0222	EA	1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	19.78	10.59
		For Schedule 80 Nipples, Add	*4.40*	
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0223	EA	3/4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	21.60	10.59
		For Schedule 80 Nipples, Add	*6.48*	
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0224	EA	1" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	23.62	11.48
		For Schedule 80 Nipples, Add	*7.38*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0225	EA	1-1/4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	26.52	12.37
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0226	EA	1-1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	28.61	12.37
		For Schedule 80 Nipples, Add	*11.43*	
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0227	EA	2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	36.85	15.94
		For Schedule 80 Nipples, Add	*14.68*	
		For ASTM 120, Deduct	*-1.93*	
		For Work In Restricted Working Space, Add	*7.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0228	EA	2-1/2" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	63.26	19.84
		For Schedule 80 Nipples, Add	*38.24*	
		For ASTM 120, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0229	EA	3" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	80.48	23.96
		For Schedule 80 Nipples, Add	*50.75*	
		For ASTM 120, Deduct	*-6.68*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0230	EA	4" Diameter x 4" Long, Schedule 40 Galvanized Steel Nipple	103.66	29.31
		For Schedule 80 Nipples, Add	*68.13*	
		For ASTM 120, Deduct	*-8.96*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0231	EA	3/8" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.75	10.59
		For Schedule 80 Nipples, Add	*8.93*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0232	EA	1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.57	10.59
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0233	EA	3/4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.63	10.59
		For Schedule 80 Nipples, Add	*6.51*	
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0234	EA	1" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.09	11.48
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0235	EA	1-1/4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.39	12.37
		For Schedule 80 Nipples, Add	*11.18*	
		For ASTM 120, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0236	EA	1-1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	30.70	12.37
		For Schedule 80 Nipples, Add	*13.82*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0237	EA	2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	40.28	15.94
		For Schedule 80 Nipples, Add	*18.59*	
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0238	EA	2-1/2" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	67.12	19.84
		For Schedule 80 Nipples, Add	*42.64*	
		For ASTM 120, Deduct	*-5.61*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0239	EA	3" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	87.84	23.96
		For Schedule 80 Nipples, Add	*59.14*	
		For ASTM 120, Deduct	*-7.78*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0240	EA	4" Diameter x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	110.92	29.31
		For Schedule 80 Nipples, Add	*76.40*	
		For ASTM 120, Deduct	*-10.05*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0241	EA	3/8" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	23.75	10.59
		For Schedule 80 Nipples, Add	*8.93*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0242	EA	1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	20.57	10.59
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0243	EA	3/4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	21.63	10.59
		For Schedule 80 Nipples, Add	*6.51*	
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0244	EA	1" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	25.09	11.48
		For Schedule 80 Nipples, Add	*9.05*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0245	EA	1-1/4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	28.39	12.37
		For Schedule 80 Nipples, Add	*11.18*	
		For ASTM 120, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0246	EA	1-1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	30.70	12.37
		For Schedule 80 Nipples, Add	*13.82*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0247	EA	2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	40.28	15.94
		For Schedule 80 Nipples, Add	*18.59*	
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0248	EA	2-1/2" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	67.12	19.84
		For Schedule 80 Nipples, Add	*42.64*	
		For ASTM 120, Deduct	*-5.61*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0249	EA	3" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	87.84	23.96
		For Schedule 80 Nipples, Add	*59.14*	
		For ASTM 120, Deduct	*-7.78*	
		For Work In Restricted Working Space, Add	*10.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0250	EA	4" Diameter x 5" Long, Schedule 40 Galvanized Steel Nipple	110.92	29.31
		For Schedule 80 Nipples, Add	*76.40*	
		For ASTM 120, Deduct	*-10.05*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0251	EA	3/8" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	24.62	10.59
		For Schedule 80 Nipples, Add	*9.92*	
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0252	EA	1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	21.19	10.59
		For Schedule 80 Nipples, Add	*6.01*	
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0253	EA	3/4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	22.77	10.59
		For Schedule 80 Nipples, Add	*7.81*	
		For ASTM 120, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0254	EA	1" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	26.15	11.48
		For Schedule 80 Nipples, Add	*10.26*	
		For ASTM 120, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0255	EA	1-1/4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	29.97	12.37
		For Schedule 80 Nipples, Add	*12.98*	
		For ASTM 120, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0256	EA	1-1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	32.22	12.37
		For Schedule 80 Nipples, Add	*15.55*	
		For ASTM 120, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0257	EA	2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	42.91	15.94
		For Schedule 80 Nipples, Add	*21.59*	
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0258	EA	2-1/2" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	70.81	19.84
		For Schedule 80 Nipples, Add	*46.84*	
		For ASTM 120, Deduct	*-6.16*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0259	EA	3" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	90.83	23.96
		For Schedule 80 Nipples, Add	*62.55*	
		For ASTM 120, Deduct	*-8.23*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0260	EA	4" Diameter x 6" Long, Schedule 40 Galvanized Steel Nipple	117.98	29.31
		For Schedule 80 Nipples, Add	*84.45*	
		For ASTM 120, Deduct	*-11.11*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0261	EA	3/8" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	50.68	10.59
		For Schedule 80 Nipples, Add	*39.63*	
		For ASTM 120, Deduct	*-5.21*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0262	EA	1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	25.21	10.59
		For Schedule 80 Nipples, Add	*10.59*	
		For ASTM 120, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0263	EA	3/4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	27.80	10.59
		For Schedule 80 Nipples, Add	*13.54*	
		For ASTM 120, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0264	EA	1" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	32.21	11.48
		For Schedule 80 Nipples, Add	*17.17*	
		For ASTM 120, Deduct	*-2.26*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0265	EA	1-1/4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	37.03	12.37
		For Schedule 80 Nipples, Add	*21.03*	
		For ASTM 120, Deduct	*-2.77*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0266	EA	1-1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	39.75	12.37
		For Schedule 80 Nipples, Add	*24.13*	
		For ASTM 120, Deduct	*-3.18*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0267	EA	2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	54.84	15.94
		For Schedule 80 Nipples, Add	*35.19*	
		For ASTM 120, Deduct	*-4.63*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0268	EA	2-1/2" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	82.61	19.84
		For Schedule 80 Nipples, Add	*60.29*	
		For ASTM 120, Deduct	*-7.93*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0269	EA	3" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	109.88	23.96
		For Schedule 80 Nipples, Add	*84.27*	
		For ASTM 120, Deduct	*-11.09*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0270	EA	4" Diameter x 8" Long, Schedule 40 Galvanized Steel Nipple	132.31	29.31
		For Schedule 80 Nipples, Add	*100.79*	
		For ASTM 120, Deduct	*-13.26*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0271	EA	3/8" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	32.50	10.59
		For Schedule 80 Nipples, Add	*18.90*	
		For ASTM 120, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0272	EA	1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	26.95	10.59
		For Schedule 80 Nipples, Add	*12.57*	
		For ASTM 120, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0273	EA	3/4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	29.10	10.59
		For Schedule 80 Nipples, Add	*15.03*	
		For ASTM 120, Deduct	*-1.98*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0274	EA	1" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	34.35	11.48
		For Schedule 80 Nipples, Add	*19.61*	
		For ASTM 120, Deduct	*-2.58*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0275	EA	1-1/4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	40.65	12.37
		For Schedule 80 Nipples, Add	*25.16*	
		For ASTM 120, Deduct	*-3.31*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0276	EA	1-1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	43.26	12.37
		For Schedule 80 Nipples, Add	*28.14*	
		For ASTM 120, Deduct	*-3.70*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0277	EA	2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	60.09	15.94
		For Schedule 80 Nipples, Add	*41.18*	
		For ASTM 120, Deduct	*-5.42*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0278	EA	2-1/2" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	90.00	19.84
		For Schedule 80 Nipples, Add	*68.72*	
		For ASTM 120, Deduct	*-9.04*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0279	EA	3" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	120.29	23.96
		For Schedule 80 Nipples, Add	*96.14*	
		For ASTM 120, Deduct	*-12.65*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0280	EA	4" Diameter x 10" Long, Schedule 40 Galvanized Steel Nipple	146.36	29.31
		For Schedule 80 Nipples, Add	*116.80*	
		For ASTM 120, Deduct	*-15.37*	
		For Work In Restricted Working Space, Add	*13.17*	
22 11 16 00-0281	EA	3/8" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	34.29	10.59
		For Schedule 80 Nipples, Add	*20.94*	
		For ASTM 120, Deduct	*-2.76*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0282	EA	1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	28.48	10.59
		For Schedule 80 Nipples, Add	*14.32*	
		For ASTM 120, Deduct	*-1.88*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0283	EA	3/4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	30.70	10.59
		For Schedule 80 Nipples, Add	*16.85*	
		For ASTM 120, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0284	EA	1" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	37.18	11.48
		For Schedule 80 Nipples, Add	*22.83*	
		For ASTM 120, Deduct	*-3.00*	
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0285	EA	1-1/4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	45.08	12.37
		For Schedule 80 Nipples, Add	*30.21*	
		For ASTM 120, Deduct	*-3.98*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0286	EA	1-1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	46.82	12.37
		For Schedule 80 Nipples, Add	*32.19*	
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*5.57*	
22 11 16 00-0287	EA	2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	65.41	15.94
		For Schedule 80 Nipples, Add	*47.24*	
		For ASTM 120, Deduct	*-6.22*	
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0288	EA	2-1/2" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	97.17	19.84
		For Schedule 80 Nipples, Add	*76.89*	
		For ASTM 120, Deduct	*-10.12*	
		For Work In Restricted Working Space, Add	*8.92*	
22 11 16 00-0289	EA	3" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	130.78	23.96
		For Schedule 80 Nipples, Add	*108.09*	
		For ASTM 120, Deduct	*-14.22*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0290	EA	4" Diameter x 12" Long, Schedule 40 Galvanized Steel Nipple	160.54	29.31
		For Schedule 80 Nipples, Add	*132.97*	
		For ASTM 120, Deduct	*-17.50*	
		For Work In Restricted Working Space, Add	*13.17*	

22 11 16 00-0291 Galvanized Steel Dielectric Nipples With Polyethylene Liner *(22 11 16 00-0013)*

See CSI section 22 11 16 00-0837 for dielectric unions.

22 11 16 00-0292	EA	1/2" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.44	10.59
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0293	EA	1/2" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.82	10.59
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0294	EA	3/4" Diameter Threaded x 2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	19.16	10.59
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0295	EA	3/4" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	20.42	10.59
		For Work In Restricted Working Space, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0296	EA	3/4" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.73	10.59
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0297	EA	3/4" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	22.51	10.59
		For Work In Restricted Working Space, Add	*4.78*	
22 11 16 00-0298	EA	1" Diameter Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.96	11.48
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0299	EA	1" Diameter Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	22.37	11.48
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0300	EA	1" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	28.68	11.48
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-0301	EA	1-1/4" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	31.07	12.37
		For Work In Restricted Working Space, Add	*5.59*	
22 11 16 00-0302	EA	1-1/2" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	34.55	12.37
		For Work In Restricted Working Space, Add	*5.59*	
22 11 16 00-0303	EA	2" Diameter Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	46.12	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0304	EA	2-1/2" Diameter Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	54.96	19.84
		For Work In Restricted Working Space, Add	*8.93*	
22 11 16 00-0305	EA	3" Diameter Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	86.77	23.96
		For Work In Restricted Working Space, Add	*10.80*	

22 11 16 00-0306 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0307	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	19.09	7.91
		For 300 Lb. Rating, Add	*25.19*	
		For Work In Restricted Working Space, Add	*3.57*	
22 11 16 00-0308	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	20.51	8.91
		For 300 Lb. Rating, Add	*25.28*	
		For Work In Restricted Working Space, Add	*3.99*	
22 11 16 00-0309	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	22.76	9.92
		For 300 Lb. Rating, Add	*27.75*	
		For Work In Restricted Working Space, Add	*4.46*	
22 11 16 00-0310	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	28.96	11.26
		For 300 Lb. Rating, Add	*42.29*	
		For Work In Restricted Working Space, Add	*5.05*	
22 11 16 00-0311	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	35.33	12.59
		For 300 Lb. Rating, Add	*56.76*	
		For Work In Restricted Working Space, Add	*5.69*	
22 11 16 00-0312	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	44.89	16.05
		For 300 Lb. Rating, Add	*72.17*	
		For Work In Restricted Working Space, Add	*7.23*	
22 11 16 00-0313	EA	2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	76.23	23.74
		For 300 Lb. Rating, Add	*140.08*	
		For Work In Restricted Working Space, Add	*10.70*	
22 11 16 00-0314	EA	3" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	104.49	31.32
		For 300 Lb. Rating, Add	*198.52*	
		For Work In Restricted Working Space, Add	*14.08*	
22 11 16 00-0315	EA	4" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	170.71	34.13
		For 300 Lb. Rating, Add	*409.34*	
		For Work In Restricted Working Space, Add	*15.37*	
22 11 16 00-0316	EA	5" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	272.68	35.67
		For 300 Lb. Rating, Add	*748.59*	
		For Work In Restricted Working Space, Add	*16.04*	
22 11 16 00-0317	EA	6" Diameter, 150 Lb., Galvanized Malleable Iron Square Head Plug	292.88	37.21
		For 300 Lb. Rating, Add	*809.19*	
		For Work In Restricted Working Space, Add	*16.76*	

22 11 16 00-0318 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0319	EA	3/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	40.81	20.95
		For Work In Restricted Working Space, Add	*9.45*	
22 11 16 00-0320	EA	1" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	44.58	22.29
		For Work In Restricted Working Space, Add	*10.03*	
22 11 16 00-0321	EA	1" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	45.76	23.52
		For Work In Restricted Working Space, Add	*10.56*	
22 11 16 00-0322	EA	1-1/4" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	51.48	23.96
		For Work In Restricted Working Space, Add	*10.77*	
22 11 16 00-0323	EA	1-1/4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	51.84	25.07
		For Work In Restricted Working Space, Add	*11.30*	
22 11 16 00-0324	EA	1-1/4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	53.78	26.42
		For Work In Restricted Working Space, Add	*11.88*	
22 11 16 00-0325	EA	1-1/2" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	59.19	25.75
		For Work In Restricted Working Space, Add	*11.57*	
22 11 16 00-0326	EA	1-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	60.95	26.86
		For Work In Restricted Working Space, Add	*12.10*	
22 11 16 00-0327	EA	1-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	60.86	28.20
		For Work In Restricted Working Space, Add	*12.68*	
22 11 16 00-0328	EA	1-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	61.89	29.87
		For Work In Restricted Working Space, Add	*13.42*	
22 11 16 00-0329	EA	2" x 1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	70.72	29.98
		For Work In Restricted Working Space, Add	*13.49*	
22 11 16 00-0330	EA	2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	70.70	31.21
		For Work In Restricted Working Space, Add	*14.03*	
22 11 16 00-0331	EA	2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	71.33	32.43
		For Work In Restricted Working Space, Add	*14.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0332	EA	2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	73.79	34.11
		For Work In Restricted Working Space, Add	*15.35*	
22 11 16 00-0333	EA	2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	73.70	35.89
		For Work In Restricted Working Space, Add	*16.15*	
22 11 16 00-0334	EA	2-1/2" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	98.46	40.79
		For Work In Restricted Working Space, Add	*18.37*	
22 11 16 00-0335	EA	2-1/2" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	100.40	42.13
		For Work In Restricted Working Space, Add	*18.95*	
22 11 16 00-0336	EA	2-1/2" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	102.85	43.69
		For Work In Restricted Working Space, Add	*19.68*	
22 11 16 00-0337	EA	2-1/2" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	104.85	45.59
		For Work In Restricted Working Space, Add	*20.49*	
22 11 16 00-0338	EA	2-1/2" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	107.09	49.82
		For Work In Restricted Working Space, Add	*22.41*	
22 11 16 00-0339	EA	3" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	124.46	50.16
		For Work In Restricted Working Space, Add	*22.59*	
22 11 16 00-0340	EA	3" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	126.40	51.49
		For Work In Restricted Working Space, Add	*23.17*	
22 11 16 00-0341	EA	3" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	128.85	53.17
		For Work In Restricted Working Space, Add	*23.91*	
22 11 16 00-0342	EA	3" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	130.58	54.95
		For Work In Restricted Working Space, Add	*24.71*	
22 11 16 00-0343	EA	3" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	132.48	59.18
		For Work In Restricted Working Space, Add	*26.63*	
22 11 16 00-0344	EA	3" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	149.48	68.88
		For Work In Restricted Working Space, Add	*30.97*	
22 11 16 00-0345	EA	4" x 3/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	183.43	53.56
		For Work In Restricted Working Space, Add	*24.12*	
22 11 16 00-0346	EA	4" x 1" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	185.35	54.88
		For Work In Restricted Working Space, Add	*24.70*	
22 11 16 00-0347	EA	4" x 1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	187.76	56.52
		For Work In Restricted Working Space, Add	*25.42*	
22 11 16 00-0348	EA	4" x 1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	190.40	58.28
		For Work In Restricted Working Space, Add	*26.21*	
22 11 16 00-0349	EA	4" x 2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	184.59	62.45
		For Work In Restricted Working Space, Add	*28.11*	
22 11 16 00-0350	EA	4" x 2-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	210.95	72.00
		For Work In Restricted Working Space, Add	*32.38*	
22 11 16 00-0351	EA	4" x 3" Diameter, 150 Lb., Galvanized Malleable Iron Bushing	218.01	81.21
		For Work In Restricted Working Space, Add	*36.54*	

22 11 16 00-0352 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

22 11 16 00-0353	EA	1/2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	69.30	40.73
22 11 16 00-0354	EA	3/4" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	75.75	44.58
22 11 16 00-0355	EA	1" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	87.09	50.38
22 11 16 00-0356	EA	1-1/4" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	90.55	52.16
22 11 16 00-0357	EA	1-1/2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	98.54	56.73
22 11 16 00-0358	EA	2" Diameter, 150 Lb., Galvanized Malleable Iron Floor Flange	106.34	59.18

22 11 16 00-0359 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

22 11 16 00-0360	EA	3/4" Diameter, 125 Lb., Galvanized Cast Iron Flange	136.14	44.58
		For Work In Restricted Working Space, Add	*20.06*	
22 11 16 00-0361	EA	1" Diameter, 125 Lb., Galvanized Cast Iron Flange	129.19	50.38
		For Work In Restricted Working Space, Add	*22.67*	
22 11 16 00-0362	EA	1-1/4" Diameter, 125 Lb., Galvanized Cast Iron Flange	106.55	52.16
		For Work In Restricted Working Space, Add	*23.46*	
22 11 16 00-0363	EA	1-1/2" Diameter, 125 Lb., Galvanized Cast Iron Flange	126.94	56.73
		For Work In Restricted Working Space, Add	*25.52*	
22 11 16 00-0364	EA	2" Diameter, 125 Lb., Galvanized Cast Iron Flange	144.19	59.18
		For Work In Restricted Working Space, Add	*26.64*	
22 11 16 00-0365	EA	2-1/2" Diameter, 125 Lb., Galvanized Cast Iron Flange	167.52	68.54
		For Work In Restricted Working Space, Add	*30.81*	
22 11 16 00-0366	EA	3" Diameter, 125 Lb., Galvanized Cast Iron Flange	305.35	86.93
		For Work In Restricted Working Space, Add	*39.10*	
22 11 16 00-0367	EA	4" Diameter, 125 Lb., Galvanized Cast Iron Flange	413.94	117.11
		For Work In Restricted Working Space, Add	*52.67*	
22 11 16 00-0368	EA	5" Diameter, 125 Lb., Galvanized Cast Iron Flange	583.21	139.38
		For Work In Restricted Working Space, Add	*62.70*	
22 11 16 00-0369	EA	6" Diameter, 125 Lb., Galvanized Cast Iron Flange	640.07	160.13
		For Work In Restricted Working Space, Add	*72.02*	
22 11 16 00-0370	EA	8" Diameter, 125 Lb., Galvanized Cast Iron Flange	587.11	183.01
		For Work In Restricted Working Space, Add	*82.31*	

22 11 16 00-0371 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0372	EA	1/2" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	36.31	
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0373	EA	3/4" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	39.93	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0374	EA	1" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	43.57	
		For Work In Restricted Working Space, Add	*13.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0375	EA	1-1/4" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	47.19	
		For Work In Restricted Working Space, Add	*14.16*	
22 11 16 00-0376	EA	1-1/2" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	49.62	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0377	EA	2" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	52.03	
		For Work In Restricted Working Space, Add	*15.61*	
22 11 16 00-0378	EA	2-1/2" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	54.45	
		For Work In Restricted Working Space, Add	*16.34*	
22 11 16 00-0379	EA	3" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	56.88	
		For Work In Restricted Working Space, Add	*17.06*	
22 11 16 00-0380	EA	4" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	59.29	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0381	EA	6" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	64.13	
		For Work In Restricted Working Space, Add	*19.24*	
22 11 16 00-0382	EA	8" Diameter, Cut And Thread Existing In Place Galvanized Steel Pipe	68.97	
		For Work In Restricted Working Space, Add	*20.69*	

22 11 16 00-0383 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0914 for pipe with fittings assembly.

22 11 16 00-0384 Copper Tube/Pipe *(22 11 16 00-0383)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0385 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0384)*

22 11 16 00-0386	LF	1/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	5.95	2.73
		For Medical/Oxygen Service Tubing, Add	*0.15*	
		For Up To 20, Add	*0.64*	
		For >200, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0387	LF	3/8" Diameter, Hard Drawn Type L Copper Tube/Pipe	6.98	2.83
		For Medical/Oxygen Service Tubing, Add	*0.22*	
		For Up To 20, Add	*0.77*	
		For >200, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.28*	
22 11 16 00-0388	LF	1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	7.68	2.95
		For Medical/Oxygen Service Tubing, Add	*0.26*	
		For Up To 20, Add	*0.85*	
		For >200, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0389	LF	3/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	10.00	3.13
		For Medical/Oxygen Service Tubing, Add	*0.42*	
		For Up To 20, Add	*1.13*	
		For >200, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0390	LF	1" Diameter, Hard Drawn Type L Copper Tube/Pipe	12.93	3.52
		For Medical/Oxygen Service Tubing, Add	*0.61*	
		For Up To 20, Add	*1.48*	
		For >200, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.58*	
22 11 16 00-0391	LF	1-1/4" Diameter, Hard Drawn Type L Copper Tube/Pipe	18.39	5.24
		For Medical/Oxygen Service Tubing, Add	*0.84*	
		For Up To 20, Add	*2.10*	
		For >200, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-0392	LF	1-1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	22.33	5.85
		For Medical/Oxygen Service Tubing, Add	*1.09*	
		For Up To 20, Add	*2.57*	
		For >200, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*2.63*	
22 11 16 00-0393	LF	2" Diameter, Hard Drawn Type L Copper Tube/Pipe	32.28	7.21
		For Medical/Oxygen Service Tubing, Add	*1.72*	
		For Up To 20, Add	*3.76*	
		For >200, Deduct	*-2.15*	
		For Work In Restricted Working Space, Add	*3.24*	
22 11 16 00-0394	LF	2-1/2" Diameter, Hard Drawn Type L Copper Tube/Pipe	56.48	8.48
		For Medical/Oxygen Service Tubing, Add	*2.48*	
		For Up To 20, Add	*6.42*	
		For >200, Deduct	*-3.10*	
		For Work In Restricted Working Space, Add	*7.64*	
22 11 16 00-0395	LF	3" Diameter, Hard Drawn Type L Copper Tube/Pipe	71.32	9.99
		For Medical/Oxygen Service Tubing, Add	*3.31*	
		For Up To 20, Add	*8.17*	
		For >200, Deduct	*-4.14*	
		For Work In Restricted Working Space, Add	*8.99*	
22 11 16 00-0396	LF	4" Diameter, Hard Drawn Type L Copper Tube/Pipe	107.52	11.28
		For Medical/Oxygen Service Tubing, Add	*5.90*	
		For Up To 20, Add	*12.59*	
		For >200, Deduct	*-7.37*	
		For Work In Restricted Working Space, Add	*10.15*	
22 11 16 00-0397	LF	5" Diameter, Hard Drawn Type L Copper Tube/Pipe	169.02	12.96
		For Medical/Oxygen Service Tubing, Add	*10.41*	
		For Up To 20, Add	*20.16*	
		For >200, Deduct	*-13.02*	
		For Work In Restricted Working Space, Add	*11.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0398	LF	6" Diameter, Hard Drawn Type L Copper Tube/Pipe	231.44	20.07
		For Medical/Oxygen Service Tubing, Add	*13.70*	
		For Up To 20, Add	*27.43*	
		For >200, Deduct	*-17.13*	
		For Work In Restricted Working Space, Add	*18.05*	
22 11 16 00-0399	LF	8" Diameter, Hard Drawn Type L Copper Tube/Pipe	389.66	22.31
		For Medical/Oxygen Service Tubing, Add	*25.82*	
		For Up To 20, Add	*47.04*	
		For >200, Deduct	*-32.28*	
		For Work In Restricted Working Space, Add	*20.07*	

22 11 16 00-0400 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0384)*

22 11 16 00-0401	LF	1/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	6.48	2.93
		For Medical/Oxygen Service Tubing, Add	*0.17*	
		For Up To 20, Add	*0.70*	
		For >200, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0402	LF	3/8" Diameter, Hard Drawn Type K Copper Tube/Pipe	8.79	3.05
		For Medical/Oxygen Service Tubing, Add	*0.30*	
		For Up To 20, Add	*0.97*	
		For >200, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*1.51*	
22 11 16 00-0403	LF	1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	9.31	3.17
		For Medical/Oxygen Service Tubing, Add	*0.35*	
		For Up To 20, Add	*1.04*	
		For >200, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.47*	
22 11 16 00-0404	LF	3/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	13.65	3.36
		For Medical/Oxygen Service Tubing, Add	*0.64*	
		For Up To 20, Add	*1.56*	
		For >200, Deduct	*-0.80*	
		For Work In Restricted Working Space, Add	*1.70*	
22 11 16 00-0405	LF	1" Diameter, Hard Drawn Type K Copper Tube/Pipe	16.63	3.79
		For Medical/Oxygen Service Tubing, Add	*0.85*	
		For Up To 20, Add	*1.93*	
		For >200, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*1.81*	
22 11 16 00-0406	LF	1-1/4" Diameter, Hard Drawn Type K Copper Tube/Pipe	21.73	5.63
		For Medical/Oxygen Service Tubing, Add	*1.06*	
		For Up To 20, Add	*2.50*	
		For >200, Deduct	*-1.32*	
		For Work In Restricted Working Space, Add	*2.56*	
22 11 16 00-0407	LF	1-1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	26.50	6.28
		For Medical/Oxygen Service Tubing, Add	*1.35*	
		For Up To 20, Add	*3.07*	
		For >200, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*2.88*	
22 11 16 00-0408	LF	2" Diameter, Hard Drawn Type K Copper Tube/Pipe	37.75	7.76
		For Medical/Oxygen Service Tubing, Add	*2.08*	
		For Up To 20, Add	*4.42*	
		For >200, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*3.53*	
22 11 16 00-0409	LF	2-1/2" Diameter, Hard Drawn Type K Copper Tube/Pipe	64.31	9.12
		For Medical/Oxygen Service Tubing, Add	*3.10*	
		For Up To 20, Add	*7.40*	
		For >200, Deduct	*-3.87*	
		For Work In Restricted Working Space, Add	*7.68*	
22 11 16 00-0410	LF	3" Diameter, Hard Drawn Type K Copper Tube/Pipe	85.90	10.74
		For Medical/Oxygen Service Tubing, Add	*4.23*	
		For Up To 20, Add	*9.91*	
		For >200, Deduct	*-5.29*	
		For Work In Restricted Working Space, Add	*9.89*	
22 11 16 00-0411	LF	4" Diameter, Hard Drawn Type K Copper Tube/Pipe	131.69	12.13
		For Medical/Oxygen Service Tubing, Add	*7.55*	
		For Up To 20, Add	*15.53*	
		For >200, Deduct	*-9.43*	
		For Work In Restricted Working Space, Add	*11.21*	
22 11 16 00-0412	LF	5" Diameter, Hard Drawn Type K Copper Tube/Pipe	216.96	13.92
		For Medical/Oxygen Service Tubing, Add	*13.83*	
		For Up To 20, Add	*26.02*	
		For >200, Deduct	*-17.29*	
		For Work In Restricted Working Space, Add	*13.23*	
22 11 16 00-0413	LF	6" Diameter, Hard Drawn Type K Copper Tube/Pipe	319.12	21.58
		For Medical/Oxygen Service Tubing, Add	*19.84*	
		For Up To 20, Add	*38.11*	
		For >200, Deduct	*-24.80*	
		For Work In Restricted Working Space, Add	*21.33*	
22 11 16 00-0414	LF	8" Diameter, Hard Drawn Type K Copper Tube/Pipe	542.77	23.98
		For Medical/Oxygen Service Tubing, Add	*37.15*	
		For Up To 20, Add	*65.89*	
		For >200, Deduct	*-46.44*	
		For Work In Restricted Working Space, Add	*23.50*	

22 11 16 00-0415 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0384)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0416	LF	3/8" Diameter, Hard Drawn Type M Copper Tube/Pipe	5.82	2.56
		For Up To 20, Add	*0.64*	
		For >200, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*1.11*	
22 11 16 00-0417	LF	1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	6.20	2.67
		For Up To 20, Add	*0.68*	
		For >200, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0418	LF	3/4" Diameter, Hard Drawn Type M Copper Tube/Pipe	7.92	2.82
		For Up To 20, Add	*0.89*	
		For >200, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0419	LF	1" Diameter, Hard Drawn Type M Copper Tube/Pipe	10.48	3.17
		For Up To 20, Add	*1.20*	
		For >200, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.35*	
22 11 16 00-0420	LF	1-1/4" Diameter, Hard Drawn Type M Copper Tube/Pipe	15.65	4.72
		For Up To 20, Add	*1.78*	
		For >200, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*2.09*	
22 11 16 00-0421	LF	1-1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	19.99	5.26
		For Up To 20, Add	*2.30*	
		For >200, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*2.40*	
22 11 16 00-0422	LF	2" Diameter, Hard Drawn Type M Copper Tube/Pipe	28.79	6.48
		For Up To 20, Add	*3.35*	
		For >200, Deduct	*-1.89*	
		For Work In Restricted Working Space, Add	*2.97*	
22 11 16 00-0423	LF	2-1/2" Diameter, Hard Drawn Type M Copper Tube/Pipe	51.46	7.63
		For Up To 20, Add	*5.83*	
		For >200, Deduct	*-2.74*	
		For Work In Restricted Working Space, Add	*7.22*	
22 11 16 00-0424	LF	3" Diameter, Hard Drawn Type M Copper Tube/Pipe	63.47	8.99
		For Up To 20, Add	*7.26*	
		For >200, Deduct	*-3.64*	
		For Work In Restricted Working Space, Add	*8.11*	
22 11 16 00-0425	LF	4" Diameter, Hard Drawn Type M Copper Tube/Pipe	99.78	10.16
		For Up To 20, Add	*11.68*	
		For >200, Deduct	*-6.82*	
		For Work In Restricted Working Space, Add	*9.47*	
22 11 16 00-0426	LF	5" Diameter, Hard Drawn Type M Copper Tube/Pipe	168.87	11.66
		For Up To 20, Add	*20.20*	
		For >200, Deduct	*-13.25*	
		For Work In Restricted Working Space, Add	*10.93*	
22 11 16 00-0427	LF	6" Diameter, Hard Drawn Type M Copper Tube/Pipe	233.36	18.07
		For Up To 20, Add	*27.76*	
		For >200, Deduct	*-17.70*	
		For Work In Restricted Working Space, Add	*16.92*	
22 11 16 00-0428	LF	8" Diameter, Hard Drawn Type M Copper Tube/Pipe	397.37	20.08
		For Up To 20, Add	*48.12*	
		For >200, Deduct	*-33.53*	
		For Work In Restricted Working Space, Add	*18.62*	

22 11 16 00-0429 Soft Drawn Type L Copper Tube *(22 11 16 00-0384)*

22 11 16 00-0430	LF	1/4" Diameter, Soft Drawn Type L Copper Tube	6.47	2.73
		For Up To 20, Add	*0.71*	
		For >200, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0431	LF	3/8" Diameter, Soft Drawn Type L Copper Tube	7.99	2.83
		For Up To 20, Add	*0.89*	
		For >200, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.28*	
22 11 16 00-0432	LF	1/2" Diameter, Soft Drawn Type L Copper Tube	9.45	2.95
		For Up To 20, Add	*1.07*	
		For >200, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0433	LF	5/8" Diameter, Soft Drawn Type L Copper Tube	11.00	3.05
		For Up To 20, Add	*1.26*	
		For >200, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0434	LF	3/4" Diameter, Soft Drawn Type L Copper Tube	12.39	3.13
		For Up To 20, Add	*1.43*	
		For >200, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0435	LF	1" Diameter, Soft Drawn Type L Copper Tube	15.92	3.52
		For Up To 20, Add	*1.86*	
		For >200, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*1.58*	
22 11 16 00-0436	LF	1-1/4" Diameter, Soft Drawn Type L Copper Tube	21.85	5.24
		For Up To 20, Add	*2.54*	
		For >200, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-0437	LF	1-1/2" Diameter, Soft Drawn Type L Copper Tube	27.74	5.85
		For Up To 20, Add	*3.25*	
		For >200, Deduct	*-1.90*	
		For Work In Restricted Working Space, Add	*2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0438	LF	2" Diameter, Soft Drawn Type L Copper Tube	40.99	7.21
		For Up To 20, Add	*4.85*	
		For >200, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*3.24*	

22 11 16 00-0439 Soft Drawn Type K Copper Tube *(22 11 16 00-0384)*

22 11 16 00-0440	LF	1/4" Diameter, Soft Drawn Type K Copper Tube	6.72	2.73
		For Up To 20, Add	*0.74*	
		For >200, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0441	LF	3/8" Diameter, Soft Drawn Type K Copper Tube	8.77	2.83
		For Up To 20, Add	*0.99*	
		For >200, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*1.28*	
22 11 16 00-0442	LF	1/2" Diameter, Soft Drawn Type K Copper Tube	10.09	2.95
		For Up To 20, Add	*1.15*	
		For >200, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0443	LF	5/8" Diameter, Soft Drawn Type K Copper Tube	11.31	3.05
		For Up To 20, Add	*1.30*	
		For >200, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.37*	
22 11 16 00-0444	LF	3/4" Diameter, Soft Drawn Type K Copper Tube	15.19	3.13
		For Up To 20, Add	*1.78*	
		For >200, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0445	LF	1" Diameter, Soft Drawn Type K Copper Tube	19.19	3.52
		For Up To 20, Add	*2.27*	
		For >200, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*1.58*	
22 11 16 00-0446	LF	1-1/4" Diameter, Soft Drawn Type K Copper Tube	24.24	5.24
		For Up To 20, Add	*2.83*	
		For >200, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-0447	LF	1-1/2" Diameter, Soft Drawn Type K Copper Tube	31.54	5.85
		For Up To 20, Add	*3.72*	
		For >200, Deduct	*-2.28*	
		For Work In Restricted Working Space, Add	*2.63*	
22 11 16 00-0448	LF	2" Diameter, Soft Drawn Type K Copper Tube	46.22	7.21
		For Up To 20, Add	*5.51*	
		For >200, Deduct	*-3.54*	
		For Work In Restricted Working Space, Add	*3.24*	
22 11 16 00-0449	LF	2-1/2" Diameter, Soft Drawn Type K Copper Tube	66.08	8.64
		For Up To 20, Add	*7.94*	
		For >200, Deduct	*-5.31*	
		For Work In Restricted Working Space, Add	*3.89*	
22 11 16 00-0450	LF	3" Diameter, Soft Drawn Type K Copper Tube	89.19	10.21
		For Up To 20, Add	*10.77*	
		For >200, Deduct	*-7.39*	
		For Work In Restricted Working Space, Add	*4.59*	

22 11 16 00-0451 Copper And Brass Fittings *(22 11 16 00-0383)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0452 90 Degree Copper Elbows *(22 11 16 00-0451)*

22 11 16 00-0453	EA	1/4" Diameter, 90 Degree Copper Elbow	27.06	16.14
		For Silver Solder Instead Of 95/5 Solder, Add	*3.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.63*	
		For Street Fitting, Add	*1.14*	
		For Work In Restricted Working Space, Add	*7.26*	
22 11 16 00-0454	EA	3/8" Diameter, 90 Degree Copper Elbow	32.07	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Street Fitting, Add	*1.21*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0455	EA	1/2" Diameter, 90 Degree Copper Elbow	40.91	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Street Fitting, Add	*0.39*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0456	EA	3/4" Diameter, 90 Degree Copper Elbow	51.82	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*7.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Street Fitting, Add	*0.88*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0457	EA	1" Diameter, 90 Degree Copper Elbow	64.68	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*9.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Street Fitting, Add	*2.16*	
		For Work In Restricted Working Space, Add	*17.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0458	EA	1-1/4" Diameter, 90 Degree Copper Elbow	72.20	42.84
		For Silver Solder Instead Of 95/5 Solder, Add	*10.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.62*	
		For Street Fitting, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.24*	
22 11 16 00-0459	EA	1-1/2" Diameter, 90 Degree Copper Elbow	82.79	46.83
		For Silver Solder Instead Of 95/5 Solder, Add	*11.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.53*	
		For Street Fitting, Add	*5.04*	
		For Work In Restricted Working Space, Add	*21.06*	
22 11 16 00-0460	EA	2" Diameter, 90 Degree Copper Elbow	101.63	52.52
		For Silver Solder Instead Of 95/5 Solder, Add	*12.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.80*	
		For Street Fitting, Add	*9.19*	
		For Work In Restricted Working Space, Add	*23.60*	
22 11 16 00-0461	EA	2-1/2" Diameter, 90 Degree Copper Elbow	134.11	53.50
		For Silver Solder Instead Of 95/5 Solder, Add	*14.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.04*	
		For Work In Restricted Working Space, Add	*24.07*	
22 11 16 00-0462	EA	3" Diameter, 90 Degree Copper Elbow	171.82	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*18.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	
22 11 16 00-0463	EA	4" Diameter, 90 Degree Copper Elbow	320.30	90.72
		For Silver Solder Instead Of 95/5 Solder, Add	*29.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.40*	
		For Work In Restricted Working Space, Add	*40.79*	
22 11 16 00-0464	EA	5" Diameter, 90 Degree Copper Elbow	958.32	124.16
		For Silver Solder Instead Of 95/5 Solder, Add	*66.53*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-57.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.92*	
		For Work In Restricted Working Space, Add	*55.84*	
22 11 16 00-0465	EA	6" Diameter, 90 Degree Copper Elbow	1,300.22	180.67
		For Silver Solder Instead Of 95/5 Solder, Add	*92.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-78.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.62*	
		For Work In Restricted Working Space, Add	*81.25*	
22 11 16 00-0466	EA	8" Diameter, 90 Degree Copper Elbow	4,169.34	240.85
		For Silver Solder Instead Of 95/5 Solder, Add	*244.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-226.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*54.17*	
		For Work In Restricted Working Space, Add	*108.33*	
22 11 16 00-0467		90 Degree Brass Elbows *(22 11 16 00-0451)*		
22 11 16 00-0468	EA	1/2" Diameter, Drop Ear 90 Degree Brass Elbow	46.08	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0469	EA	3/4" Diameter, Drop Ear 90 Degree Brass Elbow	67.56	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*8.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0470	EA	1/2" Diameter, Flanged Sink 90 Degree Brass Elbow	51.15	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0471	EA	3/8" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	38.25	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0472	EA	1/2" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	46.52	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0473	EA	3/4" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	61.22	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*8.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0474	EA	1" Diameter, Drop Ear 90 Degree Brass Elbow, Solder X Threaded	96.31	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-0475 Reducing 90 Degree Copper Elbows *(22 11 16 00-0451)*

22 11 16 00-0476	EA	1/2" Diameter, Reducing 90 Degree Copper Elbow	47.88	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0477	EA	3/4" Diameter, Reducing 90 Degree Copper Elbow	55.26	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*7.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0478	EA	1" Diameter, Reducing 90 Degree Copper Elbow	69.63	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*9.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0479	EA	1-1/4" Diameter, Reducing 90 Degree Copper Elbow	90.49	42.84
		For Silver Solder Instead Of 95/5 Solder, Add	*10.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.62*	
		For Work In Restricted Working Space, Add	*19.24*	
22 11 16 00-0480	EA	1-1/2" Diameter, Reducing 90 Degree Copper Elbow	104.82	46.83
		For Silver Solder Instead Of 95/5 Solder, Add	*12.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.53*	
		For Work In Restricted Working Space, Add	*21.06*	
22 11 16 00-0481	EA	2" Diameter, Reducing 90 Degree Copper Elbow	125.25	52.52
		For Silver Solder Instead Of 95/5 Solder, Add	*14.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.80*	
		For Work In Restricted Working Space, Add	*23.60*	

22 11 16 00-0482 45 Degree Copper Elbows *(22 11 16 00-0451)*

22 11 16 00-0483	EA	1/4" Diameter, 45 Degree Copper Elbow	29.54	16.14
		For Silver Solder Instead Of 95/5 Solder, Add	*3.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.63*	
		For Street Fitting, Add	*2.14*	
		For Work In Restricted Working Space, Add	*7.26*	
22 11 16 00-0484	EA	3/8" Diameter, 45 Degree Copper Elbow	33.62	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Street Fitting, Add	*1.83*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0485	EA	1/2" Diameter, 45 Degree Copper Elbow	41.73	26.62
		For Silver Solder Instead Of 95/5 Solder, Add	*6.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.99*	
		For Street Fitting, Add	*0.72*	
		For Work In Restricted Working Space, Add	*11.98*	
22 11 16 00-0486	EA	3/4" Diameter, 45 Degree Copper Elbow	52.70	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*7.60*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Street Fitting, Add	*1.23*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0487	EA	1" Diameter, 45 Degree Copper Elbow	66.97	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*9.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Street Fitting, Add	*3.07*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0488	EA	1-1/4" Diameter, 45 Degree Copper Elbow	74.54	42.84
		For Silver Solder Instead Of 95/5 Solder, Add	*10.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.62*	
		For Street Fitting, Add	*4.16*	
		For Work In Restricted Working Space, Add	*19.24*	
22 11 16 00-0489	EA	1-1/2" Diameter, 45 Degree Copper Elbow	82.96	46.83
		For Silver Solder Instead Of 95/5 Solder, Add	*11.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.53*	
		For Street Fitting, Add	*5.11*	
		For Work In Restricted Working Space, Add	*21.06*	
22 11 16 00-0490	EA	2" Diameter, 45 Degree Copper Elbow	99.94	52.52
		For Silver Solder Instead Of 95/5 Solder, Add	*12.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.80*	
		For Work In Restricted Working Space, Add	*23.60*	
22 11 16 00-0491	EA	2-1/2" Diameter, 45 Degree Copper Elbow	133.46	53.50
		For Silver Solder Instead Of 95/5 Solder, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.04*	
		For Work In Restricted Working Space, Add	*24.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0492	EA	3" Diameter, 45 Degree Copper Elbow	174.81	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*18.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	
22 11 16 00-0493	EA	4" Diameter, 45 Degree Copper Elbow	304.36	90.72
		For Silver Solder Instead Of 95/5 Solder, Add	*28.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.40*	
		For Work In Restricted Working Space, Add	*40.79*	
22 11 16 00-0494	EA	5" Diameter, 45 Degree Copper Elbow	838.22	124.16
		For Silver Solder Instead Of 95/5 Solder, Add	*60.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-51.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.92*	
		For Work In Restricted Working Space, Add	*55.84*	
22 11 16 00-0495	EA	6" Diameter, 45 Degree Copper Elbow	1,298.47	180.67
		For Silver Solder Instead Of 95/5 Solder, Add	*92.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-78.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.62*	
		For Work In Restricted Working Space, Add	*81.25*	
22 11 16 00-0496	EA	8" Diameter, 45 Degree Copper Elbow	3,852.97	240.85
		For Silver Solder Instead Of 95/5 Solder, Add	*228.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-210.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*54.17*	
		For Work In Restricted Working Space, Add	*108.33*	

22 11 16 00-0497 Straight Copper And Brass Tees *(22 11 16 00-0451)*

22 11 16 00-0498	EA	1/4" Diameter, Straight Copper Tee	42.30	24.20
		For Silver Solder Instead Of 95/5 Solder, Add	*5.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.45*	
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0499	EA	3/8" Diameter, Straight Copper Tee	48.39	29.05
		For Silver Solder Instead Of 95/5 Solder, Add	*6.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.54*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0500	EA	1/2" Diameter, Straight Copper Tee	62.19	40.42
		For Silver Solder Instead Of 95/5 Solder, Add	*9.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.08*	
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0501	EA	3/4" Diameter, Straight Copper Tee	79.06	50.10
		For Silver Solder Instead Of 95/5 Solder, Add	*11.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.25*	
		For Work In Restricted Working Space, Add	*22.51*	
22 11 16 00-0502	EA	1" Diameter, Straight Copper Tee	101.66	59.78
		For Silver Solder Instead Of 95/5 Solder, Add	*14.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.43*	
		For Work In Restricted Working Space, Add	*26.87*	
22 11 16 00-0503	EA	1-1/4" Diameter, Straight Copper Tee	113.69	64.61
		For Silver Solder Instead Of 95/5 Solder, Add	*15.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.52*	
		For Work In Restricted Working Space, Add	*29.04*	
22 11 16 00-0504	EA	1-1/2" Diameter, Straight Copper Tee	130.80	70.19
		For Silver Solder Instead Of 95/5 Solder, Add	*17.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.79*	
		For Work In Restricted Working Space, Add	*31.58*	
22 11 16 00-0505	EA	2" Diameter, Straight Copper Tee	159.18	79.14
		For Silver Solder Instead Of 95/5 Solder, Add	*19.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.79*	
		For Work In Restricted Working Space, Add	*35.58*	
22 11 16 00-0506	EA	2-1/2" Diameter, Straight Copper Tee	216.39	80.24
		For Silver Solder Instead Of 95/5 Solder, Add	*22.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.06*	
		For Work In Restricted Working Space, Add	*36.11*	
22 11 16 00-0507	EA	3" Diameter, Straight Copper Tee	291.59	96.64
		For Silver Solder Instead Of 95/5 Solder, Add	*29.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.73*	
		For Work In Restricted Working Space, Add	*43.47*	
22 11 16 00-0508	EA	4" Diameter, Straight Copper Tee	557.89	135.30
		For Silver Solder Instead Of 95/5 Solder, Add	*48.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.43*	
		For Work In Restricted Working Space, Add	*60.86*	
22 11 16 00-0509	EA	5" Diameter, Straight Copper Tee	1,438.16	185.12
		For Silver Solder Instead Of 95/5 Solder, Add	*99.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-85.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*41.63*	
		For Work In Restricted Working Space, Add	*83.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0510	EA	6" Diameter, Straight Copper Tee	1,993.38	271.39
		For Silver Solder Instead Of 95/5 Solder, Add	*140.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-120.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*61.02*	
		For Work In Restricted Working Space, Add	*122.04*	
22 11 16 00-0511	EA	8" Diameter, Straight Copper Tee	6,661.79	361.34
		For Silver Solder Instead Of 95/5 Solder, Add	*387.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-360.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*81.25*	
		For Work In Restricted Working Space, Add	*162.50*	
22 11 16 00-0512	EA	1/2" Diameter, Cast Bronze Drop Ear Tee	70.87	40.42
		For Silver Solder Instead Of 95/5 Solder, Add	*9.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.08*	
		For Work In Restricted Working Space, Add	*18.15*	

22 11 16 00-0513 Reducing Copper Tees *(22 11 16 00-0451)*

22 11 16 00-0514	EA	3/8" Diameter, Reducing Copper Tee	48.25	25.77
		For Silver Solder Instead Of 95/5 Solder, Add	*6.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.81*	
		For Work In Restricted Working Space, Add	*11.62*	
22 11 16 00-0515	EA	1/2" Diameter, Reducing Copper Tee	62.83	36.31
		For Silver Solder Instead Of 95/5 Solder, Add	*8.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.17*	
		For Work In Restricted Working Space, Add	*16.34*	
22 11 16 00-0516	EA	3/4" Diameter, Reducing Copper Tee	74.46	46.83
		For Silver Solder Instead Of 95/5 Solder, Add	*10.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.53*	
		For Work In Restricted Working Space, Add	*21.06*	
22 11 16 00-0517	EA	1" Diameter, Reducing Copper Tee	98.29	56.51
		For Silver Solder Instead Of 95/5 Solder, Add	*13.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.71*	
		For Work In Restricted Working Space, Add	*25.41*	
22 11 16 00-0518	EA	1-1/4" Diameter, Reducing Copper Tee	112.57	61.35
		For Silver Solder Instead Of 95/5 Solder, Add	*14.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.79*	
		For Work In Restricted Working Space, Add	*27.59*	
22 11 16 00-0519	EA	1-1/2" Diameter, Reducing Copper Tee	129.57	67.04
		For Silver Solder Instead Of 95/5 Solder, Add	*16.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.07*	
		For Work In Restricted Working Space, Add	*30.13*	
22 11 16 00-0520	EA	2" Diameter, Reducing Copper Tee	154.65	75.03
		For Silver Solder Instead Of 95/5 Solder, Add	*18.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.88*	
		For Work In Restricted Working Space, Add	*33.76*	
22 11 16 00-0521	EA	2-1/2" Diameter, Reducing Copper Tee	221.11	77.35
		For Silver Solder Instead Of 95/5 Solder, Add	*22.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.39*	
		For Work In Restricted Working Space, Add	*34.78*	
22 11 16 00-0522	EA	3" Diameter, Reducing Copper Tee	306.48	89.17
		For Silver Solder Instead Of 95/5 Solder, Add	*28.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.06*	
		For Work In Restricted Working Space, Add	*40.12*	
22 11 16 00-0523	EA	4" Diameter, Reducing Copper Tee	528.59	110.01
		For Silver Solder Instead Of 95/5 Solder, Add	*42.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.74*	
		For Work In Restricted Working Space, Add	*49.49*	

22 11 16 00-0524 Copper Couplings *(22 11 16 00-0451)*

22 11 16 00-0525	EA	1/4" Diameter, Copper Coupling	20.66	13.43
		For Silver Solder Instead Of 95/5 Solder, Add	*3.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.01*	
		For Work In Restricted Working Space, Add	*6.03*	
22 11 16 00-0526	EA	3/8" Diameter, Copper Coupling	24.87	16.10
		For Silver Solder Instead Of 95/5 Solder, Add	*3.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.62*	
		For Work In Restricted Working Space, Add	*7.23*	
22 11 16 00-0527	EA	1/2" Diameter, Copper Coupling	33.78	22.03
		For Silver Solder Instead Of 95/5 Solder, Add	*5.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.97*	
		For Work In Restricted Working Space, Add	*9.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0528	EA	3/4" Diameter, Copper Coupling	42.46	27.47
		For Silver Solder Instead Of 95/5 Solder, Add	*6.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0529	EA	1" Diameter, Copper Coupling	51.74	32.79
		For Silver Solder Instead Of 95/5 Solder, Add	*7.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.38*	
		For Work In Restricted Working Space, Add	*14.76*	
22 11 16 00-0530	EA	1-1/4" Diameter, Copper Coupling	57.69	35.46
		For Silver Solder Instead Of 95/5 Solder, Add	*8.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.98*	
		For Work In Restricted Working Space, Add	*15.97*	
22 11 16 00-0531	EA	1-1/2" Diameter, Copper Coupling	64.16	38.84
		For Silver Solder Instead Of 95/5 Solder, Add	*9.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.74*	
		For Work In Restricted Working Space, Add	*17.48*	
22 11 16 00-0532	EA	2" Diameter, Copper Coupling	75.11	43.45
		For Silver Solder Instead Of 95/5 Solder, Add	*10.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.79*	
		For Work In Restricted Working Space, Add	*19.58*	
22 11 16 00-0533	EA	2-1/2" Diameter, Copper Coupling	90.13	43.91
		For Silver Solder Instead Of 95/5 Solder, Add	*11.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.90*	
		For Work In Restricted Working Space, Add	*19.79*	
22 11 16 00-0534	EA	3" Diameter, Copper Coupling	114.51	54.39
		For Silver Solder Instead Of 95/5 Solder, Add	*13.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.25*	
		For Work In Restricted Working Space, Add	*24.49*	
22 11 16 00-0535	EA	4" Diameter, Copper Coupling	188.11	77.02
		For Silver Solder Instead Of 95/5 Solder, Add	*20.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.35*	
		For Work In Restricted Working Space, Add	*34.71*	
22 11 16 00-0536	EA	5" Diameter, Copper Coupling	318.45	111.56
		For Silver Solder Instead Of 95/5 Solder, Add	*32.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-24.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.13*	
		For Work In Restricted Working Space, Add	*50.26*	
22 11 16 00-0537	EA	6" Diameter, Copper Coupling	493.17	162.39
		For Silver Solder Instead Of 95/5 Solder, Add	*49.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.56*	
		For Work In Restricted Working Space, Add	*73.13*	
22 11 16 00-0538	EA	8" Diameter, Copper Coupling	1,133.52	216.44
		For Silver Solder Instead Of 95/5 Solder, Add	*89.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-72.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*48.75*	
		For Work In Restricted Working Space, Add	*97.50*	

22 11 16 00-0539 Reducing Copper Couplings *(22 11 16 00-0451)*

22 11 16 00-0540	EA	3/8" Diameter, Reducing Copper Coupling	23.35	14.76
		For Silver Solder Instead Of 95/5 Solder, Add	*3.38*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.32*	
		For Work In Restricted Working Space, Add	*6.63*	
22 11 16 00-0541	EA	1/2" Diameter, Reducing Copper Coupling	29.94	19.12
		For Silver Solder Instead Of 95/5 Solder, Add	*4.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.29*	
		For Work In Restricted Working Space, Add	*8.59*	
22 11 16 00-0542	EA	3/4" Diameter, Reducing Copper Coupling	39.42	24.80
		For Silver Solder Instead Of 95/5 Solder, Add	*5.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.57*	
		For Work In Restricted Working Space, Add	*11.15*	
22 11 16 00-0543	EA	1" Diameter, Reducing Copper Coupling	49.27	30.14
		For Silver Solder Instead Of 95/5 Solder, Add	*6.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.56*	
22 11 16 00-0544	EA	1-1/4" Diameter, Reducing Copper Coupling	56.91	34.13
		For Silver Solder Instead Of 95/5 Solder, Add	*7.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.68*	
		For Work In Restricted Working Space, Add	*15.37*	
22 11 16 00-0545	EA	1-1/2" Diameter, Reducing Copper Coupling	65.17	37.15
		For Silver Solder Instead Of 95/5 Solder, Add	*8.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.36*	
		For Work In Restricted Working Space, Add	*16.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0546	EA	2" Diameter, Reducing Copper Coupling	76.34	41.14
		For Silver Solder Instead Of 95/5 Solder, Add	*10.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.27*	
		For Work In Restricted Working Space, Add	*18.53*	
22 11 16 00-0547	EA	2-1/2" Diameter, Reducing Copper Coupling	98.90	42.02
		For Silver Solder Instead Of 95/5 Solder, Add	*11.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.46*	
		For Work In Restricted Working Space, Add	*18.92*	
22 11 16 00-0548	EA	3" Diameter, Reducing Copper Coupling	118.12	49.16
		For Silver Solder Instead Of 95/5 Solder, Add	*13.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.07*	
		For Work In Restricted Working Space, Add	*22.15*	
22 11 16 00-0549	EA	4" Diameter, Reducing Copper Coupling	186.62	65.76
		For Silver Solder Instead Of 95/5 Solder, Add	*19.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.80*	
		For Work In Restricted Working Space, Add	*29.60*	
22 11 16 00-0550	EA	5" Diameter, Reducing Copper Coupling	482.06	92.06
		For Silver Solder Instead Of 95/5 Solder, Add	*37.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-31.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.72*	
		For Work In Restricted Working Space, Add	*41.45*	
22 11 16 00-0551	EA	6" Diameter, Reducing Copper Coupling	708.83	117.36
		For Silver Solder Instead Of 95/5 Solder, Add	*53.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-44.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.44*	
		For Work In Restricted Working Space, Add	*52.88*	
22 11 16 00-0552	EA	8" Diameter, Reducing Copper Coupling	1,413.20	189.25
		For Silver Solder Instead Of 95/5 Solder, Add	*99.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-84.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*42.63*	
		For Work In Restricted Working Space, Add	*85.26*	
22 11 16 00-0553		**Male Copper Adapters** *(22 11 16 00-0451)*		
22 11 16 00-0554	EA	1/4" Diameter, Male Copper Adapter	34.30	15.73
		For Silver Solder Instead Of 95/5 Solder, Add	*4.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.63*	
		For Work In Restricted Working Space, Add	*7.26*	
22 11 16 00-0555	EA	3/8" Diameter, Male Copper Adapter	34.09	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0556	EA	1/2" Diameter, Male Copper Adapter	38.35	24.20
		For Silver Solder Instead Of 95/5 Solder, Add	*5.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.45*	
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0557	EA	3/4" Diameter, Male Copper Adapter	48.23	30.26
		For Silver Solder Instead Of 95/5 Solder, Add	*6.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.72*	
		For Work In Restricted Working Space, Add	*13.43*	
22 11 16 00-0558	EA	1" Diameter, Male Copper Adapter	60.82	35.09
		For Silver Solder Instead Of 95/5 Solder, Add	*8.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.80*	
		For Work In Restricted Working Space, Add	*15.61*	
22 11 16 00-0559	EA	1-1/4" Diameter, Male Copper Adapter	73.29	39.93
		For Silver Solder Instead Of 95/5 Solder, Add	*9.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.08*	
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0560	EA	1-1/2" Diameter, Male Copper Adapter	83.95	45.98
		For Silver Solder Instead Of 95/5 Solder, Add	*11.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.35*	
		For Work In Restricted Working Space, Add	*20.69*	
22 11 16 00-0561	EA	2" Diameter, Male Copper Adapter	113.68	58.69
		For Silver Solder Instead Of 95/5 Solder, Add	*14.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.25*	
		For Work In Restricted Working Space, Add	*26.50*	
22 11 16 00-0562	EA	2-1/2" Diameter, Male Copper Adapter	210.13	76.24
		For Silver Solder Instead Of 95/5 Solder, Add	*21.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.06*	
		For Work In Restricted Working Space, Add	*34.13*	
22 11 16 00-0563	EA	3" Diameter, Male Copper Adapter	279.17	101.70
		For Silver Solder Instead Of 95/5 Solder, Add	*29.12*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.74*	
		For Work In Restricted Working Space, Add	*45.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0564	EA	4" Diameter, Male Copper Adapter	418.05	142.66
		For Silver Solder Instead Of 95/5 Solder, Add	*42.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-31.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*32.10*	
		For Work In Restricted Working Space, Add	*64.20*	
22 11 16 00-0565		**Female Copper Adapters** *(22 11 16 00-0451)*		
22 11 16 00-0566	EA	1/4" Diameter, Female Copper Adapter	30.65	15.73
		For Silver Solder Instead Of 95/5 Solder, Add	*3.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.63*	
		For Work In Restricted Working Space, Add	*7.26*	
22 11 16 00-0567	EA	3/8" Diameter, Female Copper Adapter	35.80	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0568	EA	1/2" Diameter, Female Copper Adapter	39.58	24.20
		For Silver Solder Instead Of 95/5 Solder, Add	*5.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.45*	
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0569	EA	3/4" Diameter, Female Copper Adapter	49.23	30.26
		For Silver Solder Instead Of 95/5 Solder, Add	*6.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.72*	
		For Work In Restricted Working Space, Add	*13.43*	
22 11 16 00-0570	EA	1" Diameter, Female Copper Adapter	62.24	35.09
		For Silver Solder Instead Of 95/5 Solder, Add	*8.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.80*	
		For Work In Restricted Working Space, Add	*15.61*	
22 11 16 00-0571	EA	1-1/4" Diameter, Female Copper Adapter	75.47	39.93
		For Silver Solder Instead Of 95/5 Solder, Add	*9.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.08*	
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0572	EA	1-1/2" Diameter, Female Copper Adapter	92.42	45.98
		For Silver Solder Instead Of 95/5 Solder, Add	*11.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.35*	
		For Work In Restricted Working Space, Add	*20.69*	
22 11 16 00-0573	EA	2" Diameter, Female Copper Adapter	120.14	58.69
		For Silver Solder Instead Of 95/5 Solder, Add	*14.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.25*	
		For Work In Restricted Working Space, Add	*26.50*	
22 11 16 00-0574	EA	2-1/2" Diameter, Female Copper Adapter	240.76	70.22
		For Silver Solder Instead Of 95/5 Solder, Add	*22.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.72*	
		For Work In Restricted Working Space, Add	*31.43*	
22 11 16 00-0575	EA	3" Diameter, Female Copper Adapter	380.66	101.70
		For Silver Solder Instead Of 95/5 Solder, Add	*34.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-26.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.74*	
		For Work In Restricted Working Space, Add	*45.47*	
22 11 16 00-0576		**Wrot Copper, Solder Union** *(22 11 16 00-0451)*		
22 11 16 00-0577	EA	1/4" Diameter, Wrot Copper, Solder Union	44.14	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0578	EA	3/8" Diameter, Wrot Copper, Solder Union	50.64	23.36
		For Silver Solder Instead Of 95/5 Solder, Add	*6.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.26*	
		For Work In Restricted Working Space, Add	*10.53*	
22 11 16 00-0579	EA	1/2" Diameter, Wrot Copper, Solder Union	53.18	29.05
		For Silver Solder Instead Of 95/5 Solder, Add	*7.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.54*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0580	EA	3/4" Diameter, Wrot Copper, Solder Union	61.44	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*8.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0581	EA	1" Diameter, Wrot Copper, Solder Union	79.61	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*9.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0582	EA	1-1/4" Diameter, Wrot Copper, Solder Union	94.76	43.57
		For Silver Solder Instead Of 95/5 Solder, Add	*11.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.80*	
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-0583	EA	1-1/2" Diameter, Wrot Copper, Solder Union	114.08	48.41
		For Silver Solder Instead Of 95/5 Solder, Add	*12.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.89*	
		For Work In Restricted Working Space, Add	*21.78*	
22 11 16 00-0584	EA	2" Diameter, Wrot Copper, Solder Union	157.84	58.08
		For Silver Solder Instead Of 95/5 Solder, Add	*16.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.07*	
		For Work In Restricted Working Space, Add	*26.14*	
22 11 16 00-0585	EA	2-1/2" Diameter, Wrot Copper, Solder Union	288.67	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*24.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	
22 11 16 00-0586	EA	3" Diameter, Wrot Copper, Solder Union	634.95	90.72
		For Silver Solder Instead Of 95/5 Solder, Add	*45.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.40*	
		For Work In Restricted Working Space, Add	*40.79*	

22 11 16 00-0587 Cast Bronze, Solder Union *(22 11 16 00-0451)*

22 11 16 00-0588	EA	1/4" Diameter, Cast Bronze, Solder Union	49.71	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0589	EA	3/8" Diameter, Cast Bronze, Solder Union	55.89	23.36
		For Silver Solder Instead Of 95/5 Solder, Add	*6.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.26*	
		For Work In Restricted Working Space, Add	*10.53*	
22 11 16 00-0590	EA	1/2" Diameter, Cast Bronze, Solder Union	54.65	29.05
		For Silver Solder Instead Of 95/5 Solder, Add	*7.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.54*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0591	EA	3/4" Diameter, Cast Bronze, Solder Union	63.51	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*8.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0592	EA	1" Diameter, Cast Bronze, Solder Union	83.19	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0593	EA	1-1/4" Diameter, Cast Bronze, Solder Union	104.57	43.57
		For Silver Solder Instead Of 95/5 Solder, Add	*11.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.80*	
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-0594	EA	1-1/2" Diameter, Cast Bronze, Solder Union	124.31	48.41
		For Silver Solder Instead Of 95/5 Solder, Add	*13.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.89*	
		For Work In Restricted Working Space, Add	*21.78*	
22 11 16 00-0595	EA	2" Diameter, Cast Bronze, Solder Union	175.26	58.08
		For Silver Solder Instead Of 95/5 Solder, Add	*17.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.07*	
		For Work In Restricted Working Space, Add	*26.14*	
22 11 16 00-0596	EA	2-1/2" Diameter, Cast Bronze, Solder Union	288.66	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*24.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	
22 11 16 00-0597	EA	3" Diameter, Cast Bronze, Solder Union	634.95	90.72
		For Silver Solder Instead Of 95/5 Solder, Add	*45.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.40*	
		For Work In Restricted Working Space, Add	*40.79*	

22 11 16 00-0598 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0451)*

22 11 16 00-0599	EA	1/4" Diameter, Cast Bronze, Solder X Female Threaded Union	57.23	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0600	EA	3/8" Diameter, Cast Bronze, Solder X Female Threaded Union	64.25	23.36
		For Silver Solder Instead Of 95/5 Solder, Add	*6.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.26*	
		For Work In Restricted Working Space, Add	*10.53*	
22 11 16 00-0601	EA	1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	66.73	29.05
		For Silver Solder Instead Of 95/5 Solder, Add	*7.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.54*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0602	EA	3/4" Diameter, Cast Bronze, Solder X Female Threaded Union	81.19	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*9.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0603	EA	1" Diameter, Cast Bronze, Solder X Female Threaded Union	124.95	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*12.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0604	EA	1-1/4" Diameter, Cast Bronze, Solder X Female Threaded Union	187.70	43.57
		For Silver Solder Instead Of 95/5 Solder, Add	*15.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.80*	
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-0605	EA	1-1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	227.62	48.41
		For Silver Solder Instead Of 95/5 Solder, Add	*18.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.89*	
		For Work In Restricted Working Space, Add	*21.78*	
22 11 16 00-0606	EA	2" Diameter, Cast Bronze, Solder X Female Threaded Union	349.53	58.08
		For Silver Solder Instead Of 95/5 Solder, Add	*26.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.07*	
		For Work In Restricted Working Space, Add	*26.14*	
22 11 16 00-0607	EA	2-1/2" Diameter, Cast Bronze, Solder X Female Threaded Union	593.27	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*39.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	

22 11 16 00-0608 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0451)*

22 11 16 00-0609	EA	1/4" Diameter, Cast Bronze, Solder X Male Threaded Union	50.51	19.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.98*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.36*	
		For Work In Restricted Working Space, Add	*8.72*	
22 11 16 00-0610	EA	3/8" Diameter, Cast Bronze, Solder X Male Threaded Union	60.14	23.36
		For Silver Solder Instead Of 95/5 Solder, Add	*6.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.26*	
		For Work In Restricted Working Space, Add	*10.53*	
22 11 16 00-0611	EA	1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	61.85	29.05
		For Silver Solder Instead Of 95/5 Solder, Add	*7.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.54*	
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0612	EA	3/4" Diameter, Cast Bronze, Solder X Male Threaded Union	77.05	33.16
		For Silver Solder Instead Of 95/5 Solder, Add	*8.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
22 11 16 00-0613	EA	1" Diameter, Cast Bronze, Solder X Male Threaded Union	126.84	39.57
		For Silver Solder Instead Of 95/5 Solder, Add	*12.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.89*	
		For Work In Restricted Working Space, Add	*17.79*	
22 11 16 00-0614	EA	1-1/4" Diameter, Cast Bronze, Solder X Male Threaded Union	149.13	43.57
		For Silver Solder Instead Of 95/5 Solder, Add	*13.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.80*	
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-0615	EA	1-1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	160.61	48.41
		For Silver Solder Instead Of 95/5 Solder, Add	*15.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.89*	
		For Work In Restricted Working Space, Add	*21.78*	
22 11 16 00-0616	EA	2" Diameter, Cast Bronze, Solder X Male Threaded Union	222.32	58.08
		For Silver Solder Instead Of 95/5 Solder, Add	*19.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.07*	
		For Work In Restricted Working Space, Add	*26.14*	
22 11 16 00-0617	EA	2-1/2" Diameter, Cast Bronze, Solder X Male Threaded Union	492.03	63.97
		For Silver Solder Instead Of 95/5 Solder, Add	*34.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.38*	
		For Work In Restricted Working Space, Add	*28.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-0618 Copper Caps *(22 11 16 00-0451)*

22 11 16 00-0619	EA	1/4" Diameter, Copper Cap	8.86	5.32
		For Silver Solder Instead Of 95/5 Solder, Add	*1.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.20*	
		For Work In Restricted Working Space, Add	*2.40*	
22 11 16 00-0620	EA	3/8" Diameter, Copper Cap	10.97	6.29
		For Silver Solder Instead Of 95/5 Solder, Add	*1.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.44*	
		For Work In Restricted Working Space, Add	*2.87*	
22 11 16 00-0621	EA	1/2" Diameter, Copper Cap	13.89	8.72
		For Silver Solder Instead Of 95/5 Solder, Add	*2.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.98*	
		For Work In Restricted Working Space, Add	*3.95*	
22 11 16 00-0622	EA	3/4" Diameter, Copper Cap	17.70	10.77
		For Silver Solder Instead Of 95/5 Solder, Add	*2.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.46*	
		For Work In Restricted Working Space, Add	*4.91*	
22 11 16 00-0623	EA	1" Diameter, Copper Cap	22.70	12.95
		For Silver Solder Instead Of 95/5 Solder, Add	*3.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.94*	
		For Work In Restricted Working Space, Add	*5.87*	
22 11 16 00-0624	EA	1-1/4" Diameter, Copper Cap	25.36	13.92
		For Silver Solder Instead Of 95/5 Solder, Add	*3.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.18*	
		For Work In Restricted Working Space, Add	*6.35*	
22 11 16 00-0625	EA	1-1/2" Diameter, Copper Cap	29.26	15.25
		For Silver Solder Instead Of 95/5 Solder, Add	*3.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.47*	
		For Work In Restricted Working Space, Add	*6.95*	
22 11 16 00-0626	EA	2" Diameter, Copper Cap	35.18	15.83
		For Silver Solder Instead Of 95/5 Solder, Add	*4.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.59*	
		For Work In Restricted Working Space, Add	*7.17*	
22 11 16 00-0627	EA	2-1/2" Diameter, Copper Cap	68.45	18.50
		For Silver Solder Instead Of 95/5 Solder, Add	*6.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.21*	
		For Work In Restricted Working Space, Add	*8.43*	
22 11 16 00-0628	EA	3" Diameter, Copper Cap	93.76	23.74
		For Silver Solder Instead Of 95/5 Solder, Add	*8.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.39*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0629	EA	4" Diameter, Copper Cap	163.49	35.89
		For Silver Solder Instead Of 95/5 Solder, Add	*13.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.16*	
		For Work In Restricted Working Space, Add	*16.32*	
22 11 16 00-0630	EA	5" Diameter, Cast Bronze Cap	850.68	55.28
		For Silver Solder Instead Of 95/5 Solder, Add	*50.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-46.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.56*	
		For Work In Restricted Working Space, Add	*25.13*	
22 11 16 00-0631	EA	6" Diameter, Cast Bronze Cap	1,649.86	80.47
		For Silver Solder Instead Of 95/5 Solder, Add	*94.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-88.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.28*	
		For Work In Restricted Working Space, Add	*36.56*	
22 11 16 00-0632	EA	8" Diameter, Cast Bronze Cap	2,101.74	107.22
		For Silver Solder Instead Of 95/5 Solder, Add	*121.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-113.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.38*	
		For Work In Restricted Working Space, Add	*48.75*	

22 11 16 00-0633 Copper Crosses *(22 11 16 00-0451)*

22 11 16 00-0634	EA	1/2" Diameter, Copper Cross	84.79	49.04
		For Silver Solder Instead Of 95/5 Solder, Add	*11.60*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.03*	
		For Work In Restricted Working Space, Add	*22.07*	
22 11 16 00-0635	EA	3/4" Diameter, Copper Cross	113.22	60.97
		For Silver Solder Instead Of 95/5 Solder, Add	*14.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.71*	
		For Work In Restricted Working Space, Add	*27.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0636	EA	1" Diameter, Copper Cross	146.31	72.78
		For Silver Solder Instead Of 95/5 Solder, Add	*18.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.38*	
		For Work In Restricted Working Space, Add	*32.77*	
22 11 16 00-0637	EA	1-1/4" Diameter, Copper Cross	171.43	78.80
		For Silver Solder Instead Of 95/5 Solder, Add	*20.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.72*	
		For Work In Restricted Working Space, Add	*35.44*	
22 11 16 00-0638	EA	1-1/2" Diameter, Copper Cross	205.24	86.15
		For Silver Solder Instead Of 95/5 Solder, Add	*23.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.79*	
22 11 16 00-0639	EA	2" Diameter, Copper Cross	288.38	96.64
		For Silver Solder Instead Of 95/5 Solder, Add	*28.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.73*	
		For Work In Restricted Working Space, Add	*43.47*	
22 11 16 00-0640	EA	2-1/2" Diameter, Copper Cross	491.25	106.99
		For Silver Solder Instead Of 95/5 Solder, Add	*40.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-32.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.08*	
		For Work In Restricted Working Space, Add	*48.15*	

22 11 16 00-0641 Cast Bronze Crosses *(22 11 16 00-0451)*

22 11 16 00-0642	EA	3/8" Diameter, Cast Bronze Cross	68.47	35.66
		For Silver Solder Instead Of 95/5 Solder, Add	*8.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.03*	
		For Work In Restricted Working Space, Add	*16.05*	
22 11 16 00-0643	EA	1/2" Diameter, Cast Bronze Cross	87.03	49.04
		For Silver Solder Instead Of 95/5 Solder, Add	*11.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.03*	
		For Work In Restricted Working Space, Add	*22.07*	
22 11 16 00-0644	EA	3/4" Diameter, Cast Bronze Cross	117.58	60.97
		For Silver Solder Instead Of 95/5 Solder, Add	*15.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.71*	
		For Work In Restricted Working Space, Add	*27.42*	
22 11 16 00-0645	EA	1" Diameter, Cast Bronze Cross	153.71	72.78
		For Silver Solder Instead Of 95/5 Solder, Add	*18.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.38*	
		For Work In Restricted Working Space, Add	*32.77*	
22 11 16 00-0646	EA	1-1/4" Diameter, Cast Bronze Cross	182.08	78.80
		For Silver Solder Instead Of 95/5 Solder, Add	*20.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.72*	
		For Work In Restricted Working Space, Add	*35.44*	
22 11 16 00-0647	EA	1-1/2" Diameter, Cast Bronze Cross	220.43	86.15
		For Silver Solder Instead Of 95/5 Solder, Add	*23.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.79*	
22 11 16 00-0648	EA	2" Diameter, Cast Bronze Cross	350.76	96.64
		For Silver Solder Instead Of 95/5 Solder, Add	*32.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-24.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.73*	
		For Work In Restricted Working Space, Add	*43.47*	
22 11 16 00-0649	EA	2-1/2" Diameter, Cast Bronze Cross	557.40	106.99
		For Silver Solder Instead Of 95/5 Solder, Add	*43.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.08*	
		For Work In Restricted Working Space, Add	*48.15*	

22 11 16 00-0650 Flexible Corrugated Copper Supply Line *(22 11 16 00-0451)*

22 11 16 00-0651	EA	3/4" Diameter Threaded x 3/4" Diameter Solder x 18" Long, Flexible Corrugated Copper Supply Line	85.40	33.16
22 11 16 00-0652	EA	3/4" Diameter Threaded x 3/4" Diameter Solder x 24" Long, Flexible Corrugated Copper Supply Line	89.71	33.16
22 11 16 00-0653	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 12" Long, Flexible Corrugated Copper Supply Line	77.66	33.16
22 11 16 00-0654	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 15" Long, Flexible Corrugated Copper Supply Line	82.53	33.16
22 11 16 00-0655	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 18" Long, Flexible Corrugated Copper Supply Line	86.84	33.16
22 11 16 00-0656	EA	3/4" Diameter Threaded x 3/4" Diameter Threaded x 24" Long, Flexible Corrugated Copper Supply Line	89.71	33.16

22 11 16 00-0657 Crimped Copper Fittings *(22 11 16 00-0383)*

Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0658 Crimped Copper 90 Degree Elbows *(22 11 16 00-0657)*

22 11 16 00-0659	EA	1/2" Diameter, Crimped Copper 90 Degree Elbow	24.79	14.52
		For Work In Restricted Working Space, Add	*6.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0660	EA	3/4" Diameter, Crimped Copper 90 Degree Elbow	29.91	16.58
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0661	EA	1" Diameter, Crimped Copper 90 Degree Elbow	39.89	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0662	EA	1-1/4" Diameter, Crimped Copper 90 Degree Elbow	53.34	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0663	EA	1-1/2" Diameter, Crimped Copper 90 Degree Elbow	75.44	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0664	EA	2" Diameter, Crimped Copper 90 Degree Elbow	97.96	29.05
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0665	EA	2-1/2" Diameter, Crimped Copper 90 Degree Elbow	208.81	33.88
		For Work In Restricted Working Space, Add	*15.25*	
22 11 16 00-0666	EA	3" Diameter, Crimped Copper 90 Degree Elbow	259.25	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0667	EA	4" Diameter, Crimped Copper 90 Degree Elbow	325.76	53.24
		For Work In Restricted Working Space, Add	*23.96*	

22 11 16 00-0668 Crimped Copper 45 Degree Elbows *(22 11 16 00-0657)*

22 11 16 00-0669	EA	1/2" Crimped Copper 45 Degree Elbow	25.29	14.52
		For Work In Restricted Working Space, Add	*6.53*	
22 11 16 00-0670	EA	3/4" Crimped Copper 45 Degree Elbow	29.11	16.58
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0671	EA	1" Crimped Copper 45 Degree Elbow	43.50	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0672	EA	1-1/4" Crimped Copper 45 Degree Elbow	52.54	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0673	EA	1-1/2" Crimped Copper 45 Degree Elbow	68.52	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0674	EA	2" Crimped Copper 45 Degree Elbow	88.63	29.05
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0675	EA	2-1/2" Crimped Copper 45 Degree Elbow	155.19	33.88
		For Work In Restricted Working Space, Add	*15.25*	
22 11 16 00-0676	EA	3" Crimped Copper 45 Degree Elbow	209.59	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0677	EA	4" Crimped Copper 45 Degree Elbow	286.92	53.24
		For Work In Restricted Working Space, Add	*23.96*	

22 11 16 00-0678 Crimped Copper Straight Tees *(22 11 16 00-0657)*

22 11 16 00-0679	EA	1/2" Diameter, Crimped Copper Straight Tee	37.28	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0680	EA	3/4" Diameter, Crimped Copper Straight Tee	51.09	28.68
		For Work In Restricted Working Space, Add	*12.89*	
22 11 16 00-0681	EA	1" Diameter, Crimped Copper Straight Tee	62.45	31.82
		For Work In Restricted Working Space, Add	*14.34*	
22 11 16 00-0682	EA	1-1/4" Diameter, Crimped Copper Straight Tee	73.79	32.67
		For Work In Restricted Working Space, Add	*14.70*	
22 11 16 00-0683	EA	1-1/2" Diameter, Crimped Copper Straight Tee	103.83	37.15
		For Work In Restricted Working Space, Add	*16.70*	
22 11 16 00-0684	EA	2" Diameter, Crimped Copper Straight Tee	124.84	43.57
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-0685	EA	2-1/2" Diameter, Crimped Copper Straight Tee	271.42	50.83
		For Work In Restricted Working Space, Add	*22.87*	
22 11 16 00-0686	EA	3" Diameter, Crimped Copper Straight Tee	334.73	60.50
		For Work In Restricted Working Space, Add	*27.23*	
22 11 16 00-0687	EA	4" Diameter, Crimped Copper Straight Tee	462.13	79.86
		For Work In Restricted Working Space, Add	*35.94*	

22 11 16 00-0688 Crimped Copper Reducing Tees *(22 11 16 00-0657)*

22 11 16 00-0689	EA	3/4" Diameter, Crimped Copper Reducing Tee	43.64	20.69
		For Work In Restricted Working Space, Add	*9.33*	
22 11 16 00-0690	EA	1" Diameter, Crimped Copper Reducing Tee	63.06	27.23
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0691	EA	1-1/4" Diameter, Crimped Copper Reducing Tee	68.05	30.26
		For Work In Restricted Working Space, Add	*13.61*	
22 11 16 00-0692	EA	1-1/2" Diameter, Crimped Copper Reducing Tee	89.34	31.10
		For Work In Restricted Working Space, Add	*13.98*	
22 11 16 00-0693	EA	2" Diameter, Crimped Copper Reducing Tee	106.97	35.22
		For Work In Restricted Working Space, Add	*15.86*	
22 11 16 00-0694	EA	2-1/2" Diameter, Crimped Copper Reducing Tee	289.78	39.93
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0695	EA	3" Diameter, Crimped Copper Reducing Tee	353.28	48.41
		For Work In Restricted Working Space, Add	*21.78*	
22 11 16 00-0696	EA	4" Diameter, Crimped Copper Reducing Tee	416.15	64.49
		For Work In Restricted Working Space, Add	*29.04*	

22 11 16 00-0697 Crimped Copper Couplings *(22 11 16 00-0657)*

22 11 16 00-0698	EA	1/2" Diameter, Crimped Copper Coupling	24.49	14.52
		For Work In Restricted Working Space, Add	*6.53*	
22 11 16 00-0699	EA	3/4" Diameter, Crimped Copper Coupling	28.92	16.58
		For Work In Restricted Working Space, Add	*7.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0700	EA	1" Diameter, Crimped Copper Coupling	37.97	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0701	EA	1-1/4" Diameter, Crimped Copper Coupling	43.01	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0702	EA	1-1/2" Diameter, Crimped Copper Coupling	55.57	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0703	EA	2" Diameter, Crimped Copper Coupling	68.16	29.05
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0704	EA	2-1/2" Diameter, Crimped Copper Coupling	129.51	33.88
		For Work In Restricted Working Space, Add	*15.25*	
22 11 16 00-0705	EA	3" Diameter, Crimped Copper Coupling	160.70	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0706	EA	4" Diameter, Crimped Copper Coupling	219.00	53.24
		For Work In Restricted Working Space, Add	*23.96*	

22 11 16 00-0707 Crimped Copper Reducing Couplings *(22 11 16 00-0657)*

22 11 16 00-0708	EA	3/4" Diameter, Crimped Copper Reducing Coupling	33.04	13.80
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-0709	EA	1" Diameter, Crimped Copper Reducing Coupling	37.75	15.73
		For Work In Restricted Working Space, Add	*7.08*	
22 11 16 00-0710	EA	1-1/4" Diameter, Crimped Copper Reducing Coupling	48.78	18.75
		For Work In Restricted Working Space, Add	*8.46*	
22 11 16 00-0711	EA	1-1/2" Diameter, Crimped Copper Reducing Coupling	61.40	20.69
		For Work In Restricted Working Space, Add	*9.33*	
22 11 16 00-0712	EA	2" Diameter, Crimped Copper Reducing Coupling	68.60	23.00
		For Work In Restricted Working Space, Add	*10.35*	
22 11 16 00-0713	EA	2-1/2" Diameter, Crimped Copper FTG x C Reducing Coupling	134.09	27.47
		For Work In Restricted Working Space, Add	*12.34*	
22 11 16 00-0714	EA	3" Diameter, Crimped Copper FTG x C Reducing Coupling	166.96	32.31
		For Work In Restricted Working Space, Add	*14.52*	
22 11 16 00-0715	EA	4" Diameter, Crimped Copper FTG x C Reducing Coupling	217.09	42.72
		For Work In Restricted Working Space, Add	*19.24*	

22 11 16 00-0716 Crimped Copper Male Adapters *(22 11 16 00-0657)*

22 11 16 00-0717	EA	1/2" Diameter, Crimped Copper Male Adapter	25.10	14.52
		For Work In Restricted Working Space, Add	*6.53*	
22 11 16 00-0718	EA	3/4" Diameter, Crimped Copper Male Adapter	30.82	16.58
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0719	EA	1" Diameter, Crimped Copper Male Adapter	40.68	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0720	EA	1-1/4" Diameter, Crimped Copper Male Adapter	56.85	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0721	EA	1-1/2" Diameter, Crimped Copper Male Adapter	70.23	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0722	EA	2" Diameter, Crimped Copper Male Adapter	108.89	29.05
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0723	EA	2-1/2" Diameter, Crimped Copper Male Adapter	208.81	33.88
		For Work In Restricted Working Space, Add	*15.25*	
22 11 16 00-0724	EA	3" Diameter, Crimped Copper Male Adapter	259.25	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0725	EA	4" Diameter, Crimped Copper Male Adapter	309.92	53.24
		For Work In Restricted Working Space, Add	*23.96*	

22 11 16 00-0726 Crimped Copper Female Adapters *(22 11 16 00-0657)*

22 11 16 00-0727	EA	1/2" Diameter, Crimped Copper Female Adapter	25.79	14.52
		For Work In Restricted Working Space, Add	*6.53*	
22 11 16 00-0728	EA	3/4" Diameter, Crimped Copper Female Adapter	31.33	16.58
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0729	EA	1" Diameter, Crimped Copper Female Adapter	41.69	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0730	EA	1-1/4" Diameter, Crimped Copper Female Adapter	59.86	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0731	EA	1-1/2" Diameter, Crimped Copper Female Adapter	75.85	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0732	EA	2" Diameter, Crimped Copper Female Adapter	110.70	29.05
		For Work In Restricted Working Space, Add	*13.07*	

22 11 16 00-0733 Crimped Copper Caps *(22 11 16 00-0657)*

22 11 16 00-0734	EA	1/2" Diameter, Crimped Copper Cap	16.71	7.26
		For Work In Restricted Working Space, Add	*3.27*	
22 11 16 00-0735	EA	3/4" Diameter, Crimped Copper Cap	22.53	8.47
		For Work In Restricted Working Space, Add	*3.81*	
22 11 16 00-0736	EA	1" Diameter, Crimped Copper Cap	29.67	9.69
		For Work In Restricted Working Space, Add	*4.36*	
22 11 16 00-0737	EA	1-1/4" Diameter, Crimped Copper Cap	33.50	10.89
		For Work In Restricted Working Space, Add	*4.90*	
22 11 16 00-0738	EA	1-1/2" Diameter, Crimped Copper Cap	45.34	12.46
		For Work In Restricted Working Space, Add	*5.63*	
22 11 16 00-0739	EA	2" Diameter, Crimped Copper Cap	54.08	14.52
		For Work In Restricted Working Space, Add	*6.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0740	EA	2-1/2" Diameter, Crimped Copper Cap	128.71	16.95
		For Work In Restricted Working Space, Add	*7.62*	
22 11 16 00-0741	EA	3" Diameter, Crimped Copper Cap	160.99	20.21
		For Work In Restricted Working Space, Add	*9.08*	
22 11 16 00-0742	EA	4" Diameter, Crimped Copper Cap	214.14	26.62
		For Work In Restricted Working Space, Add	*11.98*	

22 11 16 00-0743 C x F NPT Crimped Bronze Unions *(22 11 16 00-0657)*

22 11 16 00-0744	EA	1/2" Diameter, C x F NPT Crimped Bronze Union	46.71	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0745	EA	3/4" Diameter, C x F NPT Crimped Bronze Union	58.30	24.32
		For Work In Restricted Working Space, Add	*10.93*	
22 11 16 00-0746	EA	1" Diameter, C x F NPT Crimped Bronze Union	80.02	29.17
		For Work In Restricted Working Space, Add	*13.11*	
22 11 16 00-0747	EA	1-1/4" Diameter, C x F NPT Crimped Bronze Union	96.55	33.64
		For Work In Restricted Working Space, Add	*15.18*	
22 11 16 00-0748	EA	1-1/2" Diameter, C x F NPT Crimped Bronze Union	121.62	32.91
		For Work In Restricted Working Space, Add	*14.81*	
22 11 16 00-0749	EA	2" Diameter, C x F NPT Crimped Bronze Union	167.11	47.68
		For Work In Restricted Working Space, Add	*21.42*	

22 11 16 00-0750 C x C Crimped Bronze Unions *(22 11 16 00-0657)*

22 11 16 00-0751	EA	1/2" Diameter, C x C Bronze Crimped Union	43.05	14.52
		For Work In Restricted Working Space, Add	*6.53*	
22 11 16 00-0752	EA	3/4" Diameter, C x C Bronze Crimped Union	52.69	16.58
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0753	EA	1" Diameter, C x C Bronze Crimped Union	74.20	19.72
		For Work In Restricted Working Space, Add	*8.90*	
22 11 16 00-0754	EA	1-1/4" Diameter, C x C Bronze Crimped Union	96.28	21.78
		For Work In Restricted Working Space, Add	*9.80*	
22 11 16 00-0755	EA	1-1/2" Diameter, C x C Bronze Crimped Union	122.70	24.20
		For Work In Restricted Working Space, Add	*10.89*	
22 11 16 00-0756	EA	2" Diameter, C x C Bronze Crimped Union	184.65	29.05
		For Work In Restricted Working Space, Add	*13.07*	

22 11 16 00-0757 C x Flange Crimped Bronze Flange *(22 11 16 00-0657)*

22 11 16 00-0758	EA	2-1/2" Diameter, C x Flange Crimped Bronze Flange	352.90	33.88
		For Work In Restricted Working Space, Add	*15.25*	
22 11 16 00-0759	EA	3" Diameter, C x Flange Crimped Bronze Flange	385.63	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0760	EA	4" Diameter, C x Flange Crimped Bronze Flange	443.83	53.24
		For Work In Restricted Working Space, Add	*23.96*	

22 11 16 00-0761 Field Installed FKM Seals *(22 11 16 00-0657)*

Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.

22 11 16 00-0762	EA	1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	7.14	
		For Work In Restricted Working Space, Add	*1.63*	
22 11 16 00-0763	EA	3/4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	8.96	
		For Work In Restricted Working Space, Add	*1.91*	
22 11 16 00-0764	EA	1" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	10.27	
		For Work In Restricted Working Space, Add	*2.18*	
22 11 16 00-0765	EA	1-1/4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	11.79	
		For Work In Restricted Working Space, Add	*2.45*	
22 11 16 00-0766	EA	1-1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	16.21	
		For Work In Restricted Working Space, Add	*2.81*	
22 11 16 00-0767	EA	2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	18.11	
		For Work In Restricted Working Space, Add	*3.27*	
22 11 16 00-0768	EA	2-1/2" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	26.45	
		For Work In Restricted Working Space, Add	*3.81*	
22 11 16 00-0769	EA	3" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	30.48	
		For Work In Restricted Working Space, Add	*4.54*	
22 11 16 00-0770	EA	4" Diameter, Field Installed FKM Seal Note: To be used in conjunction with fittings.	41.44	
		For Work In Restricted Working Space, Add	*5.99*	

22 11 16 00-0771 Cut And Prepare Existing In-Place Copper Pipe *(22 11 16 00-0383)*

22 11 16 00-0772	EA	Up To 1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	12.10	
22 11 16 00-0773	EA	3/4" Diameter, Cut And Prepare Existing In Place Copper Pipe	13.07	
22 11 16 00-0774	EA	1" Diameter, Cut And Prepare Existing In Place Copper Pipe	14.70	
22 11 16 00-0775	EA	1-1/4" Diameter, Cut And Prepare Existing In Place Copper Pipe	15.43	
22 11 16 00-0776	EA	1-1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	16.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0777	EA	2" Diameter, Cut And Prepare Existing In Place Copper Pipe	17.98	
22 11 16 00-0778	EA	2-1/2" Diameter, Cut And Prepare Existing In Place Copper Pipe	19.36	
22 11 16 00-0779	EA	3" Diameter, Cut And Prepare Existing In Place Copper Pipe	22.87	
22 11 16 00-0780	EA	4" Diameter, Cut And Prepare Existing In Place Copper Pipe	30.85	
22 11 16 00-0781	EA	6" Diameter, Cut And Prepare Existing In Place Copper Pipe	44.10	
22 11 16 00-0782	EA	8" Diameter, Cut And Prepare Existing In Place Copper Pipe	58.81	
22 11 16 00-0783		Sweat Brass Companion Flanges *(22 11 16 00-0383)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0784	EA	1" Diameter, Sweat Brass Companion Flange	58.84	18.62
22 11 16 00-0785	EA	1-1/4" Diameter, Sweat Brass Companion Flange	64.29	20.51
22 11 16 00-0786	EA	1-1/2" Diameter, Sweat Brass Companion Flange	89.53	22.29
22 11 16 00-0787	EA	2" Diameter, Sweat Brass Companion Flange	118.03	24.74
22 11 16 00-0788	EA	2-1/2" Diameter, Sweat Brass Companion Flange	169.05	29.76
22 11 16 00-0789	EA	3" Diameter, Sweat Brass Companion Flange	187.33	39.01
22 11 16 00-0790	EA	4" Diameter, Sweat Brass Companion Flange	249.41	46.48
22 11 16 00-0791	EA	5" Diameter, Sweat Brass Companion Flange	472.64	56.86
22 11 16 00-0792	EA	6" Diameter, Sweat Brass Companion Flange	549.81	82.61
22 11 16 00-0793	EA	8" Diameter, Copper Companion Flange	1,247.11	117.84
22 11 16 00-0794		Brass Compression Fittings *(22 11 16 00-0383)*		
22 11 16 00-0795		Brass Compression Unions *(22 11 16 00-0794)*		
22 11 16 00-0796	EA	1/4" Diameter, Brass Compression Union	20.69	13.07
22 11 16 00-0797	EA	3/8" Diameter, Brass Compression Union	20.99	13.07
22 11 16 00-0798	EA	1/2" Diameter, Brass Compression Union	21.90	13.07
22 11 16 00-0799	EA	5/8" Diameter, Brass Compression Union	22.33	13.07
22 11 16 00-0800	EA	3/4" Diameter, Brass Compression Union	31.49	13.07
22 11 16 00-0801	EA	3/8" x 1/4" Diameter, Brass Compression Union	21.20	13.07
22 11 16 00-0802	EA	1/2" x 3/8" Diameter, Brass Compression Union	21.97	13.07
22 11 16 00-0803	EA	5/8" x 3/8" Diameter, Brass Compression Union	22.51	13.07
22 11 16 00-0804	EA	5/8" x 1/2" Diameter, Brass Compression Union	23.37	13.07
22 11 16 00-0805		Brass Compression Union Elbows *(22 11 16 00-0794)*		
22 11 16 00-0806	EA	1/4" Diameter, Brass Compression Union Elbow	21.90	13.07
22 11 16 00-0807	EA	3/8" Diameter, Brass Compression Union Elbow	22.39	13.07
22 11 16 00-0808	EA	1/2" Diameter, Brass Compression Union Elbow	23.47	13.07
22 11 16 00-0809	EA	5/8" Diameter, Brass Compression Union Elbow	25.14	13.07
22 11 16 00-0810	EA	3/4" Diameter, Brass Compression Union Elbow	31.67	13.07
22 11 16 00-0811	EA	3/8" x 1/4" Diameter, Brass Compression Union Elbow	22.39	13.07
22 11 16 00-0812	EA	1/2" x 3/8" Diameter, Brass Compression Union Elbow	23.47	13.07
22 11 16 00-0813	EA	5/8" x 3/8" Diameter, Brass Compression Union Elbow	23.77	13.07
22 11 16 00-0814	EA	5/8" x 1/2" Diameter, Brass Compression Union Elbow	28.67	13.07
22 11 16 00-0815		Brass Compression Union Tees *(22 11 16 00-0794)*		
22 11 16 00-0816	EA	1/4" Diameter, Brass Compression Union Tee	22.27	13.07
22 11 16 00-0817	EA	3/8" Diameter, Brass Compression Union Tee	23.29	13.07
22 11 16 00-0818	EA	1/2" Diameter, Brass Compression Union Tee	24.37	13.07
22 11 16 00-0819	EA	5/8" Diameter, Brass Compression Union Tee	27.78	13.07
22 11 16 00-0820	EA	3/4" Diameter, Brass Compression Union Tee	39.56	13.07
22 11 16 00-0821	EA	3/8" x 3/8" x 1/4" Diameter, Brass Compression Union Tee	24.01	13.07
22 11 16 00-0822	EA	1/2" x 1/2" x 3/8" Diameter, Brass Compression Union Tee	29.54	13.07
22 11 16 00-0823	EA	5/8" x 5/8" x 3/8" Diameter, Brass Compression Union Tee	29.01	13.07
22 11 16 00-0824	EA	5/8" x 5/8" x 1/2" Diameter, Brass Compression Union Tee	29.63	13.07
22 11 16 00-0825		Brass Compression Male Connectors *(22 11 16 00-0794)*		
22 11 16 00-0826	EA	1/4" Diameter, Brass Compression Male Connector	20.48	13.07
22 11 16 00-0827	EA	3/8" Diameter, Brass Compression Male Connector	20.87	13.07
22 11 16 00-0828	EA	1/2" Diameter, Brass Compression Male Connector	21.55	13.07
22 11 16 00-0829	EA	5/8" Diameter, Brass Compression Male Connector	22.57	13.07
22 11 16 00-0830	EA	3/4" Diameter, Brass Compression Male Connector	27.92	12.95
22 11 16 00-0831		Brass Compression Female Connectors *(22 11 16 00-0794)*		
22 11 16 00-0832	EA	1/4" Diameter, Brass Compression Female Connector	20.91	13.07
22 11 16 00-0833	EA	3/8" Diameter, Brass Compression Female Connector	21.42	13.07
22 11 16 00-0834	EA	1/2" Diameter, Brass Compression Female Connector	22.29	13.07
22 11 16 00-0835	EA	5/8" Diameter, Brass Compression Female Connector	22.86	13.07
22 11 16 00-0836	EA	3/4" Diameter, Brass Compression Female Connector	36.27	12.83
22 11 16 00-0837		Dielectric Fittings *(22 11 16 00-0383)*		
22 11 16 00-0838		Copper x Female Iron Pipe Thread Dielectric Unions *(22 11 16 00-0837)*		
22 11 16 00-0839	EA	1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	51.21	29.05
22 11 16 00-0840	EA	3/4" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	57.26	33.16
22 11 16 00-0841	EA	1" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	67.91	36.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0842	EA	1-1/4" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	81.98	40.12
22 11 16 00-0843	EA	1-1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	98.83	44.58
22 11 16 00-0844	EA	2" Diameter, Copper x Female Iron Pipe Thread Dielectric Union	125.28	53.50
22 11 16 00-0845		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0837)*		
22 11 16 00-0846	EA	1/2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	56.04	29.05
22 11 16 00-0847	EA	3/4" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	65.22	33.16
22 11 16 00-0848	EA	1" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	78.40	36.44
22 11 16 00-0849	EA	1-1/4" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	95.89	40.12
22 11 16 00-0850	EA	1-1/2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	116.04	44.58
22 11 16 00-0851	EA	2" Diameter, Female Brass Thread x Iron Pipe Thread Dielectric Union	145.46	53.50
22 11 16 00-0852		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0837)*		
22 11 16 00-0853	EA	1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	52.98	29.05
22 11 16 00-0854	EA	3/4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	60.17	33.16
22 11 16 00-0855	EA	1" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	68.68	36.44
22 11 16 00-0856	EA	1-1/4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	79.29	40.12
22 11 16 00-0857	EA	1-1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	96.16	44.58
22 11 16 00-0858	EA	2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	123.14	53.50
22 11 16 00-0859		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0837)*		
22 11 16 00-0860	EA	2-1/2" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	305.57	137.53
22 11 16 00-0861	EA	3" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	382.61	173.20
22 11 16 00-0862	EA	4" Diameter, Copper x Female Iron Pipe Thread Dielectric Flange	538.80	235.73
22 11 16 00-0863		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0837)*		
22 11 16 00-0864	EA	2-1/2" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	307.56	137.53
22 11 16 00-0865	EA	3" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	398.45	173.20
22 11 16 00-0866	EA	4" Diameter, Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	721.45	235.73
22 11 16 00-0867		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0868	EA	1/4" x 1/4" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	26.56	12.10
22 11 16 00-0869	EA	3/8" x 3/8" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	33.19	12.91
22 11 16 00-0870	EA	1/2" x 1/2" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	34.28	14.52
22 11 16 00-0871	EA	5/8" x 5/8" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	39.59	15.49
22 11 16 00-0872	EA	3/4" x 3/4" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	40.27	16.54
22 11 16 00-0873	EA	1" x 1" Diameter, Brass Push-Fit Coupling Note: (Sharkbite)	56.98	19.76
22 11 16 00-0874	EA	1/2" x 3/8" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	33.74	13.71
22 11 16 00-0875	EA	3/4" x 5/8" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	39.15	15.01
22 11 16 00-0876	EA	1" x 3/4" Diameter, Brass Push-Fit Reducing Coupling Note: (Sharkbite)	58.77	18.15
22 11 16 00-0877	EA	1/4" x 1/4" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	27.78	12.10
22 11 16 00-0878	EA	3/8" x 3/8" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	38.37	12.91
22 11 16 00-0879	EA	1/2" x 1/2" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	34.95	14.52
22 11 16 00-0880	EA	5/8" x 5/8" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	42.60	15.49
22 11 16 00-0881	EA	3/4" x 3/4" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	39.41	16.54
22 11 16 00-0882	EA	1" x 1" Diameter, Brass Push-Fit Elbow Note: (Sharkbite)	57.64	19.76
22 11 16 00-0883	EA	1/2" x 3/8" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	33.18	13.71
22 11 16 00-0884	EA	3/4" x 1/2" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	37.01	15.01
22 11 16 00-0885	EA	1" x 3/4" Diameter, Brass Push-Fit Reducing Elbow Note: (Sharkbite)	73.59	18.15
22 11 16 00-0886	EA	1/4" x 1/4" x 1/4" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	42.17	18.15
22 11 16 00-0887	EA	3/8" x 3/8" x 3/8" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	53.79	19.36
22 11 16 00-0888	EA	1/2" x 1/2" x 1/2" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	48.82	21.78
22 11 16 00-0889	EA	5/8" x 5/8" x 5/8" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	62.62	23.24
22 11 16 00-0890	EA	3/4" x 3/4" x 3/4" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	57.03	24.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0891	EA	1" x 1" x 1" Diameter, Brass Push-Fit Tee Note: (Sharkbite)	78.40	29.65
22 11 16 00-0892	EA	1/2" x 1/2" x 1/4" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	55.19	20.57
22 11 16 00-0893	EA	1/2" x 1/2" x 3/8" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	55.47	20.98
22 11 16 00-0894	EA	3/4" x 3/4" x 1/2" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	55.06	23.80
22 11 16 00-0895	EA	1" x 1" x 3/4" Diameter, Brass Push-Fit Reducing Tee Note: (Sharkbite)	76.13	28.04
22 11 16 00-0896	EA	1/4" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.74	13.31
22 11 16 00-0897	EA	3/8" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.30	13.71
22 11 16 00-0898	EA	1/2" x 1/2" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	30.83	14.52
22 11 16 00-0899	EA	3/4" x 3/4" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	35.31	16.54
22 11 16 00-0900	EA	1" x 1" Diameter, Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	50.01	19.76
22 11 16 00-0901	EA	1/4" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.58	13.31
22 11 16 00-0902	EA	3/8" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	31.30	13.71
22 11 16 00-0903	EA	1/2" x 1/2" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	30.92	14.52
22 11 16 00-0904	EA	3/4" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	34.94	16.54
22 11 16 00-0905	EA	5/8" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	38.18	16.01
22 11 16 00-0906	EA	1" x 3/4" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	45.93	18.15
22 11 16 00-0907	EA	1" x 1" Diameter, Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	50.78	19.76
22 11 16 00-0908	EA	1/2" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	45.22	14.52
22 11 16 00-0909	EA	3/4" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	52.91	16.54
22 11 16 00-0910	EA	1" Diameter, Brass Push-Fit Ball Valve Note: (Sharkbite)	70.13	19.76
22 11 16 00-0911	EA	1/2" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	48.56	14.52
22 11 16 00-0912	EA	3/4" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	58.55	16.54
22 11 16 00-0913	EA	1" Diameter, Brass Push-Fit Check Valve Note: (Sharkbite)	99.47	19.76

22 11 16 00-0914 Copper Pipe With Fittings And Hangers Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0915	LF	1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	24.83	3.39
		For Type K Tubing Instead Of Type L, Add	*1.79*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.13*	
		For For Brazed Fittings, Add	*0.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.19*	
		For Work In Restricted Working Space, Add	*5.68*	
22 11 16 00-0916	LF	3/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	29.05	4.35
		For Type K Tubing Instead Of Type L, Add	*2.18*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.60*	
		For For Brazed Fittings, Add	*0.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.53*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0917	LF	1" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	32.46	5.20
		For Type K Tubing Instead Of Type L, Add	*2.64*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.87*	
		For For Brazed Fittings, Add	*0.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.75*	
		For Work In Restricted Working Space, Add	*6.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0918	LF	1-1/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	37.19	6.05
		For Type K Tubing Instead Of Type L, Add	*3.35*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.20*	
		For For Brazed Fittings, Add	*0.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.03*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.38*	
22 11 16 00-0919	LF	1-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	41.82	6.90
		For Type K Tubing Instead Of Type L, Add	*3.95*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.58*	
		For For Brazed Fittings, Add	*1.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.34*	
		For Work In Restricted Working Space, Add	*7.47*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.69*	
22 11 16 00-0920	LF	2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	53.88	8.59
		For Type K Tubing Instead Of Type L, Add	*5.54*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.56*	
		For For Brazed Fittings, Add	*1.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.13*	
		For Work In Restricted Working Space, Add	*8.60*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.52*	
22 11 16 00-0921	LF	2-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	68.03	10.37
		For Type K Tubing Instead Of Type L, Add	*7.73*	
		For Type M Tubing Instead Of Type L, Deduct	*-5.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.48*	
		For For Brazed Fittings, Add	*1.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.94*	
		For Work In Restricted Working Space, Add	*9.23*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.73*	
22 11 16 00-0922	LF	3" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	83.94	12.04
		For Type K Tubing Instead Of Type L, Add	*10.16*	
		For Type M Tubing Instead Of Type L, Deduct	*-7.41*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.53*	
		For For Brazed Fittings, Add	*1.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.86*	
		For Work In Restricted Working Space, Add	*9.99*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-5.06*	
22 11 16 00-0923	LF	4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	133.41	15.94
		For Type K Tubing Instead Of Type L, Add	*17.48*	
		For Type M Tubing Instead Of Type L, Deduct	*-12.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.98*	
		For For Brazed Fittings, Add	*1.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.82*	
		For Work In Restricted Working Space, Add	*12.92*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-9.04*	
22 11 16 00-0924	LF	5" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	237.43	19.84
		For Type K Tubing Instead Of Type L, Add	*33.98*	
		For Type M Tubing Instead Of Type L, Deduct	*-24.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.40*	
		For For Brazed Fittings, Add	*2.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.64*	
		For Work In Restricted Working Space, Add	*16.58*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-18.22*	
22 11 16 00-0925	LF	6" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	310.52	23.96
		For Type K Tubing Instead Of Type L, Add	*44.72*	
		For Type M Tubing Instead Of Type L, Deduct	*-31.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.55*	
		For For Brazed Fittings, Add	*2.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.04*	
		For Work In Restricted Working Space, Add	*21.06*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-24.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0926	LF	8" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	662.87	28.64
		For Type K Tubing Instead Of Type L, Add	*103.88*	
		For Type M Tubing Instead Of Type L, Deduct	*-72.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*41.87*	
		For For Brazed Fittings, Add	*3.49*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.51*	
		For Work In Restricted Working Space, Add	*26.18*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-57.56*	

22 11 16 00-0927 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*

Note: Socket weld.

22 11 16 00-0928 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0927)*

22 11 16 00-0929 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0928)*

22 11 16 00-0930	LF	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	5.96	1.78
		For Work In Restricted Working Space, Add	*1.34*	
22 11 16 00-0931	LF	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.74	1.87
		For Work In Restricted Working Space, Add	*1.40*	
22 11 16 00-0932	LF	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.05	2.02
		For Work In Restricted Working Space, Add	*1.51*	
22 11 16 00-0933	LF	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	9.68	2.19
		For Work In Restricted Working Space, Add	*1.65*	
22 11 16 00-0934	LF	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	11.13	2.43
		For Work In Restricted Working Space, Add	*1.82*	
22 11 16 00-0935	LF	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.78	2.72
		For Work In Restricted Working Space, Add	*2.04*	
22 11 16 00-0936	LF	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	18.42	3.08
		For Work In Restricted Working Space, Add	*2.32*	
22 11 16 00-0937	LF	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.42	3.66
		For Work In Restricted Working Space, Add	*2.74*	
22 11 16 00-0938	LF	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	32.19	4.49
		For Work In Restricted Working Space, Add	*3.37*	
22 11 16 00-0939	LF	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	54.82	5.71
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0940	LF	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	78.52	7.49
		For Work In Restricted Working Space, Add	*5.62*	

22 11 16 00-0941 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0928)*

22 11 16 00-0942	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	23.52	8.47
		For Work In Restricted Working Space, Add	*6.35*	
22 11 16 00-0943	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	30.40	10.70
		For Work In Restricted Working Space, Add	*8.03*	
22 11 16 00-0944	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	39.33	13.37
		For Work In Restricted Working Space, Add	*10.07*	
22 11 16 00-0945	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	53.04	16.72
		For Work In Restricted Working Space, Add	*12.57*	
22 11 16 00-0946	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	58.93	18.50
		For Work In Restricted Working Space, Add	*13.91*	
22 11 16 00-0947	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	68.65	18.50
		For Work In Restricted Working Space, Add	*15.51*	
22 11 16 00-0948	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	102.97	23.52
		For Work In Restricted Working Space, Add	*17.66*	
22 11 16 00-0949	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	117.49	27.86
		For Work In Restricted Working Space, Add	*20.87*	
22 11 16 00-0950	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	165.55	34.22
		For Work In Restricted Working Space, Add	*25.68*	
22 11 16 00-0951	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	208.99	43.47
		For Work In Restricted Working Space, Add	*32.63*	
22 11 16 00-0952	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	387.92	57.07
		For Work In Restricted Working Space, Add	*42.80*	

22 11 16 00-0953 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0928)*

22 11 16 00-0954	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	24.69	8.47
		For Work In Restricted Working Space, Add	*6.35*	
22 11 16 00-0955	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	31.81	10.70
		For Work In Restricted Working Space, Add	*8.03*	
22 11 16 00-0956	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	41.61	13.37
		For Work In Restricted Working Space, Add	*10.07*	
22 11 16 00-0957	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	56.04	16.72
		For Work In Restricted Working Space, Add	*12.57*	
22 11 16 00-0958	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	62.59	18.50
		For Work In Restricted Working Space, Add	*13.91*	
22 11 16 00-0959	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	69.89	20.73
		For Work In Restricted Working Space, Add	*15.51*	
22 11 16 00-0960	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	103.75	23.52
		For Work In Restricted Working Space, Add	*17.66*	
22 11 16 00-0961	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	117.39	27.86
		For Work In Restricted Working Space, Add	*20.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0962	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	151.22	34.22
		For Work In Restricted Working Space, Add	*25.68*	
22 11 16 00-0963	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	235.85	43.47
		For Work In Restricted Working Space, Add	*32.63*	
22 11 16 00-0964	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	406.95	57.07
		For Work In Restricted Working Space, Add	*42.80*	

22 11 16 00-0965 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0928)*

22 11 16 00-0966	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	36.04	12.70
		For Work In Restricted Working Space, Add	*9.53*	
22 11 16 00-0967	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	46.94	16.05
		For Work In Restricted Working Space, Add	*12.04*	
22 11 16 00-0968	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	58.77	20.17
		For Work In Restricted Working Space, Add	*15.11*	
22 11 16 00-0969	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	80.55	25.18
		For Work In Restricted Working Space, Add	*18.86*	
22 11 16 00-0970	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	89.82	27.86
		For Work In Restricted Working Space, Add	*20.87*	
22 11 16 00-0971	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	107.80	30.99
		For Work In Restricted Working Space, Add	*23.27*	
22 11 16 00-0972	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	137.93	35.33
		For Work In Restricted Working Space, Add	*26.48*	
22 11 16 00-0973	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	158.36	41.69
		For Work In Restricted Working Space, Add	*31.30*	
22 11 16 00-0974	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	192.23	51.38
		For Work In Restricted Working Space, Add	*38.52*	
22 11 16 00-0975	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	287.89	65.32
		For Work In Restricted Working Space, Add	*48.95*	
22 11 16 00-0976	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	571.06	85.60
		For Work In Restricted Working Space, Add	*64.20*	

22 11 16 00-0977 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0928)*

22 11 16 00-0978	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	46.03	16.94
		For Work In Restricted Working Space, Add	*12.71*	
22 11 16 00-0979	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	59.38	21.39
		For Work In Restricted Working Space, Add	*16.05*	
22 11 16 00-0980	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	74.32	26.86
		For Work In Restricted Working Space, Add	*20.13*	
22 11 16 00-0981	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	99.04	33.55
		For Work In Restricted Working Space, Add	*25.14*	
22 11 16 00-0982	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	110.19	37.11
		For Work In Restricted Working Space, Add	*27.82*	
22 11 16 00-0983	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	129.47	41.35
		For Work In Restricted Working Space, Add	*31.03*	
22 11 16 00-0984	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	160.47	47.03
		For Work In Restricted Working Space, Add	*35.31*	
22 11 16 00-0985	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	185.63	55.61
		For Work In Restricted Working Space, Add	*41.73*	
22 11 16 00-0986	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	226.18	68.43
		For Work In Restricted Working Space, Add	*51.36*	
22 11 16 00-0987	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	324.98	87.04
		For Work In Restricted Working Space, Add	*65.27*	
22 11 16 00-0988	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	592.87	114.13
		For Work In Restricted Working Space, Add	*85.60*	

22 11 16 00-0989 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0928)*

22 11 16 00-0990	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	21.02	7.80
		For Work In Restricted Working Space, Add	*5.89*	
22 11 16 00-0991	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	29.16	10.59
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-0992	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	47.08	13.83
		For Work In Restricted Working Space, Add	*10.37*	
22 11 16 00-0993	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	53.01	15.27
		For Work In Restricted Working Space, Add	*11.47*	
22 11 16 00-0994	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	62.11	17.05
		For Work In Restricted Working Space, Add	*12.81*	
22 11 16 00-0995	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	68.01	19.39
		For Work In Restricted Working Space, Add	*14.58*	
22 11 16 00-0996	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	82.27	22.96
		For Work In Restricted Working Space, Add	*17.22*	
22 11 16 00-0997	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	110.51	28.20
		For Work In Restricted Working Space, Add	*21.20*	
22 11 16 00-0998	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	174.60	35.89
		For Work In Restricted Working Space, Add	*26.92*	
22 11 16 00-0999	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	373.08	47.03
		For Work In Restricted Working Space, Add	*35.31*	

22 11 16 00-1000 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0928)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1001	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	23.14	5.57
		For Work In Restricted Working Space, Add	*4.18*	
22 11 16 00-1002	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	29.54	7.80
		For Work In Restricted Working Space, Add	*5.89*	
22 11 16 00-1003	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	37.06	10.59
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-1004	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	46.40	13.83
		For Work In Restricted Working Space, Add	*10.37*	
22 11 16 00-1005	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	54.02	15.27
		For Work In Restricted Working Space, Add	*11.47*	
22 11 16 00-1006	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	67.13	17.05
		For Work In Restricted Working Space, Add	*12.81*	
22 11 16 00-1007	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	100.84	19.39
		For Work In Restricted Working Space, Add	*14.58*	
22 11 16 00-1008	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	193.87	22.96
		For Work In Restricted Working Space, Add	*17.22*	
22 11 16 00-1009	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	285.74	28.20
		For Work In Restricted Working Space, Add	*21.20*	

22 11 16 00-1010 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0928)*

22 11 16 00-1011	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	17.46	5.57
		For Work In Restricted Working Space, Add	*4.18*	
22 11 16 00-1012	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	24.38	7.80
		For Work In Restricted Working Space, Add	*5.89*	
22 11 16 00-1013	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	34.45	10.59
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-1014	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	46.40	13.83
		For Work In Restricted Working Space, Add	*10.37*	
22 11 16 00-1015	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	54.25	15.27
		For Work In Restricted Working Space, Add	*11.47*	
22 11 16 00-1016	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	64.36	17.05
		For Work In Restricted Working Space, Add	*12.81*	
22 11 16 00-1017	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	89.61	19.39
		For Work In Restricted Working Space, Add	*14.58*	
22 11 16 00-1018	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	107.00	22.96
		For Work In Restricted Working Space, Add	*17.22*	
22 11 16 00-1019	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	154.52	28.20
		For Work In Restricted Working Space, Add	*21.20*	

22 11 16 00-1020 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0928)*

22 11 16 00-1021	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	18.80	5.57
		For Work In Restricted Working Space, Add	*4.18*	
22 11 16 00-1022	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	24.81	7.80
		For Work In Restricted Working Space, Add	*5.89*	
22 11 16 00-1023	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	34.56	10.59
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-1024	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	46.79	13.83
		For Work In Restricted Working Space, Add	*10.37*	
22 11 16 00-1025	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	52.46	15.27
		For Work In Restricted Working Space, Add	*11.47*	
22 11 16 00-1026	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	62.89	17.05
		For Work In Restricted Working Space, Add	*12.81*	
22 11 16 00-1027	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	90.46	19.39
		For Work In Restricted Working Space, Add	*14.58*	
22 11 16 00-1028	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	121.82	22.96
		For Work In Restricted Working Space, Add	*17.22*	
22 11 16 00-1029	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	179.72	28.20
		For Work In Restricted Working Space, Add	*21.20*	

22 11 16 00-1030 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0928)*

22 11 16 00-1031	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	15.70	5.12
		For Work In Restricted Working Space, Add	*3.81*	
22 11 16 00-1032	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	22.08	7.13
		For Work In Restricted Working Space, Add	*5.35*	
22 11 16 00-1033	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	29.67	9.58
		For Work In Restricted Working Space, Add	*7.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1034	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	39.95	12.59
		For Work In Restricted Working Space, Add	*9.43*	
22 11 16 00-1035	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	45.52	13.94
		For Work In Restricted Working Space, Add	*10.43*	
22 11 16 00-1036	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	51.26	15.49
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-1037	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	74.02	17.60
		For Work In Restricted Working Space, Add	*13.24*	
22 11 16 00-1038	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	82.35	20.84
		For Work In Restricted Working Space, Add	*15.65*	
22 11 16 00-1039	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	103.74	25.64
		For Work In Restricted Working Space, Add	*19.26*	
22 11 16 00-1040	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	159.61	32.65
		For Work In Restricted Working Space, Add	*24.48*	
22 11 16 00-1041	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	265.09	42.80
		For Work In Restricted Working Space, Add	*32.10*	

22 11 16 00-1042 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0928)*

22 11 16 00-1043	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	28.06	6.13
		For Work In Restricted Working Space, Add	*4.58*	
22 11 16 00-1044	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	34.80	8.58
		For Work In Restricted Working Space, Add	*6.42*	
22 11 16 00-1045	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	42.59	11.48
		For Work In Restricted Working Space, Add	*8.63*	
22 11 16 00-1046	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	70.22	15.05
		For Work In Restricted Working Space, Add	*11.30*	
22 11 16 00-1047	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	74.81	16.72
		For Work In Restricted Working Space, Add	*12.51*	
22 11 16 00-1048	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	101.54	18.62
		For Work In Restricted Working Space, Add	*13.98*	
22 11 16 00-1049	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	166.89	21.17
		For Work In Restricted Working Space, Add	*15.88*	
22 11 16 00-1050	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	234.84	25.07
		For Work In Restricted Working Space, Add	*18.79*	
22 11 16 00-1051	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	369.76	30.76
		For Work In Restricted Working Space, Add	*23.11*	
22 11 16 00-1052	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	493.23	39.12
		For Work In Restricted Working Space, Add	*29.36*	
22 11 16 00-1053	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	611.35	51.38
		For Work In Restricted Working Space, Add	*38.52*	

22 11 16 00-1054 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0928)*

22 11 16 00-1055	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	12.67	5.24
		For Work In Restricted Working Space, Add	*2.38*	
22 11 16 00-1056	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	16.76	6.58
		For Work In Restricted Working Space, Add	*3.01*	
22 11 16 00-1057	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	24.46	8.25
		For Work In Restricted Working Space, Add	*3.77*	
22 11 16 00-1058	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	28.74	6.25
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-1059	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	30.66	6.91
		For Work In Restricted Working Space, Add	*5.21*	
22 11 16 00-1060	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	40.77	7.80
		For Work In Restricted Working Space, Add	*5.82*	
22 11 16 00-1061	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	60.58	8.80
		For Work In Restricted Working Space, Add	*6.62*	
22 11 16 00-1062	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	65.47	10.48
		For Work In Restricted Working Space, Add	*7.82*	
22 11 16 00-1063	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	98.54	12.81
		For Work In Restricted Working Space, Add	*9.63*	
22 11 16 00-1064	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	206.10	16.27
		For Work In Restricted Working Space, Add	*12.24*	
22 11 16 00-1065	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	265.77	21.39
		For Work In Restricted Working Space, Add	*16.05*	

22 11 16 00-1066 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges *(22 11 16 00-0928)*

22 11 16 00-1067	EA	1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	21.57	4.01
		For Work In Restricted Working Space, Add	*3.05*	
22 11 16 00-1068	EA	3/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	26.51	5.68
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-1069	EA	1" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	32.81	7.69
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-1070	EA	1-1/4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	39.21	10.04
		For Work In Restricted Working Space, Add	*7.55*	
22 11 16 00-1071	EA	1-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	42.22	11.15
		For Work In Restricted Working Space, Add	*8.36*	
22 11 16 00-1072	EA	2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	50.08	12.37
		For Work In Restricted Working Space, Add	*9.30*	
22 11 16 00-1073	EA	2-1/2" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	65.13	14.16
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-1074	EA	3" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	74.19	16.72
		For Work In Restricted Working Space, Add	*12.51*	

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22 11 16 00-1075	EA	4" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	92.56	20.51
		For Work In Restricted Working Space, Add	*15.41*	
22 11 16 00-1076	EA	6" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	130.06	26.08
		For Work In Restricted Working Space, Add	*19.60*	
22 11 16 00-1077	EA	8" Diameter, Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	231.66	34.22
		For Work In Restricted Working Space, Add	*25.68*	

22 11 16 00-1078 Polypropylene Random (PP-R), Heat Fusion, Domestic Water Pipe *(22 11 16)*

22 11 16 00-1079 Polypropylene Random (PP-R), Heat Fusion, Domestic Hot Water Pipe *(22 11 16 00-1078)*

Note: Aquatherm greenpipe®

22 11 16 00-1080	LF	1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.12	1.90
22 11 16 00-1081	LF	3/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.98	1.98
22 11 16 00-1082	LF	1" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	8.08	2.38
22 11 16 00-1083	LF	1-1/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	10.12	2.54
22 11 16 00-1084	LF	1-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	13.92	2.85
22 11 16 00-1085	LF	2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	18.35	2.91
22 11 16 00-1086	LF	2-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	26.16	3.96
22 11 16 00-1087	LF	3" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	34.62	4.58
22 11 16 00-1088	LF	3-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	46.45	5.12
22 11 16 00-1089	LF	4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	54.88	5.65

22 11 16 00-1090 Polypropylene Random (PP-R), Heat Fusion, Domestic Cold Water Pipe *(22 11 16 00-1078)*

Note: Aquatherm greenpipe®

22 11 16 00-1091	LF	1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	4.70	1.90
22 11 16 00-1092	LF	3/4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	5.28	1.98
22 11 16 00-1093	LF	1" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	6.83	2.38
22 11 16 00-1094	LF	1-1/4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	8.29	2.54
22 11 16 00-1095	LF	1-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	10.73	2.85
22 11 16 00-1096	LF	2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	13.82	2.91
22 11 16 00-1097	LF	2-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	19.19	3.96
22 11 16 00-1098	LF	3" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	25.42	4.58
22 11 16 00-1099	LF	3-1/2" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	34.90	5.12
22 11 16 00-1100	LF	4" Diameter, SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	41.20	5.65

22 11 16 00-1101 Polypropylene Random (PP-R), Heat Fusion, UV Protected, Domestic Hot Water Pipe *(22 11 16 00-1078)*

Note: Aquatherm greenpipe®.

22 11 16 00-1102	LF	1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	5.34	1.90
22 11 16 00-1103	LF	3/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	6.28	1.98
22 11 16 00-1104	LF	1" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	8.41	2.38
22 11 16 00-1105	LF	1-1/4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	10.55	2.54
22 11 16 00-1106	LF	1-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	15.16	2.85
22 11 16 00-1107	LF	2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	19.02	2.91
22 11 16 00-1108	LF	2-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	27.12	3.96
22 11 16 00-1109	LF	3" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	37.01	4.58
22 11 16 00-1110	LF	3-1/2" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	46.32	5.12
22 11 16 00-1111	LF	4" Diameter, SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	54.50	5.65

22 11 16 00-1112 Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe *(22 11 16 00-1078)*

Note: Aquatherm climatherm®.

22 11 16 00-1113	LF	1/2" Diameter, SDR 7.4, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	4.68	1.90
22 11 16 00-1114	LF	3/4" Diameter, SDR 7.4, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	5.36	1.98
22 11 16 00-1115	LF	1" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	6.37	2.38
22 11 16 00-1116	LF	1-1/4" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	7.63	2.54
22 11 16 00-1117	LF	1-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	9.55	2.86
22 11 16 00-1118	LF	2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	12.02	2.92
22 11 16 00-1119	LF	2-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	16.74	3.96
22 11 16 00-1120	LF	3" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	22.00	4.58
22 11 16 00-1121	LF	3-1/2" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	29.27	5.13
22 11 16 00-1122	LF	4" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	35.21	5.65
22 11 16 00-1123	LF	6" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	42.36	7.24
22 11 16 00-1124	LF	8" Diameter, SDR 11, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	67.59	9.50

22 11 16 00-1125 Pipe Clamp For Polypropylene Random (PP-R) Pipe *(22 11 16 00-1078)*

22 11 16 00-1126	EA	1/2" Diameter Pipe Clamp For Polypropylene Pipe	12.96	4.70
22 11 16 00-1127	EA	3/4" Diameter Pipe Clamp For Polypropylene Pipe	13.51	4.70
22 11 16 00-1128	EA	1" Diameter Pipe Clamp For Polypropylene Pipe	13.87	4.70
22 11 16 00-1129	EA	1-1/4" Diameter Pipe Clamp For Polypropylene Pipe	14.00	4.70
22 11 16 00-1130	EA	1-1/2" Diameter Pipe Clamp For Polypropylene Pipe	14.42	4.70
22 11 16 00-1131	EA	2" Diameter Pipe Clamp For Polypropylene Pipe	15.63	4.70
22 11 16 00-1132	EA	2-1/2" Diameter Pipe Clamp For Polypropylene Pipe	17.40	4.70
22 11 16 00-1133	EA	3" Diameter Pipe Clamp For Polypropylene Pipe	18.00	4.70
22 11 16 00-1134	EA	3-1/2" Diameter Pipe Clamp For Polypropylene Pipe	18.85	4.70
22 11 16 00-1135	EA	4" Diameter Pipe Clamp For Polypropylene Pipe	20.01	4.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1136		**Polypropylene Random (PP-R) Pipe, Pipe Fastening Strap** *(22 11 16 00-1078)*		
22 11 16 00-1137	EA	Up to 1" Diameter Polypropylene Pipe, Single Pipe Fastening Strap, 1-3/8" Spike	4.39	
22 11 16 00-1138	EA	Up to 1" Diameter Polypropylene Pipe, Single Pipe Fastening Strap, 2-1/2" Spike	4.54	
22 11 16 00-1139	EA	Up to 1" Diameter Polypropylene Pipe, Double Pipe Fastening Strap, 1-3/8" Spike	4.61	
22 11 16 00-1140	EA	Up to 1" Diameter Polypropylene Pipe, Double Pipe Fastening Strap, 2-1/2" Spike	4.66	
22 11 16 00-1141		**Polypropylene Random (PP-R) Pipe Plastic Pipe Clamp** *(22 11 16 00-1078)*		
22 11 16 00-1142	EA	1/2" Diameter, Polypropylene Pipe Plastic Pipe Clamp	10.41	2.44
22 11 16 00-1143	EA	3/4" Diameter, Polypropylene Pipe Plastic Pipe Clamp	10.78	2.44
22 11 16 00-1144		**Polypropylene Random (PP-R), Heat Fusion, Socket Coupling** *(22 11 16 00-1078)*		
22 11 16 00-1145	EA	1/2" Polypropylene, Heat Fusion, Socket Coupling	9.12	3.78
22 11 16 00-1146	EA	3/4" Polypropylene, Heat Fusion, Socket Coupling	9.64	3.96
22 11 16 00-1147	EA	1" Polypropylene, Heat Fusion, Socket Coupling	11.77	4.75
22 11 16 00-1148	EA	1-1/4" Polypropylene, Heat Fusion, Socket Coupling	12.90	5.09
22 11 16 00-1149	EA	1-1/2" Polypropylene, Heat Fusion, Socket Coupling	17.12	5.71
22 11 16 00-1150	EA	2" Polypropylene, Heat Fusion, Socket Coupling	23.06	5.82
22 11 16 00-1151	EA	2-1/2" Polypropylene, Heat Fusion, Socket Coupling	28.60	7.92
22 11 16 00-1152	EA	3" Polypropylene, Heat Fusion, Socket Coupling	46.38	9.16
22 11 16 00-1153	EA	3-1/2" Polypropylene, Heat Fusion, Socket Coupling	66.11	10.23
22 11 16 00-1154	EA	4" Polypropylene, Heat Fusion, Socket Coupling	82.51	11.31
22 11 16 00-1155		**Polypropylene Random (PP-R), Heat Fusion, Bushing** *(22 11 16 00-1078)*		
22 11 16 00-1156	EA	1" Polypropylene, Heat Fusion, Bushing	9.88	3.78
22 11 16 00-1157	EA	1-1/4" Polypropylene, Heat Fusion, Bushing	11.45	3.96
22 11 16 00-1158	EA	1-1/2" Polypropylene, Heat Fusion, Bushing	15.34	4.75
22 11 16 00-1159	EA	2" Polypropylene, Heat Fusion, Bushing	21.87	5.09
22 11 16 00-1160	EA	2-1/2" Polypropylene, Heat Fusion, Bushing	24.50	5.71
22 11 16 00-1161	EA	3" Polypropylene, Heat Fusion, Bushing	40.77	5.82
22 11 16 00-1162	EA	3-1/2" Polypropylene, Heat Fusion, Bushing	62.38	7.92
22 11 16 00-1163	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Bushing	75.13	9.16
22 11 16 00-1164	EA	4" x 3" Polypropylene, Heat Fusion, Bushing	91.12	10.23
22 11 16 00-1165	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Bushing	95.38	11.31
22 11 16 00-1166		**Polypropylene Random (PP-R), Heat Fusion, Reducing Coupling** *(22 11 16 00-1078)*		
22 11 16 00-1167	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Coupling	13.38	3.96
22 11 16 00-1168	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Coupling	17.73	4.75
22 11 16 00-1169	EA	2" Polypropylene, Heat Fusion, Reducing Coupling	26.60	5.09
22 11 16 00-1170	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Coupling	29.47	5.71
22 11 16 00-1171	EA	3" Polypropylene, Heat Fusion, Reducing Coupling	35.98	5.82
22 11 16 00-1172	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	58.03	7.92
22 11 16 00-1173	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Coupling	75.41	9.61
22 11 16 00-1174	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	84.45	11.31
22 11 16 00-1175		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Elbow** *(22 11 16 00-1078)*		
22 11 16 00-1176	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	16.80	7.58
22 11 16 00-1177	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Elbow	18.06	7.98
22 11 16 00-1178	EA	1" Polypropylene, Heat Fusion, 90 Degree Elbow	22.06	9.50
22 11 16 00-1179	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Elbow	25.18	10.23
22 11 16 00-1180	EA	1-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	32.87	11.36
22 11 16 00-1181	EA	2" Polypropylene, Heat Fusion, 90 Degree Elbow	38.76	11.59
22 11 16 00-1182	EA	2-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	66.33	15.88
22 11 16 00-1183	EA	3" Polypropylene, Heat Fusion, 90 Degree Elbow	94.07	18.32
22 11 16 00-1184	EA	3-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	122.48	20.47
22 11 16 00-1185	EA	4" Polypropylene, Heat Fusion, 90 Degree Elbow	170.86	22.62
22 11 16 00-1186		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Street Elbow** *(22 11 16 00-1078)*		
22 11 16 00-1187	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Street Elbow	16.80	7.58
22 11 16 00-1188	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	18.06	7.98
22 11 16 00-1189	EA	1" Polypropylene, Heat Fusion, 90 Degree Street Elbow	22.06	9.50
22 11 16 00-1190	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	25.18	10.23
22 11 16 00-1191		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Elbow** *(22 11 16 00-1078)*		
22 11 16 00-1192	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	16.80	7.58
22 11 16 00-1193	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Elbow	18.06	7.98
22 11 16 00-1194	EA	1" Polypropylene, Heat Fusion, 45 Degree Elbow	22.06	9.50
22 11 16 00-1195	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Elbow	25.18	10.23
22 11 16 00-1196	EA	1-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	32.87	11.36
22 11 16 00-1197	EA	2" Polypropylene, Heat Fusion, 45 Degree Elbow	38.57	11.59
22 11 16 00-1198	EA	2-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	65.91	15.88
22 11 16 00-1199	EA	3" Polypropylene, Heat Fusion, 45 Degree Elbow	99.65	18.32
22 11 16 00-1200	EA	3-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	130.65	20.47
22 11 16 00-1201	EA	4" Polypropylene, Heat Fusion, 45 Degree Elbow	183.39	22.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1202		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Street Elbow** *(22 11 16 00-1078)*		
22 11 16 00-1203	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Street Elbow	16.78	7.58
22 11 16 00-1204	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	18.06	7.98
22 11 16 00-1205	EA	1" Polypropylene, Heat Fusion, 45 Degree Street Elbow	22.06	9.50
22 11 16 00-1206	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	25.18	10.23
22 11 16 00-1207		**Polypropylene Random (PP-R), Heat Fusion, Tee** *(22 11 16 00-1078)*		
22 11 16 00-1208	EA	1/2" Polypropylene, Heat Fusion, Tee	24.96	11.36
22 11 16 00-1209	EA	3/4" Polypropylene, Heat Fusion, Tee	26.92	11.93
22 11 16 00-1210	EA	1" Polypropylene, Heat Fusion, Tee	32.27	14.19
22 11 16 00-1211	EA	1-1/4" Polypropylene, Heat Fusion, Tee	36.59	15.32
22 11 16 00-1212	EA	1-1/2" Polypropylene, Heat Fusion, Tee	51.10	17.07
22 11 16 00-1213	EA	2" Polypropylene, Heat Fusion, Tee	59.12	17.41
22 11 16 00-1214	EA	2-1/2" Polypropylene, Heat Fusion, Tee	88.30	23.80
22 11 16 00-1215	EA	3" Polypropylene, Heat Fusion, Tee	122.14	27.48
22 11 16 00-1216	EA	3-1/2" Polypropylene, Heat Fusion, Tee	166.08	30.67
22 11 16 00-1217	EA	4" Polypropylene, Heat Fusion, Tee	206.94	33.87
22 11 16 00-1218		**Polypropylene Random (PP-R), Heat Fusion, Reducing Tee** *(22 11 16 00-1078)*		
22 11 16 00-1219	EA	1/2" Polypropylene, Heat Fusion, Reducing Tee	24.96	11.36
22 11 16 00-1220	EA	3/4" Polypropylene, Heat Fusion, Reducing Tee	26.92	11.93
22 11 16 00-1221	EA	1" Polypropylene, Heat Fusion, Reducing Tee	32.23	14.19
22 11 16 00-1222	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Tee	36.59	15.32
22 11 16 00-1223	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Tee	51.10	17.07
22 11 16 00-1224	EA	2" Polypropylene, Heat Fusion, Reducing Tee	57.65	17.41
22 11 16 00-1225	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Tee	84.82	23.80
22 11 16 00-1226	EA	3" Polypropylene, Heat Fusion, Reducing Tee	129.56	27.48
22 11 16 00-1227	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Tee	177.92	30.67
22 11 16 00-1228	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Reducing Tee	202.73	33.87
22 11 16 00-1229	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Tee	207.42	33.87
22 11 16 00-1230	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Tee	207.95	33.87
22 11 16 00-1231		**Polypropylene Random (PP-R), Heat Fusion, End Cap** *(22 11 16 00-1078)*		
22 11 16 00-1232	EA	1/2" Polypropylene, Heat Fusion, End Cap	10.00	3.78
22 11 16 00-1233	EA	3/4" Polypropylene, Heat Fusion, End Cap	10.98	3.96
22 11 16 00-1234	EA	1" Polypropylene, Heat Fusion, End Cap	13.21	4.75
22 11 16 00-1235	EA	1-1/4" Polypropylene, Heat Fusion, End Cap	16.02	5.09
22 11 16 00-1236	EA	1-1/2" Polypropylene, Heat Fusion, End Cap	19.48	5.71
22 11 16 00-1237	EA	2" Polypropylene, Heat Fusion, End Cap	25.14	5.82
22 11 16 00-1238	EA	2-1/2" Polypropylene, Heat Fusion, End Cap	35.39	7.92
22 11 16 00-1239	EA	3" Polypropylene, Heat Fusion, End Cap	62.50	9.16
22 11 16 00-1240	EA	3-1/2" Polypropylene, Heat Fusion, End Cap	73.61	10.23
22 11 16 00-1241	EA	4" Polypropylene, Heat Fusion, End Cap	103.56	11.31
22 11 16 00-1242		**Polypropylene Random (PP-R), Heat Fusion Outlet** *(22 11 16 00-1078)*		
22 11 16 00-1243	EA	1-1/4" x 1/2" Polypropylene, Heat Fusion Outlet	12.55	
22 11 16 00-1244	EA	1-1/4" x 3/4" Polypropylene, Heat Fusion Outlet	12.89	
22 11 16 00-1245	EA	1-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	13.12	
22 11 16 00-1246	EA	1-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	13.46	
22 11 16 00-1247	EA	2" x 1/2" Polypropylene, Heat Fusion Outlet	14.07	
22 11 16 00-1248	EA	2" x 3/4" Polypropylene, Heat Fusion Outlet	14.41	
22 11 16 00-1249	EA	2" x 1" Polypropylene, Heat Fusion Outlet	16.11	
22 11 16 00-1250	EA	2-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	15.02	
22 11 16 00-1251	EA	2-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	15.36	
22 11 16 00-1252	EA	2-1/2" x 1" Polypropylene, Heat Fusion Outlet	17.06	
22 11 16 00-1253	EA	2-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	17.85	
22 11 16 00-1254	EA	3" x 1/2" Polypropylene, Heat Fusion Outlet	15.97	
22 11 16 00-1255	EA	3" x 3/4" Polypropylene, Heat Fusion Outlet	16.31	
22 11 16 00-1256	EA	3" x 1" Polypropylene, Heat Fusion Outlet	18.01	
22 11 16 00-1257	EA	3" x 1-1/4" Polypropylene, Heat Fusion Outlet	18.80	
22 11 16 00-1258	EA	3-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	15.97	
22 11 16 00-1259	EA	3-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	17.26	
22 11 16 00-1260	EA	3-1/2" x 1" Polypropylene, Heat Fusion Outlet	18.96	
22 11 16 00-1261	EA	3-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	19.75	
22 11 16 00-1262	EA	3-1/2" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.37	
22 11 16 00-1263	EA	4" x 1/2" Polypropylene, Heat Fusion Outlet	17.87	
22 11 16 00-1264	EA	4" x 3/4" Polypropylene, Heat Fusion Outlet	18.21	
22 11 16 00-1265	EA	4" x 1" Polypropylene, Heat Fusion Outlet	19.91	
22 11 16 00-1266	EA	4" x 1-1/4" Polypropylene, Heat Fusion Outlet	20.70	
22 11 16 00-1267	EA	4" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.37	
22 11 16 00-1268	EA	4" x 2" Polypropylene, Heat Fusion Outlet	27.62	
22 11 16 00-1269		**Polypropylene Random (PP-R), Flange Adaptor With Gaskets Included** *(22 11 16 00-1078)*		
22 11 16 00-1270	EA	1" Polypropylene, Flange Adaptor With Gaskets Included	14.83	4.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1271	EA	1-1/4" Polypropylene, Flange Adaptor With Gaskets Included	16.47	5.09
22 11 16 00-1272	EA	1-1/2" Polypropylene, Flange Adaptor With Gaskets Included	21.26	5.71
22 11 16 00-1273	EA	2" Polypropylene, Flange Adaptor With Gaskets Included	22.75	5.82
22 11 16 00-1274	EA	2-1/2" Polypropylene, Flange Adaptor With Gaskets Included	31.36	7.92
22 11 16 00-1275	EA	3" Polypropylene, Flange Adaptor With Gaskets Included	49.91	9.16
22 11 16 00-1276	EA	3-1/2" Polypropylene, Flange Adaptor With Gaskets Included	67.52	10.23
22 11 16 00-1277	EA	4" Polypropylene, Flange Adaptor With Gaskets Included	142.46	11.31
22 11 16 00-1278		Polypropylene Random (PP-R), Flange Ring With ANSI Bolt Pattern *(22 11 16 00-1078)*		
22 11 16 00-1279	EA	1" Polypropylene, Flange Ring With ANSI Bolt Pattern	25.16	
22 11 16 00-1280	EA	1-1/4" Polypropylene, Flange Ring With ANSI Bolt Pattern	33.24	
22 11 16 00-1281	EA	1-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	41.48	
22 11 16 00-1282	EA	2" Polypropylene, Flange Ring With ANSI Bolt Pattern	49.29	
22 11 16 00-1283	EA	2-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	68.92	
22 11 16 00-1284	EA	3" Polypropylene, Flange Ring With ANSI Bolt Pattern	80.02	
22 11 16 00-1285	EA	3-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	99.12	
22 11 16 00-1286	EA	4" Polypropylene, Flange Ring With ANSI Bolt Pattern	120.04	
22 11 16 00-1287		Polypropylene Random (PP-R), Electrofusion Coupling *(22 11 16 00-1078)*		
22 11 16 00-1288	EA	1/2" Polypropylene, Electrofusion Coupling	54.88	7.58
22 11 16 00-1289	EA	3/4" Polypropylene, Electrofusion Coupling	57.22	7.98
22 11 16 00-1290	EA	1" Polypropylene, Electrofusion Coupling	65.24	9.50
22 11 16 00-1291	EA	1-1/4" Polypropylene, Electrofusion Coupling	67.44	10.23
22 11 16 00-1292	EA	1-1/2" Polypropylene, Electrofusion Coupling	73.40	11.36
22 11 16 00-1293	EA	2" Polypropylene, Electrofusion Coupling	96.64	11.59
22 11 16 00-1294	EA	2-1/2" Polypropylene, Electrofusion Coupling	118.85	15.88
22 11 16 00-1295	EA	3" Polypropylene, Electrofusion Coupling	147.75	18.32
22 11 16 00-1296	EA	3-1/2" Polypropylene, Electrofusion Coupling	198.72	20.47
22 11 16 00-1297	EA	4" Polypropylene, Electrofusion Coupling	243.82	22.62
22 11 16 00-1298		Polypropylene Random (PP-R), Heat Fusion, FIP Rear-Mount Back Plate Elbow *(22 11 16 00-1078)*		
22 11 16 00-1299	EA	1/2" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	29.63	10.41
22 11 16 00-1300	EA	3/4" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	34.80	10.80
22 11 16 00-1301		Polypropylene Random (PP-R), Heat Fusion, FIP Side-Mount Back Plate Elbow *(22 11 16 00-1078)*		
22 11 16 00-1302	EA	1/2" Polypropylene, Heat Fusion, FIP Side-Mount Back Plate Elbow	31.75	10.41
22 11 16 00-1303		Polypropylene Random (PP-R), Heat Fusion, ISO Plug For Pressure Test *(22 11 16 00-1078)*		
22 11 16 00-1304	EA	1/2" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	8.78	3.78
22 11 16 00-1305	EA	3/4" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	9.48	3.96
22 11 16 00-1306		Polypropylene Random (PP-R), Heat Fusion, Round FIP NPT Transition Piece *(22 11 16 00-1078)*		
22 11 16 00-1307	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	22.71	7.58
22 11 16 00-1308	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	25.11	7.58
22 11 16 00-1309	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	23.50	7.98
22 11 16 00-1310	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	25.90	7.98
22 11 16 00-1311	EA	1" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	29.95	9.50
22 11 16 00-1312		Polypropylene Random (PP-R), Heat Fusion, Hex FIP NPT Transition Piece *(22 11 16 00-1078)*		
22 11 16 00-1313	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	27.02	7.58
22 11 16 00-1314	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	29.05	7.58
22 11 16 00-1315	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	27.81	7.98
22 11 16 00-1316	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	29.84	7.98
22 11 16 00-1317	EA	1" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	35.01	9.50
22 11 16 00-1318	EA	1" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	51.51	9.50
22 11 16 00-1319	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	54.60	10.23
22 11 16 00-1320	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	71.83	10.23
22 11 16 00-1321	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	75.80	11.36
22 11 16 00-1322	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	82.30	11.36
22 11 16 00-1323	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	88.43	11.59
22 11 16 00-1324	EA	2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	115.41	11.59
22 11 16 00-1325	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	128.08	15.88
22 11 16 00-1326		Polypropylene Random (PP-R), Heat Fusion, Round MIP NPT Transition Piece *(22 11 16 00-1078)*		
22 11 16 00-1327	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	32.96	7.58
22 11 16 00-1328	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	35.50	7.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1329	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	33.75	7.98
22 11 16 00-1330	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	36.29	7.98
22 11 16 00-1331	EA	1" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	43.04	9.50
22 11 16 00-1332		Polypropylene Random (PP-R), Heat Fusion, Hex MIP NPT Transition Piece *(22 11 16 00-1078)*		
22 11 16 00-1333	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	28.21	7.58
22 11 16 00-1334	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	30.07	7.58
22 11 16 00-1335	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	30.86	7.98
22 11 16 00-1336	EA	1" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	44.02	9.50
22 11 16 00-1337	EA	1" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	61.12	9.50
22 11 16 00-1338	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	46.40	10.23
22 11 16 00-1339	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	65.27	10.23
22 11 16 00-1340	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	69.01	11.36
22 11 16 00-1341	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	79.76	11.36
22 11 16 00-1342	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	90.73	11.59
22 11 16 00-1343	EA	2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	102.18	11.59
22 11 16 00-1344	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	112.69	15.88
22 11 16 00-1345	EA	2-1/2" x 2-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	152.90	15.88
22 11 16 00-1346	EA	3" x 3" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	225.52	18.32
22 11 16 00-1347	EA	3-1/2" x 4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	428.16	20.47
22 11 16 00-1348		Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Elbow *(22 11 16 00-1078)*		
22 11 16 00-1349	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	28.36	7.58
22 11 16 00-1350	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	23.98	7.58
22 11 16 00-1351	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	29.15	7.98
22 11 16 00-1352	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	24.77	7.98
22 11 16 00-1353	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	33.63	9.50
22 11 16 00-1354	EA	1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	50.66	9.50
22 11 16 00-1355		Polypropylene Random (PP-R), Heat Fusion, Transition Male/Female x FIP NPT Street Elbow *(22 11 16 00-1078)*		
22 11 16 00-1356	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition Male/Female x FIP NPT Street Elbow	23.98	7.58
22 11 16 00-1357		Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Elbow *(22 11 16 00-1078)*		
22 11 16 00-1358	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	26.17	7.58
22 11 16 00-1359	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	27.59	7.58
22 11 16 00-1360	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	28.38	7.98
22 11 16 00-1361	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	35.25	9.50
22 11 16 00-1362	EA	1" x 1" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	47.90	9.50
22 11 16 00-1363		Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Tee *(22 11 16 00-1078)*		
22 11 16 00-1364	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	33.19	11.36
22 11 16 00-1365	EA	1/2" x 1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	36.65	11.36
22 11 16 00-1366	EA	3/4" x 3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	34.32	11.93
22 11 16 00-1367	EA	3/4" x 3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	37.78	11.93
22 11 16 00-1368	EA	1" x 1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	44.63	14.19
22 11 16 00-1369	EA	1" x 1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	60.18	14.19
22 11 16 00-1370	EA	1-1/2" x 1-1/2" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	69.95	17.07
22 11 16 00-1371		Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Tee *(22 11 16 00-1078)*		
22 11 16 00-1372	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Tee	35.52	11.36
22 11 16 00-1373		Polypropylene Random (PP-R), Heat Fusion, Transition PP-R x Brass Compression Fitting *(22 11 16 00-1078)*		
22 11 16 00-1374	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition PP-R x Brass Compression Fitting	24.33	3.78
22 11 16 00-1375		Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x FIP NPT *(22 11 16 00-1078)*		
22 11 16 00-1376	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	21.37	
22 11 16 00-1377	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	27.23	
22 11 16 00-1378	EA	1" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	37.37	
22 11 16 00-1379		Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x MIP NPT *(22 11 16 00-1078)*		
22 11 16 00-1380	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	24.76	
22 11 16 00-1381	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	33.51	
22 11 16 00-1382		Polypropylene Random (PP-R), Heat Fusion, PEX Adaptor *(22 11 16 00-1078)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1383	EA	1/2" Polypropylene, Heat Fusion, PEX Adaptor	17.40	3.78
22 11 16 00-1384	EA	3/4" Polypropylene, Heat Fusion, PEX Adaptor	25.82	3.96
22 11 16 00-1385	EA	1" Polypropylene, Heat Fusion, PEX Adaptor	33.76	4.75
22 11 16 00-1386		**Polypropylene Random (PP-R), Heat Fusion, FIP Stop Valve Body** *(22 11 16 00-1078)*		
22 11 16 00-1387	EA	1/2" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	24.20	8.32
22 11 16 00-1388	EA	3/4" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	25.10	8.77
22 11 16 00-1389	EA	1" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	35.28	10.41
22 11 16 00-1390	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, FIP Stop Valve Body	53.49	11.25
22 11 16 00-1391		**Polypropylene Random (PP-R), Heat Fusion, Inclined Check Valve** *(22 11 16 00-1078)*		
22 11 16 00-1392	EA	1/2" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	67.95	8.32
22 11 16 00-1393	EA	3/4" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	68.85	8.77
22 11 16 00-1394	EA	1" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	82.26	10.41
22 11 16 00-1395	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, Inclined Check Valve	134.15	11.25
22 11 16 00-1396		**Polypropylene Random (PP-R), Heat Fusion, Ball Valve** *(22 11 16 00-1078)*		
22 11 16 00-1397	EA	1/2" Diameter, Polypropylene, Heat Fusion, Ball Valve	62.92	8.32
22 11 16 00-1398	EA	3/4" Diameter, Polypropylene, Heat Fusion, Ball Valve	69.65	8.77
22 11 16 00-1399	EA	1" Diameter, Polypropylene, Heat Fusion, Ball Valve	84.44	10.41
22 11 16 00-1400	EA	1-1/4" Diameter, Polypropylene, Heat Fusion, Ball Valve	118.75	11.25
22 11 16 00-1401	EA	1-1/2" Diameter, Polypropylene, Heat Fusion, Ball Valve	172.09	12.50
22 11 16 00-1402	EA	2" Diameter, Polypropylene, Heat Fusion, Ball Valve	260.83	12.78
22 11 16 00-1403		**Extension For Ball Valve** *(22 11 16 00-1078)*		
22 11 16 00-1404	EA	Extension For 1/2" to 3/4" Diameter Ball Valve, 1-3/8" Length	32.08	
22 11 16 00-1405	EA	Extension For 1" to 1-1/4" Diameter Ball Valve, 1-3/8" Length	32.13	
22 11 16 00-1406	EA	Extension For 1-1/2" to 2" Diameter Ball Valve, 1-3/4" Length	35.11	
22 11 16 00-1407		**Polypropylene Random (PP-R), Heat Fusion, Draining Branch** *(22 11 16 00-1078)*		
22 11 16 00-1408	EA	1/2" Polypropylene, Heat Fusion, Draining Branch	31.00	7.58
22 11 16 00-1409	EA	3/4" Polypropylene, Heat Fusion, Draining Branch	31.79	7.98
22 11 16 00-1410	EA	1" Polypropylene, Heat Fusion, Draining Branch	36.53	9.50
22 11 16 00-1411	EA	1-1/4" Polypropylene, Heat Fusion, Draining Branch	38.00	10.23
22 11 16 00-1412	EA	1-1/2" Polypropylene, Heat Fusion, Draining Branch	41.72	11.36
22 11 16 00-1413	EA	2" Polypropylene, Heat Fusion, Draining Branch	44.71	11.59
22 11 16 00-1414		**Red Brass Pipe And Fittings** *(22 11 16)* Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1415		**Schedule 40 Red Brass Pipe** *(22 11 16 00-1414)*		
22 11 16 00-1416	LF	1/2" Diameter, Schedule 40 Red Brass Pipe	30.37	2.34
22 11 16 00-1417	LF	3/4" Diameter, Schedule 40 Red Brass Pipe	40.23	2.34
22 11 16 00-1418	LF	1" Diameter, Schedule 40 Red Brass Pipe	54.89	2.34
22 11 16 00-1419	LF	1-1/4" Diameter, Schedule 40 Red Brass Pipe	80.47	2.57
22 11 16 00-1420	LF	1-1/2" Diameter, Schedule 40 Red Brass Pipe	92.68	2.79
22 11 16 00-1421	LF	2" Diameter, Schedule 40 Red Brass Pipe	118.77	3.35
22 11 16 00-1422	LF	2-1/2" Diameter, Schedule 40 Red Brass Pipe	172.72	3.79
22 11 16 00-1423	LF	3" Diameter, Schedule 40 Red Brass Pipe	244.00	4.01
22 11 16 00-1424	LF	4" Diameter, Schedule 40 Red Brass Pipe	349.75	4.01
22 11 16 00-1425		**125 LB Cast Bronze, Screwed, 90 Degree Elbows** *(22 11 16 00-1414)*		
22 11 16 00-1426	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	64.91	27.75
22 11 16 00-1427	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	73.61	30.54
22 11 16 00-1428	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	92.59	36.11
22 11 16 00-1429	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	110.75	38.79
22 11 16 00-1430	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	124.15	41.58
22 11 16 00-1431	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	154.86	44.36
22 11 16 00-1432	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	263.66	55.50
22 11 16 00-1433	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	366.35	66.54
22 11 16 00-1434	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	649.67	88.72
22 11 16 00-1435		**125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows** *(22 11 16 00-1414)*		
22 11 16 00-1436	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	68.06	27.75
22 11 16 00-1437	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	78.19	30.54
22 11 16 00-1438	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	102.17	36.11
22 11 16 00-1439	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	123.32	38.79
22 11 16 00-1440	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	141.45	41.58
22 11 16 00-1441	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	192.63	44.36
22 11 16 00-1442	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	295.13	55.50
22 11 16 00-1443	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	463.08	66.54
22 11 16 00-1444	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	923.39	88.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1445		**125 LB Cast Bronze, Screwed, 45 Degree Elbows** *(22 11 16 00-1414)*		
22 11 16 00-1446	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	66.51	27.75
22 11 16 00-1447	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	76.74	30.54
22 11 16 00-1448	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	98.89	36.11
22 11 16 00-1449	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	120.19	38.79
22 11 16 00-1450	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	136.72	41.58
22 11 16 00-1451	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	175.31	44.36
22 11 16 00-1452	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	276.20	55.50
22 11 16 00-1453	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	387.83	66.54
22 11 16 00-1454	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	859.79	88.72
22 11 16 00-1455		**125 Lb. Cast Bronze, Screwed, Tees** *(22 11 16 00-1414)*		
22 11 16 00-1456	EA	1/2", 125 Lb., Cast Bronze, Screwed, Tee	94.24	41.58
22 11 16 00-1457	EA	3/4", 125 Lb., Cast Bronze, Screwed, Tee	106.69	45.48
22 11 16 00-1458	EA	1", 125 Lb., Cast Bronze, Screwed, Tee	135.97	53.84
22 11 16 00-1459	EA	1-1/4", 125 Lb., Cast Bronze, Screwed, Tee	165.29	58.29
22 11 16 00-1460	EA	1-1/2", 125 Lb., Cast Bronze, Screwed, Tee	179.36	62.08
22 11 16 00-1461	EA	2", 125 Lb., Cast Bronze, Screwed, Tee	224.42	66.54
22 11 16 00-1462	EA	2-1/2", 125 Lb., Cast Bronze, Screwed, Tee	374.18	83.25
22 11 16 00-1463	EA	3", 125 Lb., Cast Bronze, Screwed, Tee	517.31	99.86
22 11 16 00-1464	EA	4", 125 Lb., Cast Bronze, Screwed, Tee	1,053.22	133.08
22 11 16 00-1465		**125 Lb. Cast Bronze, Screwed, Reducing Tees** *(22 11 16 00-1414)*		
22 11 16 00-1466	EA	1/2", 125 Lb., Cast Bronze, Screwed, Reducing Tee	98.95	41.58
22 11 16 00-1467	EA	3/4", 125 Lb., Cast Bronze, Screwed, Reducing Tee	109.87	45.48
22 11 16 00-1468	EA	1", 125 Lb., Cast Bronze, Screwed, Reducing Tee	148.56	53.84
22 11 16 00-1469	EA	1-1/4", 125 Lb., Cast Bronze, Screwed, Reducing Tee	174.73	58.29
22 11 16 00-1470	EA	1-1/2", 125 Lb., Cast Bronze, Screwed, Reducing Tee	204.54	62.08
22 11 16 00-1471	EA	2", 125 Lb., Cast Bronze, Screwed, Reducing Tee	263.77	66.54
22 11 16 00-1472	EA	2-1/2", 125 Lb., Cast Bronze, Screwed, Reducing Tee	450.70	83.25
22 11 16 00-1473	EA	3", 125 Lb., Cast Bronze, Screwed, Reducing Tee	849.86	99.86
22 11 16 00-1474	EA	4", 125 Lb., Cast Bronze, Screwed, Reducing Tee	1,315.53	133.08
22 11 16 00-1475		**125 Lb. Cast Bronze, Screwed, Crosses** *(22 11 16 00-1414)*		
22 11 16 00-1476	EA	1/2", 125 Lb., Cast Bronze, Screwed, Cross	132.99	55.50
22 11 16 00-1477	EA	3/4", 125 Lb., Cast Bronze, Screwed, Cross	153.52	60.97
22 11 16 00-1478	EA	1", 125 Lb., Cast Bronze, Screwed, Cross	193.03	72.11
22 11 16 00-1479	EA	1-1/4", 125 Lb., Cast Bronze, Screwed, Cross	237.89	77.69
22 11 16 00-1480	EA	1-1/2", 125 Lb., Cast Bronze, Screwed, Cross	280.16	83.25
22 11 16 00-1481	EA	2", 125 Lb., Cast Bronze, Screwed, Cross	404.93	88.72
22 11 16 00-1482	EA	2-1/2", 125 Lb., Cast Bronze, Screwed, Cross	652.16	110.89
22 11 16 00-1483	EA	3", 125 Lb., Cast Bronze, Screwed, Cross	897.42	133.08
22 11 16 00-1484	EA	4", 125 Lb., Cast Bronze, Screwed, Cross	1,645.85	177.54
22 11 16 00-1485		**125 Lb. Cast Bronze, Screwed, Caps** *(22 11 16 00-1414)*		
22 11 16 00-1486	EA	1/2" 125 Lb. Cast Bronze, Screwed, Cap	31.24	16.49
22 11 16 00-1487	EA	3/4" 125 Lb. Cast Bronze, Screwed, Cap	35.35	18.17
22 11 16 00-1488	EA	1" 125 Lb. Cast Bronze, Screwed, Cap	46.73	21.39
22 11 16 00-1489	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Cap	60.12	23.07
22 11 16 00-1490	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Cap	70.52	24.74
22 11 16 00-1491	EA	2" 125 Lb. Cast Bronze, Screwed, Cap	96.60	26.42
22 11 16 00-1492	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Cap	153.78	32.99
22 11 16 00-1493	EA	3" 125 Lb. Cast Bronze, Screwed, Cap	220.49	39.57
22 11 16 00-1494	EA	4" 125 Lb. Cast Bronze, Screwed, Cap	386.10	52.71
22 11 16 00-1495		**125 Lb. Cast Bronze, Screwed, Couplings** *(22 11 16 00-1414)*		
22 11 16 00-1496	EA	1/2" 125 Lb. Cast Bronze, Screwed, Coupling	63.36	27.75
22 11 16 00-1497	EA	3/4" 125 Lb. Cast Bronze, Screwed, Coupling	72.06	30.54
22 11 16 00-1498	EA	1" 125 Lb. Cast Bronze, Screwed, Coupling	91.01	36.11
22 11 16 00-1499	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Coupling	109.15	38.79
22 11 16 00-1500	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Coupling	124.15	41.58
22 11 16 00-1501	EA	2" 125 Lb. Cast Bronze, Screwed, Coupling	156.44	44.36
22 11 16 00-1502	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Coupling	221.13	55.50
22 11 16 00-1503	EA	3" 125 Lb. Cast Bronze, Screwed, Coupling	285.85	66.54
22 11 16 00-1504	EA	4" 125 Lb. Cast Bronze, Screwed, Coupling	492.27	88.72
22 11 16 00-1505		**125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers** *(22 11 16 00-1414)*		
22 11 16 00-1506	EA	1/2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	55.92	22.18
22 11 16 00-1507	EA	3/4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	63.86	24.96
22 11 16 00-1508	EA	1" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	86.66	33.32
22 11 16 00-1509	EA	1-1/4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	103.50	36.11
22 11 16 00-1510	EA	1-1/2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	117.21	38.79
22 11 16 00-1511	EA	2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	141.70	41.58
22 11 16 00-1512	EA	2-1/2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	206.45	52.71
22 11 16 00-1513	EA	3" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	250.42	60.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1514	EA	4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	435.41	80.47
22 11 16 00-1515		**125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers** *(22 11 16 00-1414)*		
22 11 16 00-1516	EA	3/4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	57.22	22.18
22 11 16 00-1517	EA	1" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	103.30	30.54
22 11 16 00-1518	EA	1-1/4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	135.47	33.32
22 11 16 00-1519	EA	1-1/2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	158.60	36.11
22 11 16 00-1520	EA	2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	211.51	41.58
22 11 16 00-1521	EA	2-1/2" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	325.48	52.71
22 11 16 00-1522	EA	3" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	393.20	55.50
22 11 16 00-1523	EA	4" Diameter, 125 Lb. Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	446.46	72.11
22 11 16 00-1524		**125 Lb. Cast Bronze, FIP Threaded, Unions** *(22 11 16 00-1414)*		
22 11 16 00-1525	EA	1/2" 125 Lb. Cast Bronze, FIP Threaded, Union	69.56	22.18
		For 150 Lb., Add	*10.07*	
22 11 16 00-1526	EA	3/4" 125 Lb. Cast Bronze, FIP Threaded, Union	83.43	24.41
		For 150 Lb., Add	*13.85*	
22 11 16 00-1527	EA	1" 125 Lb. Cast Bronze, FIP Threaded, Union	103.35	28.86
		For 150 Lb., Add	*18.26*	
22 11 16 00-1528	EA	1-1/4" 125 Lb. Cast Bronze, FIP Threaded, Union	128.20	31.10
		For 150 Lb., Add	*26.43*	
22 11 16 00-1529	EA	1-1/2" 125 Lb. Cast Bronze, FIP Threaded, Union	145.29	33.32
		For 150 Lb., Add	*31.49*	
22 11 16 00-1530	EA	2" 125 Lb. Cast Bronze, FIP Threaded, Union	171.61	37.68
		For 150 Lb., Add	*38.47*	
22 11 16 00-1531	EA	2-1/2" 125 Lb. Cast Bronze, FIP Threaded, Union	296.35	55.73
		For 150 Lb., Add	*73.96*	
		For 250 Lb., Add	*157.17*	
		For 300 Lb., Add	*221.88*	
22 11 16 00-1532	EA	3" 125 Lb. Cast Bronze, FIP Threaded, Union	432.23	73.28
		For 150 Lb., Add	*114.27*	
		For 250 Lb., Add	*242.82*	
		For 300 Lb., Add	*342.80*	
22 11 16 00-1533	EA	4" 125 Lb. Cast Bronze, FIP Threaded, Union	792.52	81.14
		For 150 Lb., Add	*252.05*	
		For 250 Lb., Add	*535.61*	
		For 300 Lb., Add	*756.16*	
22 11 16 00-1534		**125 Lb. Cast Bronze, Screwed, Companion Flanges** *(22 11 16 00-1414)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-1535	EA	1/2" 125 Lb. Cast Bronze, Screwed, Companion Flange	195.00	27.75
22 11 16 00-1536	EA	3/4" 125 Lb. Cast Bronze, Screwed, Companion Flange	212.52	33.32
22 11 16 00-1537	EA	1" 125 Lb. Cast Bronze, Screwed, Companion Flange	243.62	38.79
22 11 16 00-1538	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Companion Flange	277.80	41.58
22 11 16 00-1539	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Companion Flange	329.11	44.36
22 11 16 00-1540	EA	2" 125 Lb. Cast Bronze, Screwed, Companion Flange	414.83	47.15
22 11 16 00-1541	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Companion Flange	523.02	55.50
22 11 16 00-1542	EA	3" 125 Lb. Cast Bronze, Screwed, Companion Flange	648.06	69.33
22 11 16 00-1543	EA	4" 125 Lb. Cast Bronze, Screwed, Companion Flange	923.86	97.08
22 11 16 00-1544		**125 Lb. Cast Bronze, Screwed, Square Head Plugs** *(22 11 16 00-1414)*		
22 11 16 00-1545	EA	1/2" 125 Lb. Cast Bronze, Screwed, Square Head Plug	19.16	
22 11 16 00-1546	EA	3/4" 125 Lb. Cast Bronze, Screwed, Square Head Plug	19.74	
22 11 16 00-1547	EA	1" 125 Lb. Cast Bronze, Screwed, Square Head Plug	30.43	
22 11 16 00-1548	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Square Head Plug	35.15	
22 11 16 00-1549	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Square Head Plug	40.03	
22 11 16 00-1550	EA	2" 125 Lb. Cast Bronze, Screwed, Square Head Plug	60.17	
22 11 16 00-1551	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Square Head Plug	91.12	
22 11 16 00-1552	EA	3" 125 Lb. Cast Bronze, Screwed, Square Head Plug	133.53	
22 11 16 00-1553	EA	4" 125 Lb. Cast Bronze, Screwed, Square Head Plug	226.46	
22 11 16 00-1554		**125 Lb. Cast Bronze, Screwed, Counter Sunk Plugs** *(22 11 16 00-1414)*		
22 11 16 00-1555	EA	1/2" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	7.89	
22 11 16 00-1556	EA	3/4" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	9.44	
22 11 16 00-1557	EA	1" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	14.19	
22 11 16 00-1558	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	22.05	
22 11 16 00-1559	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	34.92	
22 11 16 00-1560	EA	2" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	54.12	
22 11 16 00-1561	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	105.33	
22 11 16 00-1562	EA	3" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	170.59	
22 11 16 00-1563	EA	4" 125 Lb. Cast Bronze, Screwed, Counter Sunk Plug	416.06	
22 11 16 00-1564		**125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings** *(22 11 16 00-1414)*		
22 11 16 00-1565	EA	1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	6.28	
22 11 16 00-1566	EA	3/4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	7.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1567	EA	1" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	11.04	
22 11 16 00-1568	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	18.90	
22 11 16 00-1569	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	26.78	
22 11 16 00-1570	EA	2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	33.09	
22 11 16 00-1571	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	83.43	
22 11 16 00-1572	EA	3" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	122.81	
22 11 16 00-1573	EA	4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	268.99	
22 11 16 00-1574		125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings *(22 11 16 00-1414)*		
22 11 16 00-1575	EA	1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	11.04	
22 11 16 00-1576	EA	3/4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	15.72	
22 11 16 00-1577	EA	1" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	27.41	
22 11 16 00-1578	EA	1-1/4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	37.22	
22 11 16 00-1579	EA	1-1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	46.53	
22 11 16 00-1580	EA	2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	58.63	
22 11 16 00-1581	EA	2-1/2" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	119.70	
22 11 16 00-1582	EA	3" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	189.39	
22 11 16 00-1583	EA	4" 125 Lb. Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	397.98	
22 11 16 00-1584		1/2" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		
22 11 16 00-1585	EA	1/2" Diameter x Close, Red Brass Pipe Nipple	10.57	
22 11 16 00-1586	EA	1/2" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	12.37	
22 11 16 00-1587	EA	1/2" Diameter x 2" Long, Red Brass Pipe Nipple	15.15	
22 11 16 00-1588	EA	1/2" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	18.00	
22 11 16 00-1589	EA	1/2" Diameter x 3" Long, Red Brass Pipe Nipple	20.85	
22 11 16 00-1590	EA	1/2" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	24.61	
22 11 16 00-1591	EA	1/2" Diameter x 4" Long, Red Brass Pipe Nipple	27.60	
22 11 16 00-1592	EA	1/2" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	30.31	
22 11 16 00-1593	EA	1/2" Diameter x 5" Long, Red Brass Pipe Nipple	33.16	
22 11 16 00-1594	EA	1/2" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	36.29	
22 11 16 00-1595	EA	1/2" Diameter x 6" Long, Red Brass Pipe Nipple	39.07	
22 11 16 00-1596		3/4" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		
22 11 16 00-1597	EA	3/4" Diameter x Close, Red Brass Pipe Nipple	15.43	
22 11 16 00-1598	EA	3/4" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	16.27	
22 11 16 00-1599	EA	3/4" Diameter x 2" Long, Red Brass Pipe Nipple	19.67	
22 11 16 00-1600	EA	3/4" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	23.15	
22 11 16 00-1601	EA	3/4" Diameter x 3" Long, Red Brass Pipe Nipple	26.28	
22 11 16 00-1602	EA	3/4" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	30.17	
22 11 16 00-1603	EA	3/4" Diameter x 4" Long, Red Brass Pipe Nipple	33.92	
22 11 16 00-1604	EA	3/4" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	38.09	
22 11 16 00-1605	EA	3/4" Diameter x 5" Long, Red Brass Pipe Nipple	41.57	
22 11 16 00-1606	EA	3/4" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	47.89	
22 11 16 00-1607	EA	3/4" Diameter x 6" Long, Red Brass Pipe Nipple	50.33	
22 11 16 00-1608		1" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		
22 11 16 00-1609	EA	1" Diameter x Close, Red Brass Pipe Nipple	23.49	
22 11 16 00-1610	EA	1" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	25.85	
22 11 16 00-1611	EA	1" Diameter x 2" Long, Red Brass Pipe Nipple	28.22	
22 11 16 00-1612	EA	1" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	33.57	
22 11 16 00-1613	EA	1" Diameter x 3" Long, Red Brass Pipe Nipple	37.95	
22 11 16 00-1614	EA	1" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	44.70	
22 11 16 00-1615	EA	1" Diameter x 4" Long, Red Brass Pipe Nipple	50.05	
22 11 16 00-1616	EA	1" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	55.33	
22 11 16 00-1617	EA	1" Diameter x 5" Long, Red Brass Pipe Nipple	60.75	
22 11 16 00-1618	EA	1" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	66.45	
22 11 16 00-1619	EA	1" Diameter x 6" Long, Red Brass Pipe Nipple	71.74	
22 11 16 00-1620		1-1/4" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		
22 11 16 00-1621	EA	1-1/4" Diameter x Close, Red Brass Pipe Nipple	34.76	
22 11 16 00-1622	EA	1-1/4" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	37.04	
22 11 16 00-1623	EA	1-1/4" Diameter x 2" Long, Red Brass Pipe Nipple	39.83	
22 11 16 00-1624	EA	1-1/4" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	47.96	
22 11 16 00-1625	EA	1-1/4" Diameter x 3" Long, Red Brass Pipe Nipple	56.03	
22 11 16 00-1626	EA	1-1/4" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	65.76	
22 11 16 00-1627	EA	1-1/4" Diameter x 4" Long, Red Brass Pipe Nipple	73.82	
22 11 16 00-1628	EA	1-1/4" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	81.88	
22 11 16 00-1629	EA	1-1/4" Diameter x 5" Long, Red Brass Pipe Nipple	90.02	
22 11 16 00-1630	EA	1-1/4" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	98.50	
22 11 16 00-1631	EA	1-1/4" Diameter x 6" Long, Red Brass Pipe Nipple	106.56	
22 11 16 00-1632		1-1/2" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1633	EA	1-1/2" Diameter x Close, Red Brass Pipe Nipple	43.24	
22 11 16 00-1634	EA	1-1/2" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	45.12	
22 11 16 00-1635	EA	1-1/2" Diameter x 2" Long, Red Brass Pipe Nipple	46.99	
22 11 16 00-1636	EA	1-1/2" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	57.14	
22 11 16 00-1637	EA	1-1/2" Diameter x 3" Long, Red Brass Pipe Nipple	64.79	
22 11 16 00-1638	EA	1-1/2" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	76.18	
22 11 16 00-1639	EA	1-1/2" Diameter x 4" Long, Red Brass Pipe Nipple	85.78	
22 11 16 00-1640	EA	1-1/2" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	95.72	
22 11 16 00-1641	EA	1-1/2" Diameter x 5" Long, Red Brass Pipe Nipple	105.31	
22 11 16 00-1642	EA	1-1/2" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	114.69	
22 11 16 00-1643	EA	1-1/2" Diameter x 6" Long, Red Brass Pipe Nipple	124.08	
22 11 16 00-1644		2" Red Brass Pipe Nipples *(22 11 16 00-1414)*		
		Note: Threaded both ends.		
22 11 16 00-1645	EA	2" Diameter x Close, Red Brass Pipe Nipple	66.45	
22 11 16 00-1646	EA	2" Diameter x 1-1/2" Long, Red Brass Pipe Nipple	68.78	
22 11 16 00-1647	EA	2" Diameter x 2" Long, Red Brass Pipe Nipple	71.08	
22 11 16 00-1648	EA	2" Diameter x 2-1/2" Long, Red Brass Pipe Nipple	73.40	
22 11 16 00-1649	EA	2" Diameter x 3" Long, Red Brass Pipe Nipple	83.14	
22 11 16 00-1650	EA	2" Diameter x 3-1/2" Long, Red Brass Pipe Nipple	98.01	
22 11 16 00-1651	EA	2" Diameter x 4" Long, Red Brass Pipe Nipple	110.11	
22 11 16 00-1652	EA	2" Diameter x 4-1/2" Long, Red Brass Pipe Nipple	122.20	
22 11 16 00-1653	EA	2" Diameter x 5" Long, Red Brass Pipe Nipple	133.11	
22 11 16 00-1654	EA	2" Diameter x 5-1/2" Long, Red Brass Pipe Nipple	146.81	
22 11 16 00-1655	EA	2" Diameter x 6" Long, Red Brass Pipe Nipple	158.83	
22 11 16 00-1656		Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing And Fittings (Viega) *(22 11 16)*		
		Note: ASTM F876/F877 standards and listed to ANSI/NSF Standards 14 and 61		
22 11 16 00-1657		Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing *(22 11 16 00-1656)*		
22 11 16 00-1658	LF	1/2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	5.43	3.23
22 11 16 00-1659	LF	3/4" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	7.14	4.01
22 11 16 00-1660	LF	1" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	8.40	4.23
22 11 16 00-1661	LF	1-1/4" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	14.28	4.44
22 11 16 00-1662	LF	1-1/2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	15.51	4.68
22 11 16 00-1663	LF	2" Diameter, Cross-Linked Polyethylene (PEX, XPE or XLPE) Tubing	24.09	5.57
22 11 16 00-1664		Cross-Linked Polyethylene (PEX, XPE or XLPE) Fittings *(22 11 16 00-1656)*		
22 11 16 00-1665		Male Adapters *(22 11 16 00-1664)*		
22 11 16 00-1666	EA	1/2" Diameter, Male Adapter, Bronze Press Fitting	21.98	12.04
22 11 16 00-1667	EA	3/4" Diameter, Male Adapter, Bronze Press Fitting	31.22	15.94
22 11 16 00-1668	EA	1" Diameter, Male Adapter, Bronze Press Fitting	42.05	19.84
22 11 16 00-1669	EA	1-1/4" Diameter, Male Adapter, Bronze Press Fitting	71.56	25.69
22 11 16 00-1670	EA	1-1/2" Diameter, Male Adapter, Bronze Press Fitting	81.06	31.65
22 11 16 00-1671	EA	2" Diameter, Male Adapter, Bronze Press Fitting	106.93	40.23
22 11 16 00-1672		Female Adapters *(22 11 16 00-1664)*		
22 11 16 00-1673	EA	1/2" Diameter, Female Adapter, Bronze Press Fitting	24.65	12.04
22 11 16 00-1674	EA	3/4" Diameter, Female Adapter, Bronze Press Fitting	31.90	15.94
22 11 16 00-1675	EA	1" Diameter, Female Adapter, Bronze Press Fitting	47.48	19.84
22 11 16 00-1676		Tees *(22 11 16 00-1664)*		
22 11 16 00-1677	EA	1/2" Diameter, Tee, Bronze Press Fitting	37.16	19.84
22 11 16 00-1678	EA	5/8" Diameter, Tee, Bronze Press Fitting	44.66	23.96
22 11 16 00-1679	EA	3/4" Diameter, Tee, Bronze Press Fitting	46.19	23.96
22 11 16 00-1680	EA	1" Diameter, Tee, Bronze Press Fitting	71.31	31.65
22 11 16 00-1681	EA	1-1/4" Diameter, Tee, Bronze Press Fitting	113.95	39.77
22 11 16 00-1682	EA	1-1/2" Diameter, Tee, Bronze Press Fitting	137.09	47.92
22 11 16 00-1683	EA	2" Diameter, Tee, Bronze Press Fitting	179.66	59.52
22 11 16 00-1684	EA	3/4" x 1/2" Diameter, Reducing Tee, Bronze Press Fitting	46.19	23.96
22 11 16 00-1685	EA	1" x 3/4" Diameter, Reducing Tee, Bronze Press Fitting	65.50	31.65
22 11 16 00-1686	EA	1-1/4" x 1" Diameter, Reducing Tee, Bronze Press Fitting	105.46	39.77
22 11 16 00-1687	EA	1-1/2" x 1" Diameter, Reducing Tee, Bronze Press Fitting	128.22	47.92
22 11 16 00-1688	EA	1-1/2" x 1-1/4" Diameter, Reducing Tee, Bronze Press Fitting	135.37	47.92
22 11 16 00-1689	EA	2" x 1-1/2" Diameter, Reducing Tee, Bronze Press Fitting	168.68	59.52
22 11 16 00-1690		Couplings *(22 11 16 00-1664)*		
22 11 16 00-1691	EA	1/2" Diameter, Coupling, Bronze Press Fitting	22.09	12.04
22 11 16 00-1692	EA	5/8" Diameter, Coupling, Bronze Press Fitting	31.22	15.94
22 11 16 00-1693	EA	3/4" Diameter, Coupling, Bronze Press Fitting	30.76	15.94
22 11 16 00-1694	EA	1" Diameter, Coupling, Bronze Press Fitting	42.82	19.84
22 11 16 00-1695	EA	1-1/4" Diameter, Coupling, Bronze Press Fitting	70.22	25.69
22 11 16 00-1696	EA	1-1/2" Diameter, Coupling, Bronze Press Fitting	91.96	31.65
22 11 16 00-1697	EA	2" Diameter, Coupling, Bronze Press Fitting	122.05	40.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1698	EA	3/4" x 1/2" Diameter, Reducing Coupling, Bronze Press Fitting	34.20	15.94
22 11 16 00-1699	EA	1" x 3/4" Diameter, Reducing Coupling, Bronze Press Fitting	42.43	19.84
22 11 16 00-1700	EA	1-1/4" x 1" Diameter, Reducing Coupling, Bronze Press Fitting	64.56	25.69
22 11 16 00-1701	EA	1-1/2" x 1" Diameter, Reducing Coupling, Bronze Press Fitting	83.28	31.65
22 11 16 00-1702	EA	1-1/2" x 1-1/4" Diameter, Reducing Coupling, Bronze Press Fitting	86.60	31.65
22 11 16 00-1703	EA	2" x 1-1/2" Diameter, Reducing Coupling, Bronze Press Fitting	114.61	40.23
22 11 16 00-1704		90 Degree Elbows *(22 11 16 00-1664)*		
22 11 16 00-1705	EA	1/2" Diameter, 90 Degree Elbow, Bronze Press Fitting	23.89	11.93
22 11 16 00-1706	EA	5/8" Diameter, 90 Degree Elbow, Bronze Press Fitting	31.22	15.94
22 11 16 00-1707	EA	3/4" Diameter, 90 Degree Elbow, Bronze Press Fitting	32.55	15.94
22 11 16 00-1708	EA	1" Diameter, 90 Degree Elbow, Bronze Press Fitting	49.97	19.84
22 11 16 00-1709	EA	1-1/4" Diameter, 90 Degree Elbow, Bronze Press Fitting	80.35	25.69
22 11 16 00-1710	EA	1-1/2" Diameter, 90 Degree Elbow, Bronze Press Fitting	100.86	31.65
22 11 16 00-1711	EA	2" Diameter, 90 Degree Elbow, Bronze Press Fitting	134.42	40.23

22 11 19 Domestic Water Piping Specialties *(22 11)*

See CSI section 23 21 16 00-0000 for additional piping specialties.

22 11 19 00-0001		Rubber Hose And Clamps *(22 11 19)*		
22 11 19 00-0002		General Purpose Hose *(22 11 19 00-0001)*		
		Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0003	LF	3/8" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.06	2.41
22 11 19 00-0004	LF	1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	9.50	2.41
22 11 19 00-0005	LF	5/8" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.66	2.41
22 11 19 00-0006	LF	3/4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.77	2.41
22 11 19 00-0007	LF	1" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	16.13	3.60
22 11 19 00-0008	LF	1-1/4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	26.86	3.60
22 11 19 00-0009	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	29.19	4.81
22 11 19 00-0010	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	56.26	4.81
22 11 19 00-0011		Reinfored EPDM Water Hose Assembly *(22 11 19 00-0001)*		
		Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	74.83	4.81
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	88.34	4.81
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	124.21	5.92
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	174.57	8.00
22 11 19 00-0016		Chemical Resistant Rubber Hoses *(22 11 19 00-0001)*		
22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,354.06	300.46
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,847.51	300.46
22 11 19 00-0019		Water Pump Hose *(22 11 19 00-0001)*		
22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	633.18	73.47
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	670.79	73.47
22 11 19 00-0022		Barbed Hose x Threaded Male Pipe, Steel Coupling *(22 11 19 00-0001)*		
22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	30.14	10.10
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	31.98	10.82
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	34.24	11.54
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	38.91	12.99
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	46.56	15.87
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	55.15	19.00
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	71.04	25.01
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	89.44	31.27
22 11 19 00-0031		Worm-Drive Hose Clamp *(22 11 19 00-0001)*		
22 11 19 00-0032	EA	3/8" To 1" Diameter, Worm Drive Hose Clamp	12.70	3.60
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter, Worm Drive Hose Clamp	13.44	3.60
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter, Worm Drive Hose Clamp	14.21	3.60
22 11 19 00-0035	EA	3/4" To 2" Diameter, Worm Drive Hose Clamp	15.13	3.60
22 11 19 00-0036	EA	1" To 2-1/2" Diameter, Worm Drive Hose Clamp	16.17	3.60
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter, Worm Drive Hose Clamp	17.52	4.81
22 11 19 00-0038	EA	1-1/2" To 3" Diameter, Worm Drive Hose Clamp	18.91	4.81
22 11 19 00-0039		Trap Primer And Accessories *(22 11 19)*		
22 11 19 00-0040		Trap Primer *(22 11 19 00-0039)*		
22 11 19 00-0041	EA	1/2" Diameter Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	340.63	18.15
22 11 19 00-0042	EA	1/2" Diameter Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	208.49	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0043	EA	1/2" Diameter Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	201.76	12.10
22 11 19 00-0044		**Trap Primer Distribution Unit** *(22 11 19 00-0039)*		
22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	169.01	24.20
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	187.14	24.20
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	272.63	32.55
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	415.25	37.03
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	555.04	39.20
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	699.01	45.98
22 11 19 00-0052		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0053		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0054	EA	2" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	980.13	44.19
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0055	EA	3" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,204.00	73.86
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0056	EA	4" x 1/2" Diameter NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,526.74	93.23
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0057		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0058	EA	2" x 1" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	1,001.37	44.19
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0059	EA	2" x 2" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,962.11	44.19
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0060	EA	3" x 2" Diameter NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	2,355.84	73.86
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0061	EA	4" x 4" Diameter NPT, With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	3,488.05	93.23
22 11 19 00-0062		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0063	EA	2" x 1" Diameter NPT, Sewage Combination Air Valve (Apco 443)	2,137.28	44.19
22 11 19 00-0064	EA	2" x 2" Diameter NPT, Sewage Combination Air Valve (Apco 445)	2,946.75	44.19
22 11 19 00-0065	EA	3" x 3" Diameter NPT, Sewage Combination Air Valve (Apco 447)	3,449.29	73.86
22 11 19 00-0066	EA	4" x 4" Diameter NPT, Sewage Combination Air Valve (Apco 449)	4,217.90	93.23
22 11 19 00-0067		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)* Note: Watts 288A		
22 11 19 00-0068	EA	1/2" Brass, Anti Siphon Vacuum Breaker	117.90	30.26
22 11 19 00-0069	EA	3/4" Brass, Anti Siphon Vacuum Breaker	135.76	33.88
22 11 19 00-0070	EA	1" Brass, Anti Siphon Vacuum Breaker	285.96	38.72
22 11 19 00-0071	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	459.14	44.77
22 11 19 00-0072	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	548.71	49.62
22 11 19 00-0073	EA	2" Brass, Anti Siphon Vacuum Breaker	806.42	60.50
22 11 19 00-0074	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	2,135.62	75.63
22 11 19 00-0075		**Polyvinyl Chloride (PVC) Vacuum Breakers** *(22 11 19)* Note: 100 psi maximum, 140 degree F maximum.		
22 11 19 00-0076	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Vacuum Breaker With Vitron Seal (Plast-O-Matic VBM050V-PV)	372.53	30.26
22 11 19 00-0077	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Vacuum Breaker With Vitron Seal (Plast-O-Matic VBM075V-PV)	407.24	33.88
22 11 19 00-0078	EA	1" Diameter, Polyvinyl Chloride (PVC) Vacuum Breaker With Vitron Seal (Plast-O-Matic VBM100V-PV)	448.90	38.11
22 11 19 00-0079		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)* Note: Watts 800M4QT		
22 11 19 00-0080	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	361.03	30.26
22 11 19 00-0081	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	313.82	33.88
22 11 19 00-0082	EA	1" Anti Siphon Pressure Type Vacuum Breaker	451.33	38.72
22 11 19 00-0083	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	822.96	44.77
22 11 19 00-0084	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	1,002.74	49.62
22 11 19 00-0085	EA	2" Anti Siphon Pressure Type Vacuum Breaker	1,009.80	60.50
22 11 19 00-0086		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0087	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	276.44	14.47
22 11 19 00-0088	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	539.51	17.51
22 11 19 00-0089	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	788.35	17.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0090	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,924.39	17.51
22 11 19 00-0091	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,161.40	17.51
22 11 19 00-0092	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,648.70	17.51
22 11 19 00-0093		Piston Type Water Hammer Arrestors *(22 11 19)*		
22 11 19 00-0094		Threaded Piston Type Water Hammer Arrestors *(22 11 19 00-0093)*		
22 11 19 00-0095	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	202.02	8.07
22 11 19 00-0096	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	390.39	9.30
22 11 19 00-0097	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	581.60	10.08
22 11 19 00-0098	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,435.26	13.01
22 11 19 00-0099	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,747.97	16.14
22 11 19 00-0100	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,989.38	17.51
22 11 19 00-0101		Escutcheons *(22 11 19)*		
22 11 19 00-0102		Brass Escutcheons *(22 11 19 00-0101)*		
22 11 19 00-0103		Shallow Brass Escutcheons *(22 11 19 00-0102)*		
22 11 19 00-0104	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	13.62	3.03
22 11 19 00-0105	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	14.67	3.03
22 11 19 00-0106		Deep Bell Brass Escutcheons *(22 11 19 00-0102)*		
22 11 19 00-0107	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	16.04	3.39
22 11 19 00-0108	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	16.08	3.39
22 11 19 00-0109		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0102)*		
22 11 19 00-0110	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.73	3.03
22 11 19 00-0111	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.98	3.03
22 11 19 00-0112	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.35	3.03
22 11 19 00-0113	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.71	3.03
22 11 19 00-0114	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.09	3.63
22 11 19 00-0115	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	27.42	3.63
22 11 19 00-0116	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.40	3.99
22 11 19 00-0117	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	29.68	4.23
22 11 19 00-0118	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	42.74	4.84
22 11 19 00-0119		Plastic Escutcheons *(22 11 19 00-0101)*		
22 11 19 00-0120		Split-Ring White Plastic Escutcheons *(22 11 19 00-0119)*		
22 11 19 00-0121	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	7.51	3.01
22 11 19 00-0122	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	7.51	3.01
22 11 19 00-0123	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	8.81	3.37
22 11 19 00-0124	EA	1" IPS, Split-Ring White Plastic Escutcheon	9.55	3.60
22 11 19 00-0125	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	10.28	3.96
22 11 19 00-0126	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	10.96	4.21
22 11 19 00-0127	EA	2" IPS, Split-Ring White Plastic Escutcheon	12.35	4.81
22 11 19 00-0128	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	16.09	5.17
22 11 19 00-0129	EA	3" IPS, Split-Ring White Plastic Escutcheon	19.83	5.41
22 11 19 00-0130	EA	4" IPS, Split-Ring White Plastic Escutcheon	24.17	6.01
22 11 19 00-0131		Chrome Plate Plastic Escutcheons *(22 11 19 00-0119)*		
22 11 19 00-0132	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	10.08	3.01
22 11 19 00-0133	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	11.01	3.37
22 11 19 00-0134	EA	1" IPS, Chrome Plate Plastic Escutcheon	12.39	3.60
22 11 19 00-0135	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	13.76	3.96
22 11 19 00-0136	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	14.46	4.21
22 11 19 00-0137	EA	2" IPS, Chrome Plate Plastic Escutcheon	18.31	4.81
22 11 19 00-0138	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	26.83	5.17
22 11 19 00-0139	EA	3" IPS, Chrome Plate Plastic Escutcheon	27.76	5.41
22 11 19 00-0140	EA	4" IPS, Chrome Plate Plastic Escutcheon	29.63	6.01
22 11 19 00-0141		Stainless Steel Escutcheons *(22 11 19 00-0101)*		
22 11 19 00-0142		Shallow Stainless Steel Escutcheons *(22 11 19 00-0141)*		
22 11 19 00-0143	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	19.19	3.03
22 11 19 00-0144	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	19.19	3.03
22 11 19 00-0145	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	27.41	3.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0146		Chrome Plated Steel Escutcheons *(22 11 19 00-0101)*		
22 11 19 00-0147		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0146)*		
22 11 19 00-0148	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.78	3.01
22 11 19 00-0149	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.38	3.37
22 11 19 00-0150	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.14	3.60
22 11 19 00-0151	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.74	3.96
22 11 19 00-0152	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.33	4.21
22 11 19 00-0153	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.77	4.81
22 11 19 00-0154	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.56	5.17
22 11 19 00-0155	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.58	5.41
22 11 19 00-0156	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	21.80	5.78
22 11 19 00-0157	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	19.17	6.01
22 11 19 00-0158	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	24.88	6.61
22 11 19 00-0159	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	29.11	7.22
22 11 19 00-0160		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0146)*		
22 11 19 00-0161	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.13	3.01
22 11 19 00-0162	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.13	3.01
22 11 19 00-0163	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.89	3.37
22 11 19 00-0164	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.70	3.60
22 11 19 00-0165	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.24	3.96
22 11 19 00-0166	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	15.04	4.21
22 11 19 00-0167	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.87	4.81
22 11 19 00-0168	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	20.62	5.17
22 11 19 00-0169	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	25.32	5.41
22 11 19 00-0170	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.26	5.78
22 11 19 00-0171	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.71	6.01
22 11 19 00-0172	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	52.84	6.61
22 11 19 00-0173	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	55.13	7.22
22 11 19 00-0174		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0146)*		
22 11 19 00-0175	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.36	3.39
22 11 19 00-0176	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.24	3.39
22 11 19 00-0177	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.97	3.39
22 11 19 00-0178	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.88	3.63
22 11 19 00-0179	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.65	3.99
22 11 19 00-0180	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	10.62	4.23
22 11 19 00-0181		Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0146)*		
22 11 19 00-0182	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	7.46	3.03
22 11 19 00-0183	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	7.46	3.03
22 11 19 00-0184	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.59	3.03
22 11 19 00-0185	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	8.12	3.63
22 11 19 00-0186	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	8.79	3.99
22 11 19 00-0187	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	9.75	4.23
22 11 19 00-0188	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	11.06	4.84
22 11 19 00-0189		Wall Hydrants *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0190		Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0189)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	579.21	30.26
		For Cast Bronze Box, Add	*27.73*	
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0192	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	615.72	36.31
		For Cast Bronze Box, Add	*27.73*	
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0193	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	640.50	43.69
		For Cast Bronze Box, Add	*27.73*	
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0194		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0189)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0195	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	618.63	50.83
		For Cast Bronze Box, Add	*27.73*	
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0196		Cast Bronze Non-Freezing Wall Hydrant *(22 11 19 00-0189)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0197	EA	3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	349.01	37.51
		For 1" NPT Outlet, Add	*65.35*	

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22 11 19 00-0198	EA	4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	419.21	37.51
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0199	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	419.21	37.51
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0200	EA	8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	419.21	37.51
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0201	EA	10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	435.55	75.63
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0202	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	435.55	75.63
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0203	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	484.42	75.63
		For 1" NPT Outlet, Add	*65.35*	
22 11 19 00-0204		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0189)*		
		Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0205	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	306.80	30.26
22 11 19 00-0206	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	331.29	30.26
22 11 19 00-0207	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	334.63	30.26
22 11 19 00-0208	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	371.37	30.26
22 11 19 00-0209	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	515.12	42.36
22 11 19 00-0210	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	529.59	42.36
22 11 19 00-0211	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	529.59	42.36
22 11 19 00-0212	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	564.10	42.36
22 11 19 00-0213		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0214		**Dryer Vent Kit** *(22 11 19 00-0213)*		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0215	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	84.64	15.73
22 11 19 00-0216		**Washer Boxes And Dryer Vents** *(22 11 19 00-0213)*		
		Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0217	EA	2" Diameter Washing Machine Outlet Box, Plastic, Two 1/2" Diameter Supply Valves	297.62	24.20
22 11 19 00-0218		**Ice Maker Outlet Box** *(22 11 19)*		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0219	EA	Plastic Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve, Wall Mount	159.27	24.20
22 11 19 00-0220	EA	Plastic Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	162.31	24.20
22 11 19 00-0221	EA	Steel Ice Maker Outlet Box, 1/2" Diameter Quarter Turn Ball Valve, Wall Mount	241.52	24.20
22 11 19 00-0222		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0223		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0222)*		
		Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0224	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	591.67	29.30
22 11 19 00-0225	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	146.55	29.30
22 11 19 00-0226	EA	1/2" Diameter Inlets, 1/2" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	332.51	29.30
22 11 19 00-0227	EA	3/4" Diameter Inlets, 3/4" Diameter Outlet, Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	379.70	39.47
22 11 19 00-0228		**Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0222)*		
		Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0229	EA	3/4" Diameter Inlets, 3/4" Diameter Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,619.75	42.26
22 11 19 00-0230	EA	3/4" Diameter Inlets, 1" Diameter Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,816.46	52.05
22 11 19 00-0231	EA	1" Diameter Inlets, 1-1/4" Diameter Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,184.46	60.54
22 11 19 00-0232	EA	1-1/4" Diameter Inlets, 1-1/2" Diameter Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,836.87	63.63
22 11 19 00-0233	EA	2" Diameter Inlets, 2" Diameter Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,809.65	82.55
22 11 19 00-0234		**High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0222)*		
		Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0235	EA	3/4" Diameter Inlets, 1" Diameter Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	4,144.07	65.08
22 11 19 00-0236	EA	1" Diameter Inlets, 1-1/4" Diameter Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,396.86	75.68
22 11 19 00-0237	EA	1-1/4" Diameter Inlets, 1-1/2" Diameter Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	6,297.11	79.54
22 11 19 00-0238	EA	2" Diameter Inlets, 2" Diameter Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,971.02	103.19

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22 11 19 00-0239		**Thermostatic Mixing Valves (Leonard)** *(22 11 19 00-0222)* Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0240	EA	3/4" Diameter In x 3/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,172.26	42.26
22 11 19 00-0241	EA	1" Diameter In x 1-1/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,379.38	52.04
22 11 19 00-0242	EA	1-1/4" Diameter In x 1-1/4" Diameter Out, Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	1,696.43	60.54
22 11 19 00-0243	EA	1-1/4" Diameter In x 1-1/2" Diameter Out, Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	2,077.69	63.65
22 11 19 00-0244	EA	2" Diameter In x 2" Diameter Out, Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	3,090.77	82.55
22 11 19 00-0245		**Water Mixing/Self Operating Temperature Regulator** *(22 11 19 00-0222)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0246	EA	3/4" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,408.80	60.50
22 11 19 00-0247	EA	1" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,608.00	76.24
22 11 19 00-0248	EA	1-1/4" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,971.23	91.96
22 11 19 00-0249	EA	1-1/2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,369.07	107.70
22 11 19 00-0250	EA	2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,200.28	141.58
22 11 19 00-0251	EA	2-1/2" Diameter Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	6,146.56	161.50
22 11 19 00-0252		**Thermostatic Mixing Valves (Holby)** *(22 11 19 00-0222)*		
22 11 19 00-0253	EA	2-1/2" Diameter, Thermostatic Mixing Valve (Holby HOLBY2500)	5,525.08	82.58
22 11 19 00-0254		**Backflow Preventer Valves** *(22 11 19)*		
22 11 19 00-0255		**Double Check Valve Backflow Preventer Assemblies** *(22 11 19 00-0254)*		
22 11 19 00-0256		**Threaded Double Check Valve Assemblies** *(22 11 19 00-0255)*		
22 11 19 00-0257		**Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0256)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0258	EA	1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	496.17	32.43
		For Work In Restricted Working Space, Add	*24.32*	
		For Owner Furnished Material, Deduct	*-415.09*	
22 11 19 00-0259	EA	3/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	583.56	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-468.60*	
22 11 19 00-0260	EA	1" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	672.04	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-531.67*	
22 11 19 00-0261	EA	1-1/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	944.46	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-781.10*	
22 11 19 00-0262	EA	1-1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,171.28	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-984.92*	
22 11 19 00-0263	EA	2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,346.24	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-1,104.22*	
22 11 19 00-0264		**Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0256)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0265	EA	1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	614.95	32.43
		For Work In Restricted Working Space, Add	*24.32*	
		For Owner Furnished Material, Deduct	*-533.87*	
22 11 19 00-0266	EA	3/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	757.52	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-642.56*	
22 11 19 00-0267	EA	1" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	885.31	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-744.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0268	EA	1-1/4" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,248.34	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-1,084.98*	
22 11 19 00-0269	EA	1-1/2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,529.19	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-1,342.83*	
22 11 19 00-0270	EA	2" Diameter, Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,840.38	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-1,598.36*	

22 11 19 00-0271 Flanged Double Check Valve Assemblies *(22 11 19 00-0255)*

22 11 19 00-0272 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).

22 11 19 00-0273	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,781.24	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-6,424.58*	
22 11 19 00-0274	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	7,450.53	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-7,054.86*	

22 11 19 00-0275 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).

22 11 19 00-0276	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	7,434.26	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-7,077.60*	
22 11 19 00-0277	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	8,538.89	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-8,143.22*	

22 11 19 00-0278 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).

22 11 19 00-0279	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,828.33	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-6,471.69*	
22 11 19 00-0280	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	5,193.16	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-4,797.48*	
22 11 19 00-0281	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	8,133.04	445.82
		For Work In Restricted Working Space, Add	*178.23*	
		For Owner Furnished Material, Deduct	*-7,538.93*	
22 11 19 00-0282	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	12,370.28	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-11,141.06*	
22 11 19 00-0283	EA	8" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	28,338.10	1,020.69
		For Work In Restricted Working Space, Add	*553.24*	
		For Owner Furnished Material, Deduct	*-26,493.97*	
22 11 19 00-0284	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	36,411.42	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-34,216.38*	

22 11 19 00-0285 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).

22 11 19 00-0286	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	9,512.12	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-8,918.07*	
22 11 19 00-0287	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	15,836.00	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-14,606.78*	
22 11 19 00-0288	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	42,323.95	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-40,128.91*	

22 11 19 00-0289 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0290	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	7,255.55	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-6,898.91*	
22 11 19 00-0291	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	7,971.96	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-7,576.29*	
22 11 19 00-0292	EA	4" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	8,633.30	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-8,039.25*	
22 11 19 00-0293	EA	6" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	14,497.48	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-13,268.26*	
22 11 19 00-0294	EA	8" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	30,104.41	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-28,260.57*	
22 11 19 00-0295	EA	10" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	38,690.85	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-36,495.81*	

22 11 19 00-0296 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0297	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,304.14	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-3,947.50*	
22 11 19 00-0298	EA	3" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,738.15	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-4,342.48*	
22 11 19 00-0299	EA	4" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	5,331.51	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-4,737.46*	
22 11 19 00-0300	EA	6" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	8,636.90	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-7,407.68*	
22 11 19 00-0301	EA	8" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	16,489.45	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-14,645.61*	
22 11 19 00-0302	EA	10" Diameter, Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	17,866.88	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-15,671.84*	

22 11 19 00-0303 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0271)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0304	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,704.80	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-5,348.16*	
22 11 19 00-0305	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	6,138.81	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-5,743.14*	
22 11 19 00-0306	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	7,672.05	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-7,078.00*	
22 11 19 00-0307	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	12,555.08	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-11,325.86*	
22 11 19 00-0308	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	22,296.59	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-20,452.75*	
22 11 19 00-0309	EA	10" Diameter, N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	26,532.59	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-24,337.55*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0310			**Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves** *(22 11 19 00-0271)*		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
	22 11 19 00-0311	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,025.56	267.49
			For Work In Restricted Working Space, Add	*106.99*	
			For Owner Furnished Material, Deduct	*-3,668.92*	
	22 11 19 00-0312	EA	3" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,472.23	300.93
			For Work In Restricted Working Space, Add	*118.70*	
			For Owner Furnished Material, Deduct	*-4,076.56*	
	22 11 19 00-0313	EA	4" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	5,078.10	445.82
			For Work In Restricted Working Space, Add	*178.22*	
			For Owner Furnished Material, Deduct	*-4,484.05*	
	22 11 19 00-0314	EA	6" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	8,437.83	680.47
			For Work In Restricted Working Space, Add	*368.77*	
			For Owner Furnished Material, Deduct	*-7,208.61*	
	22 11 19 00-0315	EA	8" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	16,297.60	1,020.69
			For Work In Restricted Working Space, Add	*553.15*	
			For Owner Furnished Material, Deduct	*-14,453.76*	
	22 11 19 00-0316	EA	10" Diameter, Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	18,402.53	1,207.27
			For Work In Restricted Working Space, Add	*658.51*	
			For Owner Furnished Material, Deduct	*-16,207.49*	
22 11 19 00-0317			**N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0271)*		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
	22 11 19 00-0318	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,308.77	267.49
			For Work In Restricted Working Space, Add	*106.99*	
			For Owner Furnished Material, Deduct	*-4,952.13*	
	22 11 19 00-0319	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,742.77	300.93
			For Work In Restricted Working Space, Add	*118.70*	
			For Owner Furnished Material, Deduct	*-5,347.10*	
	22 11 19 00-0320	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	7,276.51	445.82
			For Work In Restricted Working Space, Add	*178.22*	
			For Owner Furnished Material, Deduct	*-6,682.46*	
	22 11 19 00-0321	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	12,133.79	680.47
			For Work In Restricted Working Space, Add	*368.77*	
			For Owner Furnished Material, Deduct	*-10,904.57*	
	22 11 19 00-0322	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	21,658.92	1,020.69
			For Work In Restricted Working Space, Add	*553.15*	
			For Owner Furnished Material, Deduct	*-19,815.08*	
	22 11 19 00-0323	EA	10" Diameter, Diameter, N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	25,893.05	1,207.27
			For Work In Restricted Working Space, Add	*658.51*	
			For Owner Furnished Material, Deduct	*-23,698.01*	
22 11 19 00-0324			**Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0271)*		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
	22 11 19 00-0325	EA	2-1/2" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,684.42	267.49
			For Work In Restricted Working Space, Add	*106.99*	
			For Owner Furnished Material, Deduct	*-4,327.78*	
	22 11 19 00-0326	EA	3" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,118.43	300.93
			For Work In Restricted Working Space, Add	*118.70*	
			For Owner Furnished Material, Deduct	*-4,722.76*	
	22 11 19 00-0327	EA	4" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,711.79	445.82
			For Work In Restricted Working Space, Add	*178.22*	
			For Owner Furnished Material, Deduct	*-5,117.74*	
	22 11 19 00-0328	EA	6" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,026.76	680.47
			For Work In Restricted Working Space, Add	*368.77*	
			For Owner Furnished Material, Deduct	*-7,797.54*	
	22 11 19 00-0329	EA	8" Diameter, Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,879.31	1,020.69
			For Work In Restricted Working Space, Add	*553.15*	
			For Owner Furnished Material, Deduct	*-15,035.47*	
22 11 19 00-0330			**N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs** *(22 11 19 00-0271)*		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
	22 11 19 00-0331	EA	2-1/2" Diameter, N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	6,085.08	267.49
			For Work In Restricted Working Space, Add	*106.99*	
			For Owner Furnished Material, Deduct	*-5,728.44*	
	22 11 19 00-0332	EA	3" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,519.08	300.93
			For Work In Restricted Working Space, Add	*118.70*	
			For Owner Furnished Material, Deduct	*-6,123.41*	
	22 11 19 00-0333	EA	4" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	8,052.33	445.82
			For Work In Restricted Working Space, Add	*178.22*	
			For Owner Furnished Material, Deduct	*-7,458.28*	
	22 11 19 00-0334	EA	6" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	12,945.02	680.47
			For Work In Restricted Working Space, Add	*368.77*	
			For Owner Furnished Material, Deduct	*-11,715.80*	

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22 11 19 00-0335	EA	8" Diameter, N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,879.31	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-15,035.47*	

22 11 19 00-0336 Grooved Double Check Valve Assemblies *(22 11 19 00-0255)*

22 11 19 00-0337 Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0336)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).

22 11 19 00-0338	EA	2-1/2" Diameter, Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,025.56	142.66
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-3,668.92*	
22 11 19 00-0339	EA	3" Diameter, Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,472.23	158.26
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-4,076.56*	

22 11 19 00-0340 N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0336)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).

22 11 19 00-0341	EA	2-1/2" Diameter, N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,308.77	142.66
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-4,952.13*	
22 11 19 00-0342	EA	3" Diameter, N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,742.77	158.26
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-5,347.10*	

22 11 19 00-0343 Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0254)*

22 11 19 00-0344 Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0343)*

22 11 19 00-0345 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).

22 11 19 00-0346	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	552.98	28.08
		For Work In Restricted Working Space, Add	*21.06*	
		For Owner Furnished Material, Deduct	*-482.79*	
22 11 19 00-0347	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	583.68	30.97
		For Work In Restricted Working Space, Add	*23.24*	
		For Owner Furnished Material, Deduct	*-506.23*	
22 11 19 00-0348	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	680.75	32.43
		For Work In Restricted Working Space, Add	*24.32*	
		For Owner Furnished Material, Deduct	*-599.67*	
22 11 19 00-0349	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	913.61	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-798.65*	
22 11 19 00-0350	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,083.56	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-943.19*	
22 11 19 00-0351	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,642.94	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-1,479.58*	
22 11 19 00-0352	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,735.53	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-1,549.17*	
22 11 19 00-0353	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,080.35	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-1,838.33*	

22 11 19 00-0354 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0355	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	611.42	28.08
		For Work In Restricted Working Space, Add	*21.06*	
		For Owner Furnished Material, Deduct	*-541.23*	
22 11 19 00-0356	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	645.27	30.97
		For Work In Restricted Working Space, Add	*23.24*	
		For Owner Furnished Material, Deduct	*-567.82*	
22 11 19 00-0357	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	765.16	45.98
		For Work In Restricted Working Space, Add	*24.32*	
		For Owner Furnished Material, Deduct	*-684.08*	
22 11 19 00-0358	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,046.27	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-931.31*	
22 11 19 00-0359	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,249.43	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-1,109.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0360	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,869.15	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-1,705.79*	
22 11 19 00-0361	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,054.76	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-1,868.40*	
22 11 19 00-0362	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,472.01	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-2,229.99*	

22 11 19 00-0363 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0364	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	913.61	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-798.65*	
22 11 19 00-0365	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,083.56	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-943.19*	
22 11 19 00-0366	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,642.94	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-1,479.58*	
22 11 19 00-0367	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,735.53	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-1,549.17*	
22 11 19 00-0368	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	2,080.35	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-1,838.33*	

22 11 19 00-0369 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0370	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,898.89	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-1,783.93*	
22 11 19 00-0371	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	2,247.15	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-2,106.78*	
22 11 19 00-0372	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,463.93	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-3,300.57*	
22 11 19 00-0373	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,743.71	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-3,557.35*	
22 11 19 00-0374	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	4,339.95	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-4,097.93*	

22 11 19 00-0375 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0376	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,562.01	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-2,447.05*	
22 11 19 00-0377	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	3,045.11	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-2,904.74*	
22 11 19 00-0378	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,648.41	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-4,485.05*	
22 11 19 00-0379	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	5,076.85	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-4,890.49*	
22 11 19 00-0380	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	6,028.08	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-5,786.06*	

22 11 19 00-0381 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0344)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0382	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,046.27	45.98
		For Work In Restricted Working Space, Add	*34.49*	
		For Owner Furnished Material, Deduct	*-931.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0383	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,249.43	56.15
		For Work In Restricted Working Space, Add	*42.11*	
		For Owner Furnished Material, Deduct	*-1,109.06*	
22 11 19 00-0384	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,869.15	65.34
		For Work In Restricted Working Space, Add	*49.01*	
		For Owner Furnished Material, Deduct	*-1,705.79*	
22 11 19 00-0385	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,054.76	75.03
		For Work In Restricted Working Space, Add	*55.91*	
		For Owner Furnished Material, Deduct	*-1,868.40*	
22 11 19 00-0386	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,472.01	96.81
		For Work In Restricted Working Space, Add	*72.61*	
		For Owner Furnished Material, Deduct	*-2,229.99*	

22 11 19 00-0387 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0343)*

22 11 19 00-0388 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0387)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).

22 11 19 00-0389	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	6,233.81	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-5,877.15*	
22 11 19 00-0390	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	7,024.93	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-6,629.26*	

22 11 19 00-0391 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0387)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).

22 11 19 00-0392	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	7,439.13	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-7,082.47*	
22 11 19 00-0393	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	8,425.18	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-8,029.51*	

22 11 19 00-0394 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0387)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).

22 11 19 00-0395	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,695.15	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-6,338.49*	
22 11 19 00-0396	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	7,791.65	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-7,395.98*	

22 11 19 00-0397 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer *(22 11 19 00-0387)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)

22 11 19 00-0398	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	7,439.13	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-7,082.47*	
22 11 19 00-0399	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	8,425.18	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-8,029.51*	

22 11 19 00-0400 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0387)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).

22 11 19 00-0401	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	8,262.71	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-7,906.05*	
22 11 19 00-0402	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	9,563.90	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-9,168.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0403		Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0387)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0404	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	10,735.06	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-10,378.42*	
22 11 19 00-0405	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	12,197.09	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-11,801.41*	
22 11 19 00-0406	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	15,347.09	445.82
		For Work In Restricted Working Space, Add	*178.23*	
		For Owner Furnished Material, Deduct	*-14,752.98*	
22 11 19 00-0407	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	23,156.62	680.47
		For Work In Restricted Working Space, Add	*516.31*	
		For Owner Furnished Material, Deduct	*-21,435.60*	
22 11 19 00-0408	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	38,429.64	1,020.69
		For Work In Restricted Working Space, Add	*774.46*	
		For Owner Furnished Material, Deduct	*-35,848.11*	
22 11 19 00-0409	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	49,675.05	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-47,480.01*	
22 11 19 00-0410		Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer *(22 11 19 00-0387)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0411	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	11,571.64	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-11,215.00*	
22 11 19 00-0412	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	13,077.52	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-12,681.85*	
22 11 19 00-0413	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	16,696.93	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-16,102.88*	
22 11 19 00-0414	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	25,205.66	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-23,976.44*	
22 11 19 00-0415	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	40,828.86	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-38,985.02*	
22 11 19 00-0416	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	55,434.40	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-53,239.36*	
22 11 19 00-0417		Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0387)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		
22 11 19 00-0418	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	11,423.81	267.49
		For Work In Restricted Working Space, Add	*106.99*	
		For Owner Furnished Material, Deduct	*-11,067.17*	
22 11 19 00-0419	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	12,986.56	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-12,590.88*	
22 11 19 00-0420	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	16,328.24	445.82
		For Work In Restricted Working Space, Add	*178.23*	
		For Owner Furnished Material, Deduct	*-15,734.13*	
22 11 19 00-0421	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	24,095.09	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-22,865.87*	
22 11 19 00-0422	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	40,082.93	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-38,239.09*	
22 11 19 00-0423	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	52,838.61	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-50,643.57*	
22 11 19 00-0424		Double Check Detector Assemblies *(22 11 19 00-0254)*		
22 11 19 00-0425		Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0424)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 19 00-0426 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0425)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0427	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,555.21	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-8,159.54*	
22 11 19 00-0428	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,942.92	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-8,348.87*	
22 11 19 00-0429	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,070.52	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-10,841.30*	
22 11 19 00-0430	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	21,440.11	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-19,596.27*	
22 11 19 00-0431	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	28,976.53	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-26,781.49*	

22 11 19 00-0432 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0425)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0433	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,401.53	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-6,044.87*	
22 11 19 00-0434	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,835.11	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-6,439.44*	
22 11 19 00-0435	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,437.81	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-6,843.76*	
22 11 19 00-0436	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	10,115.77	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-8,886.55*	
22 11 19 00-0437	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	17,907.08	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-16,063.24*	
22 11 19 00-0438	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	21,115.39	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-18,920.35*	

22 11 19 00-0439 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0425)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0440	EA	2-1/2" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,781.89	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-6,425.23*	
22 11 19 00-0441	EA	3" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,215.47	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-6,819.80*	
22 11 19 00-0442	EA	4" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,818.09	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-7,224.04*	
22 11 19 00-0443	EA	6" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	10,505.63	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-9,276.41*	
22 11 19 00-0444	EA	8" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	17,439.33	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-15,595.49*	

22 11 19 00-0445 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0424)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0446		Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0445)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0447	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,281.44	267.49
		For Work In Restricted Working Space, Add	*107.00*	
22 11 19 00-0448	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,715.07	300.93
		For Work In Restricted Working Space, Add	*118.70*	
22 11 19 00-0449	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	7,317.77	445.82
		For Work In Restricted Working Space, Add	*178.22*	
22 11 19 00-0450	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	9,995.73	680.47
		For Work In Restricted Working Space, Add	*368.77*	
22 11 19 00-0451	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	17,787.12	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
22 11 19 00-0452	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	20,995.26	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
22 11 19 00-0453		Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0445)*		
		Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0454	EA	2-1/2" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,661.76	267.49
		For Work In Restricted Working Space, Add	*107.00*	
22 11 19 00-0455	EA	3" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,095.35	300.93
		For Work In Restricted Working Space, Add	*118.70*	
22 11 19 00-0456	EA	4" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,698.04	445.82
		For Work In Restricted Working Space, Add	*178.22*	
22 11 19 00-0457	EA	6" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	10,385.51	680.47
		For Work In Restricted Working Space, Add	*368.77*	
22 11 19 00-0458	EA	8" Diameter, Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	18,176.98	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
22 11 19 00-0459		Flanged Double Check Detector Assemblies *(22 11 19 00-0424)*		
22 11 19 00-0460		Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0459)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 774 DCDA OSY series).		
22 11 19 00-0461	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	6,064.14	267.49
		For Work In Restricted Working Space, Add	*107.00*	
		For Owner Furnished Material, Deduct	*-5,707.48*	
22 11 19 00-0462	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	7,343.56	300.93
		For Work In Restricted Working Space, Add	*118.70*	
		For Owner Furnished Material, Deduct	*-6,947.89*	
22 11 19 00-0463	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	8,131.85	445.82
		For Work In Restricted Working Space, Add	*178.22*	
		For Owner Furnished Material, Deduct	*-7,537.80*	
22 11 19 00-0464	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	10,250.92	680.47
		For Work In Restricted Working Space, Add	*368.77*	
		For Owner Furnished Material, Deduct	*-9,021.70*	
22 11 19 00-0465	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	18,151.47	1,020.69
		For Work In Restricted Working Space, Add	*553.15*	
		For Owner Furnished Material, Deduct	*-16,307.63*	
22 11 19 00-0466	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	24,481.92	1,207.27
		For Work In Restricted Working Space, Add	*658.51*	
		For Owner Furnished Material, Deduct	*-22,286.88*	
22 11 19 00-0467	EA	12" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	32,686.38	1,448.73
		For Work In Restricted Working Space, Add	*790.21*	
		For Owner Furnished Material, Deduct	*-30,052.34*	
22 11 19 00-0468		Backflow Preventer Accessories *(22 11 19 00-0254)*		
22 11 19 00-0469		Air Gap *(22 11 19 00-0468)*		
22 11 19 00-0470	EA	Up To 1" Diameter Air Gap For Backflow Preventer	140.72	15.13
22 11 19 00-0471	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	173.26	18.15
22 11 19 00-0472	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	327.17	24.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0473	EA	4" To 6" Diameter Air Gap For Backflow Preventer	648.18	42.36
22 11 19 00-0474	EA	8" To 10" Diameter Air Gap For Backflow Preventer	684.48	60.50
22 11 19 00-0475		**Brass Test Cocks** *(22 11 19 00-0468)*		
22 11 19 00-0476	EA	1/8" Or 1/4" Brass Test Cock	57.30	6.05
22 11 19 00-0477		**Backflow Valve Enclosures** *(22 11 19 00-0254)*		
22 11 19 00-0478		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0477)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0479	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,628.25	108.91
		For Heated Enclosure, Add	*203.40*	
22 11 19 00-0480	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,007.67	108.91
		For Heated Enclosure, Add	*260.31*	
22 11 19 00-0481	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,553.63	100.31
		For Heated Enclosure, Add	*345.43*	
22 11 19 00-0482	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,647.12	133.74
		For Heated Enclosure, Add	*346.91*	
22 11 19 00-0483	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,775.79	133.74
		For Heated Enclosure, Add	*366.21*	
22 11 19 00-0484	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,277.27	133.74
		For Heated Enclosure, Add	*441.44*	
22 11 19 00-0485	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,290.47	133.74
		For Heated Enclosure, Add	*443.42*	
22 11 19 00-0486	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,144.97	133.74
		For Heated Enclosure, Add	*571.59*	
22 11 19 00-0487	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	9,571.13	200.62
		For Heated Enclosure, Add	*1,360.44*	
22 11 19 00-0488	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,883.23	200.62
		For Heated Enclosure, Add	*2,007.25*	
22 11 19 00-0489	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,190.39	200.62
		For Heated Enclosure, Add	*1,903.33*	
22 11 19 00-0490	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	15,883.67	234.06
		For Heated Enclosure, Add	*2,294.78*	
22 11 19 00-0491		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0477)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0492	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	873.22	29.05
		For Heated Enclosure, Add	*164.96*	
22 11 19 00-0493	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,222.94	29.05
		For Heated Enclosure, Add	*234.91*	
22 11 19 00-0494	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,542.43	26.75
		For Heated Enclosure, Add	*299.57*	
22 11 19 00-0495	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,340.84	26.75
		For Heated Enclosure, Add	*459.25*	
22 11 19 00-0496	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,074.99	50.16
		For Heated Enclosure, Add	*1,198.28*	
22 11 19 00-0497	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,308.57	50.16
		For Heated Enclosure, Add	*1,645.00*	
22 11 19 00-0498	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,520.72	50.16
		For Heated Enclosure, Add	*1,087.43*	
22 11 19 00-0499	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,253.15	50.16
		For Heated Enclosure, Add	*1,233.91*	
22 11 19 00-0500	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	9,806.42	50.16
		For Heated Enclosure, Add	*1,944.57*	
22 11 19 00-0501		**Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets** *(22 11 19 00-0477)*		
		Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.		
22 11 19 00-0502	EA	22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-1	915.12	108.91
22 11 19 00-0503	EA	30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-2	1,027.43	133.74
22 11 19 00-0504	EA	40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-3	1,107.79	133.74
22 11 19 00-0505	EA	46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures Note: BP-4	1,336.80	133.74
22 11 19 00-0506		**Sectional, Insulated Aluminum Valve Enclosures** *(22 11 19 00-0477)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0507	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	12,418.37	200.62
		For Heated Enclosure, Add	*1,787.52*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0508	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	13,695.17	200.62
		For Heated Enclosure, Add	*1,979.04*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0509	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	9,726.20	200.62
		For Heated Enclosure, Add	*1,383.70*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0510	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	10,669.78	200.62
		For Heated Enclosure, Add	*1,525.23*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0511	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,410.68	267.49
		For Heated Enclosure, Add	*1,761.29*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0512	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	13,921.73	267.49
		For Heated Enclosure, Add	*1,987.95*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0513	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	13,921.73	267.49
		For Heated Enclosure, Add	*1,987.95*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0514	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	15,386.58	267.49
		For Heated Enclosure, Add	*2,207.68*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0515	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,548.48	234.06
		For Heated Enclosure, Add	*1,644.50*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0516	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	13,522.52	267.49
		For Heated Enclosure, Add	*1,928.07*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0517	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	15,808.89	267.49
		For Heated Enclosure, Add	*2,271.03*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0518	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	17,355.14	284.21
		For Heated Enclosure, Add	*2,496.69*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0519	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	17,734.55	284.21
		For Heated Enclosure, Add	*2,553.60*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0520	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	19,663.51	300.93
		For Heated Enclosure, Add	*2,836.68*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0521	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	20,419.03	300.93
		For Heated Enclosure, Add	*2,950.01*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0522	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,819.12	267.49
		For Heated Enclosure, Add	*2,122.56*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0523	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	15,798.99	267.49
		For Heated Enclosure, Add	*2,269.54*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0524	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	17,879.71	284.21
		For Heated Enclosure, Add	*2,575.38*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0525	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	21,676.04	300.93
		For Heated Enclosure, Add	*3,138.56*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0526	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,907.98	300.93
		For Heated Enclosure, Add	*2,723.35*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0527	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	22,727.39	317.65
		For Heated Enclosure, Add	*3,289.99*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0528	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	21,971.87	317.65
		For Heated Enclosure, Add	*3,176.66*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0529	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	25,454.76	334.36
		For Heated Enclosure, Add	*3,692.83*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0530	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	23,524.71	334.36
		For Heated Enclosure, Add	*3,403.32*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0531	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	27,456.31	351.08
		For Heated Enclosure, Add	*3,986.79*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0532	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	27,498.10	367.80
		For Heated Enclosure, Add	*3,986.79*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0533	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	32,604.21	384.52
		For Heated Enclosure, Add	*4,746.44*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0534		Faucets (Hose Bibbs) *(22 11 19)*		
22 11 19 00-0535		Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0534)*		
22 11 19 00-0536	EA	1/2" Diameter, 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	66.37	12.10
22 11 19 00-0537	EA	3/4" Diameter, 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	76.53	13.31
22 11 19 00-0538	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	19.81	9.08
22 11 19 00-0539		Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0534)*		
22 11 19 00-0540	EA	3/4" Diameter, Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	230.01	37.03
22 11 19 00-0541		Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0534)*		
22 11 19 00-0542	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	140.89	30.26
22 11 19 00-0543	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	152.85	33.52
22 11 19 00-0544	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	161.78	35.46
22 11 19 00-0545	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	170.70	37.99
22 11 19 00-0546	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	179.76	40.30
22 11 19 00-0547		Keyed, Recessed Valve Boxes *(22 11 19)*		
22 11 19 00-0548	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	371.46	36.08
22 11 19 00-0549	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	414.22	36.08
22 11 19 00-0550	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	478.37	36.08
22 11 19 00-0551	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	459.66	48.10
22 11 19 00-0552	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	523.80	48.10
22 11 19 00-0553	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	543.04	48.10
22 11 19 00-0554	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	439.88	36.08
22 11 19 00-0555	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	533.96	36.08
22 11 19 00-0556	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	617.34	36.08
22 11 19 00-0557	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	579.39	48.10
22 11 19 00-0558	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	662.78	48.10
22 11 19 00-0559	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	694.85	48.10
22 11 23		**Domestic Water Pumps** *(22 11)*		
22 11 23 13		**Domestic Water Packaged Booster Pumps** *(22 11 23)*		
		Note: Includes motor starter and controls.		
22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,810.24	356.66
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,359.77	479.25
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,030.81	601.85
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,641.10	724.46
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	20,588.06	847.06
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	22,838.82	969.66
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	24,360.49	1,092.25
22 11 23 13-0009		Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	44,753.30	1,447.45
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	54,120.52	1,537.91
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	63,526.45	1,628.38
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	59,300.14	1,537.91
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	74,134.04	1,628.38
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	92,370.23	1,809.31
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	117,340.70	1,990.25
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	142,311.16	2,171.17
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	165,880.98	2,442.57
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	189,450.81	2,713.96
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	213,020.65	2,985.36
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	236,816.63	3,347.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0023		**Variable Speed Duplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	43,063.02	1,620.84
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	45,065.64	1,620.84
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	47,927.15	1,620.84
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	52,051.99	1,620.84
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	49,056.69	1,722.15
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	52,657.49	1,722.15
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	57,547.72	1,722.15
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	61,522.52	1,722.15
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	53,626.12	1,823.44
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	57,181.26	1,823.44
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	65,130.87	1,823.44
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	78,472.99	1,823.44
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	56,681.15	1,823.44
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	63,932.78	1,823.44
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	79,895.05	1,823.44
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	79,434.07	1,823.44
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	94,800.44	2,026.05
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	64,902.44	2,026.05
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	79,438.31	2,026.05
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	78,979.51	2,026.05
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	95,513.65	2,026.05
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	115,737.74	2,026.05
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	54,613.43	1,620.84
22 11 23 13-0047		**Variable Speed Triplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	54,613.43	1,620.84
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	61,175.77	1,620.84
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	66,837.91	1,620.84
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	61,429.02	1,722.15
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	67,052.02	1,722.15
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	62,742.36	1,722.15
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	67,576.05	1,722.15
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	74,223.19	1,722.15
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	79,733.12	1,722.15
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	63,313.07	1,823.44
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	68,146.76	1,823.44
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	74,791.73	1,823.44
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	80,301.66	1,823.44
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	68,749.07	1,823.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	73,391.42	1,823.44
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	84,861.38	1,823.44
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	103,578.61	1,823.44
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	70,203.63	2,026.05
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	74,848.15	2,026.05
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	86,318.11	2,026.05
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	105,033.17	2,026.05
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	74,095.81	2,026.05
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	84,519.88	2,026.05
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	107,164.08	2,026.05
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	109,358.05	2,026.05
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	135,644.37	2,026.05
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	83,926.02	2,431.26
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	101,105.95	2,431.26
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	107,620.46	2,431.26
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	129,966.76	2,431.26
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	161,236.81	2,431.26

22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,168.74	200.62
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,200.98	200.62
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,258.03	204.52
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,389.00	212.88
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,523.31	220.85
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,694.74	220.85
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	4,045.56	243.16
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,215.90	267.14
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	5,110.33	293.92
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,218.35	323.47
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,706.46	355.26
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	8,202.30	390.95
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,457.04	409.91

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,219.01	200.62
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	2,067.47	200.62
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,075.54	204.52
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,111.25	208.98
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,119.04	212.88
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,158.29	220.85
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,643.79	243.16
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,415.18	293.92
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,595.15	323.47
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,201.15	355.26
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,688.48	390.95
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,660.49	409.91
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,966.29	430.56
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,411.37	473.27
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	7,043.71	501.94
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	8,945.29	557.71
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	9,471.80	669.36
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	12,097.66	781.13

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks *(22 12)*

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*

22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	45,573.33	10,318.39
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	51,925.10	10,318.39
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	93,953.02	15,923.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	121,258.73	20,636.78
22 12 19 00-0006		Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*		
22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	54,983.35	10,318.39
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	77,096.90	10,318.39
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	114,817.90	15,923.47
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	165,686.29	20,636.78
22 12 23		**Facility Indoor Potable-Water Storage Tanks** *(22 12)*		
22 12 23 13		**Facility Steel, Indoor Potable-Water Storage Pressure Tanks** *(22 12 23)*		
22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*		
22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,804.45	445.82
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,473.23	557.27
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	6,502.49	613.00
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	7,193.06	668.72
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	14,422.02	724.46
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	12,392.47	780.19
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	21,384.25	835.91
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	19,679.44	891.64
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	21,383.48	947.36
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	25,505.96	1,003.09
22 12 23 13-0012		Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*		
22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,385.72	445.82
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,652.61	557.27
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,836.54	613.00
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	7,234.28	668.72
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	6,121.66	668.72
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	9,536.01	724.46
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	10,321.39	780.19
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	9,815.94	780.19
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,941.60	780.19
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	12,286.16	835.91
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	13,331.54	891.64
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	15,497.32	947.36
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	29,249.80	1,003.09
22 12 23 26		**Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks** *(22 12 23)*		
22 12 23 26-0001		Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)* Note: Excludes excavation and backfill.		
22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	750.60	250.77
		For Saddle Assembly, Add	*840.67*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	879.36	292.57
		For Saddle Assembly, Add	*840.67*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,044.63	334.36
		For Saddle Assembly, Add	*964.82*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,275.63	376.16
		For Saddle Assembly, Add	*1,449.25*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,533.40	417.95
		For Two Tie Down Bands, Add	*480.90*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,991.22	578.91
		For Two Tie Down Bands, Add	*514.98*	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,989.58	675.40
		For Three Tie Down Bands, Add	*882.00*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,327.63	771.88
		For Three Tie Down Bands, Add	*889.31*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,408.08	868.37
		For Four Tie Down Bands, Add	*1,205.22*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,338.72	964.85
		For Four Tie Down Bands, Add	*1,701.82*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,083.14	1,061.34
		For Four Tie Down Bands, Add	*2,247.10*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	10,526.30	1,157.82
		For Four Tie Down Bands, Add	*2,432.11*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	15,128.31	1,543.76
		For Four Tie Down Bands, Add	*2,753.44*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	19,602.33	1,543.76
		For Five Tie Down Bands, Add	*4,330.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0016			Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*		
22 12 23 26-0017		EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	813.38	334.36
22 12 23 26-0018		EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	984.87	355.26
22 12 23 26-0019		EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	1,083.32	376.16
22 12 23 26-0020		EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,316.75	417.95
22 12 23 26-0021		EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,498.79	501.55
22 12 23 26-0022		EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,770.93	585.14
22 12 23 26-0023		EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,499.47	771.88
22 12 23 26-0024		EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,238.74	964.85
22 12 23 26-0025		EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,362.66	1,157.82
22 12 23 26-0026		EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,715.38	1,350.79
22 12 23 26-0027		EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,438.63	1,543.76
22 12 23 26-0028		EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	11,449.11	1,736.73
22 12 23 26-0029		EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	12,981.98	1,929.71
22 12 23 26-0030		EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	14,305.50	2,122.67
22 12 23 26-0031		EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	16,490.76	2,315.64
22 12 23 26-0032		EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	18,634.62	2,508.61
22 12 23 26-0033		EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	23,091.09	2,701.58
22 12 23 26-0034		EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	27,792.68	3,087.53

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,081.84
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,436.85
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	984.32
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	638.23
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	752.28
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	958.74
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,020.84
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	616.81
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	984.32
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,012.48
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	956.72
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,081.84
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,695.40
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,048.73

22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,407.89
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,925.72
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,215.69
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	763.67
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,024.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,085.68	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	721.87	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,226.82	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,067.13	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,039.28	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,407.89	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	703.42	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	962.86	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	608.40	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	382.39	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	512.35	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	542.82	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	388.80	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	612.87	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	533.57	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	520.18	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	695.60	
22 13 13 00-0041		**Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	648.08	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	732.07	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	612.33	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	372.27	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	436.62	
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	588.78	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	600.11	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	367.30	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	612.33	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	648.23	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	599.36	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	647.94	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	1,002.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	624.48	
22 13 13 00-0056		Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	795.40	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	959.57	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	690.97	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	418.07	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	607.08	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	635.14	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	405.67	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	700.88	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	668.18	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	643.31	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	795.40	
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	397.24	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	479.25	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	345.81	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	209.09	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	303.51	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	317.30	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	202.82	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	350.35	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	334.13	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	322.13	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	389.85	

22 13 16 Sanitary Waste and Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*
Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0003	LF	2" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	35.35	7.02
		For Work In Restricted Working Space, Add	*5.15*	
22 13 16 00-0004	LF	3" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	50.51	10.59
		For Work In Restricted Working Space, Add	*6.99*	
22 13 16 00-0005	LF	4" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	65.54	13.48
		For Work In Restricted Working Space, Add	*8.99*	
22 13 16 00-0006	LF	5" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	77.98	17.12
		For Work In Restricted Working Space, Add	*9.63*	
22 13 16 00-0007	LF	6" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	91.53	18.65
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0008	LF	8" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	144.78	26.42
		For Work In Restricted Working Space, Add	*14.96*	
22 13 16 00-0009	LF	10" Diameter, Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	212.14	26.42
		For Work In Restricted Working Space, Add	*16.94*	
22 13 16 00-0010		**Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0001)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011	LF	1-1/2" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	36.69	6.69
		For Work In Restricted Working Space, Add	*5.87*	
22 13 16 00-0012	LF	2" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	38.82	7.13
		For Work In Restricted Working Space, Add	*6.31*	
22 13 16 00-0013	LF	3" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	50.07	10.37
		For Work In Restricted Working Space, Add	*7.74*	
22 13 16 00-0014	LF	4" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	60.62	13.48
		For Work In Restricted Working Space, Add	*9.25*	
22 13 16 00-0015	LF	5" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	81.38	16.79
		For Work In Restricted Working Space, Add	*11.40*	
22 13 16 00-0016	LF	6" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	93.43	18.33
		For Work In Restricted Working Space, Add	*12.42*	
22 13 16 00-0017	LF	8" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	147.37	26.20
		For Work In Restricted Working Space, Add	*17.05*	
22 13 16 00-0018	LF	10" Diameter, Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	214.41	29.77
		For Work In Restricted Working Space, Add	*19.82*	
22 13 16 00-0019		**Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)* Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF	2" Diameter, Bell And Spigot Cast Iron Pipe	25.17	7.02
		For Extra Heavy Pipe, Add	*6.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.53*	
		For Work In Restricted Working Space, Add	*3.18*	
22 13 16 00-0022	LF	3" Diameter, Bell And Spigot Cast Iron Pipe	36.78	10.59
		For Extra Heavy Pipe, Add	*8.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.80*	
		For Work In Restricted Working Space, Add	*4.78*	
22 13 16 00-0023	LF	4" Diameter, Bell And Spigot Cast Iron Pipe	47.39	13.48
		For Extra Heavy Pipe, Add	*11.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.01*	
		For Work In Restricted Working Space, Add	*6.08*	
22 13 16 00-0024	LF	5" Diameter, Bell And Spigot Cast Iron Pipe	63.88	17.12
		For Extra Heavy Pipe, Add	*16.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.28*	
		For Work In Restricted Working Space, Add	*7.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0025	LF	6" Diameter, Bell And Spigot Cast Iron Pipe	74.56	18.65
		For Extra Heavy Pipe, Add	*19.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.40*	
		For Work In Restricted Working Space, Add	*8.38*	
22 13 16 00-0026	LF	8" Diameter, Bell And Spigot Cast Iron Pipe	112.14	26.42
		For Extra Heavy Pipe, Add	*30.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.98*	
		For Work In Restricted Working Space, Add	*11.89*	
22 13 16 00-0027	LF	10" Diameter, Bell And Spigot Cast Iron Pipe	165.31	29.77
		For Extra Heavy Pipe, Add	*50.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.23*	
		For Work In Restricted Working Space, Add	*13.38*	
22 13 16 00-0028	LF	12" Diameter, Bell And Spigot Cast Iron Pipe	234.83	39.68
		For Extra Heavy Pipe, Add	*73.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.97*	
		For Work In Restricted Working Space, Add	*17.84*	
22 13 16 00-0029	LF	15" Diameter, Bell And Spigot Cast Iron Pipe	327.66	47.61
		For Extra Heavy Pipe, Add	*107.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.57*	
		For Work In Restricted Working Space, Add	*21.41*	

22 13 16 00-0030 Bell And Spigot Cast Iron Fittings *(22 13 16 00-0019)*

22 13 16 00-0031 Bell And Spigot Cast Iron Long Sweeps *(22 13 16 00-0030)*

22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	113.88	31.99
		For Extra Heavy Fittings, Add	*23.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	194.06	40.23
		For Extra Heavy Fittings, Add	*46.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	258.54	53.50
		For Extra Heavy Fittings, Add	*62.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	408.89	72.43
		For Extra Heavy Fittings, Add	*105.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.43*	
		For Work In Restricted Working Space, Add	*32.57*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	809.15	92.98
		For Extra Heavy Fittings, Add	*234.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.81*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	1,107.04	114.38
		For Extra Heavy Fittings, Add	*327.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.58*	
		For Work In Restricted Working Space, Add	*51.46*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	1,697.92	159.65
		For Extra Heavy Fittings, Add	*510.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.97*	
		For Work In Restricted Working Space, Add	*71.81*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	3,154.27	222.30
		For Extra Heavy Fittings, Add	*987.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.66*	
		For Work In Restricted Working Space, Add	*99.99*	

22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0030)*

22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	96.47	31.99
		For Extra Heavy Fittings, Add	*16.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	164.84	40.23
		For Extra Heavy Fittings, Add	*36.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	225.68	53.50
		For Extra Heavy Fittings, Add	*50.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	343.86	61.57
		For Extra Heavy Fittings, Add	*88.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.68*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	415.15	72.43
		For Extra Heavy Fittings, Add	*107.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.43*	
		For Work In Restricted Working Space, Add	*32.57*	
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	683.21	92.98
		For Extra Heavy Fittings, Add	*190.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.81*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	999.58	114.38
		For Extra Heavy Fittings, Add	*289.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.58*	
		For Work In Restricted Working Space, Add	*51.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	1,657.84	159.65
		For Extra Heavy Fittings, Add	*496.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.97*	
		For Work In Restricted Working Space, Add	*71.81*	

22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0030)*

22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	86.59	31.87
		For Extra Heavy Fittings, Add	*13.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.39*	
		For Work In Restricted Working Space, Add	*14.35*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	131.31	35.89
		For Extra Heavy Fittings, Add	*27.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.69*	
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	187.94	47.81
		For Extra Heavy Fittings, Add	*40.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.58*	
		For Work In Restricted Working Space, Add	*21.50*	
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	238.56	54.98
		For Extra Heavy Fittings, Add	*54.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.12*	
		For Work In Restricted Working Space, Add	*24.71*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	286.93	65.85
		For Extra Heavy Fittings, Add	*65.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.94*	
		For Work In Restricted Working Space, Add	*29.64*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	595.19	85.62
		For Extra Heavy Fittings, Add	*163.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.42*	
		For Work In Restricted Working Space, Add	*38.50*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	878.10	103.90
		For Extra Heavy Fittings, Add	*252.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.79*	
		For Work In Restricted Working Space, Add	*46.73*	
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	1,157.88	122.64
		For Extra Heavy Fittings, Add	*340.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.20*	
		For Work In Restricted Working Space, Add	*55.17*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	2,960.54	193.43
		For Extra Heavy Fittings, Add	*934.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.50*	
		For Work In Restricted Working Space, Add	*86.99*	

22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	78.88	31.99
		For Extra Heavy Fittings, Add	*10.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	124.11	40.23
		For Extra Heavy Fittings, Add	*22.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	177.08	53.50
		For Extra Heavy Fittings, Add	*33.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	225.31	68.81
		For Extra Heavy Fittings, Add	*42.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.16*	
		For Work In Restricted Working Space, Add	*30.94*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	260.58	76.72
		For Extra Heavy Fittings, Add	*50.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.75*	
		For Work In Restricted Working Space, Add	*34.52*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	517.83	102.57
		For Extra Heavy Fittings, Add	*127.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.69*	
		For Work In Restricted Working Space, Add	*46.13*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	724.49	126.54
		For Extra Heavy Fittings, Add	*187.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.49*	
		For Work In Restricted Working Space, Add	*56.93*	
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,171.23	164.11
		For Extra Heavy Fittings, Add	*323.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.30*	
		For Work In Restricted Working Space, Add	*73.79*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	2,246.20	193.43
		For Extra Heavy Fittings, Add	*684.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.50*	
		For Work In Restricted Working Space, Add	*86.99*	

22 13 16 00-0069 Bell And Spigot Cast Iron Wyes *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	136.94	71.44
		For Extra Heavy Fittings, Add	*10.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.15*	
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	173.09	78.24
		For Extra Heavy Fittings, Add	*19.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	227.90	102.54
		For Extra Heavy Fittings, Add	*25.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	301.26	118.42
		For Extra Heavy Fittings, Add	*43.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.88*	
		For Work In Restricted Working Space, Add	*53.28*	
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	378.05	140.37
		For Extra Heavy Fittings, Add	*58.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.52*	
		For Work In Restricted Working Space, Add	*63.15*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	691.70	187.30
		For Extra Heavy Fittings, Add	*143.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.04*	
		For Work In Restricted Working Space, Add	*84.25*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	970.70	212.50
		For Extra Heavy Fittings, Add	*228.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.93*	
		For Work In Restricted Working Space, Add	*95.56*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	1,436.95	258.64
		For Extra Heavy Fittings, Add	*367.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.39*	
		For Work In Restricted Working Space, Add	*116.33*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	2,231.63	290.20
		For Extra Heavy Fittings, Add	*628.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*21.75*	
		For Work In Restricted Working Space, Add	*130.52*	

22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0030)*

22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	219.08	74.67
		For Extra Heavy Fittings, Add	*37.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.60*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	266.54	92.29
		For Extra Heavy Fittings, Add	*44.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.92*	
		For Work In Restricted Working Space, Add	*41.52*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	297.92	94.62
		For Extra Heavy Fittings, Add	*54.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.10*	
		For Work In Restricted Working Space, Add	*42.58*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	448.45	125.77
		For Extra Heavy Fittings, Add	*90.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.42*	
		For Work In Restricted Working Space, Add	*56.54*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	460.09	128.08
		For Extra Heavy Fittings, Add	*93.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	481.56	136.64
		For Extra Heavy Fittings, Add	*96.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.24*	
		For Work In Restricted Working Space, Add	*61.46*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	707.99	150.62
		For Extra Heavy Fittings, Add	*168.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.29*	
		For Work In Restricted Working Space, Add	*67.74*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	740.16	153.52
		For Extra Heavy Fittings, Add	*178.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.51*	
		For Work In Restricted Working Space, Add	*69.03*	
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	757.90	160.76
		For Extra Heavy Fittings, Add	*180.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.05*	
		For Work In Restricted Working Space, Add	*72.32*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	895.80	178.82
		For Extra Heavy Fittings, Add	*219.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.41*	
		For Work In Restricted Working Space, Add	*80.45*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	1,106.06	167.56
		For Extra Heavy Fittings, Add	*299.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.56*	
		For Work In Restricted Working Space, Add	*75.37*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	1,150.57	174.92
		For Extra Heavy Fittings, Add	*310.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.12*	
		For Work In Restricted Working Space, Add	*78.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,258.67	193.43
		For Extra Heavy Fittings, Add	*339.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.50*	
		For Work In Restricted Working Space, Add	*86.99*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,665.60	205.13
		For Extra Heavy Fittings, Add	*475.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.38*	
		For Work In Restricted Working Space, Add	*92.26*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,714.50	205.13
		For Extra Heavy Fittings, Add	*492.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.38*	
		For Work In Restricted Working Space, Add	*92.26*	
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,784.20	222.30
		For Extra Heavy Fittings, Add	*507.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.66*	
		For Work In Restricted Working Space, Add	*99.99*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	2,095.93	233.33
		For Extra Heavy Fittings, Add	*611.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.49*	
		For Work In Restricted Working Space, Add	*104.93*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,548.96	240.25
		For Extra Heavy Fittings, Add	*766.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.01*	
		For Work In Restricted Working Space, Add	*108.06*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	4,219.45	226.54
		For Extra Heavy Fittings, Add	*1,357.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.98*	
		For Work In Restricted Working Space, Add	*101.89*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	4,403.43	245.16
		For Extra Heavy Fittings, Add	*1,412.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.38*	
		For Work In Restricted Working Space, Add	*110.29*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	4,493.52	255.75
		For Extra Heavy Fittings, Add	*1,438.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.17*	
		For Work In Restricted Working Space, Add	*115.03*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	4,598.08	264.44
		For Extra Heavy Fittings, Add	*1,470.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.82*	
		For Work In Restricted Working Space, Add	*118.92*	
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	4,714.05	279.83
		For Extra Heavy Fittings, Add	*1,503.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.98*	
		For Work In Restricted Working Space, Add	*125.85*	
22 13 16 00-0103		**Bell And Spigot Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	149.69	71.44
		For Extra Heavy Fittings, Add	*14.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.15*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	180.95	78.24
		For Extra Heavy Fittings, Add	*22.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	241.58	102.54
		For Extra Heavy Fittings, Add	*30.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	345.47	124.24
		For Extra Heavy Fittings, Add	*55.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.31*	
		For Work In Restricted Working Space, Add	*55.86*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	432.65	154.09
		For Extra Heavy Fittings, Add	*70.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.55*	
		For Work In Restricted Working Space, Add	*69.29*	
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	793.26	201.68
		For Extra Heavy Fittings, Add	*171.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.12*	
		For Work In Restricted Working Space, Add	*90.70*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,145.37	264.44
		For Extra Heavy Fittings, Add	*262.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.82*	
		For Work In Restricted Working Space, Add	*118.92*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,536.03	339.92
		For Extra Heavy Fittings, Add	*359.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*25.48*	
		For Work In Restricted Working Space, Add	*152.90*	
22 13 16 00-0112		**Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	159.72	74.67
		For Extra Heavy Fittings, Add	*16.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	226.07	92.29
		For Extra Heavy Fittings, Add	*30.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.92*	
		For Work In Restricted Working Space, Add	*41.52*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	244.51	94.62
		For Extra Heavy Fittings, Add	*35.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.10*	
		For Work In Restricted Working Space, Add	*42.58*	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	371.85	125.77
		For Extra Heavy Fittings, Add	*64.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.42*	
		For Work In Restricted Working Space, Add	*56.54*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	387.37	128.08
		For Extra Heavy Fittings, Add	*68.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	410.60	136.64
		For Extra Heavy Fittings, Add	*72.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.24*	
		For Work In Restricted Working Space, Add	*61.46*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	565.71	150.62
		For Extra Heavy Fittings, Add	*118.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.29*	
		For Work In Restricted Working Space, Add	*67.74*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	580.96	160.76
		For Extra Heavy Fittings, Add	*118.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.05*	
		For Work In Restricted Working Space, Add	*72.32*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	734.78	178.82
		For Extra Heavy Fittings, Add	*163.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.41*	
		For Work In Restricted Working Space, Add	*80.45*	

22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	245.72	85.49
		For Extra Heavy Fittings, Add	*41.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.41*	
		For Work In Restricted Working Space, Add	*38.43*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	358.99	107.77
		For Extra Heavy Fittings, Add	*69.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.08*	
		For Work In Restricted Working Space, Add	*48.46*	
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	487.93	136.31
		For Extra Heavy Fittings, Add	*99.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.22*	
		For Work In Restricted Working Space, Add	*61.33*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	952.23	215.67
		For Extra Heavy Fittings, Add	*220.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.17*	
		For Work In Restricted Working Space, Add	*97.00*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,910.28	253.18
		For Extra Heavy Fittings, Add	*535.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.98*	
		For Work In Restricted Working Space, Add	*113.86*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	2,533.61	283.29
		For Extra Heavy Fittings, Add	*738.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*21.24*	
		For Work In Restricted Working Space, Add	*127.41*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,751.16	339.92
		For Extra Heavy Fittings, Add	*434.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*25.48*	
		For Work In Restricted Working Space, Add	*152.90*	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	4,961.45	356.75
		For Extra Heavy Fittings, Add	*1,549.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*26.76*	
		For Work In Restricted Working Space, Add	*160.55*	

22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	220.99	101.09
		For Extra Heavy Fittings, Add	*24.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.58*	
		For Work In Restricted Working Space, Add	*45.48*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	256.91	116.14
		For Extra Heavy Fittings, Add	*28.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.71*	
		For Work In Restricted Working Space, Add	*52.25*	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	278.59	121.82
		For Extra Heavy Fittings, Add	*33.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.14*	
		For Work In Restricted Working Space, Add	*54.81*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	367.36	149.59
		For Extra Heavy Fittings, Add	*50.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.21*	
		For Work In Restricted Working Space, Add	*67.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	389.53	155.30
		For Extra Heavy Fittings, Add	*54.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.64*	
		For Work In Restricted Working Space, Add	*69.84*	
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	448.50	169.35
		For Extra Heavy Fittings, Add	*68.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.69*	
		For Work In Restricted Working Space, Add	*76.17*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	724.54	195.10
		For Extra Heavy Fittings, Add	*151.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.62*	
		For Work In Restricted Working Space, Add	*87.73*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	788.43	230.89
		For Extra Heavy Fittings, Add	*154.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.31*	
		For Work In Restricted Working Space, Add	*103.87*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	771.80	208.70
		For Extra Heavy Fittings, Add	*160.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.65*	
		For Work In Restricted Working Space, Add	*93.88*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	899.40	245.16
		For Extra Heavy Fittings, Add	*186.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.38*	
		For Work In Restricted Working Space, Add	*110.29*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,109.71	267.23
		For Extra Heavy Fittings, Add	*248.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.03*	
		For Work In Restricted Working Space, Add	*120.20*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	1,133.48	273.36
		For Extra Heavy Fittings, Add	*253.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.49*	
		For Work In Restricted Working Space, Add	*122.96*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,450.99	297.44
		For Extra Heavy Fittings, Add	*351.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*22.30*	
		For Work In Restricted Working Space, Add	*133.78*	
22 13 16 00-0145		Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*		
22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	203.56	85.49
		For Extra Heavy Fittings, Add	*26.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.41*	
		For Work In Restricted Working Space, Add	*38.43*	
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	274.22	114.35
		For Extra Heavy Fittings, Add	*35.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.57*	
		For Work In Restricted Working Space, Add	*51.44*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	358.93	142.99
		For Extra Heavy Fittings, Add	*50.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.72*	
		For Work In Restricted Working Space, Add	*64.30*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	809.64	241.02
		For Extra Heavy Fittings, Add	*156.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.07*	
		For Work In Restricted Working Space, Add	*108.41*	
22 13 16 00-0150		Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*		
22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	272.95	102.54
		For Extra Heavy Fittings, Add	*41.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	324.42	116.14
		For Extra Heavy Fittings, Add	*52.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.71*	
		For Work In Restricted Working Space, Add	*52.25*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	364.32	129.29
		For Extra Heavy Fittings, Add	*59.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.69*	
		For Work In Restricted Working Space, Add	*58.13*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	748.12	179.77
		For Extra Heavy Fittings, Add	*167.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.48*	
		For Work In Restricted Working Space, Add	*80.87*	
22 13 16 00-0155		Bell And Spigot Cast Iron Sanitary Tees *(22 13 16 00-0030)*		
22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	166.07	71.55
		For Extra Heavy Fittings, Add	*20.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.18*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	189.12	78.24
		For Extra Heavy Fittings, Add	*25.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	307.19	95.85
		For Extra Heavy Fittings, Add	*57.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.19*	
		For Work In Restricted Working Space, Add	*43.13*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	455.22	109.53
		For Extra Heavy Fittings, Add	*101.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.22*	
		For Work In Restricted Working Space, Add	*49.29*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	546.10	131.37
		For Extra Heavy Fittings, Add	*122.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.85*	
		For Work In Restricted Working Space, Add	*59.10*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,175.78	171.13
		For Extra Heavy Fittings, Add	*321.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.83*	
		For Work In Restricted Working Space, Add	*76.97*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,768.80	208.70
		For Extra Heavy Fittings, Add	*509.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.65*	
		For Work In Restricted Working Space, Add	*93.88*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,641.80	245.16
		For Extra Heavy Fittings, Add	*795.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.38*	
		For Work In Restricted Working Space, Add	*110.29*	

22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	224.66	74.67
		For Extra Heavy Fittings, Add	*39.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.60*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	266.07	87.49
		For Extra Heavy Fittings, Add	*47.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	279.07	87.49
		For Extra Heavy Fittings, Add	*51.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	431.12	125.77
		For Extra Heavy Fittings, Add	*84.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.42*	
		For Work In Restricted Working Space, Add	*56.54*	
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	448.95	128.08
		For Extra Heavy Fittings, Add	*89.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	487.13	136.64
		For Extra Heavy Fittings, Add	*98.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.24*	
		For Work In Restricted Working Space, Add	*61.46*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	831.56	160.76
		For Extra Heavy Fittings, Add	*206.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.05*	
		For Work In Restricted Working Space, Add	*72.32*	
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	1,044.98	178.82
		For Extra Heavy Fittings, Add	*271.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.41*	
		For Work In Restricted Working Space, Add	*80.45*	

22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0030)*

22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	141.52	71.44
		For Extra Heavy Fittings, Add	*12.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.15*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	177.11	78.24
		For Extra Heavy Fittings, Add	*20.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	234.71	102.54
		For Extra Heavy Fittings, Add	*28.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	307.09	124.24
		For Extra Heavy Fittings, Add	*42.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.31*	
		For Work In Restricted Working Space, Add	*55.86*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	386.72	154.09
		For Extra Heavy Fittings, Add	*54.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.55*	
		For Work In Restricted Working Space, Add	*69.29*	
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	664.76	201.68
		For Extra Heavy Fittings, Add	*126.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.12*	
		For Work In Restricted Working Space, Add	*90.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0180		**Bell And Spigot Cast Iron Tapped Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	145.55	71.44
		For Extra Heavy Fittings, Add	*13.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.15*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	160.71	78.24
		For Extra Heavy Fittings, Add	*15.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	207.16	102.54
		For Extra Heavy Fittings, Add	*18.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0184		**Bell And Spigot Cast Iron Tapped Sanitary Crosses** *(22 13 16 00-0030)*		
22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	148.09	71.44
		For Extra Heavy Fittings, Add	*14.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.15*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	165.54	78.24
		For Extra Heavy Fittings, Add	*16.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	219.29	102.54
		For Extra Heavy Fittings, Add	*22.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0188		**Bell And Spigot Cast Iron Reducers** *(22 13 16 00-0030)*		
22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	81.97	40.23
		For Extra Heavy Fittings, Add	*7.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	102.33	53.06
		For Extra Heavy Fittings, Add	*7.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.98*	
		For Work In Restricted Working Space, Add	*23.88*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	109.71	53.50
		For Extra Heavy Fittings, Add	*10.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	142.68	66.51
		For Extra Heavy Fittings, Add	*15.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.99*	
		For Work In Restricted Working Space, Add	*29.93*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	149.31	67.38
		For Extra Heavy Fittings, Add	*16.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.33*	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	154.12	68.81
		For Extra Heavy Fittings, Add	*17.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.16*	
		For Work In Restricted Working Space, Add	*30.94*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	200.47	70.90
		For Extra Heavy Fittings, Add	*32.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.32*	
		For Work In Restricted Working Space, Add	*31.90*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	225.34	86.85
		For Extra Heavy Fittings, Add	*33.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.51*	
		For Work In Restricted Working Space, Add	*39.06*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	231.27	89.08
		For Extra Heavy Fittings, Add	*34.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.68*	
		For Work In Restricted Working Space, Add	*40.08*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	238.83	92.98
		For Extra Heavy Fittings, Add	*34.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.81*	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	298.84	104.35
		For Extra Heavy Fittings, Add	*49.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.82*	
		For Work In Restricted Working Space, Add	*46.94*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	315.09	109.59
		For Extra Heavy Fittings, Add	*52.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.22*	
		For Work In Restricted Working Space, Add	*49.31*	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	335.86	114.38
		For Extra Heavy Fittings, Add	*57.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.58*	
		For Work In Restricted Working Space, Add	*51.46*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	418.24	123.97
		For Extra Heavy Fittings, Add	*81.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	466.12	145.04
		For Extra Heavy Fittings, Add	*87.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.88*	
		For Work In Restricted Working Space, Add	*65.26*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	503.70	165.22
		For Extra Heavy Fittings, Add	*89.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.39*	
		For Work In Restricted Working Space, Add	*74.33*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	551.35	190.30
		For Extra Heavy Fittings, Add	*93.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.27*	
		For Work In Restricted Working Space, Add	*85.59*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	723.49	190.30
		For Extra Heavy Fittings, Add	*153.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.27*	
		For Work In Restricted Working Space, Add	*85.59*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	769.68	205.13
		For Extra Heavy Fittings, Add	*161.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.38*	
		For Work In Restricted Working Space, Add	*92.26*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	801.31	216.28
		For Extra Heavy Fittings, Add	*166.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.22*	
		For Work In Restricted Working Space, Add	*97.30*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	844.21	230.89
		For Extra Heavy Fittings, Add	*174.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.31*	
		For Work In Restricted Working Space, Add	*103.87*	

22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0030)*

22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	85.07	31.99
		For Extra Heavy Fittings, Add	*13.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	114.28	40.23
		For Extra Heavy Fittings, Add	*18.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	155.88	53.50
		For Extra Heavy Fittings, Add	*26.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	254.57	61.57
		For Extra Heavy Fittings, Add	*56.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.68*	
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	342.31	72.43
		For Extra Heavy Fittings, Add	*81.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.43*	
		For Work In Restricted Working Space, Add	*32.57*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	763.30	92.98
		For Extra Heavy Fittings, Add	*218.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.81*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	845.60	114.38
		For Extra Heavy Fittings, Add	*235.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.58*	
		For Work In Restricted Working Space, Add	*51.46*	

22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0030)*

22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	99.18	31.99
		For Extra Heavy Fittings, Add	*17.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	142.01	40.23
		For Extra Heavy Fittings, Add	*28.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	207.44	53.50
		For Extra Heavy Fittings, Add	*44.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	346.94	68.81
		For Extra Heavy Fittings, Add	*85.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.16*	
		For Work In Restricted Working Space, Add	*30.94*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	368.00	76.72
		For Extra Heavy Fittings, Add	*88.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.75*	
		For Work In Restricted Working Space, Add	*34.52*	

22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	228.25	77.24
		For Above Ground Cast Iron Pipe Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	304.69	101.54
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	421.13	119.52
		For Above Ground Cast Iron Pipe Installation, Add	*9.03*	
		For Work In Restricted Working Space, Add	*54.21*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	852.09	135.44
		For Above Ground Cast Iron Pipe Installation, Add	*10.24*	
		For Work In Restricted Working Space, Add	*61.46*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,810.53	158.98
		For Above Ground Cast Iron Pipe Installation, Add	*12.05*	
		For Work In Restricted Working Space, Add	*72.32*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	3,042.80	177.37
		For Above Ground Cast Iron Pipe Installation, Add	*13.41*	
		For Work In Restricted Working Space, Add	*80.45*	

22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0030)*

22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	291.14	106.66
		For Above Ground Cast Iron Pipe Installation, Add	*8.08*	
		For Work In Restricted Working Space, Add	*48.46*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	398.85	134.63
		For Above Ground Cast Iron Pipe Installation, Add	*10.22*	
		For Work In Restricted Working Space, Add	*61.33*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	948.91	167.37
		For Above Ground Cast Iron Pipe Installation, Add	*12.69*	
		For Work In Restricted Working Space, Add	*76.17*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,100.13	202.61
		For Above Ground Cast Iron Pipe Installation, Add	*15.35*	
		For Work In Restricted Working Space, Add	*92.10*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	3,025.74	192.76
		For Above Ground Cast Iron Pipe Installation, Add	*14.62*	
		For Work In Restricted Working Space, Add	*87.73*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	3,319.16	228.88
		For Above Ground Cast Iron Pipe Installation, Add	*17.31*	
		For Work In Restricted Working Space, Add	*103.87*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	4,417.16	264.11
		For Above Ground Cast Iron Pipe Installation, Add	*20.03*	
		For Work In Restricted Working Space, Add	*120.20*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	6,117.71	305.36
		For Above Ground Cast Iron Pipe Installation, Add	*23.13*	
		For Work In Restricted Working Space, Add	*138.78*	
22 13 16 00-0240	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	11,924.90	353.19
		For Above Ground Cast Iron Pipe Installation, Add	*26.77*	
		For Work In Restricted Working Space, Add	*160.61*	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0030)*

22 13 16 00-0242	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	180.38	
		For Above Ground Cast Iron Pipe Installation, Add	*2.39*	
		For Work In Restricted Working Space, Add	*14.35*	
22 13 16 00-0243	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	249.85	
		For Above Ground Cast Iron Pipe Installation, Add	*2.69*	
		For Work In Restricted Working Space, Add	*16.12*	
22 13 16 00-0244	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	287.68	
		For Above Ground Cast Iron Pipe Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.59*	
22 13 16 00-0245	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	355.69	
		For Above Ground Cast Iron Pipe Installation, Add	*4.18*	
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0246	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	432.00	
		For Above Ground Cast Iron Pipe Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.29*	
22 13 16 00-0247	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	823.77	
		For Above Ground Cast Iron Pipe Installation, Add	*6.38*	
		For Work In Restricted Working Space, Add	*38.29*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249	EA	Cut And Prepare, Existing In-Place 2" Diameter Cast Iron Pipe	13.31	
		For Above Ground Cast Iron Pipe Installation, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.99*	
22 13 16 00-0250	EA	Cut And Prepare, Existing In-Place 3" Diameter Cast Iron Pipe	14.52	
		For Above Ground Cast Iron Pipe Installation, Add	*0.73*	
		For Work In Restricted Working Space, Add	*4.36*	
22 13 16 00-0251	EA	Cut And Prepare, Existing In-Place 4" Diameter Cast Iron Pipe	18.15	
		For Above Ground Cast Iron Pipe Installation, Add	*0.91*	
		For Work In Restricted Working Space, Add	*5.45*	
22 13 16 00-0252	EA	Cut And Prepare, Existing In-Place 6" Diameter Cast Iron Pipe	21.78	
		For Above Ground Cast Iron Pipe Installation, Add	*1.09*	
		For Work In Restricted Working Space, Add	*6.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0253	EA	Cut And Prepare, Existing In-Place 8" Diameter Cast Iron Pipe	29.05	
		For Above Ground Cast Iron Pipe Installation, Add	*1.45*	
		For Work In Restricted Working Space, Add	*8.72*	
22 13 16 00-0254	EA	Cut And Prepare, Existing In-Place 10" Diameter Cast Iron Pipe	33.88	
		For Above Ground Cast Iron Pipe Installation, Add	*1.69*	
		For Work In Restricted Working Space, Add	*10.16*	
22 13 16 00-0255	EA	Cut And Prepare, Existing In-Place 12" Diameter Cast Iron Pipe	39.93	
		For Above Ground Cast Iron Pipe Installation, Add	*2.00*	
		For Work In Restricted Working Space, Add	*11.98*	
22 13 16 00-0256	EA	Cut And Prepare, Existing In-Place 15" Diameter Cast Iron Pipe	45.98	
		For Above Ground Cast Iron Pipe Installation, Add	*2.30*	
		For Work In Restricted Working Space, Add	*13.79*	
22 13 16 00-0257		**Joint Material** *(22 13 16 00-0019)*		
		Note: Labor costs are included in the installation costs for fittings.		
22 13 16 00-0258	LB	Lead (1 Lb./Diameter Inch) Joint Material	6.73	
22 13 16 00-0259	LB	Oakum (1/8 Lb./Diameter Inch) Joint Material	12.82	
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	3.32	
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	4.55	
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	5.65	
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	9.38	
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	20.68	
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	31.72	
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	40.40	
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	47.99	
22 13 16 00-0268		**No Hub Cast Iron Soil Pipe And Fittings** *(22 13 16)*		
		Note: Service Weight. Excludes hangers.		
22 13 16 00-0269		**No Hub Cast Iron Pipe** *(22 13 16 00-0268)*		
		Note: Excludes couplings.		
22 13 16 00-0270	LF	1-1/2" Diameter, No Hub Cast Iron Pipe	21.91	6.69
		For Below Ground Installation, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0271	LF	2" Diameter, No Hub Cast Iron Pipe	23.22	7.13
		For Below Ground Installation, Add	*0.54*	
		For Work In Restricted Working Space, Add	*3.23*	
22 13 16 00-0272	LF	3" Diameter, No Hub Cast Iron Pipe	32.82	10.37
		For Below Ground Installation, Add	*0.78*	
		For Work In Restricted Working Space, Add	*4.67*	
22 13 16 00-0273	LF	4" Diameter, No Hub Cast Iron Pipe	42.58	13.48
		For Below Ground Installation, Add	*1.01*	
		For Work In Restricted Working Space, Add	*6.08*	
22 13 16 00-0274	LF	5" Diameter, No Hub Cast Iron Pipe	56.28	16.79
		For Below Ground Installation, Add	*1.26*	
		For Work In Restricted Working Space, Add	*7.56*	
22 13 16 00-0275	LF	6" Diameter, No Hub Cast Iron Pipe	65.90	18.33
		For Below Ground Installation, Add	*1.37*	
		For Work In Restricted Working Space, Add	*8.23*	
22 13 16 00-0276	LF	8" Diameter, No Hub Cast Iron Pipe	100.79	26.20
		For Below Ground Installation, Add	*1.96*	
		For Work In Restricted Working Space, Add	*11.76*	
22 13 16 00-0277	LF	10" Diameter, No Hub Cast Iron Pipe	146.70	29.77
		For Below Ground Installation, Add	*2.23*	
		For Work In Restricted Working Space, Add	*13.38*	
22 13 16 00-0278		**No Hub Cast Iron Fittings** *(22 13 16 00-0268)*		
22 13 16 00-0279		**No Hub Cast Iron Long Sweeps** *(22 13 16 00-0278)*		
22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	72.72	30.32
		For Below Ground Installation, Add	*2.27*	
		For Work In Restricted Working Space, Add	*13.65*	
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	75.33	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	89.34	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	124.03	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	179.02	55.43
		For Below Ground Installation, Add	*4.15*	
		For Work In Restricted Working Space, Add	*24.92*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	212.25	66.07
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.74*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	436.69	84.95
		For Below Ground Installation, Add	*6.37*	
		For Work In Restricted Working Space, Add	*38.22*	
22 13 16 00-0287		**No Hub Cast Iron Reducing Long Sweeps** *(22 13 16 00-0278)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	118.15	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	178.94	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	

22 13 16 00-0290 No Hub Cast Iron Short Sweeps *(22 13 16 00-0278)*

22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	69.54	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	84.76	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	121.63	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	179.92	55.43
		For Below Ground Installation, Add	*4.15*	
		For Work In Restricted Working Space, Add	*24.92*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	198.19	66.07
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.74*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	394.19	84.95
		For Below Ground Installation, Add	*6.37*	
		For Work In Restricted Working Space, Add	*38.22*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	647.63	118.95
		For Below Ground Installation, Add	*8.92*	
		For Work In Restricted Working Space, Add	*53.51*	

22 13 16 00-0298 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0278)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	62.64	30.32
		For Below Ground Installation, Add	*2.27*	
		For Work In Restricted Working Space, Add	*13.65*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	65.56	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	78.29	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	107.34	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	162.17	55.43
		For Below Ground Installation, Add	*4.15*	
		For Work In Restricted Working Space, Add	*24.92*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	186.83	66.07
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.74*	
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	361.10	84.95
		For Below Ground Installation, Add	*6.37*	
		For Work In Restricted Working Space, Add	*38.22*	

22 13 16 00-0306 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	58.95	30.32
		For Below Ground Installation, Add	*2.27*	
		For Work In Restricted Working Space, Add	*13.65*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	61.19	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	74.00	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	97.71	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	165.04	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	296.05	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	467.13	114.35
		For Below Ground Installation, Add	*8.57*	
		For Work In Restricted Working Space, Add	*51.44*	

22 13 16 00-0314 No Hub Cast Iron Wyes *(22 13 16 00-0278)*

22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	95.36	47.70
		For Below Ground Installation, Add	*3.57*	
		For Work In Restricted Working Space, Add	*21.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	121.14	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	139.24	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	193.01	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	277.94	107.89
		For Below Ground Installation, Add	*8.09*	
		For Work In Restricted Working Space, Add	*48.52*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	329.79	128.08
		For Below Ground Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	578.39	170.02
		For Below Ground Installation, Add	*12.74*	
		For Work In Restricted Working Space, Add	*76.45*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	983.75	188.85
		For Below Ground Installation, Add	*14.16*	
		For Work In Restricted Working Space, Add	*84.94*	

22 13 16 00-0323 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0278)*

22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	118.59	61.75
		For Below Ground Installation, Add	*4.62*	
		For Work In Restricted Working Space, Add	*27.75*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	132.25	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	150.71	78.24
		For Below Ground Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	175.11	86.93
		For Below Ground Installation, Add	*6.52*	
		For Work In Restricted Working Space, Add	*39.11*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	237.70	108.98
		For Below Ground Installation, Add	*8.17*	
		For Work In Restricted Working Space, Add	*49.04*	
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	254.43	113.92
		For Below Ground Installation, Add	*8.54*	
		For Work In Restricted Working Space, Add	*51.22*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	291.23	133.13
		For Below Ground Installation, Add	*9.98*	
		For Work In Restricted Working Space, Add	*59.87*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	385.68	133.67
		For Below Ground Installation, Add	*10.02*	
		For Work In Restricted Working Space, Add	*60.13*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	449.01	146.93
		For Below Ground Installation, Add	*11.01*	
		For Work In Restricted Working Space, Add	*66.06*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	719.23	156.52
		For Below Ground Installation, Add	*11.74*	
		For Work In Restricted Working Space, Add	*70.41*	
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	758.18	167.56
		For Below Ground Installation, Add	*12.56*	
		For Work In Restricted Working Space, Add	*75.37*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	877.01	178.93
		For Below Ground Installation, Add	*13.41*	
		For Work In Restricted Working Space, Add	*80.47*	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	107.39	55.50
		For Below Ground Installation, Add	*4.16*	
		For Work In Restricted Working Space, Add	*24.95*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	122.12	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	146.61	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	213.85	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	401.99	142.99
		For Below Ground Installation, Add	*10.72*	
		For Work In Restricted Working Space, Add	*64.30*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	745.89	183.46
		For Below Ground Installation, Add	*13.75*	
		For Work In Restricted Working Space, Add	*82.52*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	873.13	221.79
		For Below Ground Installation, Add	*16.63*	
		For Work In Restricted Working Space, Add	*99.75*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	123.32	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	135.93	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	158.09	78.24
		For Below Ground Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.20*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	182.26	86.93
		For Below Ground Installation, Add	*6.52*	
		For Work In Restricted Working Space, Add	*39.11*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	259.13	108.98
		For Below Ground Installation, Add	*8.17*	
		For Work In Restricted Working Space, Add	*49.04*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	291.89	113.92
		For Below Ground Installation, Add	*8.54*	
		For Work In Restricted Working Space, Add	*51.22*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	324.03	133.13
		For Below Ground Installation, Add	*9.98*	
		For Work In Restricted Working Space, Add	*59.87*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	446.98	133.67
		For Below Ground Installation, Add	*10.02*	
		For Work In Restricted Working Space, Add	*60.13*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	589.13	146.93
		For Below Ground Installation, Add	*11.01*	
		For Work In Restricted Working Space, Add	*66.06*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	154.27	80.35
		For Below Ground Installation, Add	*6.03*	
		For Work In Restricted Working Space, Add	*36.15*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	208.93	97.86
		For Below Ground Installation, Add	*7.33*	
		For Work In Restricted Working Space, Add	*44.00*	
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	288.52	106.99
		For Below Ground Installation, Add	*8.02*	
		For Work In Restricted Working Space, Add	*48.11*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	462.80	161.44
		For Below Ground Installation, Add	*12.10*	
		For Work In Restricted Working Space, Add	*72.59*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	922.34	216.28
		For Below Ground Installation, Add	*16.22*	
		For Work In Restricted Working Space, Add	*97.30*	

22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	186.88	89.06
		For Below Ground Installation, Add	*6.67*	
		For Work In Restricted Working Space, Add	*40.04*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	225.48	102.54
		For Below Ground Installation, Add	*7.69*	
		For Work In Restricted Working Space, Add	*46.12*	
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	248.53	111.78
		For Below Ground Installation, Add	*8.38*	
		For Work In Restricted Working Space, Add	*50.28*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	392.49	142.35
		For Below Ground Installation, Add	*10.67*	
		For Work In Restricted Working Space, Add	*64.02*	

22 13 16 00-0365 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	203.94	96.52
		For Below Ground Installation, Add	*7.24*	
		For Work In Restricted Working Space, Add	*43.43*	
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	252.04	106.99
		For Below Ground Installation, Add	*8.02*	
		For Work In Restricted Working Space, Add	*48.11*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	387.39	141.66
		For Below Ground Installation, Add	*10.61*	
		For Work In Restricted Working Space, Add	*63.69*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	532.23	218.68
		For Below Ground Installation, Add	*16.39*	
		For Work In Restricted Working Space, Add	*98.34*	

22 13 16 00-0370 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	193.20	83.03
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.36*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	223.88	96.52
		For Below Ground Installation, Add	*7.24*	
		For Work In Restricted Working Space, Add	*43.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	273.09	105.44
		For Below Ground Installation, Add	*7.90*	
		For Work In Restricted Working Space, Add	*47.43*	

22 13 16 00-0374 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	92.81	46.70
		For Below Ground Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.03*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	122.34	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	136.54	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	186.85	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	279.22	107.89
		For Below Ground Installation, Add	*8.09*	
		For Work In Restricted Working Space, Add	*48.52*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	328.88	128.08
		For Below Ground Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	654.43	170.02
		For Below Ground Installation, Add	*12.74*	
		For Work In Restricted Working Space, Add	*76.45*	

22 13 16 00-0382 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0383	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	104.47	52.71
		For Below Ground Installation, Add	*3.95*	
		For Work In Restricted Working Space, Add	*23.72*	
22 13 16 00-0384	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	120.70	61.75
		For Below Ground Installation, Add	*4.62*	
		For Work In Restricted Working Space, Add	*27.75*	
22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	125.13	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	154.23	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	167.31	87.49
		For Below Ground Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	174.38	87.49
		For Below Ground Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	237.66	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	247.52	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	248.72	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	257.91	106.79
		For Below Ground Installation, Add	*8.00*	
		For Work In Restricted Working Space, Add	*48.02*	
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	512.68	143.37
		For Below Ground Installation, Add	*10.75*	
		For Work In Restricted Working Space, Add	*64.47*	

22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*

22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	72.93	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	84.98	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	103.20	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	68.49	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	88.22	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	131.40	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	222.20	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	309.19	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	369.51	141.21
		For Below Ground Installation, Add	*10.59*	
		For Work In Restricted Working Space, Add	*63.53*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	56.38	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	68.44	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	98.61	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	156.02	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	207.83	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	

22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	124.35	62.42
		For Below Ground Installation, Add	*4.68*	
		For Work In Restricted Working Space, Add	*28.10*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	135.28	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	166.55	70.77
		For Below Ground Installation, Add	*5.31*	
		For Work In Restricted Working Space, Add	*31.85*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	252.81	92.96
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.79*	

22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0418	EA	3" x 2" No Hub Cast Iron Sanitary Cross	178.81	83.03
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.35*	
22 13 16 00-0419	EA	4" x 2" No Hub Cast Iron Sanitary Cross	204.89	85.49
		For Below Ground Installation, Add	*6.41*	
		For Work In Restricted Working Space, Add	*38.45*	
22 13 16 00-0420	EA	4" x 3" No Hub Cast Iron Sanitary Cross	226.36	89.28
		For Below Ground Installation, Add	*6.69*	
		For Work In Restricted Working Space, Add	*40.13*	

22 13 16 00-0421 No Hub Cast Iron Reducers *(22 13 16 00-0278)*

22 13 16 00-0422	EA	3" x 2" No Hub Cast Iron Reducer	109.78	64.64
		For Below Ground Installation, Add	*4.85*	
		For Work In Restricted Working Space, Add	*29.08*	
22 13 16 00-0423	EA	4" x 2" No Hub Cast Iron Reducer	150.76	87.49
		For Below Ground Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0424	EA	4" x 3" No Hub Cast Iron Reducer	151.36	87.49
		For Below Ground Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.34*	
22 13 16 00-0425	EA	5" x 2" No Hub Cast Iron Reducer	182.46	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0426	EA	5" x 3" No Hub Cast Iron Reducer	186.44	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0427	EA	5" x 4" No Hub Cast Iron Reducer	188.02	102.51
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0428	EA	6" x 3" No Hub Cast Iron Reducer	220.44	113.92
		For Below Ground Installation, Add	*8.54*	
		For Work In Restricted Working Space, Add	*51.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0429	EA	6" x 4" No Hub Cast Iron Reducer	221.04	113.92
		For Below Ground Installation, Add	*8.54*	
		For Work In Restricted Working Space, Add	*51.22*	
22 13 16 00-0430	EA	6" x 5" No Hub Cast Iron Reducer	222.84	113.92
		For Below Ground Installation, Add	*8.54*	
		For Work In Restricted Working Space, Add	*51.22*	
22 13 16 00-0431	EA	8" x 2" No Hub Cast Iron Reducer	304.10	158.65
		For Below Ground Installation, Add	*11.89*	
		For Work In Restricted Working Space, Add	*71.35*	
22 13 16 00-0432	EA	8" x 3" No Hub Cast Iron Reducer	308.69	158.65
		For Below Ground Installation, Add	*11.89*	
		For Work In Restricted Working Space, Add	*71.35*	
22 13 16 00-0433	EA	8" x 4" No Hub Cast Iron Reducer	316.06	158.65
		For Below Ground Installation, Add	*11.89*	
		For Work In Restricted Working Space, Add	*71.35*	
22 13 16 00-0434	EA	8" x 5" No Hub Cast Iron Reducer	323.73	158.65
		For Below Ground Installation, Add	*11.89*	
		For Work In Restricted Working Space, Add	*71.35*	
22 13 16 00-0435	EA	8" x 6" No Hub Cast Iron Reducer	324.64	158.65
		For Below Ground Installation, Add	*11.89*	
		For Work In Restricted Working Space, Add	*71.35*	
22 13 16 00-0436	EA	10" x 4" No Hub Cast Iron Reducer	393.13	167.34
		For Below Ground Installation, Add	*12.54*	
		For Work In Restricted Working Space, Add	*75.25*	
22 13 16 00-0437	EA	10" x 6" No Hub Cast Iron Reducer	421.44	174.70
		For Below Ground Installation, Add	*13.10*	
		For Work In Restricted Working Space, Add	*78.60*	
22 13 16 00-0438	EA	10" x 8" No Hub Cast Iron Reducer	475.33	189.63
		For Below Ground Installation, Add	*14.21*	
		For Work In Restricted Working Space, Add	*85.29*	

22 13 16 00-0439 No Hub Cast Iron Blind Plugs *(22 13 16 00-0278)*

22 13 16 00-0440	EA	1-1/2" No Hub Cast Iron Blind Plug	30.12	15.17
		For Below Ground Installation, Add	*1.14*	
		For Work In Restricted Working Space, Add	*6.83*	
22 13 16 00-0441	EA	2" No Hub Cast Iron Blind Plug	30.79	15.83
		For Below Ground Installation, Add	*1.19*	
		For Work In Restricted Working Space, Add	*7.12*	
22 13 16 00-0442	EA	3" No Hub Cast Iron Blind Plug	39.75	18.17
		For Below Ground Installation, Add	*1.36*	
		For Work In Restricted Working Space, Add	*8.16*	
22 13 16 00-0443	EA	4" No Hub Cast Iron Blind Plug	52.77	23.96
		For Below Ground Installation, Add	*1.80*	
		For Work In Restricted Working Space, Add	*10.78*	
22 13 16 00-0444	EA	5" No Hub Cast Iron Blind Plug	73.55	28.20
		For Below Ground Installation, Add	*2.11*	
		For Work In Restricted Working Space, Add	*12.68*	
22 13 16 00-0445	EA	6" No Hub Cast Iron Blind Plug	81.20	33.04
		For Below Ground Installation, Add	*2.48*	
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0446	EA	8" No Hub Cast Iron Blind Plug	163.32	42.48
		For Below Ground Installation, Add	*3.18*	
		For Work In Restricted Working Space, Add	*19.10*	
22 13 16 00-0447	EA	10" No Hub Cast Iron Blind Plug	211.85	45.71
		For Below Ground Installation, Add	*3.43*	
		For Work In Restricted Working Space, Add	*20.57*	

22 13 16 00-0448 No Hub Cast Iron P-Traps *(22 13 16 00-0278)*

22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap	73.53	31.65
		For Below Ground Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.23*	
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap	113.86	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap	175.25	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap	320.18	55.86
		For Below Ground Installation, Add	*4.19*	
		For Work In Restricted Working Space, Add	*25.11*	
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap	336.58	66.62
		For Below Ground Installation, Add	*4.99*	
		For Work In Restricted Working Space, Add	*29.96*	

22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap	122.52	40.23
		For Below Ground Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap	179.54	53.50
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap	265.33	70.66
		For Below Ground Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	

22 13 16 00-0458 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange	113.28	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	121.86	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	

22 13 16 00-0461 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend	233.84	47.92
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.57*	

22 13 16 00-0463 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter	82.65	40.23
		For Below Ground Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter	89.57	40.23
		For Below Ground Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.07*	

22 13 16 00-0466 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.

22 13 16 00-0467	EA	1-1/2" No Hub Coupling	9.22	
		For Medium Duty (Fernco MD-2000), Add	*1.20*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.49*	
22 13 16 00-0468	EA	2" No Hub Coupling	9.22	
		For Medium Duty (Fernco MD-2000), Add	*1.20*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.49*	
22 13 16 00-0469	EA	3" No Hub Coupling	10.95	
		For Medium Duty (Fernco MD-2000), Add	*1.42*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.96*	
22 13 16 00-0470	EA	4" No Hub Coupling	13.00	
		For Medium Duty (Fernco MD-2000), Add	*1.69*	
		For Heavy-Duty (Fernco HD-4000), Add	*3.51*	
22 13 16 00-0471	EA	5" No Hub Coupling	30.06	
		For Medium Duty (Fernco MD-2000), Add	*3.91*	
		For Heavy-Duty (Fernco HD-4000), Add	*8.12*	
22 13 16 00-0472	EA	6" No Hub Coupling	33.03	
		For Medium Duty (Fernco MD-2000), Add	*4.29*	
		For Heavy-Duty (Fernco HD-4000), Add	*8.92*	
22 13 16 00-0473	EA	8" No Hub Coupling	62.23	
		For Medium Duty (Fernco MD-2000), Add	*8.09*	
		For Heavy-Duty (Fernco HD-4000), Add	*16.80*	
22 13 16 00-0474	EA	10" No Hub Coupling	85.73	
		For Medium Duty (Fernco MD-2000), Add	*11.14*	
		For Heavy-Duty (Fernco HD-4000), Add	*23.15*	
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	10.95	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	16.98	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	23.69	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	20.19	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0870 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	49.55	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.14	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	53.70	
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	62.65	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	118.27	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	162.38	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	284.49	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	434.73	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare, Existing In-Place 1-1/2" Diameter Cast Iron Pipe, No Hub	10.89	
		For Work In Restricted Working Space, Add	*3.27*	
22 13 16 00-0490	EA	Cut And Prepare, Existing In-Place 2" Diameter Cast Iron Pipe, No Hub	13.31	
		For Work In Restricted Working Space, Add	*3.99*	
22 13 16 00-0491	EA	Cut And Prepare, Existing In-Place 3" Diameter Cast Iron Pipe, No Hub	14.52	
		For Work In Restricted Working Space, Add	*4.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0492	EA	Cut And Prepare, Existing In-Place 4" Diameter Cast Iron Pipe, No Hub	18.15	
		For Work In Restricted Working Space, Add	*5.45*	
22 13 16 00-0493	EA	Cut And Prepare, Existing In-Place 6" Diameter Cast Iron Pipe, No Hub	21.78	
		For Work In Restricted Working Space, Add	*6.53*	
22 13 16 00-0494	EA	Cut And Prepare, Existing In-Place 8" Diameter Cast Iron Pipe, No Hub	29.05	
		For Work In Restricted Working Space, Add	*8.72*	
22 13 16 00-0495	EA	Cut And Prepare, Existing In-Place 10" Diameter Cast Iron Pipe, No Hub	33.88	
		For Work In Restricted Working Space, Add	*10.16*	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0451 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Diameter, Hard Drawn DWV Copper Tube/Pipe	19.47	5.24
22 13 16 00-0498	LF	1-1/2" Diameter, Hard Drawn DWV Copper Tube/Pipe	23.35	5.85
22 13 16 00-0499	LF	2" Diameter, Hard Drawn DWV Copper Tube/Pipe	30.16	7.21
22 13 16 00-0500	LF	3" Diameter, Hard Drawn DWV Copper Tube/Pipe	63.69	9.99
22 13 16 00-0501	LF	4" Diameter, Hard Drawn DWV Copper Tube/Pipe	90.48	11.28
22 13 16 00-0502	LF	5" Diameter, Hard Drawn DWV Copper Tube/Pipe	183.05	12.96
22 13 16 00-0503	LF	6" Diameter, Hard Drawn DWV Copper Tube/Pipe	260.17	20.07

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)*

22 13 16 00-0506 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0505)

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.

22 13 16 00-0507	LF	1-1/2" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.30	
		For Work In Restricted Working Space, Add	*2.61*	
22 13 16 00-0508	LF	2" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	15.91	
		For Work In Restricted Working Space, Add	*3.18*	
22 13 16 00-0509	LF	3" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	26.37	
		For Work In Restricted Working Space, Add	*4.49*	
22 13 16 00-0510	LF	4" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	34.35	
		For Work In Restricted Working Space, Add	*4.95*	
22 13 16 00-0511	LF	6" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	63.40	
		For Work In Restricted Working Space, Add	*6.37*	
22 13 16 00-0512	LF	8" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	90.86	
		For Work In Restricted Working Space, Add	*8.52*	
22 13 16 00-0513	LF	10" Diameter, Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	131.96	
		For Work In Restricted Working Space, Add	*11.36*	

22 13 16 00-0514 Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0505)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0515	LF	1-1/2" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	26.27	4.68
		For Work In Restricted Working Space, Add	*5.36*	
22 13 16 00-0516	LF	2" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	29.50	5.57
		For Work In Restricted Working Space, Add	*5.96*	
22 13 16 00-0517	LF	3" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	41.99	8.02
		For Work In Restricted Working Space, Add	*7.42*	
22 13 16 00-0518	LF	4" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	53.76	8.69
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0519	LF	6" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	85.95	11.15
		For Work In Restricted Working Space, Add	*10.37*	
22 13 16 00-0520	LF	8" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	114.10	14.83
		For Work In Restricted Working Space, Add	*11.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0521	LF	10" Diameter, Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	160.78	19.84
		For Work In Restricted Working Space, Add	*15.49*	

22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: Excludes fittings or hangers.

22 13 16 00-0523 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0522)*

Note: Excludes fittings or hangers.

22 13 16 00-0524	LF	1-1/2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	9.99	4.68
		For Work In Restricted Working Space, Add	*2.09*	
22 13 16 00-0525	LF	2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	12.32	5.57
		For Work In Restricted Working Space, Add	*2.51*	
22 13 16 00-0526	LF	3" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	19.94	8.02
		For Work In Restricted Working Space, Add	*3.60*	
22 13 16 00-0527	LF	4" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	24.22	8.69
		For Work In Restricted Working Space, Add	*3.90*	
22 13 16 00-0528	LF	6" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	36.45	10.98
		For Work In Restricted Working Space, Add	*4.93*	
22 13 16 00-0529	LF	8" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	52.31	14.60
		For Work In Restricted Working Space, Add	*6.59*	
22 13 16 00-0530	LF	10" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	75.78	19.53
		For Work In Restricted Working Space, Add	*8.78*	

22 13 16 00-0531 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0522)*

Note: Excludes fittings or hangers.

22 13 16 00-0532	LF	1-1/2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	9.08	4.68
		For Work In Restricted Working Space, Add	*2.09*	
22 13 16 00-0533	LF	2" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.25	5.57
		For Work In Restricted Working Space, Add	*2.51*	
22 13 16 00-0534	LF	3" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	17.91	8.02
		For Work In Restricted Working Space, Add	*3.60*	
22 13 16 00-0535	LF	4" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	21.54	8.69
		For Work In Restricted Working Space, Add	*3.90*	
22 13 16 00-0536	LF	6" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	31.45	10.98
		For Work In Restricted Working Space, Add	*4.93*	
22 13 16 00-0537	LF	8" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	45.28	14.60
		For Work In Restricted Working Space, Add	*6.59*	
22 13 16 00-0538	LF	10" Diameter, Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	68.13	19.53
		For Work In Restricted Working Space, Add	*8.78*	

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0504)*

22 13 16 00-0540 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0539)*

22 13 16 00-0541	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	36.53	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0542	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	46.67	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0543	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	82.11	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0544	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	128.28	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0545	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	513.91	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0546	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	853.72	64.98
		For Work In Restricted Working Space, Add	*29.26*	
22 13 16 00-0547	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	1,127.02	86.60
		For Work In Restricted Working Space, Add	*39.01*	

22 13 16 00-0548 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0539)*

22 13 16 00-0549	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	60.88	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0550	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	60.68	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0551	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	118.13	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0552	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	194.33	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0553	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	386.33	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0554	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	686.06	64.98
		For Work In Restricted Working Space, Add	*29.26*	
22 13 16 00-0555	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	1,124.01	86.60
		For Work In Restricted Working Space, Add	*39.01*	

22 13 16 00-0556 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0539)*

22 13 16 00-0557	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	38.53	18.62
		For Work In Restricted Working Space, Add	*8.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0558	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	46.50	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0559	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	79.11	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0560	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	113.60	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0561	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	476.55	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0562	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	766.89	64.98
		For Work In Restricted Working Space, Add	*29.26*	
22 13 16 00-0563	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	871.59	86.60
		For Work In Restricted Working Space, Add	*39.01*	

22 13 16 00-0564 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0565	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	57.31	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0566	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	75.68	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0567	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	130.93	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0568	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	196.17	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0569	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	763.48	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 13 16 00-0570	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	992.80	97.41
		For Work In Restricted Working Space, Add	*43.89*	

22 13 16 00-0571 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0572	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	73.72	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0573	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	88.30	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0574	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	71.78	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0575	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	107.06	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 13 16 00-0576	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	108.79	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0577	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	130.37	46.37
		For Work In Restricted Working Space, Add	*20.90*	
22 13 16 00-0578	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	226.16	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0579	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	287.16	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 13 16 00-0580	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	733.57	66.76
		For Work In Restricted Working Space, Add	*30.09*	
22 13 16 00-0581	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,329.72	83.48
		For Work In Restricted Working Space, Add	*37.62*	
22 13 16 00-0582	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,409.14	89.06
		For Work In Restricted Working Space, Add	*40.12*	

22 13 16 00-0583 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0584	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	102.43	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0585	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	139.71	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0586	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	287.65	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0587	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	419.82	74.23
		For Work In Restricted Working Space, Add	*33.44*	

22 13 16 00-0588 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0589	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	125.34	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0590	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	220.97	50.49
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0591	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	255.61	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0592	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	470.21	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 13 16 00-0593	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	492.87	68.99
		For Work In Restricted Working Space, Add	*31.10*	

22 13 16 00-0594 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0539)*

22 13 16 00-0595	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	49.11	21.17
		For Work In Restricted Working Space, Add	*9.53*	
22 13 16 00-0596	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	93.27	25.18
		For Work In Restricted Working Space, Add	*11.37*	
22 13 16 00-0597	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	88.16	27.86
		For Work In Restricted Working Space, Add	*12.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0598	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	137.43	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0599	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	147.72	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 13 16 00-0600	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	544.67	40.12
		For Work In Restricted Working Space, Add	*18.05*	
22 13 16 00-0601	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	453.18	42.69
		For Work In Restricted Working Space, Add	*19.22*	
22 13 16 00-0602	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	1,144.28	51.05
		For Work In Restricted Working Space, Add	*22.99*	
22 13 16 00-0603	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	963.42	56.61
		For Work In Restricted Working Space, Add	*25.49*	
22 13 16 00-0604	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	1,296.87	67.43
		For Work In Restricted Working Space, Add	*30.37*	
22 13 16 00-0605	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	1,010.75	75.79
		For Work In Restricted Working Space, Add	*34.13*	
22 13 16 00-0606		**Polyvinyl Chloride (PVC) DWV P-Traps** *(22 13 16 00-0539)*		
22 13 16 00-0607	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	72.16	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0608	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	94.86	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0609	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	277.87	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0610	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	574.09	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0611	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	975.92	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 13 16 00-0612		**Polyvinyl Chloride (PVC) DWV Closet Flanges** *(22 13 16 00-0539)*		
22 13 16 00-0613	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	113.94	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0614	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	92.51	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 13 16 00-0615		**Polyvinyl Chloride (PVC) DWV Wyes** *(22 13 16 00-0539)*		
22 13 16 00-0616	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	72.82	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0617	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	84.69	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0618	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	142.44	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0619	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	215.01	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0620	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	692.77	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 13 16 00-0621	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	858.47	97.41
		For Work In Restricted Working Space, Add	*43.89*	
22 13 16 00-0622	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	1,129.56	129.84
		For Work In Restricted Working Space, Add	*58.51*	
22 13 16 00-0623		**Polyvinyl Chloride (PVC) DWV Reducing Wyes** *(22 13 16 00-0539)*		
22 13 16 00-0624	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	101.07	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0625	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	104.47	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0626	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	148.06	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 13 16 00-0627	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	120.30	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0628	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	206.52	46.37
		For Work In Restricted Working Space, Add	*20.90*	
22 13 16 00-0629	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	179.13	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0630	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	202.94	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 13 16 00-0631	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	626.27	64.19
		For Work In Restricted Working Space, Add	*28.92*	
22 13 16 00-0632	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	778.00	66.76
		For Work In Restricted Working Space, Add	*30.09*	
22 13 16 00-0633	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	735.78	83.48
		For Work In Restricted Working Space, Add	*37.62*	
22 13 16 00-0634	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	932.41	89.06
		For Work In Restricted Working Space, Add	*40.12*	
22 13 16 00-0635	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	845.60	105.10
		For Work In Restricted Working Space, Add	*47.37*	
22 13 16 00-0636	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,058.49	110.67
		For Work In Restricted Working Space, Add	*49.88*	
22 13 16 00-0637	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,234.36	119.03
		For Work In Restricted Working Space, Add	*53.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0638 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0539)*

22 13 16 00-0639	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	121.77	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0640	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	156.22	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0641	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	315.17	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0642	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	556.08	74.23
		For Work In Restricted Working Space, Add	*33.44*	
22 13 16 00-0643	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,151.87	96.52
		For Work In Restricted Working Space, Add	*43.47*	
22 13 16 00-0644	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,331.52	129.96
		For Work In Restricted Working Space, Add	*58.52*	
22 13 16 00-0645	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	2,070.99	173.20
		For Work In Restricted Working Space, Add	*78.01*	

22 13 16 00-0646 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0539)*

22 13 16 00-0647	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	141.08	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0648	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	268.23	50.49
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0649	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	246.87	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0650	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	357.93	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 13 16 00-0651	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	455.72	68.99
		For Work In Restricted Working Space, Add	*31.10*	
22 13 16 00-0652	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	706.44	85.38
		For Work In Restricted Working Space, Add	*38.45*	
22 13 16 00-0653	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	826.59	102.09
		For Work In Restricted Working Space, Add	*45.98*	
22 13 16 00-0654	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,055.22	113.24
		For Work In Restricted Working Space, Add	*50.99*	
22 13 16 00-0655	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	1,114.10	123.72
		For Work In Restricted Working Space, Add	*55.73*	
22 13 16 00-0656	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,451.42	134.86
		For Work In Restricted Working Space, Add	*60.74*	
22 13 16 00-0657	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,757.40	151.58
		For Work In Restricted Working Space, Add	*68.27*	

22 13 16 00-0658 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0539)*

22 13 16 00-0659	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	92.17	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0660	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	114.87	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0661	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	233.16	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0662	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	418.48	55.73
		For Work In Restricted Working Space, Add	*25.08*	

22 13 16 00-0663 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0539)*

22 13 16 00-0664	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	176.69	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0665	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	282.65	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 13 16 00-0666	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	203.75	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0667	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	380.55	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0668	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	412.20	53.06
		For Work In Restricted Working Space, Add	*23.91*	

22 13 16 00-0669 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0539)*

22 13 16 00-0670	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	136.79	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0671	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	157.89	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0672	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	246.28	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0673	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	903.99	74.23
		For Work In Restricted Working Space, Add	*33.44*	
22 13 16 00-0674	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	3,022.21	96.52
		For Work In Restricted Working Space, Add	*43.47*	

22 13 16 00-0675 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0539)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0676	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	328.74	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0677	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	532.92	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0678	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	928.81	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 13 16 00-0679	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	836.53	68.99
		For Work In Restricted Working Space, Add	*31.10*	
22 13 16 00-0680	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	2,007.93	85.38
		For Work In Restricted Working Space, Add	*38.45*	

22 13 16 00-0681 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0539)*

22 13 16 00-0682	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	201.14	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0683	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	353.93	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0684	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	574.17	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0685	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,534.18	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 13 16 00-0686	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,921.13	97.41
		For Work In Restricted Working Space, Add	*43.89*	
22 13 16 00-0687	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	2,549.21	129.84
		For Work In Restricted Working Space, Add	*58.51*	

22 13 16 00-0688 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0539)*

22 13 16 00-0689	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	53.38	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0690	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	76.85	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0691	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	111.30	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0692	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	204.66	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0693	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	481.22	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0694	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,094.30	64.98
		For Work In Restricted Working Space, Add	*29.26*	
22 13 16 00-0695	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	2,026.16	86.60
		For Work In Restricted Working Space, Add	*38.99*	

22 13 16 00-0696 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0539)*

22 13 16 00-0697	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	35.42	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0698	EA	2" Polyvinyl Chloride (PVC) Couplings	44.17	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0699	EA	3" Polyvinyl Chloride (PVC) Couplings	69.66	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0700	EA	4" Polyvinyl Chloride (PVC) Couplings	91.46	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0701	EA	6" Polyvinyl Chloride (PVC) Couplings	269.60	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0702	EA	8" Polyvinyl Chloride (PVC) Couplings	667.08	64.98
		For Work In Restricted Working Space, Add	*29.26*	
22 13 16 00-0703	EA	10" Polyvinyl Chloride (PVC) Couplings	1,012.64	86.60
		For Work In Restricted Working Space, Add	*39.01*	

22 13 16 00-0704 Polyvinyl Chloride (PVC) Male Adapters *(22 13 16 00-0539)*

22 13 16 00-0705	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	21.60	9.25
22 13 16 00-0706	EA	2" Polyvinyl Chloride (PVC) Male Adapters	36.67	11.93
22 13 16 00-0707	EA	3" Polyvinyl Chloride (PVC) Male Adapters	76.17	15.94
22 13 16 00-0708	EA	4" Polyvinyl Chloride (PVC) Male Adapters	147.52	18.62

22 13 16 00-0709 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: In place piping.

22 13 16 00-0710	EA	1-1/2" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.17	
22 13 16 00-0711	EA	2" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.99	
22 13 16 00-0712	EA	3" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	11.43	
22 13 16 00-0713	EA	4" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	15.43	
22 13 16 00-0714	EA	6" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	22.05	
22 13 16 00-0715	EA	8" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	29.41	
22 13 16 00-0716	EA	10" Diameter, Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	35.94	

22 13 16 00-0717 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0718		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies** *(22 13 16 00-0717)* Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0719	LF	1-1/2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.70	4.68
		For Work In Restricted Working Space, Add	*6.41*	
22 13 16 00-0720	LF	2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.79	5.57
		For Work In Restricted Working Space, Add	*7.10*	
22 13 16 00-0721	LF	3" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	42.31	8.02
		For Work In Restricted Working Space, Add	*8.82*	
22 13 16 00-0722	LF	4" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.85	8.69
		For Work In Restricted Working Space, Add	*9.80*	
22 13 16 00-0723	LF	6" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	82.47	11.15
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0724		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628)** *(22 13 16 00-0717)* Note: Excludes fittings or hangers.		
22 13 16 00-0725	LF	1-1/2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	9.66	4.68
		For Work In Restricted Working Space, Add	*2.09*	
22 13 16 00-0726	LF	2" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	11.99	5.57
		For Work In Restricted Working Space, Add	*2.51*	
22 13 16 00-0727	LF	3" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	19.50	8.02
		For Work In Restricted Working Space, Add	*3.60*	
22 13 16 00-0728	LF	4" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	23.75	8.69
		For Work In Restricted Working Space, Add	*3.90*	
22 13 16 00-0729	LF	6" Diameter, Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	38.32	10.98
		For Work In Restricted Working Space, Add	*4.93*	
22 13 16 00-0730		**Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661)** *(22 13 16 00-0717)*		
22 13 16 00-0731		**Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends** *(22 13 16 00-0730)*		
22 13 16 00-0732	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	39.37	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0733	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	52.07	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0734	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	98.58	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0735	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	154.99	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0736	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	442.89	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0737		**Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends** *(22 13 16 00-0730)*		
22 13 16 00-0738	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	55.28	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0739	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	67.63	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0740	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	137.20	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0741	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	231.82	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0742		**Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends** *(22 13 16 00-0730)*		
22 13 16 00-0743	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	41.52	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0744	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	50.57	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0745	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	90.66	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0746	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	140.36	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0747	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	458.31	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0748		**Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees** *(22 13 16 00-0730)*		
22 13 16 00-0749	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	61.40	27.86
		For Work In Restricted Working Space, Add	*12.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0750	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	82.96	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0751	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	146.95	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0752	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	227.81	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0753	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	890.41	72.33
		For Work In Restricted Working Space, Add	*32.60*	

22 13 16 00-0754 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0755	EA	2" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	76.95	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0756	EA	2" x 1-1/2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	93.48	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0757	EA	2" x 2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	77.84	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0758	EA	3" x 3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	119.19	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 13 16 00-0759	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	123.62	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0760	EA	4" x 4" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	277.53	46.37
		For Work In Restricted Working Space, Add	*20.90*	
22 13 16 00-0761	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	267.60	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0762	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	307.23	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 13 16 00-0763	EA	6" x 6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	974.34	66.76
		For Work In Restricted Working Space, Add	*30.09*	

22 13 16 00-0764 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0765	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	115.26	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0766	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	158.19	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0767	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	339.85	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0768	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	502.51	74.23
		For Work In Restricted Working Space, Add	*33.44*	

22 13 16 00-0769 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0770	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	131.06	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0771	EA	3" x 3" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	200.15	50.49
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0772	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	230.73	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0773	EA	4" x 4" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	414.05	59.93
		For Work In Restricted Working Space, Add	*27.00*	
22 13 16 00-0774	EA	4" x 4" x 3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	435.08	67.94
		For Work In Restricted Working Space, Add	*30.62*	

22 13 16 00-0775 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes *(22 13 16 00-0730)*

22 13 16 00-0776	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	81.26	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0777	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	94.01	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0778	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	161.55	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0779	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	250.63	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0780	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	721.62	72.33
		For Work In Restricted Working Space, Add	*32.60*	

22 13 16 00-0781 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0730)*

22 13 16 00-0782	EA	2" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	116.10	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0783	EA	2" x 2" X 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	119.28	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0784	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	135.44	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0785	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	207.77	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0786	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	236.49	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 13 16 00-0787	EA	6" x 6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	606.73	66.76
		For Work In Restricted Working Space, Add	*30.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0788		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes** *(22 13 16 00-0730)*		
22 13 16 00-0789	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	139.65	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0790	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	179.27	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0791	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	374.90	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0792	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	676.73	74.23
		For Work In Restricted Working Space, Add	*33.44*	
22 13 16 00-0793		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes** *(22 13 16 00-0730)*		
22 13 16 00-0794	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	162.11	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0795	EA	3" x 3" x 1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	272.63	50.49
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0796	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	290.76	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0797	EA	4" x 4" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	430.31	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 13 16 00-0798	EA	4" x 4" x 3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	551.33	68.99
		For Work In Restricted Working Space, Add	*31.10*	
22 13 16 00-0799		**Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend** *(22 13 16 00-0730)*		
22 13 16 00-0800	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	104.83	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0801	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	135.41	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0802	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	206.85	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0803	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	347.26	54.88
		For Work In Restricted Working Space, Add	*24.70*	
22 13 16 00-0804		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend** *(22 13 16 00-0730)*		
22 13 16 00-0805	EA	2" x 2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	115.93	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 13 16 00-0806	EA	3" x 3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	218.93	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 13 16 00-0807	EA	3" x 3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	163.91	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 13 16 00-0808	EA	4" x 4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	292.19	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 13 16 00-0809	EA	4" x 4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	316.44	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 13 16 00-0810		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend** *(22 13 16 00-0730)*		
22 13 16 00-0811	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	219.61	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0812	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	437.86	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 13 16 00-0813		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend** *(22 13 16 00-0730)*		
22 13 16 00-0814	EA	2" x 2" x 1-1/2" x 1-1/2 Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	182.86	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 13 16 00-0815	EA	3" x 3" x 2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	419.76	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0816		**Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug** *(22 13 16 00-0730)*		
22 13 16 00-0817	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	115.93	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0818	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	146.51	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0819	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	231.66	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0820	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	382.24	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0821		**Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug** *(22 13 16 00-0730)*		
22 13 16 00-0822	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	53.27	18.62
		For Work In Restricted Working Space, Add	*8.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0823	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	76.67	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0824	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	110.95	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0825	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	204.11	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0826	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	479.80	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0827		**Acrylonitrile Butadiene Styrene (ABS) DWV Couplings** *(22 13 16 00-0730)*		
22 13 16 00-0828	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	36.62	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0829	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	44.90	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0830	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	73.04	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0831	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	97.15	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0832	EA	6" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	277.17	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0833		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducers** *(22 13 16 00-0730)*		
22 13 16 00-0834	EA	2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	53.97	21.17
		For Work In Restricted Working Space, Add	*9.53*	
22 13 16 00-0835	EA	3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	108.30	25.18
		For Work In Restricted Working Space, Add	*11.37*	
22 13 16 00-0836	EA	3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	100.83	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0837	EA	4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	162.14	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0838	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	173.64	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 13 16 00-0839		**Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps** *(22 13 16 00-0730)*		
22 13 16 00-0840	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	84.85	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0841	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	123.18	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 13 16 00-0842	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	391.05	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 13 16 00-0843	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	737.46	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 13 16 00-0844		**Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges** *(22 13 16 00-0730)*		
22 13 16 00-0845	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	115.84	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 13 16 00-0846	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	108.20	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 13 16 00-0847		**Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters** *(22 13 16 00-0730)*		
22 13 16 00-0848	EA	1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	25.11	9.25
		For Work In Restricted Working Space, Add	*4.18*	
22 13 16 00-0849	EA	2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	37.65	11.93
		For Work In Restricted Working Space, Add	*5.35*	
22 13 16 00-0850	EA	3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	81.68	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 13 16 00-0851	EA	4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	155.54	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 13 16 00-0852		**Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings** *(22 13 16 00-0730)*		
22 13 16 00-0853	EA	2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	41.00	21.17
		For Work In Restricted Working Space, Add	*9.53*	
22 13 16 00-0854	EA	3" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	87.72	25.18
		For Work In Restricted Working Space, Add	*11.37*	
22 13 16 00-0855	EA	3" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	73.46	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 13 16 00-0856	EA	4" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	160.53	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 13 16 00-0857	EA	4" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	118.36	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 13 16 00-0858	EA	6" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	324.04	42.03
		For Work In Restricted Working Space, Add	*18.93*	
22 13 16 00-0859		**Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings** *(22 13 16 00-0730)*		
22 13 16 00-0860	EA	1-1/2" x 1-1/2" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	152.95	18.62
		For Work In Restricted Working Space, Add	*8.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0861	EA	2" x 2" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	169.09	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 13 16 00-0862	EA	3" x 3" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	189.69	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0863	EA	4" x 4" Diameter, Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	205.84	37.11
		For Work In Restricted Working Space, Add	*16.72*	

22 13 16 00-0864 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe

(22 13 16 00-0717)

Note: In place piping.

22 13 16 00-0865	EA	1-1/2" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.17	
22 13 16 00-0866	EA	2" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.99	
22 13 16 00-0867	EA	3" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	11.43	
22 13 16 00-0868	EA	4" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	15.43	
22 13 16 00-0869	EA	6" Diameter, Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	22.05	

22 13 16 00-0870 Elastomeric Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-0871 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings

(22 13 16 00-0870)

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0872	EA	1-1/4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	14.72	4.84
22 13 16 00-0873	EA	1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	15.85	5.14
22 13 16 00-0874	EA	2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	16.67	5.44
22 13 16 00-0875	EA	3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	19.30	5.75
22 13 16 00-0876	EA	4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	21.88	6.05
22 13 16 00-0877	EA	5" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	28.03	6.35
22 13 16 00-0878	EA	6" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	34.23	6.66
22 13 16 00-0879	EA	8" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	46.69	7.26
22 13 16 00-0880	EA	10" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	61.68	8.47

22 13 16 00-0881 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0870)*

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0882	EA	1-1/2" Diameter x 1-1/4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	15.65	5.14
22 13 16 00-0883	EA	2" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	17.00	5.44
22 13 16 00-0884	EA	3" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	20.92	5.75
22 13 16 00-0885	EA	3" Diameter x 2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	18.71	5.75
22 13 16 00-0886	EA	4" Diameter x 1-1/2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	25.85	6.05
22 13 16 00-0887	EA	4" Diameter x 2" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	24.72	6.05
22 13 16 00-0888	EA	4" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	22.63	6.05
22 13 16 00-0889	EA	5" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	32.94	6.35
22 13 16 00-0890	EA	5" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	29.74	6.35
22 13 16 00-0891	EA	6" Diameter x 3" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	40.83	6.66
22 13 16 00-0892	EA	6" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	36.05	6.66
22 13 16 00-0893	EA	6" Diameter x 5" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	37.38	6.66
22 13 16 00-0894	EA	8" Diameter x 4" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	73.44	12.10
22 13 16 00-0895	EA	8" Diameter x 6" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	60.17	12.10
22 13 16 00-0896	EA	10" Diameter x 8" Diameter, Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	76.22	13.61

22 13 16 00-0897 Elastomeric Flexible Expansion Joint Couplings (Fernco XJ) *(22 13 16)*

Note: Includes stainless steel clamps.

22 13 16 00-0898	EA	1-1/2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-150)	29.32	5.14
22 13 16 00-0899	EA	2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-2)	32.55	5.44
22 13 16 00-0900	EA	3" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-3)	34.92	5.75
22 13 16 00-0901	EA	4" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-4)	41.57	6.05

22 13 16 00-0902 Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

22 13 16 00-0903	EA	1-1/2" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-101)	53.74	32.67
22 13 16 00-0904	EA	2" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-102)	57.67	34.73
22 13 16 00-0905	EA	3" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-103)	66.83	39.81
22 13 16 00-0906	EA	4" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-104)	88.16	52.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0907	EA	5" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-105)	105.70	62.93
22 13 16 00-0908	EA	6" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-106)	121.77	72.60
22 13 16 00-0909	EA	8" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-108)	163.92	91.96
22 13 16 00-0910	EA	10" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-110)	202.58	102.86
22 13 16 00-0911	EA	12" Diameter, Elastomeric Flexible Pipe Cap (Fernco QC-112)	258.12	114.35
22 13 16 00-0912		Seamless Pipe Vent Flashing For Multiple Pipe *(22 13 16)*		
		Note: Elmdor/Stoneman #910.		
22 13 16 00-0913	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 4 Lb.)	533.83	127.06
22 13 16 00-0914	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 6 Lb.)	557.41	127.06
22 13 16 00-0915	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 4 Lb.)	597.55	148.24
22 13 16 00-0916	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 6 Lb.)	630.66	148.24
22 13 16 00-0917	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 4 Lb.)	676.73	172.44
22 13 16 00-0918	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 6 Lb.)	721.83	172.44
22 13 16 00-0919		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*		
22 13 16 00-0920	EA	1-1/2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	102.36	25.07
22 13 16 00-0921	EA	2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	107.93	27.86
22 13 16 00-0922	EA	3" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	161.93	36.22
22 13 16 00-0923	EA	4" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	189.85	41.80
22 13 16 00-0924	EA	5" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	221.50	47.37
22 13 16 00-0925	EA	6" Diameter, Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	374.31	52.94
22 13 16 00-0926		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*		
22 13 16 00-0927	EA	1-1/2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	213.07	25.07
22 13 16 00-0928	EA	2" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	218.64	27.86
22 13 16 00-0929	EA	3" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	259.72	36.22
22 13 16 00-0930	EA	4" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	325.15	41.80
22 13 16 00-0931	EA	5" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	444.92	47.37
22 13 16 00-0932	EA	6" Diameter, Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	456.06	52.94
22 13 16 00-0933		Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)*		
		Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0934	EA	1-1/2" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	407.80	25.07
22 13 16 00-0935	EA	2" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	413.37	27.86
22 13 16 00-0936	EA	3" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	474.79	36.22
22 13 16 00-0937	EA	4" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	534.37	41.80
22 13 16 00-0938	EA	5" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	623.76	47.37
22 13 16 00-0939	EA	6" Diameter, Cast Iron Vandal Proof Hooded Vent Cap	681.47	52.94

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001		Round Top Floor Drains *(22 13 19 13)*		
22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet	840.38	119.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	923.06	134.30
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	898.00	148.57
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	928.59	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	841.66	134.30
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	870.31	148.57
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	900.90	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,411.99	134.30
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,440.64	148.57
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,471.23	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,328.93	134.30
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,357.42	148.57
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,388.17	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,461.71	134.19
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,490.32	148.57
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,521.07	163.95
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,314.44	134.19
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,343.05	148.57
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,373.80	163.95
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,200.92	134.19
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,229.53	148.57
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,260.28	163.95
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0024		Square Or Rectangular Top Drains *(22 13 19 13)*		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	999.35	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,028.28	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,058.71	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,082.41	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,111.34	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,141.77	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,447.86	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,476.79	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,507.22	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	938.44	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	967.37	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	997.80	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	1,043.65	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,072.58	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,103.01	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,339.89	134.19
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,368.82	148.68
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,399.25	163.95
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,506.18	148.68
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,536.61	163.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	4,408.74	148.68
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	4,439.17	163.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	4,300.77	148.68
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	4,331.20	163.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,470.01	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,498.94	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,529.37	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,899.15	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,928.08	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,958.51	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,998.82	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,027.75	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,058.18	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,771.25	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,800.18	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,830.61	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,381.42	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,410.35	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,440.78	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,746.87	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,775.80	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,806.23	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,846.54	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,875.47	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,905.90	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,475.01	134.19
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,503.94	148.68
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,534.37	163.95
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,388.66	119.82
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,417.41	134.19
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,446.02	148.57
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,476.77	163.95
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	2,040.34	134.19
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	2,068.95	148.57
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	2,099.70	163.95
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,932.37	134.19
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,960.98	148.57
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,991.73	163.95
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,972.20	119.82
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	3,001.05	134.19
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	3,029.66	148.57
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	3,060.41	163.95
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	3,092.14	179.78
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,211.46	134.19
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,240.39	148.68
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,270.82	163.95
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,302.55	179.78
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	1,962.82	134.19
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	1,991.75	148.68
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,022.18	163.95
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,053.91	179.78
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	2,995.51	134.19
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,024.44	148.68
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,054.87	163.95
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,086.60	179.78
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0102		Other Drains *(22 13 19 13)*		
22 13 19 13-0103		Shower Drains *(22 13 19 13-0102)*		
22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	53.20	12.10
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	59.33	12.10
22 13 19 13-0106	EA	4" Diameter, Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	122.13	24.20
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	108.41	24.20
22 13 19 13-0108		Acid Resistant Floor Drains *(22 13 19 13-0102)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,399.63	119.82
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,428.48	134.19
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,457.09	148.57
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0112 Rotary And Lever Drains *(22 13 19 13-0102)*

22 13 19 13-0113	EA	Lever Drain, 1-1/2" Drain, 3" Sink Opening	276.91	80.81
22 13 19 13-0114	EA	Lever Drain, 2" Drain, 3" Sink Opening	293.61	89.17
22 13 19 13-0115	EA	Lever Drain, 1-1/2" Drain, 3-1/2" Sink Opening	276.91	80.81
22 13 19 13-0116	EA	Lever Drain, 2" Drain, 3-1/2" Sink Opening	293.61	89.17
22 13 19 13-0117	EA	Twist Drain, 1-1/2" Drain, 3" Sink Opening	276.91	80.81
22 13 19 13-0118	EA	Twist Drain, 2" Drain, 3" Sink Opening	293.61	89.17
22 13 19 13-0119	EA	Twist Drain, 1-1/2" Drain, 3-1/2" Sink Opening	276.91	80.81
22 13 19 13-0120	EA	Twist Drain, 2" Drain, 3-1/2" Sink Opening	293.61	89.17
22 13 19 13-0121	EA	Rotary Twist Drain, 1-1/2" To 2" Drain, 3-1/2" Sink Opening (Fisher 16100)	382.56	89.17

22 13 19 13-0122 Floor Receptor *(22 13 19 13)*

22 13 19 13-0123 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*

Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,719.37	134.30
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,748.44	148.79
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,778.55	163.95
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

22 13 19 13-0127 Square Top Floor Receptors *(22 13 19 13-0122)*

Note: With acid resistant coating.

22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	2,033.74	119.82
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	2,062.61	134.30
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	2,091.10	148.57
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,121.85	163.95
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	114.84	13.94
22 13 19 13-0134	EA	2" Diameter, Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	93.09	13.94
22 13 19 13-0135	EA	3" Diameter, Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	101.79	13.94
22 13 19 13-0136	EA	3" Diameter, Trap Guard Drain Insert For 4" Diameter, Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	123.53	13.94
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	110.49	13.94
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	158.56	13.94
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	176.06	13.94
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	219.48	13.94

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,343.04	83.59
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,325.58*	
22 13 19 26-0004	EA	10 GPM, 20 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,566.98	188.08
		For Flange And Clamp Device, Add	*385.55*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,401.52*	
22 13 19 26-0005	EA	15 GPM, 30 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	2,227.42	208.98
		For Flange And Clamp Device, Add	*399.48*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,530.90*	
22 13 19 26-0006	EA	20 GPM, 40 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,691.76	229.87
		For Flange And Clamp Device, Add	*413.41*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,654.84*	
22 13 19 26-0007	EA	25 GPM, 50 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	3,014.12	250.77
		For Flange And Clamp Device, Add	*457.74*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,724.05*	
22 13 19 26-0008	EA	35 GPM, 70 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,702.41	292.57
		For Flange And Clamp Device, Add	*496.81*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,898.33*	
22 13 19 26-0009	EA	50 GPM, 100 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,832.45	334.36
		For Flange And Clamp Device, Add	*565.63*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,025.57*	
22 13 19 26-0010	EA	75 GPM, 150 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	9,516.72	376.16
		For Flange And Clamp Device, Add	*794.78*	
22 13 19 26-0011	EA	100 GPM, 200 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	10,775.20	474.86
		For Flange And Clamp Device, Add	*924.57*	
22 13 19 26-0012	EA	150 GPM, 300 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	13,287.92	759.77
		For Flange And Clamp Device, Add	*1,274.51*	
22 13 19 26-0013	EA	200 GPM, 400 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	19,073.49	949.72
		For Flange And Clamp Device, Add	*1,530.42*	
22 13 19 26-0014	EA	250 GPM, 500 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	22,248.42	1,139.65
		For Flange And Clamp Device, Add	*1,970.01*	
22 13 19 26-0015	EA	350 GPM, 700 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	28,914.46	1,329.60
		For Flange And Clamp Device, Add	*2,334.40*	
22 13 19 26-0016	EA	500 GPM, 1,000 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	37,415.84	1,519.54
		For Flange And Clamp Device, Add	*2,734.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0017		**Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0001)*		
		Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	3,881.77	229.87
		Note: Josam 60115A.		
22 13 19 26-0019	EA	35 GPM, 70 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	4,993.84	292.57
		Note: Josam 60117A.		
22 13 19 26-0020	EA	50 GPM, 100 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	8,246.19	334.36
		Note: Smith 8150.		
22 13 19 26-0021		**Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26)*		
		Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		**Standard Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)*		
		Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	3,413.53	83.59
		Note: Josam 60102-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,325.58*	
22 13 19 26-0024	EA	10 GPM, 20 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	4,014.60	188.08
		Note: Josam 60103-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,401.52*	
22 13 19 26-0025	EA	15 GPM, 30 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	4,288.89	208.98
		Note: Josam 60104-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,530.90*	
22 13 19 26-0026	EA	20 GPM, 40 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	5,235.54	229.87
		Note: Josam 60105-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,654.84*	
22 13 19 26-0027	EA	25 GPM, 50 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	6,312.92	250.77
		Note: Josam 60106-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,724.05*	
22 13 19 26-0028	EA	35 GPM, 70 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	6,525.66	292.57
		Note: Josam 60107-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,898.33*	
22 13 19 26-0029	EA	50 GPM, 100 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	7,449.10	334.36
		Note: Josam 60108-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,025.57*	
22 13 19 26-0030		**Low Profile Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)*		
		Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 Lb. Capacity Low Profile Semi-Automatic Epoxy Coated Steel Grease Interceptor	8,773.45	292.57
		Note: Josam 60115A-SA.		
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor	7,466.18	229.87
		Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).		
22 13 19 26-0034	EA	25 GPM, 91 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor	8,686.24	250.77
		Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).		
22 13 19 26-0035	EA	35 GPM, 70 Lb. Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	7,439.16	292.57
22 13 19 26-0036		**Precast Concrete Grease Interceptor** *(22 13 19 26)*		
		Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	5,571.70	436.61
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	6,370.39	436.61
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	7,230.50	499.14
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	8,237.66	704.91
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	9,285.85	948.40
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	13,915.60	1,247.78
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	17,896.32	2,046.17
22 13 19 26-0044		**Coated Steel Manual Oil Interceptor** *(22 13 19 26)*		
		Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,751.82	318.26
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	7,774.60	378.15
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	9,411.23	465.28
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,220.76	504.01
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	12,298.85	549.99
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	16,274.54	605.05
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	27,483.62	696.59
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,999.69	857.08
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	36,896.18	928.98
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	51,733.20	1,114.55
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	59,723.20	1,198.14
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	75,291.75	1,428.85
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	91,198.84	1,170.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	108,031.90	1,393.18

22 13 19 33 Backwater Valves *(22 13 19)*

22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*

22 13 19 33-0002	EA	2" Diameter, Cast Iron Body Terminal Backwater Valve	769.03	31.99
22 13 19 33-0003	EA	3" Diameter, Cast Iron Body Terminal Backwater Valve	781.29	40.23
22 13 19 33-0004	EA	4" Diameter, Cast Iron Body Terminal Backwater Valve	1,131.41	53.50
22 13 19 33-0005	EA	6" Diameter, Cast Iron Body Terminal Backwater Valve	3,119.07	76.72
22 13 19 33-0006	EA	8" Diameter, Cast Iron Body Terminal Backwater Valve	3,807.52	100.97
22 13 19 33-0007	EA	10" Diameter, Cast Iron Body Terminal Backwater Valve	11,175.57	124.57
22 13 19 33-0008	EA	12" Diameter, Cast Iron Body Terminal Backwater Valve	12,640.69	161.56

22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*

Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.

22 13 19 33-0010	EA	2" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,881.12	76.24
22 13 19 33-0011	EA	3" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,895.99	92.51
22 13 19 33-0012	EA	4" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,575.82	119.25
22 13 19 33-0013	EA	6" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	5,071.89	139.38
22 13 19 33-0014	EA	8" Diameter, Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	7,065.50	165.18

22 13 19 33-0015 Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)*

Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.

22 13 19 33-0016	EA	3" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,261.97	120.71
22 13 19 33-0017	EA	4" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,321.71	160.50
22 13 19 33-0018	EA	5" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,791.73	206.44
22 13 19 33-0019	EA	6" Diameter, Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,827.62	230.15

22 13 19 33-0020 Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)*

Note: Oatey.

22 13 19 33-0021	EA	3" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	145.35	40.23
22 13 19 33-0022	EA	4" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	174.01	53.50
22 13 19 33-0023	EA	6" Diameter, Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	514.85	76.72

22 13 19 33-0024 Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)*

22 13 19 33-0025	EA	3" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	342.99	80.47
22 13 19 33-0026	EA	4" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	456.71	106.99
22 13 19 33-0027	EA	6" Diameter, Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	797.26	153.43

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	170.58	15.60
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	202.66	15.60

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,322.91	157.82
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,324.57	157.82
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,863.44	157.82
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,863.44	157.82
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,985.43	157.82

22 13 23 00-0007 Drum Trap, Solids Interceptors *(22 13 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 23 00-0008 Extra Heavy-Duty Cast Iron Drum Trap *(22 13 23 00-0007)*

22 13 23 00-0009	EA	8-1/2" Diameter x 12-3/4" High Solids Interceptor, 1-1/2" Inlet/Outlet, Extra Heavy Cast Iron	1,511.47	156.04
		For Acid Coating Inside Or Outside, Add	*725.91*	
		For Acid Coating Inside And Outside, Add	*873.78*	
22 13 23 00-0010	EA	8-1/2" Diameter x 12-3/4" High Solids Interceptor, 2" Inlet/Outlet, Extra Heavy Cast Iron	1,539.33	178.32
		For Acid Coating Inside Or Outside, Add	*725.91*	
		For Acid Coating Inside And Outside, Add	*873.78*	

22 13 23 00-0011 Aluminum, Solid Interceptor, Drum Trap *(22 13 23 00-0007)*

22 13 23 00-0012	EA	8-1/2" Diameter x 12-3/4" High Solids Interceptor, 1-1/2" Inlet/Outlet, Aluminum	2,056.73	156.04
22 13 23 00-0013	EA	8-1/2" Diameter x 12-3/4" High Solids Interceptor, 2" Inlet/Outlet, Aluminum	2,084.59	178.32

22 13 23 00-0014 Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*

22 13 23 00-0015	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	330.48	53.97
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0016	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	337.39	57.48
		For Stainless Steel Bucket, Add	*175.00*	

22 13 23 00-0017 Sediment Strainers *(22 13 23)*

22 13 23 00-0018	EA	2" Strainer, Pump Suction Side	195.28	73.47

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)*

Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	7,833.81	1,337.01
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,150.96	1,337.01
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,468.11	1,337.01
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Diameter, Discharge Pipe, 1,750 RPM	8,770.62	1,337.01

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,712.07	1,337.01
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,834.05	1,337.01
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	8,919.44	1,337.01
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	9,504.94	1,337.01
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	10,078.25	1,337.01
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	10,956.50	1,337.01
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	11,834.76	1,337.01
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Diameter, Discharge Pipe, 1,750 RPM	13,597.53	1,779.26

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,323.27	1,337.01
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,323.27	1,337.01
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	9,534.60	1,337.01
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	11,174.40	1,337.01
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	11,462.05	1,337.01
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	13,698.72	1,779.26
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Diameter, Discharge Pipe, 1,750 RPM	14,430.60	1,779.26

22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	

22 13 29 13-0030 Float Switches *(22 13 29 13-0001)*

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	

22 13 29 13-0034 Square Or Round Steel Sump Covers *(22 13 29 13-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	761.93	44.58
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	843.57	50.16
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,170.21	66.87
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,695.88	78.02
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,817.72	80.81
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	1,943.36	83.59
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	2,474.83	100.31
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	3,349.41	111.45
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	4,247.42	139.31
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	5,396.34	153.25

22 13 29 13-0045 Sludge Pumps *(22 13 29 13)*

22 13 29 13-0046 Vortex Type Sludge Pumps *(22 13 29 13-0045)*

Note: 1750 RPM motor, 230/460V, cast iron casing, cast iron impeller, and single stage.

22 13 29 13-0047	EA	15HP Vortex Type Sludge Pump, 4" Flange Connections (Wemco C)	47,603.44	1,668.78
		For Explosion Proof Motor, Add	*375.00*	
22 13 29 13-0048	EA	30HP Vortex Type Sludge Pump, 6" Flange Connections (Wemco C)	66,770.98	2,145.58
		For Explosion Proof Motor, Add	*750.00*	
22 13 29 13-0049	EA	75HP Vortex Type Sludge Pump, 8" Flange Connections (Wemco C)	85,777.25	3,277.97
		For Explosion Proof Motor, Add	*1,125.00*	
22 13 29 13-0050	EA	20 HP Vortex Type Sludge Pump, 8" Intake And 6" Discharge Flange Connections (Wemco E)	36,203.77	1,907.18
		For Explosion Proof Motor, Add	*500.00*	
22 13 29 13-0051	EA	50HP Vortex Type Sludge Pump, 6" Intake And 11" Discharge Flange Connections (Wemco E)	57,803.78	2,622.37
		For Explosion Proof Motor, Add	*1,250.00*	

22 13 29 13-0052 Polymer Feed Sludge Pumps *(22 13 29 13-0045)*

Note: 230/460 volt

22 13 29 13-0053	EA	115 GPM/100 RPM At 0 PSI, Polymer Feed Sludge Pump, 25 HP, 400 RPM Motor, 8" Flange connections (Moyno 1H115G1CDQAAA)	38,538.07	2,055.84
		Note: Single stage, cast iron casing, alloy steel rotor, and nitrile stator.		
		For 75 HP Motor, Add	*17,750.00*	
22 13 29 13-0054	EA	22 GPM/100 RPM At 0 PSI Polymer Feed Sludge Pump, 5 HP, 500 RPM Motor, 6" Flange Connections (Moyno 1E022G1SSFCAA)	28,270.10	668.17
		Note: Single stage, 316 stainless steel casing and rotor, and fluoro-elastomer stator.		
		For 7-1/2 HP Motor, Add	*2,676.00*	
22 13 29 13-0055	EA	12 GPM/100 RPM At 0 PSI Polymer Feed Sludge Pump, 3 HP, 900 RPM Motor, 4" Flange Connections (Moyno 2E012G1SSFCAA)	26,194.61	668.17
		Note: Two stage. 316 stainless steel casing and rotor, and fluoro-elastomer stator.		
22 13 29 13-0056	EA	8 GPM/100 RPM At 0 PSI Polymer Feed Sludge Pump, 3 HP, 900 RPM Motor, 4" Flange Connections (Moyno 1E008G1CSFDAA)	16,888.67	668.17
		Note: Single stage, cast iron body, 316 stainless steel rotor, and fluoro-elastomer stator.		
		For 7-1/2 HP Motor, Add	*2,676.00*	

22 13 29 13-0057 Centrifuge Pilot Pumps *(22 13 29 13-0045)*

22 13 29 13-0058	EA	Centrifuge Pilot Pump, 325 GPM/100 RPM At 0 PSI, Two Stage, 10" Flange Connections (Moyno 2K345G1CDQAAA)	88,541.30	1,966.78
		Note: 25HP, 900 RPM Motor, 230/460 volt, cast iron body, alloy steel rotor, and nitrile stator.		
		For 75 HP Motor, Add	*15,864.00*	
22 13 29 13-0059	EA	620 GPM/100 RPM At 0 PSI Centrifuge Pilot Pump, Single Stage, 10" Flange Connections (Moyno 1K620G1CDQAAA)	93,512.14	1,966.78
		Note: 25HP, 900 RPM Motor, 230/460 volt, cast iron body, alloy steel rotor, and nitrile stator.		
		For 75 HP Motor, Add	*15,864.00*	

22 13 29 16 Submersible Sewerage Pumps *(22 13 29)*

22 13 29 16-0001 Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*

22 13 29 16-0002 Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*

Note: Includes 25' cord.

22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,583.70	81.08
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,689.51	81.08
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,656.95	81.08
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,812.96	81.08
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,812.96	81.08
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,914.16	101.35
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,052.53	101.35
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,070.17	101.35

22 13 29 16-0011 Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*

Note: Includes 20' cord.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,613.54	81.08
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,765.48	81.08
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,693.58	81.08
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,840.09	81.08
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,971.68	81.08
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,830.05	101.35
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,987.42	101.35
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,986.06	101.35
22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,265.26	163.36
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,398.20	163.36
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,421.26	163.36
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,417.47	199.67
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,569.41	199.67
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,573.48	199.67

22 13 29 16-0026 Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*

Note: Includes 20' cord.

22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,917.42	81.08
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,175.18	81.08
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,119.01	101.35
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,275.02	101.35
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,575.92	163.36
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,731.93	163.36
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,729.49	199.67
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,885.49	199.67

22 13 29 16-0035 Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*

Note: Includes 25' of cord with pump.

22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,856.96	101.35
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,192.01	173.46
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,554.96	212.01
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,804.52	256.98
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,511.56	301.95
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	7,272.11	346.92

22 13 29 16-0042 Submersible Sewage Pumps, Explosion Proof *(22 13 29 16)*

Note: Includes 25' of cord with pump.

22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,642.81	363.23
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,046.15	363.23
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,046.15	363.23
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,999.32	484.32
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,402.66	484.32
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,402.66	484.32
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,478.91	605.40
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,882.25	605.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,882.25	605.40
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,842.89	726.48
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,246.23	726.48
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,246.23	726.48
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,762.50	847.56
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,165.84	847.56
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,165.84	847.56
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,099.15	968.63
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,099.15	968.63

22 13 29 16-0060 Submersible Sewage Pump Accessories *(22 13 29 16)*

22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	759.58	86.21
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	785.50	86.21
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,567.51	114.95
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	2,231.14	114.95
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,791.48	114.95
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	5,014.40	114.95
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	8,024.79	143.69
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	6,756.63	143.69
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,732.58	143.69
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,914.03	143.69
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,834.97	143.69
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,998.50	143.69
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn and warning light. Float switches not included.	3,459.17	143.69
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure Note: Includes alarm horn, warning light and 15' tethered float.	634.71	57.48
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord Note: Not for use with Intrinsically Safe Control Systems.	114.51	28.74
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	132.46	28.74
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord Note: Not for use with Intrinsically Safe Control Systems.	149.35	28.74
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	149.47	28.74
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats Note: Not for use with Intrinsically Safe Control Systems.	466.05	28.74
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	491.17	28.74
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords Note: Not for use with Intrinsically Safe Control Systems.	519.99	28.74
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	560.35	28.74
22 13 29 16-0083	EA	Float Switch Tree Note: Tree only.	243.77	28.74
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	62.91	14.37
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge Note: Lifting equipment not included.	1,310.17	86.21
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge Note: Lifting equipment not included.	2,061.07	114.95
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge Note: Lifting equipment not included.	2,694.33	143.69
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	2,737.47	86.21
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	3,876.67	86.21
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	365.76	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	654.75	71.85
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	651.13	86.21
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	180.19	28.74
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge Note: Used for shallow systems where guide rails are not necessary.	366.28	28.74

22 13 29 33 Sewerage Pump Basins and Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High-Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	161.37
22 13 29 33-0004	EA	18" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	210.06
22 13 29 33-0005	EA	24" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	487.18
22 13 29 33-0006	EA	24" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	686.73
22 13 29 33-0007	EA	30" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	886.28
22 13 29 33-0008	EA	36" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	1,031.94

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	398.01
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	813.43
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,463.76
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,971.88
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,272.66
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,400.21
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,820.52
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,275.67

22 13 29 36 Explosion Proof Submersible Sewerage Pumps *(22 13 29)*

22 13 29 36-0001 Wet Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 Pole, 1,750 RPM (Ebara) *(22 13 29 36)*

22 13 29 36-0002 Ebara 3" Model DLFU Wet Pit Submersible Sewage Pump, 2HP - 30HP *(22 13 29 36-0001)*

22 13 29 36-0003	EA	2 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU61.5	3,458.34	222.91
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*284.75*	
22 13 29 36-0004	EA	2 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU61.5	3,458.34	222.91
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*284.75*	
22 13 29 36-0005	EA	3 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU62.2	4,526.17	267.49
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0006	EA	3 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU62.2	4,398.50	267.49
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0007	EA	5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU63.7	5,082.47	356.66
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0008	EA	5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU63.7	5,212.51	356.66
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0009	EA	7.5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU65.5	7,024.27	445.82
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0010	EA	7.5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU65.5	7,083.38	445.82
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0011	EA	10 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU67.5	8,196.47	534.98
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0012	EA	10 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLCMFU67.5	8,161.00	534.98
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*589.90*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0013	EA	15 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU611	9,447.86	624.15
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0014	EA	15 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLCMFU611	9,411.22	624.15
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*589.90*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0015	EA	20 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU615	10,800.94	713.31
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0016	EA	25 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU618	13,300.73	802.47
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0017	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU622	14,807.49	891.64
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0018		Ebara 4" Model DLFU Wet Pit Submersible Sewage Pump, 2HP - 30HP *(22 13 29 36-0001)*		
22 13 29 36-0019	EA	2 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU61.5	4,181.83	222.91
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0020	EA	3 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU62.2	4,715.32	267.49
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*284.75*	
22 13 29 36-0021	EA	3 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU62.2	4,526.17	267.49
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0022	EA	5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU63.7	5,335.45	356.66
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
		For 20' Stainless Steel Chain, Add	*284.75*	
22 13 29 36-0023	EA	5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFMU63.7	5,082.47	356.66
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0024	EA	7.5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU65.5	7,971.19	445.82
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0025	EA	7.5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU65.5	7,024.27	445.82
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0026	EA	10 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU67.5	8,740.27	534.98
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0027	EA	10 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU67.5	8,196.47	534.98
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0028	EA	15 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU611	9,943.20	624.15
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0029	EA	15 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU611	9,447.86	624.15
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0030	EA	20 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU615	11,331.74	713.31
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0031	EA	20 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU615	10,800.94	713.31
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0032	EA	25 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU618	13,654.20	802.47
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0033	EA	25 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU618	13,300.73	802.47
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0034	EA	30 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU622	15,149.14	891.64
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0035	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU622	14,807.49	891.64
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0036	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU630	22,691.44	891.64
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0037	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU637	28,173.21	891.64
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0038	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU645	29,795.16	891.64
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
		For 20' Stainless Steel Chain, Add	*423.30*	

22 13 29 36-0039 Ebara 6" Model DLFU Wet Pit Submersible Sewage Pump, 10 HP - 60 HP

(22 13 29 36-0001)

22 13 29 36-0040	EA	10 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU67.5	9,093.74	534.98
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0041	EA	15 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU611	10,301.40	624.15
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0042	EA	20 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU615	11,655.66	713.31
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0043	EA	25 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU618	13,491.06	802.47
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0044	EA	30 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU622	15,807.61	891.64
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0045	EA	40 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU630	23,422.70	980.80
		For Guide Rail System, Add	*2,537.25*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0046	EA	50 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU637	28,752.62	1,069.97
		For Guide Rail System, Add	*2,537.25*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0047	EA	60 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU645	30,599.84	1,159.13
		For Guide Rail System, Add	*2,537.25*	
		For 20' Stainless Steel Chain, Add	*423.30*	

22 13 29 36-0048 Ebara 8" Model DLFU Wet Pit Submersible Sewage Pump, 10 HP - 60 HP

(22 13 29 36-0001)

22 13 29 36-0049	EA	10 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU675	9,631.63	534.98
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0050	EA	15 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU611	10,390.06	624.15
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0051	EA	20 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU61	11,666.29	713.31
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0052	EA	25 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU618	13,491.06	802.47
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0053	EA	30 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU622	15,807.61	891.64
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0054	EA	40 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU630	23,049.13	980.80
		For Guide Rail System, Add	*4,195.60*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0055	EA	50 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU637	28,929.95	1,069.97
		For Guide Rail System, Add	*4,195.60*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0056	EA	60 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU645	30,785.45	1,159.13
		For Guide Rail System, Add	*4,195.60*	
		For 20' Stainless Steel Chain, Add	*423.30*	

22 13 29 36-0057 Ebara 10" Model DLFU Wet Pit Submersible Sewage Pump, 15 HP - 60 HP

(22 13 29 36-0001)

22 13 29 36-0058	EA	15 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU611	11,937.54	624.15
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0059	EA	20 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLBFU615	13,060.09	713.31
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0060	EA	20 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLCFU615	13,887.61	713.31
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0061	EA	25 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU618	15,830.59	802.47
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0062	EA	30 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU622	17,202.58	891.64
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0063	EA	40 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU630	24,646.26	980.80
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0064	EA	50 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU637	30,789.51	1,069.97
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0065	EA	60 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU645	32,646.20	1,159.13
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	

22 13 29 36-0066 Ebara 12" Model DLFU Wet Pit Submersible Sewage Pump, 25HP - 60HP

(22 13 29 36-0001)

22 13 29 36-0067	EA	25 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU618	16,558.82	802.47
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0068	EA	30 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU622	17,903.61	891.64
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0069	EA	40 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU630	25,389.85	980.80
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0070	EA	50 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU637	31,474.00	1,069.97
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0071	EA	60 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU645	33,321.22	1,159.13
		For Guide Rail System, Add	*3,562.35*	
		For 20' Stainless Steel Chain, Add	*423.30*	

22 13 29 36-0072 Wet Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 And 6 Pole, 1,750 And 1,180 RPM (Ebara) *(22 13 29 36)*

22 13 29 36-0073 Ebara 6", 8", 10", 12" Model DSC Submersible Sewage Pumps, 75 HP - 245 HP *(22 13 29 36-0072)*

22 13 29 36-0074	EA	75 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G0852	96,632.35	1,248.29
		For Guide Rail System, Add	*4,420.00*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0075	EA	75 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1052	105,674.85	1,248.29
		For Guide Rail System, Add	*4,420.00*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0076	EA	100 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G0932	108,906.73	1,382.04
		For Guide Rail System, Add	*4,420.00*	
		For 20' Stainless Steel Chain, Add	*423.30*	
22 13 29 36-0077	EA	100 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1052	111,447.23	1,382.04
		For Guide Rail System, Add	*4,420.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0078	EA	100 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, Ebara DSC C1203	98,161.89	1,382.04
		For Guide Rail System, Add	*5,695.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0079	EA	120 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G1012	126,996.25	1,515.78
		For Guide Rail System, Add	*5,270.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0080	EA	120 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1152	113,489.84	1,515.78
		For Guide Rail System, Add	*5,270.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0081	EA	145 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G1012	113,582.20	1,694.11
		For Guide Rail System, Add	*6,375.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0082	EA	145 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC F1102	134,860.26	1,694.11
		For Guide Rail System, Add	*6,375.00*	
		For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0083	EA	200 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC F1102	153,517.55	1,872.44
		For Guide Rail System, Add	*6,970.00*	
		For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0084	EA	200 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, Ebara DSC G1102	153,517.55	1,872.44
		For Guide Rail System, Add	*6,970.00*	
		For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0085	EA	245 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC G1102	159,105.85	2,050.76
		For Guide Rail System, Add	*9,180.00*	
		For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0086	EA	245 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, Ebara DSC E1262	161,352.00	2,050.76
		For Guide Rail System, Add	*9,180.00*	
		For 20' Stainless Steel Chain, Add	*845.75*	

22 13 29 36-0087 Dry Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 Pole, 1,750 RPM (Ebara) *(22 13 29 36)*

22 13 29 36-0088 Ebara Model DLFU Dry Pit Submersible Sewage Pump, 15 HP - 60 HP *(22 13 29 36-0087)*

22 13 29 36-0089	EA	3" x 4" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU611	15,019.48	624.15
22 13 29 36-0090	EA	3" x 4" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU615	16,873.80	713.31
22 13 29 36-0091	EA	3" x 4" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU618	18,460.94	802.47
22 13 29 36-0092	EA	3" x 4" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU622	19,626.05	891.64
22 13 29 36-0093	EA	4" x 6" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU611	15,524.27	624.15
22 13 29 36-0094	EA	4" x 6" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU615	16,945.91	713.31
22 13 29 36-0095	EA	4" x 6" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU618	18,964.55	802.47
22 13 29 36-0096	EA	4" x 6" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU622	20,396.83	891.64
22 13 29 36-0097	EA	4" x 6" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU61130	28,741.33	980.80
22 13 29 36-0098	EA	4" x 6" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU637	33,717.77	1,069.97
22 13 29 36-0099	EA	4" x 6" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU645	35,048.39	1,159.13
22 13 29 36-0100	EA	8" x 10" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU611	16,031.43	624.15
22 13 29 36-0101	EA	8" x 10" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU615	17,252.10	713.31
22 13 29 36-0102	EA	8" x 10" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU618	19,096.96	802.47
22 13 29 36-0103	EA	8" x 10" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU622	20,869.70	891.64
22 13 29 36-0104	EA	8" x 10" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU630	29,599.59	980.80
22 13 29 36-0105	EA	8" x 10" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU637	36,570.37	1,069.97
22 13 29 36-0106	EA	8" x 10" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU645	36,974.16	1,159.13
22 13 29 36-0107	EA	8" X 8" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU630	30,652.24	891.64
22 13 29 36-0108	EA	8" X 8" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU637	36,680.32	1,069.97
22 13 29 36-0109	EA	8" X 8" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU645	37,256.70	1,159.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0110	EA	10" x 10" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU630	36,457.42	980.80
22 13 29 36-0111	EA	10" x 10" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU637	36,680.32	1,069.97
22 13 29 36-0112	EA	10" x 10" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU645	37,280.34	1,159.13
22 13 29 36-0113	EA	12" X 12" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU630	31,343.31	980.80
22 13 29 36-0114	EA	12" X 12" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU637	36,860.01	1,069.97
22 13 29 36-0115	EA	12" X 12" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU645	37,350.09	1,159.13
22 13 29 36-0116		Dry Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 And 6 Pole, 1,750 And 1,180 RPM (Ebara) *(22 13 29 36)*		
22 13 29 36-0117		Ebara Model DSC Dry Pit Submersible Sewage Pump, 75 HP - 245 HP *(22 13 29 36-0116)*		
22 13 29 36-0118	EA	10" x 6" 75 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G0852	98,902.07	1,248.29
22 13 29 36-0119	EA	10" x 8" 75 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1052	107,961.54	1,248.29
22 13 29 36-0120	EA	10" x 6" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G0932	111,736.12	1,382.04
22 13 29 36-0121	EA	10" x 8" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1052	113,984.50	1,382.04
22 13 29 36-0122	EA	16" x 12" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC C1203	99,447.74	1,382.04
22 13 29 36-0123	EA	10" x 6" 120 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1012	130,118.43	1,515.78
22 13 29 36-0124	EA	10" x 8" 120 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1152	114,318.86	1,515.78
22 13 29 36-0125	EA	10" x 6" 145 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1012	114,764.69	1,694.11
22 13 29 36-0126	EA	10" x 8" 145 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC F1102	135,830.23	1,694.11
22 13 29 36-0127	EA	12" x 8" 200 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC F1102	161,907.66	1,872.44
22 13 29 36-0128	EA	14" x 10" 200 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1102	158,185.15	1,805.57
22 13 29 36-0129	EA	12" x 8" 245 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1102	161,721.23	2,050.76
22 13 29 36-0130	EA	14" x 10" 245 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1262	161,721.23	2,050.76
22 13 33		**Packaged, Submersible Sewerage Pump Units** *(22 13)*		
22 13 33 00-0001		Submersible Pumps (Flygt) *(22 13 33)*		
22 13 33 00-0002		Wet Pit Submersible Pumps (Flygt) *(22 13 33 00-0001)*		
22 13 33 00-0003		Wet Pit Submersible Explosion Proof Pumps (Flygt) *(22 13 33 00-0002)*		
22 13 33 00-0004	EA	3 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3085) Note: FLS and 50' electrical cable	15,243.29	267.49
22 13 33 00-0005	EA	4 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3085) Note: FLS and 50' electrical cable	15,917.25	312.07
22 13 33 00-0006	EA	5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3102) Note: FLS and 50' electrical cable	19,042.05	356.66
22 13 33 00-0007	EA	7 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3102) Note: FLS and 50' electrical cable	17,979.27	445.82
22 13 33 00-0008	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3127) Note: FLS and 50' electrical cable	25,304.68	490.40
22 13 33 00-0009	EA	10 To 12 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3127) Note: FLS and 50' electrical cable	29,502.24	534.98
22 13 33 00-0010	EA	12 To 14 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	44,499.64	579.57
22 13 33 00-0011	EA	15 To 17 HP, 3" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	46,750.57	624.15
22 13 33 00-0012	EA	20 To 23 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	50,852.66	713.31
22 13 33 00-0013	EA	18 To 25 HP, 4" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	64,169.58	802.47
22 13 33 00-0014	EA	30 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	70,541.73	891.64
22 13 33 00-0015	EA	34 To 35 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	84,761.70	936.21
22 13 33 00-0016	EA	34 To 45 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	117,248.59	980.80
22 13 33 00-0017	EA	50 To 60 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	131,593.98	1,159.13
22 13 33 00-0018	EA	67 To 72 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	127,133.17	1,203.71
22 13 33 00-0019	EA	60 To 70 HP, 10" To 14" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	162,384.31	1,248.29
22 13 33 00-0020	EA	85 HP, 6" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	179,518.14	1,337.46
22 13 33 00-0021	EA	105 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	182,732.30	1,426.62
22 13 33 00-0022	EA	70 To 90 HP, 14" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	160,634.56	1,248.29
22 13 33 00-0023	EA	110 To 140 HP, 10" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	188,519.86	1,515.78
22 13 33 00-0024	EA	130 To 160 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	184,544.10	1,694.11
22 13 33 00-0025	EA	3 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3085) Note: FLS and 50' electrical cable	16,197.52	267.49
22 13 33 00-0026	EA	4 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3085) Note: FLS and 50' electrical cable	16,871.48	312.07
22 13 33 00-0027	EA	5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3102) Note: FLS and 50' electrical cable	20,649.17	356.66
22 13 33 00-0028	EA	7 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3102) Note: FLS and 50' electrical cable	19,586.39	445.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0029	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3127)	26,921.84	490.40
		Note: FLS and 50' electrical cable		
22 13 33 00-0030	EA	10 To 12 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3127)	31,119.40	534.98
		Note: FLS and 50' electrical cable		
22 13 33 00-0031	EA	12 To 14 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153)	46,187.11	579.57
		Note: FLS and 50' electrical cable		
22 13 33 00-0032	EA	15 To 17 HP, 3" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153)	48,438.04	624.15
		Note: FLS and 50' electrical cable		
22 13 33 00-0033	EA	20 To 23 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153)	52,540.14	713.31
		Note: FLS and 50' electrical cable		
22 13 33 00-0034	EA	18 To 25 HP, 4" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171)	67,022.22	802.47
		Note: FLS and 50' electrical cable		
22 13 33 00-0035	EA	30 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171)	73,394.37	891.64
		Note: FLS and 50' electrical cable		
22 13 33 00-0036	EA	34 To 35 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171)	87,614.34	936.21
		Note: FLS and 50' electrical cable		
22 13 33 00-0037	EA	34 To 45 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202)	120,101.23	980.80
		Note: FLS and 50' electrical cable		
22 13 33 00-0038	EA	50 To 60 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202)	134,446.62	1,159.13
		Note: FLS and 50' electrical cable		
22 13 33 00-0039	EA	67 To 72 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202)	131,351.86	1,203.71
		Note: FLS and 50' electrical cable		
22 13 33 00-0040	EA	60 To 70 HP, 10" To 14" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301)	166,603.00	1,248.29
		Note: FLS and 50' electrical cable		
22 13 33 00-0041	EA	85 HP, 6" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301)	183,736.83	1,337.46
		Note: FLS and 50' electrical cable		
22 13 33 00-0042	EA	105 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301)	186,950.99	1,426.62
		Note: FLS and 50' electrical cable		
22 13 33 00-0043	EA	70 To 90 HP, 14" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3315)	164,853.25	1,248.29
		Note: FLS and 50' electrical cable		
22 13 33 00-0044	EA	130 To 160 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3315)	188,963.68	1,694.11
		Note: FLS and 50' electrical cable		

22 13 33 00-0045 Dry Pit Submersible Vertical Pumps (Flygt) *(22 13 33 00-0001)*

22 13 33 00-0046 Dry Pit Submersible Vertical Non-Explosion Proof Pumps (Flygt) *(22 13 33 00-0045)*

22 13 33 00-0047	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3085)	14,827.45	267.49
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0048	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3085)	15,511.45	312.07
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0049	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3102)	17,661.94	356.66
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0050	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3102)	17,774.36	445.82
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0051	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3127)	26,477.87	490.40
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0052	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3127)	29,381.70	534.98
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0053	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3153)	44,094.80	624.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,004.88*	
22 13 33 00-0054	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3153)	47,951.81	713.31
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0055	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171)	60,308.48	802.47
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*3,290.58*	
22 13 33 00-0056	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171)	64,934.89	891.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0057	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171)	80,800.15	936.21
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,049.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0058	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202)	108,598.27	980.80
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0059	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202)	134,209.57	1,159.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0060	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202)	128,414.85	1,203.71
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,119.39*	
22 13 33 00-0061	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3301)	142,843.66	1,337.46
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0062	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3301)	147,542.39	1,426.62
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,479.85*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0063	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3315)	145,648.17	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0064	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3315)	185,309.64	1,515.78
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0065	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	15,781.67	267.49
		Note: FLS and 50' electrical cable		
22 13 33 00-0066	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	16,465.68	312.07
		Note: FLS and 50' electrical cable		
22 13 33 00-0067	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	19,279.10	356.66
		Note: FLS and 50' electrical cable		
22 13 33 00-0068	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	19,391.52	445.82
		Note: FLS and 50' electrical cable		
22 13 33 00-0069	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	28,095.04	490.40
		Note: FLS and 50' electrical cable		
22 13 33 00-0070	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	30,998.87	534.98
		Note: FLS and 50' electrical cable		
22 13 33 00-0071	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	41,430.04	579.57
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0072	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	45,802.36	624.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,004.88*	
22 13 33 00-0073	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	49,659.37	713.31
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0074	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	63,151.07	802.47
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*3,290.58*	
22 13 33 00-0075	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	67,777.49	891.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0076	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	83,642.74	936.21
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0077	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	111,440.86	980.80
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0078	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	137,052.16	1,159.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0079	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	132,633.54	1,203.71
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,119.39*	
22 13 33 00-0080	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	132,885.63	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0081	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	147,062.35	1,337.46
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0082	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	151,761.08	1,426.62
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,479.85*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0083	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	149,866.86	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0084	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	189,528.33	1,515.78
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0085	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	172,882.44	1,694.11
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,415.56*	

22 13 33 00-0086 Dry Pit Submersible Vertical Explosion Proof Pumps (Flygt) *(22 13 33 00-0045)*

22 13 33 00-0087	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3085)	16,629.43	267.49
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0088	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3085)	17,313.44	312.07
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0089	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3102)	19,576.34	445.82
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0090	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3127)	28,697.71	490.40
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0091	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	42,163.29	579.57
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0092	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	46,535.61	624.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,004.88*	
22 13 33 00-0093	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	50,392.62	713.31
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0094	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3171)	63,578.96	802.47
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*3,290.58*	
22 13 33 00-0095	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3171)	84,070.64	936.21
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0096	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	111,868.76	980.80
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0097	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	137,480.06	1,159.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0098	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	131,685.34	1,203.71
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,119.39*	
22 13 33 00-0099	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	135,752.33	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0100	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	149,929.06	1,337.46
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0101	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	154,627.78	1,426.62
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,479.85*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0102	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315)	152,934.45	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0103	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315)	192,595.92	1,515.78
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0104	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315)	175,739.09	1,694.11
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0105	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	17,583.66	267.49
		Note: FLS and 50' electrical cable		
22 13 33 00-0106	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	18,267.66	312.07
		Note: FLS and 50' electrical cable		
22 13 33 00-0107	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	21,081.08	356.66
		Note: FLS and 50' electrical cable		
22 13 33 00-0108	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	21,193.51	445.82
		Note: FLS and 50' electrical cable		
22 13 33 00-0109	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	30,314.87	490.40
		Note: FLS and 50' electrical cable		
22 13 33 00-0110	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	33,218.70	534.98
		Note: FLS and 50' electrical cable		
22 13 33 00-0111	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	43,870.85	579.57
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0112	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	48,243.18	624.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,004.88*	
22 13 33 00-0113	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	52,100.19	713.31
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*1,416.27*	
22 13 33 00-0114	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	66,421.56	802.47
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*3,290.58*	
22 13 33 00-0115	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	71,047.98	891.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,525.19*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0116	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	86,913.23	936.21
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,049.08*	
22 13 33 00-0117	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	114,711.35	980.80
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0118	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	140,322.65	1,159.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,712.88*	
22 13 33 00-0119	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	135,904.03	1,203.71
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*2,119.39*	
22 13 33 00-0120	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	139,971.02	1,248.29
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0121	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301) Note: FLS and 50' electrical cable	154,147.75	1,337.46
		For Inlet Elbow, Add	*3,411.11*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0122	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301) Note: FLS and 50' electrical cable	158,846.47	1,426.62
		For Inlet Elbow, Add	*4,479.85*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0123	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315) Note: FLS and 50' electrical cable	157,153.14	1,248.29
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0124	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315) Note: FLS and 50' electrical cable	196,814.61	1,515.78
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,781.18*	
22 13 33 00-0125	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315) Note: FLS and 50' electrical cable	180,168.72	1,694.11
		For Inlet Elbow, Add	*8,113.95*	
		For Stand, Add	*4,415.56*	
22 13 33 00-0126		Dry Pit Submersible Horizontal Pumps (Flygt) *(22 13 33 00-0001)*		
22 13 33 00-0127		Dry Pit Submersible Horizontal Non-Explosion Proof Pumps (Flygt) *(22 13 33 00-0126)*		
22 13 33 00-0128	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3085) Note: FLS and 50' electrical cable	13,354.92	267.49
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0129	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3085) Note: FLS and 50' electrical cable	11,750.79	312.07
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0130	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3102) Note: FLS and 50' electrical cable	15,797.68	356.66
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0131	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3102) Note: FLS and 50' electrical cable	15,359.66	445.82
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0132	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3127) Note: FLS and 50' electrical cable	23,560.95	490.40
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0133	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3127) Note: FLS and 50' electrical cable	26,288.00	534.98
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0134	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3153) Note: FLS and 50' electrical cable	44,092.79	624.15
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0135	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3153) Note: FLS and 50' electrical cable	47,951.81	713.31
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0136	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171) Note: FLS and 50' electrical cable	60,308.48	802.47
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0137	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171) Note: FLS and 50' electrical cable	64,934.89	891.64
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0138	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171) Note: FLS and 50' electrical cable	80,804.17	936.21
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0139	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202) Note: FLS and 50' electrical cable	108,596.26	980.80
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0140	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202) Note: FLS and 50' electrical cable	134,209.57	1,159.13
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0141	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202) Note: FLS and 50' electrical cable	128,414.85	1,203.71
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0142	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301) Note: FLS and 50' electrical cable	128,666.94	1,248.29
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0143	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301) Note: FLS and 50' electrical cable	136,814.96	1,337.46
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0144	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301)	145,533.49	1,426.62
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0145	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	145,648.17	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0146	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	185,309.64	1,515.78
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0147	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	168,452.81	1,694.11
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0148	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	14,309.15	267.49
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0149	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	12,705.02	312.07
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0150	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	17,414.84	356.66
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0151	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	16,976.82	445.82
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0152	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	25,178.11	490.40
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0153	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	27,905.16	534.98
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0154	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	41,430.04	579.57
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0155	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	45,800.36	624.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0156	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	49,659.37	713.31
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0157	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	63,151.07	802.47
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0158	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	67,777.49	891.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0159	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	83,646.76	936.21
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0160	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	111,438.85	980.80
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0161	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	137,052.16	1,159.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0162	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	132,633.54	1,203.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0163	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	132,885.63	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0164	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	141,033.65	1,337.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0165	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	149,752.18	1,426.62
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0166	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	149,866.86	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0167	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	189,528.33	1,515.78
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0168	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	172,882.44	1,694.11
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	

22 13 33 00-0169 Dry Pit Submersible Horizontal Explosion Proof Pumps (Flygt) *(22 13 33 00-0126)*

22 13 33 00-0170	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3085)	15,156.91	267.49
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0171	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3085)	13,552.78	312.07
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0172	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3102)	17,599.66	356.66
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0173	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3102)	17,161.64	445.82
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0174	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3127)	25,780.78	490.40
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0175	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3127)	28,507.83	534.98
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0176	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	42,163.29	579.57
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0177	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	46,533.60	624.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0178	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	50,392.62	713.31
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0179	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	63,578.96	802.47
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0180	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	68,205.38	891.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0181	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	84,074.66	936.21
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0182	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	111,866.75	980.80
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0183	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	137,480.06	1,159.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0184	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	131,685.34	1,203.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0185	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	135,752.33	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0186	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	143,900.35	1,337.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0187	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	152,618.88	1,426.62
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0188	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	152,934.45	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0189	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	192,595.92	1,515.78
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0190	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	175,739.09	1,694.11
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0191	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	16,111.13	267.49
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0192	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	14,507.00	312.07
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,565.80*	
22 13 33 00-0193	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	19,216.83	356.66
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0194	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	18,778.81	445.82
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,445.26*	
22 13 33 00-0195	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	27,397.95	490.40
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0196	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	30,125.00	534.98
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,816.91*	
22 13 33 00-0197	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	43,870.85	579.57
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0198	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	48,241.17	624.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0199	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	52,100.19	713.31
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,151.68*	
		For Horizontal Service Car, Add	*7,121.55*	
22 13 33 00-0200	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	66,421.56	802.47
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0201	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	71,047.98	891.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0202	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	86,917.25	936.21
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,886.08*	
		For Horizontal Service Car, Add	*9,496.07*	
22 13 33 00-0203	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	114,709.34	980.80
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0204	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	140,322.65	1,159.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0205	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	135,904.03	1,203.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*8,276.67*	
		For Horizontal Service Car, Add	*10,848.06*	
22 13 33 00-0206	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	139,971.02	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0207	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	148,119.04	1,337.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0208	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	156,837.57	1,426.62
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*11,189.57*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0209	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	157,153.14	1,248.29
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0210	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	196,814.61	1,515.78
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	
22 13 33 00-0211	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	180,168.72	1,694.11
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*13,710.74*	
		For Horizontal Service Car, Add	*13,961.86*	

22 13 33 00-0212 Submersible Pump Add-On Accessories (Flygt) *(22 13 33 00-0001)*

22 13 33 00-0213	EA	3" Stainless Steel Discharge Connection Package for 2" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	4,218.69	
22 13 33 00-0214	EA	4" Stainless Steel Discharge Connection Package for 2" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	4,620.47	
22 13 33 00-0215	EA	6" Stainless Steel Discharge Connection Package for 2" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	5,022.25	
22 13 33 00-0216	EA	8" Stainless Steel Discharge Connection Package for 2" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	6,328.04	
22 13 33 00-0217	EA	6" Stainless Steel Discharge Connection Package for 3" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	12,656.07	
22 13 33 00-0218	EA	8" Stainless Steel Discharge Connection Package for 3" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	12,656.07	
22 13 33 00-0219	EA	10" Stainless Steel Discharge Connection Package for 3" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	13,961.86	
22 13 33 00-0220	EA	12" Stainless Steel Discharge Connection Package for 3" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	18,180.54	
22 13 33 00-0221	EA	14" Stainless Steel Discharge Connection Package for 3" Guide Rails Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	21,093.45	
22 13 33 00-0222	EA	Mini CAS Unit: Thermal and Seal Protection Relay Unit Price	1,034.58	

22 13 33 00-0223 Submersible Pumps (Vaughan) *(22 13 33)*

22 13 33 00-0224 Electric Submersible Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0225	EA	5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3F/3G)	18,640.27	356.66
22 13 33 00-0226	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3F/3G)	21,008.69	445.82
22 13 33 00-0227	EA	5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	20,785.78	356.66
22 13 33 00-0228	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	22,913.12	445.82
22 13 33 00-0229	EA	10 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	25,042.48	534.98
22 13 33 00-0230	EA	15 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	27,529.41	624.15
22 13 33 00-0231	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	24,104.40	445.82
22 13 33 00-0232	EA	10 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	26,115.23	534.98
22 13 33 00-0233	EA	15 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	28,481.63	624.15
22 13 33 00-0234	EA	20 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	29,895.82	713.31
22 13 33 00-0235	EA	15 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	29,196.80	624.15
22 13 33 00-0236	EA	20 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	30,610.99	713.31
22 13 33 00-0237	EA	25 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	34,883.84	802.47
22 13 33 00-0238	EA	30 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	36,774.13	891.64
22 13 33 00-0239	EA	5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	29,361.77	356.66
22 13 33 00-0240	EA	5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	24,954.24	356.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0241	EA	5 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	22,392.90	356.66
22 13 33 00-0242	EA	7.5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	31,370.59	445.82
22 13 33 00-0243	EA	7.5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	26,963.07	445.82
22 13 33 00-0244	EA	7.5 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	24,580.51	445.82
22 13 33 00-0245	EA	10 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	28,616.31	534.98
22 13 33 00-0246	EA	10 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	26,591.34	534.98
22 13 33 00-0247	EA	15 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	28,957.74	624.15
22 13 33 00-0248	EA	20 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	30,492.46	713.31
22 13 33 00-0249	EA	25 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	34,168.67	802.47
22 13 33 00-0250	EA	5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	26,860.69	356.66
22 13 33 00-0251	EA	7.5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	33,277.04	445.82
22 13 33 00-0252	EA	7.5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	28,869.51	445.82
22 13 33 00-0253	EA	10 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	34,096.59	534.98
22 13 33 00-0254	EA	10 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	30,522.76	534.98
22 13 33 00-0255	EA	15 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	34,556.54	624.15
22 13 33 00-0256	EA	15 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	30,864.18	624.15
22 13 33 00-0257	EA	20 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	36,328.31	713.31
22 13 33 00-0258	EA	20 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	31,802.26	713.31
22 13 33 00-0259	EA	25 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	40,364.12	802.47
22 13 33 00-0260	EA	25 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	35,599.01	802.47
22 13 33 00-0261	EA	30 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	39,871.86	891.64
22 13 33 00-0262	EA	5 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	37,700.71	356.66
22 13 33 00-0263	EA	7.5 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	40,185.65	445.82
22 13 33 00-0264	EA	7.5 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	35,778.12	445.82
22 13 33 00-0265	EA	10 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	40,886.67	534.98
22 13 33 00-0266	EA	10 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	37,312.84	534.98
22 13 33 00-0267	EA	15 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	49,088.93	624.15
22 13 33 00-0268	EA	15 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	41,346.62	624.15
22 13 33 00-0269	EA	20 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	42,999.87	713.31
22 13 33 00-0270	EA	25 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	47,033.66	802.47
22 13 33 00-0271	EA	25 HP, 1750 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	42,268.55	802.47
22 13 33 00-0272	EA	30 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	49,163.02	891.64
22 13 33 00-0273	EA	30 HP, 1750 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	46,541.41	891.64
22 13 33 00-0274	EA	10 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	43,982.39	534.98
22 13 33 00-0275	EA	15 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	52,186.65	624.15
22 13 33 00-0276	EA	15 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	44,325.82	624.15
22 13 33 00-0277	EA	20 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	61,582.20	713.31
22 13 33 00-0278	EA	20 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	46,095.59	713.31
22 13 33 00-0279	EA	25 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	62,281.22	802.47
22 13 33 00-0280	EA	25 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	50,131.39	802.47
22 13 33 00-0281	EA	30 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	65,362.79	891.64
22 13 33 00-0282	EA	30 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	52,140.21	891.64
22 13 33 00-0283	EA	30 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8P)	52,140.21	891.64
22 13 33 00-0284	EA	25 HP, 870 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	71,335.33	802.47
22 13 33 00-0285	EA	30 HP, 870 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	74,416.90	891.64
22 13 33 00-0286	EA	30 HP, 1170 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	61,551.91	891.64

22 13 33 00-0287 Horizontal Chopper Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0288	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3F6/HE3G6)	19,102.24	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0289	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3L6/HE3M6)	20,054.46	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0290	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3P6)	20,530.57	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0291	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3V6/HE3W6)	20,530.57	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0292	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE4K6/HE4L6)	21,231.60	668.72
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0293	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE4S6/HE4T6)	22,183.82	668.72
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0294	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE6U8)	24,424.62	835.91
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0295	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE6W8/6X)	24,424.62	835.91
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0296	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3F6/HE3G6)	19,578.35	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0297	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3L6/HE3M6)	20,530.57	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0298	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3P6)	21,008.69	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0299	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3V6/HE3W6)	21,008.69	557.27
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0300	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE4K6/HE4L6)	21,707.71	668.72
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0301	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE4S6/HE4T6)	22,659.92	668.72
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0302	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE6U8)	24,900.73	835.91
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
		For Base, Deduct	*-1,104.88*	
22 13 33 00-0303	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3F6/STHE3G6)	27,083.60	557.27
22 13 33 00-0304	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3L6/STHE3M6)	28,274.88	557.27
22 13 33 00-0305	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3P6)	29,466.16	557.27
22 13 33 00-0306	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3V6/STHE3W6)	29,466.16	557.27
22 13 33 00-0307	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE4K6/STHE4L6)	30,165.18	668.72
22 13 33 00-0308	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE4S6/STHE4T6)	36,834.72	668.72
22 13 33 00-0309	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE6U8)	45,031.92	835.91
22 13 33 00-0310	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE6W8/6X)	45,031.92	835.91
22 13 33 00-0311	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3F6/STHE3G6)	27,559.71	557.27
22 13 33 00-0312	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3L6/STHE3M6)	28,750.99	557.27
22 13 33 00-0313	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3P6)	29,942.27	557.27
22 13 33 00-0314	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3V6/STHE3W6)	29,942.27	557.27
22 13 33 00-0315	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE4K6/STHE4L6)	30,641.28	668.72
22 13 33 00-0316	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE4S6/STHE4T6)	37,312.84	668.72
22 13 33 00-0317	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE6U8)	45,508.03	835.91
22 13 33 00-0318	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE6W8/6X)	45,508.03	835.91

22 13 33 00-0319 Horizontal End Suction Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0320	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HES)	39,172.84	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0321	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HET)	41,555.39	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0322	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HE)	48,464.00	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0323	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HER)	48,464.00	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0324	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HES)	50,846.56	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0325	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8N-HE)	48,464.00	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0326	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HE)	65,824.77	1,226.00
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,209.79*	
		For Coupling, Deduct	*-401.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0327	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HER)	65,824.77	1,226.00
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,209.79*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0328	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HE)	78,183.36	1,448.91
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,410.68*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0329	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HER)	78,183.36	1,448.91
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,410.68*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0330	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HES)	64,426.72	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0331	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HET)	66,809.28	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0332	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HE)	82,532.94	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0333	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HER)	82,532.94	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0334	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HES)	84,915.49	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0335	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8N-HE)	82,532.94	1,003.09
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,008.90*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0336	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HE)	107,993.59	1,226.00
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,209.79*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0337	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HER)	107,993.59	1,226.00
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,209.79*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0338	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HE)	126,545.62	1,448.91
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,410.68*	
		For Coupling, Deduct	*-401.78*	
22 13 33 00-0339	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HER)	126,545.62	1,448.91
		For Stool, Deduct	*-1,004.45*	
		For No Base, Deduct	*-2,410.68*	
		For Coupling, Deduct	*-401.78*	

22 13 33 00-0340 Vertical Pedestal Chopper Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0341	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3F6/PE3G6)	19,102.24	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0342	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3L6/PE3M6)	20,054.46	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0343	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3P6)	20,530.57	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0344	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3V6/PE3W6)	20,530.57	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0345	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE4K6/PE4L6)	21,231.60	668.72
		For Pedestal, Deduct	*-1,258.72*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0346	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE4S6/PE4T6)	22,183.82	668.72
		For Pedestal, Deduct	*-1,258.72*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0347	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE6U8)	24,900.73	835.91
		For pedestal, Deduct	*-1,607.12*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0348	EA	Ductile Iron And Stainless Steel, Upgraded Roller Thrust And Radial Bearing, Vertical Dry Pit Pedestal (Vaughan 8K-PES)	39,886.00	1,003.09
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,410.68*	
22 13 33 00-0349	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3F6/PE3G6)	19,578.35	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0350	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 8P-PE)	49,416.22	1,003.09
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,410.68*	
		For Stool, Deduct	*-1,004.45*	
22 13 33 00-0351	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3L6/PE3M6)	20,530.57	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0352	EA	Ductile Iron And Stainless Steel, Standard Roller Thrust And Radial Bearing, Vertical Dry Pit Pedestal (Vaughan 8P-PER)	49,416.22	1,003.09
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,410.68*	
22 13 33 00-0353	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3P6)	21,008.69	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0354	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 8N-PE)	49,416.22	1,003.09
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,410.68*	
22 13 33 00-0355	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3V6/PE3W6)	21,008.69	557.27
		For Pedestal, Deduct	*-1,104.88*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0356	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 10R-PE)	67,492.16	1,226.00
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,611.57*	
22 13 33 00-0357	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE4K6/PE4L6)	21,707.71	668.72
		For Pedestal, Deduct	*-1,258.72*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0358	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 12W-PE)	79,850.74	1,448.91
		For No Stool, Deduct	*-1,004.45*	
		For No Coupling, Deduct	*-401.78*	
		For No Pedestal, Deduct	*-2,812.46*	
22 13 33 00-0359	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE4S6/PE4T6)	22,659.92	668.72
		For Pedestal, Deduct	*-1,258.72*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	
22 13 33 00-0360	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE6W8/6X)	25,376.84	835.91
		For pedestal, Deduct	*-1,607.12*	
		For Stool, Deduct	*-703.10*	
		For Coupling, Deduct	*-200.89*	

22 13 33 00-0361 Submersible Pump Accessories (Vaughan) *(22 13 33)*

22 13 33 00-0362	EA	Guide Rail Adapter Bracket For 3" Submersible Pump	1,191.28	
22 13 33 00-0363	EA	Discharge Elbow Base For 3" Submersible Pump	1,763.24	63.97
22 13 33 00-0364	EA	Top Guide Rail And Lift Chain Bracket For 3" Submersible Pump	499.37	11.49
22 13 33 00-0365	EA	Intermediate Guide Rail Support Bracket (Every 10') For 3" Sumbersible Pump	476.11	
22 13 33 00-0366	EA	Class 1, Guide Rail Adapter Bracket For 3" Submersible Pump	3,097.72	
22 13 33 00-0367	EA	Class 1, Discharge Elbow Base For 3" Submersible Pump	1,667.39	
22 13 33 00-0368	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 3" Submersible Pump	499.37	11.49
22 13 33 00-0369	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 3" Submersible Pump	476.11	
22 13 33 00-0370	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 3" Submersible Pump	833.69	
22 13 33 00-0371	EA	25', Galvanized, Safety Chain With Hook For 3" Submersible Pump	715.17	
22 13 33 00-0372	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 3" Submersible Pump	1,667.39	
22 13 33 00-0373	LF	Galvanized Pipe, Guide Rails For 3" Submersible Pump	95.58	11.49
22 13 33 00-0374	LF	316 Stainless Steel Pipe, Guide Rails For 3" Submersible Pump	177.95	11.49
22 13 33 00-0375	EA	Stainless Steel, Cable Holder Bracket For 3" Submersible Pump	594.63	
22 13 33 00-0376	EA	Guide Rail Adapter Bracket For 4" Submersible Pump	1,430.34	
22 13 33 00-0377	EA	Discharge Elbow Base For 4" Submersible Pump	2,017.90	74.34
22 13 33 00-0378	EA	Top Guide Rail And Lift Chain Bracket For 4" Submersible Pump	499.37	11.49
22 13 33 00-0379	EA	Intermediate Guide Rail Support Bracket (Every 10') For 4" Submersible Pump	500.22	
22 13 33 00-0380	EA	Class 1, Guide Rail Adapter Bracket For 4" Submersible Pump	3,334.77	
22 13 33 00-0381	EA	Class 1, Discharge Elbow Base For 4" Submersible Pump	1,906.45	
22 13 33 00-0382	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 4" Submersible Pump	499.37	11.49
22 13 33 00-0383	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 4" Submersible Pump	500.22	
22 13 33 00-0384	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 4" Submersible Pump	833.69	
22 13 33 00-0385	EA	25', Galvanized, Safety Chain With Hook For 4" Submersible Pump	715.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0386	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 4" Submersible Pump	1,667.39	
22 13 33 00-0387	EA	Galvanized Pipe, Guide Rails For 4" Submersible Pump	72.32	
22 13 33 00-0388	EA	316 Stainless Steel Pipe, Guide Rails For 4" Submersible Pump	177.95	11.49
22 13 33 00-0389	EA	Stainless Steel, Cable Holder Bracket For 4" Submersible Pump	594.63	
22 13 33 00-0390	EA	Portable Stand For 4" Submersible Pump	952.22	
22 13 33 00-0391	EA	Guide Rail Adapter Bracket For 6" Submersible Pump	1,667.39	
22 13 33 00-0392	EA	Discharge Elbow Base For 6" Submersible Pump	2,527.45	96.64
22 13 33 00-0393	EA	Top Guide Rail And Lift Chain Bracket For 6" Submersible Pump	499.37	11.49
22 13 33 00-0394	EA	Intermediate Guide Rail Support Bracket (Every 10') For 6" Sumbersible Pump	524.32	
22 13 33 00-0395	EA	Class 1, Guide Rail Adapter Bracket For 6" Submersible Pump	3,573.83	
22 13 33 00-0396	EA	Class 1, Discharge Elbow Base For 6" Submersible Pump	2,382.56	
22 13 33 00-0397	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 6" Submersible Pump	499.37	11.49
22 13 33 00-0398	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 6" Submersible Pump	524.32	
22 13 33 00-0399	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 6" Submersible Pump	833.69	
22 13 33 00-0400	EA	25', Galvanized, Safety Chain With Hook For 6" Submersible Pump	715.17	
22 13 33 00-0401	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 6" Submersible Pump	1,667.39	
22 13 33 00-0402	EA	Galvanized Pipe, Guide Rails For 6" Submersible Pump	72.32	
22 13 33 00-0403	EA	316 Stainless Steel Pipe, Guide Rails For 6" Submersible Pump	177.95	11.49
22 13 33 00-0404	EA	Stainless Steel, Cable Holder Bracket For 6" Submersible Pump	594.63	
22 13 33 00-0405	EA	Portable Stand For 6" Submersible Pump	952.22	
22 13 33 00-0406	EA	Guide Rail Adapter Bracket For 8" Submersible Pump	2,143.50	
22 13 33 00-0407	EA	Discharge Elbow Base For 8" Submersible Pump	3,734.33	106.99
22 13 33 00-0408	EA	Intermediate Guide Rail Support Bracket (Every 10') For 8" Sumbersible Pump	833.69	
22 13 33 00-0409	EA	Class 1, Guide Rail Adapter Bracket For 8" Submersible Pump	4,049.94	
22 13 33 00-0410	EA	Class 1, Discharge Elbow Base For 8" Submersible Pump	3,573.83	
22 13 33 00-0411	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 8" Submersible Pump	738.43	11.49
22 13 33 00-0412	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 8" Submersible Pump	833.69	
22 13 33 00-0413	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 8" Submersible Pump	1,785.91	
22 13 33 00-0414	EA	25', Galvanized, Safety Chain With Hook For 8" Submersible Pump	1,430.34	
22 13 33 00-0415	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 8" Submersible Pump	4,049.94	
22 13 33 00-0416	EA	Galvanized Pipe, Guide Rails For 8" Submersible Pump	118.53	
22 13 33 00-0417	EA	316 Stainless Steel Pipe, Guide Rails For 8" Submersible Pump	262.32	11.49
22 13 33 00-0418	EA	Stainless Steel, Cable Holder Bracket For 8" Submersible Pump	594.63	
22 13 33 00-0419	EA	Portable Stand For 8" Submersible Pump	2,143.50	
22 13 33 00-0420	EA	Guide Rail Adapter Bracket For 10" Submersible Pump	2,621.61	
22 13 33 00-0421	EA	Discharge Elbow Base For 10" Submersible Pump	4,226.04	117.03
22 13 33 00-0422	EA	Straight Thru Discharge Base For 10" Submersible Pump	4,049.94	
22 13 33 00-0423	EA	Top Guide Rail And Lift Chain Bracket For 10" Submersible Pump	738.43	11.61
22 13 33 00-0424	EA	Intermediate Guide Rail Support Bracket (Every 10') For 10" Sumbersible Pump	1,589.04	
22 13 33 00-0425	EA	Class 1, Guide Rail Adapter Bracket For 10" Submersible Pump	5,480.28	
22 13 33 00-0426	EA	Class 1, Discharge Elbow Base For 10" Submersible Pump	4,049.94	
22 13 33 00-0427	EA	Class 1, Straight Thru Discharge Base For 10" Submersible Pump	4,049.94	
22 13 33 00-0428	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 10" Submersible Pump	738.43	11.61
22 13 33 00-0429	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 10" Submersible Pump	1,191.28	
22 13 33 00-0430	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 10" Submersible Pump	1,785.91	
22 13 33 00-0431	EA	25', Galvanized, Safety Chain With Hook For 10" Submersible Pump	1,430.34	
22 13 33 00-0432	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 10" Submersible Pump	4,049.94	
22 13 33 00-0433	EA	Galvanized Pipe, Guide Rails For 10" Submersible Pump	141.79	11.61
22 13 33 00-0434	EA	316 Stainless Steel Pipe, Guide Rails For 10" Submersible Pump	262.32	11.61
22 13 33 00-0435	EA	Stainless Steel, Cable Holder Bracket For 10" Submersible Pump	594.63	
22 13 33 00-0436	EA	Portable Stand For 10" Submersible Pump	2,143.50	
22 13 33 00-0437	EA	5 - 15 HP, 3" - 6" Pump Belt Drive	2,858.66	
22 13 33 00-0438	EA	20 - 30 HP, 3" - 6" Pump Belt Drive	3,097.72	
22 13 33 00-0439	EA	40 - 50 HP, 3" - 6" Pump Belt Drive	3,334.77	
22 13 33 00-0440	EA	60 - 75 HP, 3" - 6" Pump Belt Drive	3,573.83	
22 13 33 00-0441	EA	100 HP, 3" - 6" Pump Belt Drive	3,812.89	
22 13 33 00-0442	EA	5 - 15 HP, 8" - 12" Pump Belt Drive	4,289.00	
22 13 33 00-0443	EA	20 - 30 HP, 8" - 12" Pump Belt Drive	4,526.05	
22 13 33 00-0444	EA	40 - 50 HP, 8" - 12" Pump Belt Drive	4,765.11	
22 13 33 00-0445	EA	60 - 75 HP, 8" - 12" Pump Belt Drive	5,002.16	
22 13 33 00-0446	EA	100 HP, 8" - 12" Pump Belt Drive	5,480.28	
22 13 33 00-0447	EA	125 HP, 8" - 12" Pump Belt Drive	6,432.50	
22 13 33 00-0448	EA	150 - 200 HP, 8" - 12" Pump Belt Drive	6,671.56	

22 13 33 00-0449 Submersible Pumps (Zoeller) *(22 13 33)*

22 13 33 00-0450	EA	0.5 HP, 2" Discharge, 1750 RPM, Vortex Impeller With 25' Cord (Zoeller 6282)	3,350.18	312.07
		For Moisture Probe, Add	*265.17*	
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	
22 13 33 00-0451	EA	1 HP, 2" Discharge, 1750 RPM, Vortex Impeller With 25' Cord (Zoeller 6284)	3,645.84	356.66
		For Moisture Probe, Add	*265.17*	
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	
22 13 33 00-0452	EA	1 HP, 2" Discharge, 3450 RPM, Vortex Impeller With 25' Cord (Zoeller 6292)	3,532.34	356.66
		For Moisture Probe, Add	*265.17*	
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0453	EA	0.5 HP, 2" Discharge, 1750 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6282)	6,094.73	312.07
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	
22 13 33 00-0454	EA	1 HP, 2" Discharge, 1750 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6284)	6,763.05	356.66
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	
22 13 33 00-0455	EA	1 HP, 2" Discharge, 3450 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6292)	6,520.58	356.66
		For 3 Phase Adder, Add	*165.73*	
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 50' Cord Adder, Add	*276.22*	
22 13 33 00-0456	EA	1 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6120)	7,450.30	356.66
22 13 33 00-0457	EA	1.5 HP, 3" Dischrage, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6121)	8,008.71	479.25
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For Thermal And Moisture Sensors, Add	*375.66*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0458	EA	2 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6122)	8,178.20	601.85
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For Thermal And Moisture Sensors, Add	*375.66*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0459	EA	3 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6123)	8,998.97	724.46
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For Thermal And Moisture Sensors, Add	*375.66*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0460	EA	5 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6124)	10,098.99	847.06
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For Thermal And Moisture Sensors, Add	*375.66*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0461	EA	7.5 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6125)	12,522.87	969.66
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For Thermal And Moisture Sensors, Add	*375.66*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0462	EA	1 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6120)	9,127.53	356.66
22 13 33 00-0463	EA	1.5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6121)	9,513.58	479.25
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0464	EA	2 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6122)	10,071.99	601.85
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0465	EA	3 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6123)	10,827.07	724.46
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0466	EA	5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller Engineered Products X6124)	11,929.10	847.06
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For 50' Cord Adder, Add	*552.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0467	EA	7.5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6125)	12,522.87	969.66
		For Silicone Carbide / Silicone Carbide Seal	*187.83*	
		For Certified Test, Add	*441.96*	
		For 1 Phase Adder, Add	*243.08*	
		For 3" Solids Capacity, Add	*618.74*	
		For Impeller Trim, Add	*331.47*	
		For 50' Cord Adder, Add	*552.45*	
22 13 33 00-0468	EA	115 V/230 V, Variable Level Control Switch With 25' Cord (Zoeller 10-1877)	166.22	27.86
22 13 33 00-0469	EA	115 V/230 V, Variable Level Control Switch With 50' Cord (Zoeller 10-1879)	223.67	27.86
22 13 33 00-0470	EA	30 Volt DC / 125 Volt AC, Intrinsically Safe Variable Control Switch With 25' Cord (Zoeller 10-2066)	206.00	27.86
22 13 33 00-0471	EA	30 Volt DC / 125 Volt AC, Intrinsically Safe Variable Control Switch With 50' Cord (Zoeller 10-2068)	263.45	27.86
22 13 33 00-0472	EA	Stainless Steel, 4 Float Bracket (Zoeller 10-0253)	382.39	70.22
22 13 33 00-0473	EA	2" Z Rail Base Elbow And Disconnect (Zoeller 39-0128)	1,501.12	52.38
22 13 33 00-0474	EA	2" Z Rail Base Elbow And Disconnect With Stainless Steel Upper Rail Bracket (Zoeller 39-0129)	1,956.34	52.38
22 13 33 00-0475	EA	3" Base Elbow And Disconnect (Zoeller 39-0094)	2,564.19	63.53
22 13 33 00-0476	EA	4" Base Elbow And Disconnect (Zoeller 39-0016)	3,440.20	74.67
22 13 33 00-0477		Mounted Motors (Vaughan) *(22 13 33)*		
22 13 33 00-0478		C-FACE Mounted Motors (Vaughan) *(22 13 33 00-0477)*		
22 13 33 00-0479	EA	5 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,571.04	229.90
22 13 33 00-0480	EA	5 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,749.83	229.90
22 13 33 00-0481	EA	5 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 184TC)	2,261.24	229.90
22 13 33 00-0482	EA	5 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 184TC)	2,464.13	229.90
22 13 33 00-0483	EA	7.5 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,815.48	229.90
22 13 33 00-0484	EA	7.5 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	5,733.55	229.90
22 13 33 00-0485	EA	7.5 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 213TC)	3,087.83	229.90
22 13 33 00-0486	EA	7.5 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 213TC)	3,387.16	229.90
22 13 33 00-0487	EA	10 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	5,994.62	402.34
22 13 33 00-0488	EA	10 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,982.99	402.34
22 13 33 00-0489	EA	10 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,529.70	402.34
22 13 33 00-0490	EA	10 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,921.43	402.34
22 13 33 00-0491	EA	15 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,966.92	402.34
22 13 33 00-0492	EA	15 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	8,587.67	402.34
22 13 33 00-0493	EA	15 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,989.73	402.34
22 13 33 00-0494	EA	15 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	5,453.79	402.34
22 13 33 00-0495	EA	15 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,965.62	402.34
22 13 33 00-0496	EA	20 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	9,864.72	574.77
22 13 33 00-0497	EA	20 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	11,317.15	574.77
22 13 33 00-0498	EA	20 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,160.30	574.77
22 13 33 00-0499	EA	20 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,363.20	574.77
22 13 33 00-0500	EA	20 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,051.82	574.77
22 13 33 00-0501	EA	25 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	11,672.92	574.77
22 13 33 00-0502	EA	25 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	12,673.35	574.77
22 13 33 00-0503	EA	25 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,550.66	574.77
22 13 33 00-0504	EA	25 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,860.03	574.77
22 13 33 00-0505	EA	25 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TSC)	7,371.86	574.77
22 13 33 00-0506	EA	30 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	13,656.65	574.77
22 13 33 00-0507	EA	30 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	14,420.03	574.77
22 13 33 00-0508	EA	30 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	9,249.12	574.77
22 13 33 00-0509	EA	30 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	9,572.55	574.77
22 13 33 00-0510	EA	40 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 364TC)	16,323.57	862.15
22 13 33 00-0511	EA	40 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 364TC)	20,731.10	862.15
22 13 33 00-0512	EA	40 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	12,094.84	862.15
22 13 33 00-0513	EA	50 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 365TC)	22,306.99	862.15
22 13 33 00-0514	EA	50 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 365TC)	23,319.47	862.15
22 13 33 00-0515	EA	50 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	12,563.82	862.15
22 13 33 00-0516	EA	50 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	13,789.25	862.15
22 13 33 00-0517		Foot Mounted Motors (Vaughan) *(22 13 33 00-0477)*		
22 13 33 00-0518	EA	5 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,297.83	229.90
22 13 33 00-0519	EA	5 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,655.41	229.90
22 13 33 00-0520	EA	5 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 184T)	2,140.70	229.90
22 13 33 00-0521	EA	5 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 184T)	2,427.97	229.90
22 13 33 00-0522	EA	7.5 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	4,387.59	229.90
22 13 33 00-0523	EA	7.5 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	5,351.86	229.90
22 13 33 00-0524	EA	7.5 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 213T)	2,611.72	229.90
22 13 33 00-0525	EA	7.5 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 213T)	3,326.89	229.90
22 13 33 00-0526	EA	10 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	5,518.51	402.34
22 13 33 00-0527	EA	10 HP, 1170 RPM, hemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	6,613.36	402.34
22 13 33 00-0528	EA	10 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,242.42	402.34
22 13 33 00-0529	EA	10 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,863.17	402.34
22 13 33 00-0530	EA	15 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	7,336.13	402.34
22 13 33 00-0531	EA	15 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	8,087.46	402.34
22 13 33 00-0532	EA	15 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	4,286.62	402.34
22 13 33 00-0533	EA	15 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	5,226.78	402.34
22 13 33 00-0534	EA	20 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	9,233.92	574.77
22 13 33 00-0535	EA	20 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	10,804.88	574.77
22 13 33 00-0536	EA	20 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	5,326.61	574.77
22 13 33 00-0537	EA	20 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	6,242.67	574.77
22 13 33 00-0538	EA	25 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	10,875.39	574.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0539	EA	25 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	11,994.34	574.77
22 13 33 00-0540	EA	25 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	6,514.06	574.77
22 13 33 00-0541	EA	25 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	7,753.56	574.77
22 13 33 00-0542	EA	30 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	12,680.32	574.77
22 13 33 00-0543	EA	30 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	13,741.02	574.77
22 13 33 00-0544	EA	30 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	7,736.42	574.77
22 13 33 00-0545	EA	30 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	9,178.81	574.77
22 13 33 00-0546	EA	40 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 364T)	16,168.89	862.15
22 13 33 00-0547	EA	40 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 364T)	18,694.07	862.15
22 13 33 00-0548	EA	40 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	10,212.50	862.15
22 13 33 00-0549	EA	40 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	11,176.77	862.15
22 13 33 00-0550	EA	50 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 365T)	21,127.76	862.15
22 13 33 00-0551	EA	50 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 365T)	21,913.24	862.15
22 13 33 00-0552	EA	50 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	12,230.34	862.15
22 13 33 00-0553	EA	50 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	13,015.82	862.15

22 13 33 00-0554 Submersible Pumps (Hayward Gordon) *(22 13 33)*

22 13 33 00-0555 Chopper Pumps (Hayward Gordon) *(22 13 33 00-0554)*

22 13 33 00-0556	EA	5 HP, 460 Volt, 60 Hertz, 28' Total Dynamic Head, 180 GPM, 1510 RPM, 3 Phase, Submersible Chopper Pump (Hayward Gordon)	33,435.82	356.66
22 13 33 00-0557	EA	20 HP, 460 Volt, 60 Hertz, 60' Total Dynamic Head, 600 GPM, 1570 RPM, 3 Phase Submersible Chopper Pump (Hayward Gordon 20-60-600-1570SP)	56,726.69	713.31
22 13 33 00-0558	EA	75 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 5500 GPM, 790 RPM, 3 Phase Submersible Chopper Pump (Hayward Gordon 75-29-5500-790SP)	106,698.64	1,203.71

22 13 33 00-0559 Recessed Impeller Centrifugal Pumps (Hayward Gordon) *(22 13 33 00-0554)*

22 13 33 00-0560	EA	40 HP, 460 Volt, 60 Hertz, 65' Total Dynamic Head, 450 GPM, 1460 RPM, 3 Phase, Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	48,254.93	980.80
22 13 33 00-0561	EA	50 HP, 460 Volt, 60 Hertz, 65' Total Dynamic Head, 1,000 GPM, 1550 RPM, 3 Phase, Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	53,773.21	1,159.13
22 13 33 00-0562	EA	100 HP, 460 Volt, 60 Hertz, 130' Total Dynamic Head, 900 GPM, 1430 RPM, 3 Phase Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon 100-130-900-1430SP)	88,512.88	1,426.62
22 13 33 00-0563	EA	100 HP, 460 Volt, 60 Hertz, 53' To 132' Total Dynamic Head, 952 GPM, 1450 RPM, 3 Phase Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	88,512.88	1,426.62

22 13 33 00-0564 Screw Centrifugal Pumps (Hayward Gordon) *(22 13 33 00-0554)*

22 13 33 00-0565	EA	25 HP, 460 Volt, 60 Hertz, 67' Total Dynamic Head, 900 GPM, 1700 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	45,699.76	802.47
22 13 33 00-0566	EA	60 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 1500 GPM, 1460 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	65,585.54	1,159.13
22 13 33 00-0567	EA	75 HP, 460 Volt, 60 Hertz, 67' Total Dynamic Head, 1440 GPM, 1510 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	74,355.35	1,203.71
22 13 33 00-0568	EA	75 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 5500 GPM, 970 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon 75-29-5500-970SP)	101,495.59	1,203.71
22 13 33 00-0569	EA	100 HP, 460 Volt, 60 Hertz, 44' Total Dynamic Head, 4514 GPM, 1030 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	100,847.52	1,426.62
22 13 33 00-0570	EA	100 HP, 460 Volt, 60 Hertz, 132' Total Dynamic Head, 900 GPM, 1690 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	76,218.41	1,426.62

22 13 36 Packaged, Wastewater Pump Units *(22 13)*

22 13 36 00-0001 Dri-Prime Pumps With Diesel Engine; Godwin Pumps, CD Series With PrimeGuard *(22 13 36)*

22 13 36 00-0002	EA	4" Trailer Mounted Trash Pump (Godwin Pumps CD100M)	40,400.83
22 13 36 00-0003	EA	4" Skid Mounted Trash Pump (Godwin Pumps CD100M)	38,981.37
22 13 36 00-0004	EA	6" Trailer Mounted Trash Pump (Godwin Pumps CD150M)	52,199.12
22 13 36 00-0005	EA	6" Skid Mounted Trash Pump (Godwin Pumps CD150M)	50,337.04
22 13 36 00-0006	EA	8" Trailer Mounted Trash Pump (Godwin Pumps CD225M)	73,803.90
22 13 36 00-0007	EA	8" Skid Mounted Trash Pump (Godwin Pumps CD225M)	70,873.41

22 13 36 00-0008 Dri-Prime Pumps Critically Silenced With Diesel Engine; Godwin Pumps, CD Series With PrimeGuard *(22 13 36)*

22 13 36 00-0009	EA	4" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD100M)	61,189.03
22 13 36 00-0010	EA	4" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD100M)	55,442.51
22 13 36 00-0011	EA	6" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD150M)	73,368.91
22 13 36 00-0012	EA	6" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD150M)	67,668.18
22 13 36 00-0013	EA	8" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD225M)	92,791.07
22 13 36 00-0014	EA	8" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD225M)	84,739.84

22 13 36 00-0015 Heidra Hydraulic Submersible Pumps With Diesel Engine; Godwin Pumps, HS Series With PrimeGuard *(22 13 36)*

Note: Includes pump, pumpend, and hoses.

22 13 36 00-0016	EA	4" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS100MR) Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.	46,219.81
22 13 36 00-0017	EA	4" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS100MR) Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.	44,878.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 36 00-0018	EA	6" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS150MR) Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.	62,324.60	
22 13 36 00-0019	EA	6" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS150MR) Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.	60,291.71	
22 13 36 00-0020	EA	8" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS200MR) Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.	115,096.32	
22 13 36 00-0021	EA	8" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS200MR) Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.	108,439.45	
22 13 36 00-0022		Heidra Hydraulic Submersible Pumps Critically Silenced With Diesel Engine; Godwin Pumps, HS Series With PrimeGuard *(22 13 36)* Note: Includes pump, pumpend, and hoses.		
22 13 36 00-0023	EA	4" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS100MR) Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.	72,997.25	
22 13 36 00-0024	EA	4" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS100MR) Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.	67,173.53	
22 13 36 00-0025	EA	6" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS150MR) Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.	91,643.14	
22 13 36 00-0026	EA	6" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS150MR) Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.	82,853.41	
22 13 36 00-0027	EA	8" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS200MR) Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.	143,839.99	
22 13 36 00-0028	EA	8" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS200MR) Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.	132,884.07	
22 13 36 00-0029		Auto Start Controls Accessories *(22 13 36)*		
22 13 36 00-0030	EA	Two Float Assembly for Godwin PrimeGuard Controller	544.89	
22 13 36 00-0031	EA	Level Transducer for Godwin PrimeGuard Controller	2,735.13	
22 13 36 00-0032	EA	Pressure Transducer for Godwin PrimeGuard Controller	953.94	
22 13 36 00-0033	EA	3016D/4045D Auto Throttle for Godwin PrimeGuard Controller	1,594.98	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*
Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,010.39	185.79
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,103.28	222.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,196.15	278.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,609.90	334.36
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,656.34	371.48
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,965.82	390.09
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,678.63	404.02
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,579.59	185.79
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,712.24	222.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,882.54	278.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,608.09	334.36
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,798.92	371.48
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	2,195.93	185.79
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,288.82	222.91
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,381.69	278.64
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,777.88	334.36
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,824.32	371.48
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,426.36	74.34
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,463.51	92.85
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,480.40	101.31
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	2,084.20	134.30
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	2,143.44	163.95
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	

22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

Note: Grate free area is 27 square inches.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,111.38	185.79
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,204.27	222.91
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,297.14	278.64
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	

22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*

22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,199.19	185.79
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,292.08	222.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,384.95	278.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,798.71	334.36
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,845.15	371.48
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	2,154.63	390.09
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,867.44	404.02
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0040 Aluminum Roof Drains *(22 14 26 13)*

22 14 26 13-0041 Aluminum Dome Roof Drains *(22 14 26 13-0040)*

22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,232.13	185.79
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,325.02	222.91
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,417.89	278.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,878.08	371.15
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	2,187.78	390.09
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,900.37	404.02
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Retrofit Copolymer Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	867.36	222.91
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	975.73	278.64
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,177.04	334.36
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,285.48	371.15
22 14 26 13-0054		Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	1,006.85	222.91
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,109.02	278.64
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,319.63	334.36
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,384.67	371.15
22 14 26 13-0059		Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	873.56	222.91
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	981.93	278.64
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,183.24	334.36
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,242.08	371.15
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	526.13	111.45
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	526.13	111.45
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	526.13	111.45
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	824.57	139.31
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	824.57	139.31
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	1,078.74	139.31
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,211.46	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,240.39	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,270.82	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,302.55	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,962.82	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,991.75	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,022.18	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,053.91	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,995.51	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,024.44	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,054.87	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,086.60	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,511.63	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,540.56	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,570.99	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,602.72	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,161.63	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,190.56	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,220.99	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,252.72	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,171.10	134.19
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,200.03	148.68
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,230.46	163.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,262.19	179.78
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,411.87	134.19
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,440.80	148.68
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,471.23	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	841.54	134.19
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	870.47	148.68
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	900.90	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,328.81	134.19
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,357.74	148.68
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,388.17	163.95
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,327.21	134.19
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,356.14	148.68
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,386.57	163.95
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,801.71	134.19
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,830.64	148.68
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,861.07	163.95
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,061.42	134.19
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,090.35	148.68
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,120.78	163.95
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19		**Facility Trench Drains** *(22 14 26)*		
22 14 26 19-0001		Trench Drain *(22 14 26 19)*		
		Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,158.12	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,187.05	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,217.48	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	698.64	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	727.57	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	758.00	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,095.51	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,124.44	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,154.87	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,023.33	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	563.85	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	960.72	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,845.83	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,874.76	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,905.19	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,277.28	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,306.21	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,336.64	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,768.07	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,797.00	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,827.43	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,542.87	134.19
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,571.80	148.68
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,602.23	163.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,711.02	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,142.47	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,633.26	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,408.06	66.87
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,651.42	323.47
		For Explosion Proof Motor, Add	*326.86*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	7,019.08	391.52
		For Explosion Proof Motor, Add	*363.37*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	8,013.66	465.13
		For Explosion Proof Motor, Add	*469.42*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,528.55	572.21
		For Explosion Proof Motor, Add	*532.01*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	9,001.47	620.17
		For Explosion Proof Motor, Add	*777.15*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,671.91	743.98
		For Explosion Proof Motor, Add	*881.47*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	12,513.66	770.76
		For Explosion Proof Motor, Add	*1,444.78*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	15,210.25	974.72
		For Explosion Proof Motor, Add	*1,917.68*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	16,406.99	1,136.77
		For Explosion Proof Motor, Add	*2,486.20*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	22,060.64	1,364.61
		For Explosion Proof Motor, Add	*3,239.01*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	30,644.19	1,515.69
		For Explosion Proof Motor, Add	*5,134.09*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,058.66	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,158.42	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	1,267.58	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,521.99	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,701.17	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,732.14	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,944.51	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,127.75	

22 14 29 13-0022 Support Plate *(22 14 29 13)*

22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	761.93	44.58
22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	843.57	50.16
22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,170.21	66.87
22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	1,695.88	78.02
22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	1,817.72	80.81
22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	1,943.25	83.59
22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	2,474.83	100.31
22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	3,349.41	111.45
22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	4,471.01	139.31
22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	5,396.34	153.25

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

22 14 29 16-0001 Submersible Sump/Effluent Pumps *(22 14 29 16)*

22 14 29 16-0002 Wet Pit Submersible Pumps, (KSB) Series KRT K *(22 14 29 16-0001)*

Note: Includes 33' (10m) of cord with pump.

22 14 29 16-0003 4 Pole / 1,750 RPM *(22 14 29 16-0002)*

22 14 29 16-0004	EA	To 10 HP, 600 GPM At 32' Head, Wet Pit Submersible Pump	8,431.27	385.47
22 14 29 16-0005	EA	11-20 HP, 900 GPM At 60' Head, Wet Pit Submersible Pump	9,955.14	642.44
22 14 29 16-0006	EA	21-36 HP, 1,000 GPM At 105' Head, Wet Pit Submersible Pump	17,011.39	899.43
22 14 29 16-0007	EA	51-83 HP, 2,500GPM At 115' Head, Wet Pit Submersible Pump	40,742.54	1,156.41
22 14 29 16-0008	EA	83-110 HP, 2,600 GPM At 140' Head, Wet Pit Submersible Pump	44,204.71	1,413.39
22 14 29 16-0009	EA	83-110 HP, 3,000 GPM At 100' Head, Wet Pit Submersible Pump	47,952.93	1,413.39
22 14 29 16-0010	EA	83-110 HP, 3,500 GPM At 80' Head, Wet Pit Submersible Pump	48,858.48	1,413.39
22 14 29 16-0011	EA	110-160 HP, 3,000 GPM At 180' Head, Wet Pit Submersible Pump	56,876.64	1,670.36
22 14 29 16-0012	EA	110-160 HP, 3,500 GPM At 140' Head, Wet Pit Submersible Pump	58,482.51	1,670.36
22 14 29 16-0013	EA	110-160 HP, 4,500 GPM At 110' Head, Wet Pit Submersible Pump	60,495.24	1,670.36
22 14 29 16-0014	EA	160-210 HP, 3,800 GPM At 150' Head, Wet Pit Submersible Pump	64,358.07	1,927.35
22 14 29 16-0015	EA	160-210 HP, 5,000 GPM At 130' Head, Wet Pit Submersible Pump	68,642.79	1,927.35

22 14 29 16-0016 6 Pole / 1160 RPM *(22 14 29 16-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0017	EA	To 10 HP, 1,100 GPM At 26' Head, Wet Pit Submersible Pump	11,693.41	385.47
22 14 29 16-0018	EA	To 10 HP, 1,800 GPM At 16' Head, Wet Pit Submersible Pump	12,658.37	385.47
22 14 29 16-0019	EA	11-24 HP, 1,400 GPM At 47' Head, Wet Pit Submersible Pump	16,497.44	642.44
22 14 29 16-0020	EA	11-24 HP, 2,400 GPM At 30' Head, Wet Pit Submersible Pump	17,968.28	642.44
22 14 29 16-0021	EA	21-50 HP, 2,100 GPM At 75' Head, Wet Pit Submersible Pump	25,976.88	899.43
22 14 29 16-0022	EA	21-50 HP, 2,400 GPM At 60' Head, Wet Pit Submersible Pump	27,537.74	899.43
22 14 29 16-0023	EA	21-50 HP, 3,200 GPM At 50' Head, Wet Pit Submersible Pump	33,264.49	899.43
22 14 29 16-0024	EA	21-50 HP, 5,000 GPM At 29' Head, Wet Pit Submersible Pump	39,698.77	899.43
22 14 29 16-0025	EA	51-80 HP, 2,800 GPM At 80' Head, Wet Pit Submersible Pump	40,474.30	1,156.41
22 14 29 16-0026	EA	51-80 HP, 4,000 GPM At 60' Head, Wet Pit Submersible Pump	46,251.46	1,156.41
22 14 29 16-0027	EA	51-80 HP, 5,500 GPM At 43' Head, Wet Pit Submersible Pump	46,618.72	1,156.41
22 14 29 16-0028	EA	76-112 HP, 2,200 GPM At 105' Head, Wet Pit Submersible Pump	54,750.86	1,413.39
22 14 29 16-0029	EA	76-112 HP, 4,100 GPM At 70' Head, Wet Pit Submersible Pump	58,891.55	1,413.39
22 14 29 16-0030	EA	76-112 HP, 6,500 GPM At 50' Head, Wet Pit Submersible Pump	67,885.85	1,413.39
22 14 29 16-0031	EA	112-143 HP, 2,500 GPM At 120' Head, Wet Pit Submersible Pump	74,022.70	1,670.36
22 14 29 16-0032	EA	112-143 HP, 6,500 GPM At 65' Head, Wet Pit Submersible Pump	74,560.99	1,670.36
22 14 29 16-0033	EA	155-200 HP, 3,000 GPM At 150' Head, Wet Pit Submersible Pump	91,776.64	1,927.35
22 14 29 16-0034	EA	155-200 HP, 6,000 GPM At 110' Head, Wet Pit Submersible Pump	101,694.49	1,927.35
22 14 29 16-0035	EA	201-280 HP, 6,500 GPM At 130' Head, Wet Pit Submersible Pump	111,588.43	2,184.33
22 14 29 16-0036	EA	281-450 HP, 12,000 GPM At 110' Head, Wet Pit Submersible Pump	159,737.61	2,441.31
22 14 29 16-0037		**8 Pole / 875 RPM** *(22 14 29 16-0002)*		
22 14 29 16-0038	EA	To 20 HP, 2,300 GPM At 25' Head, Wet Pit Submersible Pump	11,278.37	642.44
22 14 29 16-0039	EA	21-30 HP, 2,500 GPM At 31' Head, Wet Pit Submersible Pump	12,957.11	899.43
22 14 29 16-0040	EA	31-50 HP, 4,700 GPM At 29' Head, Wet Pit Submersible Pump	18,557.45	1,156.41
22 14 29 16-0041	EA	51-117 HP, 6,500 GPM At 45' Head, Wet Pit Submersible Pump	35,462.45	1,413.39
22 14 29 16-0042	EA	118-175 HP, 9,000 GPM At 60' Head, Wet Pit Submersible Pump	44,834.43	1,670.36
22 14 29 16-0043	EA	176-210 HP, 14,000 GPM At 50' Head, Wet Pit Submersible Pump	61,097.73	1,927.35
22 14 29 16-0044	EA	211-250 HP, 14,000 GPM At 60' Head, Wet Pit Submersible Pump	65,232.50	2,184.33
22 14 29 16-0045		**10 Pole / 700 RPM** *(22 14 29 16-0002)*		
22 14 29 16-0046	EA	To 55 HP, 6,500 GPM At 25' Head Wet Pit Submersible Pump	30,722.47	899.43
22 14 29 16-0047	EA	56-76 HP, 7,000 GPM At 36' Head Wet Pit Submersible Pump	34,949.18	1,156.41
22 14 29 16-0048	EA	76-117 HP, 10,000 GPM At 30' Head Wet Pit Submersible Pump	52,498.69	1,413.39
22 14 29 16-0049	EA	118-150 HP, 11,500 GPM At 40' Head Wet Pit Submersible Pump	61,867.07	1,670.36
22 14 29 16-0050		**Dry Pit Submersible Pumps, (KSB) Series KRT K-D** *(22 14 29 16-0001)*		
		Note: Includes 33' (10m) of cord with pump.		
22 14 29 16-0051		**4 Pole / 1,750 RPM** *(22 14 29 16-0050)*		
22 14 29 16-0052	EA	To 35 HP, 800 GPM At 90' Head Dry Pit Submersible Pump	26,823.02	899.43
22 14 29 16-0053	EA	To 35 HP, 1,700 GPM At 50' Head Dry Pit Submersible Pump	29,613.49	899.43
22 14 29 16-0054	EA	36-50 HP, 1,300 GPM At 80' Head Dry Pit Submersible Pump	30,658.54	1,027.92
22 14 29 16-0055	EA	36-50 HP, 2,000 GPM At 66' Head Dry Pit Submersible Pump	35,479.74	1,027.92
22 14 29 16-0056	EA	51-75 HP, 1,600 GPM At 110' Head Dry Pit Submersible Pump	52,900.58	1,156.41
22 14 29 16-0057	EA	51-75 HP, 2,400 GPM At 80' Head Dry Pit Submersible Pump	53,879.94	1,156.41
22 14 29 16-0058	EA	76-110 HP, 1,900 GPM At 125' Head Dry Pit Submersible Pump	58,191.24	1,413.39
22 14 29 16-0059	EA	76-110 HP, 2,600 GPM At 110' Head Dry Pit Submersible Pump	58,421.67	1,413.39
22 14 29 16-0060	EA	110-150 HP, 3,000 GPM At 160' Head Dry Pit Submersible Pump	82,730.75	1,670.36
22 14 29 16-0061	EA	110-150 HP, 4,000 GPM At 100' Head Dry Pit Submersible Pump	95,795.53	1,670.36
22 14 29 16-0062		**6 Pole / 1160 RPM** *(22 14 29 16-0050)*		
22 14 29 16-0063	EA	To 35 HP, 1,300 GPM At 55' Head Dry Pit Submersible Pump	33,476.93	899.43
22 14 29 16-0064	EA	To 35 HP, 1,800 GPM At 45' Head Dry Pit Submersible Pump	36,692.26	899.43
22 14 29 16-0065	EA	To 35 HP, 2,800 GPM At 35' Head Dry Pit Submersible Pump	45,297.70	899.43
22 14 29 16-0066	EA	36-50 HP, 2,000 GPM At 55' Head Dry Pit Submersible Pump	49,351.05	1,027.92
22 14 29 16-0067	EA	36-50 HP, 3,200 GPM At 50' Head Dry Pit Submersible Pump	56,599.06	1,027.92
22 14 29 16-0068	EA	51-75 HP, 2,500 GPM At 88' Head Dry Pit Submersible Pump	62,258.54	1,156.41
22 14 29 16-0069	EA	51-75 HP, 5,500 GPM At 45' Head Dry Pit Submersible Pump	76,056.04	1,156.41
22 14 29 16-0070	EA	76-112 HP, 3,100 GPM At 100' Head Dry Pit Submersible Pump	85,795.24	1,413.39
22 14 29 16-0071	EA	76-112 HP, 8,400 GPM At 55' Head Dry Pit Submersible Pump	94,449.28	1,413.39
22 14 29 16-0072	EA	112-154 HP, 3,300 GPM At 130' Head Dry Pit Submersible Pump	115,532.22	1,670.36
22 14 29 16-0073	EA	112-154 HP, 5,000 GPM At 80' Head Dry Pit Submersible Pump	139,685.04	1,670.36
22 14 29 16-0074	EA	154-200 HP, 3,700 GPM At 140' Head Dry Pit Submersible Pump	144,338.20	1,927.35
22 14 29 16-0075	EA	154-200 HP, 5,700 GPM At 100' Head Dry Pit Submersible Pump	148,478.89	1,927.35
22 14 29 16-0076	EA	201-300 HP, 6,500 GPM At 130' Head Dry Pit Submersible Pump	218,394.83	2,184.33
22 14 29 16-0077		**8 Pole / 875 RPM** *(22 14 29 16-0050)*		
22 14 29 16-0078	EA	To 35 HP, 2,000 GPM At 45' Head, Dry Pit Submersible Pump	47,913.53	899.43
22 14 29 16-0079	EA	To 35 HP, 2,400 GPM At 32' Head, Dry Pit Submersible Pump	60,359.01	899.43
22 14 29 16-0080	EA	36-50 HP, 4,600 GPM At 30' Head, Dry Pit Submersible Pump	67,660.10	1,027.92
22 14 29 16-0081	EA	51-75 HP, 4,250 GPM At 51' Head, Dry Pit Submersible Pump	84,094.38	1,156.41
22 14 29 16-0082	EA	76-110 HP, 4,600 GPM At 70' Head, Dry Pit Submersible Pump	106,324.06	1,413.39
22 14 29 16-0083	EA	76-110 HP, 8,500 GPM At 40' Head, Dry Pit Submersible Pump	113,410.04	1,413.39
22 14 29 16-0084	EA	110-154 HP, 5,000 GPM At 75' Head, Dry Pit Submersible Pump	125,055.80	1,670.36
22 14 29 16-0085	EA	110-154 HP, 9,000 GPM At 55' Head, Dry Pit Submersible Pump	139,748.05	1,670.36
22 14 29 16-0086	EA	110-154 HP, 12,000 GPM At 32' Head, Dry Pit Submersible Pump	181,848.07	1,670.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0087	EA	154-214 HP, 13,000 GPM At 50' Head, Dry Pit Submersible Pump	238,623.51	1,927.35
22 14 29 16-0088	EA	215-244 HP, 14,000 GPM At 55' Head, Dry Pit Submersible Pump	258,921.38	2,184.33
22 14 29 16-0089		**10 Pole / 700 RPM** *(22 14 29 16-0050)*		
22 14 29 16-0090	EA	To 55 HP, 3,600 GPM At 40' Head Dry Pit Submersible Pump	101,936.01	1,027.92
22 14 29 16-0091	EA	To 55 HP, 6,250 GPM At 28' Head Dry Pit Submersible Pump	108,787.96	1,027.92
22 14 29 16-0092	EA	56-75 HP, 4,000 GPM At 47' Head Dry Pit Submersible Pump	113,798.43	1,156.41
22 14 29 16-0093	EA	55-82 HP, 9,000 GPM At 37' Head Dry Pit Submersible Pump	118,552.12	1,156.41
22 14 29 16-0094	EA	76-110 HP, 10,500 GPM At 30' Head Dry Pit Submersible Pump	178,127.22	1,413.39
22 14 29 16-0095	EA	110-154 HP, 11,500 GPM At 40' Head Dry Pit Submersible Pump	196,048.83	1,670.36
22 14 29 16-0096	EA	154-214 HP, 13,000 GPM At 55' Head Dry Pit Submersible Pump	252,437.21	1,927.35
22 14 29 16-0097		**Submersible Sump Pump, Ebara** *(22 14 29 16-0001)*		
22 14 29 16-0098		**Submersible Sump Pump, 2", 3", 4" Ebara Model DSU** *(22 14 29 16-0097)*		
22 14 29 16-0099	EA	3 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSU62.2	3,880.70	267.49
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0100	EA	5 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSU63.7	4,412.17	356.66
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0101	EA	3 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSU62.2	4,099.41	267.49
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0102	EA	5 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSU63.7	4,511.48	356.66
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0103	EA	7.5 HP Submersible Sump Pump, 4" Discharge, 3 Phase, Ebara 100DSU65.5	6,046.61	445.82
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*754.80*	
22 14 29 16-0104	EA	10 HP Submersible Sump Pump, 4" Discharge, 3 Phase, Ebara 100DSU67.5	6,790.86	534.98
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*754.80*	
22 14 29 16-0105		**Submersible Sump Pump, 2", 3", Ebara Model DSHU, Rated 176 Degrees F** *(22 14 29 16-0097)*		
22 14 29 16-0106	EA	1/2 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU6.4	1,732.55	89.17
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	
22 14 29 16-0107	EA	1 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU6.75	1,923.21	133.74
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	
22 14 29 16-0108	EA	2 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU61.5	2,845.97	222.91
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	
22 14 29 16-0109	EA	3 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU62.2	4,688.13	267.49
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0110	EA	5 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU63.7	4,998.53	356.66
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0111	EA	3 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSHU62.2	5,041.60	267.49
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0112	EA	5 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSHU63.5	5,461.95	356.66
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0113		**Submersible Sump Pump With Vortex Impeller** *(22 14 29 16)*		
22 14 29 16-0114		**Submersible Sump Pump With Cast Iron Vortex Impeller** *(22 14 29 16-0113)*		
22 14 29 16-0115	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	532.27	72.60
22 14 29 16-0116	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	591.39	72.60
22 14 29 16-0117	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	937.43	76.84
22 14 29 16-0118	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,030.98	76.84
22 14 29 16-0119		**Submersible Sump Pump With Bronze Vortex Impeller** *(22 14 29 16-0113)*		
		Note: Includes 20' of cord with pump.		
22 14 29 16-0120	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,589.72	76.84
22 14 29 16-0121	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,730.70	76.84
22 14 29 16-0122	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,817.28	84.71
22 14 29 16-0123	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,968.01	84.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0124	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,023.79	96.81
22 14 29 16-0125	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,171.92	96.81
22 14 29 16-0126	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,172.25	114.96
22 14 29 16-0127	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,300.89	114.96

22 14 29 16-0128 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

22 14 29 16-0129	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,192.10	72.60
22 14 29 16-0130	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,230.62	72.60
22 14 29 16-0131	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,535.21	76.84
22 14 29 16-0132	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,562.27	76.84
22 14 29 16-0133	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,873.11	81.08
22 14 29 16-0134	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,873.11	81.08
22 14 29 16-0135	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,980.98	84.71
22 14 29 16-0136	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,980.98	84.71
22 14 29 16-0137	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,260.84	96.81
22 14 29 16-0138	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,260.84	96.81
22 14 29 16-0139	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,629.85	114.96
22 14 29 16-0140	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,583.01	114.96

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001 Aluminum Pipe And Fittings For Compressed Air *(22 15 13)*

22 15 13 00-0002 Aluminum (6063) Pipe (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0003	LF	3/4" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	8.44	2.42
22 15 13 00-0004	LF	1" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	10.37	2.67
22 15 13 00-0005	LF	1-1/2" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	13.91	3.39
22 15 13 00-0006	LF	2" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	16.84	3.87
22 15 13 00-0007	LF	3" Diameter, Blue Rigid Aluminum Pipe Note: For compresed air system	27.64	5.32

22 15 13 00-0008 Compression Fittings (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0009 Compression Union *(22 15 13 00-0008)*

22 15 13 00-0010	EA	3/4" Diameter, FastPipe Compression Union Note: For compresed air system	23.89	3.39
22 15 13 00-0011	EA	1" Diameter, FastPipe Compression Union Note: For compresed air system	35.96	4.84
22 15 13 00-0012	EA	1-1/2" Diameter, FastPipe Compression Union Note: For compresed air system	56.17	6.78
22 15 13 00-0013	EA	2" Diameter, FastPipe Compression Union Note: For compresed air system	70.30	8.72
22 15 13 00-0014	EA	3" Diameter, FastPipe Compression Union Note: For compresed air system	134.27	13.55

22 15 13 00-0015 Compression 90 Degree Elbow *(22 15 13 00-0008)*

22 15 13 00-0016	EA	3/4" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	25.30	3.39
22 15 13 00-0017	EA	1" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	37.43	4.84
22 15 13 00-0018	EA	1-1/2" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	57.73	6.78
22 15 13 00-0019	EA	2" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	79.13	8.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0020	EA	3" Diameter, FastPipe Compression 90 Degree Elbow Note: For compresed air system	153.04	13.55
22 15 13 00-0021		**Compression 45 Degree Elbow** *(22 15 13 00-0008)*		
22 15 13 00-0022	EA	1" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	37.75	4.84
22 15 13 00-0023	EA	1-1/2" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	64.51	6.78
22 15 13 00-0024	EA	2" Diameter, FastPipe Compression 45 Degree Elbow Note: For compresed air system	85.51	8.72
22 15 13 00-0025		**Compression Tee** *(22 15 13 00-0008)*		
22 15 13 00-0026	EA	3/4" Diameter, FastPipe Compression Tee Note: For compresed air system	34.04	5.08
22 15 13 00-0027	EA	1" Diameter, FastPipe Compression Tee Note: For compresed air system	48.21	7.26
22 15 13 00-0028	EA	1-1/2" Diameter, FastPipe Compression Tee Note: For compresed air system	89.38	10.16
22 15 13 00-0029	EA	2" Diameter, FastPipe Compression Tee Note: For compresed air system	111.28	13.07
22 15 13 00-0030	EA	3" Diameter, FastPipe Compression Tee Note: For compresed air system	211.92	20.33
22 15 13 00-0031		**Compression Reducing Tee** *(22 15 13 00-0008)*		
22 15 13 00-0032	EA	1" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	46.29	6.53
22 15 13 00-0033	EA	1-1/2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	80.19	8.47
22 15 13 00-0034	EA	1-1/2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	83.63	9.20
22 15 13 00-0035	EA	2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	101.41	10.40
22 15 13 00-0036	EA	2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	104.49	11.13
22 15 13 00-0037		**Compression Reducing Union** *(22 15 13 00-0008)*		
22 15 13 00-0038	EA	1" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	34.77	4.11
22 15 13 00-0039	EA	1-1/2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	51.04	5.08
22 15 13 00-0040	EA	1-1/2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	52.00	5.81
22 15 13 00-0041	EA	2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	64.78	6.05
22 15 13 00-0042	EA	2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	67.11	6.78
22 15 13 00-0043	EA	2" x 1-1/2" FastPipe Compression Reducing Union Note: For compresed air system	71.17	7.75
22 15 13 00-0044		**Compression x NPT 90 Degree Reducing Elbow** *(22 15 13 00-0008)*		
22 15 13 00-0045	EA	3/4" x 1/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	51.15	7.02
22 15 13 00-0046	EA	3/4" x 1/2" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	54.46	7.99
22 15 13 00-0047	EA	1" x 1/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	60.25	7.75
22 15 13 00-0048	EA	1" x 1/2" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	62.16	8.72
22 15 13 00-0049	EA	1" x 3/4" Diameter NPT, FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	64.58	9.69
22 15 13 00-0050		**Compression x NPT Reducing Tee** *(22 15 13 00-0008)*		
22 15 13 00-0051	EA	3/4" x 1/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	59.15	8.72
22 15 13 00-0052	EA	3/4" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	61.44	9.69
22 15 13 00-0053	EA	1" x 1/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	70.27	10.16
22 15 13 00-0054	EA	1" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	72.35	11.13
22 15 13 00-0055	EA	1" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	75.00	12.10
22 15 13 00-0056	EA	1-1/2" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	100.77	13.07
22 15 13 00-0057	EA	1-1/2" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	103.19	14.04
22 15 13 00-0058	EA	2" x 1/2" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	112.51	15.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0059	EA	2" x 3/4" Diameter NPT, FastPipe Compression Reducing Tee Note: For compresed air system	114.93	15.98
22 15 13 00-0060		**Compression Inline Valve** *(22 15 13 00-0008)*		
22 15 13 00-0061	EA	3/4" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	77.28	3.39
22 15 13 00-0062	EA	1" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	99.21	4.84
22 15 13 00-0063	EA	1-1/2" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	205.65	6.78
22 15 13 00-0064	EA	2" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	297.27	8.72
22 15 13 00-0065	EA	3" Diameter, FastPipe Compression Inline Valve Note: For compresed air system	479.68	13.55
22 15 13 00-0066		**Compression Single Port Wall Outlet** *(22 15 13 00-0008)*		
22 15 13 00-0067	EA	3/4" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	67.94	7.99
22 15 13 00-0068	EA	1" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	70.30	8.72
22 15 13 00-0069		**NPT Push To Connect Coupler** *(22 15 13 00-0008)*		
22 15 13 00-0070	EA	1/2" Male NPT Push To Connect Coupler Note: For compresed air system	26.73	6.29
22 15 13 00-0071		**Quick Disconnect, Air-Service** *(22 15 13)*		
22 15 13 00-0072		**Combination Steel And Brass** *(22 15 13 00-0071)*		
22 15 13 00-0073	EA	1/2" Diameter, Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	58.28	16.95
22 15 13 00-0074	EA	3/4" Diameter, Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	65.02	20.57
22 15 13 00-0075		**Refrigerated Air Dryers With Ambient Air Filters** *(22 15 13)* Note: 120 Voltage, 1 Phase		
22 15 13 00-0076	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	864.05	96.61
22 15 13 00-0077	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	990.98	99.29
22 15 13 00-0078	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,171.33	101.98
22 15 13 00-0079	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,320.38	107.34
22 15 13 00-0080	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,724.92	120.77
22 15 13 00-0081	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,950.20	137.40
22 15 13 00-0082	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,187.28	155.66
22 15 13 00-0083	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,573.12	174.44
22 15 13 00-0084	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,982.29	203.96
22 15 13 00-0085	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,363.83	217.92
22 15 13 00-0086	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,956.74	241.54
22 15 13 00-0087	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,554.04	268.37
		For 230 Voltage, Add	*1,205.19*	
22 15 13 00-0088	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,921.00	295.21
		For 230 Voltage, Add	*1,299.17*	
22 15 13 00-0089	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,297.28	327.42
		For 230 Voltage, Add	*1,393.16*	
22 15 13 00-0090	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,728.60	348.88
		For 230 Voltage, Add	*1,509.25*	
22 15 13 00-0091	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,059.51	362.30
		For 230 Voltage, Add	*1,600.47*	
22 15 13 00-0092	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,564.34	375.72
		For 230 Voltage, Add	*2,943.87*	
22 15 13 00-0093	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	11,355.94	389.14
		For 230 Voltage, Add	*3,173.30*	
22 15 13 00-0094	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	12,125.43	402.55
		For 230 Voltage, Add	*3,396.10*	
22 15 13 00-0095	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	14,418.10	429.39
		For 230 Voltage, Add	*4,067.80*	
22 15 13 00-0096	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	16,341.08	536.74
		For 230 Voltage, Add	*4,580.28*	
22 15 13 00-0097	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	23,272.78	644.09
		For 230 Voltage, Add	*6,595.38*	
22 15 13 00-0098	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	31,632.65	751.43
		For 230 Voltage, Add	*9,038.93*	
22 15 13 00-0099	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	35,413.17	858.78
		For 230 Voltage, Add	*10,108.68*	
22 15 13 00-0100		**Oil And Water Separator For Air Compressor** *(22 15 13)*		
22 15 13 00-0101	EA	0-60 SCFM Oil/Water Separator	785.16	38.74
22 15 13 00-0102	EA	85 SCFM Oil/Water Separator	1,052.75	45.40
22 15 13 00-0103	EA	190 SCFM Oil/Water Separator	1,230.71	51.45
22 15 13 00-0104	EA	245 SCFM Oil/Water Separator	1,545.56	60.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0105	EA	320 SCFM Oil/Water Separator	1,836.99	72.64
22 15 13 00-0106	EA	700 SCFM Oil/Water Separator	3,702.67	151.35
22 15 13 00-0107		**Heavy-Duty Industrial Pressure Regulator** *(22 15 13)*		
22 15 13 00-0108	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	132.58	32.21
22 15 13 00-0109	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	185.39	42.94
22 15 13 00-0110	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	318.89	53.67
22 15 13 00-0111	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	398.37	80.51
22 15 13 00-0112	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	558.89	93.93
22 15 13 00-0113	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	585.73	107.34
22 15 13 00-0114		**Combination Air System; Filter Regulator Lubricator** *(22 15 13)*		
22 15 13 00-0115	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	506.48	96.61
22 15 13 00-0116	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	626.18	128.82
22 15 13 00-0117		**Heatless Desiccant Air Dryers** *(22 15 13)*		
22 15 13 00-0118	EA	5 SCFM Heatless Desiccant Air Dryer	3,036.11	96.61
22 15 13 00-0119	EA	10 SCFM Heatless Desiccant Air Dryer	3,651.52	107.34
22 15 13 00-0120	EA	15 SCFM Heatless Desiccant Air Dryer	3,685.88	118.09
22 15 13 00-0121	EA	20 SCFM Heatless Desiccant Air Dryer	4,210.18	134.18
22 15 13 00-0122	EA	30 SCFM Heatless Desiccant Air Dryer	5,802.53	161.02
22 15 13 00-0123	EA	50 SCFM Heatless Desiccant Air Dryer	5,723.75	214.70
22 15 13 00-0124	EA	85 SCFM Heatless Desiccant Air Dryer	7,690.49	268.37
22 15 13 00-0125	EA	100 SCFM Heatless Desiccant Air Dryer	8,156.82	322.04
22 15 13 00-0126	EA	125 SCFM Heatless Desiccant Air Dryer	9,337.40	375.72
22 15 13 00-0127	EA	175 SCFM Heatless Desiccant Air Dryer	10,722.37	429.39
22 15 13 00-0128	EA	200 SCFM Heatless Desiccant Air Dryer	11,519.85	483.06
22 15 13 00-0129	EA	300 SCFM Heatless Desiccant Air Dryer	14,092.86	536.74
22 15 13 00-0130	EA	400 SCFM Heatless Desiccant Air Dryer	15,649.12	644.09
22 15 13 00-0131	EA	500 SCFM Heatless Desiccant Air Dryer	18,086.23	751.43
22 15 13 00-0132	EA	600 SCFM Heatless Desiccant Air Dryer	20,869.79	858.78
22 15 13 00-0133		**Air-Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0134	EA	20 SCFM Air-Cooled Aftercooler	760.76	67.10
22 15 13 00-0135	EA	35 SCFM Air-Cooled Aftercooler	1,028.98	80.51
22 15 13 00-0136	EA	43 SCFM Air-Cooled Aftercooler	1,129.53	93.93
22 15 13 00-0137	EA	70 SCFM Air-Cooled Aftercooler	1,381.19	107.34
22 15 13 00-0138	EA	125 SCFM Air-Cooled Aftercooler	1,927.69	120.77
22 15 13 00-0139	EA	185 SCFM Air-Cooled Aftercooler	2,164.61	134.18
22 15 13 00-0140	EA	260 SCFM Air-Cooled Aftercooler	4,203.71	161.02
22 15 13 00-0141	EA	365 SCFM Air-Cooled Aftercooler	4,392.29	187.86
22 15 13 00-0142	EA	560 SCFM Air-Cooled Aftercooler	4,579.38	214.70
22 15 13 00-0143	EA	650 SCFM Air-Cooled Aftercooler	5,371.64	241.54
22 15 13 00-0144	EA	750 SCFM Air-Cooled Aftercooler	5,872.01	268.37
22 15 13 00-0145	EA	900 SCFM Air-Cooled Aftercooler	6,735.05	295.21
22 15 13 00-0146	EA	1,100 SCFM Air-Cooled Aftercooler	8,653.64	322.04
22 15 13 00-0147	EA	1,460 SCFM Air-Cooled Aftercooler	9,900.70	348.88
22 15 13 00-0148	EA	1,800 SCFM Air-Cooled Aftercooler	10,221.58	375.72
22 15 13 00-0149	EA	2,500 SCFM Air-Cooled Aftercooler	10,960.78	402.55
22 15 13 00-0150		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0151		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0152	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	262.98	39.35
22 15 13 00-0153	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	314.58	39.35
22 15 13 00-0154	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	343.26	45.40
22 15 13 00-0155	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	395.29	52.06
22 15 13 00-0156	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	461.48	57.52
22 15 13 00-0157	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	522.54	69.62
22 15 13 00-0158	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	545.25	75.68
22 15 13 00-0159	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	682.86	90.81
22 15 13 00-0160	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	876.08	121.08
22 15 13 00-0161	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	1,002.18	136.22
22 15 13 00-0162		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0163	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	321.96	39.35
22 15 13 00-0164	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	348.78	45.40
22 15 13 00-0165	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	400.45	52.06
22 15 13 00-0166	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	471.80	51.45
22 15 13 00-0167	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	534.34	69.62
22 15 13 00-0168	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	606.52	75.68
22 15 13 00-0169	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	696.13	90.81
22 15 13 00-0170	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	898.20	121.08
22 15 13 00-0171	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	1,031.66	136.22

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0172			Compressed Air Storage Tanks *(22 15 13)*		
22 15 13 00-0173			Horizontal Compressed Air Storage Tanks *(22 15 13 00-0172)*		
	22 15 13 00-0174	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	429.75	85.88
	22 15 13 00-0175	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	970.64	93.93
	22 15 13 00-0176	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	1,029.23	98.76
	22 15 13 00-0177	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	1,178.99	107.34
	22 15 13 00-0178	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,533.98	144.92
	22 15 13 00-0179	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,866.57	161.02
	22 15 13 00-0180	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	2,856.66	187.86
	22 15 13 00-0181	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	4,329.12	214.70
	22 15 13 00-0182	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	4,838.36	228.11
	22 15 13 00-0183	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	7,087.79	241.54
	22 15 13 00-0184	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	9,376.72	281.79
	22 15 13 00-0185	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	13,562.40	335.46
22 15 13 00-0186			Vertical Compressed Air Storage Tanks *(22 15 13 00-0172)*		
	22 15 13 00-0187	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	905.62	85.88
	22 15 13 00-0188	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	946.18	93.93
	22 15 13 00-0189	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	1,029.23	98.76
	22 15 13 00-0190	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	1,227.43	107.34
	22 15 13 00-0191	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,679.28	144.92
	22 15 13 00-0192	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,936.53	161.02
	22 15 13 00-0193	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	2,704.50	187.86
	22 15 13 00-0194	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	4,015.52	214.70
	22 15 13 00-0195	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	4,438.64	228.11
	22 15 13 00-0196	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	6,109.32	241.54
	22 15 13 00-0197	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	7,858.15	281.79
	22 15 13 00-0198	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	10,309.09	308.62
	22 15 13 00-0199	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	17,307.46	348.88

22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air-cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,199.30	380.87
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,339.12	439.59
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,808.98	519.14
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,341.01	572.81
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	5,318.11	605.02
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,683.88	626.48
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	6,381.65	716.01
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	6,845.71	758.95
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	8,217.98	859.21

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air-cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	6,122.18	669.42
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	6,566.57	787.61
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	6,860.74	859.21
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	7,819.77	1,145.62
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	8,438.00	1,145.62
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	9,042.41	1,432.02
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	9,603.13	1,432.02
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	12,316.62	1,771.24
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	13,209.53	1,824.91
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	14,271.15	2,132.79
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	21,582.88	2,414.25
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	23,172.82	2,728.03
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	25,831.22	3,015.08
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	28,099.25	3,304.38

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	10,476.27	966.22
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	11,665.10	1,288.29
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,961.65	1,615.20
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	17,278.28	2,058.36
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	19,766.79	2,421.59
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	24,009.38	2,724.30
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	26,305.26	3,026.99
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	31,675.08	3,390.23
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	34,830.40	3,632.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	39,118.94	3,914.50
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	50,978.65	4,237.79
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	56,592.53	4,479.95
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	91,137.48	4,843.18
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	113,809.25	5,236.69
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	132,263.05	5,636.26
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	172,266.57	6,053.98
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	195,777.24	6,441.44
22 15 19 19-0019		Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)* Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	13,065.46	1,288.29
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	13,893.61	1,288.29
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,620.13	1,615.20
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,525.92	1,615.20
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,640.59	2,058.36
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,598.13	2,058.36
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	20,065.84	2,421.59
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	21,101.02	2,421.59
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	34,913.27	2,724.30
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	37,597.35	3,026.99
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	40,022.65	3,390.23

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0104 for residential water softener.

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001		Commercial Water Softeners (Watts Pure Water) *(22 31 16)*		
22 31 16 00-0002		Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0003		1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	5,288.86	306.50
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,528.22	320.44
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,972.27	334.36
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,891.65	348.30
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	7,349.35	362.22
22 31 16 00-0009		1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,980.43	334.36
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	8,394.93	348.30
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	8,854.90	362.22
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	10,547.51	376.16
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	11,737.53	390.09
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	14,323.92	404.02

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0016			2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	12,192.92	348.30
	22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	12,636.98	362.22
	22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	14,334.14	376.16
	22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	15,524.15	390.09
	22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	18,251.55	404.02
	22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	24,126.50	417.96
	22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	28,250.29	431.89
22 31 16 00-0024			3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	29,677.38	404.02
	22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	34,308.32	417.96
	22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	38,377.52	431.89
	22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	48,364.33	445.82
	22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	53,568.39	459.75
22 31 16 00-0030			Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031			2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
	22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	20,034.88	522.45
	22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	20,924.96	543.34
	22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	23,852.79	564.24
	22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	26,093.78	585.14
	22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	31,903.07	606.04
	22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	42,347.29	626.94
	22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	49,885.01	647.83
22 31 16 00-0039			3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
	22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	54,563.70	606.04
	22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	62,715.48	626.94
	22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	70,505.64	647.83
	22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	89,785.32	668.72
	22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Diameter Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	100,272.74	689.62
22 31 16 00-0045			Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046			1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,928.07	459.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	7,392.88	480.65
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	8,073.73	501.55
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	9,725.70	522.45
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	10,772.71	543.34
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	13,743.44	501.55
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	14,494.80	522.45
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	15,610.04	543.34
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	17,894.25	564.24
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	20,212.57	585.14
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	25,364.61	606.04
22 31 16 00-0059		Water Deionizers *(22 31 16)*		
22 31 16 00-0060	EA	37 kg Water Deionizer Complete With Controls And Chemical Mixing Tank	8,016.37	490.40
22 31 16 00-0061	EA	55 kg Water Deionizer Complete With Controls And Chemical Mixing Tank	8,183.53	490.40
22 31 16 00-0062	EA	73 kg Water Deionizer Complete With Controls And Chemical Mixing Tank	10,816.30	490.40
22 31 16 00-0063	EA	110 kg Water Deionizer Complete With Controls And Chemical Mixing Tank	10,930.61	490.40

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001		Commercial Water Filters Housings *(22 32 16)*		
22 32 16 00-0002		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0003		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*		
22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,724.62	196.75
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,775.35	211.89
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,953.45	227.03
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,272.55	242.16
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,368.77	257.29
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	4,094.96	272.43
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	11,643.90	287.57
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	13,554.98	302.70
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	17,228.59	317.83
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	19,116.93	332.97
22 32 16 00-0014		Commercial Water Filter Cartridges *(22 32 16 00-0002)*		
22 32 16 00-0015		(Depth) Water Filter Cartridges *(22 32 16 00-0014)*		
22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	13.37	2.43
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	13.37	2.43
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	13.37	2.43
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	11.09	2.43
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	13.94	2.43
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	13.94	2.43
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	15.07	2.43
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	19.05	2.43
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	15.07	2.43
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	17.92	2.43
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	17.92	2.43
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	17.92	2.43
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	19.62	2.43
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	25.88	2.43
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	23.60	2.43
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	23.60	2.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	25.88	2.43
22 32 16 00-0033		**Pleated Water Filter Cartridges** *(22 32 16 00-0014)*		
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	24.17	2.43
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	24.17	2.43
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	24.74	2.43
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	26.45	2.43
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	40.09	2.43
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	38.39	2.43
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	38.39	2.43
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	38.39	2.43
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	50.89	2.43
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	72.50	2.43
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	60.56	2.43
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	84.44	2.43
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	87.85	2.43
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	99.22	2.43
22 32 16 00-0048		**Commercial Non-Metallic Water Filter Housings** *(22 32 16 00-0001)*		
22 32 16 00-0049		**Commercial Non-Metallic Water Filter Housings** *(22 32 16 00-0048)*		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	2,138.28	181.62
22 32 16 00-0051		**Commercial Water Filter Cartridges** *(22 32 16 00-0048)*		
22 32 16 00-0052		**Carbon Water Filter Cartridges** *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	713.27	2.43
22 32 16 00-0054		**(Depth) Water Filter Cartridges** *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	147.55	2.43
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	146.41	2.43
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	146.41	2.43
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	168.02	2.43
22 32 16 00-0059		**Pleated Water Filter Cartridges** *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	391.46	2.43
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	367.58	2.43
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	400.56	2.43
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	419.89	2.43
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	447.18	2.43
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	484.71	2.43

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001		**Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters** *(22 33 13 13)*		
22 33 13 13-0002	EA	2.4 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax SP2412)	537.80	60.50
22 33 13 13-0003	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	581.26	60.50
22 33 13 13-0004	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	631.83	60.50

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001		**Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters** *(22 33 13 16)*		
		Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	769.33	90.76
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	795.81	121.01
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,346.78	211.77
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	2,053.52	242.02
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	1,574.24	121.01
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	2,147.02	181.51
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	2,355.31	242.02
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	2,447.72	242.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	2,534.99	242.02
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	2,663.34	242.02

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,058.70	190.59
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,308.79	202.69
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,552.83	211.77

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	1,663.24	211.77
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	1,559.29	217.82
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	1,531.86	223.87
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,716.50	226.90
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	2,521.31	232.95
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	2,567.71	242.02
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	3,434.16	257.14

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,790.02	211.77
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,700.47	217.82
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,802.92	223.87

22 33 30 16-0013 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*

Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,848.56	217.82
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	2,023.16	223.87
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	2,501.41	232.95
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	2,722.86	242.02

22 33 30 16-0018 Water Heater Accessories *(22 33 30 16)*

22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	142.93	12.10
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	169.42	12.10
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	333.07	12.10
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	448.25	12.10
22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	77.71	9.08
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	84.88	9.08
22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	89.67	9.08
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	106.41	9.08
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	41.71	9.08
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	45.54	9.08
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	50.92	9.08
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	57.84	9.08

22 33 30 23 Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters *(22 33 30)*

22 33 30 23-0001 Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) *(22 33 30 23)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 23-0002	EA	80 Gallon, Solar Electric Domestic Water Heater	4,262.52	242.02
22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	5,118.28	257.14

22 33 33 Light-Commercial Electric Domestic Water Heaters *(22 33)*

22 33 33 00-0001 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

22 33 33 00-0002	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	2,721.12	211.77
22 33 33 00-0003	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	2,954.61	211.77
22 33 33 00-0004	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	3,189.29	242.02
22 33 33 00-0005	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	5,857.67	242.02
22 33 33 00-0006	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	6,719.90	302.52

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 33 33 00-0007	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	7,396.82	363.02
	22 33 33 00-0008	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	8,641.89	544.55
22 33 33 00-0009			Heavy-Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)*		
			Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
	22 33 33 00-0010	EA	3 KW, 5 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-5-3)	10,985.68	211.77
	22 33 33 00-0011	EA	3 KW, 10 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-10-3)	11,430.41	211.77
	22 33 33 00-0012	EA	6 KW, 10 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-10-6)	11,912.20	211.77
	22 33 33 00-0013	EA	3 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-3)	11,972.70	242.02
	22 33 33 00-0014	EA	6 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-6)	12,528.61	242.02
	22 33 33 00-0015	EA	9 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-9)	13,418.07	242.02
	22 33 33 00-0016	EA	12 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-12)	14,011.05	242.02
	22 33 33 00-0017	EA	15 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-15)	14,492.84	242.02
	22 33 33 00-0018	EA	18 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-18)	15,011.69	242.02
	22 33 33 00-0019	EA	6 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-6)	13,084.53	242.02
	22 33 33 00-0020	EA	9 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-9)	13,603.38	242.02
	22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-12)	14,196.35	242.02
	22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-15)	14,678.14	242.02
	22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-18)	15,196.99	242.02
	22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-24)	19,014.25	242.02
	22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-9)	14,206.18	302.52
	22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-12)	14,687.97	302.52
	22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-15)	15,280.94	302.52
	22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-18)	15,799.79	302.52
	22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-24)	19,654.12	302.52
	22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-30)	21,433.03	302.52
	22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-36)	23,174.89	302.52
	22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-9)	16,402.59	363.02
	22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-12)	16,884.38	363.02
	22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-15)	17,366.17	363.02
	22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-18)	17,885.03	363.02
	22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-24)	21,850.53	363.02
	22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-30)	23,629.45	363.02
	22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-36)	25,371.31	363.02
	22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-45)	28,521.47	363.02
	22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-54)	29,929.79	363.02
	22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-60)	34,821.81	363.02
	22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-75)	41,122.15	363.02
	22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-90)	51,721.54	363.02
	22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-9)	18,349.41	484.04
	22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-12)	18,905.32	484.04
	22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-15)	19,424.17	484.04
	22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-18)	19,868.90	484.04
	22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-24)	23,797.35	484.04
	22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-30)	25,576.27	484.04
	22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-36)	27,281.06	484.04
	22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-45)	30,505.35	484.04
	22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-54)	31,876.60	484.04
	22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-60)	36,805.69	484.04
	22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-75)	43,143.09	484.04
	22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-90)	53,705.41	484.04
	22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-12)	20,508.75	544.55
	22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-15)	21,027.61	544.55
	22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-18)	21,472.33	544.55
	22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-24)	25,437.84	544.55
	22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-30)	27,031.45	544.55
	22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-36)	28,884.49	544.55
	22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-45)	32,108.78	544.55
	22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-54)	33,517.09	544.55
	22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-60)	38,149.69	544.55
	22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-75)	44,746.52	544.55
	22 33 33 00-0066	EA	90 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-90)	55,308.85	544.55
	22 33 33 00-0067	EA	15 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-15)	23,075.79	605.05
	22 33 33 00-0068	EA	18 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-18)	23,668.76	605.05
	22 33 33 00-0069	EA	24 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-24)	27,523.08	605.05
	22 33 33 00-0070	EA	30 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-30)	29,302.00	605.05
	22 33 33 00-0071	EA	36 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-36)	31,043.86	605.05
	22 33 33 00-0072	EA	45 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-45)	34,194.03	605.05
	22 33 33 00-0073	EA	54 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-54)	35,639.40	605.05
	22 33 33 00-0074	EA	60 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-60)	40,494.36	605.05
	22 33 33 00-0075	EA	75 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-75)	46,794.70	605.05
	22 33 33 00-0076	EA	90 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-90)	57,431.15	605.05
	22 33 33 00-0077	EA	15 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-15)	24,652.00	726.06
	22 33 33 00-0078	EA	18 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-18)	25,170.85	726.06
	22 33 33 00-0079	EA	24 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-24)	29,025.17	726.06
	22 33 33 00-0080	EA	30 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-30)	30,729.97	726.06
	22 33 33 00-0081	EA	36 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-36)	32,545.95	726.06
	22 33 33 00-0082	EA	45 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-45)	35,696.11	726.06
	22 33 33 00-0083	EA	54 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-54)	37,030.30	726.06
	22 33 33 00-0084	EA	60 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-60)	42,033.51	726.06
	22 33 33 00-0085	EA	75 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-75)	48,370.91	726.06
	22 33 33 00-0086	EA	90 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-90)	58,896.17	726.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0087		Water Heater Accessories *(22 33 33)*		
22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	50.61	
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	74.18	
22 33 33 00-0090		Removal And Reinstallation Of Water Heater *(22 33 33)* Note: Includes storage and cleaning.		
22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	403.37	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,210.10	
22 33 36		**Commercial Domestic Water Electric Booster Heaters** *(22 33)*		
22 33 36 16		**Commercial Storage Electric Domestic Water Heaters** *(22 33 36)*		
22 33 36 16-0001		Commercial Storage Electric Domestic Water Heaters *(22 33 36 16)*		
22 33 36 16-0002	EA	150 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	41,276.67	810.42
22 33 36 16-0003	EA	150 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	43,311.10	810.42
22 33 36 16-0004	EA	150 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	45,345.55	810.42
22 33 36 16-0005	EA	150 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	47,379.98	810.42
22 33 36 16-0006	EA	150 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	51,448.84	810.42
22 33 36 16-0007	EA	150 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	55,517.72	810.42
22 33 36 16-0008	EA	150 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	58,772.82	810.42
22 33 36 16-0009	EA	200 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	43,970.35	952.24
22 33 36 16-0010	EA	200 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	46,020.43	952.24
22 33 36 16-0011	EA	200 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	48,070.52	952.24
22 33 36 16-0012	EA	200 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	50,120.60	952.24
22 33 36 16-0013	EA	200 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	54,220.77	952.24
22 33 36 16-0014	EA	200 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	58,320.94	952.24
22 33 36 16-0015	EA	200 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	61,601.08	952.24
22 33 36 16-0016	EA	200 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	66,521.27	952.24
22 33 36 16-0017	EA	250 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	45,657.83	1,083.94
22 33 36 16-0018	EA	250 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	47,678.35	1,083.94
22 33 36 16-0019	EA	250 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	49,698.88	1,083.94
22 33 36 16-0020	EA	250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	51,719.40	1,083.94
22 33 36 16-0021	EA	250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	55,760.45	1,083.94
22 33 36 16-0022	EA	250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	59,801.50	1,083.94
22 33 36 16-0023	EA	250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	63,842.55	1,083.94
22 33 36 16-0024	EA	250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	68,691.81	1,083.94
22 33 36 16-0025	EA	250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	73,541.06	1,083.94
22 33 36 16-0026	EA	300 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	50,363.86	1,246.02
22 33 36 16-0027	EA	300 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	52,397.32	1,246.02
22 33 36 16-0028	EA	300 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	54,430.77	1,246.02
22 33 36 16-0029	EA	300 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	58,497.69	1,246.02
22 33 36 16-0030	EA	300 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	62,564.60	1,246.02
22 33 36 16-0031	EA	300 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	65,818.13	1,246.02
22 33 36 16-0032	EA	300 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	72,054.07	1,246.02
22 33 36 16-0033	EA	300 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	76,934.36	1,246.02
22 33 36 16-0034	EA	300 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	79,374.51	1,246.02
22 33 36 16-0035	EA	300 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	81,814.66	1,246.02
22 33 36 16-0036	EA	300 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	84,254.81	1,246.02
22 33 36 16-0037	EA	350 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	55,903.50	1,468.88
22 33 36 16-0038	EA	350 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	57,809.06	1,468.88
22 33 36 16-0039	EA	350 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	59,714.63	1,468.88
22 33 36 16-0040	EA	350 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	63,525.75	1,468.88
22 33 36 16-0041	EA	350 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	67,336.87	1,468.88
22 33 36 16-0042	EA	350 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	70,385.77	1,468.88
22 33 36 16-0043	EA	350 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	74,959.12	1,468.88
22 33 36 16-0044	EA	350 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	79,532.46	1,468.88
22 33 36 16-0045	EA	350 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	81,819.14	1,468.88
22 33 36 16-0046	EA	350 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	84,105.81	1,468.88
22 33 36 16-0047	EA	350 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	86,392.48	1,468.88
22 33 36 16-0048	EA	350 Gallon, 297 KW, 480 Voltage, Commercial Electric Water Heater	89,822.50	1,468.88
22 33 36 16-0049	EA	400 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	61,301.33	1,620.84
22 33 36 16-0050	EA	400 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	63,655.70	1,620.84
22 33 36 16-0051	EA	400 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	66,010.07	1,620.84
22 33 36 16-0052	EA	400 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	70,718.80	1,620.84
22 33 36 16-0053	EA	400 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	75,427.53	1,620.84
22 33 36 16-0054	EA	400 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	79,194.52	1,620.84
22 33 36 16-0055	EA	400 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	84,845.00	1,620.84
22 33 36 16-0056	EA	400 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	90,495.48	1,620.84
22 33 36 16-0057	EA	400 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	93,320.71	1,620.84
22 33 36 16-0058	EA	400 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	96,145.95	1,620.84
22 33 36 16-0059	EA	400 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	98,971.20	1,620.84
22 33 36 16-0060	EA	400 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	104,621.67	1,620.84
22 33 36 16-0061	EA	400 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	107,446.91	1,620.84
22 33 36 16-0062	EA	500 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	71,565.73	1,823.44
22 33 36 16-0063	EA	500 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	74,074.83	1,823.44
22 33 36 16-0064	EA	500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	76,583.92	1,823.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16-0065	EA	500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	81,602.12	1,823.44
22 33 36 16-0066	EA	500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	86,620.32	1,823.44
22 33 36 16-0067	EA	500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	90,634.87	1,823.44
22 33 36 16-0068	EA	500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	96,656.71	1,823.44
22 33 36 16-0069	EA	500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	102,678.55	1,823.44
22 33 36 16-0070	EA	500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	105,689.46	1,823.44
22 33 36 16-0071	EA	500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	108,700.38	1,823.44
22 33 36 16-0072	EA	500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	111,711.30	1,823.44
22 33 36 16-0073	EA	500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	117,733.14	1,823.44
22 33 36 16-0074	EA	500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	120,744.06	1,823.44
22 33 36 16-0075	EA	500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	126,765.89	1,823.44
22 33 36 16-0076	EA	500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	132,787.72	1,823.44
22 33 36 16-0077	EA	600 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	84,021.05	2,026.05
22 33 36 16-0078	EA	600 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	86,938.32	2,026.05
22 33 36 16-0079	EA	600 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	89,855.60	2,026.05
22 33 36 16-0080	EA	600 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	95,690.13	2,026.05
22 33 36 16-0081	EA	600 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	101,524.68	2,026.05
22 33 36 16-0082	EA	600 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	106,192.31	2,026.05
22 33 36 16-0083	EA	600 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	112,214.15	2,026.05
22 33 36 16-0084	EA	600 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	119,215.60	2,026.05
22 33 36 16-0085	EA	600 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	122,716.33	2,026.05
22 33 36 16-0086	EA	600 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	126,217.05	2,026.05
22 33 36 16-0087	EA	600 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	129,717.77	2,026.05
22 33 36 16-0088	EA	600 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	137,698.84	2,026.05
22 33 36 16-0089	EA	600 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	144,700.29	2,026.05
22 33 36 16-0090	EA	600 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	148,201.02	2,026.05
22 33 36 16-0091	EA	600 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	155,202.46	2,026.05
22 33 36 16-0092	EA	800 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	96,880.89	2,704.78
22 33 36 16-0093	EA	800 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	102,825.79	2,704.78
22 33 36 16-0094	EA	800 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	108,770.69	2,704.78
22 33 36 16-0095	EA	800 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	113,526.61	2,704.78
22 33 36 16-0096	EA	800 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	120,660.50	2,704.78
22 33 36 16-0097	EA	800 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	127,794.37	2,704.78
22 33 36 16-0098	EA	800 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	131,361.32	2,704.78
22 33 36 16-0099	EA	800 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	134,928.26	2,704.78
22 33 36 16-0100	EA	800 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	138,495.19	2,704.78
22 33 36 16-0101	EA	800 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	145,629.08	2,704.78
22 33 36 16-0102	EA	800 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	152,762.97	2,704.78
22 33 36 16-0103	EA	800 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	156,329.90	2,704.78
22 33 36 16-0104	EA	800 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	163,463.79	2,704.78
22 33 36 16-0105	EA	1,000 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	113,428.55	3,474.68
22 33 36 16-0106	EA	1,000 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	118,518.45	3,474.68
22 33 36 16-0107	EA	1,000 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	123,608.35	3,474.68
22 33 36 16-0108	EA	1,000 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	127,680.28	3,474.68
22 33 36 16-0109	EA	1,000 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	133,788.17	3,474.68
22 33 36 16-0110	EA	1,000 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	139,896.06	3,474.68
22 33 36 16-0111	EA	1,000 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	142,949.99	3,474.68
22 33 36 16-0112	EA	1,000 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	146,003.94	3,474.68
22 33 36 16-0113	EA	1,000 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	149,057.88	3,474.68
22 33 36 16-0114	EA	1,000 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	155,165.76	3,474.68
22 33 36 16-0115	EA	1,000 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	161,273.65	3,474.68
22 33 36 16-0116	EA	1,000 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	164,327.59	3,474.68
22 33 36 16-0117	EA	1,000 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	170,435.47	3,474.68
22 33 36 16-0118	EA	1,250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	125,855.73	4,052.11
22 33 36 16-0119	EA	1,250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	130,532.83	4,052.11
22 33 36 16-0120	EA	1,250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	135,209.93	4,052.11
22 33 36 16-0121	EA	1,250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	138,951.61	4,052.11
22 33 36 16-0122	EA	1,250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	144,564.14	4,052.11
22 33 36 16-0123	EA	1,250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	150,176.66	4,052.11
22 33 36 16-0124	EA	1,250 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	152,982.92	4,052.11
22 33 36 16-0125	EA	1,250 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	155,789.18	4,052.11
22 33 36 16-0126	EA	1,250 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	158,595.45	4,052.11
22 33 36 16-0127	EA	1,250 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	164,207.96	4,052.11
22 33 36 16-0128	EA	1,250 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	169,820.48	4,052.11
22 33 36 16-0129	EA	1,250 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	172,626.74	4,052.11
22 33 36 16-0130	EA	1,250 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	178,239.27	4,052.11
22 33 36 16-0131	EA	1,250 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	183,851.79	4,052.11
22 33 36 16-0132	EA	1,500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	138,086.16	4,862.52
22 33 36 16-0133	EA	1,500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	142,604.95	4,862.52
22 33 36 16-0134	EA	1,500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	147,123.75	4,862.52
22 33 36 16-0135	EA	1,500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	150,738.78	4,862.52
22 33 36 16-0136	EA	1,500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	156,161.33	4,862.52
22 33 36 16-0137	EA	1,500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	161,583.89	4,862.52
22 33 36 16-0138	EA	1,500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	164,295.16	4,862.52
22 33 36 16-0139	EA	1,500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	167,006.44	4,862.52
22 33 36 16-0140	EA	1,500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	169,717.71	4,862.52
22 33 36 16-0141	EA	1,500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	175,140.27	4,862.52
22 33 36 16-0142	EA	1,500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	180,562.82	4,862.52
22 33 36 16-0143	EA	1,500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	183,274.09	4,862.52
22 33 36 16-0144	EA	1,500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	188,696.64	4,862.52
22 33 36 16-0145	EA	1,500 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	194,119.20	4,862.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	2,351.84	242.02
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	2,553.57	245.05
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	2,814.71	251.10
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	3,306.82	257.14
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	4,034.68	272.27
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	4,123.62	272.27

22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	2,547.52	242.02
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	4,034.68	272.27

22 34 13 00-0012 Indoor Mount, Instantaneous, Tankless, Natural Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

22 34 13 00-0013	EA	11 GPM, 15 MBTU Minimum To 199 MBTU Maximum, Indoor Mount, Instantaneous, Tankless, Natural Gas Domestic Water Heater (Rinnai CU199iN)	3,425.44	363.02

22 34 30 Residential Gas Domestic Water Heaters *(22 34)*

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,736.35	232.95
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,700.46	239.00
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	2,297.05	245.05
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	2,492.82	251.10
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	2,730.67	257.14
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	4,090.98	272.27

22 34 30 13-0008 Atmospheric, Gas Domestic Water Heaters *(22 34 30 13)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 13-0009	EA	40 Gallon, 40 MBH, Tall, 67% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GCF-40)	2,446.13	239.00
22 34 30 13-0010	EA	50 Gallon, 40 MBH, Tall, 67% Efficient, Energy Star, Gas Fired Domestic Water Heater (A. O. Smith GCF-50)	2,676.92	245.05
22 34 30 13-0011	EA	40 Gallon, 40 MBH, Short, 67% Efficient, Energy Star, Gas Fired Domestic Water Heater (A. O. Smith GCFL-40)	2,380.52	239.00
22 34 30 13-0012	EA	40 Gallon, 40 MBH, 70% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GAHH-40)	2,489.87	239.00
22 34 30 13-0013	EA	50 Gallon, 40 MBH, 70% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GAHH-50)	2,501.97	245.05
22 34 30 13-0014	EA	100 Gallon, 100 MBH, 96% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GDHE-50)	5,012.35	181.51

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	3,266.57	239.00
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	3,737.08	245.05
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	4,893.44	251.10

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	2,956.96	239.00
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	3,082.00	245.05

22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)*

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	7,111.48	363.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	7,586.37	423.54
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	9,392.15	484.04
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	8,115.11	484.04
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	9,339.98	484.04
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	12,471.10	532.45
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	9,034.65	544.55
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	13,429.77	599.00
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	9,176.18	544.55
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	12,806.38	599.00
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	10,159.53	665.56
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	13,999.27	732.11
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	11,440.01	665.56
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	14,083.51	732.11
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	11,055.63	726.06
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	15,547.64	798.66
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	14,071.41	726.06
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	18,445.55	798.66
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	18,370.80	786.56
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	9,170.05	423.54
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	11,006.98	465.88
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	9,526.93	484.04
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	11,426.51	532.45
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,289.80	302.52
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,508.82	302.52

22 34 36 13-0027 Removal And Reinstallation Of Water Heater *(22 34 36 13)*

Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	550.04	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,454.44	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,780.47	363.02
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	8,290.86	363.02
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	10,113.55	423.54
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	10,520.98	484.04
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	10,571.53	484.04
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	10,807.40	484.04
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	12,690.13	532.45
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	11,922.45	544.55
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	14,676.55	599.00
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	12,484.60	665.56
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	15,313.44	732.11
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	12,754.17	665.56
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	15,481.92	732.11
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	14,307.29	726.06
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	16,828.11	798.66
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	17,356.83	726.06
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	20,029.29	798.66

22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	4,466.30	363.02
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	6,016.34	363.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	7,296.81	363.02
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	10,536.89	399.33
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	10,787.48	423.54
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	13,618.47	465.88
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	10,942.19	484.04
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	14,021.15	532.45
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	12,646.93	544.55
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	15,401.02	599.00
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	20,165.75	732.11
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	21,191.82	798.66
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	24,391.32	865.22

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)*

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	97,936.18	1,620.84
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	118,522.24	1,722.15
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	144,133.35	1,823.44
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	172,421.16	1,924.75
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	180,721.86	2,026.05

22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*

22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	12,047.84	892.33
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	13,062.41	1,003.87
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	15,108.94	1,226.96
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	22,129.18	1,338.51
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	24,317.06	1,561.58
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	27,816.07	1,784.67
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	30,719.32	2,007.76
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	36,768.92	2,230.84
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	38,146.60	2,342.38
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	40,937.66	2,453.93

22 34 36 23-0018 Gas Fired Condensing Volume Water Heaters, High Efficiency (Laars NeoTherm) *(22 34 36 23)*

Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.

22 34 36 23-0019	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	20,359.86	669.14
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0020	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	23,676.59	892.33
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0021	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	31,036.59	1,003.87
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0022	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	38,983.73	1,226.96
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0023	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	46,089.22	1,338.51
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0024	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	52,135.90	1,450.05
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0025	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	62,633.61	1,561.58
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0026	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	69,430.29	1,673.13
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0027	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	91,424.67	1,784.67
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0028	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	122,913.89	2,342.38
		For Skid Mounting, Add	*950.00*	

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,688.59	1,695.44
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,848.42	1,873.91
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	56,264.05	1,963.14
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	60,939.37	2,141.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0006		Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,526.29	1,695.44
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,933.01	1,873.91
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,286.98	1,963.14
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,684.16	2,141.61
22 34 36 26-0011		Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,334.77	803.10
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,169.06	892.33
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,767.61	1,070.81
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,203.81	1,115.42
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,745.19	1,338.51
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,653.55	1,606.21
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,483.84	1,695.44
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	26,032.52	1,829.29
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,420.32	1,918.52
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,507.16	1,963.14
22 34 36 26-0022		Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,727.02	1,338.51
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	26,165.93	1,606.21
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,322.14	1,829.29
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,287.75	1,918.52
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,773.33	1,963.14
22 34 36 26-0028		Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,536.60	1,606.21
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,467.89	1,829.29
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,587.77	1,963.14
22 34 46		**Oil-Fired Domestic Water Heaters** *(22 34)*		
22 34 46 11		**Standard-capacity, Oil-Fired Domestic Water Heaters** *(22 34 46)*		
22 34 46 11-0001		Oil-Fired Domestic Water Heaters *(22 34 46 11)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	3,819.57	186.36
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	3,773.25	186.36
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	3,922.08	186.36
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	4,111.56	191.20
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	5,120.59	196.03
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	4,384.61	196.03
22 34 46 11-0008		Oil-Fired Commercial Water Heaters *(22 34 46 11)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Domestic Water Heater (Bock 71E)	5,817.42	290.42
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Domestic Water Heater (Bock 72E)	6,786.39	290.42
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Domestic Water Heater (Bock 73E)	6,823.67	290.42
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Domestic Water Heater (Bock 120E)	9,533.93	387.23
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Domestic Water Heater (Bock 361E)	13,417.94	484.04
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Domestic Water Heater (Bock 541E)	16,689.03	532.45
22 35		**Domestic Water Heat Exchangers** *(22 30)*		
22 35 23		**Circulating, Domestic Water Heat Exchangers** *(22 35)*		
22 35 23 13		**Circulating, Compact Domestic Water Heat Exchangers** *(22 35 23)*		
22 35 23 13-0001		Steam Driven Water Heaters *(22 35 23 13)*		
22 35 23 13-0002		Constant Flow *(22 35 23 13-0001)*		
22 35 23 13-0003	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Constant Flow	6,534.46	605.05
22 35 23 13-0004	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Constant Flow	8,159.99	741.43
22 35 23 13-0005	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Constant Flow	10,458.23	969.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 13-0006	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Constant Flow	14,155.67	1,350.59
22 35 23 13-0007	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Constant Flow	20,911.23	2,224.40
22 35 23 13-0008	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Constant Flow	22,799.53	2,520.99
22 35 23 13-0009	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Constant Flow	29,878.11	2,908.83
22 35 23 13-0010	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Constant Flow	35,943.67	3,437.77

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Variable Flow	9,871.44	1,179.85
22 35 23 13-0013	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Variable Flow	11,198.70	1,440.63
22 35 23 13-0014	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Variable Flow	14,288.04	1,862.82
22 35 23 13-0015	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Variable Flow	18,753.54	2,599.05
22 35 23 13-0016	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Variable Flow	28,033.59	4,346.67
22 35 23 13-0017	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Variable Flow	34,065.61	4,786.78
22 35 23 13-0018	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Variable Flow	39,466.87	5,602.27
22 35 23 13-0019	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Variable Flow	49,937.03	6,693.05

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 26 Residential Disposers *(22 41)*

22 41 26 00-0001 Disposals *(22 41 26)*

22 41 26 00-0002	EA	1/3 HP Insulated Garbage Disposal	286.56	78.58
22 41 26 00-0003	EA	1/2 HP Insulated Garbage Disposal	324.06	78.58
22 41 26 00-0004	EA	3/4 HP Insulated Garbage Disposal	417.82	78.58
22 41 26 00-0005	EA	1 HP Insulated Garbage Disposal	511.58	78.58

22 41 39 Residential Faucets, Supplies, and Trim *(22 41)*

22 41 39 00-0001 Residential Kitchen Faucets *(22 41 39)*

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	209.30	55.73
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	241.75	55.73
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	241.75	55.73
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	232.79	55.73
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	250.22	55.73

22 41 39 00-0007 Residential Lavatory Faucets *(22 41 39)*

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	191.15	40.12
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	191.15	40.12
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	137.78	40.12
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	

22 41 39 00-0011 Residential Bath And Shower Faucets *(22 41 39)*

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	248.84	48.37
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	293.23	48.37
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	229.50	48.37
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	253.40	48.37
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	282.43	30.26
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	234.89	30.26
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	263.73	30.26

22 41 39 00-0019 Residential Laundry Faucets *(22 41 39)*

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	164.67	35.58

22 41 39 00-0021 Residential Laundry/Wash Basin Faucets *(22 41 39)*

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	166.01	35.58
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	237.23	39.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 39 00-0024		Supply Lines and Shut-off Valves *(22 41 39)* See CSI section 22 42 39 00-0165 for supply lines and shut-off valves.		
22 41 39 00-0025	EA	16" Long, 3/8" Compression x 1/2" FIP Lav/Sink Connector, Polymer Braid, Supply Line	17.90	7.56
22 41 39 00-0026	EA	20" Long, 3/8" Compression x 1/2" FIP Lav/Sink Connector, Polymer Braid, Supply Line	20.61	7.56
22 41 39 00-0027		Other Residential Faucets *(22 41 39)*		
22 41 39 00-0028	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	45.25	9.08

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001		Vitreous China Water Closets *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	631.45	115.92
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	762.37	115.92
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	950.44	115.92
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	800.22	115.92
22 42 13 13-0007	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®)	895.82	115.92
22 42 13 13-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	907.58	115.92
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	608.35	115.92
22 42 13 13-0010	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	685.38	115.92
22 42 13 13-0011		Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	715.29	142.66
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	918.22	142.66
22 42 13 13-0014	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,161.67	142.66
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	725.65	142.66
22 42 13 13-0016	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,467.94	142.66
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	806.56	142.66
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	775.94	142.66
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	894.75	142.66
22 42 13 13-0020		Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	612.86	115.92
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	675.91	115.92
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	847.27	115.92
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	821.68	115.92
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	845.94	115.92
22 42 13 13-0026	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,051.46	115.92
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	821.91	115.92
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	724.53	115.92
22 42 13 13-0029	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	788.97	115.92
22 42 13 13-0030	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519)	881.75	115.92
22 42 13 13-0031	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	744.35	115.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0032	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	728.93	115.92
22 42 13 13-0033	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5667-BWL)	795.84	115.92
22 42 13 13-0034		**Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0035	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	660.04	115.92
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	649.91	115.92
22 42 13 13-0037	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	720.76	115.92
22 42 13 13-0038		**Floor Mounted Round Bowl Vitreous China Water Closets** *(22 42 13 13-0001)*		
22 42 13 13-0039	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113)	745.67	115.92
22 42 13 13-0040	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412)	721.78	115.92
22 42 13 13-0041		**Stainless Steel Water Closets** *(22 42 13 13)*		
22 42 13 13-0042	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	2,598.21	250.77
22 42 13 13-0043	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	2,350.14	250.77
22 42 13 13-0044		**Water Closet Carriers** *(22 42 13 13)*		
22 42 13 13-0045		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 13-0044)*		
		Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0046	EA	Pipe Grip Adaptor Type, Water Closet Carrier	740.71	58.85
22 42 13 13-0047		**No-Hub, Water Closet Carriers** *(22 42 13 13-0044)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0048	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	1,179.38	58.85
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*291.16*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0049	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	1,179.38	58.85
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*291.16*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0050	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,293.46	58.85
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*291.16*	
		For Horizontal No Hub Cast Long Barrel, Add	*305.45*	
		For Carrier For Wide Chase Installations, Add	*392.55*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0051	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,439.68	58.85
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*233.15*	
		For Auxiliary Inlet, Add	*291.16*	
		For Carrier For Wide Chase Installations, Add	*392.55*	
		For Double 4" Branches, Add	*467.89*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0052	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,974.79	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.88*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0053	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,032.65	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.88*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	
22 42 13 13-0054	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,493.80	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*241.51*	
		For Auxiliary Inlet, Add	*307.88*	
		For Double 4" Branches, Add	*484.61*	
		For Carrier For Wide Chase Installations, Add	*835.25*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	
22 42 13 13-0055	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	2,342.76	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For Horizontal No Hub Cast Long Barrel, Add	*313.81*	
		For Carrier For Wide Chase Installations, Add	*835.25*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

22 42 13 13-0056 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0057	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	1,078.87	58.85
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	
		For Auxiliary Inlet, Add	*291.16*	
22 42 13 13-0058	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	1,179.38	58.85
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*291.16*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0059	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,494.31	58.85
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*233.15*	
		For Auxiliary Inlet, Add	*291.16*	
		For Carrier For Wide Chase Installations, Add	*392.55*	
		For Double 4" Branches, Add	*467.89*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0060	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,802.81	86.38
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.88*	
		For Hanger Type Closet Adapter, Add	*459.55*	
22 42 13 13-0061	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,548.44	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*241.51*	
		For Auxiliary Inlet, Add	*307.88*	
		For Double 4" Branches, Add	*484.61*	
		For Carrier For Wide Chase Installations, Add	*835.25*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

22 42 13 13-0062 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers

(22 42 13 13-0044)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0063	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	898.18	58.85
		For Positioning Frame, Add	*66.77*	
		For Supply Pipe Support, Add	*68.38*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	

22 42 13 13-0064 Institutional Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0065	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	3,294.02	86.38
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.88*	
		For Supply Pipe Support, Add	*145.11*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.88*	

22 42 13 13-0066 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0067	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	511.80	
22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	511.80	
22 42 13 13-0069	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	394.16	
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	394.16	

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	620.37	119.25
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	735.21	119.25
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	699.10	119.25
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	769.75	119.25
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	731.75	119.25
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	596.09	119.25
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	781.99	119.25
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	706.09	119.25
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	695.06	119.25
22 42 13 16-0012	EA	Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	636.11	119.25
22 42 13 16-0013	EA	Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	677.89	119.25

22 42 13 16-0014 Floor Mounted Urinals *(22 42 13 16-0001)*

22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	1,064.50	150.46
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,164.86	150.46
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	316.33	27.86
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	358.77	27.86

22 42 13 16-0019 Waterfree Urinals *(22 42 13 16-0001)*

22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	649.09	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-42.23*	
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	785.44	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-57.78*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	746.42	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-53.33*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	611.28	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-37.92*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	611.28	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-37.92*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	806.63	83.59
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-60.19*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	975.53	83.59
		For >1, Deduct	*-79.45*	

22 42 13 16-0027 Stainless Steel Urinals *(22 42 13 16)*

22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	2,643.10	250.77
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	5,374.86	306.50

22 42 13 16-0030 Urinal Carriers *(22 42 13 16)*

22 42 13 16-0031 Floor Mounted, Urinal Carriers *(22 42 13 16-0030)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	601.96	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	715.78	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	

22 42 13 16-0034 Wall Mounted, Urinal Carriers *(22 42 13 16-0030)*

Note: Includes wall plate and adjustable supporting rods.

22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	273.90	42.35
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0036		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	507.73	
22 42 16		**Commercial Lavatories and Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		Lavatories *(22 42 16 13)* Note: Includes trap, drain and supply valves. Excludes faucets.		
22 42 16 13-0002		Wall Hung Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	554.14	74.67
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	580.95	74.67
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	731.09	74.67
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	505.27	74.67
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	430.37	74.67
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	553.70	74.67
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	658.99	74.67
22 42 16 13-0010	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	517.88	74.67
22 42 16 13-0011	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	452.45	74.67
22 42 16 13-0012		Countertop Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0013	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	525.23	90.28
22 42 16 13-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	537.50	90.28
22 42 16 13-0015	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	571.65	90.28
22 42 16 13-0016	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	608.06	90.28
22 42 16 13-0017	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	809.11	97.52
22 42 16 13-0018		Undermount Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0019	EA	15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	481.40	90.28
22 42 16 13-0020	EA	17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	455.74	90.28
22 42 16 13-0021	EA	19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	455.74	90.28
22 42 16 13-0022	EA	21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	486.99	90.28
22 42 16 13-0023	EA	15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	471.13	90.28
22 42 16 13-0024	EA	17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	466.40	90.28
22 42 16 13-0025	EA	19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	471.22	90.28
22 42 16 13-0026	EA	18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	577.42	90.28
22 42 16 13-0027	EA	21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	577.42	90.28
22 42 16 13-0028		Pedestal Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0029	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	644.49	214.55
22 42 16 13-0030		Cultured Marble Vanity Tops *(22 42 16 13-0001)* Note: Includes predrilled holes for faucet.		
22 42 16 13-0031	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	370.48	83.59
22 42 16 13-0032	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	428.01	89.17
22 42 16 13-0033	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	532.57	94.74
22 42 16 13-0034	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	762.32	100.31
22 42 16 13-0035	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	404.66	83.59
22 42 16 13-0036	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	437.64	89.17
22 42 16 13-0037	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	589.42	94.74
22 42 16 13-0038	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	649.74	97.52
22 42 16 13-0039	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	738.28	100.31
22 42 16 13-0040		Quartz Vanity Tops *(22 42 16 13-0001)* Note: Includes predrilled holes for faucet.		
22 42 16 13-0041	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	778.82	83.59
22 42 16 13-0042	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	814.47	89.17
22 42 16 13-0043	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	942.23	94.74
22 42 16 13-0044	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	949.48	97.52
22 42 16 13-0045	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	1,039.78	100.31
22 42 16 13-0046	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,405.50	105.88
22 42 16 13-0047	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,666.26	111.44
22 42 16 13-0048	EA	22" End Splash For Quartz Vanity Tops	46.79	
22 42 16 13-0049		Solid Surface Vanity Tops *(22 42 16 13-0001)* Note: Includes predrilled holes for faucet.		
22 42 16 13-0050	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	646.75	83.59
22 42 16 13-0051	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	731.26	89.17
22 42 16 13-0052	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	827.10	94.74
22 42 16 13-0053	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	914.53	97.52
22 42 16 13-0054	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	994.48	100.31
22 42 16 13-0055	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,099.81	103.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0056	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,229.01	105.88
22 42 16 13-0057	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,261.08	105.88
22 42 16 13-0058	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,364.42	111.44
22 42 16 13-0059	EA	22" End Splash For Solid Surface Vanity Tops	69.30	
22 42 16 13-0060		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0061	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	7,009.78	162.10
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0062	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	10,291.37	162.10
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0063	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	469.85	54.04
22 42 16 13-0064	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	584.23	54.04
22 42 16 13-0065	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,166.80	54.04
22 42 16 13-0066		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0067	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,478.47	195.05
22 42 16 13-0068		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0069		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0068)*		
22 42 16 13-0070		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0069)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	601.96	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*115.76*	
		For Corner Carrier, Add	*225.11*	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	715.78	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*115.76*	
22 42 16 13-0073	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	823.44	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*231.52*	
22 42 16 13-0074	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	947.17	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*231.52*	
22 42 16 13-0075		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0069)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0076	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	776.03	50.16
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*46.60*	
		For Valve Plate For Attaching To Upright, Add	*117.99*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0077	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	1,141.39	50.16
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	
		For Valve Plate For Attaching To Upright, Add	*117.99*	
		For Heavy-Duty Carrier, Add	*117.29*	
22 42 16 13-0078	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	1,040.55	50.16
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*93.21*	
		For Valve Plate For Attaching To Upright, Add	*235.98*	
		For 2" Chrome Plated Escutcheons, Add	*228.16*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*414.56*	
22 42 16 13-0079	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,705.39	50.16
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Vandal Proof Trim, Add	*183.20*	
		For Valve Plate For Attaching To Upright, Add	*235.98*	
		For Heavy-Duty Carrier, Add	*234.59*	
22 42 16 13-0080		**Wall Mounted, Lavatory Carriers** *(22 42 16 13-0068)*		
22 42 16 13-0081		**Wall Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0080)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 16 13-0082	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	273.90	42.35
		For Double Plate Carrier, Add	*86.87*	
22 42 16 13-0083		**Wall Mounted Plate Type, Lavatory Carriers With Arms** *(22 42 16 13-0080)*		
		Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0084	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	471.34	50.16
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0085	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	561.33	50.16
		For Movable Mounting Brackets, Deduct	*-86.76*	
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0086	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	839.31	50.16
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	

22 42 16 13-0087 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 13-0088	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	327.80	

22 42 16 16 Commercial Sinks *(22 42 16)*

22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets.

22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	697.11	104.77
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	913.84	119.25
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	951.32	102.54
		For 18 Gauge, Add	*266.69*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	978.52	102.54
		For 18 Gauge, Add	*280.29*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	1,039.72	102.54
		For 18 Gauge, Add	*310.89*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	1,093.90	104.77
		For 18 Gauge, Add	*331.29*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,403.91	119.25
		For 18 Gauge, Add	*465.02*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,438.89	119.25
		For 18 Gauge, Add	*482.31*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,392.19	102.54
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,422.79	102.54
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,499.86	102.54
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,602.77	104.77
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,958.12	119.25
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,872.96	119.25

22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,240.39	102.54
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,225.59	102.54
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,251.72	102.54
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,328.79	102.54
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99) Note: Available in 4-1/2", 5, or 5-1/2" depths.	1,280.05	102.54
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,477.58	102.54
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,772.89	102.54
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	986.19	102.54
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,322.85	102.54

22 42 16 16-0027 Multi-Station Wash Sink, Wall Mounted *(22 42 16 16-0001)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,893.39	181.11
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,509.10	195.05
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,878.69	208.98
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,640.36	139.31
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,938.66	153.25
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,230.85	167.19
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,590.51	188.08
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	3,530.88	306.50

22 42 16 16-0036 Utility Or Laundry Sinks *(22 42 16 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	642.69	119.25
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	738.48	119.25
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	640.77	119.25
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	979.33	119.25
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,390.58	133.74
22 42 16 16-0042		**Refinish Sink/Lavatory** *(22 42 16 16-0001)*		
22 42 16 16-0043	EA	Refinish Sink/Lavatory	257.16	
22 42 16 16-0044		**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	1,093.32	179.44
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	1,145.57	179.44
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,339.76	237.39
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	536.85	167.19
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	620.27	167.19
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	691.83	200.62
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	638.17	167.19
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	726.06	200.62
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	1,015.38	167.19
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,253.77	200.62
22 42 16 16-0055	EA	33" x 33" x 10", Type 304 Stainless Steel, ADA Mop Sink (IMC Teddy FS-ADA)	2,119.32	74.34
22 42 16 16-0056		**Soapstone Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0057	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	1,091.31	102.54
22 42 16 16-0058	SF	Soapstone Sink Backsplash	169.77	
22 42 16 16-0059	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,386.14	119.25
22 42 16 16-0060	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,615.99	119.25
22 42 16 16-0061		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0062	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drain Board, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	4,403.32	278.64
22 42 16 16-0063		**Classroom Sinks** *(22 42 16 16-0001)* Note: Includes drain, trap and supply valves.		
22 42 16 16-0064	EA	25" x 17" x 6-1/2", 20 Gauge Stainless Steel, Top Mounting Type, 15-34" x 14" x 6-3/8" Deep Single Bowl, Drop-In Classroom ADA Sink (Elkay CDKAD2517654) Note: Includes single manual handle faucet, gooseneck faucet and basket strainer (LKD208513LC, LK1141A, LK35)	904.85	102.54
22 42 16 16-0065		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0066		**Floor Mounted, Sink Carriers** *(22 42 16 16-0065)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0067	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	883.83	42.35
		For Vandal Proof Trim, Add	*91.60*	
		For Valve Plate For Attaching To Upright, Add	*115.76*	
22 42 16 16-0068	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,519.19	42.35
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Vent, Add	*268.43*	
22 42 16 16-0069	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,911.28	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*69.09*	
		For Vandal Proof Trim, Add	*91.60*	
22 42 16 16-0070		**Removal And Reinstallation Of Sink And Trim** *(22 42 16 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0071	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	449.41	
22 42 19		**Commercial Bathtubs** *(22 42)*		
22 42 19 00-0001		**Recessed Alcove Bathtubs** *(22 42 19)*		
22 42 19 00-0002		**Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	2,342.33	309.84
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,678.81	309.84
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,710.71	309.84
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,667.55	309.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 19 00-0007		**Porcelain Enameled Steel, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	749.85	309.84
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	911.30	309.84
22 42 19 00-0010		**Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	1,321.57	309.84
22 42 19 00-0012		**Acrylic, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	1,348.18	309.84
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,626.67	309.84
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,653.19	309.84
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,633.12	309.84
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,666.45	309.84
22 42 19 00-0018		**Bathtub Refinishing** *(22 42 19)*		
22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	657.16	
22 42 19 00-0020		**Tub And Shower Combinations** *(22 42 19)*		
22 42 19 00-0021		**Acrylic Tub And Shower Combination** *(22 42 19 00-0020)*		
22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta B23207-6032-WH)	908.06	116.71
		For 2 Piece Enclosure, Deduct	*-205.03*	
22 42 19 00-0023		**Fiberglass Tub And Shower Combination** *(22 42 19 00-0020)*		
22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	1,105.25	116.71
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	1,088.98	116.71
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,599.67	176.15
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	2,494.98	369.90
		For 2 Piece Enclosure, Deduct	*-527.02*	
22 42 23		**Commercial Showers** *(22 42)*		
22 42 23 00-0001		**Shower Enclosures** *(22 42 23)*		
		Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002		**Powder Coated Or Baked Enamel Steel Shower Enclosure** *(22 42 23 00-0001)*		
22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,644.84	179.77
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,787.65	179.77
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,701.65	179.77
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	2,972.99	179.77
22 42 23 00-0007		**Solid Plastic Core High-Density Polymer (HDP) Shower Enclosure** *(22 42 23 00-0001)*		
22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,685.94	179.77
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,944.43	179.77
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	4,229.74	179.77
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,729.58	179.77
22 42 23 00-0012		**Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down** *(22 42 23 00-0001)*		
22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	988.31	179.77
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,019.72	179.77
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,063.94	179.77
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,161.37	179.77
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,172.26	179.77
22 42 23 00-0018		**1 Piece Shower Units** *(22 42 23)*		
22 42 23 00-0019	EA	32" x 32" x 73", 1 Piece, Fiberglass Shower With Drain (Swan VP3232CS)	1,035.55	116.71
22 42 23 00-0020	EA	36" x 36" x 73", 1 Piece, Fiberglass Shower With Drain (Swan VP3636CS)	1,068.88	116.71
22 42 23 00-0021		**Personnel Type Shower Receptors** *(22 42 23)*		
22 42 23 00-0022		**Acrylic Shower Receptors** *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	639.92	45.38
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	680.67	45.38
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	762.05	45.38
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	927.96	54.45
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	641.84	45.38
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	695.43	45.38
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	795.14	45.38
22 42 23 00-0030	EA	60" x 32" Acrylic Shower Receptor	877.24	54.45
22 42 23 00-0031	EA	60" x 36" Acrylic Shower Receptor	884.14	54.45
22 42 23 00-0032	EA	60" x 42" Acrylic Shower Receptor	890.47	54.45
22 42 23 00-0033	EA	60" x 48" Acrylic Shower Receptor	989.54	54.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0034	EA	36" x 36" Acrylic Corner Shower Receptor	966.58	45.38
22 42 23 00-0035	EA	42" x 42" Acrylic Corner Shower Receptor	1,120.39	45.38
22 42 23 00-0036		Molded Stone Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0037	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	314.35	45.38
22 42 23 00-0038	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	329.25	45.38
22 42 23 00-0039	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	330.91	45.38
22 42 23 00-0040	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	404.58	45.38
22 42 23 00-0041	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	359.88	45.38
22 42 23 00-0042	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	380.58	45.38
22 42 23 00-0043	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	383.06	45.38
22 42 23 00-0044	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	443.93	54.45
22 42 23 00-0045	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	459.66	54.45
22 42 23 00-0046	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	364.02	45.38
22 42 23 00-0047	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	373.13	45.38
22 42 23 00-0048		Precast Terrazzo Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0049	EA	30" x 30" Precast Terrazzo Shower Receptor	584.22	45.38
22 42 23 00-0050	EA	32" x 32" Precast Terrazzo Shower Receptor	606.57	45.38
22 42 23 00-0051	EA	34" x 34" Precast Terrazzo Shower Receptor	627.27	45.38
22 42 23 00-0052	EA	36" x 36" Precast Terrazzo Shower Receptor	629.75	45.38
22 42 23 00-0053	EA	40" x 40" Precast Terrazzo Shower Receptor	688.53	45.38
22 42 23 00-0054	EA	42" x 42" Precast Terrazzo Shower Receptor	718.33	45.38
22 42 23 00-0055	EA	48" x 48" Precast Terrazzo Shower Receptor	1,006.41	45.38
22 42 23 00-0056	EA	36" x 32" Precast Terrazzo Shower Receptor	622.30	45.38
22 42 23 00-0057	EA	42" x 32" Precast Terrazzo Shower Receptor	634.17	45.38
22 42 23 00-0058	EA	42" x 34" Precast Terrazzo Shower Receptor	655.41	45.38
22 42 23 00-0059	EA	42" x 36" Precast Terrazzo Shower Receptor	681.90	45.38
22 42 23 00-0060	EA	32" x 48" Precast Terrazzo Shower Receptor	684.39	45.38
22 42 23 00-0061	EA	48" x 34" Precast Terrazzo Shower Receptor	718.33	45.38
22 42 23 00-0062	EA	54" x 32" Precast Terrazzo Shower Receptor	752.27	45.38
22 42 23 00-0063	EA	60" x 30" Precast Terrazzo Shower Receptor	1,015.65	54.45
22 42 23 00-0064	EA	60" x 32" Precast Terrazzo Shower Receptor	1,109.58	54.45
22 42 23 00-0065	EA	60" x 34" Precast Terrazzo Shower Receptor	1,114.19	54.45
22 42 23 00-0066	EA	60" x 36" Precast Terrazzo Shower Receptor	1,118.77	54.45
22 42 23 00-0067	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	633.06	45.38
22 42 23 00-0068	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	634.17	45.38
22 42 23 00-0069	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	636.37	45.38
22 42 23 00-0070	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	761.37	45.38
22 42 23 00-0071	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,378.10	45.38
22 42 23 00-0072	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,535.00	54.45
22 42 23 00-0073	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,599.57	54.45
22 42 23 00-0074		Shower Receptors Accessories *(22 42 23 00-0021)*		
22 42 23 00-0075	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.99	
22 42 23 00-0076		Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0077	EA	Removal And Reinstallation Of Shower Head	54.45	
22 42 23 00-0078		Removal Of Tile Shower Floor With Lead Liner Pan *(22 42 23)*		
		See CSI section 01 74 19 00-0031 for landfill dump fee.		
22 42 23 00-0079	SF	Removal Of Tile Shower Floor With Lead Liner Pan	0.00	4.37

22 42 26 Commercial Disposers *(22 42)*

See CSI section 22 41 26 00-0001 for disposals.

22 42 33 Wash Fountains *(22 42)*

22 42 33 00-0001		Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	9,725.73	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,944.96	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,504.50	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	12,397.35	216.13
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,704.43	216.13
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,184.73	216.13
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	8,485.81	162.10
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,509.40	162.10
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,457.50	162.10
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	10,413.18	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,438.07	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,679.87	189.12
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	225.87	55.73
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	255.61	55.73
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	253.32	55.73
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	279.14	55.73
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	210.15	55.73
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	231.11	55.73
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	301.72	55.73
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	213.11	55.73
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	205.18	55.73
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	243.95	55.73
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	423.56	55.73
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	465.20	55.73
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	437.44	60.50
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	435.41	60.50
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	323.37	60.50
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	755.88	55.73
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	957.95	55.73
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	1,025.31	55.73
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	755.88	55.73
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	957.95	55.73
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	1,025.31	55.73

22 42 39 00-0023 Lavatory Faucets *(22 42 39)*

22 42 39 00-0024	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	289.44	40.12
22 42 39 00-0025	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	203.41	40.12
22 42 39 00-0026	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	250.47	40.12
22 42 39 00-0027	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	273.94	40.12
22 42 39 00-0028	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	334.55	40.12
22 42 39 00-0029	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	399.53	40.12
22 42 39 00-0030	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	240.35	40.12
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	361.52	40.12
22 42 39 00-0032	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	262.86	40.12
22 42 39 00-0033	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	268.76	40.12
22 42 39 00-0034	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	322.82	40.12
22 42 39 00-0035	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	316.43	40.12
22 42 39 00-0036	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	260.04	40.12
22 42 39 00-0037	EA	8" Widespread, Chrome, Two Wrist Blade Handle Bar/Pantry Gooseneck Lavatory Faucet (Moen 8248)	454.50	40.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0038	EA	4", Chrome, Two Wrist Blade Handle Bar Gooseneck Lavatory Faucet (Moen 8938)	265.65	40.12
22 42 39 00-0039	EA	Two Hole, Chrome, Single Handle Lavatory Faucet (Moen 8420)	314.71	40.12
22 42 39 00-0040	EA	Single Hole, Chrome, Single Handle Lavatory Faucet (Moen 8417)	416.76	40.12
22 42 39 00-0041	EA	8" Widespread, Chrome, Two Wrist Blade Handle Lavatory Gooseneck Lavatory Faucet With Drain Assembly (Moen 8246)	518.45	40.12
22 42 39 00-0042		**Bath And Shower Faucets** *(22 42 39)*		
22 42 39 00-0043		**Bath And Shower Faucets With Valve Body** *(22 42 39 00-0042)*		
22 42 39 00-0044	EA	Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	255.67	48.37
22 42 39 00-0045	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	300.06	48.37
22 42 39 00-0046	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	328.51	48.37
22 42 39 00-0047	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	236.33	48.37
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0048	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	247.71	48.37
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0049	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	280.71	48.37
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0050	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	318.27	48.37
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0051		**Shower Valves And Trim** *(22 42 39)*		
		See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0052	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	411.95	75.23
22 42 39 00-0053	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	932.85	75.23
22 42 39 00-0054	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	645.90	75.23
22 42 39 00-0055	EA	Senior Institutional Shower Head (Symmons® 4-150)	248.56	48.37
22 42 39 00-0056	EA	Universal Institutional Shower Head (Symmons® 4-151)	418.02	48.37
22 42 39 00-0057	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	293.17	48.37
22 42 39 00-0058	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	220.11	48.37
22 42 39 00-0059	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	934.56	72.44
22 42 39 00-0060	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	764.49	83.59
22 42 39 00-0061	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	1,011.80	83.59
22 42 39 00-0062	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	1,427.27	89.17
22 42 39 00-0063	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,296.61	75.23
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0064	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,543.57	75.23
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0065	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	1,047.65	75.23
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0066	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,586.99	75.23
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0067	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,703.25	75.23
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0068	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	3,151.30	75.23
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0069	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,751.43	75.23
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0070	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,375.80	75.23
22 42 39 00-0071	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	2,117.63	75.23
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0072	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,373.94	75.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0073	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,369.84	75.23
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0074	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	1,011.63	66.87
22 42 39 00-0075	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	782.67	48.37

22 42 39 00-0076 Service Sink Faucets *(22 42 39)*

22 42 39 00-0077	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	551.76	92.78
22 42 39 00-0078	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	393.11	92.78
22 42 39 00-0079	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	423.83	92.78
22 42 39 00-0080	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	439.77	92.78
22 42 39 00-0081	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	574.04	130.07
22 42 39 00-0082	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	642.87	148.24
22 42 39 00-0083	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	743.02	148.24
22 42 39 00-0084	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	436.41	92.78
22 42 39 00-0085	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	894.16	148.24
22 42 39 00-0086	EA	Wall Mounted Mixing Faucet With Integral Stop, Vacuum Breaker, And Wall Brass (Fiat 830-AA)	389.69	92.78
22 42 39 00-0087	EA	30" Long, 5/8" Rubber Hose And Stainless Steel Hose Bracket (Fiat 832-AA)	60.69	8.36
22 42 39 00-0088	EA	Stainless Steel Mop Hanger (Fiat 889-CC)	134.58	11.15
22 42 39 00-0089	EA	1/2" Diameter, Thermostatic Mixing Valve (Watts 1170-US/UT)	421.98	148.24

22 42 39 00-0090 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0091	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	223.87	39.45
22 42 39 00-0092	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	366.88	55.73
22 42 39 00-0093	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	476.40	55.73
22 42 39 00-0094	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	292.00	52.05
22 42 39 00-0095	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	396.60	74.23
22 42 39 00-0096	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	539.39	74.23
22 42 39 00-0097	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	431.70	55.73
22 42 39 00-0098	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	422.55	74.23
22 42 39 00-0099	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	277.08	42.84
22 42 39 00-0100	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	390.34	60.50
22 42 39 00-0101	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	299.85	60.50
22 42 39 00-0102	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP)	367.01	60.50
22 42 39 00-0103	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	94.43	37.22
22 42 39 00-0104	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	598.42	66.87
22 42 39 00-0105	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	770.93	66.87
22 42 39 00-0106	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	928.10	66.87
22 42 39 00-0107	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	820.17	66.87
22 42 39 00-0108	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	977.55	66.87
22 42 39 00-0109	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	164.02	36.78
22 42 39 00-0110	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	230.38	44.13
22 42 39 00-0111	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	230.38	44.13
22 42 39 00-0112	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	296.76	51.49
22 42 39 00-0113	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	363.14	58.85

22 42 39 00-0114 Laboratory Countertop Faucets *(22 42 39)*

Note: Includes final connection. Excludes rough-in.

22 42 39 00-0115	EA	6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L391)	229.85	30.26
22 42 39 00-0116	EA	6" Gooseneck Deck Mount Hot And Cold Valve Faucet (Fisher Hamilton 32L406)	313.49	30.26
22 42 39 00-0117	EA	Deionozed Water 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L512)	316.84	30.26
22 42 39 00-0118	EA	Turret Deck Mount Air Or Gas Valve (Fisher Hamilton 30L535)	104.79	18.15

22 42 39 00-0119 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

22 42 39 00-0120	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	934.92	41.80
22 42 39 00-0121	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	1,014.26	39.01
22 42 39 00-0122	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,310.33	41.80
22 42 39 00-0123	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,384.23	41.80
22 42 39 00-0124	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,684.21	27.86
22 42 39 00-0125	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	2,025.77	69.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0126	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,831.95	69.66
22 42 39 00-0127	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,926.00	69.66
22 42 39 00-0128	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	363.84	42.36
22 42 39 00-0129	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	402.31	42.36
22 42 39 00-0130	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	435.92	42.36
22 42 39 00-0131	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	1,992.43	27.86
22 42 39 00-0132		**Bubblers And Glass Fillers** *(22 42 39)*		
22 42 39 00-0133	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	396.86	39.45
22 42 39 00-0134	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	352.59	52.05
22 42 39 00-0135	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	391.41	39.45
22 42 39 00-0136	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	239.74	56.51
22 42 39 00-0137	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	464.75	42.84
22 42 39 00-0138	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	471.01	42.84
22 42 39 00-0139	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	391.91	42.84
22 42 39 00-0140		**Automatic Electronic Sensor Faucets** *(22 42 39)*		
22 42 39 00-0141	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	724.29	92.96
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0142	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	731.12	92.96
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0143	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	981.64	100.92
22 42 39 00-0144	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	1,023.88	92.96
22 42 39 00-0145	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,522.39	100.92
22 42 39 00-0146	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,907.18	100.92
22 42 39 00-0147	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,781.00	100.92
22 42 39 00-0148	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	1,241.99	92.96
22 42 39 00-0149	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	1,072.36	92.96
22 42 39 00-0150	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,133.21	92.96
22 42 39 00-0151	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	981.08	92.96
22 42 39 00-0152	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,133.21	92.96
22 42 39 00-0153	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	989.55	92.96
22 42 39 00-0154	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	989.55	92.96
22 42 39 00-0155	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	1,114.66	92.96
22 42 39 00-0156	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	944.74	92.96
22 42 39 00-0157	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	906.35	92.96
22 42 39 00-0158	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,487.95	92.96
22 42 39 00-0159	EA	Single Hole, Chrome, Sensor Operated, Battery Or A/C Powered Lavatory Faucet (Moen 8554AC)	1,045.43	92.51
22 42 39 00-0160	EA	Single Hole, Chrome, Sensor Operated, Battery Powered Gooseneck Faucet (Moen CA8303)	1,025.34	92.51
22 42 39 00-0161	EA	4", Chrome, Sensor Operated, Battery Powered Lavatory Faucet (Moen CA8301)	953.51	92.51
22 42 39 00-0162	EA	Single Hole, Chrome, Sensor Operated, Battery Powered Lavatory Faucet (Moen CA8302)	942.78	92.51
22 42 39 00-0163		**Singles** *(22 42 39)*		
22 42 39 00-0164	EA	Stainless Steel Single Deck Faucet With 6" Swivel/Rigid Gooseneck Spout And Lever Handles (Fisher 58130)	279.16	40.90
22 42 39 00-0165		**Supply Lines and Shut-off Valves** *(22 42 39)*		
22 42 39 00-0166	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036-0000LF)	49.26	11.70
22 42 39 00-0167	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037-0000LF)	49.26	11.70
22 42 39 00-0168	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558LF)	41.20	11.70
22 42 39 00-0169	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	38.68	12.86
22 42 39 00-0170	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	22.05	7.56
22 42 39 00-0171	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	22.42	7.56
22 42 39 00-0172		**Other Trim** *(22 42 39)*		
22 42 39 00-0173	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	20.56	6.05
22 42 39 00-0174	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	140.98	18.15
22 42 39 00-0175	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	55.58	15.13
22 42 39 00-0176	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	125.97	15.13
22 42 39 00-0177	EA	Deck Mount, Single Inlet Spout (Chicago Faucet 626-E3)	256.52	70.19
22 42 39 00-0178	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 786 ABCP)	655.94	70.19
22 42 39 00-0179	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	73.38	16.72
22 42 39 00-0180	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	93.04	16.72
22 42 39 00-0181	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	317.39	16.72
22 42 39 00-0182	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	359.31	16.72
22 42 39 00-0183	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	287.99	16.72
22 42 39 00-0184		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0185	EA	Removal And Reinstallation Of Faucet	96.81	

22 42 43 Flushometers *(22 42)*

22 42 43 00-0001 Water Closet Flush Valves *(22 42 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	265.67	38.01
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	257.57	38.01
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	253.47	38.01
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	404.07	38.01
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	501.88	38.01
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	861.63	38.01
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	762.01	38.01
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	803.27	38.01
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	730.82	38.01
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	347.52	38.01
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	711.11	38.01
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	293.35	38.01
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	465.69	38.01
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	350.24	33.44
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	430.92	33.44
22 42 43 00-0017	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan Royal Optima 110 Smooth)	611.79	38.01
22 42 43 00-0018	EA	Automatic Water Closet And Urinal Cleaning System	352.88	55.73
22 42 43 00-0019	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	723.60	38.01
22 42 43 00-0020	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	792.90	38.01
22 42 43 00-0021	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,033.61	38.01
22 42 43 00-0022	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,033.61	38.01
22 42 43 00-0023	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV)	255.98	38.01
22 42 43 00-0024	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	733.87	38.01
22 42 43 00-0025	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	707.79	38.01
22 42 43 00-0026	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	389.58	33.44
22 42 43 00-0027	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	116.30	5.76
22 42 43 00-0028	EA	Exposed Battery Powered Water Closet Flush Valve (Moen 8310DF16)	560.55	37.90
22 42 43 00-0029	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	781.58	38.01
22 42 43 00-0030	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	274.97	38.01
22 42 43 00-0031	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	598.05	38.01

22 42 43 00-0032 Urinal Flush Valves *(22 42 43)*

22 42 43 00-0033	EA	3/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	203.51	38.01
22 42 43 00-0034	EA	1-1/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	495.89	38.01
22 42 43 00-0035	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	341.42	38.01
22 42 43 00-0036	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	523.74	38.01
22 42 43 00-0037	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	697.10	38.01
22 42 43 00-0038	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	935.71	38.01
22 42 43 00-0039	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,049.42	38.01
22 42 43 00-0040	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	669.97	38.01
22 42 43 00-0041	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	827.55	38.01
22 42 43 00-0042	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt 8180) Note: 1.0, 1.5 or 3.5 GPF.	669.97	38.01
22 42 43 00-0043	EA	3/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV) Note: 0.5, 1.0 or 1.5 GPF.	270.48	38.01
22 42 43 00-0044	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	695.07	38.01
22 42 43 00-0045	EA	3/4" Diameter Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF) Note: 0.125 GPF.	255.98	38.01
22 42 43 00-0046	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	587.06	38.01
22 42 43 00-0047	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	733.87	38.01
22 42 43 00-0048	EA	Foot Operated Flush Valve Note: Can be used for water closets.	731.92	38.01
22 42 43 00-0049	EA	Exposed Battery Powered Urinal Flush Valve (Moen 8316)	516.29	38.01
22 42 43 00-0050	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Moen 8312M05)	225.14	38.01

22 42 43 00-0051 Removal And Reinstallation Of Fixtures And Trim *(22 42 43)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 43 00-0052	EA	Removal And Reinstallation Of Flush Valve	151.27	

22 42 43 00-0053 Plumbing Control Transformers *(22 42 43)*

22 42 43 00-0054	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	62.30	

22 42 46 Chemical Toilets *(22 42)*

Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 46 00-0001		Standard Chemical Toilets *(22 42 46)*		
22 42 46 00-0002		Small Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,630.58	1,114.55
		For Extra Urinal, Add	*150.98*	
22 42 46 00-0004		Medium Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	5,502.74	1,327.42
		For Extra Urinal, Add	*178.76*	
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,638.67	1,505.76
		For Extra Urinal, Add	*242.60*	
22 43		**Healthcare Plumbing Fixtures** *(22 40)*		
22 43 13		**Healthcare Water Closets** *(22 43)*		
22 43 13 00-0001		Healthcare Water Closets *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	826.90	115.92
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	670.14	115.92
22 43 13 00-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Huron)	823.63	115.92
22 43 13 00-0005	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Afwall ADA)	1,218.79	142.66
22 43 16		**Healthcare Sinks** *(22 43)*		
22 43 16 00-0001		Healthcare Sinks *(22 43 16)*		
		Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,173.15	74.67
		For Stainless Steel Rim Guards (Three Sides), Add	*106.51*	
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,275.53	214.55
		For Stainless Steel Rim Guards (Three Sides), Add	*106.51*	
		For Pedestal Base, Add	*488.36*	
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,126.26	74.67
		For Painted Bracket Supports, Add	*174.42*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	985.58	74.67
22 43 16 00-0006		Surgical Scrub Sinks *(22 43 16)*		
22 43 16 00-0007	EA	25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR) Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	5,426.10	167.19
22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	8,321.20	222.91
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	8,321.20	222.91
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,984.32	278.64
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,984.32	278.64
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	14,343.35	334.36
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	14,343.35	334.36
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846)	573.14	83.59
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851)	607.46	89.17
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852)	665.01	94.74
22 43 16 00-0017	EA	60" Wide x 23" Deep x 38-1/4" High, 2.2 GPM, Laminar Flow Spray Head, Chrome Color Finish, Wall Mounted, Stainless Steel Scrub Sink (Sloan ESS-2100-C)	13,230.93	111.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 43 23 Healthcare Showers *(22 43)*

22 43 23 00-0001 Gel-Coated Fiberglass Showers *(22 43 23)*

22 43 23 00-0002	EA	62" x 34" x 80" ADA/Special Needs, Gel Coat Fiberglass Barrier Free Shower Enclosure (Florestone 35-62H) Note: Includes stainless steel curtain rod, Symmons® pressure balance mixing valve with concealed check stops, Moen® hand-held shower head with hose and stainless steel slide bar/grab bar, stainless steel corner grab bar, stainless steel recessed soap dish, white naugahyde folding wheelchair transfer seat, and 2" brass drain.	3,180.76	222.91
22 43 23 00-0003	EA	Three Piece 62" x 34" x 80" ADA/Special Needs, Gel Coat Fiberglass Barrier Free Shower Enclosure (Florestone 35-62H) Note: Includes stainless steel curtain rod, Symmons® pressure balance mixing valve with concealed check stops, Moen® hand-held shower head with hose and stainless steel slide bar/grab bar, stainless steel corner grab bar, stainless steel recessed soap dish, white naugahyde folding wheelchair transfer seat, and 2" brass drain.	3,308.53	200.62

22 43 39 Healthcare Faucets *(22 43)*

22 43 39 00-0001 Medical Faucet Spouts *(22 43 39)*

22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	101.35	16.72

22 43 39 00-0003 Electronic Proximity Medical Faucets *(22 43 39)*

22 43 39 00-0004	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	573.05	81.81
		For Hard Wired AC Powered, Add	*24.26*	

22 43 39 00-0005 Foot And Knee Faucet Controls *(22 43 39)*

22 43 39 00-0006	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	446.70	148.68
22 43 39 00-0007	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	525.23	148.68
22 43 39 00-0008	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	1,130.52	148.68
22 43 39 00-0009	EA	Double Knee Actuated Metering Mixing Valve (American Standard 7676)	672.67	148.68

22 43 39 00-0010 Centerset Medical Faucets *(22 43 39)*

22 43 39 00-0011	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	616.97	81.81
22 43 39 00-0012	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	624.08	81.81
22 43 39 00-0013	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	623.36	81.81
22 43 39 00-0014	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	555.80	81.81
22 43 39 00-0015	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	531.61	81.81

22 43 39 00-0016 Bedpan Washers *(22 43 39)*

22 43 39 00-0017	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	1,468.78	148.68
22 43 39 00-0018	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,394.31	148.68
22 43 39 00-0019	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	1,372.25	148.68
22 43 39 00-0020	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,350.80	148.68

22 43 43 Healthcare Plumbing Fixture Flushometers *(22 43)*

22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers *(22 43 43)*

22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	231.63	38.01
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	505.27	38.01

22 43 46 Healthcare Patient Care Units *(22 43)*

22 43 46 00-0001 Patient Care Units *(22 43 46)*

22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	20,391.04	222.91
		For SDB Single Temperature Dialysis Box, Add	*1,493.89*	
		For DDB Dual Temperature Dialysis Box, Add	*1,586.67*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,150.74*	
		For LOCK Flush Valve Lockout Device, Add	*842.05*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	16,062.37	195.05
		For SDB Single Temperature Dialysis Box, Add	*1,493.89*	
		For DDB Dual Temperature Dialysis Box, Add	*1,586.67*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,150.74*	
		For LOCK Flush Valve Lockout Device, Add	*842.05*	

22 43 46 00-0004 Patient Care Plumbing Accessories *(22 43 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,945.07	30.26
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	2,143.17	30.26

22 45 Emergency Plumbing Fixtures *(22 40)*

22 45 13 Emergency Showers *(22 45)*

22 45 13 00-0001 Emergency Drench Showers *(22 45 13)*

22 45 13 00-0002 Emergency Drench Showers (Haws) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	750.16	195.05
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	861.91	195.05
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	923.99	195.05
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,110.23	195.05
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,495.14	195.05
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,178.38	222.91
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,289.98	250.77
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,172.03	250.77
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,196.86	250.77
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,662.47	250.77

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	649.14	195.05
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	668.49	195.05
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	1,048.84	222.91

22 45 13 00-0017 Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0018	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	951.07	195.05
22 45 13 00-0019	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	975.60	195.05
22 45 13 00-0020	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	2,176.97	195.05
22 45 13 00-0021	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	1,533.01	250.77
22 45 13 00-0022	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	2,088.07	250.77

22 45 13 00-0023 Emergency Drench Showers (Guardian) *(22 45 13 00-0001)*

22 45 13 00-0024	EA	11-3/4" Bowl Diameter, 20 GPM, 2 Spray Heads, Height Impact Plastic, Flip Top Dust Covers, Pull Handle Activator, Emergency Wash Station Drench Shower (Guardian G1902P)	1,240.85	222.91

22 45 13 00-0025 Emergency Drench Showers (Hughes) *(22 45 13 00-0001)*

22 45 13 00-0026	EA	41-5/16" Length x 40-13/16" Width x 94-13/16" Height, Covered ABS Eye/Face Wash, Emergency Cubicle Shower (Hughes SD32K45G)	10,289.68	222.91
22 45 13 00-0027	EA	30-13/16" Length x 19-13/16" Width x 103" Height, Floor Mounted, Closed ABS Bowl, Galvanized Pipe, Top Inlet, Floor Mounted, Emergency Shower Station (Hughes 18G45GT)	1,682.33	222.91

22 45 16 Eyewash Equipment *(22 45)*

22 45 16 00-0001 Emergency Eyewash Equipment *(22 45 16)*

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*

22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	333.97	5.57
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,563.14	250.77

22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*

22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	995.41	55.73
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	995.41	55.73
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	1,014.00	55.73
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	1,014.00	55.73
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	1,355.23	55.73
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	1,547.47	55.73
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	1,547.47	55.73
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	2,888.20	55.73
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	2,888.20	55.73
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	3,023.46	55.73
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	3,023.46	55.73
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	3,735.25	55.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	3,735.25	55.73
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	1,792.67	195.05
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	1,766.44	195.05
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	1,249.32	195.05
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	1,794.66	195.05
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	1,054.62	195.05
22 45 16 00-0024		Emergency Eyewash Equipment (Fendall) *(22 45 16 00-0001)*		
22 45 16 00-0025	EA	7 Gallon Capacity, 15-minute Constant Flow, Plastic, Mounted Eyewash Station (Fendall H-3838) Note: Includes emergency sign, installation DVD, mounting bracket and tamper seal	692.28	60.50
22 45 16 00-0026		Emergency Eyewash Equipment (Porta Stream) *(22 45 16 00-0001)*		
22 45 16 00-0027	EA	26" Height x 20" Width x 20" Depth, 16 Gallon Capacity, Eyewash Station (Porta Stream II H-1142)	513.49	40.30
22 45 16 00-0028		Emergency Eyewash Equipment (Pure Flow) *(22 45 16 00-0001)*		
22 45 16 00-0029	EA	30" Height x 29" Width x 23" Depth, 0.4 GPM Constant Flow, 7 Gallon Capacity, Eyewash Station (Pure Flow 1000 H-1297)	665.07	60.50
22 45 16 00-0030		Emergency Eyewash Equipment (U-Line) *(22 45 16 00-0001)*		
22 45 16 00-0031	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Plastic, Mounted Eyewash Station (U-Line H-5457) Note: Includes emergency sign and inspection tag	742.47	242.02
22 45 16 00-0032	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Stainless Steel, Mounted Eyewash Station (U-Line H-5795) Note: Includes emergency sign and inspection tag	836.45	242.02
22 45 16 00-0033	EA	20" Height x 11" Width x 14" Depth, 3-minute Constant Flow, 1 Gallon Capacity, Pull Strap Activation, Wall Mounted Or Tabletop Use Flash Flood Eyewash Station (U-Line H-7917)	264.95	40.30
22 45 16 00-0034	EA	1" Head Diameter, Single Faucet With Easy Pull-knob, Faucet Mounted Eyewash Station (U-Line H-5100)	149.11	20.21
22 45 23		**Personal Eyewash Equipment** *(22 45)*		
22 45 23 00-0001		Portable Eyewash Equipment *(22 45 23)*		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*		
22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921)	342.31	16.72
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H)	1,806.41	16.72
22 45 23 00-0005	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671)	825.25	
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672)	984.45	
22 45 26		**Eye/Face Wash Equipment** *(22 45)*		
22 45 26 00-0001		Emergency Eye/Face Wash Equipment *(22 45 26)*		
22 45 26 00-0002		Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	818.75	139.31
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	818.45	195.05
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	799.83	195.05
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) Note: Excludes p-trap and tailpiece.	873.08	195.05
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) Note: Excludes p-trap and tailpiece.	880.53	195.05
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) Note: Excludes p-trap and tailpiece.	968.69	195.05
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,321.31	195.05
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,500.85	195.05
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	1,004.55	222.91
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	1,147.34	222.91
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,587.62	222.91
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	688.81	55.73
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	663.97	55.73
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	695.01	55.73
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	875.05	55.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	2,121.72	278.64
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,575.21	222.91
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,643.20	278.64
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	3,109.11	222.91
22 45 26 00-0022		Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*		
22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	729.76	195.05
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	894.06	222.91
22 45 26 00-0025		Emergency Eye/Face Wash Equipment (WaterSaver) *(22 45 26 00-0001)*		
22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	1,591.54	195.05
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	2,136.88	195.05
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	2,067.55	195.05
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,902.12	195.05
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	1,049.53	55.73
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	1,049.53	55.73
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	1,017.26	55.73
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	1,017.26	55.73
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	1,571.72	55.73
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	1,571.72	55.73
22 45 26 00-0036		Emergency Eye/Face Wash Equipment (Guardian) *(22 45 26 00-0001)*		
		Note: Includes one pull rod.		
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	5,735.51	195.05
22 45 29		**Hand-Held Emergency Drench Hoses** ***(22 45)***		
22 45 29 00-0001		Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*		
22 45 29 00-0002		Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*		
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	735.29	69.66
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	847.04	69.66
22 45 29 00-0005		Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*		
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	789.67	69.66
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	724.91	69.66
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	1,105.97	69.66
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	1,033.90	69.66
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	1,059.71	69.66
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	1,399.52	69.66
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	1,625.53	69.66
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	1,548.89	69.66
22 45 33		**Combination Emergency Fixture Units** ***(22 45)***		
22 45 33 00-0001		Emergency Shower With Eye/Face Wash *(22 45 33)*		
22 45 33 00-0002		Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*		
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	4,356.21	362.22
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP)	2,940.76	362.22
		Note: Includes freeze protection bury valve.		
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	2,040.58	362.22
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	3,263.58	362.22
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,388.24	362.22
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	2,245.45	362.22
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,916.42	362.22
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	3,151.84	362.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	3,456.04	362.22
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,524.32	362.22
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,940.27	362.22
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	4,182.39	362.22
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	4,114.10	362.22
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	6,162.78	362.22
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	6,498.02	362.22
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	13,761.52	362.22
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,916.42	362.22
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	2,170.95	362.22
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,770.22	362.22
22 45 33 00-0023	EA	3.18 GPM, 1-1/4" IPS Galvanized Steel Piping, Durajade Powder-Coat, Yellow Bowl Color, ADA compliant, Push-handle Activated, Pull-rod Shower, Brass Fittings, Floor Mounted, Combination Emergency Station (Speakman SE-697)	1,181.54	222.91
22 45 33 00-0024		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*		
22 45 33 00-0025	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	7,358.64	302.52
22 45 33 00-0026	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	7,523.00	302.52
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	2,891.14	302.52
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	2,635.45	302.52
22 45 33 00-0029	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	3,436.48	302.52
22 45 33 00-0030		Emergency Shower With Eye/Face Wash (Guardian) *(22 45 33 00-0001)*		
22 45 33 00-0031	EA	Emergency Eye Wash Station With Plastic Bowl And Shower Head (Guardian H-5101)	1,380.51	242.02
22 45 33 00-0032	EA	Emergency Eye Wash Station With Stainless Steel Bowl And Shower Head (Guardian H-6618)	2,771.58	242.02
22 45 33 00-0033	EA	Emergency Eye Wash Station With Plastic Bowl And Shower Head (U-Line H-6697)	1,164.12	242.02
22 45 33 00-0034		Emergency Shower With Eye/Face Wash (Hughes) *(22 45 33 00-0001)*		
22 45 33 00-0035	EA	120 Volt, 35-13/64" Length x 14-45/64" Width x 104-1/2" Height, Freeze Protected, ABS Bowl, Floor Mounted, Emergency Shower Station (Hughes H5G45G-1H)	3,755.96	222.91
22 45 33 00-0036	EA	29-1/2" Length x 12-13/32" Width x 103" Height, Open ABS Bowl, Galvanized Pipe, Floor Mounted, Emergency Combination Shower (Hughes 18G75G)	1,426.37	222.91
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*		
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Diameter Inlet, 1/2" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	778.75	69.66
22 45 36 00-0004	EA	12 GPM, 1/2" Diameter Inlet, 3/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,145.03	69.66
22 45 36 00-0005	EA	31 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,685.13	69.66
22 45 36 00-0006	EA	78 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,989.33	69.66
22 45 36 00-0007	EA	31 GPM, 1" Diameter Inlet, 1-1/4" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,821.22	69.66
22 45 36 00-0008	EA	12 GPM, 1/2" Diameter Inlet, 3/4" Diameter Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,976.42	69.66
22 45 36 00-0009	EA	74 GPM, 1-1/4" Diameter Inlet, 1-1/4" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	5,006.48	69.66
22 45 36 00-0010	EA	78 GPM, 2" Diameter Inlet, 2" Diameter Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	6,018.40	69.66
22 45 36 00-0011	EA	1/2" Diameter Inlet, 1/2" Diameter Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	871.87	69.66
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*		
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 39 00-0002		**Emergency Plumbing Fixture Accessories (Haws)** *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	199.78	22.29
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	280.49	22.29
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	292.90	22.29
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	327.13	8.36
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	333.97	5.57
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	363.74	11.15
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	632.80	83.59
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	652.71	34.58
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	975.54	34.58
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,145.03	83.59
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	2,186.12	34.58
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,403.34	115.25
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,453.01	115.25
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,576.19	115.25
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	8,735.63	115.25
22 45 39 00-0018		**Emergency Plumbing Fixture Accessories (Speakman)** *(22 45 39 00-0001)*		
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,147.57	83.59
22 45 39 00-0020		**Emergency Plumbing Fixture Accessories (WaterSaver)** *(22 45 39 00-0001)*		
22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	209.36	18.15
22 45 39 00-0022		**Emergency Plumbing Fixture Accessories (U-Liner)** *(22 45 39 00-0001)*		
22 45 39 00-0023	EA	58" Height x 29" Width x 20" Depth, Portable Eyewash Stand (U-Line H-5193) Note: Includes eyewash station bolts to stand	177.40	15.13
22 45 39 00-0024	EA	12" Height x 18" Width, Aluminum, Corrosion Resistant With Engineer-grade Reflective Surface, Eyewash Sign (U-Line S-17343A)	67.36	15.13
22 45 39 00-0025	EA	7" Height x 10" Width, 0.055" Thick HDPE, Plastic, Eyewash Sign (U-Line S-17343P) Note: Includes pre-drilled mounting holes and 4 strips of double-sided mounting tape	40.38	9.69
22 45 39 00-0026	EA	7" Height x 10" Width,Vinyl, Eyewash Sign (U-Line S-17343V) Note: Includes 4 mil flexible vinyl with adhesive backing	31.73	9.69

22 46 Security Plumbing Fixtures *(22 40)*

22 46 13 Security Water Closets and Urinals *(22 46)*

22 46 13 13 Security Water Closets *(22 46 13)*

22 46 13 13-0001		**Security Water Closets** *(22 46 13 13)*		
22 46 13 13-0002	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675)	2,444.01	278.64
		For Angled Toilet, Add	*27.86*	
		For Offset Toilet, Add	*216.54*	
22 46 13 13-0003	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684)	2,930.01	278.64
		For Angled Toilet, Add	*27.86*	
		For Offset Toilet, Add	*265.14*	
22 46 13 13-0004	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695)	2,972.59	278.64
		For Angled Toilet, Add	*27.86*	
		For Offset Toilet, Add	*269.40*	
22 46 13 13-0005	EA	Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840)	286.10	55.73
22 46 13 13-0006	EA	Penal-Ware® Blowout Jet Water Closet, Integral Seat, Back Supply, Floor Mount, Wall Outlet, Stainless Steel (Acorn LR1685-W-2FVBO TLT)	1,082.07	278.64
22 46 13 13-0007	EA	Ligature Resistant, Stainless Steel, Floor Mount, Wall Outlet, Siphon Jet Toilet - ADA (Whitehall BestCare® WH2142-ADA-T-EGE10)	2,272.62	278.64
22 46 13 13-0008		**Replacement Blowout Toilets** *(22 46 13 13)*		
22 46 13 13-0009	EA	Wall Mount Toilet For Replacement, Stainless Steel (Acorn 3330/3331)	2,840.85	234.06
22 46 13 13-0010	EA	Floor Mounted Toilet For Replacement, Stainless Steel (Acorn 3334/3335)	3,392.65	222.91

22 46 13 16 Security Urinals *(22 46 13)*

22 46 13 16-0001		**Security Urinals** *(22 46 13 16)*		
22 46 13 16-0002	EA	Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700)	2,855.20	250.77
22 46 13 16-0003	EA	Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720)	4,813.53	356.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 13 16-0004		Replacement Urinals *(22 46 13 16)*		
22 46 13 16-0005	EA	Wall Mounted Straddle Urinal For Replacement, Stainless Steel (Acorn 3349)	3,975.42	278.64
22 46 13 19		**Security Combination Toilet and Lavatory** *(22 46 13)*		
22 46 13 19-0001		Security Combination Toilet - Lavatory *(22 46 13 19)*		
22 46 13 19-0002	EA	15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415)	4,358.78	345.51
		For Angled Toilet, Add	*34.55*	
		For Offset Toilet, Add	*401.33*	
		For 15" Mirror/Shelf Module, Add	*895.51*	
		For AC Duplex Outlet Option, Add	*99.10*	
		For Intercom Option, Add	*144.10*	
		For 15" Wide Light/Ventilation Module, Add	*842.31*	
22 46 13 19-0003	EA	18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418)	4,493.53	362.22
		For Angled Toilet, Add	*36.22*	
		For Offset Toilet, Add	*413.13*	
		For 18" Mirror/Shelf Module, Add	*937.23*	
		For AC Duplex Outlet Option, Add	*102.45*	
		For Intercom Option, Add	*147.45*	
		For 18" Wide Light/Ventilation Module, Add	*867.34*	
22 46 13 19-0004	EA	20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420)	4,597.44	378.95
		For Angled Toilet, Add	*37.89*	
		For Offset Toilet, Add	*421.85*	
		For 20" Mirror/Shelf Module, Add	*988.95*	
		For AC Duplex Outlet Option, Add	*105.79*	
		For Intercom Option, Add	*150.79*	
		For 20" Wide Light/Ventilation Module, Add	*902.37*	
22 46 13 19-0005	EA	26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426)	4,915.71	395.67
		For Angled Toilet, Add	*39.57*	
		For Offset Toilet, Add	*452.01*	
		For 26" Mirror/Shelf Module, Add	*1,030.66*	
		For AC Duplex Outlet Option, Add	*109.13*	
		For Intercom Option, Add	*154.13*	
		For 26" Wide Light/Ventilation Module, Add	*932.40*	
22 46 13 19-0006	EA	28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428)	7,822.57	412.38
		For Angled Toilet, Add	*41.24*	
		For Offset Toilet, Add	*741.02*	
		For 28" Mirror/Shelf Module, Add	*1,067.38*	
		For AC Duplex Outlet Option, Add	*112.48*	
		For Intercom Option, Add	*157.48*	
		For 28" Wide Light/Ventilation Module, Add	*962.43*	
22 46 13 19-0007		Replacement Combination Units *(22 46 13 19)*		
		Note: Includes hot and cold valve, bubbler, flush valve, paper holder, and mounting hardware.		
22 46 13 19-0008	EA	18" Lav-Toilet Comby Replacement Unit, Stainless Steel (Acorn 3318)	4,895.30	339.94
		For Auto Reset Flood-Trol, FTA, Add	*230.00*	
		For PWT Electronic FV And H And C, Add	*248.00*	
22 46 13 19-0009	EA	Angled ADA Lav-Toilet Comby Unit, Stainless Steel (Acorn 1432)	6,469.29	339.94
		For Auto Reset Flood-Trol, FTA, Add	*230.00*	
		For PWT Electronic FV And H And C, Add	*248.00*	
22 46 13 19-0010	EA	Flat Wall ADA Lav-Toilet Comby Unit, Stainless Steel (Acorn 1435)	8,504.32	339.94
		For Auto Reset Flood-Trol, FTA, Add	*230.00*	
		For PWT Electronic FV And H And C, Add	*248.00*	
22 46 16		**Security Lavatories and Sinks** *(22 46)*		
22 46 16 13		**Security Lavatories** *(22 46 16)*		
22 46 16 13-0001		Security Lavatories *(22 46 16 13)*		
22 46 16 13-0002	EA	20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650)	1,758.92	195.05
		For Shelf, Add	*93.51*	
22 46 16 13-0003	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655)	1,787.11	195.05
		For Shelf, Add	*93.51*	
22 46 16 13-0004	EA	13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660)	2,025.16	195.05
		For Shelf, Add	*93.51*	
22 46 16 13-0005	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656)	1,787.11	195.05
		For Shelf, Add	*93.51*	
22 46 16 13-0006	EA	Penal-Ware® 18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn M-1652-E530-1 Multi -Lav)	3,178.42	195.05
22 46 16 13-0007	EA	Ligature Resistant Corterra®, Wall, Bathroom Sink, With Faucet, Bowl Size 14-1/2" x 12-1/2" (Whitehall BestCare® WH3775-WH3375L-SO)	2,588.01	278.64
22 46 16 13-0008	EA	Ligature Resistant Corterra®, Wall, Bathroom Sink, Without Faucet, Bowl Size 14-1/2" x 12-1/2" (Whitehall WH3775–09)	2,227.20	278.64
22 46 16 13-0009	EA	Ligature Resistant Sensor Activated Spout with Electronic Valve, Single Temperature (Whitehall BestCare® WH3375L-SO)	967.53	40.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 16 13-0010		Replacement Lavatories *(22 46 16 13)* Note: Includes hot and cold valve, bubbler, and mounting hardware.		
22 46 16 13-0011	EA	15" Lavatory For Replacement, Stainless Steel (Acorn 3325)	1,649.94	167.19
		For PWT Electronic H And C valve, Add	*150.00*	
22 46 16 13-0012	EA	18" Lavatory For Replacement, Stainless Steel (Acorn 3326)	1,765.83	167.19
		For PWT Electronic H And C valve, Add	*150.00*	
22 46 16 13-0013	EA	18" ADA Front Access Lavatory , Stainless Steel (Acorn 1652-ADA-BP-4M-FA)	1,893.67	167.19
		For PWT Electronic H And C valve, Add	*150.00*	
22 46 16 16		**Security Sinks** *(22 46 16)*		
22 46 16 16-0001		Security Sinks *(22 46 16 16)*		
22 46 16 16-0002	EA	22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642)	3,729.57	297.03
22 46 16 16-0003		Security Mop Sink *(22 46 16 16)*		
22 46 16 16-0004	EA	24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630)	4,223.36	167.19
22 46 19		**Security Showers** *(22 46)*		
22 46 19 00-0001		Security Showers *(22 46 19)*		
22 46 19 00-0002	EA	30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD)	9,582.23	445.82
22 46 19 00-0003	EA	32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD)	9,922.87	445.82
22 46 19 00-0004	EA	36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD)	10,273.45	445.82
22 46 19 00-0005	EA	36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA)	13,018.44	445.82
22 46 19 00-0006	EA	Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741)	669.96	148.79
22 46 19 00-0007	EA	Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743)	473.97	78.02
22 46 19 00-0008	EA	Ligature Resistant ADA Compliant Flush-Mounted Stainless Steel Security Shower With Temperature/Pressure Mixing Valve, Dual Showerhead (Acorn MLR1748 LIG/RES SHWR)	950.08	78.02
22 46 19 00-0009		Wall Mounted Security Shower *(22 46 19)* Note: Includes single temp air control valve, and mounting hardware.		
22 46 19 00-0010	EA	Wall Mounted Security Shower, Stainless Steel (Acorn 452)	990.57	117.03
		For PWT Electronic FV, Add	*148.00*	
22 46 19 00-0011	EA	Wall Mounted ADA Security Shower, Stainless Steel (Acorn 452 ADA)	1,187.85	117.03
		For PWT Electronic FV, Add	*148.00*	
22 46 43		**Security Plumbing Fixture Flushometers** *(22 46)*		
22 46 43 00-0001	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM) Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM).	792.73	38.01
22 46 43 00-0002	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM) Note: Solenoid operated with module plug 24V (ESM).	791.81	38.01
22 46 43 00-0003	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM) Note: Solenoid operated with module plug 24V (ESM).	765.00	38.01
22 46 56		**Security Drinking Fountains** *(22 46)*		
22 46 56 00-0001		Security Drinking Fountain *(22 46 56)* Note: Includes air control valve, bubbler with mouthguard and mounting bracket.		
22 46 56 00-0002	EA	Wall Mounted Security Drinking Fountain, Stainless Steel (Acorn 1670-1-BP-3-FA)	1,989.16	222.91
22 46 56 00-0003	EA	Wall Mounted Security ADA Drinking Fountain, Stainless Steel (Acorn 1672-1-ADA-BP-3-FA)	2,002.76	222.91
22 47		**Drinking Fountains and Water Coolers** *(22 40)*		
22 47 13		**Drinking Fountains** *(22 47)*		
22 47 13 00-0001		Drinking Fountain Accessories *(22 47 13)*		
22 47 13 00-0002		Drinking Fountain Grab Bars *(22 47 13 00-0001)* Note: Includes satin finish and concealed mounting with snap flange.		
22 47 13 00-0003	EA	18" x 33", Wall And Floor Mounted, 1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bar	338.77	23.08
		For Peened Grip, Add	*26.33*	
22 47 13 00-0004	EA	18" x 33", Wall And Floor Mounted, 1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bar	365.11	23.08
		For Peened Grip, Add	*28.71*	
22 47 13 00-0005		Indoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0006		Face Mounted Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	2,495.53	181.11
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	3,681.08	195.05
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	3,327.69	181.11
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	3,980.78	195.05

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22 47 13 00-0011	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,631.94	181.11
22 47 13 00-0012	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,966.03	195.05
22 47 13 00-0013	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,862.16	181.11
22 47 13 00-0014	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	2,277.21	195.05

22 47 13 00-0015 Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0005)*

22 47 13 00-0016	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,674.25	195.05
22 47 13 00-0017	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	2,638.57	195.05
22 47 13 00-0018	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	3,342.14	250.77
22 47 13 00-0019	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,582.38	250.77
22 47 13 00-0020	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	3,080.66	250.77
22 47 13 00-0021	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,804.16	250.77
22 47 13 00-0022	EA	White Vitreous China Wall-Mounted Indoor Drinking Fountain (Haws 1201)	1,377.47	195.05
22 47 13 00-0023	EA	White Enameled Iron Wall-Mounted Indoor Drinking Fountain (Haws 1311 And 6700)	2,650.22	195.05
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,160.33	195.05
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	3,052.82	195.05
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	2,921.42	195.05
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	2,801.96	195.05
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,551.09	195.05
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,443.58	195.05
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,324.12	195.05
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,324.12	195.05
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,216.61	195.05
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,216.61	195.05
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,168.83	195.05
22 47 13 00-0035	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,168.83	195.05
22 47 13 00-0036	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	2,061.31	195.05
22 47 13 00-0037	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	2,001.59	195.05
22 47 13 00-0038	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,917.96	195.05
22 47 13 00-0039	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,882.13	195.05
22 47 13 00-0040	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,762.67	195.05
22 47 13 00-0041	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	2,001.59	195.05
22 47 13 00-0042	EA	Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,762.67	195.05
22 47 13 00-0043	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,867.96	195.05
22 47 13 00-0044	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,870.18	195.05
22 47 13 00-0045	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,543.71	139.31
22 47 13 00-0046	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,161.44	139.31

22 47 13 00-0047 Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0005)*

22 47 13 00-0048	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	2,284.80	208.98
22 47 13 00-0049	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	5,063.41	208.98

22 47 13 00-0050 Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0005)*

22 47 13 00-0051	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	2,444.30	222.91
22 47 13 00-0052	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	4,576.01	222.91
22 47 13 00-0053	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2401)	2,998.09	222.91
22 47 13 00-0054	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2406)	6,943.68	222.91
22 47 13 00-0055	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler (Haws 2403)	4,683.55	222.91

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22 47 13 00-0056		Countertop Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0057	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	983.32	139.31
22 47 13 00-0058	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	943.19	139.31
22 47 13 00-0059	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	1,163.11	139.31
22 47 13 00-0060		Bowl And Bracket Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0061	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	816.38	139.31
22 47 13 00-0062	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	1,002.80	139.31
22 47 13 00-0063		Multi-Station Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0064	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	4,760.60	222.91
22 47 13 00-0065	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	6,025.44	222.91
22 47 13 00-0066	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	4,534.10	222.91
22 47 13 00-0067	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	3,800.69	222.91
22 47 13 00-0068	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	4,824.81	222.91
22 47 13 00-0069	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	4,141.53	284.35
22 47 13 00-0070	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,580.38	222.91
22 47 13 00-0071	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,481.45	222.91
22 47 13 00-0072	EA	White Enameled Iron, Dual Height, Drinking Fountain (Haws 1501 with 6715)	4,633.83	284.35
22 47 13 00-0073	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1431)	3,949.01	222.91
22 47 13 00-0074	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1501)	4,027.03	222.91
22 47 13 00-0075		Outdoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0076		Face Mounted Outdoor Drinking Fountains *(22 47 13 00-0075)*		
22 47 13 00-0077	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	2,114.97	222.91
22 47 13 00-0078	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	2,332.94	222.91
22 47 13 00-0079	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	2,238.30	222.91
22 47 13 00-0080	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	3,353.93	222.91
22 47 13 00-0081		Free Standing Outdoor Drinking Fountains *(22 47 13 00-0075)*		
22 47 13 00-0082	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	4,160.62	208.98
22 47 13 00-0083	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	5,900.04	208.98
22 47 13 00-0084	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	4,154.84	208.98
22 47 13 00-0085	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	5,788.94	208.98
22 47 13 00-0086	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	6,241.97	222.91
22 47 13 00-0087	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	6,358.12	222.91
22 47 13 00-0088	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	2,279.24	208.98
22 47 13 00-0089	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	4,034.43	208.98
22 47 13 00-0090	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	5,773.85	208.98
22 47 13 00-0091	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	6,811.26	222.91
22 47 13 00-0092	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	9,619.00	222.91
22 47 13 00-0093	EA	Hi-Lo Pedestal Style Drinking Fountain (Haws Model 3500)	7,367.45	222.91
22 47 13 00-0094	EA	Pedestal Outdoor Drinking Fountain, Triple (Haws 3502)	9,634.00	222.91
22 47 13 00-0095		Wall Mounted Outdoor Drinking Fountains *(22 47 13 00-0075)*		
22 47 13 00-0096	EA	Stainless Steel, Single Wall Mounted Drinking Fountain (Haws 1105)	2,196.80	208.98
22 47 13 00-0097	EA	Stainless Steel, Single Low Profile Wall Mounted Drinking Fountain (Haws 1107L)	2,631.42	208.98
22 47 13 00-0098	EA	Stainless Steel, Single Wall Mounted Drinking Fountain (Haws 1109)	2,440.37	208.98
22 47 13 00-0099	EA	White Polymarble Barrier-Free Single Drinking Fountain (Haws 1075)	2,626.85	208.98
22 47 13 00-0100	EA	Vitreous China Single Drinking Fountain (Haws 1201)	2,144.37	208.98
22 47 13 00-0101		Multi-Station Outdoor Drinking Fountains *(22 47 13 00-0075)*		
22 47 13 00-0102	EA	Stainless Steel, Hi/Lo Wall Mounted Drinking Fountain (Haws 1119)	3,906.64	222.91
22 47 13 00-0103	EA	Stainless Steel, 3 Position Adjustable Hi/Lo Wall Mounted Drinking Fountain (Haws 1117L)	4,758.88	222.91
22 47 13 00-0104	EA	White Polymarble Barrier-Free Two Bowl (Hi-Lo) Drinking Fountain (Haws 1085)	5,595.18	222.91
22 47 13 00-0105	EA	White Cast Aluminum Three Station Outdoor Drinking Fountains With Bubblers (Haws 1408)	4,630.58	222.91
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		Indoor Water Coolers *(22 47 16)*		
22 47 16 00-0002		Face Mounted Indoor Water Coolers *(22 47 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	4,783.61	222.91
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	5,117.73	222.91
22 47 16 00-0005		**Wall Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	2,195.28	222.91
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	2,281.32	222.91
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	2,550.90	222.91
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	2,654.15	222.91
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,925.69	222.91
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	2,255.50	222.91
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,740.70	222.91
22 47 16 00-0013	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	2,697.64	222.91
22 47 16 00-0014	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,945.88	334.36
22 47 16 00-0015		**Simulated Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	2,648.16	222.91
22 47 16 00-0017		**Fully Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	5,272.36	250.77
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	6,479.28	250.77
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	7,614.16	250.77
22 47 16 00-0021		**Free Standing Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	2,129.51	195.05
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	2,297.28	195.05
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	2,625.67	195.05
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,936.84	195.05
22 47 16 00-0026		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	706.61	111.45
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	860.71	111.45
22 47 16 00-0029		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	6,288.88	334.36
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semicircular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	7,254.97	334.36
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	3,214.04	334.36
22 47 16 00-0033		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0034		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	2,341.33	139.31
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	4,098.77	139.31
22 47 16 00-0037		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	3,878.13	208.98
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	4,681.16	208.98
22 47 16 00-0040		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	541.76	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	121.01	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		**Bottle Filler** *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	4,100.06	222.91
		For Stainless Steel Carrier, Add	*205.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	7,219.42	222.91
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	9,294.46	250.77
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	10,058.38	250.77
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	10,822.30	250.77
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0007		Indoor Bottle Filling Station *(22 47 19)*		
22 47 19 00-0008	EA	Indoor Bottle Filling Station With Chiller, Recessed Mount (Halsey Taylor HTHB-8)	3,783.08	222.91
22 47 19 00-0009	EA	Indoor Bottle Filling Station Without Chiller, Recessed Mount (Halsey Taylor HTHB-LR)	2,556.38	222.91
22 47 19 00-0010	EA	Indoor Bottle Filling Station, Surface Mount (Halsey Taylor HTHBSM-WF)	2,032.32	222.91
22 47 19 00-0011	EA	Surface Mount, Battery Powered, Non-Filtered, Non-Refrigerated, Stainless Steel Botter Filling Station (Elkay EMASMB)	1,591.43	222.91
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		Remote Chillers *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	1,352.14	75.23
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	2,077.24	83.59
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,766.68	97.52
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	2,283.54	111.45
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	3,582.34	167.19
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	3,884.05	181.11
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		Water Cooler Carriers *(22 47 26)*		
22 47 26 00-0002		Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	601.96	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*373.02*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	715.78	42.35
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*373.02*	
22 50		**Pool and Fountain Plumbing Systems** *(22)*		
22 51		**Swimming Pool Plumbing Systems** *(22 50)*		
22 51 13		**Swimming Pool Piping** *(22 51)*		
22 51 13 00-0001		Swimming Pool Gutters *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	288.54	25.07
22 51 13 00-0003		Pool Drains *(22 51 13)*		
22 51 13 00-0004		Cast Iron Pool Drain With Bottom Outlet *(22 51 13 00-0003)*		
		Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	2,384.73	70.22
		For Polished Bronze Top, Add	*769.60*	
		For Chromium Plated Top, Add	*805.00*	
		For Galvanized Top, Add	*276.40*	
		For Vandal Proof Construction, Add	*57.20*	
22 51 13 00-0006		Cast Iron Pool Drain With Waterproof Flange *(22 51 13 00-0003)*		
		Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	715.88	70.22
		For Clamp Device, Add	*13.80*	
		For Galvanized Top, Add	*38.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Chromium Plated Top, Add	*146.90*	
		For Hinge Grate, Add	*28.60*	
		For Supplementary Strainer, Add	*7.00*	
		For Threaded Outlet, Add	*9.50*	
		For Vandal Proof Construction, Add	*17.10*	
		For Ground Screw, Add	*18.30*	
22 51 13 00-0008		Pool Supply Fittings *(22 51 13)*		
22 51 13 00-0009		Cast Iron Pool Supply Fittings *(22 51 13 00-0008)*		
		Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Diameter Pipe	907.26	125.39
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Diameter Pipe	907.26	125.39
		For Chromium Plated Head, Add	*11.50*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	

22 51 16 Swimming Pool Pumps *(22 51)*

22 51 16 00-0001 Variable Speed Pool Pumps *(22 51 16)*

22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,846.61	473.69
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	3,116.14	473.69
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,477.90	473.69

22 51 16 00-0005 Electric Powered Portable Vacuum Cleaner Pump *(22 51 16)*

Note: Includes 75' of 3 wire electric safety cord.

22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	379.39	55.73
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	652.23	55.73

22 51 16 00-0008 Gasoline Driven Portable Vacuum Cleaner Pump *(22 51 16)*

22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,466.09	55.73

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001 Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	41,544.71	798.66
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	45,252.85	958.40
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	49,625.68	1,038.27
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	60,976.71	1,118.13
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	63,245.82	1,197.99
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	95,901.32	1,437.60
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	122,919.43	1,517.46
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	127,871.54	1,637.27

22 51 19 00-0010 Non-Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502)	22,319.57	1,038.27
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652)	23,786.32	1,118.13
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752)	25,915.18	1,197.99
22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992)	34,258.71	1,437.60
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262)	39,711.12	1,517.46
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442)	42,391.53	1,637.27
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802)	41,994.27	1,717.13
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072)	54,468.59	1,757.06

22 51 19 00-0019 Swimming Pool Heaters *(22 51 19)*

Note: Excludes wiring, external piping, base or pad. Commercial pools.

22 51 19 00-0020 Electric Pool Heaters *(22 51 19 00-0019)*

22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,363.77	222.91
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,876.49	239.63
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,418.41	278.64
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,737.61	334.36
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	6,316.86	468.11
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	7,246.54	668.72

22 51 19 00-0027 Gas Fired Pool Heaters *(22 51 19 00-0019)*

22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	6,280.71	1,092.55
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	7,133.87	1,248.64
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	8,061.09	1,404.72
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	9,273.81	1,716.88
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	9,552.01	1,812.52
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	11,192.83	2,217.49
22 51 19 00-0034	EA	500 MBH Output Gas Fired Pool Heater	17,636.18	2,558.65
22 51 19 00-0035	EA	600 MBH Output Gas Fired Pool Heater	20,455.06	2,814.50
22 51 19 00-0036	EA	750 MBH Output Gas Fired Pool Heater	23,069.71	3,070.37
22 51 19 00-0037	EA	1,000 MBH Output Gas Fired Pool Heater	29,589.57	3,624.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0038		**Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	18,524.70	892.76
22 51 19 00-0040	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	20,733.79	892.76
22 51 19 00-0041	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	25,063.05	1,139.48
22 51 19 00-0042	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	33,337.23	1,839.01
22 51 19 00-0043		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0044	EA	35,000 Gallon Filter System, Diatomite	15,318.72	3,165.71
22 51 19 00-0045	EA	45,000 Gallon Filter System, Diatomite	18,268.31	3,798.84
22 51 19 00-0046		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System	2,037.18	378.15
22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System	2,987.94	504.25
22 51 19 00-0049		**Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	270.58	111.45
22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	488.63	167.19
22 51 19 00-0052		**Horizontal High Rate Sand Filters** *(22 51 19)* Note: Includes sand, filter system equipment and attached accessory gauges.		
22 51 19 00-0053	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 1 tank, 4" pipe size, Miami Tanks model # HH3614-A.	42,101.36	2,383.98
22 51 19 00-0054	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 1 tank, 4" pipe size, Miami tanks model # HH3614-M.	25,715.10	2,383.98
22 51 19 00-0055	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-A.	58,295.43	4,767.95
22 51 19 00-0056	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-M.	46,144.61	4,767.95
22 51 19 00-0057	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-A.	59,922.77	4,767.95
22 51 19 00-0058	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-M.	48,014.97	4,767.95
22 51 19 00-0059	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-A.	81,901.29	7,151.93
22 51 19 00-0060	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-M.	63,826.94	7,151.93
22 51 19 00-0061	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-A.	84,244.66	7,151.93
22 51 19 00-0062	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-M.	70,605.98	7,151.93
22 51 19 00-0063	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-A.	105,728.32	9,535.91
22 51 19 00-0064	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-M.	90,413.95	9,535.91
22 51 19 00-0065	EA	675 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-A.	128,562.50	11,919.88
22 51 19 00-0066	EA	675 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-M.	108,839.11	11,919.88
22 51 19 00-0067	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-A.	132,160.02	11,919.88
22 51 19 00-0068	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-M.	112,772.01	11,919.88
22 51 19 00-0069	EA	810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-A.	152,659.78	14,303.86
22 51 19 00-0070	EA	810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-M.	130,718.87	14,303.86
22 51 19 00-0071	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-A.	155,801.64	14,303.86
22 51 19 00-0072	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-M.	133,277.11	14,303.86
22 51 19 00-0073	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-A.	160,006.69	14,303.86
22 51 19 00-0074	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-M.	127,863.42	14,303.86
22 51 19 00-0075	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-A.	179,917.61	16,687.83
22 51 19 00-0076	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-M.	157,975.14	16,687.83
22 51 19 00-0077	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-A.	185,206.01	16,687.83
22 51 19 00-0078	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-M.	162,670.57	16,687.83
22 51 19 00-0079	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-A.	206,123.30	19,071.80
22 51 19 00-0080	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-M.	183,830.88	19,071.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0081		**Swimming Pool Chlorinators** *(22 51 19)*		
22 51 19 00-0082	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,157.60	159.38
22 51 19 00-0083		**Ultra-Violet Pool Treatment Lights** *(22 51 19)*		
22 51 19 00-0084		**Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0083)*		
		Note: Delta ELP Amalgam Series		
22 51 19 00-0085	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,158.24	347.50
22 51 19 00-0086	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,085.71	347.50
22 51 19 00-0087	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,880.69	347.50
22 51 19 00-0088	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,445.20	368.09
22 51 19 00-0089	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,839.16	368.09
22 51 19 00-0090	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	22,416.49	368.09
22 51 19 00-0091	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	26,437.66	661.26
22 51 19 00-0092	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	39,237.89	661.26
22 51 19 00-0093	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	43,083.46	661.26
22 51 19 00-0094	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	46,192.62	793.30
22 51 19 00-0095	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	49,618.06	793.30
22 51 19 00-0096	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	52,009.43	793.30
22 51 19 00-0097	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	54,594.68	793.30
22 51 19 00-0098	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	58,635.71	901.72
22 51 19 00-0099	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	63,159.92	901.72
22 51 19 00-0100	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	67,684.10	901.72
22 51 19 00-0101	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	73,177.76	901.72
22 51 19 00-0102		**HDPE Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0083)*		
		Note: Delta EL Series		
22 51 19 00-0103	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,030.90	347.50
22 51 19 00-0104	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,935.70	347.50
22 51 19 00-0105	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,871.59	368.09
22 51 19 00-0106		**In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0083)*		
		Note: Delta EM Series		
22 51 19 00-0107	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,298.14	347.50
22 51 19 00-0108	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,621.27	347.50
22 51 19 00-0109	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	33,724.86	661.26
22 51 19 00-0110	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	42,734.44	661.26
22 51 19 00-0111	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	59,635.92	793.30
22 51 19 00-0112	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	67,296.32	901.72
22 51 19 00-0113	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	79,332.49	1,166.87
22 51 19 00-0114	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	89,027.16	1,166.87
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		**Pool Pump Variable Frequency Drive** *(22 51 23)*		
		Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,742.13	221.28
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	5,089.70	248.94
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	6,093.83	311.18
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,473.45	371.34
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	6,922.56	432.19
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	7,845.13	493.73
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,748.16	221.28
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	5,003.28	248.94
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,386.38	311.18
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	5,786.10	371.34
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	6,824.08	432.19
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,577.83	493.73
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	6,136.94	221.28
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	7,057.30	248.94
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	7,838.33	311.18
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	8,445.06	371.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	9,943.29	432.19
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	11,209.54	493.73
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	6,593.16	221.28
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	6,852.70	248.94
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	7,229.36	311.18
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	7,631.09	371.34
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	8,707.27	432.19
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	9,523.31	493.73
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	4,510.69	221.28
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	4,586.46	221.28
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	4,633.26	221.28
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	4,759.38	221.28
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	4,949.89	221.28
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	5,097.67	221.28
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	5,455.29	248.94
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	6,501.57	311.18
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	6,947.70	371.34
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	7,410.96	432.19
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	8,419.75	493.73
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	11,065.05	615.44
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	12,214.97	677.68
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	14,459.42	739.92
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	16,823.17	864.38
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	18,432.58	926.62
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	4,605.11	221.28
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	4,702.96	221.28
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	4,826.08	221.28
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	4,931.92	221.28
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	5,039.77	221.28
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	5,153.58	221.28
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	5,417.34	248.94
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	5,804.64	311.18
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	6,214.42	371.34
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	7,555.95	432.19
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	8,327.48	493.73
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	9,165.13	615.44
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	10,370.00	677.68
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	11,712.35	739.92
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	14,361.34	864.38
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	15,782.32	926.62
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	17,707.19	988.86
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	21,003.20	1,047.63
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	24,241.37	1,106.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	26,285.87	1,237.80
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	30,703.65	1,355.36
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	6,530.66	221.28
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	6,606.43	221.28
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	6,653.23	221.28
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	6,779.35	221.28
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	6,969.86	221.28
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	7,117.64	221.28
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	7,475.26	248.94
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	8,292.87	311.18
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	8,972.55	371.34
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	10,511.26	432.19
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	11,877.96	493.73
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	13,975.52	615.44
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	15,386.08	677.68
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	19,680.36	739.92
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	25,971.82	864.38
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	28,548.28	926.62
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	6,502.00	221.28
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	6,599.83	221.28
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	6,722.97	221.28
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	6,828.81	221.28
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	6,936.64	221.28
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	7,050.47	221.28
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	7,314.23	248.94
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	7,699.47	311.18
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	8,109.26	371.34
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	9,491.93	432.19
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	10,327.13	493.73
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	11,300.32	615.44
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	12,738.99	677.68
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	15,097.86	739.92
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	17,370.15	864.38
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	19,345.63	926.62
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	22,482.11	988.86
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	29,700.07	1,047.63
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	32,866.51	1,106.41
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	41,322.03	1,237.80
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	48,573.85	1,355.36
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	448.75	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	716.09	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	792.46	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,346.24	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,568.36	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,603.21	
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,676.10	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,828.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,961.33	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	2,295.82	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	2,364.28	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,510.01	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,638.30	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	3,154.03	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	3,166.13	
22 51 23 00-0115		Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*		
22 51 23 00-0116		Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*		
22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	4,042.68	184.40
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	4,046.59	184.40
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	4,113.56	207.45
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	4,260.35	259.31
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,601.97	309.45
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	5,118.26	360.16
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	6,034.93	411.45
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	6,264.57	515.17
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	7,503.48	566.46
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	7,731.46	617.17
		For Bypass Panel, Add	*1,303.14*	
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	4,020.50	184.40
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	4,025.72	184.40
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	4,050.50	184.40
		For Bypass Panel, Add	*903.69*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	4,134.44	207.45
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,484.75	259.31
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	4,995.97	309.45
		For Bypass Panel, Add	*1,068.19*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	5,920.62	360.16
		For Bypass Panel, Add	*1,303.14*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	6,047.97	411.45
		For Bypass Panel, Add	*1,303.14*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	7,382.64	515.17
		For Bypass Panel, Add	*1,778.14*	
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	7,613.07	566.46
		For Bypass Panel, Add	*2,459.28*	
22 51 23 00-0137		Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*		
22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	544.32	86.43
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	544.32	86.43
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	582.31	57.63
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	662.43	25.93
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	683.86	28.81
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	700.04	31.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	730.60	34.58
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	744.19	37.46
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	973.05	40.33
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	1,014.03	43.22
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	1,058.94	46.10
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,102.53	48.98
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,140.92	51.86
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,571.98	54.74
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	197.23	28.81
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	210.80	31.69
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	236.14	34.58
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	312.35	37.46
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	350.74	40.33
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	363.01	43.22
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	375.31	46.10
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	398.03	48.98
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	505.56	51.86
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	519.14	54.74
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	198.53	28.81
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	218.63	31.69
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	240.06	34.58
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	252.34	37.46
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	263.33	40.33
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	331.70	43.22
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	345.30	46.10
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	362.80	48.98
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	375.10	51.86
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	453.90	54.74
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	494.90	57.63
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	81.06	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	110.91	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	138.17	

22 51 23 00-0176 Pool Flow Meters *(22 51 23)*

22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Diameter Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	146.86	22.29
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Diameter Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	146.86	22.29
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Diameter Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	228.67	41.80
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Diameter Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	191.45	44.58

22 51 23 00-0181 Paddlewheel Flow Sensors *(22 51 23)*

22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0) Note: Includes 25' of cable (extendable to 200').	974.69	66.55
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,299.54	66.55
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,299.54	66.55
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,350.43	66.55
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,405.22	66.55
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,508.94	66.55
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,508.94	66.55
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,573.52	66.55
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,636.14	66.55
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) Note: Includes 25' of cable (extendable to 200').	1,019.70	66.55
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,350.43	66.55
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,350.43	66.55
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,405.22	66.55
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,456.10	66.55
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) Note: Includes 25' of cable (extendable to 200').	1,060.80	66.55
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	333.59	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	461.15	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	567.17	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	696.69	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	922.10	
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	934.21	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	319.21	18.44
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	442.50	18.44
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	548.17	18.44
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	696.90	18.44
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	970.88	18.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 62 Vacuum Systems for Laboratory and Healthcare Facilities *(22 60)*

22 62 19 Vacuum Equipment for Laboratory and Healthcare Facilities *(22 62)*

22 62 19 74 Dental Vacuum and Evacuation Equipment *(22 62 19)*

22 62 19 74-0001 Dental Oral Vacuum Pumps *(22 62 19 74)*

22 62 19 74-0002	EA	165 SCFM, Duplex Vacuum Pump, Dental Oral, With 30" X 66", 77 Gallon Separator	9,369.52	999.31

22 63 Gas Systems for Laboratory and Healthcare Facilities *(22 60)*

22 63 13 Gas Piping for Laboratory and Healthcare Facilities *(22 63)*

22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2279 for PVC piping.

22 63 13 70 Healthcare Gas Piping *(22 63 13)*

22 63 13 70-0001 Zone Valve Assemblies *(22 63 13 70)*

22 63 13 70-0002 Single Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0003	EA	1/2" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	488.46	88.50
22 63 13 70-0004	EA	3/4" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	521.81	95.96
22 63 13 70-0005	EA	1" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	555.15	102.09
22 63 13 70-0006	EA	1-1/4" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	624.21	111.45
22 63 13 70-0007	EA	1-1/2" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	714.45	118.25
22 63 13 70-0008	EA	2" Diameter, Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	885.47	127.62

22 63 13 70-0009 Double Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0010	EA	1/2" x 1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	698.46	126.83
22 63 13 70-0011	EA	1/2" x 3/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	731.81	134.30
22 63 13 70-0012	EA	1/2" x 1" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	772.12	140.32
22 63 13 70-0013	EA	1/2" x 1-1/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	852.78	149.79
22 63 13 70-0014	EA	1/2" x 1-1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	954.61	156.59
22 63 13 70-0015	EA	3/4" x 3/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	762.85	141.77
22 63 13 70-0016	EA	3/4" x 1" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	803.16	147.90
22 63 13 70-0017	EA	3/4" x 1-1/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	886.14	157.26
22 63 13 70-0018	EA	3/4" x 1-1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	943.90	164.06
22 63 13 70-0019	EA	1" x 1" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	834.18	153.92
22 63 13 70-0020	EA	1" x 1-1/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	884.68	163.40
22 63 13 70-0021	EA	1" x 1-1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	979.56	170.19
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	1,018.71	172.75
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	1,057.90	179.67
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Diameter, Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	1,159.74	186.46

22 63 13 70-0025 Triple Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	950.21	165.06
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	983.57	172.64
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	1,023.88	178.67
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	1,106.86	188.14
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	1,211.02	194.94
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	1,019.25	180.11
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	1,059.55	186.13
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	1,140.21	195.60
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	1,244.37	202.41
22 63 13 70-0035	EA	1/2" x 1" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	1,099.86	192.26
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	1,180.52	201.73
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	1,284.68	208.53
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	1,052.61	187.58
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	1,092.91	193.70
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	1,173.58	203.07
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	1,277.73	209.86
22 63 13 70-0042	EA	3/4" x 1" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	1,133.22	199.73
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	1,213.88	209.20
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	1,315.72	216.00
22 63 13 70-0045	EA	1" x 1" x 1" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-1010110)	1,113.19	205.85
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	1,191.54	215.22
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Diameter, Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	1,358.33	222.13

22 63 13 70-0048 Medical Gas Copper Pipe And Fittings *(22 63 13 70)*

22 63 13 70-0049 Medical Gas Copper Pipe, ASTM B819 *(22 63 13 70-0048)*

22 63 13 70-0050	LF	1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/4")	8.80	3.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0051	LF	3/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/8")	10.87	3.87
22 63 13 70-0052	LF	1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/2")	11.66	3.87
22 63 13 70-0053	LF	5/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 5/8")	13.12	3.87
22 63 13 70-0054	LF	3/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/4")	17.79	3.87
22 63 13 70-0055	LF	1" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1")	20.85	3.87
22 63 13 70-0056	LF	1-1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/4")	25.04	3.87
22 63 13 70-0057	LF	1-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/2")	31.18	3.87
22 63 13 70-0058	LF	2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2")	44.00	3.87
22 63 13 70-0059	LF	2-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2-1/2")	61.85	6.41
22 63 13 70-0060	LF	3" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3")	75.55	6.41
22 63 13 70-0061	LF	3-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3-1/2")	96.84	9.69
22 63 13 70-0062	LF	4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 4")	133.41	9.69

22 63 13 70-0063 Medical Gas Copper Fittings *(22 63 13 70-0048)*

22 63 13 70-0064 Medical Gas Copper 90 Degree Elbows *(22 63 13 70-0063)*

22 63 13 70-0065	EA	1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P049)	47.33	29.41
22 63 13 70-0066	EA	3/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P050)	49.02	30.73
22 63 13 70-0067	EA	1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P079)	51.86	32.31
22 63 13 70-0068	EA	5/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P080)	57.31	34.00
22 63 13 70-0069	EA	3/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P081)	56.61	34.00
22 63 13 70-0070	EA	1" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P082)	68.73	40.42
22 63 13 70-0071	EA	1-1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P055)	73.27	43.08
22 63 13 70-0072	EA	1-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P056)	88.60	49.62
22 63 13 70-0073	EA	2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P057)	109.01	58.69
22 63 13 70-0074	EA	2-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P058)	196.34	99.35
22 63 13 70-0075	EA	3" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMA3)	239.99	117.38
22 63 13 70-0076	EA	4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMA4)	362.61	143.52

22 63 13 70-0077 Medical Gas Copper Tees *(22 63 13 70-0063)*

22 63 13 70-0078	EA	1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P095)	71.64	43.08
22 63 13 70-0079	EA	3/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P096)	74.58	46.10
22 63 13 70-0080	EA	1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P098)	76.09	49.62
22 63 13 70-0081	EA	5/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R568)	94.78	53.85
22 63 13 70-0082	EA	3/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P103)	84.63	53.85
22 63 13 70-0083	EA	1" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P109)	109.17	64.61
22 63 13 70-0084	EA	1-1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P113)	125.86	71.75
22 63 13 70-0085	EA	1-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P117)	145.98	80.71
22 63 13 70-0086	EA	2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R499)	181.42	92.21
22 63 13 70-0087	EA	2-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMD9)	314.62	161.43
22 63 13 70-0088	EA	3" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VME5)	396.87	184.54
22 63 13 70-0089	EA	4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMG2)	632.24	258.24

22 63 13 70-0090 Medical Gas Copper Couplings *(22 63 13 70-0063)*

22 63 13 70-0091	EA	1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R491)	39.63	25.77
22 63 13 70-0092	EA	3/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R495)	41.55	26.86
22 63 13 70-0093	EA	1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R489)	42.91	28.08
22 63 13 70-0094	EA	5/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R493)	46.99	29.41
22 63 13 70-0095	EA	3/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R490)	47.72	30.73
22 63 13 70-0096	EA	1" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R492)	57.35	35.82
22 63 13 70-0097	EA	1-1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R501)	63.82	37.99
22 63 13 70-0098	EA	1-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R509)	73.09	43.08
22 63 13 70-0099	EA	2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R516)	87.92	49.62
22 63 13 70-0100	EA	2-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R615)	160.60	86.03
22 63 13 70-0101	EA	3" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R690)	196.35	99.35
22 63 13 70-0102	EA	4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R692)	260.49	121.01

22 63 13 70-0103 Medical Gas Copper Caps *(22 63 13 70-0063)*

22 63 13 70-0104	EA	1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R498)	25.39	16.10
22 63 13 70-0105	EA	3/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R521)	26.06	16.10
22 63 13 70-0106	EA	1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P121)	24.88	16.10
22 63 13 70-0107	EA	5/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 39R511)	27.78	16.95
22 63 13 70-0108	EA	3/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P122)	26.64	16.95
22 63 13 70-0109	EA	1" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P123)	33.61	20.21
22 63 13 70-0110	EA	1-1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P124)	38.16	22.27
22 63 13 70-0111	EA	1-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P125)	44.10	24.80
22 63 13 70-0112	EA	2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 5P126)	56.60	29.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0113	EA	2-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMG6)	87.14	32.31
22 63 13 70-0114	EA	3" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMG7)	105.63	35.82
22 63 13 70-0115	EA	4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (NIBCO 1VMG8)	152.38	40.42

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	14.49	6.36
		For Schedule 80, Add	*2.56*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.19*	
		For Work In Restricted Working Space, Add	*2.87*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	17.42	7.13
		For Schedule 80, Add	*3.46*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.96*	
		For Work In Restricted Working Space, Add	*3.23*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	27.59	10.37
		For Schedule 80, Add	*6.25*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.34*	
		For Work In Restricted Working Space, Add	*4.67*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	37.31	13.48
		For Schedule 80, Add	*8.87*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*7.59*	
		For Work In Restricted Working Space, Add	*6.08*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	60.45	19.84
		For Schedule 80, Add	*15.98*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*13.67*	
		For Work In Restricted Working Space, Add	*8.92*	

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	55.80	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	72.07	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	96.20	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	138.49	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	269.79	70.77
		For Work In Restricted Working Space, Add	*31.85*	

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	55.46	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	71.17	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	97.91	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	121.29	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	243.12	70.77
		For Work In Restricted Working Space, Add	*31.85*	

22 66 53 00-0021 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	101.51	51.27
		For Work In Restricted Working Space, Add	*23.06*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	126.44	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	165.21	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	227.74	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	398.78	148.68
		For Work In Restricted Working Space, Add	*66.87*	

22 66 53 00-0027 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	126.40	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	161.08	70.77
		For Work In Restricted Working Space, Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	157.42	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	218.34	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	221.89	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	372.61	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0034		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	113.54	51.27
		For Work In Restricted Working Space, Add	*23.06*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	129.35	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	174.11	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	231.85	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	348.03	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0040		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	108.26	51.27
		For Work In Restricted Working Space, Add	*23.06*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	132.69	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	168.93	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	230.83	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	455.25	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0046		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	140.96	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	164.69	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	164.69	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	227.17	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	227.17	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	406.61	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	409.46	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	373.81	148.68
		For Work In Restricted Working Space, Add	*66.87*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	134.70	64.08
		For Work In Restricted Working Space, Add	*28.82*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	167.41	80.81
		For Work In Restricted Working Space, Add	*36.34*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	225.26	88.50
		For Work In Restricted Working Space, Add	*39.80*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	312.78	116.14
		For Work In Restricted Working Space, Add	*52.25*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	554.34	185.79
		For Work In Restricted Working Space, Add	*83.59*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	99.30	51.27
		For Work In Restricted Working Space, Add	*23.06*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	129.70	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	148.10	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	204.54	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	119.94	64.64
		For Work In Restricted Working Space, Add	*29.08*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	144.17	70.77
		For Work In Restricted Working Space, Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	145.75	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	198.70	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	199.70	92.96
		For Work In Restricted Working Space, Add	*41.79*	
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	117.31	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	156.04	78.24
		For Work In Restricted Working Space, Add	*35.20*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	235.38	106.22
		For Work In Restricted Working Space, Add	*47.77*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	330.64	135.19
		For Work In Restricted Working Space, Add	*60.80*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	54.86	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	67.13	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	78.75	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	107.04	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	158.77	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	52.49	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	68.92	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	82.04	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	110.27	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0087		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings** *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	49.54	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	63.62	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	74.03	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	97.90	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	143.93	70.77
		For Work In Restricted Working Space, Add	*31.85*	
22 66 53 00-0093		**Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
22 66 53 00-0094		**Glass Acid Resistant DWV Pipe** *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	1-1/2" Glass Acid Resistant DWV Pipe	29.14	6.13
		For Work In Restricted Working Space, Add	*3.68*	
22 66 53 00-0096	LF	2" Glass Acid Resistant DWV Pipe	36.37	6.69
		For Work In Restricted Working Space, Add	*4.01*	
22 66 53 00-0097	LF	3" Glass Acid Resistant DWV Pipe	50.37	9.36
		For Work In Restricted Working Space, Add	*5.64*	
22 66 53 00-0098	LF	4" Glass Acid Resistant DWV Pipe	81.75	12.15
		For Work In Restricted Working Space, Add	*7.30*	
22 66 53 00-0099	LF	6" Glass Acid Resistant DWV Pipe	136.14	16.60
		For Work In Restricted Working Space, Add	*9.95*	
22 66 53 00-0100		**Glass Acid Resistant DWV 90 Or 60 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0101	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	90.43	27.31
		For Work In Restricted Working Space, Add	*16.35*	
22 66 53 00-0102	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	103.19	28.97
		For Work In Restricted Working Space, Add	*17.35*	
22 66 53 00-0103	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	140.46	32.88
		For Work In Restricted Working Space, Add	*19.73*	
22 66 53 00-0104	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	206.19	43.47
		For Work In Restricted Working Space, Add	*26.08*	
22 66 53 00-0105	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	483.86	60.18
		For Work In Restricted Working Space, Add	*36.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0106		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0107	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	90.66	27.42
		For Work In Restricted Working Space, Add	*16.42*	
22 66 53 00-0108	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	102.74	28.64
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0109	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	140.23	32.76
		For Work In Restricted Working Space, Add	*19.66*	
22 66 53 00-0110	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	206.19	43.47
		For Work In Restricted Working Space, Add	*26.08*	
22 66 53 00-0111	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	483.84	60.18
		For Work In Restricted Working Space, Add	*36.11*	
22 66 53 00-0112		**Glass Acid Resistant DWV 90 Or 60 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0113	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	91.64	27.42
		For Work In Restricted Working Space, Add	*16.42*	
22 66 53 00-0114	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	103.92	28.64
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0115	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	142.29	32.76
		For Work In Restricted Working Space, Add	*19.66*	
22 66 53 00-0116	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	206.19	43.47
		For Work In Restricted Working Space, Add	*26.08*	
22 66 53 00-0117		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0118	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	91.64	27.42
		For Work In Restricted Working Space, Add	*16.42*	
22 66 53 00-0119	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	103.92	28.64
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0120	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	142.29	32.76
		For Work In Restricted Working Space, Add	*19.66*	
22 66 53 00-0121	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	206.19	43.47
		For Work In Restricted Working Space, Add	*26.08*	
22 66 53 00-0122		**Glass Acid Resistant DWV 90 Degree Bends With Long Leg** *(22 66 53 00-0093)*		
22 66 53 00-0123	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	105.64	27.42
		For Work In Restricted Working Space, Add	*16.42*	
22 66 53 00-0124	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	124.04	28.64
		For Work In Restricted Working Space, Add	*17.22*	
22 66 53 00-0125		**Glass Acid Resistant DWV Double Quarter Bends** *(22 66 53 00-0093)*		
22 66 53 00-0126	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	146.29	41.01
		For Work In Restricted Working Space, Add	*24.63*	
22 66 53 00-0127	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	182.10	42.47
		For Work In Restricted Working Space, Add	*25.48*	
22 66 53 00-0128	EA	2" Glass Acid Resistant DWV Double Quarter Bend	170.32	43.02
		For Work In Restricted Working Space, Add	*25.83*	
22 66 53 00-0129	EA	3" Glass Acid Resistant DWV Double Quarter Bend	228.87	49.16
		For Work In Restricted Working Space, Add	*29.50*	
22 66 53 00-0130	EA	4" Glass Acid Resistant DWV Double Quarter Bend	374.51	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0131	EA	6" Glass Acid Resistant DWV Double Quarter Bend	572.43	90.28
		For Work In Restricted Working Space, Add	*54.17*	
22 66 53 00-0132		**Glass Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0133	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	140.39	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0134	EA	2" Glass Acid Resistant DWV Sanitary Tee	143.73	42.91
		For Work In Restricted Working Space, Add	*25.75*	
22 66 53 00-0135	EA	3" Glass Acid Resistant DWV Sanitary Tee	184.46	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0136	EA	4" Glass Acid Resistant DWV Sanitary Tee	285.39	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0137	EA	6" Glass Acid Resistant DWV Sanitary Tee	595.77	90.28
		For Work In Restricted Working Space, Add	*54.17*	
22 66 53 00-0138		**Glass Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0139	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	142.62	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0140	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	168.88	46.26
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0141	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	179.06	47.37
		For Work In Restricted Working Space, Add	*28.42*	
22 66 53 00-0142	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	230.33	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0143	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	240.97	57.96
		For Work In Restricted Working Space, Add	*34.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0144	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	252.85	59.63
		For Work In Restricted Working Space, Add	*35.78*	
22 66 53 00-0145	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	440.79	74.67
		For Work In Restricted Working Space, Add	*44.81*	
22 66 53 00-0146	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	474.55	76.34
		For Work In Restricted Working Space, Add	*45.81*	
22 66 53 00-0147	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	487.37	81.92
		For Work In Restricted Working Space, Add	*49.15*	

22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0149	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	198.07	54.61
		For Work In Restricted Working Space, Add	*32.77*	
22 66 53 00-0150	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	203.62	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0151	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	262.06	65.76
		For Work In Restricted Working Space, Add	*39.45*	
22 66 53 00-0152	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	424.06	86.93
		For Work In Restricted Working Space, Add	*52.16*	
22 66 53 00-0153	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	751.00	120.37
		For Work In Restricted Working Space, Add	*72.23*	

22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0155	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	201.38	56.28
		For Work In Restricted Working Space, Add	*33.77*	
22 66 53 00-0156	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	231.78	60.18
		For Work In Restricted Working Space, Add	*36.11*	
22 66 53 00-0157	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	244.52	61.30
		For Work In Restricted Working Space, Add	*36.78*	
22 66 53 00-0158	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	352.89	70.77
		For Work In Restricted Working Space, Add	*42.47*	
22 66 53 00-0159	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	349.93	72.44
		For Work In Restricted Working Space, Add	*43.46*	
22 66 53 00-0160	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	375.34	76.34
		For Work In Restricted Working Space, Add	*45.82*	
22 66 53 00-0161	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	495.64	89.17
		For Work In Restricted Working Space, Add	*53.49*	
22 66 53 00-0162	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	538.32	93.07
		For Work In Restricted Working Space, Add	*55.83*	
22 66 53 00-0163	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	609.43	103.65
		For Work In Restricted Working Space, Add	*62.18*	

22 66 53 00-0164 Glass Acid Resistant DWV Tees *(22 66 53 00-0093)*

22 66 53 00-0165	EA	1-1/2" Glass Acid Resistant DWV Tee	154.15	41.23
		For Work In Restricted Working Space, Add	*24.75*	
22 66 53 00-0166	EA	2" Glass Acid Resistant DWV Tee	157.47	42.91
		For Work In Restricted Working Space, Add	*25.74*	
22 66 53 00-0167	EA	3" Glass Acid Resistant DWV Tee	201.54	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0168	EA	4" Glass Acid Resistant DWV Tee	312.18	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0169	EA	6" Glass Acid Resistant DWV Tee	627.89	90.28
		For Work In Restricted Working Space, Add	*54.17*	

22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees *(22 66 53 00-0093)*

22 66 53 00-0171	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	156.35	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0172	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	183.21	46.26
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0173	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	187.51	47.37
		For Work In Restricted Working Space, Add	*28.43*	
22 66 53 00-0174	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	233.48	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0175	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	239.49	57.96
		For Work In Restricted Working Space, Add	*34.77*	
22 66 53 00-0176	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	285.07	59.63
		For Work In Restricted Working Space, Add	*35.78*	
22 66 53 00-0177	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	533.43	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0178	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	556.25	81.92
		For Work In Restricted Working Space, Add	*49.14*	

22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout *(22 66 53 00-0093)*

22 66 53 00-0180	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	177.70	41.23
		For Work In Restricted Working Space, Add	*24.75*	
22 66 53 00-0181	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	197.42	42.91
		For Work In Restricted Working Space, Add	*25.74*	
22 66 53 00-0182	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	251.89	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0183	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	426.93	65.20
		For Work In Restricted Working Space, Add	*39.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0184	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	627.89	90.28
		For Work In Restricted Working Space, Add	*54.17*	

22 66 53 00-0185 Glass Acid Resistant DWV Wyes *(22 66 53 00-0093)*

22 66 53 00-0186	EA	1-1/2" Glass Acid Resistant DWV Wye	143.35	41.23
		For Work In Restricted Working Space, Add	*24.75*	
22 66 53 00-0187	EA	2" Glass Acid Resistant DWV Wye	146.67	42.91
		For Work In Restricted Working Space, Add	*25.74*	
22 66 53 00-0188	EA	3" Glass Acid Resistant DWV Wye	196.24	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0189	EA	4" Glass Acid Resistant DWV Wye	298.53	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0190	EA	6" Glass Acid Resistant DWV Wye	586.76	90.28
		For Work In Restricted Working Space, Add	*54.17*	

22 66 53 00-0191 Glass Acid Resistant DWV Reducing Wyes *(22 66 53 00-0093)*

22 66 53 00-0192	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	145.55	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0193	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	174.96	46.26
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0194	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	179.76	47.37
		For Work In Restricted Working Space, Add	*28.43*	
22 66 53 00-0195	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	242.12	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0196	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	244.40	57.96
		For Work In Restricted Working Space, Add	*34.77*	
22 66 53 00-0197	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	264.46	59.63
		For Work In Restricted Working Space, Add	*35.78*	
22 66 53 00-0198	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	427.99	74.67
		For Work In Restricted Working Space, Add	*44.80*	
22 66 53 00-0199	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	492.59	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0200	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	535.04	81.92
		For Work In Restricted Working Space, Add	*49.14*	

22 66 53 00-0201 Glass Acid Resistant DWV Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0202	EA	1-1/2" Glass Acid Resistant DWV Double Wye	227.71	54.61
		For Work In Restricted Working Space, Add	*32.77*	
22 66 53 00-0203	EA	2" Glass Acid Resistant DWV Double Wye	233.29	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0204	EA	3" Glass Acid Resistant DWV Double Wye	308.08	65.76
		For Work In Restricted Working Space, Add	*39.45*	
22 66 53 00-0205	EA	4" Glass Acid Resistant DWV Double Wye	471.05	86.93
		For Work In Restricted Working Space, Add	*52.15*	
22 66 53 00-0206	EA	6" Glass Acid Resistant DWV Double Wye	776.42	120.37
		For Work In Restricted Working Space, Add	*72.25*	

22 66 53 00-0207 Glass Acid Resistant DWV Reducing Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0208	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	231.01	56.28
		For Work In Restricted Working Space, Add	*33.76*	
22 66 53 00-0209	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	238.84	60.18
		For Work In Restricted Working Space, Add	*36.11*	
22 66 53 00-0210	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	273.26	61.30
		For Work In Restricted Working Space, Add	*36.78*	
22 66 53 00-0211	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	334.47	70.77
		For Work In Restricted Working Space, Add	*42.48*	
22 66 53 00-0212	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	352.30	72.44
		For Work In Restricted Working Space, Add	*43.47*	
22 66 53 00-0213	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	411.32	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0214	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	626.30	89.17
		For Work In Restricted Working Space, Add	*53.48*	
22 66 53 00-0215	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	657.19	93.07
		For Work In Restricted Working Space, Add	*55.84*	
22 66 53 00-0216	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	704.00	103.65
		For Work In Restricted Working Space, Add	*62.20*	

22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0218	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	158.89	41.23
		For Work In Restricted Working Space, Add	*24.75*	
22 66 53 00-0219	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	162.86	42.91
		For Work In Restricted Working Space, Add	*25.74*	
22 66 53 00-0220	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	205.86	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0221	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	303.54	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0222	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	572.72	90.28
		For Work In Restricted Working Space, Add	*54.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0223		**Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0224	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	161.74	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0225	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	177.42	46.26
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0226	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	189.57	47.37
		For Work In Restricted Working Space, Add	*28.43*	
22 66 53 00-0227	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	236.23	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0228	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	245.68	57.96
		For Work In Restricted Working Space, Add	*34.77*	
22 66 53 00-0229	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	265.93	59.63
		For Work In Restricted Working Space, Add	*35.78*	
22 66 53 00-0230	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	428.87	74.67
		For Work In Restricted Working Space, Add	*44.80*	
22 66 53 00-0231	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	484.05	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0232	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	495.78	81.92
		For Work In Restricted Working Space, Add	*49.14*	
22 66 53 00-0233		**Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0234	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	212.98	54.61
		For Work In Restricted Working Space, Add	*32.77*	
22 66 53 00-0235	EA	2" Double Glass Combination Wye And 1/8 Bend	245.65	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0236	EA	3" Double Glass Combination Wye And 1/8 Bend	326.73	65.76
		For Work In Restricted Working Space, Add	*39.45*	
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend	514.44	86.93
		For Work In Restricted Working Space, Add	*52.15*	
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend	845.67	120.37
		For Work In Restricted Working Space, Add	*72.25*	
22 66 53 00-0239		**Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	218.54	56.28
		For Work In Restricted Working Space, Add	*33.76*	
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	273.58	60.18
		For Work In Restricted Working Space, Add	*36.11*	
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	270.12	61.30
		For Work In Restricted Working Space, Add	*36.78*	
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	358.62	70.77
		For Work In Restricted Working Space, Add	*42.48*	
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	356.13	72.44
		For Work In Restricted Working Space, Add	*43.47*	
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	397.67	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	563.05	89.17
		For Work In Restricted Working Space, Add	*53.48*	
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	599.28	93.07
		For Work In Restricted Working Space, Add	*55.84*	
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	697.13	103.65
		For Work In Restricted Working Space, Add	*62.20*	
22 66 53 00-0249		**Glass Acid Resistant DWV Partition Compact Crosses** *(22 66 53 00-0093)*		
22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Compact Cross	238.17	56.28
		For Work In Restricted Working Space, Add	*33.76*	
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Compact Cross	240.45	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Compact Cross	255.35	55.73
		For Work In Restricted Working Space, Add	*33.44*	
22 66 53 00-0253		**Glass Acid Resistant DWV Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	229.14	41.23
		For Work In Restricted Working Space, Add	*24.75*	
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	251.60	42.91
		For Work In Restricted Working Space, Add	*25.74*	
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	289.39	49.04
		For Work In Restricted Working Space, Add	*29.42*	
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	422.31	65.20
		For Work In Restricted Working Space, Add	*39.12*	
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	782.00	90.28
		For Work In Restricted Working Space, Add	*54.17*	
22 66 53 00-0259		**Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	230.75	42.35
		For Work In Restricted Working Space, Add	*25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	262.72	46.26
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	279.19	47.37
		For Work In Restricted Working Space, Add	*28.43*	
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	324.57	57.40
		For Work In Restricted Working Space, Add	*34.44*	
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	342.66	57.96
		For Work In Restricted Working Space, Add	*34.77*	
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	375.08	59.63
		For Work In Restricted Working Space, Add	*35.78*	
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	537.45	76.34
		For Work In Restricted Working Space, Add	*45.80*	
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	610.63	81.92
		For Work In Restricted Working Space, Add	*49.14*	

22 66 53 00-0268 Glass Acid Resistant DWV Reducers Or Increasers *(22 66 53 00-0093)*

22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	87.14	27.86
		For Eccentric Reducers Or Increasers, Add	*2.51*	
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	106.81	30.10
		For Eccentric Reducers Or Increasers, Add	*3.73*	
		For Work In Restricted Working Space, Add	*18.05*	
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	113.52	30.65
		For Eccentric Reducers Or Increasers, Add	*4.18*	
		For Work In Restricted Working Space, Add	*18.39*	
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	144.26	35.66
		For Eccentric Reducers Or Increasers, Add	*5.83*	
		For Work In Restricted Working Space, Add	*21.40*	
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	149.89	36.22
		For Eccentric Reducers Or Increasers, Add	*6.20*	
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0274	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	159.52	37.90
		For Eccentric Reducers Or Increasers, Add	*6.70*	
		For Work In Restricted Working Space, Add	*22.74*	
22 66 53 00-0275	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	300.06	44.02
		For Eccentric Reducers Or Increasers, Add	*16.96*	
		For Work In Restricted Working Space, Add	*26.41*	
22 66 53 00-0276	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	314.64	44.58
		For Eccentric Reducers Or Increasers, Add	*18.04*	
		For Work In Restricted Working Space, Add	*26.75*	
22 66 53 00-0277	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	333.38	46.26
		For Eccentric Reducers Or Increasers, Add	*19.27*	
		For Work In Restricted Working Space, Add	*27.75*	
22 66 53 00-0278	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	351.50	51.82
		For Eccentric Reducers Or Increasers, Add	*19.83*	
		For Work In Restricted Working Space, Add	*31.10*	

22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps *(22 66 53 00-0093)*

22 66 53 00-0280	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	193.01	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0281	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	205.74	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0282	EA	2" Glass Acid Resistant DWV Swivel P-Trap	228.93	42.91
		For Work In Restricted Working Space, Add	*25.75*	
22 66 53 00-0283	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	207.34	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0284	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	224.00	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0285	EA	2" Glass Acid Resistant DWV Swivel P-Trap	249.55	42.91
		For Work In Restricted Working Space, Add	*25.75*	
22 66 53 00-0286	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	211.26	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0287	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	224.00	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0288	EA	2" Glass Acid Resistant DWV Swivel P-Trap	249.55	42.91
		For Work In Restricted Working Space, Add	*25.75*	

22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps *(22 66 53 00-0093)*

22 66 53 00-0290	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	255.83	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0291	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	317.34	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0292	EA	2" Glass Acid Resistant DWV Drum P-Trap	326.31	42.91
		For Work In Restricted Working Space, Add	*25.75*	
22 66 53 00-0293	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	279.68	41.23
		For Work In Restricted Working Space, Add	*24.74*	
22 66 53 00-0294	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	295.85	42.35
		For Work In Restricted Working Space, Add	*25.41*	
22 66 53 00-0295	EA	2" Glass Acid Resistant DWV Drum P-Trap	330.92	42.91
		For Work In Restricted Working Space, Add	*25.75*	

22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs *(22 66 53 00-0093)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0297	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	42.49	13.94
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0298	EA	2" Glass Acid Resistant DWV Cleanout Plug	47.42	14.49
		For Work In Restricted Working Space, Add	*8.69*	
22 66 53 00-0299	EA	3" Glass Acid Resistant DWV Cleanout Plug	58.72	16.16
		For Work In Restricted Working Space, Add	*9.70*	
22 66 53 00-0300	EA	4" Glass Acid Resistant DWV Cleanout Plug	90.98	21.74
		For Work In Restricted Working Space, Add	*13.04*	
22 66 53 00-0301	EA	6" Glass Acid Resistant DWV Cleanout Plug	129.58	30.10
		For Work In Restricted Working Space, Add	*18.05*	

22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings *(22 66 53 00-0093)*

22 66 53 00-0303	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	528.46	54.61
		For Work In Restricted Working Space, Add	*32.77*	
22 66 53 00-0304	EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	55.05	13.94
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0305	EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	60.25	13.94
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0306	EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	87.93	27.86
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	165.44	28.97
		For Work In Restricted Working Space, Add	*17.39*	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	167.41	28.97
		For Work In Restricted Working Space, Add	*17.39*	
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	187.04	28.97
		For Work In Restricted Working Space, Add	*17.39*	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	154.84	28.97
		For Work In Restricted Working Space, Add	*17.39*	

22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 66 53 00-0093)*

Note: Includes teflon spacer.

22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	155.07	41.12
		For Work In Restricted Working Space, Add	*24.67*	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	161.95	43.13
		For Work In Restricted Working Space, Add	*25.88*	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	219.05	49.16
		For Work In Restricted Working Space, Add	*29.50*	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	310.24	65.32
		For Work In Restricted Working Space, Add	*39.15*	

22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	24.64
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	31.08
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	41.55
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	70.02
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	163.11

22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.

22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	31.77
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	39.75
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	67.50
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	100.61
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	245.32

22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

Note: Acid resistant. ASTM A518.

22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0328)*

22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	113.14	9.92
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	159.31	12.37
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	216.89	14.27
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	357.38	20.85
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	630.21	27.76
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,114.44	35.01
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,987.13	47.16
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	3,539.18	54.07

22 66 53 00-0338 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0328)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0339		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	450.13	84.49
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	589.21	92.96
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	958.82	111.23
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,437.24	137.74
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,298.97	223.09
22 66 53 00-0345		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	260.50	84.49
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	340.09	92.96
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	427.12	111.23
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,143.50	137.74
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,591.40	223.09
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,935.48	277.94
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	5,779.15	334.23
22 66 53 00-0353		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	260.50	84.49
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	340.09	92.96
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	427.12	111.23
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	838.61	137.74
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,197.27	223.09
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,210.99	277.94
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	4,552.71	334.23
22 66 53 00-0361		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	260.50	84.49
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	340.09	92.96
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	426.85	111.12
22 66 53 00-0365		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	357.18	84.49
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	633.83	92.96
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	709.70	111.23
22 66 53 00-0369		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	368.02	126.39
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	462.90	140.10
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	644.97	167.30
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,091.15	206.99
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,331.67	334.90
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	4,729.86	418.18
22 66 53 00-0376		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	345.28	121.15
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	403.26	130.07
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	450.97	134.63
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	516.65	148.68
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	553.50	153.36
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	608.52	157.93
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	771.12	179.12
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	855.52	183.72
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	957.40	192.18
22 66 53 00-0386		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0338)*		
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	420.01	126.39
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	506.95	139.77
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	693.25	167.30
22 66 53 00-0390		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0338)*		
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	397.29	121.15
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	496.53	135.30
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	598.76	153.81
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	642.68	158.37
22 66 53 00-0395		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	364.53	126.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	503.80	140.10
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	644.77	167.19
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,097.39	206.23
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	4,171.47	334.56
22 66 53 00-0401		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes *(22 66 53 00-0338)*		
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	374.99	121.15
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	403.21	130.07
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	426.12	135.41
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	475.75	148.68
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	494.27	153.58
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	594.35	158.37
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	811.74	179.33
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	963.34	183.72
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,005.74	192.18
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,453.42	269.90
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,648.97	278.83
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,239.16	293.10
22 66 53 00-0414		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends *(22 66 53 00-0338)*		
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	434.82	126.39
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	518.11	139.77
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	767.62	167.30
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,194.47	206.44
22 66 53 00-0419		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0338)*		
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	360.11	121.15
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	418.08	130.07
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	463.06	135.30
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	501.77	148.68
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	580.17	153.81
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	657.49	158.26
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	860.00	179.33
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,071.26	183.83
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,173.53	192.50
22 66 53 00-0429		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers *(22 66 53 00-0338)*		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	223.39	79.58
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	244.92	84.03
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	273.93	88.50
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	440.86	98.08
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	462.43	102.65
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	506.97	114.91
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	657.69	123.69
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	953.55	167.34
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,015.72	181.50
22 66 53 00-0439		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers *(22 66 53 00-0338)*		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	598.40	185.79
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	791.75	185.79
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	809.10	185.79
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	923.27	256.27
22 66 53 00-0444		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 66 53 00-0338)*		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	669.50	84.49
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	808.58	92.96
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	984.85	111.23
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	2,917.08	137.74
22 66 53 00-0449		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs *(22 66 53 00-0338)*		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	331.15	84.49
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	418.17	92.96
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	575.85	111.23
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	748.75	137.74
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,455.68	192.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0455		**Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0328)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	6.73	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	68.17	
22 66 53 00-0458		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0459		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0458)*		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	89.79	7.47
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	102.17	8.25
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	140.97	10.37
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	177.86	12.04
22 66 53 00-0464		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0458)*		
22 66 53 00-0465		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0464)*		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	330.44	59.18
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	356.86	66.87
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	489.83	73.79
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	591.08	89.17
22 66 53 00-0470		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	185.43	59.18
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	221.97	66.21
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	285.71	74.01
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	374.42	88.50
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	216.45	62.53
22 66 53 00-0476		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	185.43	59.18
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	221.97	66.21
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	285.71	74.01
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	374.42	88.50
22 66 53 00-0481		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	218.90	59.18
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	274.02	66.21
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	423.29	74.01
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	474.81	88.50
22 66 53 00-0486		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	211.46	59.18
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	251.72	66.21
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	389.82	74.01
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	441.35	88.50
22 66 53 00-0491		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	319.42	89.06
22 66 53 00-0493		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 66 53 00-0464)*		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	259.93	89.06
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	321.43	100.31
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	424.16	111.78
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	643.08	133.86
22 66 53 00-0498		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0464)*		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	300.89	96.52
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	367.95	104.10
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	392.06	107.77
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	419.91	118.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	462.21	122.26
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	501.23	125.94
22 66 53 00-0505		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	260.38	89.39
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	306.55	100.31
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	409.28	111.78
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	643.08	133.86
22 66 53 00-0510		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	290.48	97.08
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	356.77	103.98
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	373.96	108.12
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	420.46	119.25
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	463.22	122.93
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	490.54	126.28
22 66 53 00-0517		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	390.40	119.03
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	498.24	133.97
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	638.63	148.24
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	832.36	178.21
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	430.73	126.05
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	482.75	133.52
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	575.68	140.88
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	635.44	156.04
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	766.28	163.95
22 66 53 00-0527		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0464)*		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	434.95	119.03
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	512.85	133.74
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	736.58	149.02
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,029.71	178.43
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	467.85	126.05
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	612.84	133.52
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	646.25	140.88
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	691.16	155.93
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	880.68	163.29
22 66 53 00-0537		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	289.24	88.72
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	336.30	100.31
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	409.28	111.78
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	683.98	133.86
22 66 53 00-0542		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	319.57	96.64
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	357.20	104.33
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	388.83	108.12
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	528.29	119.25
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	541.31	122.93
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	605.81	126.28
22 66 53 00-0549		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	460.72	118.81
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	579.68	133.63
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	836.16	148.57
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,004.25	178.78
22 66 53 00-0554		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	501.32	126.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	601.66	133.41
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	627.66	140.88
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	698.59	155.93
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	880.68	163.29
22 66 53 00-0560		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0464)*		
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	217.39	63.19
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	245.26	66.87
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	288.01	78.02
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	341.65	74.12
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	362.08	77.80
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	382.50	81.48
22 66 53 00-0567		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0464)*		
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	200.71	52.05
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	233.25	58.85
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	274.61	66.65
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	500.95	81.14
22 66 53 00-0572		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0464)*		
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	89.01	29.65
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	105.40	33.10
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	114.96	37.00
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	148.18	44.24
22 66 53 00-0577		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0464)*		
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	367.10	58.85
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	378.13	66.21
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	467.91	74.01
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	597.51	88.50
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	511.28	63.30
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	704.62	70.66
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	853.13	78.02
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,061.40	92.96
22 66 53 00-0586		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0464)*		
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	684.47	67.21
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,081.91	74.34
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	713.81	66.87
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,081.91	74.34
22 66 53 00-0591		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0464)*		
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	635.73	66.87
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	747.27	74.34
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	736.12	66.87
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,621.04	74.34
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	962.92	74.34
22 66 53 00-0597		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0464)*		
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	263.92	59.52
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	345.70	66.87
22 66 53 00-0600		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0464)*		
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	133.80	44.58
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	247.19	48.37
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	180.26	55.73
22 66 53 00-0604		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0464)*		
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	251.30	63.42
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	275.00	66.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	306.61	70.55
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	328.62	77.80
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	306.66	70.66
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	323.34	74.34
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	349.04	81.48
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	395.89	78.02
22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	488.82	92.96
22 66 53 00-0614		Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0464)*		
22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	89.24	
22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	104.11	
22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	111.55	
22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	122.70	
22 66 53 00-0619		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings *(22 66 53 00-0464)*		
22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	658.08	29.76
22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	249.10	14.83
22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	464.75	14.83
22 66 53 00-0623		Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates *(22 66 53 00-0464)*		
22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	2,357.15	148.68
22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	2,911.14	156.15
22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	1,963.17	14.83
22 66 53 00-0627		Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618) *(22 66 53)*		
22 66 53 00-0628		Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe *(22 66 53 00-0627)*		
		Note: Excludes fittings or hangers.		
22 66 53 00-0629	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	13.55	4.68
22 66 53 00-0630	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	17.25	5.57
22 66 53 00-0631	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	28.06	8.02
22 66 53 00-0632	LF	4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	35.81	8.69
22 66 53 00-0633	LF	6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	57.59	10.98
22 66 53 00-0634	LF	8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	126.60	14.60
22 66 53 00-0635		Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings *(22 66 53 00-0627)*		
22 66 53 00-0636		Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends *(22 66 53 00-0635)*		
22 66 53 00-0637	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	53.08	18.62
		Note: 0.125		
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0638	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	66.98	23.74
		Note: 0.16		
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0639	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	101.12	31.87
		Note: 0.215		
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0640	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	140.37	37.11
		Note: 0.25		
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0641	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	291.47	48.26
		Note: 0.325		
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0642	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	402.81	64.98
		Note: 0.438		
		For Work In Restricted Working Space, Add	*29.26*	
22 66 53 00-0643		Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends *(22 66 53 00-0635)*		
22 66 53 00-0644	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	53.95	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0645	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	71.22	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0646	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	108.77	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0647	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	143.17	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0648		Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends *(22 66 53 00-0635)*		
22 66 53 00-0649	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	52.64	18.62
		For Work In Restricted Working Space, Add	*8.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0650	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	65.84	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0651	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	103.31	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0652	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	118.51	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0653	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	255.79	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0654	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	361.90	64.98
		For Work In Restricted Working Space, Add	*29.26*	

22 66 53 00-0655 Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends *(22 66 53 00-0635)*

22 66 53 00-0656	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	53.13	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0657	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	65.80	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0658	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	102.40	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0659	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	125.63	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0660	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	212.20	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0661	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	241.63	64.98
		For Work In Restricted Working Space, Add	*29.26*	

22 66 53 00-0662 Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends *(22 66 53 00-0635)*

22 66 53 00-0663	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	278.63	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0664	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	215.21	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0665	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	134.32	27.86
		For Work In Restricted Working Space, Add	*12.54*	

22 66 53 00-0666 Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees *(22 66 53 00-0635)*

22 66 53 00-0667	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	73.12	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0668	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	91.02	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0669	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	146.98	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0670	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	196.07	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0671	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	483.59	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 66 53 00-0672	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	668.73	97.41
		For Work In Restricted Working Space, Add	*43.89*	

22 66 53 00-0673 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees *(22 66 53 00-0635)*

22 66 53 00-0674	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	83.15	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 66 53 00-0675	EA	2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	88.75	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 66 53 00-0676	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	87.05	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 66 53 00-0677	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	127.04	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 66 53 00-0678	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	135.84	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 66 53 00-0679	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	174.06	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 66 53 00-0680	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	184.69	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 66 53 00-0681	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	362.85	66.76
		For Work In Restricted Working Space, Add	*30.09*	
22 66 53 00-0682	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	810.02	83.48
		For Work In Restricted Working Space, Add	*37.62*	

22 66 53 00-0683 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees *(22 66 53 00-0635)*

22 66 53 00-0684	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	102.93	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0685	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	126.99	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 66 53 00-0686	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	170.28	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 66 53 00-0687	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	210.79	74.23
		For Work In Restricted Working Space, Add	*33.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 66 53 00-0688 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees *(22 66 53 00-0635)*

22 66 53 00-0689	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	125.70	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 66 53 00-0690	EA	3" x 3" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	150.10	50.49
		For Work In Restricted Working Space, Add	*22.74*	
22 66 53 00-0691	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	188.20	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0692	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	172.11	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 66 53 00-0693	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	192.78	68.99
		For Work In Restricted Working Space, Add	*31.10*	

22 66 53 00-0694 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers *(22 66 53 00-0635)*

22 66 53 00-0695	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	70.31	21.17
		For Work In Restricted Working Space, Add	*9.53*	
22 66 53 00-0696	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	78.59	25.18
		For Work In Restricted Working Space, Add	*11.37*	
22 66 53 00-0697	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	123.20	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0698	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	135.15	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 66 53 00-0699	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	149.42	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 66 53 00-0700	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	200.14	40.12
		For Work In Restricted Working Space, Add	*18.05*	
22 66 53 00-0701	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	229.12	42.69
		For Work In Restricted Working Space, Add	*19.22*	

22 66 53 00-0702 Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings *(22 66 53 00-0635)*

22 66 53 00-0703	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	52.76	21.17
		For Work In Restricted Working Space, Add	*9.53*	
22 66 53 00-0704	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	60.10	25.18
		For Work In Restricted Working Space, Add	*11.37*	
22 66 53 00-0705	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	66.00	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0706	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	99.42	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 66 53 00-0707	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	106.78	34.55
		For Work In Restricted Working Space, Add	*15.55*	
22 66 53 00-0708	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	161.01	40.12
		For Work In Restricted Working Space, Add	*18.05*	
22 66 53 00-0709	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	160.24	42.69
		For Work In Restricted Working Space, Add	*19.22*	
22 66 53 00-0710	EA	8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	426.18	51.05
		For Work In Restricted Working Space, Add	*23.01*	
22 66 53 00-0711	EA	8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	449.65	56.61
		For Work In Restricted Working Space, Add	*25.51*	

22 66 53 00-0712 Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps *(22 66 53 00-0635)*

22 66 53 00-0713	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	90.98	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0714	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	122.11	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0715	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	196.44	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0716	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	304.97	55.73
		For Work In Restricted Working Space, Add	*25.08*	

22 66 53 00-0717 Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes *(22 66 53 00-0635)*

22 66 53 00-0718	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	73.73	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0719	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	98.29	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0720	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	151.73	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0721	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	199.96	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0722	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	404.10	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 66 53 00-0723	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	467.85	97.41
		For Work In Restricted Working Space, Add	*43.89*	

22 66 53 00-0724 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes *(22 66 53 00-0635)*

22 66 53 00-0725	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	80.61	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 66 53 00-0726	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	94.39	32.99
		For Work In Restricted Working Space, Add	*14.88*	

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22 66 53 00-0727	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	130.60	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 66 53 00-0728	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	140.18	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 66 53 00-0729	EA	4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	143.54	46.37
		For Work In Restricted Working Space, Add	*20.90*	
22 66 53 00-0730	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	180.67	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 66 53 00-0731	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	191.40	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 66 53 00-0732	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	292.15	66.76
		For Work In Restricted Working Space, Add	*30.09*	
22 66 53 00-0733	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	348.86	83.48
		For Work In Restricted Working Space, Add	*37.62*	
22 66 53 00-0734	EA	8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	382.45	89.06
		For Work In Restricted Working Space, Add	*40.12*	

22 66 53 00-0735 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes *(22 66 53 00-0635)*

22 66 53 00-0736	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	115.65	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0737	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	134.67	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 66 53 00-0738	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	210.35	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 66 53 00-0739	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	372.66	74.23
		For Work In Restricted Working Space, Add	*33.44*	
22 66 53 00-0740	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	599.15	96.52
		For Work In Restricted Working Space, Add	*43.47*	

22 66 53 00-0741 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes *(22 66 53 00-0635)*

22 66 53 00-0742	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	158.58	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 66 53 00-0743	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	200.54	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0744	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	335.04	68.99
		For Work In Restricted Working Space, Add	*31.10*	
22 66 53 00-0745	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	489.77	85.38
		For Work In Restricted Working Space, Add	*38.45*	

22 66 53 00-0746 Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0747	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	83.49	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0748	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	109.13	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0749	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	160.70	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0750	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	209.73	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0751	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	449.60	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 66 53 00-0752	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	773.60	97.41
		For Work In Restricted Working Space, Add	*43.89*	

22 66 53 00-0753 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0754	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	80.38	30.43
		For Work In Restricted Working Space, Add	*13.71*	
22 66 53 00-0755	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	99.69	32.99
		For Work In Restricted Working Space, Add	*14.88*	
22 66 53 00-0756	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	135.74	41.23
		For Work In Restricted Working Space, Add	*18.56*	
22 66 53 00-0757	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	145.78	43.80
		For Work In Restricted Working Space, Add	*19.73*	
22 66 53 00-0758	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	184.37	49.04
		For Work In Restricted Working Space, Add	*22.07*	
22 66 53 00-0759	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	195.95	53.06
		For Work In Restricted Working Space, Add	*23.91*	
22 66 53 00-0760	EA	6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	354.47	64.19
		For Work In Restricted Working Space, Add	*28.92*	
22 66 53 00-0761	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	368.31	66.76
		For Work In Restricted Working Space, Add	*30.09*	

22 66 53 00-0762 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0763	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	123.42	37.11
		For Work In Restricted Working Space, Add	*16.72*	

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22 66 53 00-0764	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	181.30	47.48
		For Work In Restricted Working Space, Add	*21.40*	
22 66 53 00-0765	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	284.86	63.86
		For Work In Restricted Working Space, Add	*28.76*	
22 66 53 00-0766	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	469.62	74.23
		For Work In Restricted Working Space, Add	*33.44*	
22 66 53 00-0767	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	643.97	96.52
		For Work In Restricted Working Space, Add	*43.47*	

22 66 53 00-0768 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0769	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	158.59	42.35
		For Work In Restricted Working Space, Add	*19.06*	
22 66 53 00-0770	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	242.04	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0771	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	289.82	60.86
		For Work In Restricted Working Space, Add	*27.42*	
22 66 53 00-0772	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	302.08	68.99
		For Work In Restricted Working Space, Add	*31.10*	
22 66 53 00-0773	EA	6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	379.53	80.13
		For Work In Restricted Working Space, Add	*36.11*	
22 66 53 00-0774	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	423.93	85.38
		For Work In Restricted Working Space, Add	*38.45*	

22 66 53 00-0775 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug *(22 66 53 00-0635)*

22 66 53 00-0776	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	79.11	27.86
		For Work In Restricted Working Space, Add	*12.54*	
22 66 53 00-0777	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	94.71	35.66
		For Work In Restricted Working Space, Add	*16.05*	
22 66 53 00-0778	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	158.30	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 66 53 00-0779	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	201.27	55.73
		For Work In Restricted Working Space, Add	*25.08*	
22 66 53 00-0780	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	426.48	72.33
		For Work In Restricted Working Space, Add	*32.60*	
22 66 53 00-0781	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	19.58	9.25
		For Work In Restricted Working Space, Add	*4.18*	
22 66 53 00-0782	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	24.01	11.81
		For Work In Restricted Working Space, Add	*5.35*	
22 66 53 00-0783	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	34.74	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 66 53 00-0784	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	39.94	18.50
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0785	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	64.41	24.07
		For Work In Restricted Working Space, Add	*10.87*	

22 66 53 00-0786 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug *(22 66 53 00-0635)*

22 66 53 00-0787	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	44.17	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0788	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	54.89	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0789	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	83.41	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0790	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	116.77	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0791	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	178.03	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0792	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	307.78	64.98
		For Work In Restricted Working Space, Add	*29.29*	

22 66 53 00-0793 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 66 53 00-0635)*

22 66 53 00-0794	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	47.56	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 66 53 00-0795	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	60.25	23.74
		For Work In Restricted Working Space, Add	*10.70*	
22 66 53 00-0796	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Couplings	79.38	31.87
		For Work In Restricted Working Space, Add	*14.38*	
22 66 53 00-0797	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Couplings	100.50	37.11
		For Work In Restricted Working Space, Add	*16.72*	
22 66 53 00-0798	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Couplings	143.40	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 66 53 00-0799	EA	8" Chlorinated Polyvinyl Chloride (CPVC) Couplings	288.99	64.98
		For Work In Restricted Working Space, Add	*29.29*	

22 66 53 00-0800 Chlorinated Polyvinyl Chloride (CPVC) Female Adapters *(22 66 53 00-0635)*

22 66 53 00-0801	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	29.44	9.25
22 66 53 00-0802	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	38.95	11.93
22 66 53 00-0803	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	58.79	15.94

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22 66 53 00-0804	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	94.82	18.62
22 66 53 00-0805	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	148.39	24.07
22 66 53 00-0806		Chlorinated Polyvinyl Chloride (CPVC) Male Adapters *(22 66 53 00-0635)*		
22 66 53 00-0807	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	32.50	9.25
22 66 53 00-0808	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	45.69	11.93
22 66 53 00-0809	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	54.46	15.94
22 66 53 00-0810	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	91.44	18.62
22 66 53 00-0811	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	122.05	24.07
22 66 53 00-0812		Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 66 53 00-0635)*		
22 66 53 00-0813	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	29.26	9.25
22 66 53 00-0814	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	36.17	11.93
22 66 53 00-0815	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	55.64	15.94
22 66 53 00-0816	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	92.44	18.62
22 66 53 00-0817	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	118.06	24.07
22 66 53 00-0818	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	183.77	32.54
22 66 70		**Healthcare Chemical-Waste and Vent Piping** *(22 66)*		
22 66 70 00-0001		Hemo-Dyalisis Supply And Waste Box *(22 66 70)*		
22 66 70 00-0002	EA	Stainless Steel Recessed Dialysis Supply And Waste Box With One Valve	1,664.44	60.50
22 66 70 00-0003	EA	Stainless Steel Recessed Dialysis Supply And Waste Box With Two Valves	1,883.74	60.50
22 66 83		**Chemical-Waste Tanks** *(22 66)*		
22 66 83 16		**Chemical-Waste Neutralization Tanks** *(22 66 83)*		
22 66 83 16-0001		Acid Neutralization Tank *(22 66 83 16)*		
22 66 83 16-0002		Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	587.78	226.90
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	1,077.24	314.63
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,332.45	453.79
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,707.99	605.05
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,199.41	726.06
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	3,019.07	907.57
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,473.73	1,134.47
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,525.02	1,361.36
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	5,125.77	1,633.63
22 66 83 16-0012		Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	987.13	226.90
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,709.54	314.63
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,725.33	453.79
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,591.20	605.05
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,548.24	726.06
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	5,172.70	907.57
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,617.86	1,134.47
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	8,268.94	1,361.36
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,919.60	1,633.63
22 66 83 16-0022		Chemical Dilution Trap *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	535.14	75.63
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	552.62	75.63
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	570.09	75.63
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	623.45	90.76
22 67		**Processed Water Systems for Laboratory and Healthcare Facilities** *(22 60)*		
22 67 13		**Processed Water Piping for Laboratory and Healthcare Facilities** *(22 67)*		
22 67 13 53		**Laboratory Water Piping** *(22 67 13)*		
22 67 13 53-0001		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
22 67 13 53-0002		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe *(22 67 13 53-0001)*		
22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	12.79	3.23
		For Work In Restricted Working Space, Add	*1.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	16.10	4.01
		For Work In Restricted Working Space, Add	*1.79*	
22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	21.00	4.23
		For Work In Restricted Working Space, Add	*1.91*	
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	33.92	4.68
		For Work In Restricted Working Space, Add	*2.09*	
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	45.77	5.57
		For Work In Restricted Working Space, Add	*2.51*	
22 67 13 53-0008		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows** *(22 67 13 53-0001)*		
22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	48.21	11.93
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	59.10	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	70.57	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	111.98	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	137.86	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0014		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows** *(22 67 13 53-0001)*		
22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	48.21	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	59.10	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	70.57	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	112.71	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	137.86	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0020		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees** *(22 67 13 53-0001)*		
22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	64.85	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	76.81	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	94.41	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	157.70	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	205.19	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 67 13 53-0026		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees** *(22 67 13 53-0001)*		
22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	151.09	22.29
		For Work In Restricted Working Space, Add	*10.03*	
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	177.90	25.97
		For Work In Restricted Working Space, Add	*11.70*	
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	186.96	28.20
		For Work In Restricted Working Space, Add	*12.70*	
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	234.22	40.12
		For Work In Restricted Working Space, Add	*18.06*	
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	282.07	53.50
		For Work In Restricted Working Space, Add	*24.08*	
22 67 13 53-0032		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts** *(22 67 13 53-0001)*		
22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	65.70	14.16
		For Work In Restricted Working Space, Add	*6.35*	
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	78.45	16.38
		For Work In Restricted Working Space, Add	*7.36*	
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	89.14	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	121.68	22.29
		For Work In Restricted Working Space, Add	*10.03*	
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	129.12	24.52
		For Work In Restricted Working Space, Add	*11.04*	
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	133.79	25.97
		For Work In Restricted Working Space, Add	*11.70*	
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	201.68	36.44
		For Work In Restricted Working Space, Add	*16.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0040		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	56.79	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	70.95	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0043	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	83.65	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0044	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	120.97	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0045	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	159.87	40.12
		For Work In Restricted Working Space, Add	*18.06*	
22 67 13 53-0046		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0047	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	56.79	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0048	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	70.95	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0049	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	83.65	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0050	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	120.97	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0051	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	158.29	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0052		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings** *(22 67 13 53-0001)*		
22 67 13 53-0053	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	36.77	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0054	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	49.71	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0055	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	63.22	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0056	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	98.91	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0057	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	132.14	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0058		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions** *(22 67 13 53-0001)*		
22 67 13 53-0059	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	158.41	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0060	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	172.82	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 67 13 53-0061	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	200.22	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0062	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	348.89	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0063	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	486.26	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 67 13 53-0064		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps** *(22 67 13 53-0001)*		
22 67 13 53-0065	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	44.39	12.21
		For Work In Restricted Working Space, Add	*5.47*	
22 67 13 53-0066	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	54.20	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0067	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	63.22	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0068	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	99.72	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0069	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	132.14	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0070		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flanges** *(22 67 13 53-0001)*		
22 67 13 53-0071	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flange	78.74	20.06
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0072	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flange	91.11	23.74
		For Work In Restricted Working Space, Add	*10.79*	
22 67 13 53-0073	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flange	111.81	31.99
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0074	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flange	169.14	48.37
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0075	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 Lb. Flange	201.93	59.52
		For Work In Restricted Working Space, Add	*26.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0076		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
22 67 13 53-0077		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe *(22 67 13 53-0076)*		
22 67 13 53-0078	LF	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	14.45	3.23
		For Work In Restricted Working Space, Add	*1.43*	
22 67 13 53-0079	LF	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	18.45	4.01
		For Work In Restricted Working Space, Add	*1.79*	
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	23.92	4.23
		For Work In Restricted Working Space, Add	*1.91*	
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	30.17	4.68
		For Work In Restricted Working Space, Add	*2.09*	
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	41.27	5.57
		For Work In Restricted Working Space, Add	*2.51*	
22 67 13 53-0083		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0076)*		
22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	50.22	11.93
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	64.46	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	80.33	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	116.04	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	153.21	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0089		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0076)*		
22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	49.85	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	64.65	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	80.52	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	118.66	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	153.21	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0095		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees *(22 67 13 53-0076)*		
22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	68.15	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	81.32	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	100.85	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	152.14	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	195.64	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 67 13 53-0101		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees *(22 67 13 53-0076)*		
22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	80.67	22.29
		For Work In Restricted Working Space, Add	*10.03*	
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	99.73	25.97
		For Work In Restricted Working Space, Add	*11.70*	
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	103.07	28.20
		For Work In Restricted Working Space, Add	*12.70*	
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	147.54	40.12
		For Work In Restricted Working Space, Add	*18.06*	
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	189.91	53.50
		For Work In Restricted Working Space, Add	*24.08*	
22 67 13 53-0107		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts *(22 67 13 53-0076)*		
22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	57.72	14.16
		For Work In Restricted Working Space, Add	*6.35*	
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	65.38	16.38
		For Work In Restricted Working Space, Add	*7.36*	
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	68.72	18.62
		For Work In Restricted Working Space, Add	*8.36*	
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	90.05	22.29
		For Work In Restricted Working Space, Add	*10.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	93.40	24.52
		For Work In Restricted Working Space, Add	*11.04*	
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	95.62	25.97
		For Work In Restricted Working Space, Add	*11.70*	
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	133.34	36.44
		For Work In Restricted Working Space, Add	*16.38*	
22 67 13 53-0115		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters** *(22 67 13 53-0076)*		
22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	50.22	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0117	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	63.33	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0118	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	74.52	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0119	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	101.79	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0120	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	144.92	40.12
		For Work In Restricted Working Space, Add	*18.06*	
22 67 13 53-0121		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters** *(22 67 13 53-0076)*		
22 67 13 53-0122	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	50.22	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0123	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	63.33	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0124	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	74.52	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0125	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	101.79	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0126	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	144.97	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0127		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings** *(22 67 13 53-0076)*		
22 67 13 53-0128	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	47.03	12.04
		For Work In Restricted Working Space, Add	*5.39*	
22 67 13 53-0129	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	59.59	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0130	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	70.40	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	101.04	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	130.35	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0133		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions** *(22 67 13 53-0076)*		
22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	159.06	
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	184.04	23.96
		For Work In Restricted Working Space, Add	*10.79*	
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	222.51	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	366.20	47.92
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	477.19	59.52
		For Work In Restricted Working Space, Add	*26.75*	
22 67 13 53-0139		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps** *(22 67 13 53-0076)*		
22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	47.29	12.21
		For Work In Restricted Working Space, Add	*5.47*	
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	59.59	15.94
		For Work In Restricted Working Space, Add	*7.19*	
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	70.21	19.84
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	101.41	31.65
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	130.35	40.23
		For Work In Restricted Working Space, Add	*18.07*	
22 67 13 53-0145		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flanges** *(22 67 13 53-0076)*		
22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flange	91.95	20.06
		For Work In Restricted Working Space, Add	*8.92*	
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flange	105.69	23.74
		For Work In Restricted Working Space, Add	*10.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flange	127.28	31.99
		For Work In Restricted Working Space, Add	*14.23*	
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flange	182.88	48.37
		For Work In Restricted Working Space, Add	*21.57*	
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 Lb. Flange	227.88	59.52
		For Work In Restricted Working Space, Add	*26.75*	

END OF SECTION 22

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Professional Certification For Hospital *(23 01 10 91)*

23 01 10 91-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	194.66	

23 01 10 91-0003 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	559.17	
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	798.80	
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	839.35	
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	926.19	
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,677.66	
23 01 10 91-0009	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	752.26	
23 01 10 91-0010	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,081.67	
23 01 10 91-0011	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,147.08	
23 01 10 91-0012	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,509.44	
23 01 10 91-0013	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	2,339.75	
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	895.11	
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,321.96	
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	3,044.20	
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	4,764.50	
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	8,959.16	

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

See CSI section 22 01 10 61-0001 for pipe repair clamps, 22 01 10 61-0074 for repair and tape HVAC pipe insulation seam.

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	30.25	
23 01 20 91-0003	EA	>1" To 3" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	36.31	
23 01 20 91-0004	EA	>3" To 6" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	42.36	
23 01 20 91-0005	EA	>6" To 10" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	48.41	
23 01 20 91-0006	EA	>10" To 14" Diameter Valve, Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	60.50	
23 01 20 91-0007	EA	Lock Out Padlock	12.10	
23 01 20 91-0008	EA	Lock Out Tags	5.14	

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Diameter Pipe, Freeze Pipe Using CO2 Kit	384.27	

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	696.78	
23 01 20 91-0013	EA	Up To 1" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	378.14	
23 01 20 91-0014	EA	>1" To 1-1/2" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	841.75	
23 01 20 91-0015	EA	>1" To 1-1/2" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	436.43	
23 01 20 91-0016	EA	>1-1/2" To 2" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,151.98	
23 01 20 91-0017	EA	>1-1/2" To 2" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	494.89	
23 01 20 91-0018	EA	>2" To 3" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,313.45	
23 01 20 91-0019	EA	>2" To 3" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	581.23	
23 01 20 91-0020	EA	>3" To 4" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,912.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0021	EA	>3" To 4" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	671.24	
23 01 20 91-0022	EA	>4" To 6" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	3,903.09	
23 01 20 91-0023	EA	>4" To 6" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	876.81	
23 01 20 91-0024	EA	>6" To 8" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	5,192.52	
23 01 20 91-0025	EA	>6" To 8" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,283.78	
23 01 20 91-0026	EA	>8" To 10" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,155.79	
23 01 20 91-0027	EA	>8" To 10" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,744.64	
23 01 20 91-0028	EA	>10" To 12" Diameter, Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	9,205.39	
23 01 20 91-0029	EA	>10" To 12" Diameter, Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,258.81	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.93	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 2,000, Deduct	*-0.36*	
		For >2,000, Deduct	*-0.55*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.61	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 2,000, Deduct	*-0.48*	
		For >2,000, Deduct	*-0.73*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.96	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 2,000, Deduct	*-0.72*	
		For >2,000, Deduct	*-1.10*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.36	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 2,000, Deduct	*-0.96*	
		For >2,000, Deduct	*-1.46*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	6.50	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 2,000, Deduct	*-1.15*	
		For >2,000, Deduct	*-1.75*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	8.17	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 2,000, Deduct	*-1.44*	
		For >2,000, Deduct	*-2.19*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	10.84	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 2,000, Deduct	*-1.92*	
		For >2,000, Deduct	*-2.93*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	13.00	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 2,000, Deduct	*-2.30*	
		For >2,000, Deduct	*-3.51*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	253.82	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	191.31	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	239.13	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	341.33	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	409.01	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	511.26	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	664.65	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.33	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	398.39	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	568.98	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	681.75	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	852.19	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	1,107.85	
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.56	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	557.76	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	796.59	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	954.46	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,193.07	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,551.00	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.78	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	766.91	
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	1,095.30	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,163.54	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,454.42	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,890.75	
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.94	
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	1,035.33	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,478.65	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,570.78	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,963.47	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,552.52	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.28	

23 01 20 91-0073 Special Cleaning Of Piping Systems *(23 01 20 91)*

23 01 20 91-0074 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*

23 01 20 91-0075	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.30	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 2,000, Deduct	*-0.41*	
		For >2,000, Deduct	*-0.63*	
23 01 20 91-0076	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.75	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 2,000, Deduct	*-0.66*	
		For >2,000, Deduct	*-1.01*	
23 01 20 91-0077	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.22	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 2,000, Deduct	*-0.91*	
		For >2,000, Deduct	*-1.39*	
23 01 20 91-0078	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	6.73	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 2,000, Deduct	*-1.17*	
		For >2,000, Deduct	*-1.79*	
23 01 20 91-0079	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	9.39	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 2,000, Deduct	*-1.64*	
		For >2,000, Deduct	*-2.51*	

23 01 20 91-0080 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*

23 01 20 91-0081	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	2.38	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 2,000, Deduct	*-0.41*	
		For >2,000, Deduct	*-0.63*	
23 01 20 91-0082	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	3.84	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 2,000, Deduct	*-0.66*	
		For >2,000, Deduct	*-1.01*	
23 01 20 91-0083	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	5.35	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 2,000, Deduct	*-0.91*	
		For >2,000, Deduct	*-1.39*	
23 01 20 91-0084	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.93	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 2,000, Deduct	*-1.17*	
		For >2,000, Deduct	*-1.79*	
23 01 20 91-0085	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	9.65	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 2,000, Deduct	*-1.64*	
		For >2,000, Deduct	*-2.51*	

23 01 20 91-0086 Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*

23 01 20 91-0087	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.40	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 2,000, Deduct	*-0.41*	
		For >2,000, Deduct	*-0.63*	
23 01 20 91-0088	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	3.88	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 2,000, Deduct	*-0.66*	
		For >2,000, Deduct	*-1.01*	
23 01 20 91-0089	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	5.41	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 2,000, Deduct	*-0.91*	
		For >2,000, Deduct	*-1.39*	
23 01 20 91-0090	LF	>3" To 4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	7.00	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 2,000, Deduct	*-1.17*	
		For >2,000, Deduct	*-1.79*	
23 01 20 91-0091	LF	>4" To 6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	9.75	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 2,000, Deduct	*-1.64*	
		For >2,000, Deduct	*-2.51*	

23 01 20 91-0092 Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*

23 01 20 91-0093	EA	1/2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	403.13	
23 01 20 91-0094	EA	3/4" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	507.89	
23 01 20 91-0095	EA	1" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	705.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0096	EA	1-1/4" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,081.78	
23 01 20 91-0097	EA	1-1/2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,336.55	
23 01 20 91-0098	EA	2" Diameter, Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	2,022.21	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.12	
		For Exhaust Ductwork, Add	*1.03*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	5.17	
		For Exhaust Ductwork, Add	*1.29*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	6.93	
		For Exhaust Ductwork, Add	*1.73*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	9.82	
		For Exhaust Ductwork, Add	*2.46*	
23 01 30 51-0006	SF	Clean Exposed Exterior Of Metal Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	0.60	
23 01 30 51-0007	LF	Clean Supply/Return Shafts	12.20	
23 01 30 51-0008	EA	Clean Floor Transition	9.82	
23 01 30 51-0009	SF	Clean Duct Dampers	13.86	
23 01 30 51-0010	SF	Clean Duct Fire Dampers	27.73	
23 01 30 51-0011	SF	Clean Louver	11.09	
23 01 30 51-0012	EA	Clean Turning Vane Set	33.27	
23 01 30 51-0013	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	33.27	
23 01 30 51-0014	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	8.31	
23 01 30 51-0015	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	113.68	
		For Stainless Steel, Add	*68.16*	
23 01 30 51-0016	EA	Clean Variable Air Volume (VAV) Unit	99.80	
23 01 30 51-0017	EA	Clean Fan Powered Induction Unit (PIU) Unit	133.07	
23 01 30 51-0018	EA	Clean (FCU) Fan Coil Unit	133.07	
23 01 30 51-0019	EA	Clean Packaged Terminal Air Conditioning Unit	133.07	
23 01 30 51-0020	EA	Clean Supply Or Return Fan	266.14	
23 01 30 51-0021	EA	Clean Exhaust Fan	232.87	
23 01 30 51-0022	EA	Clean Duct Coil	199.60	
23 01 30 51-0023	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	6.65	
23 01 30 51-0024	EA	Clean Air Handling Unit Fan	266.14	
23 01 30 51-0025	EA	Clean Air Handling Unit Coil	399.21	
23 01 30 51-0026	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.60	
23 01 30 51-0027	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	4.27	
23 01 30 51-0028	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.79	
23 01 30 51-0029	EA	Minimum Set-up Charge For Cleaning Of Ductwork Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	959.21	
23 01 30 51-0030	SF	Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.60	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair, Taping And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.19	

23 01 30 61-0003 Temporary Duct Seal To Restrict Airflow *(23 01 30 61)*

Note: Includes inserting temporary seal in duct at access door, filling with air and removal after use. Excludes installing new acess door in ductwork or reworking ductwork. See CSI section 23 01 30 61-0022 for rework ductwork, 23 33 33 00-0000 for access doors.

23 01 30 61-0004	EA	4" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	35.44	
23 01 30 61-0005	EA	6" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	38.98	
23 01 30 61-0006	EA	8" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	44.30	
23 01 30 61-0007	EA	10" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	48.48	
23 01 30 61-0008	EA	12" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	53.23	
23 01 30 61-0009	EA	16" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	59.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 61-0010	EA	20" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	65.79	
23 01 30 61-0011	EA	24" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	71.78	
23 01 30 61-0012	EA	28" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	75.71	
23 01 30 61-0013	EA	30" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	81.80	
23 01 30 61-0014	EA	33" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	86.57	
23 01 30 61-0015	EA	36" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	92.43	
23 01 30 61-0016	EA	39" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	102.92	
23 01 30 61-0017	EA	42" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	112.12	
23 01 30 61-0018	EA	45" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	123.05	
23 01 30 61-0019	EA	48" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	133.44	
23 01 30 61-0020	EA	54" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	167.07	
23 01 30 61-0021	EA	60" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	206.44	

23 01 30 61-0022 Rework Sheet Metal Ductwork *(23 01 30 61)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 01 30 61-0023	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	35.31	
23 01 30 61-0024	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	68.85	
23 01 30 61-0025	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	90.98	
23 01 30 61-0026	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	113.93	
23 01 30 61-0027	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	158.90	
23 01 30 61-0028	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	185.38	
23 01 30 61-0029	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	211.87	
23 01 30 61-0030	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	238.34	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Set-up And Maintenance For Boiler Repairs *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,701.89	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,946.02	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*670.19*	
23 01 50 61-0005	EA	Set-up Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,602.52	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,801.26	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,602.52	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	112.58	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	337.73	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	13.14	

23 01 50 61-0011 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	270.18	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	337.74	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	472.82	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	11.65	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	13.61	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	15.60	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	22.71	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	26.72	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	34.44	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	33.77	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	50.66	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	67.54	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	84.44	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	101.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	118.21	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	101.32	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	135.10	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	168.87	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	202.65	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	236.41	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	270.18	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	406.48	
23 01 50 61-0034		Cast Iron Boiler Section Replacement *(23 01 50 61-0001)*		
23 01 50 61-0035	EA	Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,938.17	
23 01 50 61-0036	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	2,006.82	
23 01 50 61-0037	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,551.01	
23 01 50 61-0038	EA	Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler	5,381.32	
23 01 50 61-0039	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,939.73	
23 01 50 61-0040	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	4,640.79	
23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	8,693.44	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	6,719.95	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	7,286.43	
23 01 50 61-0044		Cast Iron Grate Replacement *(23 01 50 61-0001)*		
23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	149.94	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,233.41	
23 01 50 61-0047	EA	Removal And Replacement Of Stay Bolt	55.90	
23 01 50 61-0048		Replacement Or Conversion Of Boiler Burners *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0049	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	11,006.87	1,188.03
23 01 50 61-0050	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	15,907.36	1,470.87
23 01 50 61-0051	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	18,784.83	1,781.93
23 01 50 61-0052	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	22,178.92	1,918.30
23 01 50 61-0053		Video Inspection Of Boiler Tubing *(23 01 50 61-0001)*		
23 01 50 61-0054	EA	Initial Set-up And Final Equipment Removal For Boiler Tubing Video Camera Inspection	523.74	
23 01 50 61-0055	LF	Boiler Tubing Inspection	0.63	
23 01 50 61-0056		Boiler And Chiller Water Treatment *(23 01 50 61)* Note: 3 Lb. chemical per 50 gallon system water.		
23 01 50 61-0057	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.74	
23 01 50 61-0058	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.62	
23 01 50 61-0059	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	163.43	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 61 Central Cooling Equipment Repair *(23 01 60)*

23 01 60 61-0001		Cooling Tower Repairs *(23 01 60 61)*		
23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade	3,611.37	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade	4,260.60	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade	4,905.07	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade	5,798.36	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade	6,393.09	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade	3,984.65	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade	4,439.56	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade	5,221.48	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade	5,956.00	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade	6,564.96	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan	991.68	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan	1,028.90	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan	1,099.31	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan	1,281.07	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan	1,588.39	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan	2,149.25	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan	2,259.92	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan	2,425.93	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread)	42.26	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill	25.25	

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001 Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*
See CSI section 23 01 60 71-0005 for flushing pipe with nitrogen and vacuum removal of inert gases.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 60 71-0002	LB	Recovery Of Refrigerant	12.80	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	24.01	
23 01 60 71-0004	LB	Recharging Of Refrigerant Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units. See CSI section 23 23 23 00-0000 for refrigerants.	10.79	
23 01 60 71-0005		Flush And Cleaning Of Refrigerant Piping Systems With Nitrogen *(23 01 60 71)* Note: Includes vacuum of nitrogen from pipe.		
23 01 60 71-0006	EA	Up To 100', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	130.86	
23 01 60 71-0007	EA	>100 To 250', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	167.45	
23 01 60 71-0008	EA	>250 To 500', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	210.71	
23 01 60 71-0009	EA	>500 To 1,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	270.70	
23 01 60 71-0010	EA	>1,000 To 2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	358.83	
23 01 60 71-0011	LF	>2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.20	
23 01 60 71-0012	EA	Up To 100', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	179.18	
23 01 60 71-0013	EA	>100 To 250', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	229.44	
23 01 60 71-0014	EA	>250 To 500', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	288.72	
23 01 60 71-0015	EA	>500 To 1,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	371.44	
23 01 60 71-0016	EA	>1,000 To 2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	493.06	
23 01 60 71-0017	LF	>2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.27	
23 01 60 71-0018	EA	Up To 100', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	227.75	
23 01 60 71-0019	EA	>100 To 250', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	291.88	
23 01 60 71-0020	EA	>250 To 500', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	367.75	
23 01 60 71-0021	EA	>500 To 1,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	473.72	
23 01 60 71-0022	EA	>1,000 To 2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	631.29	
23 01 60 71-0023	LF	>2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.36	
23 01 60 71-0024	EA	Up To 100', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	261.14	
23 01 60 71-0025	EA	>100 To 250', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	338.10	
23 01 60 71-0026	EA	>250 To 500', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	429.09	
23 01 60 71-0027	EA	>500 To 1,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	557.40	
23 01 60 71-0028	EA	>1,000 To 2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	758.01	
23 01 60 71-0029	LF	>2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.41	
23 01 60 71-0030	EA	Up To 100', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	310.33	
23 01 60 71-0031	EA	>100 To 250', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	402.20	
23 01 60 71-0032	EA	>250 To 500', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	557.91	
23 01 60 71-0033	EA	>500 To 1,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	664.07	
23 01 60 71-0034	EA	>1,000 To 2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	904.94	
23 01 60 71-0035	LF	>2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.49	
23 01 60 71-0036	EA	Up To 100', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	353.95	
23 01 60 71-0037	EA	>100 To 250', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	459.04	
23 01 60 71-0038	EA	>250 To 500', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	583.51	
23 01 60 71-0039	EA	>500 To 1,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	759.48	
23 01 60 71-0040	EA	>1,000 To 2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	1,037.25	
23 01 60 71-0041	LF	>2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.58	

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	801.49	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	907.55	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,064.02	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	893.64	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	949.28	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,244.84	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,050.11	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,017.08	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,272.66	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,064.02	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,097.06	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,620.38	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,161.38	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,201.37	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,122.83	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,842.92	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,766.42	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,545.31	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,107.18	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,138.48	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,312.03	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,993.87	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,028.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,466.46	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,517.19	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,802.32	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,436.60	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,223.06	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,635.11	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,566.69	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,982.83	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,068.02	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,850.08	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,420.65	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,611.90	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,992.65	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,296.90	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,847.74	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,186.76	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,606.89	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,276.56	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	12,406.65	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,119.48	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	15,570.90	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,094.22	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	19,208.05	
23 05 13 00-0050		**Cast Iron Frame, Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,758.76	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	11,813.79	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,998.90	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,699.25	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,380.48	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,849.60	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	17,878.02	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	23,377.22	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	21,767.27	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	22,341.01	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	30,729.76	
23 05 13 00-0062		**Premium Efficient, TEFC Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		**Steel Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	937.11	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,032.73	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,229.19	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,062.28	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,072.72	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,163.12	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,112.70	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,290.04	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,229.19	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,973.31	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,430.87	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,345.68	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,228.89	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,143.69	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,940.28	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,173.25	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,190.64	
23 05 13 00-0081		**Cast Iron Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,336.98	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,496.93	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,411.74	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,385.66	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,782.06	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,484.76	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,451.73	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,809.88	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,602.99	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,648.19	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,254.96	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,973.31	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,649.93	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,616.59	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,284.52	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,201.07	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,731.04	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,677.44	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,468.81	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,259.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,689.31	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,376.36	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,681.74	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,049.20	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,094.40	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,564.65	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,283.61	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,354.89	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,559.13	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,278.08	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,352.84	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,887.42	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,606.07	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,307.03	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,321.46	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,414.52	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,078.97	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	14,889.37	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,225.53	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,063.84	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,072.75	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,386.61	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,275.34	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	21,045.75	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,969.86	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	23,485.01	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	27,014.37	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	33,951.38	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,389.14	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,526.49	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,686.44	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,369.71	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,580.39	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,556.05	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,973.31	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,948.67	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,653.41	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,623.85	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,999.39	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,718.87	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,955.92	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,055.03	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,886.08	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,033.55	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,406.22	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,091.54	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,924.33	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,420.65	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,139.91	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,633.98	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,184.81	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,342.11	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,343.33	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,153.82	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,436.60	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,564.34	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,276.96	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,017.90	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,232.88	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,433.03	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,989.78	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,309.99	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,468.72	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,034.28	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,996.43	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,640.02	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,849.47	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,310.81	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,697.09	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,408.69	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,043.89	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,762.54	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,220.01	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,525.48	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,285.56	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,146.68	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,275.34	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,785.36	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,689.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,076.53	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,108.13	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,180.14	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,464.76	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,144.85	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	27,695.90	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,221.87	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,997.59	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,287.85	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,568.37	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,284.98	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,276.19	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,013.67	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,229.25	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	46,208.51	
23 05 13 00-0197		**Premium Efficient, Explosion Proof Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, explosion proof, three phase AC motors.		
23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,853.35	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,919.41	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,093.27	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,587.04	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,868.69	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,953.58	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,035.29	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,462.68	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,227.67	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,181.85	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,183.29	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	12,008.51	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	13,524.57	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	18,919.45	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	22,210.62	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	27,056.09	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	35,363.12	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	40,349.43	
23 05 13 00-0216		**Motor Mounting** *(23 05 13)*		
		Note: Includes handling and motor installation on mounting base. Excludes mounting base.		
23 05 13 00-0217	EA	1/2 HP Motor Mounting	180.74	91.96
23 05 13 00-0218	EA	3/4 HP Motor Mounting	208.25	114.95
23 05 13 00-0219	EA	1 HP Motor Mounting	222.78	114.95
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	239.49	114.95
23 05 13 00-0221	EA	2 HP Motor Mounting	258.91	137.94
23 05 13 00-0222	EA	3 HP Motor Mounting	299.36	137.94
23 05 13 00-0223	EA	5 HP Motor Mounting	354.80	229.90
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	456.16	229.90
23 05 13 00-0225	EA	10 HP Motor Mounting	598.72	402.34
23 05 13 00-0226	EA	15 HP Motor Mounting	736.89	402.34
23 05 13 00-0227	EA	20 HP Motor Mounting	870.86	574.77
23 05 13 00-0228	EA	25 HP Motor Mounting	987.58	574.77
23 05 13 00-0229	EA	30 HP Motor Mounting	1,197.44	574.77
23 05 13 00-0230	EA	40 HP Motor Mounting	1,349.23	862.15
23 05 13 00-0231	EA	50 HP Motor Mounting	1,496.80	862.15
23 05 13 00-0232	EA	75 HP Motor Mounting	1,807.46	1,264.50
23 05 13 00-0233	EA	100 HP Motor Mounting	2,177.16	1,264.50
23 05 13 00-0234	EA	125 HP Motor Mounting	2,660.97	1,724.31
23 05 13 00-0235	EA	150 HP Motor Mounting	3,090.16	1,724.31
23 05 13 00-0236	EA	200 HP Motor Mounting	3,547.97	2,069.17
23 05 13 00-0237		**Motor Couplings** *(23 05 13)*		
23 05 13 00-0238	EA	5 To 15 HP, MGD Coupling (MagnaDrive MGE-07)	5,224.21	73.62
23 05 13 00-0239	EA	>15 To 50 HP, MGD Coupling (MagnaDrive MGE-11)	6,803.46	110.43
23 05 13 00-0240	EA	>50 To 100 HP, MGD Coupling (MagnaDrive MGE-15)	11,853.07	147.23

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001		**Stainless Steel Bellows Type Expansion Joints** *(23 05 16)*		
		Note: Includes internal sleeves and external covers.		
23 05 16 00-0002		**Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joints** *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0003	EA	1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	234.95	97.59
		For 300 Lb. Rating, Add	*9.92*	
23 05 16 00-0004	EA	3/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	263.44	110.06
		For 300 Lb. Rating, Add	*10.86*	
23 05 16 00-0005	EA	1" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	308.90	126.16
		For 300 Lb. Rating, Add	*14.16*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	349.31	140.81
		For 300 Lb. Rating, Add	*17.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0007	EA	1-1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	378.20	151.35
		For 300 Lb. Rating, Add	*18.88*	
23 05 16 00-0008	EA	2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	435.40	178.11
		For 300 Lb. Rating, Add	*19.82*	

23 05 16 00-0009 Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA	1-1/4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	582.97	97.60
		For 300 Lb. Rating, Add	*115.43*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	638.69	117.12
		For 300 Lb. Rating, Add	*122.98*	
23 05 16 00-0012	EA	2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	677.92	148.69
		For 300 Lb. Rating, Add	*123.00*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	731.27	161.73
		For 300 Lb. Rating, Add	*132.12*	
23 05 16 00-0014	EA	3" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	808.39	189.62
		For 300 Lb. Rating, Add	*142.77*	
23 05 16 00-0015	EA	4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,014.34	317.90
		For 300 Lb. Rating, Add	*154.00*	
23 05 16 00-0016	EA	5" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,352.51	347.81
		For 300 Lb. Rating, Add	*229.61*	
23 05 16 00-0017	EA	6" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,271.34	386.45
		For 300 Lb. Rating, Add	*196.64*	
23 05 16 00-0018	EA	8" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,632.94	493.80
		For 300 Lb. Rating, Add	*254.88*	
23 05 16 00-0019	EA	10" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,070.23	601.15
		For 300 Lb. Rating, Add	*329.70*	
23 05 16 00-0020	EA	12" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,700.75	455.37
		For 300 Lb. Rating, Add	*447.20*	
23 05 16 00-0021	EA	14" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	3,417.66	858.78
		For 300 Lb. Rating, Add	*586.05*	
23 05 16 00-0022	EA	16" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	4,367.44	944.66
		For 300 Lb. Rating, Add	*796.66*	
23 05 16 00-0023	EA	18" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	8,583.12	1,047.71
		For 300 Lb. Rating, Add	*1,818.37*	
23 05 16 00-0024	EA	20" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	9,859.68	1,180.82
		For 300 Lb. Rating, Add	*2,095.91*	
23 05 16 00-0025	EA	24" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	11,496.72	1,449.20
		For 300 Lb. Rating, Add	*2,421.31*	
23 05 16 00-0026	EA	30" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	14,819.32	2,361.66
		For 300 Lb. Rating, Add	*2,966.82*	
23 05 16 00-0027	EA	36" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	18,942.44	3,148.88
		For 300 Lb. Rating, Add	*3,751.59*	

23 05 16 00-0028 Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0029	EA	1-1/4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	638.48	133.85
		For 300 Lb. Rating, Add	*92.72*	
23 05 16 00-0030	EA	1-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	665.05	134.96
		For 300 Lb. Rating, Add	*98.78*	
23 05 16 00-0031	EA	2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	674.32	139.42
		For 300 Lb. Rating, Add	*98.80*	
23 05 16 00-0032	EA	2-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	728.88	152.03
		For 300 Lb. Rating, Add	*106.12*	
23 05 16 00-0033	EA	3" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	817.58	178.81
		For 300 Lb. Rating, Add	*114.90*	
23 05 16 00-0034	EA	4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,206.11	356.05
		For 300 Lb. Rating, Add	*123.69*	
23 05 16 00-0035	EA	5" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,462.98	363.59
		For 300 Lb. Rating, Add	*184.42*	
23 05 16 00-0036	EA	6" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,436.29	402.55
		For 300 Lb. Rating, Add	*157.94*	
23 05 16 00-0037	EA	8" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,737.49	459.99
		For 300 Lb. Rating, Add	*204.72*	
23 05 16 00-0038	EA	10" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,184.15	563.58
		For 300 Lb. Rating, Add	*264.81*	
23 05 16 00-0039	EA	12" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,803.01	683.16
		For 300 Lb. Rating, Add	*359.19*	
23 05 16 00-0040	EA	14" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	3,347.28	695.61
		For 300 Lb. Rating, Add	*488.93*	
23 05 16 00-0041	EA	16" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	4,398.01	869.52
		For 300 Lb. Rating, Add	*664.64*	

23 05 16 00-0042 Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0043 Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16 00-0042)*

23 05 16 00-0044	EA	2" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	831.68	148.69
23 05 16 00-0045	EA	2-1/2" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	896.42	161.73
23 05 16 00-0046	EA	3" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	986.85	189.62
23 05 16 00-0047	EA	4" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,206.84	317.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0048	EA	5" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,639.52	347.81
23 05 16 00-0049	EA	6" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,517.15	386.45
23 05 16 00-0050	EA	8" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,951.55	493.80
23 05 16 00-0051	EA	10" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,482.37	601.15
23 05 16 00-0052	EA	12" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,259.78	455.91
23 05 16 00-0053	EA	14" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	4,150.24	858.78
23 05 16 00-0054	EA	16" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	5,363.29	944.66
23 05 16 00-0055	EA	18" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	7,006.50	1,047.71
23 05 16 00-0056	EA	20" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	8,162.02	1,180.82
23 05 16 00-0057	EA	24" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	9,397.33	1,449.20
23 05 16 00-0058	EA	30" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	12,246.94	2,361.66
23 05 16 00-0059	EA	36" Flanged, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	15,689.62	3,148.88

23 05 16 00-0060 Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0061 Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joints *(23 05 16 00-0060)*

23 05 16 00-0062	EA	2" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	979.16	148.69
23 05 16 00-0063	EA	2-1/2" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	1,054.83	161.73
23 05 16 00-0064	EA	3" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	1,158.03	189.62
23 05 16 00-0065	EA	4" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	1,391.48	317.90
23 05 16 00-0066	EA	5" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	1,914.81	347.81
23 05 16 00-0067	EA	6" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	1,752.91	386.45
23 05 16 00-0068	EA	8" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	2,257.15	493.80
23 05 16 00-0069	EA	10" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	2,877.68	601.15
23 05 16 00-0070	EA	12" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	3,795.97	455.91
23 05 16 00-0071	EA	14" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	4,852.90	858.78
23 05 16 00-0072	EA	16" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	6,318.47	944.66
23 05 16 00-0073	EA	18" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	8,307.54	1,047.71
23 05 16 00-0074	EA	20" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	9,688.94	1,180.82
23 05 16 00-0075	EA	24" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	11,129.75	1,449.20
23 05 16 00-0076	EA	30" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	14,369.68	2,361.66
23 05 16 00-0077	EA	36" Flanged, 150 Lb., Chlorobutyl Rubber (CllR) And Polyester Bellows Type Expansion Joint	18,373.86	3,148.88

23 05 16 00-0078 Neoprene Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0079 Flanged, 150 Lb., Neoprene Bellows Type Expansion Joints *(23 05 16 00-0078)*

Note: Cast iron ends.

23 05 16 00-0080	EA	2" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	1,290.62	148.69
23 05 16 00-0081	EA	2-1/2" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	1,368.89	161.73
23 05 16 00-0082	EA	3" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	1,418.76	189.62
23 05 16 00-0083	EA	4" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	1,717.88	317.90
23 05 16 00-0084	EA	5" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	2,045.13	347.81
23 05 16 00-0085	EA	6" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	2,121.40	386.45
23 05 16 00-0086	EA	8" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	2,556.89	493.80
23 05 16 00-0087	EA	10" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	2,848.33	601.15
23 05 16 00-0088	EA	12" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	3,162.28	455.70
23 05 16 00-0089	EA	14" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	4,065.40	858.78
23 05 16 00-0090	EA	16" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	5,246.77	944.66
23 05 16 00-0091	EA	18" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	6,833.19	1,047.71
23 05 16 00-0092	EA	20" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	7,996.89	1,180.82
23 05 16 00-0093	EA	24" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	9,201.81	1,449.20
23 05 16 00-0094	EA	30" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	11,978.98	2,361.66
23 05 16 00-0095	EA	36" Flanged, 150 Lb., Neoprene Bellows Type Expansion Joint	15,366.77	3,148.88

23 05 16 00-0096 Tube And Cover Expansion Joints *(23 05 16)*

Note: Carbon steel split backup rings.

23 05 16 00-0097 Flanged, 150 Lb., Tube And Cover Expansion Joints *(23 05 16 00-0096)*

23 05 16 00-0098 Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints *(23 05 16 00-0097)*

23 05 16 00-0099	EA	1" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	467.13	83.65
23 05 16 00-0100	EA	1-1/4" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	445.05	97.60
23 05 16 00-0101	EA	1-1/2" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	530.54	117.12
23 05 16 00-0102	EA	2" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	617.65	148.69
23 05 16 00-0103	EA	2-1/2" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	694.51	161.73
23 05 16 00-0104	EA	3" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	785.30	205.84
23 05 16 00-0105	EA	4" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,044.05	345.08
23 05 16 00-0106	EA	5" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,161.22	392.30
23 05 16 00-0107	EA	6" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,288.31	386.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0108	EA	8" x 6" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,664.44	439.28
23 05 16 00-0109	EA	10" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,466.40	601.15
23 05 16 00-0110	EA	12" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,117.51	729.97
23 05 16 00-0111	EA	14" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,496.03	858.78
23 05 16 00-0112	EA	16" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,903.19	944.66
23 05 16 00-0113	EA	18" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	4,247.88	1,047.71
23 05 16 00-0114	EA	20" x 8" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,097.86	1,180.82
23 05 16 00-0115	EA	24" x 10" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	6,188.87	1,449.20
23 05 16 00-0116	EA	30" x 10" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	8,876.50	2,361.66
23 05 16 00-0117	EA	36" x 10" Flanged, 150 Lb., Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	10,676.04	3,148.88
23 05 16 00-0118		**Flanged, 150 Lb., Rubber Tube And Cover Expansion Joints** *(23 05 16 00-0097)*		
23 05 16 00-0119	EA	1" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	443.14	83.65
23 05 16 00-0120	EA	1-1/4" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	421.06	97.60
23 05 16 00-0121	EA	1-1/2" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	506.55	117.12
23 05 16 00-0122	EA	2" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	593.67	148.69
23 05 16 00-0123	EA	2-1/2" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	670.53	161.73
23 05 16 00-0124	EA	3" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	761.32	205.84
23 05 16 00-0125	EA	4" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	1,008.07	345.08
23 05 16 00-0126	EA	5" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	1,125.24	392.30
23 05 16 00-0127	EA	6" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	1,252.33	386.45
23 05 16 00-0128	EA	8" x 6" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	1,668.79	493.80
23 05 16 00-0129	EA	10" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	2,334.48	601.15
23 05 16 00-0130	EA	12" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	2,997.58	729.97
23 05 16 00-0131	EA	14" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	3,364.10	858.78
23 05 16 00-0132	EA	16" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	3,771.26	944.66
23 05 16 00-0133	EA	18" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	4,103.96	1,047.71
23 05 16 00-0134	EA	20" x 8" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	4,929.96	1,180.82
23 05 16 00-0135	EA	24" x 10" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	5,984.99	1,449.20
23 05 16 00-0136	EA	30" x 10" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	8,288.86	2,361.66
23 05 16 00-0137	EA	36" x 10" Flanged, 150 Lb., Rubber Tube And Cover Expansion Joint (Mercer 451)	10,340.25	3,148.88
23 05 16 00-0138		**Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joints** *(23 05 16 00-0097)*		
23 05 16 00-0139	EA	2" x 6" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	605.66	148.69
23 05 16 00-0140	EA	3" x 6" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	752.32	205.84
23 05 16 00-0141	EA	4" x 6" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	996.08	345.08
23 05 16 00-0142	EA	6" x 6" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,150.39	386.45
23 05 16 00-0143	EA	8" x 6" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,428.93	493.80
23 05 16 00-0144	EA	10" x 8" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,770.82	601.15
23 05 16 00-0145	EA	12" x 8" Flanged, 125 Lb., Buna-N Tube And Cover Expansion Joint (Mercer 451)	2,116.11	729.97
23 05 16 00-0146		**Flanged, Tube And Cover Expansion Joints (Mercer 501)** *(23 05 16 00-0096)*		
23 05 16 00-0147		**Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE)** *(23 05 16 00-0146)*		
23 05 16 00-0148	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	890.32	117.12
23 05 16 00-0149	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	989.43	148.69
23 05 16 00-0150	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,030.31	161.73
23 05 16 00-0151	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,169.07	205.84
23 05 16 00-0152	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,487.79	345.08
23 05 16 00-0153	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,640.93	392.30
23 05 16 00-0154	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,744.03	386.45
23 05 16 00-0155	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,328.39	493.80
23 05 16 00-0156	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,874.16	601.15
23 05 16 00-0157	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,321.38	729.97
23 05 16 00-0158	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,807.84	858.78
23 05 16 00-0159	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,155.03	944.66
23 05 16 00-0160	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,547.70	1,047.71
23 05 16 00-0161	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	5,337.71	1,180.82
23 05 16 00-0162	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	6,548.66	1,449.20
23 05 16 00-0163	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	9,464.15	2,361.66
23 05 16 00-0164	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	11,755.40	3,148.88
23 05 16 00-0165	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	15,402.43	4,723.30
23 05 16 00-0166	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	18,281.63	5,904.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0167	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	24,407.17	8,501.95

23 05 16 00-0168 Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR) *(23 05 16 00-0146)*

23 05 16 00-0169	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	842.35	117.12
23 05 16 00-0170	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	929.46	148.69
23 05 16 00-0171	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	970.35	161.73
23 05 16 00-0172	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,097.12	205.84
23 05 16 00-0173	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,403.84	345.08
23 05 16 00-0174	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,556.98	392.30
23 05 16 00-0175	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,648.09	386.45
23 05 16 00-0176	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,196.47	493.80
23 05 16 00-0177	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,718.25	601.15
23 05 16 00-0178	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,141.49	729.97
23 05 16 00-0179	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,603.96	858.78
23 05 16 00-0180	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,939.16	944.66
23 05 16 00-0181	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	4,295.85	1,047.71
23 05 16 00-0182	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	5,049.88	1,180.82
23 05 16 00-0183	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	6,200.86	1,449.20
23 05 16 00-0184	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	8,972.45	2,361.66
23 05 16 00-0185	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	11,167.75	3,148.88

23 05 16 00-0186 Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501) *(23 05 16 00-0146)*

Note: 501BB, 501NN or 501NiNi.

23 05 16 00-0187	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	890.32	117.12
23 05 16 00-0188	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,001.42	148.69
23 05 16 00-0189	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,030.31	161.73
23 05 16 00-0190	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,169.07	205.84
23 05 16 00-0191	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,487.79	345.08
23 05 16 00-0192	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,640.93	392.30
23 05 16 00-0193	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,756.03	386.45
23 05 16 00-0194	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,328.39	493.80
23 05 16 00-0195	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,874.16	601.15
23 05 16 00-0196	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,321.38	729.97
23 05 16 00-0197	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,807.84	858.78
23 05 16 00-0198	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,155.03	944.66
23 05 16 00-0199	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,547.70	1,047.71
23 05 16 00-0200	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	5,337.71	1,180.82
23 05 16 00-0201	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	6,548.66	1,449.20
23 05 16 00-0202	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	9,464.15	2,361.66
23 05 16 00-0203	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	11,755.40	3,148.88

23 05 16 00-0204 Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) *(23 05 16 00-0146)*

23 05 16 00-0205	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	926.30	117.12
23 05 16 00-0206	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,025.41	148.69
23 05 16 00-0207	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,066.29	161.73
23 05 16 00-0208	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,217.04	205.84
23 05 16 00-0209	EA	4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,547.75	345.08
23 05 16 00-0210	EA	5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,700.89	392.30
23 05 16 00-0211	EA	6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,815.99	386.45
23 05 16 00-0212	EA	8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,412.34	493.80
23 05 16 00-0213	EA	10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,982.09	601.15
23 05 16 00-0214	EA	12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,453.30	729.97
23 05 16 00-0215	EA	14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,939.76	858.78
23 05 16 00-0216	EA	16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,310.94	944.66
23 05 16 00-0217	EA	18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,703.60	1,047.71
23 05 16 00-0218	EA	20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	5,529.60	1,180.82
23 05 16 00-0219	EA	24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	6,800.50	1,449.20

23 05 16 00-0220 Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) *(23 05 16 00-0146)*

Note: Kevlar reinforcement for high temperature.

23 05 16 00-0221	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,154.17	117.12
23 05 16 00-0222	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,217.29	148.69
23 05 16 00-0223	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,318.14	161.73
23 05 16 00-0224	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,420.92	205.84
23 05 16 00-0225	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,955.51	345.08
23 05 16 00-0226	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,132.63	392.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0227	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,199.76	386.45
23 05 16 00-0228	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,604.22	493.80
23 05 16 00-0229	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,090.03	601.15
23 05 16 00-0230	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,741.13	729.97
23 05 16 00-0231	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,419.47	858.78
23 05 16 00-0232	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	5,150.44	944.66
23 05 16 00-0233	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	5,722.99	1,047.71
23 05 16 00-0234	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	6,752.86	1,180.82
23 05 16 00-0235	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	8,803.30	1,449.20
23 05 16 00-0236		Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) *(23 05 16 00-0096)*		
23 05 16 00-0237		2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) *(23 05 16 00-0236)*		
23 05 16 00-0238	EA	1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	539.09	83.65
23 05 16 00-0239	EA	1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	611.33	89.79
23 05 16 00-0240	EA	2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	821.53	92.92
23 05 16 00-0241	EA	2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,054.49	101.50
23 05 16 00-0242	EA	3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,434.28	201.47
23 05 16 00-0243	EA	4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,931.43	258.14
23 05 16 00-0244	EA	5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,349.99	281.51
23 05 16 00-0245	EA	6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,611.49	268.37
23 05 16 00-0246	EA	8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,599.63	306.69
23 05 16 00-0247	EA	10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	4,663.19	364.77
23 05 16 00-0248	EA	12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	6,466.16	456.77
23 05 16 00-0249		3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) *(23 05 16 00-0236)*		
23 05 16 00-0250	EA	1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	599.05	83.65
23 05 16 00-0251	EA	1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	671.26	89.79
23 05 16 00-0252	EA	2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	917.47	92.92
23 05 16 00-0253	EA	2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,186.41	101.50
23 05 16 00-0254	EA	3" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,578.19	201.47
23 05 16 00-0255	EA	4" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,147.30	258.14
23 05 16 00-0256	EA	5" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,613.83	281.51
23 05 16 00-0257	EA	6" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,935.30	268.37
23 05 16 00-0258	EA	8" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	4,043.36	306.69
23 05 16 00-0259	EA	10" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	5,250.84	364.77
23 05 16 00-0260	EA	12" x 7" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	7,293.66	456.77
23 05 16 00-0261		5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) *(23 05 16 00-0236)*		
23 05 16 00-0262	EA	1" x 3" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	659.01	83.65
23 05 16 00-0263	EA	1-1/2" x 3-1/2" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	839.19	89.79
23 05 16 00-0264	EA	2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,073.38	92.92
23 05 16 00-0265	EA	2-1/2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,426.27	101.50
23 05 16 00-0266	EA	3" x 5" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,913.99	201.47
23 05 16 00-0267	EA	4" x 5-1/4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,471.11	258.14
23 05 16 00-0268	EA	5" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,249.45	281.51
23 05 16 00-0269	EA	6" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,474.98	268.37
23 05 16 00-0270	EA	8" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	5,254.63	306.69
23 05 16 00-0271	EA	10" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	6,989.79	364.77
23 05 16 00-0272	EA	12" x 9" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	8,744.79	456.77
23 05 16 00-0273		Mercer Rubber, Series 450 *(23 05 16 00-0096)*		
23 05 16 00-0274		Expansion Joints, 2 Arch (452) *(23 05 16 00-0273)*		
23 05 16 00-0275	EA	1-1/2" x 12" Expansion Joints, 2 Arch	662.30	89.79
23 05 16 00-0276	EA	2" x 12" Expansion Joints, 2 Arch	740.58	92.92
23 05 16 00-0277	EA	2-1/2" x 12" Expansion Joints, 2 Arch	820.63	101.50
23 05 16 00-0278	EA	3" x 12" Expansion Joints, 2 Arch	1,101.48	201.47
23 05 16 00-0279	EA	4" x 12" Expansion Joints, 2 Arch	1,262.83	258.14
23 05 16 00-0280	EA	6" x 12" Expansion Joints, 2 Arch	1,406.22	268.37
23 05 16 00-0281	EA	8" x 12" Expansion Joints, 2 Arch	1,578.84	306.69
23 05 16 00-0282	EA	10" x 14" Expansion Joints, 2 Arch	2,126.71	364.77
23 05 16 00-0283	EA	12" x 14" Expansion Joints, 2 Arch	2,503.21	457.08
23 05 16 00-0284	EA	14" x 14" Expansion Joints, 2 Arch	2,920.81	463.53
23 05 16 00-0285	EA	16" x 14" Expansion Joints, 2 Arch	3,524.64	578.06
23 05 16 00-0286	EA	18" x 14" Expansion Joints, 2 Arch	3,935.28	655.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0287	EA	20" x 14" Expansion Joints, 2 Arch	4,459.50	738.13
23 05 16 00-0288	EA	24" x 16" Expansion Joints, 2 Arch	5,335.32	906.23
23 05 16 00-0289		Mercer Rubber, Series 502 And 701 *(23 05 16 00-0096)*		
23 05 16 00-0290		2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) *(23 05 16 00-0289)*		
		Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0291	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,058.22	117.41
23 05 16 00-0292	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,121.35	148.73
23 05 16 00-0293	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,198.21	162.24
23 05 16 00-0294	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,277.01	206.09
23 05 16 00-0295	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,631.70	345.94
23 05 16 00-0296	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,928.76	391.70
23 05 16 00-0297	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,995.88	387.84
23 05 16 00-0298	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,376.36	493.80
23 05 16 00-0299	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,790.21	601.15
23 05 16 00-0300	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,252.09	456.77
23 05 16 00-0301	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,011.72	858.78
23 05 16 00-0302	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,670.72	944.66
23 05 16 00-0303	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	5,171.32	1,047.71
23 05 16 00-0304	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	5,865.39	1,180.82
23 05 16 00-0305	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	6,992.39	1,449.20
23 05 16 00-0306	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	10,315.64	2,361.66
23 05 16 00-0307	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	12,930.69	3,148.88
23 05 16 00-0308	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	17,249.32	4,723.30
23 05 16 00-0309	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	20,380.37	5,904.13
23 05 16 00-0310	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	27,657.22	8,501.95
23 05 16 00-0311		2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) *(23 05 16 00-0289)*		
		Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0312	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,154.17	117.41
23 05 16 00-0313	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,217.29	148.73
23 05 16 00-0314	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,306.15	162.24
23 05 16 00-0315	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,384.94	206.09
23 05 16 00-0316	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,727.64	345.94
23 05 16 00-0317	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,072.67	391.70
23 05 16 00-0318	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,115.81	387.84
23 05 16 00-0319	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,556.25	493.80
23 05 16 00-0320	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,982.09	601.15
23 05 16 00-0321	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,455.96	456.77
23 05 16 00-0322	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,287.55	858.78
23 05 16 00-0323	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,994.53	944.66
23 05 16 00-0324	EA	18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	5,531.11	1,047.71
23 05 16 00-0325	EA	20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	6,273.15	1,180.82
23 05 16 00-0326	EA	24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	7,472.10	1,449.20
23 05 16 00-0327	EA	30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	11,023.21	2,361.66
23 05 16 00-0328	EA	36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	13,770.19	3,148.88
23 05 16 00-0329	EA	42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	18,328.67	4,723.30
23 05 16 00-0330	EA	48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	21,627.62	5,904.13
23 05 16 00-0331	EA	60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	29,360.19	8,501.95
23 05 16 00-0332		2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) *(23 05 16 00-0289)*		
		Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0333	EA	1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,190.14	117.41
23 05 16 00-0334	EA	2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,289.25	148.73
23 05 16 00-0335	EA	2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,366.11	162.24
23 05 16 00-0336	EA	3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,456.90	206.09
23 05 16 00-0337	EA	4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,823.58	345.94
23 05 16 00-0338	EA	5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,144.63	391.70
23 05 16 00-0339	EA	6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,235.74	387.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0340	EA	8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,652.20	493.80
23 05 16 00-0341	EA	10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,102.02	601.15
23 05 16 00-0342	EA	12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,599.88	456.77
23 05 16 00-0343	EA	14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,431.46	858.78
23 05 16 00-0344	EA	16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	5,186.42	944.66
23 05 16 00-0345	EA	18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	5,746.98	1,047.71
23 05 16 00-0346	EA	20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,560.98	1,180.82
23 05 16 00-0347	EA	24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	7,735.94	1,449.20
23 05 16 00-0348	EA	30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	11,059.19	2,361.66
23 05 16 00-0349	EA	36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	14,249.90	3,148.88
23 05 16 00-0350	EA	42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	19,000.27	4,723.30
23 05 16 00-0351	EA	48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	22,371.17	5,904.13
23 05 16 00-0352	EA	60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	30,367.59	8,501.95

23 05 16 00-0353 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) *(23 05 16 00-0289)*

Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.

23 05 16 00-0354	EA	1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,250.11	117.41
23 05 16 00-0355	EA	2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,313.23	148.73
23 05 16 00-0356	EA	2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,402.09	162.24
23 05 16 00-0357	EA	3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,516.86	206.09
23 05 16 00-0358	EA	4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,871.56	345.94
23 05 16 00-0359	EA	5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,240.57	391.70
23 05 16 00-0360	EA	6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,331.68	387.84
23 05 16 00-0361	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,748.14	493.80
23 05 16 00-0362	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,221.95	601.15
23 05 16 00-0363	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,767.78	456.77
23 05 16 00-0364	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,599.36	858.78
23 05 16 00-0365	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	5,402.29	944.66
23 05 16 00-0366	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	5,986.83	1,047.71
23 05 16 00-0367	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	6,824.82	1,180.82
23 05 16 00-0368	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	8,011.78	1,449.20
23 05 16 00-0369	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	11,850.72	2,361.66
23 05 16 00-0370	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	14,825.55	3,148.88
23 05 16 00-0371	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	19,671.86	4,723.30
23 05 16 00-0372	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	22,946.82	5,904.13
23 05 16 00-0373	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	31,135.13	8,501.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0374		**2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)** *(23 05 16 00-0289)*		
		Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0375	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,561.92	117.41
23 05 16 00-0376	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,697.00	148.73
23 05 16 00-0377	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,809.85	162.24
23 05 16 00-0378	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,404.33	206.09
23 05 16 00-0379	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,142.79	345.94
23 05 16 00-0380	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,847.60	391.70
23 05 16 00-0381	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,178.57	387.84
23 05 16 00-0382	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	5,386.55	493.80
23 05 16 00-0383	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,131.60	601.15
23 05 16 00-0384	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	8,157.14	456.77
23 05 16 00-0385	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	9,384.49	858.78
23 05 16 00-0386	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	11,494.63	944.66
23 05 16 00-0387	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	12,750.77	1,047.71
23 05 16 00-0388	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	14,979.92	1,180.82
23 05 16 00-0389	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	19,656.79	1,449.20
23 05 16 00-0390	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	32,934.06	2,361.66
23 05 16 00-0391	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	41,353.63	3,148.88
23 05 16 00-0392	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	54,115.19	4,723.30
23 05 16 00-0393	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	63,266.62	5,904.13
23 05 16 00-0394	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	83,783.52	8,501.95
23 05 16 00-0395		**Teflon Lined Expansion Joints (Mercer 701)** *(23 05 16 00-0289)*		
		Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.		
23 05 16 00-0396	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	1,037.05	89.79
		For Hypalon Tube And Cover, Add	*17.15*	
		For Viton Tube And Cover, Add	*857.49*	
23 05 16 00-0397	EA	2" Teflon Lined Expansion Joint (Mercer 701)	1,211.29	92.92
		For Hypalon Tube And Cover, Add	*20.51*	
		For Viton Tube And Cover, Add	*1,025.38*	
23 05 16 00-0398	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	1,381.24	101.50
		For Hypalon Tube And Cover, Add	*23.57*	
		For Viton Tube And Cover, Add	*1,178.29*	
23 05 16 00-0399	EA	3" Teflon Lined Expansion Joint (Mercer 701)	1,710.28	201.47
		For Hypalon Tube And Cover, Add	*26.14*	
		For Viton Tube And Cover, Add	*1,307.22*	
23 05 16 00-0400	EA	4" Teflon Lined Expansion Joint (Mercer 701)	2,099.60	258.26
		For Hypalon Tube And Cover, Add	*31.66*	
		For Viton Tube And Cover, Add	*1,583.05*	
23 05 16 00-0401	EA	5" Teflon Lined Expansion Joint (Mercer 701)	2,496.48	281.27
		For Hypalon Tube And Cover, Add	*38.68*	
		For Viton Tube And Cover, Add	*1,933.84*	
23 05 16 00-0402	EA	6" Teflon Lined Expansion Joint (Mercer 701)	2,629.48	268.37
		For Hypalon Tube And Cover, Add	*41.85*	
		For Viton Tube And Cover, Add	*2,092.74*	
23 05 16 00-0403	EA	8" Teflon Lined Expansion Joint (Mercer 701)	3,155.38	306.48
		For Hypalon Tube And Cover, Add	*50.85*	
		For Viton Tube And Cover, Add	*2,542.47*	
23 05 16 00-0404	EA	10" Teflon Lined Expansion Joint (Mercer 701)	3,976.60	364.77
		For Hypalon Tube And Cover, Add	*64.94*	
		For Viton Tube And Cover, Add	*3,247.05*	
23 05 16 00-0405	EA	12" Teflon Lined Expansion Joint (Mercer 701)	5,084.66	457.08
		For Hypalon Tube And Cover, Add	*83.41*	
		For Viton Tube And Cover, Add	*4,170.50*	
23 05 16 00-0406	EA	14" Teflon Lined Expansion Joint (Mercer 701)	5,712.82	463.85
		For Hypalon Tube And Cover, Add	*95.70*	
		For Viton Tube And Cover, Add	*4,785.13*	
23 05 16 00-0407	EA	16" Teflon Lined Expansion Joint (Mercer 701)	7,092.50	578.06
		For Hypalon Tube And Cover, Add	*118.73*	
		For Viton Tube And Cover, Add	*5,936.44*	
23 05 16 00-0408	EA	18" Teflon Lined Expansion Joint (Mercer 701)	7,900.75	656.87
		For Hypalon Tube And Cover, Add	*131.74*	
		For Viton Tube And Cover, Add	*6,587.05*	
23 05 16 00-0409	EA	20" Teflon Lined Expansion Joint (Mercer 701)	9,247.73	736.73
		For Hypalon Tube And Cover, Add	*155.49*	
		For Viton Tube And Cover, Add	*7,774.33*	
23 05 16 00-0410	EA	24" Teflon Lined Expansion Joint (Mercer 701)	12,086.89	907.51
		For Hypalon Tube And Cover, Add	*205.44*	
		For Viton Tube And Cover, Add	*10,271.83*	
23 05 16 00-0411		**Accessories For Mercer Rubber, Series 451 And 501** *(23 05 16 00-0096)*		
23 05 16 00-0412		**Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints** *(23 05 16 00-0411)*		
23 05 16 00-0413	EA	1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	45.57	
23 05 16 00-0414	EA	2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	57.57	
23 05 16 00-0415	EA	2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	64.76	
23 05 16 00-0416	EA	3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	69.56	
23 05 16 00-0417	EA	4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	103.14	
23 05 16 00-0418	EA	5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	127.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0419	EA	6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	139.12	
23 05 16 00-0420	EA	8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	153.51	
23 05 16 00-0421	EA	10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	196.68	
23 05 16 00-0422	EA	12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	232.66	
23 05 16 00-0423	EA	14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	311.81	
23 05 16 00-0424	EA	16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	335.80	
23 05 16 00-0425	EA	18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	359.78	
23 05 16 00-0426	EA	20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	395.76	
23 05 16 00-0427	EA	24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	491.70	
23 05 16 00-0428	EA	30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	611.63	
23 05 16 00-0429	EA	36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	743.55	
23 05 16 00-0430	EA	42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	1,055.37	
23 05 16 00-0431	EA	48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	1,259.24	

23 05 16 00-0432 Control Rods For Mercer 451 And 501 Expansion Joints *(23 05 16 00-0411)*

23 05 16 00-0433	SET	1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	130.64	
23 05 16 00-0434	SET	2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	165.23	
23 05 16 00-0435	SET	2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	192.12	
23 05 16 00-0436	SET	3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	230.55	
23 05 16 00-0437	SET	4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	230.55	
23 05 16 00-0438	SET	5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	249.76	
23 05 16 00-0439	SET	6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	288.19	
23 05 16 00-0440	SET	8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	422.67	
23 05 16 00-0441	SET	10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	826.13	
23 05 16 00-0442	SET	12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	1,133.53	
23 05 16 00-0443	SET	14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	1,690.69	
23 05 16 00-0444	SET	16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	1,902.03	
23 05 16 00-0445	SET	18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	2,536.04	
23 05 16 00-0446	SET	20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	2,708.95	
23 05 16 00-0447	SET	24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	3,054.77	
23 05 16 00-0448	SET	30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	4,476.49	
23 05 16 00-0449	SET	36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	6,589.85	
23 05 16 00-0450	SET	42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	4,457.28	
23 05 16 00-0451	SET	48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	5,859.78	
23 05 16 00-0452	SET	60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	9,145.10	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	178.89	53.06
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	234.51	61.97
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	292.10	74.34
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	391.77	111.45
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	483.48	148.57
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	586.13	185.79

23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*

Note: Includes link seals 12" length.

23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	154.40	53.87
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	193.05	58.40
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	229.70	62.92
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	284.91	75.48
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	417.40	94.27
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	804.73	113.17
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	951.00	141.46
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,279.14	174.06
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,766.82	226.34
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,554.66	282.92

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	115.90	38.74
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	135.14	38.74
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	135.14	38.74

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	154.38	38.74
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	154.38	38.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	194.60	38.74
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	159.63	38.74
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	168.37	38.74
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	199.85	38.74
23 05 19 00-0013		Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges. Socket connection for thermowell.		
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	154.38	38.74
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	154.38	38.74
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	194.60	38.74
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	177.11	38.74
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	194.60	38.74
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	199.06	38.74
23 05 19 00-0020		1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	195.85	72.64
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	195.76	72.64
23 05 19 00-0023		Pressure Gauges *(23 05 19)*		
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	41.46	15.14
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	51.78	15.14
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	316.79	15.14
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	316.79	15.14
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	414.09	15.14
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	987.12	15.14
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
		Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	151.26	15.14
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	344.74	15.14
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	343.32	15.14
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	343.32	15.14
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	343.32	15.14
23 05 19 00-0039		Polypropylene Case, Stainless Steel Internals And Stem, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0040		Polypropylene Case, 0 To 300 PSI, Stainless Steel Internals And Stem, Pressure Gauges *(23 05 19 00-0039)*		
23 05 19 00-0041	EA	4-1/2" Diameter Dry Dial, Polypropylene Case, 0 To 300 PSI, Stainless Steel Internals And Stem, Pressure Gauge	249.62	15.14
23 05 19 00-0042	EA	4-1/2" Diameter Liquid Filled Dial, Polypropylene Case, 0 To 300 PSI, Stainless Steel Internals And Stem, Pressure Gauge	330.50	15.14
23 05 19 00-0043	EA	6" Diameter Dry Dial, Polypropylene Case, 0 To 300 PSI, Stainless Steel Internals And Stem, Pressure Gauge	397.52	15.14
23 05 19 00-0044		Polypropylene Case, 0 To 100" H2O (Very Low PSI), Stainless Steel Internals And Stem, Pressure Gauges *(23 05 19 00-0039)*		
23 05 19 00-0045	EA	2-1/2" Diameter Dry Dial, Polypropylene Case, 0 To 100" H2O (Very Low PSI), Stainless Steel Internals And Stem, Pressure Gauge	146.66	15.14
23 05 19 00-0046	EA	2-1/2" Diameter Liquid Filled, Polypropylene Case, 0 To 100" H2O (Very Low PSI), Stainless Steel Internals And Stem, Pressure Gauge	112.75	15.14
23 05 19 00-0047		Gauge Accessories *(23 05 19 00-0023)*		
23 05 19 00-0048	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	98.23	12.11
23 05 19 00-0049	EA	1/4" Diameter, Snubber Valve	59.51	12.11
23 05 19 00-0050	EA	1/4" Female Pipe Thread, Brass Gauge Cock	37.27	18.16
23 05 19 00-0051	EA	1/4" Male Pipe Thread, Brass Gauge Cock	31.87	18.16
23 05 19 00-0052	EA	1/4" Pressure Pigtail Steam Siphon	37.68	18.16
23 05 19 00-0053	EA	1/4" x 3" Long Black Steel Nipple	7.65	6.05
23 05 19 00-0054	EA	1/4" Steel Thread-O-Let	69.38	30.27
23 05 19 00-0055	EA	1/4", 300 Lb., Black Steel Union	65.76	12.11
23 05 19 00-0056	EA	1/4" Black Steel Coupling	25.75	12.11
23 05 19 00-0057	EA	1/4", 300 Lb., Black Steel Plug	14.88	7.27
23 05 19 00-0058	EA	1/4", 150 Lb., Black Steel Cap	15.40	7.27
23 05 19 00-0059	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.58	3.99
23 05 19 00-0060	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	8.81	3.99
23 05 19 00-0061	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.17	
23 05 19 00-0062	EA	1/4" Diameter Threaded, 800 Lb., Forged Steel, Ball Valve	120.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0063		Valve Lock Covers *(23 05 19)*		
23 05 19 00-0064	EA	Valve Lock Cover	90.99	18.52
23 05 19 00-0065		Sight Flow Indicator *(23 05 19)*		
23 05 19 00-0066		Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0065)*		
23 05 19 00-0067	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	177.92	17.62
23 05 19 00-0068	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	185.82	18.54
23 05 19 00-0069	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	201.06	19.48
23 05 19 00-0070	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	224.32	26.26
23 05 19 00-0071	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	268.04	31.82
23 05 19 00-0072	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	303.15	40.30
23 05 19 00-0073	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	431.64	46.59
23 05 19 00-0074	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	477.59	55.06
23 05 19 00-0075		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0065)*		
23 05 19 00-0076	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	232.33	17.62
23 05 19 00-0077	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	239.02	18.54
23 05 19 00-0078	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	257.89	19.48
23 05 19 00-0079	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	272.69	26.26
23 05 19 00-0080	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	288.59	31.82
23 05 19 00-0081	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	311.62	40.30
23 05 19 00-0082	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	596.09	46.59
23 05 19 00-0083	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	637.20	55.06
23 05 19 00-0084		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0065)*		
23 05 19 00-0085	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	337.53	17.62
23 05 19 00-0086	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	356.31	18.54
23 05 19 00-0087	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	387.27	19.48
23 05 19 00-0088	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	420.20	26.26
23 05 19 00-0089	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	482.06	31.82
23 05 19 00-0090	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	508.71	40.30
23 05 19 00-0091	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,031.38	46.59
23 05 19 00-0092	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,084.58	55.06
23 05 19 00-0093		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0065)*		
23 05 19 00-0094	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	228.70	17.62
23 05 19 00-0095	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	237.81	18.54
23 05 19 00-0096	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	251.84	19.48
23 05 19 00-0097	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	271.48	26.26
23 05 19 00-0098	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	287.38	31.82
23 05 19 00-0099	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	311.62	40.30
23 05 19 00-0100	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	588.83	46.59
23 05 19 00-0101	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	627.53	55.06
23 05 19 00-0102		Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0065)*		
23 05 19 00-0103	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	335.11	17.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0104	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	361.14	18.54
23 05 19 00-0105	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	394.52	19.48
23 05 19 00-0106	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	420.20	26.26
23 05 19 00-0107	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	482.06	31.82
23 05 19 00-0108	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	513.55	40.30
23 05 19 00-0109	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,031.38	46.59
23 05 19 00-0110	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,084.58	55.06
23 05 19 00-0111		Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators *(23 05 19 00-0065)*		
23 05 19 00-0112	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	491.73	31.82
23 05 19 00-0113	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	552.24	40.30
23 05 19 00-0114	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	627.52	46.59
23 05 19 00-0115	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	704.91	55.06
23 05 19 00-0116		Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators *(23 05 19 00-0065)*		
23 05 19 00-0117	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,081.20	127.06
23 05 19 00-0118	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,205.88	161.30
23 05 19 00-0119	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,780.62	189.47
23 05 19 00-0120	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,683.95	317.65
23 05 19 00-0121	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	4,370.37	395.11
23 05 19 00-0122		Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0065)*		
23 05 19 00-0123	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	829.98	90.76
23 05 19 00-0124	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	980.35	105.88
23 05 19 00-0125	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,056.41	127.06
23 05 19 00-0126	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,323.77	161.30
23 05 19 00-0127	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,925.11	189.47
23 05 19 00-0128	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,840.53	317.65
23 05 19 00-0129		Venturi Flowmeters *(23 05 19)*		
23 05 19 00-0130		Threaded, Brass, Venturi Flowmeters *(23 05 19 00-0129)*		
23 05 19 00-0131	EA	3/4" Threaded, Brass, Venturi Flowmeter	327.62	82.34
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0132	EA	1" Threaded, Brass, Venturi Flowmeter	361.33	98.80
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0133	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	398.48	109.82
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0134	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	449.13	123.50
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0135	EA	2" Threaded, Brass, Venturi Flowmeter	535.04	141.18
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0136	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	735.48	198.60
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0137		Butt Weld, Carbon Steel, Venturi Flowmeters *(23 05 19 00-0129)*		
23 05 19 00-0138	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	1,497.95	169.76
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*405.45*	
23 05 19 00-0139	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	2,067.84	203.70
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*581.15*	
23 05 19 00-0140	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	2,710.29	254.63
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*770.36*	
23 05 19 00-0141	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	3,227.57	339.51
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*892.00*	
23 05 19 00-0142	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	4,714.89	407.41
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,365.02*	
23 05 19 00-0143	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	7,698.84	509.26
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,338.11*	
23 05 19 00-0144	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	11,590.06	736.53
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,540.95*	
23 05 19 00-0145	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	16,265.26	1,104.78
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*4,919.49*	
23 05 19 00-0146	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	24,272.30	1,227.54
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*7,636.03*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0147		Turbine Flowmeter *(23 05 19)*		
23 05 19 00-0148	EA	Saddle Mount Turbine Flowmeter	1,057.29	90.81
23 05 19 00-0149		Flowmeters *(23 05 19)*		
23 05 19 00-0150		Polyvinyl Chloride (PVC) Turbine Flowmeters *(23 05 19 00-0149)*		
23 05 19 00-0151	EA	2", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,874.03	208.13
23 05 19 00-0152	EA	3", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,208.69	221.94
23 05 19 00-0153	EA	4", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,534.10	231.26
23 05 19 00-0154	EA	6", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	3,161.13	237.80
23 05 19 00-0155	EA	2", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,813.08	161.40
23 05 19 00-0156	EA	3", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,252.54	205.84
23 05 19 00-0157	EA	4", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	2,810.97	345.08
23 05 19 00-0158	EA	6", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	3,692.64	435.89
23 05 19 00-0159	EA	2", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	3,055.64	208.13
		For Analog Output, Add	*75.00*	
23 05 19 00-0160	EA	3", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	3,390.30	221.94
		For Analog Output, Add	*75.00*	
23 05 19 00-0161	EA	4", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	3,715.71	231.26
		For Analog Output, Add	*75.00*	
23 05 19 00-0162	EA	6", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	4,342.74	237.80
		For Analog Output, Add	*75.00*	
23 05 19 00-0163	EA	2", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	2,994.68	161.40
		For Analog Output, Add	*75.00*	
23 05 19 00-0164	EA	3", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	3,434.14	205.84
		For Analog Output, Add	*75.00*	
23 05 19 00-0165	EA	4", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	3,992.58	345.08
		For Analog Output, Add	*75.00*	
23 05 19 00-0166	EA	6", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	4,874.24	435.89
		For Analog Output, Add	*75.00*	
23 05 19 00-0167	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,748.73	208.13
23 05 19 00-0168	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,083.39	221.94
23 05 19 00-0169	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,408.80	231.26
23 05 19 00-0170	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	4,035.83	237.80
23 05 19 00-0171	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,902.18	208.25
23 05 19 00-0172	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,313.57	222.18
23 05 19 00-0173	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	3,715.71	231.26
23 05 19 00-0174	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	4,496.19	237.92
23 05 19 00-0175	EA	2", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,331.85	208.13
23 05 19 00-0176	EA	3", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,666.52	221.94
23 05 19 00-0177	EA	4", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,991.92	231.26
23 05 19 00-0178	EA	6", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	4,618.95	237.80
23 05 19 00-0179	EA	2", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,270.90	161.40
23 05 19 00-0180	EA	3", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	3,710.36	205.84
23 05 19 00-0181	EA	4", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	4,268.80	345.08
23 05 19 00-0182	EA	6", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	5,150.46	435.89
23 05 19 00-0183		Flanged, Main Line Flowmeters *(23 05 19 00-0149)* Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.		
23 05 19 00-0184		150 Lb., Flanged, Main Line Flow Meters *(23 05 19 00-0183)*		
23 05 19 00-0185	EA	2" x 14" Long, 150 Lb., Flanged, Main Line Flow Meter	4,274.83	161.40
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0186	EA	2-1/2" x 16" Long, 150 Lb., Flanged, Main Line Flow Meter	4,293.18	176.12
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0187	EA	3" x 16" Long, 150 Lb., Flanged, Main Line Flow Meter	4,330.65	206.09
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0188	EA	4" x 20" Long, 150 Lb., Flanged, Main Line Flow Meter	5,264.34	345.94
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0189	EA	6" x 22" Long, 150 Lb., Flanged, Main Line Flow Meter	6,147.22	435.89
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0190	EA	8" x 24" Long, 150 Lb., Flanged, Main Line Flow Meter	7,387.41	556.97
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0191	EA	10" x 26" Long, 150 Lb., Flanged, Main Line Flow Meter	9,177.37	667.52
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0192	EA	12" x 28" Long, 150 Lb., Flanged, Main Line Flow Meter	10,559.95	810.55
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0193	EA	14" x 42" Long, 150 Lb., Flanged, Main Line Flow Meter	12,901.95	953.59
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0194	EA	16" x 48" Long, 150 Lb., Flanged, Main Line Flow Meter	14,606.17	1,048.95
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0195	EA	18" x 54" Long, 150 Lb., Flanged, Main Line Flow Meter	16,348.63	1,163.38
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0196	EA	20" x 60" Long, 150 Lb., Flanged, Main Line Flow Meter	18,819.67	1,311.19
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0197	EA	24" x 60" Long, 150 Lb., Flanged, Main Line Flow Meter	25,047.15	1,609.18
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0198	EA	30" x 60" Long, 150 Lb., Flanged, Main Line Flow Meter	31,942.87	2,622.37
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0199	EA	36" x 60" Long, 150 Lb., Flanged, Main Line Flow Meter	38,760.82	3,496.50
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0200		**300 Lb., Flanged, Main Line Flow Meters** *(23 05 19 00-0183)*		
23 05 19 00-0201	EA	2" x 20" Long, 300 Lb., Flanged, Main Line Flow Meter	4,841.59	161.45
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0202	EA	2-1/2" x 20" Long, 300 Lb., Flanged, Main Line Flow Meter	4,859.94	176.12
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0203	EA	3" x 20" Long, 300 Lb., Flanged, Main Line Flow Meter	4,897.41	206.09
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0204	EA	4" x 24" Long, 300 Lb., Flanged, Main Line Flow Meter	5,701.42	345.08
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0205	EA	6" x 26" Long, 300 Lb., Flanged, Main Line Flow Meter	6,896.51	435.89
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0206	EA	8" x 28" Long, 300 Lb., Flanged, Main Line Flow Meter	8,602.60	556.97
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0207	EA	10" x 30" Long, 300 Lb., Flanged, Main Line Flow Meter	11,559.71	667.52
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0208	EA	12" x 32" Long, 300 Lb., Flanged, Main Line Flow Meter	14,623.38	810.55
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0209	EA	14" x 42" Long, 300 Lb., Flanged, Main Line Flow Meter	17,503.32	953.59
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0210	EA	16" x 48" Long, 300 Lb., Flanged, Main Line Flow Meter	20,129.74	1,048.95
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0211		**Adjustable, Insertion Turbine Flowmeters** *(23 05 19 00-0149)*		
23 05 19 00-0212	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	3,628.35	121.08
23 05 19 00-0213	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	3,724.41	121.08
23 05 19 00-0214	EA	For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	3,026.96	242.16
23 05 19 00-0215	EA	For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	3,244.10	121.08
23 05 19 00-0216	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	4,300.78	121.08
23 05 19 00-0217	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	4,396.84	121.08
23 05 19 00-0218		**Epoxy Coated Cast Iron High-Volume Turbine Meters** *(23 05 19 00-0149)* Note: AWWA C-701, Class II.		
23 05 19 00-0219		**Meters With Mechanical Display** *(23 05 19 00-0218)*		
23 05 19 00-0220	EA	2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	3,240.43	208.25
23 05 19 00-0221	EA	3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	3,993.45	222.18
23 05 19 00-0222	EA	4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	5,059.03	231.26
23 05 19 00-0223	EA	6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	7,200.01	237.92
23 05 19 00-0224	EA	8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	10,159.01	257.29
23 05 19 00-0225		**Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters** *(23 05 19 00-0218)*		
23 05 19 00-0226	EA	2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	3,595.86	208.25
23 05 19 00-0227	EA	3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	4,358.49	222.18
23 05 19 00-0228	EA	4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	5,472.09	231.26
23 05 19 00-0229	EA	6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	7,574.65	237.92
23 05 19 00-0230	EA	8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	10,509.64	257.29
23 05 19 00-0231		**Bronze High-Volume Turbine Meters** *(23 05 19 00-0149)* Note: AWWA C-701, Class II.		
23 05 19 00-0232		**Mechanical Display, Bronze High-Volume Turbine Meters** *(23 05 19 00-0231)*		
23 05 19 00-0233	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,476.46	181.62
23 05 19 00-0234	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,856.18	208.25
23 05 19 00-0235	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	4,315.26	222.18
23 05 19 00-0236	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	6,379.88	231.26
23 05 19 00-0237	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	11,522.80	237.92
23 05 19 00-0238		**Electrical Output, Bronze High-Volume Turbine Meters** *(23 05 19 00-0231)*		
23 05 19 00-0239	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter	2,841.50	181.62
23 05 19 00-0240	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter	3,226.02	208.25
23 05 19 00-0241	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter	4,680.29	222.18
23 05 19 00-0242	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter	6,744.91	231.26
23 05 19 00-0243	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter	12,185.63	237.92
23 05 19 00-0244		**Multi-Jet Meters** *(23 05 19 00-0149)*		
23 05 19 00-0245		**Hostile Environment Multi-Jet Meters** *(23 05 19 00-0244)* Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.		
23 05 19 00-0246	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,555.03	38.14
23 05 19 00-0247	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,815.61	50.25
23 05 19 00-0248	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	2,228.63	57.52
23 05 19 00-0249	EA	1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	3,734.46	75.68
23 05 19 00-0250	EA	2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	5,326.70	86.57

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0251		**High-Pressure Multi-Jet Meters** *(23 05 19 00-0244)*		
		Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.		
23 05 19 00-0252	EA	3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	4,639.83	50.25
23 05 19 00-0253	EA	1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	6,637.88	57.52
23 05 19 00-0254	EA	1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	12,096.66	75.68
23 05 19 00-0255	EA	2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	15,331.55	86.57
23 05 19 00-0256		**Flanged, 150 Lb., 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters** *(23 05 19 00-0149)*		
23 05 19 00-0257	EA	3", 45 To 250 GPM, Flanged, 150 Lb., 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	5,554.49	408.47
23 05 19 00-0258	EA	4", 55 To 500 GPM, Flanged, 150 Lb., 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	5,955.98	345.08
23 05 19 00-0259	EA	6", 120 To 1,200 GPM, Flanged, 150 Lb., 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	6,550.69	435.89
23 05 19 00-0260	EA	8", 150 To 1,500 GPM, Flanged, 150 Lb., 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	8,136.69	556.97
23 05 19 00-0261		**In-Line Flowmeters** *(23 05 19 00-0149)*		
23 05 19 00-0262		**Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton** *(23 05 19 00-0261)*		
23 05 19 00-0263	EA	3/4" In Line Flowmeter	593.62	50.25
23 05 19 00-0264	EA	1" In Line Flowmeter	608.16	57.52
23 05 19 00-0265	EA	1-1/2" In Line Flowmeter	899.96	75.68
23 05 19 00-0266	EA	3/4" In Line Flowmeter With SPDP Switch	813.75	50.25
23 05 19 00-0267	EA	1" In Line Flowmeter With SPDP Switch	828.29	57.52
23 05 19 00-0268	EA	1-1/2" In Line Flowmeter With SPDP Switch	1,221.48	75.68
23 05 19 00-0269		**Water Flow Switches** *(23 05 19)*		
23 05 19 00-0270	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	303.06	35.69
23 05 19 00-0271	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	314.12	35.69
23 05 19 00-0272	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	407.51	35.69
23 05 19 00-0273	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	421.65	35.69
23 05 19 00-0274	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	328.26	35.69
23 05 19 00-0275	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	341.15	35.69
23 05 19 00-0276	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	432.71	35.69
23 05 19 00-0277	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	445.61	35.69
23 05 19 00-0278	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	860.92	35.69
23 05 19 00-0279	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	873.41	35.69
23 05 19 00-0280	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	992.13	35.69
23 05 19 00-0281	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	1,009.32	35.69
23 05 19 00-0282	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	890.60	35.69
23 05 19 00-0283	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	907.78	35.69
23 05 19 00-0284	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	1,021.81	35.69
23 05 19 00-0285	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	1,040.56	35.69
23 05 19 00-0286		**Sight Glass** *(23 05 19)*		
23 05 19 00-0287		**In-Line, 316L Stainless Steel Body, Sight Glass With Clamp** *(23 05 19 00-0286)*		
23 05 19 00-0288	EA	1" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R100)	554.42	31.82
23 05 19 00-0289	EA	1-1/2" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R150)	645.05	46.59
23 05 19 00-0290	EA	2" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R200)	694.87	55.06
23 05 19 00-0291	EA	2-1/2" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R250)	879.82	65.58
23 05 19 00-0292	EA	3" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R250)	1,317.63	67.43
23 05 19 00-0293	EA	4" Diameter In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R400)	1,600.60	99.47

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additonal valves, 23 21 13 23-0713 for bolt and gasket sets.

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0001		**Gate Valves** *(23 05 23)*		
23 05 23 00-0002		**Class 125 Threaded, Bronze Gate Valves** *(23 05 23 00-0001)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0003	EA	1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	68.75	12.10
		For 150 Lb. Rating, Add	*3.35*	
		For 200 Lb. Rating, Add	*5.03*	
		For 250 Lb. Rating, Add	*8.38*	
		For 300 Lb. Rating, Add	*11.73*	
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0004	EA	3/8" Diameter, 125 Lb., Threaded Bronze Gate Valve	70.60	12.10
		For 150 Lb. Rating, Add	*3.35*	
		For 200 Lb. Rating, Add	*5.03*	
		For 250 Lb. Rating, Add	*8.38*	
		For 300 Lb. Rating, Add	*11.73*	
		For Work In Restricted Working Space, Add	*11.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0005	EA	1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	72.54	12.10
		For 150 Lb. Rating, Add	*3.35*	
		For 200 Lb. Rating, Add	*5.03*	
		For 250 Lb. Rating, Add	*8.38*	
		For 300 Lb. Rating, Add	*11.73*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0006	EA	3/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	92.60	13.31
		For 150 Lb. Rating, Add	*4.00*	
		For 200 Lb. Rating, Add	*6.00*	
		For 250 Lb. Rating, Add	*10.00*	
		For 300 Lb. Rating, Add	*13.99*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0007	EA	1" Diameter, 125 Lb., Threaded Bronze Gate Valve	124.08	15.13
		For 150 Lb. Rating, Add	*6.04*	
		For 200 Lb. Rating, Add	*9.06*	
		For 250 Lb. Rating, Add	*15.10*	
		For 300 Lb. Rating, Add	*21.14*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	162.10	16.10
		For 150 Lb. Rating, Add	*8.14*	
		For 200 Lb. Rating, Add	*12.21*	
		For 250 Lb. Rating, Add	*20.36*	
		For 300 Lb. Rating, Add	*28.50*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	195.69	18.63
		For 150 Lb. Rating, Add	*10.26*	
		For 200 Lb. Rating, Add	*15.39*	
		For 250 Lb. Rating, Add	*25.65*	
		For 300 Lb. Rating, Add	*35.91*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0010	EA	2" Diameter, 125 Lb., Threaded Bronze Gate Valve	250.21	22.03
		For 150 Lb. Rating, Add	*14.02*	
		For 200 Lb. Rating, Add	*21.03*	
		For 250 Lb. Rating, Add	*35.05*	
		For 300 Lb. Rating, Add	*49.07*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	548.47	29.76
		For Chain Operated Type, Add	*179.94*	
		For 150 Lb. Rating, Add	*39.99*	
		For 200 Lb. Rating, Add	*59.98*	
		For 250 Lb. Rating, Add	*99.97*	
		For 300 Lb. Rating, Add	*139.95*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0012	EA	3" Diameter, 125 Lb., Threaded Bronze Gate Valve	649.45	34.55
		For Chain Operated Type, Add	*215.09*	
		For 150 Lb. Rating, Add	*47.80*	
		For 200 Lb. Rating, Add	*71.70*	
		For 250 Lb. Rating, Add	*119.50*	
		For 300 Lb. Rating, Add	*167.29*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0013	EA	4" Diameter, 125 Lb., Threaded Bronze Gate Valve	1,333.72	39.01
		For Chain Operated Type, Add	*512.41*	
		For 150 Lb. Rating, Add	*113.87*	
		For 200 Lb. Rating, Add	*170.80*	
		For 250 Lb. Rating, Add	*284.67*	
		For 300 Lb. Rating, Add	*398.54*	
		For Work In Restricted Working Space, Add	*58.51*	

23 05 23 00-0014 Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0015	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	290.99	18.63
		For 150 Lb. Rating, Add	*39.58*	
		For 250 Lb. Rating, Add	*69.27*	
		For Chain Operated Type, Add	*69.27*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0016	EA	2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	444.43	22.03
		For 150 Lb. Rating, Add	*66.88*	
		For 250 Lb. Rating, Add	*117.05*	
		For Chain Operated Type, Add	*117.05*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0017	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	651.58	29.76
		For 150 Lb. Rating, Add	*100.59*	
		For 250 Lb. Rating, Add	*176.04*	
		For Chain Operated Type, Add	*176.04*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0018	EA	3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	831.39	34.55
		For 150 Lb. Rating, Add	*131.98*	
		For 250 Lb. Rating, Add	*230.97*	
		For Chain Operated Type, Add	*230.97*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0019	EA	4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,971.48	39.01
		For 150 Lb. Rating, Add	*355.29*	
		For 250 Lb. Rating, Add	*621.75*	
		For Chain Operated Type, Add	*621.75*	
		For Work In Restricted Working Space, Add	*58.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0020		Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0021	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	767.17	127.06
		For 150 Lb. Rating, Add	*176.31*	
		For 250 Lb. Rating, Add	*303.98*	
		For 300 Lb. Rating, ASTM A182, Add	*687.56*	
		For Chain Operated Type, Add	*303.98*	
		For Work In Restricted Working Space, Add	*47.77*	
23 05 23 00-0022	EA	2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	837.50	161.30
		For 150 Lb. Rating, Add	*184.39*	
		For 250 Lb. Rating, Add	*317.91*	
		For 300 Lb. Rating, ASTM A182, Add	*736.66*	
		For Chain Operated Type, Add	*317.91*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-0023	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	965.51	161.61
		For 150 Lb. Rating, Add	*221.23*	
		For 250 Lb. Rating, Add	*381.43*	
		For 300 Lb. Rating, ASTM A182, Add	*864.19*	
		For Chain Operated Type, Add	*381.43*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0024	EA	3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,190.67	189.47
		For 150 Lb. Rating, Add	*276.52*	
		For 250 Lb. Rating, Add	*476.77*	
		For 300 Lb. Rating, ASTM A182, Add	*1,072.10*	
		For Chain Operated Type, Add	*476.77*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0025	EA	4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,669.49	317.65
		For 150 Lb. Rating, Add	*368.72*	
		For 250 Lb. Rating, Add	*635.72*	
		For 300 Lb. Rating, ASTM A182, Add	*1,470.47*	
		For Chain Operated Type, Add	*635.72*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0026	EA	5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,096.54	355.59
		For 150 Lb. Rating, Add	*479.29*	
		For 250 Lb. Rating, Add	*826.36*	
		For 300 Lb. Rating, ASTM A182, Add	*1,874.63*	
		For Chain Operated Type, Add	*826.36*	
		For Work In Restricted Working Space, Add	*133.15*	
23 05 23 00-0027	EA	6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,529.54	395.11
		For 150 Lb. Rating, Add	*589.83*	
		For 250 Lb. Rating, Add	*1,016.95*	
		For 300 Lb. Rating, ASTM A182, Add	*2,281.72*	
		For Chain Operated Type, Add	*1,016.95*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0028	EA	8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,996.31	504.86
		For 150 Lb. Rating, Add	*977.06*	
		For 250 Lb. Rating, Add	*1,684.58*	
		For 300 Lb. Rating, ASTM A182, Add	*3,682.74*	
		For Chain Operated Type, Add	*1,684.58*	
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0029	EA	10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,217.79	614.61
		For 150 Lb. Rating, Add	*1,290.36*	
		For 250 Lb. Rating, Add	*2,224.77*	
		For 300 Lb. Rating, ASTM A182, Add	*4,833.66*	
		For Chain Operated Type, Add	*2,224.77*	
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0030	EA	12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,288.02	746.31
		For 150 Lb. Rating, Add	*1,843.47*	
		For 250 Lb. Rating, Add	*3,178.40*	
		For 300 Lb. Rating, ASTM A182, Add	*6,822.41*	
		For Chain Operated Type, Add	*3,178.40*	
		For Work In Restricted Working Space, Add	*279.37*	
23 05 23 00-0031		Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0032	EA	1-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	578.21	18.63
		For 175 Lb. Rating, Add	*242.57*	
		For 250 Lb. Rating, Add	*363.85*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0033	EA	2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	737.16	22.03
		For 175 Lb. Rating, Add	*313.58*	
		For 250 Lb. Rating, Add	*470.36*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0034	EA	2-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	855.80	29.76
		For 175 Lb. Rating, Add	*353.60*	
		For 250 Lb. Rating, Add	*530.39*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0035	EA	3" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	951.78	34.55
		For 175 Lb. Rating, Add	*390.16*	
		For 250 Lb. Rating, Add	*585.23*	
		For Work In Restricted Working Space, Add	*51.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0036	EA	4" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,272.54	39.01
		For 175 Lb. Rating, Add	*538.75*	
		For 250 Lb. Rating, Add	*808.13*	
		For Work In Restricted Working Space, Add	*58.51*	

23 05 23 00-0037 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,035.62	127.06
		For 150 Lb. Rating, Add	*131.46*	
		For 175 Lb. Rating, Add	*271.68*	
		For 250 Lb. Rating, Add	*569.66*	
		For Chain Operated Type, Add	*438.20*	
		For Work In Restricted Working Space, Add	*47.77*	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,104.12	161.30
		For 150 Lb. Rating, Add	*135.37*	
		For 175 Lb. Rating, Add	*279.76*	
		For 250 Lb. Rating, Add	*586.59*	
		For Chain Operated Type, Add	*451.22*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,134.54	161.61
		For 150 Lb. Rating, Add	*139.78*	
		For 175 Lb. Rating, Add	*288.89*	
		For 250 Lb. Rating, Add	*605.73*	
		For Chain Operated Type, Add	*465.95*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,262.47	189.47
		For 150 Lb. Rating, Add	*153.80*	
		For 175 Lb. Rating, Add	*317.85*	
		For 250 Lb. Rating, Add	*666.46*	
		For Chain Operated Type, Add	*512.67*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,641.51	317.65
		For 150 Lb. Rating, Add	*186.52*	
		For 175 Lb. Rating, Add	*385.47*	
		For 250 Lb. Rating, Add	*808.25*	
		For Chain Operated Type, Add	*621.73*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,178.72	355.59
		For 150 Lb. Rating, Add	*260.24*	
		For 175 Lb. Rating, Add	*537.82*	
		For 250 Lb. Rating, Add	*1,127.69*	
		For Chain Operated Type, Add	*867.45*	
		For Work In Restricted Working Space, Add	*133.15*	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,476.97	395.11
		For 150 Lb. Rating, Add	*297.20*	
		For 175 Lb. Rating, Add	*614.21*	
		For 250 Lb. Rating, Add	*1,287.86*	
		For Chain Operated Type, Add	*990.66*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,978.10	504.86
		For 150 Lb. Rating, Add	*502.64*	
		For 175 Lb. Rating, Add	*1,038.79*	
		For 250 Lb. Rating, Add	*2,178.12*	
		For Chain Operated Type, Add	*1,675.48*	
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,925.37	614.61
		For 150 Lb. Rating, Add	*773.57*	
		For 175 Lb. Rating, Add	*1,598.70*	
		For 250 Lb. Rating, Add	*3,352.12*	
		For Chain Operated Type, Add	*2,578.56*	
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,467.43	746.31
		For 150 Lb. Rating, Add	*980.43*	
		For 175 Lb. Rating, Add	*2,026.22*	
		For 250 Lb. Rating, Add	*4,248.53*	
		For Chain Operated Type, Add	*3,268.10*	
		For Work In Restricted Working Space, Add	*279.37*	
23 05 23 00-0048	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	15,264.89	1,061.19
		For 150 Lb. Rating, Add	*2,090.76*	
		For 175 Lb. Rating, Add	*4,320.90*	
		For 250 Lb. Rating, Add	*9,059.95*	
		For Work In Restricted Working Space, Add	*397.95*	
23 05 23 00-0049	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	19,998.61	1,167.31
		For 150 Lb. Rating, Add	*2,780.92*	
		For 175 Lb. Rating, Add	*5,747.24*	
		For 250 Lb. Rating, Add	*12,050.66*	
		For Work In Restricted Working Space, Add	*437.74*	
23 05 23 00-0050	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	27,573.90	1,294.66
		For 150 Lb. Rating, Add	*3,893.34*	
		For 175 Lb. Rating, Add	*8,046.23*	
		For 250 Lb. Rating, Add	*16,871.13*	
		For Work In Restricted Working Space, Add	*485.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0051	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	35,190.28	1,459.14
		For 150 Lb. Rating, Add	*5,004.95*	
		For 175 Lb. Rating, Add	*10,343.57*	
		For 250 Lb. Rating, Add	*21,688.13*	
		For Work In Restricted Working Space, Add	*547.18*	
23 05 23 00-0052	EA	24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	48,268.05	1,790.76
		For 150 Lb. Rating, Add	*6,904.44*	
		For 175 Lb. Rating, Add	*14,269.18*	
		For 250 Lb. Rating, Add	*29,919.24*	
		For Work In Restricted Working Space, Add	*671.54*	
23 05 23 00-0053	EA	30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	101,460.75	2,918.28
		For 150 Lb. Rating, Add	*14,671.94*	
		For 175 Lb. Rating, Add	*30,322.00*	
		For 250 Lb. Rating, Add	*63,578.39*	
		For Work In Restricted Working Space, Add	*1,094.36*	
23 05 23 00-0054	EA	36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	129,143.72	3,891.05
		For 150 Lb. Rating, Add	*18,641.99*	
		For 175 Lb. Rating, Add	*38,526.78*	
		For 250 Lb. Rating, Add	*80,781.95*	
		For Work In Restricted Working Space, Add	*1,459.14*	
23 05 23 00-0055	EA	42" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	151,160.75	4,934.01
		For 150 Lb. Rating, Add	*21,748.99*	
		For 175 Lb. Rating, Add	*44,947.90*	
		For 250 Lb. Rating, Add	*94,245.61*	
		For Work In Restricted Working Space, Add	*1,850.25*	
23 05 23 00-0056	EA	48" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	181,598.99	6,167.51
		For 150 Lb. Rating, Add	*26,083.44*	
		For 175 Lb. Rating, Add	*53,905.78*	
		For 250 Lb. Rating, Add	*113,028.24*	
		For Work In Restricted Working Space, Add	*2,312.82*	
23 05 23 00-0057	EA	54" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	217,918.79	7,401.01
		For 150 Lb. Rating, Add	*31,300.13*	
		For 175 Lb. Rating, Add	*64,686.93*	
		For 250 Lb. Rating, Add	*135,633.89*	
		For Work In Restricted Working Space, Add	*2,775.38*	

23 05 23 00-0058 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0059	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	174.27	12.10
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0060	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	178.06	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0061	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	210.31	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0062	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	255.29	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0063	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	389.80	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0064	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	461.01	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0065	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	579.68	22.03
		For Work In Restricted Working Space, Add	*33.00*	

23 05 23 00-0066 Cast Steel Flanged Gate Valves *(23 05 23 00-0001)*

23 05 23 00-0067 Class 150, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0066)*

23 05 23 00-0068	EA	2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	2,288.67	161.30
		For Work In Restricted Working Space, Add	*60.51*	
23 05 23 00-0069	EA	2-1/2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	3,195.99	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0070	EA	3" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	3,230.48	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0071	EA	4" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	4,184.84	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0072	EA	6" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	6,231.53	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0073	EA	8" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	9,669.84	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0074	EA	10" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	13,966.35	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0075	EA	12" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	17,812.70	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0076 Class 300, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0066)*

23 05 23 00-0077	EA	2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	3,009.96	161.30
		For Work In Restricted Working Space, Add	*60.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0078	EA	2-1/2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	3,917.84	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0079	EA	3" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	3,952.33	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0080	EA	4" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	5,643.34	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0081	EA	6" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	9,183.00	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0082	EA	8" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	13,774.86	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0083	EA	10" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	17,742.54	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0084	EA	12" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	30,125.04	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0085 Class 600, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0066)*

23 05 23 00-0086	EA	2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	4,439.29	161.30
		For Work In Restricted Working Space, Add	*60.51*	
23 05 23 00-0087	EA	2-1/2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	5,644.18	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0088	EA	3" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	5,678.67	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0089	EA	4" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	8,536.47	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0090	EA	6" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	16,682.34	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0091	EA	8" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	35,575.44	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0092	EA	10" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	52,993.13	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0093	EA	12" Diameter, Class 600, Cast Steel, Flanged, Gate Valve	70,708.48	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0094 Ball Valves *(23 05 23)*

23 05 23 00-0095 Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0094)*

Note: 125 Lb. WSP.

23 05 23 00-0096	EA	1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	54.06	12.10
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*6.76*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0097	EA	3/4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	75.73	13.31
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*10.40*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0098	EA	1" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	94.88	15.13
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*14.04*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0099	EA	1-1/4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	133.05	16.10
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*23.57*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0100	EA	1-1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	159.98	18.63
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*30.11*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0101	EA	2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	193.81	22.03
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*37.71*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0102	EA	2-1/2" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	544.08	29.76
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*177.96*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0103	EA	3" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	627.76	34.55
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*205.33*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0104	EA	4" Diameter Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	817.13	39.01
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*279.94*	
		For Work In Restricted Working Space, Add	*58.51*	

23 05 23 00-0105 Screwed, 150 Lb., Full Port, Carbon Steel Ball Valves *(23 05 23 00-0094)*

23 05 23 00-0106	EA	1/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	64.00	12.10
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0107	EA	1/2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	70.25	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0108	EA	3/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	97.77	13.31
		For Work In Restricted Working Space, Add	*15.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0109	EA	1" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	124.40	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0110	EA	1-1/4" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	184.43	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0111	EA	1-1/2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	224.53	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0112	EA	2" Diameter Threaded, 150 Lb., Full Port, Carbon Steel Ball Valve	291.01	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0113		**Flanged, 150 Lb., Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0094)*		
23 05 23 00-0114	EA	1-1/2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	615.68	127.06
		For 150 Lb. Rating, Add	*132.37*	
		For 250 Lb. Rating, Add	*228.23*	
		For 300 Lb. Rating, ASTM A182, Add	*536.07*	
		For Chain Operated Type, Add	*228.23*	
		For Work In Restricted Working Space, Add	*47.77*	
		For Work In Restricted Working Space, Add	*47.77*	
23 05 23 00-0115	EA	2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	767.96	161.30
		For 150 Lb. Rating, Add	*164.22*	
		For 250 Lb. Rating, Add	*283.14*	
		For 300 Lb. Rating, ASTM A182, Add	*667.12*	
		For Chain Operated Type, Add	*283.14*	
		For Work In Restricted Working Space, Add	*60.50*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-0116	EA	2-1/2" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,237.10	161.61
		For 150 Lb. Rating, Add	*299.99*	
		For 250 Lb. Rating, Add	*517.23*	
		For 300 Lb. Rating, ASTM A182, Add	*1,135.78*	
		For Chain Operated Type, Add	*517.23*	
		For Work In Restricted Working Space, Add	*60.80*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0117	EA	3" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,355.59	189.47
		For 150 Lb. Rating, Add	*324.35*	
		For 250 Lb. Rating, Add	*559.23*	
		For 300 Lb. Rating, ASTM A182, Add	*1,237.02*	
		For Chain Operated Type, Add	*559.23*	
		For Work In Restricted Working Space, Add	*71.14*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0118	EA	4" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,969.02	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0119	EA	6" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	4,755.09	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0120	EA	8" Diameter Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	8,184.63	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0121		**Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves** *(23 05 23 00-0094)*		
23 05 23 00-0122	EA	1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	45.37	12.10
		For True Union Socket Or Thread Type, Add	*4.59*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0123	EA	3/4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	59.92	13.31
		For True Union Socket Or Thread Type, Add	*5.68*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0124	EA	1" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	73.85	15.13
		For True Union Socket Or Thread Type, Add	*7.41*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0125	EA	1-1/4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	94.02	16.10
		For True Union Socket Or Thread Type, Add	*9.58*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0126	EA	1-1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	116.30	18.63
		For True Union Socket Or Thread Type, Add	*14.17*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0127	EA	2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	139.61	22.03
		For True Union Socket Or Thread Type, Add	*17.62*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0128	EA	2-1/2" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	212.29	29.76
		For True Union Socket Or Thread Type, Add	*33.27*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0129	EA	3" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	279.75	34.55
		For True Union Socket Or Thread Type, Add	*52.31*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0130	EA	4" Diameter Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	402.08	39.01
		For True Union Socket Or Thread Type, Add	*93.06*	
		For Work In Restricted Working Space, Add	*58.51*	
23 05 23 00-0131		**Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves** *(23 05 23 00-0094)*		
23 05 23 00-0132	EA	1/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	98.05	18.15
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0133	EA	3/8" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	100.83	18.15
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*16.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0134	EA	1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	103.75	18.15
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*17.57*	
23 05 23 00-0135	EA	3/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	126.83	19.97
		For Full Port, Add	*21.56*	
		For Work In Restricted Working Space, Add	*23.67*	
23 05 23 00-0136	EA	1" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	166.52	22.69
		For Full Port, Add	*31.94*	
		For Work In Restricted Working Space, Add	*28.66*	
23 05 23 00-0137	EA	1-1/4" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	218.16	24.14
		For Full Port, Add	*43.72*	
		For Work In Restricted Working Space, Add	*36.30*	
23 05 23 00-0138	EA	1-1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	268.80	27.95
		For Full Port, Add	*58.13*	
		For Work In Restricted Working Space, Add	*41.89*	
23 05 23 00-0139	EA	2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	375.24	33.03
		For Full Port, Add	*94.60*	
		For Work In Restricted Working Space, Add	*49.50*	
23 05 23 00-0140	EA	2-1/2" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	733.08	44.64
		For Full Port, Add	*229.58*	
		For Work In Restricted Working Space, Add	*66.87*	
23 05 23 00-0141	EA	3" Diameter Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	1,067.33	51.82
		For Full Port, Add	*364.55*	
		For Work In Restricted Working Space, Add	*77.16*	
23 05 23 00-0142		**Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valves** *(23 05 23 00-0094)*		
23 05 23 00-0143	EA	1/2" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	109.95	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0144	EA	3/4" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	154.17	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0145	EA	1" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	199.09	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0146	EA	1-1/4" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	275.71	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0147	EA	1-1/2" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	354.20	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0148	EA	2" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	477.52	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0149	EA	2-1/2" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	946.49	29.76
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0150	EA	3" Diameter Threaded, 150 Lb., Full Port, Stainless Steel Body, Ball Valve	1,283.66	34.55
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0151		**Wye Strainer, Union With Two Pressure Ports, Ball Valves** *(23 05 23 00-0094)*		
23 05 23 00-0152	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	181.22	12.10
23 05 23 00-0153	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	232.43	15.73
23 05 23 00-0154	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	299.63	19.36
23 05 23 00-0155	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	409.03	26.62
23 05 23 00-0156	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	511.74	30.97
23 05 23 00-0157	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	675.63	36.31
23 05 23 00-0158		**Plastic Ball Valves** *(23 05 23 00-0094)* Note: Threaded or socket.		
23 05 23 00-0159		**Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valves** *(23 05 23 00-0158)*		
23 05 23 00-0160	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	74.41	12.10
23 05 23 00-0161	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	77.71	12.10
23 05 23 00-0162	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	98.48	13.31
23 05 23 00-0163	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	127.98	15.13
23 05 23 00-0164	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	152.40	16.10
23 05 23 00-0165	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	184.43	18.63
23 05 23 00-0166	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	224.55	22.03
23 05 23 00-0167		**Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valves** *(23 05 23 00-0158)*		
23 05 23 00-0168	EA	3/8" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	110.91	12.10
23 05 23 00-0169	EA	1/2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	112.55	12.10
23 05 23 00-0170	EA	3/4" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	141.61	13.31
23 05 23 00-0171	EA	1" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	174.83	15.13
23 05 23 00-0172	EA	1-1/4" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	263.14	16.10

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23 05 23 00-0173	EA	1-1/2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	292.14	18.63
23 05 23 00-0174	EA	2" Diameter, Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	350.54	22.03
23 05 23 00-0175		Viton Liner And Seals, Polypropylene (PP) Ball Valves *(23 05 23 00-0158)*		
23 05 23 00-0176	EA	3/8" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	123.35	12.10
23 05 23 00-0177	EA	1/2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	133.28	12.10
23 05 23 00-0178	EA	3/4" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	153.22	13.31
23 05 23 00-0179	EA	1" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	188.10	15.13
23 05 23 00-0180	EA	1-1/4" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	236.60	16.10
23 05 23 00-0181	EA	1-1/2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	283.84	18.63
23 05 23 00-0182	EA	2" Diameter, Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	367.12	22.03
23 05 23 00-0183		Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valves *(23 05 23 00-0158)*		
23 05 23 00-0184	EA	3/8" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	246.10	12.10
23 05 23 00-0185	EA	1/2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	262.67	12.10
23 05 23 00-0186	EA	3/4" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	312.46	13.31
23 05 23 00-0187	EA	1" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	365.59	15.13
23 05 23 00-0188	EA	1-1/4" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	445.61	16.10
23 05 23 00-0189	EA	1-1/2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	491.19	18.63
23 05 23 00-0190	EA	2" Diameter, Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	566.18	22.03
23 05 23 00-0191		Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valves *(23 05 23 00-0158)*		
23 05 23 00-0192	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	51.41	12.10
23 05 23 00-0193	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	68.87	13.31
23 05 23 00-0194	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	83.60	15.13
23 05 23 00-0195	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	115.84	16.10
23 05 23 00-0196	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	128.25	18.63
23 05 23 00-0197	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	156.37	22.03
23 05 23 00-0198		Plastic, True Union, Ball Valves *(23 05 23 00-0094)*		
23 05 23 00-0199		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valves *(23 05 23 00-0198)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0200	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	120.03	12.10
23 05 23 00-0201	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	124.99	12.10
23 05 23 00-0202	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	151.56	13.31
23 05 23 00-0203	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	186.44	15.13
23 05 23 00-0204	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	224.99	16.10
23 05 23 00-0205	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	258.96	18.63
23 05 23 00-0206	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	317.36	22.03
23 05 23 00-0207		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valves *(23 05 23 00-0198)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0208	EA	3/8" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	121.69	12.10
23 05 23 00-0209	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	141.58	12.10
23 05 23 00-0210	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	153.22	13.31
23 05 23 00-0211	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	186.44	15.13
23 05 23 00-0212	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	221.67	16.10
23 05 23 00-0213	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	257.30	18.63
23 05 23 00-0214	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	317.36	22.03

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0215		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0198)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0216	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	66.93	12.10
23 05 23 00-0217	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	86.04	13.31
23 05 23 00-0218	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	103.50	15.13
23 05 23 00-0219	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	136.24	16.10
23 05 23 00-0220	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	159.43	18.63
23 05 23 00-0221	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	217.83	22.03
23 05 23 00-0222	EA	2-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	304.54	29.76
23 05 23 00-0223	EA	3" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	383.80	34.55
23 05 23 00-0224	EA	4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	543.39	39.01
23 05 23 00-0225		Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valves *(23 05 23 00-0198)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0226	EA	1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	78.54	12.10
23 05 23 00-0227	EA	3/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	102.62	13.31
23 05 23 00-0228	EA	1" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	126.72	15.13
23 05 23 00-0229	EA	1-1/4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	176.88	16.10
23 05 23 00-0230	EA	1-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	194.27	18.63
23 05 23 00-0231	EA	2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	249.35	22.03
23 05 23 00-0232	EA	2-1/2" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	430.61	29.76
23 05 23 00-0233	EA	3" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	503.23	34.55
23 05 23 00-0234	EA	4" Diameter, Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	775.62	39.01
23 05 23 00-0235		Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0198)*		
23 05 23 00-0236		Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0235)*		
23 05 23 00-0237	EA	1/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.68	12.10
23 05 23 00-0238	EA	3/8" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	66.53	12.10
23 05 23 00-0239	EA	1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	68.16	12.10
23 05 23 00-0240	EA	3/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	87.03	13.31
23 05 23 00-0241	EA	1" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	106.61	15.13
23 05 23 00-0242	EA	1-1/4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	129.79	16.10
23 05 23 00-0243	EA	1-1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	156.14	18.63
23 05 23 00-0244	EA	2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	199.59	22.03
23 05 23 00-0245	EA	2-1/2" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	370.06	29.76
23 05 23 00-0246	EA	3" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	412.00	34.55
23 05 23 00-0247	EA	4" Diameter Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	569.10	39.01
23 05 23 00-0248		Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0235)*		
23 05 23 00-0249	EA	1/4" Diameter Threaded Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.68	12.10
23 05 23 00-0250	EA	3/8" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	66.53	12.10
23 05 23 00-0251	EA	1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	68.16	12.10
23 05 23 00-0252	EA	3/4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	87.03	13.31
23 05 23 00-0253	EA	1" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	106.61	15.13
23 05 23 00-0254	EA	1-1/4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	129.79	16.10
23 05 23 00-0255	EA	1-1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	156.14	18.63
23 05 23 00-0256	EA	2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	199.59	22.03
23 05 23 00-0257	EA	2-1/2" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	370.06	29.76
23 05 23 00-0258	EA	3" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	412.00	34.55
23 05 23 00-0259	EA	4" Diameter Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	569.10	39.01
23 05 23 00-0260		Three Piece Ball Valves *(23 05 23 00-0094)*		
23 05 23 00-0261		Threaded Or Sweated, Bronze Body, Three Piece Ball Valves *(23 05 23 00-0260)*		
23 05 23 00-0262	EA	1/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	103.31	12.10
		For Work In Restricted Working Space, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0263	EA	3/8" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	105.16	12.10
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0264	EA	1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	117.93	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0265	EA	3/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	149.45	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0266	EA	1" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	190.86	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0267	EA	1-1/4" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	263.48	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0268	EA	1-1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	329.73	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0269	EA	2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	538.80	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0270	EA	2-1/2" Diameter Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	1,158.28	31.58
		For Work In Restricted Working Space, Add	*48.39*	

23 05 23 00-0271 Threaded, Carbon Steel Body, Three Piece Ball Valves *(23 05 23 00-0260)*

23 05 23 00-0272	EA	1/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	119.74	12.10
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0273	EA	3/8" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	131.11	12.10
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0274	EA	1/2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	139.12	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0275	EA	3/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	221.85	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0276	EA	1" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	283.38	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0277	EA	1-1/4" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	428.86	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0278	EA	1-1/2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	545.52	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0279	EA	2" Diameter Threaded, Carbon Steel Body, Three Piece Ball Valve	709.27	22.03
		For Work In Restricted Working Space, Add	*33.00*	

23 05 23 00-0280 Threaded, Stainless Steel Body, Three Piece Ball Valves *(23 05 23 00-0260)*

23 05 23 00-0281	EA	1/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	308.46	12.10
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0282	EA	3/8" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	330.66	12.10
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0283	EA	1/2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	348.53	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0284	EA	3/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	505.64	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0285	EA	1" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	616.44	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0286	EA	1-1/4" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	719.95	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0287	EA	1-1/2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	964.06	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0288	EA	2" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	1,254.70	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0289	EA	3" Diameter Threaded, Stainless Steel Body, Three Piece Ball Valve	3,298.85	37.51
		For Work In Restricted Working Space, Add	*55.85*	

23 05 23 00-0290 Globe Valves *(23 05 23)*

23 05 23 00-0291 Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valves *(23 05 23 00-0290)*

23 05 23 00-0292	EA	1/8" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	77.17	12.10
		For 150 Lb. Rating, Add	*11.82*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 300 Lb. Rating, Add	*20.98*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0293	EA	1/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	73.38	12.10
		For 150 Lb. Rating, Add	*11.82*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 300 Lb. Rating, Add	*20.98*	
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0294	EA	3/8" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	94.02	12.10
		For 150 Lb. Rating, Add	*17.65*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 300 Lb. Rating, Add	*31.31*	
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0295	EA	1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	95.96	12.10
		For 150 Lb. Rating, Add	*17.65*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 300 Lb. Rating, Add	*31.31*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*78.24*	
		For Work In Restricted Working Space, Add	*11.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0296	EA	3/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	114.34	12.70
		For 150 Lb. Rating, Add	*19.13*	
		For 200 Lb. Rating, Add	*23.45*	
		For 250 Lb. Rating, Add	*27.77*	
		For 300 Lb. Rating, Add	*33.95*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*88.94*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0297	EA	1" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	147.10	12.70
		For 150 Lb. Rating, Add	*25.86*	
		For 200 Lb. Rating, Add	*31.70*	
		For 250 Lb. Rating, Add	*37.53*	
		For 300 Lb. Rating, Add	*45.88*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*117.23*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0298	EA	1-1/4" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	224.73	16.10
		For 150 Lb. Rating, Add	*44.66*	
		For 200 Lb. Rating, Add	*54.74*	
		For 250 Lb. Rating, Add	*64.83*	
		For 300 Lb. Rating, Add	*79.23*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*190.73*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0299	EA	1-1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	298.97	18.63
		For 150 Lb. Rating, Add	*63.83*	
		For 200 Lb. Rating, Add	*78.24*	
		For 250 Lb. Rating, Add	*92.65*	
		For 300 Lb. Rating, Add	*113.24*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*263.71*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0300	EA	2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	352.05	22.03
		For 150 Lb. Rating, Add	*75.03*	
		For 200 Lb. Rating, Add	*91.98*	
		For 250 Lb. Rating, Add	*108.92*	
		For 300 Lb. Rating, Add	*133.12*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*310.25*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0301	EA	2-1/2" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	392.64	29.76
		For 150 Lb. Rating, Add	*75.65*	
		For 200 Lb. Rating, Add	*92.73*	
		For 250 Lb. Rating, Add	*109.81*	
		For 300 Lb. Rating, Add	*134.22*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0302	EA	3" Diameter, Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	718.19	34.55
		For 150 Lb. Rating, Add	*169.48*	
		For 200 Lb. Rating, Add	*207.75*	
		For 250 Lb. Rating, Add	*246.02*	
		For 300 Lb. Rating, Add	*300.70*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0303		Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0290)*		
23 05 23 00-0304	EA	2" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	535.26	22.03
		For 150 Lb. Rating, Add	*131.83*	
		For 200 Lb. Rating, Add	*161.60*	
		For 250 Lb. Rating, Add	*191.36*	
		For 300 Lb. Rating, Add	*233.89*	
		For Chain Operated Type, Add	*355.08*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0305	EA	2-1/2" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	664.06	29.76
		For 150 Lb. Rating, Add	*159.79*	
		For 200 Lb. Rating, Add	*195.87*	
		For 250 Lb. Rating, Add	*231.95*	
		For 300 Lb. Rating, Add	*283.50*	
		For Chain Operated Type, Add	*430.40*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0306	EA	3" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	790.01	34.55
		For 150 Lb. Rating, Add	*191.75*	
		For 200 Lb. Rating, Add	*235.05*	
		For 250 Lb. Rating, Add	*278.34*	
		For 300 Lb. Rating, Add	*340.20*	
		For Chain Operated Type, Add	*516.48*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0307	EA	4" Diameter Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,019.71	39.01
		For 150 Lb. Rating, Add	*255.66*	
		For 200 Lb. Rating, Add	*313.39*	
		For 250 Lb. Rating, Add	*371.12*	
		For 300 Lb. Rating, Add	*453.60*	
		For Chain Operated Type, Add	*688.64*	
		For Work In Restricted Working Space, Add	*58.50*	
23 05 23 00-0308		Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0290)*		
23 05 23 00-0309	EA	2" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	722.52	161.30
		For 150 Lb. Rating, Add	*161.46*	
		For 250 Lb. Rating, Add	*234.38*	
		For Chain Operated Type, Add	*260.42*	
		For Work In Restricted Working Space, Add	*60.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0310	EA	2-1/2" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	837.58	161.61
		For 150 Lb. Rating, Add	*196.83*	
		For 250 Lb. Rating, Add	*285.72*	
		For Chain Operated Type, Add	*317.47*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0311	EA	3" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	999.06	189.47
		For 150 Lb. Rating, Add	*236.20*	
		For 250 Lb. Rating, Add	*342.86*	
		For Chain Operated Type, Add	*380.96*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0312	EA	4" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,413.94	317.65
		For 150 Lb. Rating, Add	*314.93*	
		For 250 Lb. Rating, Add	*457.15*	
		For Chain Operated Type, Add	*507.95*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0313	EA	5" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,856.54	355.59
		For 150 Lb. Rating, Add	*437.94*	
		For 250 Lb. Rating, Add	*635.72*	
		For Chain Operated Type, Add	*706.36*	
		For Work In Restricted Working Space, Add	*133.15*	
23 05 23 00-0314	EA	6" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	2,281.39	395.11
		For 150 Lb. Rating, Add	*553.58*	
		For 250 Lb. Rating, Add	*803.58*	
		For Chain Operated Type, Add	*892.87*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0315	EA	8" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	3,373.22	504.86
		For 150 Lb. Rating, Add	*851.28*	
		For 250 Lb. Rating, Add	*1,235.73*	
		For Chain Operated Type, Add	*1,373.04*	
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0316	EA	10" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	4,950.86	614.61
		For 150 Lb. Rating, Add	*1,296.61*	
		For 250 Lb. Rating, Add	*1,882.17*	
		For Chain Operated Type, Add	*2,091.30*	
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0317	EA	12" Diameter Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	8,845.85	746.31
		For 150 Lb. Rating, Add	*2,453.53*	
		For 250 Lb. Rating, Add	*3,561.58*	
		For Chain Operated Type, Add	*3,957.31*	
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0318 Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valves *(23 05 23 00-0290)*

23 05 23 00-0319	EA	1/8" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	67.92	12.10
		For 150 Lb. Rating, Add	*8.96*	
		For 200 Lb. Rating, Add	*10.98*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0320	EA	1/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	64.13	12.10
		For 150 Lb. Rating, Add	*8.96*	
		For 200 Lb. Rating, Add	*10.98*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0321	EA	3/8" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	65.98	12.10
		For 150 Lb. Rating, Add	*8.96*	
		For 200 Lb. Rating, Add	*10.98*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0322	EA	1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	69.85	12.10
		For 150 Lb. Rating, Add	*9.55*	
		For 200 Lb. Rating, Add	*11.71*	
		For 300 Lb. Rating, Add	*16.95*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0323	EA	3/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	95.36	12.70
		For 150 Lb. Rating, Add	*13.25*	
		For 200 Lb. Rating, Add	*16.24*	
		For 300 Lb. Rating, Add	*23.51*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0324	EA	1" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	119.77	12.70
		For 150 Lb. Rating, Add	*17.38*	
		For 200 Lb. Rating, Add	*21.31*	
		For 300 Lb. Rating, Add	*30.84*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0325	EA	1-1/4" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	163.98	16.10
		For 150 Lb. Rating, Add	*25.83*	
		For 200 Lb. Rating, Add	*31.66*	
		For 300 Lb. Rating, Add	*45.82*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0326	EA	1-1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	190.21	18.63
		For 150 Lb. Rating, Add	*30.11*	
		For 200 Lb. Rating, Add	*36.91*	
		For 300 Lb. Rating, Add	*53.42*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0327	EA	2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	256.30	22.03
		For 150 Lb. Rating, Add	*45.35*	
		For 200 Lb. Rating, Add	*55.59*	
		For 300 Lb. Rating, Add	*80.46*	
		For Work In Restricted Working Space, Add	*33.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0328	EA	2-1/2" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	425.23	32.31
		For 150 Lb. Rating, Add	*81.81*	
		For 200 Lb. Rating, Add	*100.28*	
		For 300 Lb. Rating, Add	*145.14*	
		For Work In Restricted Working Space, Add	*48.40*	
23 05 23 00-0329	EA	3" Diameter Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	633.07	37.51
		For 150 Lb. Rating, Add	*138.54*	
		For 200 Lb. Rating, Add	*169.82*	
		For 300 Lb. Rating, Add	*245.80*	
		For Work In Restricted Working Space, Add	*55.85*	
23 05 23 00-0330		**Flanged, 125 Lb., Iron Body, Angle Globe Valves** *(23 05 23 00-0290)*		
23 05 23 00-0331	EA	2" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,541.71	161.30
		For 250 Lb. Rating, Add	*804.02*	
		For Chain Operated Type, Add	*522.61*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-0332	EA	2-1/2" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,787.47	161.61
		For 250 Lb. Rating, Add	*950.89*	
		For Chain Operated Type, Add	*618.08*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0333	EA	3" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	2,104.73	189.47
		For 250 Lb. Rating, Add	*1,120.55*	
		For Chain Operated Type, Add	*728.36*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0334	EA	4" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	3,065.50	317.65
		For 250 Lb. Rating, Add	*1,600.47*	
		For Chain Operated Type, Add	*1,040.31*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0335	EA	5" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,224.40	355.59
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*133.15*	
23 05 23 00-0336	EA	6" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,276.23	395.11
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0337	EA	8" Diameter Flanged, 125 Lb., Iron Body, Angle Globe Valve	9,983.69	504.86
		For 250 Lb. Rating, Add	*5,613.92*	
		For Chain Operated Type, Add	*3,649.05*	
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0338		**Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves** *(23 05 23 00-0290)*		
		Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0339	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	220.05	19.60
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0340	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	223.84	19.60
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0341	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	262.87	26.38
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0342	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	324.80	31.82
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0343	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	528.29	40.30
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0344	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	633.96	46.59
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0345	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	806.88	55.06
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0346		**Polyvinyl Chloride (PVC), Angle Globe Valves** *(23 05 23 00-0290)*		
23 05 23 00-0347	EA	1/4" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	64.19	19.36
23 05 23 00-0348	EA	1/2" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	82.43	19.36
23 05 23 00-0349	EA	3/4" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	104.33	26.62
23 05 23 00-0350	EA	1" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	125.43	32.06
23 05 23 00-0351	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	180.61	40.54
23 05 23 00-0352	EA	2" Diameter, Polyvinyl Chloride (PVC), Angle Globe Valve	222.56	46.59
23 05 23 00-0353		**Flanged, Cast Steel, Globe Valves** *(23 05 23 00-0290)*		
23 05 23 00-0354		**Class 150, Flanged, Cast Steel, Globe Valves** *(23 05 23 00-0353)*		
23 05 23 00-0355	EA	2" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	2,473.91	161.30
		For Work In Restricted Working Space, Add	*60.51*	
23 05 23 00-0356	EA	2-1/2" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	3,512.20	161.61
		For Work In Restricted Working Space, Add	*60.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0357	EA	3" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	3,546.69	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0358	EA	4" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	5,006.12	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0359	EA	6" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	7,788.06	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0360	EA	8" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	12,741.21	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0361	EA	10" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	28,842.82	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0362	EA	12" Diameter, Class 150, Flanged, Cast Steel, Globe Valve	26,421.37	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0363 Class 300, Flanged, Cast Steel, Globe Valves *(23 05 23 00-0353)*

23 05 23 00-0364	EA	2" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	3,259.23	161.30
		For Work In Restricted Working Space, Add	*60.51*	
23 05 23 00-0365	EA	2-1/2" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	4,310.31	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0366	EA	3" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	4,344.80	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0367	EA	4" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	6,780.97	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0368	EA	6" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	11,540.47	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0369	EA	8" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	18,240.51	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0370	EA	10" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	36,875.39	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0371	EA	12" Diameter, Class 300, Flanged, Cast Steel, Globe Valve	45,012.38	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0372 Class 600, Flanged, Cast Steel, Globe Valves *(23 05 23 00-0353)*

23 05 23 00-0373	EA	2" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	4,579.84	161.30
		For Work In Restricted Working Space, Add	*60.51*	
23 05 23 00-0374	EA	2-1/2" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	6,829.54	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0375	EA	3" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	6,864.03	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0376	EA	4" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	10,570.42	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0377	EA	6" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	21,495.38	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0378	EA	8" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	38,235.21	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-0379	EA	10" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	56,967.77	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0380	EA	12" Diameter, Class 600, Flanged, Cast Steel, Globe Valve	76,018.94	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-0381 Triple Duty Valves *(23 05 23)*

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

23 05 23 00-0382 Straight Pattern, Triple Duty Valves *(23 05 23 00-0381)*

Note: Bell & Gossett 3DX and 3DS-S Series.

23 05 23 00-0383	EA	1" Diameter Threaded, Straight Pattern, Triple Duty Valve	321.21	12.70
23 05 23 00-0384	EA	1-1/4" Diameter Threaded, Straight Pattern, Triple Duty Valve	372.17	16.10
23 05 23 00-0385	EA	1-1/2" Diameter Threaded, Straight Pattern, Triple Duty Valve	404.07	18.63
23 05 23 00-0386	EA	2" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,047.26	161.30
23 05 23 00-0387	EA	2-1/2" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,179.44	161.61
23 05 23 00-0388	EA	3" Diameter Flanged, Straight Pattern, Triple Duty Valve	1,291.68	189.47
23 05 23 00-0389	EA	4" Diameter Flanged, Straight Pattern, Triple Duty Valve	2,643.20	317.65
23 05 23 00-0390	EA	5" Diameter Flanged, Straight Pattern Triple Duty Valve	3,092.32	355.59
23 05 23 00-0391	EA	6" Diameter Flanged, Straight Pattern, Triple Duty Valve	4,111.22	395.11
23 05 23 00-0392	EA	8" Diameter Flanged, Straight Pattern, Triple Duty Valve	5,535.39	504.86
23 05 23 00-0393	EA	10" Diameter Flanged, Straight Pattern, Triple Duty Valve	8,874.14	614.61

23 05 23 00-0394 Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0381)*

Note: Bell & Gossett 3D-S Series.

23 05 23 00-0395	EA	2" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,022.96	161.30
23 05 23 00-0396	EA	2-1/2" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,150.28	161.61
23 05 23 00-0397	EA	3" Diameter Flanged, Angle Pattern, Triple Duty Valve	1,267.38	189.47
23 05 23 00-0398	EA	4" Diameter Flanged, Angle Pattern, Triple Duty Valve	2,580.03	317.65
23 05 23 00-0399	EA	5" Diameter Flanged, Angle Pattern, Triple Duty Valve	3,014.57	355.59
23 05 23 00-0400	EA	6" Diameter Flanged, Angle Pattern, Triple Duty Valve	3,382.28	395.11
23 05 23 00-0401	EA	8" Diameter Flanged, Angle Pattern, Triple Duty Valve	5,190.35	504.86
23 05 23 00-0402	EA	10" Diameter Flanged, Angle Pattern, Triple Duty Valve	6,935.14	614.61

23 05 23 00-0403 Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0381)*

Note: Bell & Gossett 3DS-B Series.

23 05 23 00-0404	EA	3" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,184.77	189.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0405	EA	4" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,361.34	317.65
23 05 23 00-0406	EA	5" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,766.73	355.59
23 05 23 00-0407	EA	6" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,668.99	395.11
23 05 23 00-0408	EA	8" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,932.79	504.86
23 05 23 00-0409	EA	10" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,868.19	614.61
23 05 23 00-0410	EA	12" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,836.45	746.31
23 05 23 00-0411	EA	14" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	14,385.60	878.01
23 05 23 00-0412	EA	16" Diameter Flanged, Balanced, Straight Pattern, Triple Duty Valve	18,017.75	965.81
23 05 23 00-0413		**Grooved Straight Pattern, Triple Duty Valves** *(23 05 23 00-0381)*		
		Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0414	EA	2" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,113.28	29.89
23 05 23 00-0415	EA	2-1/2" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,327.07	35.66
23 05 23 00-0416	EA	3" Diameter Grooved, Straight Pattern, Triple Duty Valve	1,545.01	38.68
23 05 23 00-0417	EA	4" Diameter Grooved, Straight Pattern, Triple Duty Valve	2,565.68	41.69
23 05 23 00-0418	EA	5" Diameter Grooved, Straight Pattern, Triple Duty Valve	2,974.90	55.97
23 05 23 00-0419	EA	6" Diameter Grooved, Straight Pattern Triple Duty Valve	3,966.11	71.77
23 05 23 00-0420	EA	8" Diameter Grooved, Straight Pattern Triple Duty Valve	5,394.22	91.10
23 05 23 00-0421	EA	10" Diameter Grooved, Straight Pattern Triple Duty Valve	8,512.23	102.07
23 05 23 00-0422	EA	12" Diameter Grooved, Straight Pattern Triple Duty Valve	13,515.16	124.46
23 05 23 00-0423		**Plug Valves** *(23 05 23)*		
23 05 23 00-0424		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0423)*		
		Note: Includes wrench.		
23 05 23 00-0425	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	309.36	12.10
23 05 23 00-0426	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	322.95	13.31
23 05 23 00-0427	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	408.49	15.13
23 05 23 00-0428	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	488.92	16.10
23 05 23 00-0429	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	537.19	18.63
23 05 23 00-0430	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	634.11	22.03
23 05 23 00-0431	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	951.31	29.76
23 05 23 00-0432	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,164.50	34.55
23 05 23 00-0433		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0423)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0434	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	757.87	161.30
23 05 23 00-0435	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	935.29	161.61
23 05 23 00-0436	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,157.73	189.47
23 05 23 00-0437	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,644.69	317.65
23 05 23 00-0438	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,821.29	395.11
23 05 23 00-0439	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	6,618.67	504.86
23 05 23 00-0440	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	10,752.85	614.61
23 05 23 00-0441	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	16,086.48	746.31
23 05 23 00-0442	EA	14" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	26,357.65	1,061.19
23 05 23 00-0443	EA	16" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	28,166.54	1,167.31
23 05 23 00-0444	EA	18" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	33,941.33	1,294.66
23 05 23 00-0445	EA	20" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	43,705.75	1,459.14
23 05 23 00-0446	EA	24" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	54,865.63	1,790.76
23 05 23 00-0447		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0423)*		
23 05 23 00-0448	EA	1/2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,195.31	12.10
23 05 23 00-0449	EA	3/4" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,412.07	13.31
23 05 23 00-0450	EA	1" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,596.20	15.13
23 05 23 00-0451	EA	1-1/4" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	1,915.00	16.10
23 05 23 00-0452	EA	1-1/2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	2,230.07	18.63
23 05 23 00-0453	EA	2" Diameter Threaded, 1,500 Lb., Forged Steel, Plug Valve	2,934.25	22.03
23 05 23 00-0454		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0423)*		
23 05 23 00-0455	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,210.05	317.65
23 05 23 00-0456	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,888.02	395.11
23 05 23 00-0457	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,567.97	504.86
23 05 23 00-0458	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,640.88	614.61
23 05 23 00-0459	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,701.03	746.31
23 05 23 00-0460		**Foot Valves** *(23 05 23)*		
23 05 23 00-0461		**Single Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0460)*		
23 05 23 00-0462	EA	1" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	100.54	30.27
23 05 23 00-0463	EA	1-1/4" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	114.39	33.90
23 05 23 00-0464	EA	1-1/2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	147.00	38.74
23 05 23 00-0465	EA	2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	193.83	43.59
23 05 23 00-0466	EA	2-1/2" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	443.71	71.43
23 05 23 00-0467	EA	3" Diameter, Single Poppet Foot Valve, Metal To Metal Seat Construction	567.60	87.18
23 05 23 00-0468		**Double Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0460)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0469	EA	1" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	100.54	30.27
23 05 23 00-0470	EA	1-1/4" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	217.17	33.90
23 05 23 00-0471	EA	1-1/2" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	206.29	38.74
23 05 23 00-0472	EA	2" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	280.75	43.59
23 05 23 00-0473	EA	3" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	551.48	71.43
23 05 23 00-0474	EA	4" Diameter, Double Poppet Foot Valve, Metal To Metal Seat Construction	750.47	85.96
23 05 23 00-0475		Foot Valves, Buna-N-Ring And Stainless Steel Screen, SSI Model *(23 05 23 00-0460)*		
23 05 23 00-0476		Flanged Cast Iron Foot Valves, ASTM A126 Grade B (SSI 125FVIB) *(23 05 23 00-0475)*		
23 05 23 00-0477	EA	2" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	1,240.56	74.30
23 05 23 00-0478	EA	2-1/2" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	1,479.14	81.06
23 05 23 00-0479	EA	3" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	1,824.73	94.86
23 05 23 00-0480	EA	4" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	2,273.43	159.22
23 05 23 00-0481	EA	6" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	3,541.25	201.33
23 05 23 00-0482	EA	8" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	4,899.92	254.76
23 05 23 00-0483	EA	10" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	7,405.00	312.07
23 05 23 00-0484	EA	12" Diameter Flanged Cast Iron Foot Valve With Stainless Steel Screen, 125FVIB	11,814.53	378.27
23 05 23 00-0485		Flanged Cast Steel Foot Valve, ASTM A216 WBC (SSI 150FVFS) *(23 05 23 00-0475)*		
23 05 23 00-0486	EA	2" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	1,496.08	74.30
23 05 23 00-0487	EA	4" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	2,185.26	159.22
23 05 23 00-0488	EA	6" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	3,330.13	201.33
23 05 23 00-0489	EA	8" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	4,982.77	254.76
23 05 23 00-0490	EA	10" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	6,881.29	312.07
23 05 23 00-0491	EA	12" Diameter Flanged, Cast Steel Foot Valve With Stainless Steel Screen, 125FVFS	10,120.24	378.27
23 05 23 00-0492		Flanged Cast Stainless Steel Foot Valve, ASTM A351 Grade CF8M (SSI 150FVFSS) *(23 05 23 00-0475)*		
23 05 23 00-0493	EA	2" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	964.12	74.30
23 05 23 00-0494	EA	4" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	1,644.84	159.22
23 05 23 00-0495	EA	6" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	2,561.79	120.45
23 05 23 00-0496	EA	8" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	3,812.11	254.76
23 05 23 00-0497	EA	10" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	5,536.35	312.07
23 05 23 00-0498	EA	12" Diameter Flanged, Cast Stainless Steel Foot Valve With Stainless Steel Screen, 125FVFSS	9,400.99	378.27
23 05 23 00-0499		Float Valves *(23 05 23)*		
23 05 23 00-0500		Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0499)*		
23 05 23 00-0501		Single Seat, Bronze Construction *(23 05 23 00-0500)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0502	EA	1/2" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	236.64	25.41
23 05 23 00-0503	EA	3/4" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	271.18	30.26
23 05 23 00-0504	EA	1" Diameter Inlet Size, Maximum PSI 100, Single Seat Float Valve	352.34	32.67
23 05 23 00-0505	EA	1-1/4" Diameter Inlet Size, Maximum PSI 90, Single Seat Float Valve	588.76	41.14
23 05 23 00-0506	EA	1-1/2" Diameter Inlet Size, Maximum PSI 90, Single Seat Float Valve	600.85	47.19
23 05 23 00-0507		Double Seat, Bronze Construction *(23 05 23 00-0500)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0508	EA	1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,276.98	25.41
23 05 23 00-0509	EA	3/4" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,286.66	30.26
23 05 23 00-0510	EA	1" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,485.37	32.67
23 05 23 00-0511	EA	1-1/4" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,641.64	41.14
23 05 23 00-0512	EA	1-1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	1,876.67	47.19
23 05 23 00-0513	EA	2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	2,462.11	55.67
23 05 23 00-0514	EA	2-1/2" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	2,862.51	74.67
23 05 23 00-0515	EA	3" Diameter Pipe Size, Maximum PSI 150, Double Seat Float Valve	3,443.24	85.82
23 05 23 00-0516		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0499)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0517		Brass Body Threaded Ends *(23 05 23 00-0516)*		
23 05 23 00-0518	EA	1/2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	248.91	32.79
23 05 23 00-0519	EA	3/4" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	281.43	36.43
23 05 23 00-0520	EA	1" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	348.83	40.30
23 05 23 00-0521	EA	1-1/4" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	557.53	65.10
23 05 23 00-0522	EA	1-1/2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	583.65	74.18
23 05 23 00-0523	EA	2" Diameter, Brass Body, Threaded Ends, Single Seated With Arm Ball And Bracket, Float Valve	656.77	91.96
23 05 23 00-0524		Cast Iron Body Flanged *(23 05 23 00-0516)*		
23 05 23 00-0525	EA	2-1/2" Diameter, Cast Iron Body, Flanged, Single Seated With Arm Ball And Bracket, Float Valve	8,038.33	161.61
23 05 23 00-0526	EA	3" Diameter, Cast Iron Body, Flanged, Single Seated With Arm Ball And Bracket, Float Valve	9,719.81	189.47
23 05 23 00-0527		Float Operated Valves *(23 05 23 00-0499)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0528		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0527)* Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0529	EA	1" Diameter Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	893.86	56.88
23 05 23 00-0530		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0527)* Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0531	EA	3/4" Diameter Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,123.55	105.88
23 05 23 00-0532		Needle Valves *(23 05 23)*		
23 05 23 00-0533		Bronze Needle Valve *(23 05 23 00-0532)* Note: For heating and cooling applications.		
23 05 23 00-0534	EA	1/4" Diameter, Bronze, Needle Valve	123.08	12.10
23 05 23 00-0535	EA	3/8" Diameter, Bronze, Needle Valve	137.30	12.10
23 05 23 00-0536	EA	1/2" Diameter, Bronze, Needle Valve	150.22	12.10
23 05 23 00-0537	EA	3/4" Diameter, Bronze, Needle Valve	228.24	13.31
23 05 23 00-0538	EA	1" Diameter, Bronze, Needle Valve	350.16	15.13
23 05 23 00-0539		Eccentric Valves With Taps *(23 05 23)*		
23 05 23 00-0540		Screwed Eccentric Valves With Taps *(23 05 23 00-0539)*		
23 05 23 00-0541	EA	1/2" Diameter Threaded, Eccentric Valves With Taps	288.79	12.10
23 05 23 00-0542	EA	3/4" Diameter Threaded, Eccentric Valves With Taps	306.22	13.31
23 05 23 00-0543	EA	1" Diameter Threaded, Eccentric Valves With Taps	386.46	15.13
23 05 23 00-0544	EA	1-1/4" Diameter Threaded, Eccentric Valves With Taps	468.76	16.10
23 05 23 00-0545	EA	1-1/2" Diameter Threaded, Eccentric Valves With Taps	511.91	18.63
23 05 23 00-0546	EA	2" Diameter Threaded, Eccentric Valves With Taps	601.85	22.03
23 05 23 00-0547	EA	2-1/2" Diameter Threaded, Eccentric Valves With Taps	909.42	29.76
23 05 23 00-0548	EA	3" Diameter Threaded, Eccentric Valves With Taps	1,105.19	34.55
23 05 23 00-0549		Flanged Eccentric Valves With Taps *(23 05 23 00-0539)*		
23 05 23 00-0550	EA	2-1/2" Diameter Flanged, Eccentric Valves With Taps	1,105.63	161.61
23 05 23 00-0551	EA	3" Diameter Flanged, Eccentric Valves With Taps	1,313.03	189.47
23 05 23 00-0552	EA	4" Diameter Flanged, Eccentric Valves With Taps	1,762.13	317.65
23 05 23 00-0553	EA	5" Diameter Flanged, Eccentric Valves With Taps	2,365.06	355.59
23 05 23 00-0554	EA	6" Diameter Flanged, Eccentric Valves With Taps	2,993.26	395.11
23 05 23 00-0555	EA	8" Diameter Flanged, Eccentric Valves With Taps	5,142.06	504.86
23 05 23 00-0556	EA	10" Diameter Flanged, Eccentric Valves With Taps	7,204.41	614.61
23 05 23 00-0557	EA	12" Diameter Flanged, Eccentric Valves With Taps	12,362.61	746.31
23 05 23 00-0558		Emergency Shut-Off Valve With Fusible Link *(23 05 23)*		
23 05 23 00-0559		Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) *(23 05 23 00-0558)* Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0560	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	93.41	19.48
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0561	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	95.30	20.57
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0562	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	158.74	19.48
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0563	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	318.43	26.26
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0564	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	817.27	31.82
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0565		Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0558)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0566	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	613.60	18.63
23 05 23 00-0567	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	659.88	22.03
23 05 23 00-0568	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,111.26	34.55
23 05 23 00-0569		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0558)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0570	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	759.94	161.30
23 05 23 00-0571	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,237.63	189.47
23 05 23 00-0572	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	2,830.57	317.65
23 05 23 00-0573		Synthetic Sleeve Check Valve *(23 05 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0574		**Synthetic Sleeve Fall-Out Flap/Duckbill Check Valve** *(23 05 23 00-0573)* Note: Model red valve series TF1, TF2 Or 35. For 35 series valves, select the valve and flange.		
23 05 23 00-0575	EA	4" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	1,397.61	237.39
23 05 23 00-0576	EA	8" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	3,049.12	313.34
23 05 23 00-0577	EA	12" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	4,933.40	465.23
23 05 23 00-0578	EA	20" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	13,448.71	754.66
23 05 23 00-0579	EA	24" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	14,431.31	928.72
23 05 23 00-0580	EA	30" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	24,766.26	1,481.98
23 05 23 00-0581	EA	36" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	30,066.20	2,963.96
23 05 23 00-0582	EA	48" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	53,170.72	3,943.83
23 05 23 00-0583	EA	54" Diameter, Fall Out Flat Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	71,062.37	4,385.03
23 05 23 00-0584	EA	4" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	1,994.80	237.39
23 05 23 00-0585	EA	8" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	4,100.58	313.34
23 05 23 00-0586	EA	12" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	6,571.85	465.23
23 05 23 00-0587	EA	20" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	18,328.32	754.66
23 05 23 00-0588	EA	24" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	21,150.99	928.72
23 05 23 00-0589	EA	30" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	33,859.40	1,481.98
23 05 23 00-0590	EA	36" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	40,243.98	2,963.96
23 05 23 00-0591	EA	48" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	65,242.15	3,943.83
23 05 23 00-0592	EA	54" Diameter, Rounded Bottom Type, Buna-N Sleeve Material, 316 Stainless Steel Slip-On Clamps, Check Valve	89,973.61	4,385.03
23 05 23 00-0593		**Synthetic Sleeve In-Line Flap/Duckbill Check Valve** *(23 05 23 00-0573)* Note: Cast iron body. Model red valve Series 39.		
23 05 23 00-0594	EA	4" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	3,574.09	317.65
23 05 23 00-0595	EA	8" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	9,971.16	504.86
23 05 23 00-0596	EA	12" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	15,844.82	746.31
23 05 23 00-0597	EA	18" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	21,313.87	1,294.66
23 05 23 00-0598	EA	20" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	35,343.71	1,459.14
23 05 23 00-0599	EA	24" Diameter Flanged, In Line (Inserted), Buna-N Sleeve Material, Cast Iron Body, 316 Stainless Steel, Check Valve	40,335.62	1,790.76
23 05 23 00-0600	EA	4" Viton Sleeve Material, Addition	4,766.62	
23 05 23 00-0601	EA	8" Viton Sleeve Material, Addition	5,763.93	
23 05 23 00-0602	EA	12" Viton Sleeve Material, Addition	6,628.26	
23 05 23 00-0603	EA	18" Viton Sleeve Material, Addition	7,400.54	
23 05 23 00-0604	EA	20" Viton Sleeve Material, Addition	8,275.10	
23 05 23 00-0605	EA	24" Viton Sleeve Material, Addition	9,369.58	
23 05 23 00-0606		**Synthetic Sleeve In-Line Flap/Duckbill Check Valve** *(23 05 23 00-0573)* Note: 316 Stainless steel body. Model red valve Series 2633.		
23 05 23 00-0607	EA	1/2" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	373.56	12.10
23 05 23 00-0608	EA	3/4" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	413.11	13.31
23 05 23 00-0609	EA	1" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	510.69	15.13
23 05 23 00-0610	EA	1-1/2" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	649.67	18.63
23 05 23 00-0611	EA	2" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	730.05	22.03
23 05 23 00-0612	EA	3" Diameter Threaded, In Line (Inserted), Buna-N Sleeve Material, Polyvinyl Chloride (PVC) Body, Check Valve	938.59	34.55
23 05 23 00-0613	EA	1/2" Viton Sleeve Material, Addition	202.28	
23 05 23 00-0614	EA	3/4" Viton Sleeve Material, Addition	239.06	
23 05 23 00-0615	EA	1" Viton Sleeve Material, Addition	297.91	
23 05 23 00-0616	EA	1-1/2" Viton Sleeve Material, Addition	349.40	
23 05 23 00-0617	EA	2" Viton Sleeve Material, Addition	478.13	
23 05 23 00-0618	EA	3" Viton Sleeve Material, Addition	374.08	
23 05 23 00-0619		**Check Valves** *(23 05 23)*		
23 05 23 00-0620		**Iron Body Wafer Type Check Valve** *(23 05 23 00-0619)*		
23 05 23 00-0621		**Single Disk Type** *(23 05 23 00-0620)*		
23 05 23 00-0622	EA	2" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	485.30	161.40
		For 150 Lb. Rating, Add	*59.54*	
		For 200 Lb. Rating, Add	*70.88*	
		For 300 Lb. Rating, Add	*85.05*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*167.94*	
23 05 23 00-0623	EA	2-1/2" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	574.25	161.73
		For 150 Lb. Rating, Add	*78.00*	
		For 200 Lb. Rating, Add	*92.86*	
		For 300 Lb. Rating, Add	*111.43*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*207.71*	
23 05 23 00-0624	EA	3" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	706.83	189.62
		For 150 Lb. Rating, Add	*98.60*	
		For 200 Lb. Rating, Add	*117.38*	
		For 300 Lb. Rating, Add	*140.85*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*258.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0625	EA	4" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	1,034.26	317.90
		For 150 Lb. Rating, Add	*133.54*	
		For 200 Lb. Rating, Add	*158.98*	
		For 300 Lb. Rating, Add	*190.77*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*365.83*	
23 05 23 00-0626	EA	6" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	1,553.75	446.17
		For 150 Lb. Rating, Add	*209.17*	
		For 200 Lb. Rating, Add	*249.01*	
		For 300 Lb. Rating, Add	*298.81*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*559.76*	
23 05 23 00-0627	EA	8" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	2,167.59	513.10
		For 150 Lb. Rating, Add	*320.99*	
		For 200 Lb. Rating, Add	*382.14*	
		For 300 Lb. Rating, Add	*458.56*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*815.65*	
23 05 23 00-0628	EA	10" Diameter, Wafer Type, 125 Lb., Single Disc Type, Iron Body, Check Valve	3,227.89	624.64
		For 150 Lb. Rating, Add	*512.69*	
		For 200 Lb. Rating, Add	*610.35*	
		For 300 Lb. Rating, Add	*732.41*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,255.92*	
23 05 23 00-0629		Twin Disc Type *(23 05 23 00-0620)*		
23 05 23 00-0630	EA	2" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valvev	680.44	161.40
		For 150 Lb. Rating, Add	*100.51*	
		For 200 Lb. Rating, Add	*119.66*	
		For 300 Lb. Rating, Add	*143.59*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*255.75*	
23 05 23 00-0631	EA	2-1/2" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	777.24	161.73
		For 150 Lb. Rating, Add	*120.63*	
		For 200 Lb. Rating, Add	*143.61*	
		For 300 Lb. Rating, Add	*172.33*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*299.06*	
23 05 23 00-0632	EA	3" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	907.55	189.62
		For 150 Lb. Rating, Add	*140.75*	
		For 200 Lb. Rating, Add	*167.56*	
		For 300 Lb. Rating, Add	*201.07*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*349.07*	
23 05 23 00-0633	EA	4" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	1,249.49	317.90
		For 150 Lb. Rating, Add	*178.74*	
		For 200 Lb. Rating, Add	*212.78*	
		For 300 Lb. Rating, Add	*255.34*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*462.68*	
23 05 23 00-0634	EA	6" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	1,930.19	446.17
		For 150 Lb. Rating, Add	*288.22*	
		For 200 Lb. Rating, Add	*343.12*	
		For 300 Lb. Rating, Add	*411.74*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*729.16*	
23 05 23 00-0635	EA	8" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	2,733.39	513.10
		For 150 Lb. Rating, Add	*440.16*	
		For 200 Lb. Rating, Add	*524.00*	
		For 300 Lb. Rating, Add	*628.80*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,070.68*	
23 05 23 00-0636	EA	10" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	4,100.55	613.48
		For 150 Lb. Rating, Add	*697.08*	
		For 200 Lb. Rating, Add	*829.86*	
		For 300 Lb. Rating, Add	*995.83*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,649.97*	
23 05 23 00-0637	EA	12" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	5,392.59	758.48
		For 150 Lb. Rating, Add	*933.94*	
		For 200 Lb. Rating, Add	*1,111.83*	
		For 300 Lb. Rating, Add	*1,334.20*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*2,190.35*	
23 05 23 00-0638	EA	14" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	10,235.44	893.99
		For 150 Lb. Rating, Add	*1,899.12*	
		For 200 Lb. Rating, Add	*2,260.86*	
		For 300 Lb. Rating, Add	*2,713.04*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*4,307.95*	
23 05 23 00-0639	EA	16" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	14,078.44	1,048.95
		For 150 Lb. Rating, Add	*2,681.12*	
		For 200 Lb. Rating, Add	*3,191.81*	
		For 300 Lb. Rating, Add	*3,830.18*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*6,007.50*	
23 05 23 00-0640	EA	18" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	18,791.54	1,168.15
		For 150 Lb. Rating, Add	*3,640.28*	
		For 200 Lb. Rating, Add	*4,333.67*	
		For 300 Lb. Rating, Add	*5,200.40*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*8,091.97*	
23 05 23 00-0641	EA	20" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	22,369.09	1,311.19
		For 150 Lb. Rating, Add	*4,353.32*	
		For 200 Lb. Rating, Add	*5,182.53*	
		For 300 Lb. Rating, Add	*6,219.03*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*9,656.35*	
23 05 23 00-0642	EA	24" Diameter, Wafer Type, 125 Lb., Twin Disc Type, Iron Body, Check Valve	29,255.86	1,609.18
		For 150 Lb. Rating, Add	*5,720.12*	
		For 200 Lb. Rating, Add	*6,809.66*	
		For 300 Lb. Rating, Add	*8,171.60*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*12,660.83*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0643		**Lift Check Valves** *(23 05 23 00-0619)*		
23 05 23 00-0644		**Bronze Body, Threaded, Vertical Lift Check Valves** *(23 05 23 00-0643)* Note: Watts #600 series.		
23 05 23 00-0645	EA	3/8" Diameter Threaded, Bronze, Lift Check Valve	126.62	12.10
23 05 23 00-0646	EA	1/2" Diameter Threaded, Bronze, Lift Check Valve	133.98	12.10
23 05 23 00-0647	EA	3/4" Diameter Threaded, Bronze, Lift Check Valve	170.87	12.70
23 05 23 00-0648	EA	1" Diameter Threaded, Bronze, Lift Check Valve	225.08	12.70
23 05 23 00-0649	EA	1-1/4" Diameter Threaded, Bronze, Lift Check Valve	312.00	16.10
23 05 23 00-0650	EA	1-1/2" Diameter Threaded, Bronze, Lift Check Valve	379.51	18.63
23 05 23 00-0651	EA	2" Diameter Threaded, Bronze, Lift Check Valve	540.68	22.03
23 05 23 00-0652		**Bronze Body, Threaded, 300 Lb., Lift Check Valves** *(23 05 23 00-0643)* Note: Crane 366E.		
23 05 23 00-0653	EA	1/2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	782.70	12.10
23 05 23 00-0654	EA	3/4" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	950.80	12.70
23 05 23 00-0655	EA	1" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	1,705.58	12.70
23 05 23 00-0656	EA	1-1/4" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	2,273.07	16.10
23 05 23 00-0657	EA	1-1/2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	2,469.00	18.63
23 05 23 00-0658	EA	2" Diameter Threaded, 300 Lb., Bronze, Lift Check Valve	3,171.60	22.03
23 05 23 00-0659		**Iron Body, Flanged, 125 Lb. Vertical Lift Check Valves** *(23 05 23 00-0643)* Note: Mueller 105MAP.		
23 05 23 00-0660	EA	2" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	1,144.40	161.30
23 05 23 00-0661	EA	2-1/2" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	2,127.30	161.61
23 05 23 00-0662	EA	3" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	2,312.36	189.47
23 05 23 00-0663	EA	4" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	3,186.83	317.65
23 05 23 00-0664	EA	5" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	4,031.26	355.59
23 05 23 00-0665	EA	6" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	4,989.78	395.11
23 05 23 00-0666	EA	8" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	8,852.74	504.86
23 05 23 00-0667	EA	10" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	11,124.72	614.61
23 05 23 00-0668	EA	12" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	18,161.44	746.31
23 05 23 00-0669	EA	14" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	24,802.01	1,061.19
23 05 23 00-0670	EA	16" Diameter Flanged, 125 Lb., Iron Body, Lift Check Valve	27,487.75	1,167.31
23 05 23 00-0671		**Bronze Body Swing Check Valves** *(23 05 23 00-0619)*		
23 05 23 00-0672		**Bronze Body, Threaded, Brazed Or Soldered Installation, 125 Lb., Swing Check Valves** *(23 05 23 00-0671)*		
23 05 23 00-0673	EA	1/8" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	86.03	12.10
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0674	EA	1/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	82.24	12.10
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*10.57*	
23 05 23 00-0675	EA	3/8" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	84.09	12.10
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*11.13*	
23 05 23 00-0676	EA	1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	87.87	12.10
		For 300 Lb. Rating, Add	*19.05*	
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0677	EA	3/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	111.80	12.70
		For 300 Lb. Rating, Add	*23.08*	
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0678	EA	1" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	144.05	12.70
		For 300 Lb. Rating, Add	*31.34*	
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0679	EA	1-1/4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	193.47	16.10
		For 300 Lb. Rating, Add	*43.99*	
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0680	EA	1-1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	251.05	18.63
		For 300 Lb. Rating, Add	*61.61*	
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0681	EA	2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	313.10	22.03
		For 300 Lb. Rating, Add	*79.21*	
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0682	EA	2-1/2" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	615.48	29.76
		For 300 Lb. Rating, Add	*182.08*	
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0683	EA	3" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	835.48	34.55
		For 300 Lb. Rating, Add	*258.96*	
		For Work In Restricted Working Space, Add	*51.44*	
23 05 23 00-0684	EA	4" Diameter Threaded, Brazed Or Soldered, 125 Lb., Bronze, Swing Check Valve	946.44	39.01
		For 300 Lb. Rating, Add	*293.05*	
		For Work In Restricted Working Space, Add	*58.51*	
23 05 23 00-0685		**Bronze Body, Flanged, 125 Lb., Swing Check Valves** *(23 05 23 00-0671)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0686	EA	2" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	466.09	161.30
		For Work In Restricted Working Space, Add	*60.50*	
		For 150 Lb. Rated Valves, Add	*116.34*	
		For 250 Lb. Rated Valves, Add	*343.73*	
23 05 23 00-0687	EA	2-1/2" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	489.57	161.61
		For Work In Restricted Working Space, Add	*60.80*	
		For 150 Lb. Rated Valves, Add	*126.24*	
		For 250 Lb. Rated Valves, Add	*373.00*	
23 05 23 00-0688	EA	3" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	595.40	189.47
		For Work In Restricted Working Space, Add	*71.14*	
		For 150 Lb. Rated Valves, Add	*157.63*	
		For 250 Lb. Rated Valves, Add	*465.74*	
23 05 23 00-0689	EA	4" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	931.48	317.65
		For Work In Restricted Working Space, Add	*119.42*	
		For 150 Lb. Rated Valves, Add	*234.71*	
		For 250 Lb. Rated Valves, Add	*693.46*	
23 05 23 00-0690	EA	5" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	1,391.52	355.59
		For Work In Restricted Working Space, Add	*133.15*	
		For 150 Lb. Rated Valves, Add	*416.99*	
		For 250 Lb. Rated Valves, Add	*1,232.01*	
23 05 23 00-0691	EA	6" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	1,538.12	395.11
		For Work In Restricted Working Space, Add	*148.70*	
		For 150 Lb. Rated Valves, Add	*458.69*	
		For 250 Lb. Rated Valves, Add	*1,355.21*	
23 05 23 00-0692	EA	8" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	2,418.47	504.86
		For Work In Restricted Working Space, Add	*188.15*	
		For 150 Lb. Rated Valves, Add	*788.18*	
23 05 23 00-0693	EA	10" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	3,469.94	614.61
		For Work In Restricted Working Space, Add	*230.48*	
		For 150 Lb. Rated Valves, Add	*1,188.74*	
23 05 23 00-0694	EA	12" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	4,455.05	746.31
		For Work In Restricted Working Space, Add	*279.37*	
		For 150 Lb. Rated Valves, Add	*1,550.48*	
23 05 23 00-0695	EA	14" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	13,038.48	1,061.19
		For Work In Restricted Working Space, Add	*397.95*	
		For 150 Lb. Rated Valves, Add	*5,153.27*	
23 05 23 00-0696	EA	16" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	16,725.62	1,167.31
		For Work In Restricted Working Space, Add	*437.74*	
		For 150 Lb. Rated Valves, Add	*6,717.25*	
23 05 23 00-0697	EA	18" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	21,564.48	1,294.66
		For Work In Restricted Working Space, Add	*485.50*	
		For 150 Lb. Rated Valves, Add	*8,776.31*	
23 05 23 00-0698	EA	20" Diameter Flanged, 125 Lb., Bronze Body, Swing Check Valve	26,798.06	1,459.14
		For Work In Restricted Working Space, Add	*547.18*	
		For 150 Lb. Rated Valves, Add	*10,988.62*	

23 05 23 00-0699 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0619)*

23 05 23 00-0700	EA	1" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	662.86	90.76
		For 150 Lb. Rating, Add	*373.12*	
		For 250 Lb. Rating, Add	*713.31*	
		For Work In Restricted Working Space, Add	*34.25*	
23 05 23 00-0701	EA	1-1/4" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	736.04	105.88
		For 150 Lb. Rating, Add	*411.07*	
		For 250 Lb. Rating, Add	*785.86*	
		For Work In Restricted Working Space, Add	*39.46*	
23 05 23 00-0702	EA	1-1/2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	814.87	127.06
		For 150 Lb. Rating, Add	*445.84*	
		For 250 Lb. Rating, Add	*852.35*	
		For Work In Restricted Working Space, Add	*47.77*	
23 05 23 00-0703	EA	2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,015.99	161.30
		For 150 Lb. Rating, Add	*553.73*	
		For 250 Lb. Rating, Add	*1,058.60*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-0704	EA	2-1/2" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,153.01	161.61
		For 150 Lb. Rating, Add	*646.24*	
		For 250 Lb. Rating, Add	*1,235.47*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-0705	EA	3" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,269.89	189.47
		For 150 Lb. Rating, Add	*702.27*	
		For 250 Lb. Rating, Add	*1,342.58*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-0706	EA	4" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	1,994.10	317.65
		For 150 Lb. Rating, Add	*1,085.31*	
		For 250 Lb. Rating, Add	*2,074.87*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-0707	EA	5" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	2,787.14	355.59
		For 150 Lb. Rating, Add	*1,593.46*	
		For 250 Lb. Rating, Add	*3,046.32*	
		For Work In Restricted Working Space, Add	*133.15*	
23 05 23 00-0708	EA	6" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	3,212.62	395.11
		For 150 Lb. Rating, Add	*1,847.54*	
		For 250 Lb. Rating, Add	*3,532.06*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-0709	EA	8" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	7,410.43	504.86
		For 150 Lb. Rating, Add	*4,612.63*	
		For 250 Lb. Rating, Add	*8,818.26*	
		For Work In Restricted Working Space, Add	*188.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0710	EA	10" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	10,001.75	614.61
		For 150 Lb. Rating, Add	*6,278.77*	
		For 250 Lb. Rating, Add	*12,003.54*	
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-0711	EA	12" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	15,330.41	746.31
		For 150 Lb. Rating, Add	*9,791.44*	
		For 250 Lb. Rating, Add	*18,718.93*	
		For Work In Restricted Working Space, Add	*279.37*	
23 05 23 00-0712	EA	14" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	17,628.34	1,061.19
		For 150 Lb. Rating, Add	*11,085.25*	
		For 250 Lb. Rating, Add	*21,192.39*	
		For Work In Restricted Working Space, Add	*397.95*	
23 05 23 00-0713	EA	16" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	25,202.66	1,167.31
		For 150 Lb. Rating, Add	*16,145.59*	
		For 250 Lb. Rating, Add	*30,866.58*	
		For Work In Restricted Working Space, Add	*437.74*	
23 05 23 00-0714	EA	18" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	38,936.46	1,294.66
		For 150 Lb. Rating, Add	*25,376.34*	
		For 250 Lb. Rating, Add	*48,513.58*	
		For Work In Restricted Working Space, Add	*485.50*	
23 05 23 00-0715	EA	20" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	53,764.52	1,459.14
		For 150 Lb. Rating, Add	*35,319.60*	
		For 250 Lb. Rating, Add	*67,522.77*	
		For Work In Restricted Working Space, Add	*547.18*	
23 05 23 00-0716	EA	24" Diameter Flanged, 125 Lb. Iron Body, Bronze Trim, Swing Check Valves	74,952.02	1,790.76
		For 150 Lb. Rating, Add	*49,445.23*	
		For 250 Lb. Rating, Add	*94,527.64*	
		For Work In Restricted Working Space, Add	*671.54*	

23 05 23 00-0717 APCO Iron Body, Bronze Trim, Flanged, 250 Lb., Swing Check Valves *(23 05 23 00-0619)*

Note: AWWA C-509, side mounted oil cushion.

23 05 23 00-0718	EA	6" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	28,041.81	395.11
		For Asphalt Varnish Interior, Add	*104.00*	
23 05 23 00-0719	EA	8" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	29,554.20	504.86
		For Asphalt Varnish Interior, Add	*112.00*	
23 05 23 00-0720	EA	10" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	45,007.82	614.61
		For Asphalt Varnish Interior, Add	*160.00*	
23 05 23 00-0721	EA	12" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	52,975.36	746.31
		For Asphalt Varnish Interior, Add	*168.00*	
23 05 23 00-0722	EA	14" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	81,995.93	1,061.19
		For Asphalt Varnish Interior, Add	*184.00*	
23 05 23 00-0723	EA	16" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	103,266.39	1,167.31
		For Asphalt Varnish Interior, Add	*192.00*	
23 05 23 00-0724	EA	18" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	111,398.92	1,294.66
		For Asphalt Varnish Interior, Add	*216.00*	
23 05 23 00-0725	EA	20" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	115,670.47	1,459.14
		For Asphalt Varnish Interior, Add	*232.00*	
23 05 23 00-0726	EA	24" Diameter Flanged, 250 Lb., AWWA C-509, Iron Body, Bronze Trim, Primer Interior, Side Mounted Oil Cushion, Swing Check Valve	132,860.23	1,790.76
		For Asphalt Varnish Interior, Add	*280.00*	

23 05 23 00-0727 APCO Iron Body, Bronze Trim, Flanged, 250 Lb., Swing Check Valves *(23 05 23 00-0619)*

Note: AWWA C-509, bottom buffer oil cushion.

23 05 23 00-0728	EA	8" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	26,812.88	504.86
		For Asphalt Varnish Interior, Add	*112.00*	
23 05 23 00-0729	EA	10" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	32,861.12	614.61
		For Asphalt Varnish Interior, Add	*160.00*	
23 05 23 00-0730	EA	12" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	37,524.76	746.31
		For Asphalt Varnish Interior, Add	*168.00*	
23 05 23 00-0731	EA	14" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	60,244.39	1,061.19
		For Asphalt Varnish Interior, Add	*184.00*	
23 05 23 00-0732	EA	16" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	74,318.88	1,167.31
		For Asphalt Varnish Interior, Add	*192.00*	
23 05 23 00-0733	EA	18" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	88,358.54	1,294.66
		For Asphalt Varnish Interior, Add	*216.00*	
23 05 23 00-0734	EA	20" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	102,874.25	1,459.14
		For Asphalt Varnish Interior, Add	*232.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0735	EA	24" Diameter Flanged, 250 Lb., Iron Body, Bronze Trim, AWWA C-509, Primer Interior, Bottom Buffer Oil Cushion, Swing Check Valve	127,234.39	1,790.76
		For Asphalt Varnish Interior, Add	*280.00*	
23 05 23 00-0736		Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0619)*		
		Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0737	EA	1/2" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	201.80	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0738	EA	3/4" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	237.43	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0739	EA	1" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	280.72	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0740	EA	1-1/4" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	435.60	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0741	EA	1-1/2" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	516.97	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0742	EA	2" Diameter Threaded, Class 800, Forged Steel Swing Check Valve	700.06	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0743		Plastic Check Valve *(23 05 23 00-0619)*		
23 05 23 00-0744		Polyvinyl Chloride (PVC) Check Valve *(23 05 23 00-0743)*		
23 05 23 00-0745		Polyvinyl Chloride (PVC) "Y" Check Valve *(23 05 23 00-0744)*		
23 05 23 00-0746	EA	1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	97.05	12.10
23 05 23 00-0747	EA	3/4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	114.92	13.31
23 05 23 00-0748	EA	1" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	132.07	15.13
23 05 23 00-0749	EA	1-1/4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	188.16	16.10
23 05 23 00-0750	EA	1-1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	209.53	18.63
23 05 23 00-0751	EA	2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	347.96	20.28
23 05 23 00-0752	EA	2-1/2" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	436.25	29.76
23 05 23 00-0753	EA	3" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	478.02	34.55
23 05 23 00-0754	EA	4" Diameter Threaded Or Socket, Polyvinyl Chloride (PVC) "Y" Type Check Valve	696.66	39.01
23 05 23 00-0755	EA	3" Diameter Flanged, Polyvinyl Chloride (PVC) "Y" Type Check Valve	667.10	189.47
23 05 23 00-0756		Polyvinyl Chloride (PVC) True Union Ball Check Valve *(23 05 23 00-0744)*		
23 05 23 00-0757		Valves *(23 05 23 00-0756)*		
23 05 23 00-0758	EA	1/2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	73.86	12.10
23 05 23 00-0759	EA	3/4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	92.43	13.31
23 05 23 00-0760	EA	1" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	113.45	15.13
23 05 23 00-0761	EA	1-1/4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	147.02	16.10
23 05 23 00-0762	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	172.70	18.63
23 05 23 00-0763	EA	2" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	254.33	22.03
23 05 23 00-0764	EA	3" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	415.68	29.76
23 05 23 00-0765	EA	4" Diameter, Polyvinyl Chloride (PVC) True Union Ball Check Valve	707.26	34.55
23 05 23 00-0766		Foot Valve Screen *(23 05 23 00-0756)*		
		Note: For use with PVC true union ball check valves above.		
23 05 23 00-0767	EA	1/2" Diameter, Foot Valve Screen Option	61.97	
23 05 23 00-0768	EA	3/4" Diameter, Foot Valve Screen Option	74.11	
23 05 23 00-0769	EA	1" Diameter, Foot Valve Screen Option	85.88	
23 05 23 00-0770	EA	1-1/4" Diameter, Foot Valve Screen Option	129.65	
23 05 23 00-0771	EA	1-1/2" Diameter, Foot Valve Screen Option	143.44	
23 05 23 00-0772	EA	2" Diameter, Foot Valve Screen Option	155.21	
23 05 23 00-0773	EA	2-1/2" Diameter, Foot Valve Screen Option	185.18	
23 05 23 00-0774	EA	3" Diameter, Foot Valve Screen Option	215.16	
23 05 23 00-0775	EA	4" Diameter, Foot Valve Screen Option	261.13	
23 05 23 00-0776		Hayward "True Check" With VITON Seals *(23 05 23 00-0756)*		
23 05 23 00-0777	EA	1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	66.76	12.10
23 05 23 00-0778	EA	3/8" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	68.61	12.10
23 05 23 00-0779	EA	1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	74.69	12.10
23 05 23 00-0780	EA	3/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	92.35	13.31
23 05 23 00-0781	EA	1" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	114.62	15.13
23 05 23 00-0782	EA	1-1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	146.94	16.10
23 05 23 00-0783	EA	1-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	177.68	18.63
23 05 23 00-0784	EA	2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	222.81	22.03
23 05 23 00-0785	EA	2-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	410.70	29.76
23 05 23 00-0786	EA	3" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	450.15	34.55
23 05 23 00-0787	EA	4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	710.10	39.01
23 05 23 00-0788		Hayward "True Check" With Ethylene Propylene Diene Monomer (EPDM) Seals *(23 05 23 00-0756)*		
23 05 23 00-0789	EA	1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	70.55	12.10
23 05 23 00-0790	EA	3/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	88.28	13.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0791	EA	1" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	108.98	15.13
23 05 23 00-0792	EA	1-1/4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	140.80	16.10
23 05 23 00-0793	EA	1-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	166.40	18.63
23 05 23 00-0794	EA	2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	212.86	22.03
23 05 23 00-0795	EA	2-1/2" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	395.77	29.76
23 05 23 00-0796	EA	3" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	437.71	34.55
23 05 23 00-0797	EA	4" Diameter Socket Or Threaded, Polyvinyl Chloride (PVC) True Union Ball Check Valve	691.02	39.01

23 05 23 00-0798 Polyvinyl Chloride (PVC) Check Valve, Ethylene Propylene Diene Monomer (EPDM) Housing, Flanged *(23 05 23 00-0744)*

23 05 23 00-0799	EA	1" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	348.59	72.60
23 05 23 00-0800	EA	1-1/4" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	379.85	84.71
23 05 23 00-0801	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	417.56	105.88
23 05 23 00-0802	EA	2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	509.17	133.11
23 05 23 00-0803	EA	2-1/2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	613.15	133.85
23 05 23 00-0804	EA	3" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	836.97	156.16
23 05 23 00-0805	EA	4" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	1,157.71	264.91
23 05 23 00-0806	EA	6" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing, Thermoplastic Check Valve	1,902.57	446.17

23 05 23 00-0807 Swing Check Valves, 150 Lb. Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0743)*

23 05 23 00-0808	EA	1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	64.96	12.10
		For Work In Restricted Working Space, Add	*11.71*	
23 05 23 00-0809	EA	3/4" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	78.55	13.31
		For Work In Restricted Working Space, Add	*15.79*	
23 05 23 00-0810	EA	1" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	90.64	15.13
		For Work In Restricted Working Space, Add	*19.11*	
23 05 23 00-0811	EA	1-1/4" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	108.74	16.10
		For Work In Restricted Working Space, Add	*24.20*	
23 05 23 00-0812	EA	1-1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	122.77	18.63
		For Work In Restricted Working Space, Add	*27.92*	
23 05 23 00-0813	EA	2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	156.17	22.03
		For Work In Restricted Working Space, Add	*33.00*	
23 05 23 00-0814	EA	2-1/2" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	214.33	29.76
		For Work In Restricted Working Space, Add	*44.58*	
23 05 23 00-0815	EA	3" Diameter Socket Weld, 150 Lb., Duplex Polyvinyl Chloride (PVC), Check Valve	256.75	34.55
		For Work In Restricted Working Space, Add	*51.44*	

23 05 23 00-0816 Polyvinyl Chloride (PVC) Body, Swing Check Valves *(23 05 23 00-0743)*

23 05 23 00-0817 Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals *(23 05 23 00-0816)*

23 05 23 00-0818	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	661.84	156.04
		For Work In Restricted Working Space, Add	*59.71*	
23 05 23 00-0819	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	845.35	264.70
		For Work In Restricted Working Space, Add	*98.34*	
23 05 23 00-0820	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,362.60	329.25
		For Work In Restricted Working Space, Add	*135.58*	
23 05 23 00-0821	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,814.00	417.06
		For Work In Restricted Working Space, Add	*153.65*	

23 05 23 00-0822 Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals *(23 05 23 00-0816)*

23 05 23 00-0823	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	781.27	156.04
		For Work In Restricted Working Space, Add	*59.71*	
23 05 23 00-0824	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,109.09	264.70
		For Work In Restricted Working Space, Add	*98.34*	
23 05 23 00-0825	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,612.42	329.25
		For Work In Restricted Working Space, Add	*135.58*	
23 05 23 00-0826	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	2,112.58	417.06
		For Work In Restricted Working Space, Add	*153.65*	

23 05 23 00-0827 Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter Weights *(23 05 23 00-0816)*

23 05 23 00-0828	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	812.79	156.04
		For Work In Restricted Working Space, Add	*59.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0829	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,111.58	264.70
		For Work In Restricted Working Space, Add	*98.34*	
23 05 23 00-0830	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,501.94	329.25
		For Work In Restricted Working Space, Add	*135.58*	
23 05 23 00-0831	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,928.79	417.06
		For Work In Restricted Working Space, Add	*153.65*	
23 05 23 00-0832		Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals And Counter Weights *(23 05 23 00-0816)*		
23 05 23 00-0833	EA	3" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	912.31	156.04
		For Work In Restricted Working Space, Add	*59.71*	
23 05 23 00-0834	EA	4" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,256.73	264.70
		For Work In Restricted Working Space, Add	*98.34*	
23 05 23 00-0835	EA	6" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,709.29	329.25
		For Work In Restricted Working Space, Add	*135.58*	
23 05 23 00-0836	EA	8" Diameter, Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	2,177.61	417.06
		For Work In Restricted Working Space, Add	*153.65*	
23 05 23 00-0837		Diaphragm Valves *(23 05 23)*		
23 05 23 00-0838		Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0839	EA	1/2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	298.35	36.22
23 05 23 00-0840	EA	3/4" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	383.52	40.12
23 05 23 00-0841	EA	1" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	414.84	49.60
23 05 23 00-0842	EA	1-1/2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	659.31	74.12
23 05 23 00-0843	EA	2" Diameter Threaded, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,066.69	89.17
23 05 23 00-0844		Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0845	EA	1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	479.05	58.08
23 05 23 00-0846	EA	3/4" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	562.49	60.50
23 05 23 00-0847	EA	1" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	656.55	90.76
23 05 23 00-0848	EA	1-1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,002.90	127.06
23 05 23 00-0849	EA	2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	1,630.82	161.30
23 05 23 00-0850	EA	2-1/2" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	2,120.41	161.61
23 05 23 00-0851	EA	3" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	2,643.42	189.47
23 05 23 00-0852	EA	4" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	3,701.31	317.65
23 05 23 00-0853	EA	6" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	7,896.15	395.11
23 05 23 00-0854	EA	8" Diameter Flanged, Cast Iron, 150 Lb., Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated, Diaphragm Valve	12,362.53	504.86
23 05 23 00-0855		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0856	EA	1/2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	180.72	36.22
23 05 23 00-0857	EA	3/4" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	238.02	40.12
23 05 23 00-0858	EA	1" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	269.34	49.60
23 05 23 00-0859	EA	1-1/2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	461.18	74.12
23 05 23 00-0860	EA	2" Diameter Threaded, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	605.45	89.17
23 05 23 00-0861		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0862	EA	1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	309.35	58.08
23 05 23 00-0863	EA	3/4" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	360.22	60.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0864	EA	1" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	454.24	90.76
23 05 23 00-0865	EA	1-1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	727.43	127.06
23 05 23 00-0866	EA	2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	989.41	161.30
23 05 23 00-0867	EA	2-1/2" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	1,229.68	161.61
23 05 23 00-0868	EA	3" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	1,502.71	189.47
23 05 23 00-0869	EA	4" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	2,356.67	317.65
23 05 23 00-0870	EA	6" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	4,883.66	395.11
23 05 23 00-0871	EA	8" Diameter Flanged, Cast Iron, 150 Lb., Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated, Diaphragm Valve	7,584.46	504.86
23 05 23 00-0872		125 Lb., Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0873	EA	1" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	595.61	90.76
23 05 23 00-0874	EA	1-1/2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	980.52	127.06
23 05 23 00-0875	EA	2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	1,327.41	161.30
23 05 23 00-0876	EA	2-1/2" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	1,958.48	161.61
23 05 23 00-0877	EA	3" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	2,155.80	189.47
23 05 23 00-0878	EA	4" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	3,364.55	317.65
23 05 23 00-0879	EA	6" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	6,938.39	395.11
23 05 23 00-0880	EA	8" Diameter Flanged, 125 Lb., Cast Iron, Diaphragm Valve	14,659.52	504.86
23 05 23 00-0881		Plastic Diaphragm Valves *(23 05 23 00-0837)*		
23 05 23 00-0882		Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valves *(23 05 23 00-0881)*		
23 05 23 00-0883	EA	1/2" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	193.46	36.22
23 05 23 00-0884	EA	3/4" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	216.18	40.01
23 05 23 00-0885	EA	1" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	273.26	49.60
23 05 23 00-0886	EA	1-1/4" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	395.24	64.08
23 05 23 00-0887	EA	1-1/2" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	417.26	74.23
23 05 23 00-0888	EA	2" Diameter True Union Socket Connections, Polyvinyl Chloride (PVC), Diaphragm Valve (George Fisher Type 314)	490.12	89.17
23 05 23 00-0889		Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valves *(23 05 23 00-0881)*		
23 05 23 00-0890	EA	1/2" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	269.77	36.22
23 05 23 00-0891	EA	3/4" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	294.15	40.01
23 05 23 00-0892	EA	1" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	374.45	49.60
23 05 23 00-0893	EA	1-1/4" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	484.81	64.08
23 05 23 00-0894	EA	1-1/2" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	543.32	74.23
23 05 23 00-0895	EA	2" Diameter True Union Socket Connections, Chlorinated Polyvinyl Chloride (CPVC), Diaphragm Valve (George Fisher Type 315)	592.97	89.17
23 05 23 00-0896		Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0881)*		
23 05 23 00-0897		Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0896)*		
23 05 23 00-0898	EA	1/2" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	136.87	36.22
23 05 23 00-0899	EA	3/4" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	153.23	40.12
23 05 23 00-0900	EA	1" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	190.46	49.60
23 05 23 00-0901	EA	1-1/4" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	267.54	64.08
23 05 23 00-0902	EA	1-1/2" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	287.60	74.12
23 05 23 00-0903	EA	2" Diameter Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	343.49	89.17
23 05 23 00-0904		Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0896)*		
23 05 23 00-0905	EA	1/2" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	136.87	36.22
23 05 23 00-0906	EA	3/4" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	153.23	40.12
23 05 23 00-0907	EA	1" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	190.76	49.60
23 05 23 00-0908	EA	1-1/4" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	267.54	64.08
23 05 23 00-0909	EA	1-1/2" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	287.60	74.12
23 05 23 00-0910	EA	2" Diameter Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	343.49	89.17

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23 05 23 00-0911		Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0881)*		
23 05 23 00-0912		Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0911)*		
23 05 23 00-0913	EA	1/2" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	123.96	36.22
23 05 23 00-0914	EA	3/4" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	138.26	40.12
23 05 23 00-0915	EA	1" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	172.18	49.60
23 05 23 00-0916	EA	1-1/4" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	239.67	64.08
23 05 23 00-0917	EA	1-1/2" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	259.73	74.12
23 05 23 00-0918	EA	2" Diameter Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	310.47	89.17
23 05 23 00-0919		Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0911)*		
23 05 23 00-0920	EA	1/2" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	123.96	36.22
23 05 23 00-0921	EA	3/4" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	138.26	40.12
23 05 23 00-0922	EA	1" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	172.18	49.60
23 05 23 00-0923	EA	1-1/4" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	239.67	64.08
23 05 23 00-0924	EA	1-1/2" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	259.73	74.12
23 05 23 00-0925	EA	2" Diameter Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	310.47	89.17
23 05 23 00-0926		Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0881)*		
23 05 23 00-0927		Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0926)*		
23 05 23 00-0928	EA	1/2" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	156.18	36.22
23 05 23 00-0929	EA	3/4" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	169.33	40.12
23 05 23 00-0930	EA	1" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	230.32	49.60
23 05 23 00-0931	EA	1-1/4" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	306.79	64.08
23 05 23 00-0932	EA	1-1/2" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	326.85	74.12
23 05 23 00-0933	EA	2" Diameter Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	396.16	89.17
23 05 23 00-0934		Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0926)*		
23 05 23 00-0935	EA	1/2" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	156.18	36.22
23 05 23 00-0936	EA	3/4" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	169.33	40.12
23 05 23 00-0937	EA	1" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	230.32	49.60
23 05 23 00-0938	EA	1-1/4" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	306.76	64.08
23 05 23 00-0939	EA	1-1/2" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	326.85	74.12
23 05 23 00-0940	EA	2" Diameter Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	396.16	89.17
23 05 23 00-0941		Pinch Valves *(23 05 23)*		
23 05 23 00-0942		Open Cast Iron Body Pinch Valves, Manually Operated *(23 05 23 00-0941)*		
23 05 23 00-0943	EA	4" Diameter Flanged, Open Cast Iron Body, Buna-N Sleeve, Pinch Valve	2,945.02	317.65
		For Viton Sleeve Material, Add	*287.00*	
		For Epoxy Coated, Add	*50.00*	
23 05 23 00-0944	EA	8" Diameter Flanged, Open Cast Iron Body, Buna-N Sleeve, Pinch Valve	7,700.37	504.86
		For Viton Sleeve Material, Add	*487.00*	
		For Epoxy Coated, Add	*138.00*	
23 05 23 00-0945	EA	12" Diameter Flanged, Open Cast Iron Body, Buna-N Sleeve, Pinch Valve	12,356.80	746.31
		For Viton Sleeve Material, Add	*673.00*	
		For Epoxy Coated, Add	*223.00*	
23 05 23 00-0946	EA	20" Diameter Flanged, Open Cast Iron Body, Buna-N Sleeve, Pinch Valve	40,066.55	1,207.27
		For Viton Sleeve Material, Add	*1,141.00*	
		For Epoxy Coated, Add	*753.00*	
23 05 23 00-0947	EA	24" Diameter Flanged, Open Cast Iron Body, Buna-N Sleeve, Pinch Valve	46,746.26	1,481.65
		For Viton Sleeve Material, Add	*1,287.00*	
		For Epoxy Coated, Add	*877.00*	
23 05 23 00-0948		Closed Cast Iron Body Pinch Valves, Manually Operated *(23 05 23 00-0941)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0949	EA	4" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	3,809.35	317.65
		For Viton Sleeve Material, Add	*287.00*	
		For Epoxy Coated, Add	*67.00*	
23 05 23 00-0950	EA	8" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	8,856.22	504.86
		For Viton Sleeve Material, Add	*487.00*	
		For Epoxy Coated, Add	*160.00*	
23 05 23 00-0951	EA	12" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	16,514.81	746.31
		For Viton Sleeve Material, Add	*673.00*	
		For Epoxy Coated, Add	*304.00*	
23 05 23 00-0952	EA	16" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	33,000.32	965.81
		For Viton Sleeve Material, Add	*849.00*	
		For Epoxy Coated, Add	*615.00*	
23 05 23 00-0953	EA	20" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	56,555.38	1,207.27
		For Viton Sleeve Material, Add	*1,141.00*	
		For Epoxy Coated, Add	*1,076.00*	
23 05 23 00-0954	EA	24" Diameter Flanged, Closed Cast Iron Body, Buna-N Sleeve, Pinch Valve	70,067.93	1,481.65
		For Viton Sleeve Material, Add	*1,287.00*	
		For Epoxy Coated, Add	*1,333.00*	
23 05 23 00-0955		**Closed Aluminum Body Pinch Valves, Manually Operated** *(23 05 23 00-0941)*		
23 05 23 00-0956	EA	4" Diameter Flanged, Closed Aluminum Body, Buna-N Sleeve, Pinch Valve	4,729.95	317.65
		For Viton Sleeve Material, Add	*287.00*	
23 05 23 00-0957	EA	8" Diameter Flanged, Closed Aluminum Body, Buna-N Sleeve, Pinch Valve	11,848.14	504.86
		For Viton Sleeve Material, Add	*487.00*	
23 05 23 00-0958	EA	12" Diameter Flanged, Closed Aluminum Body, Buna-N Sleeve, Pinch Valve	20,381.29	746.31
		For Viton Sleeve Material, Add	*673.00*	
23 05 23 00-0959		**Solenoid Valves** *(23 05 23)*		
23 05 23 00-0960		**Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure** *(23 05 23 00-0959)*		
23 05 23 00-0961	EA	1/4" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	142.00	12.10
23 05 23 00-0962	EA	1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	164.91	12.10
23 05 23 00-0963	EA	3/4" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	210.93	13.31
23 05 23 00-0964	EA	1" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	311.64	15.13
23 05 23 00-0965	EA	1-1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	550.83	18.63
23 05 23 00-0966	EA	2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	864.72	22.03
23 05 23 00-0967	EA	2-1/2" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	1,177.90	29.76
23 05 23 00-0968	EA	3" Diameter, 150 PSI, Bronze, Solenoid Valve, Water	1,711.44	34.55
23 05 23 00-0969		**Polyvinyl Chloride (PVC) Body Solenoid Valves** *(23 05 23 00-0959)*		
23 05 23 00-0970	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Viton Seals	219.71	12.10
23 05 23 00-0971	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Viton Seals	298.34	13.31
23 05 23 00-0972	EA	1" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Viton Seals	332.12	15.13
23 05 23 00-0973	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	215.58	12.10
23 05 23 00-0974	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	292.15	13.31
23 05 23 00-0975	EA	1" Diameter, Polyvinyl Chloride (PVC) Solenoid Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	324.90	15.13
23 05 23 00-0976		**Flow Control Valves And Meters** *(23 05 23)*		
23 05 23 00-0977		**Conditioned Water Balancing Valves** *(23 05 23 00-0976)*		
		Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0978	EA	1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	180.58	61.75
23 05 23 00-0979	EA	3/4" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	215.95	82.34
23 05 23 00-0980	EA	1" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,420.97	94.08
23 05 23 00-0981	EA	1-1/4" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,529.02	116.24
23 05 23 00-0982	EA	1-1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,637.22	123.50
23 05 23 00-0983	EA	2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,750.79	141.18
23 05 23 00-0984	EA	2-1/2" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,109.30	245.84
23 05 23 00-0985	EA	3" Diameter NPT, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,994.97	280.98
23 05 23 00-0986	EA	3" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,368.58	189.62
23 05 23 00-0987	EA	4" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,658.66	317.90
23 05 23 00-0988	EA	6" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,295.66	401.55
23 05 23 00-0989	EA	8" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	9,853.53	513.10
23 05 23 00-0990	EA	10" Diameter Flanged, Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	14,104.80	624.64
23 05 23 00-0991		**Read Out Meters** *(23 05 23 00-0976)*		
		Note: For use with conditioned portable water balancing valves.		
23 05 23 00-0992	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,402.49	
23 05 23 00-0993	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,897.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0994	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,897.99	
23 05 23 00-0995	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,897.99	
23 05 23 00-0996		**Balancing Valves** *(23 05 23)*		
23 05 23 00-0997		**Balancing Valves With Lever** *(23 05 23 00-0996)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0998	EA	1/2" Diameter Threaded, Balancing Valve With Lever	434.71	38.14
23 05 23 00-0999	EA	3/4" Diameter Threaded, Balancing Valve With Lever	469.14	50.25
23 05 23 00-1000	EA	1" Diameter Threaded, Balancing Valve With Lever	654.73	57.52
23 05 23 00-1001	EA	1-1/4" Diameter Threaded, Balancing Valve With Lever	702.97	71.43
23 05 23 00-1002	EA	1-1/2" Diameter Threaded, Balancing Valve With Lever	738.05	75.68
23 05 23 00-1003	EA	2" Diameter Threaded, Balancing Valve With Lever	907.58	86.57
23 05 23 00-1004	EA	2-1/2" Diameter Flanged, Balancing Valve With Lever	1,220.83	161.73
23 05 23 00-1005	EA	3" Diameter Flanged, Balancing Valve With Lever	1,221.79	189.62
23 05 23 00-1006	EA	4" Diameter Flanged, Balancing Valve With Lever	1,517.06	317.90
23 05 23 00-1007	EA	5" Diameter Flanged, Balancing Valve With Lever	4,596.45	361.40
23 05 23 00-1008	EA	6" Diameter Flanged, Balancing Valve With Lever	2,237.72	401.55
23 05 23 00-1009	EA	8" Diameter Flanged, Balancing Valve With Lever	2,963.03	513.10
23 05 23 00-1010		**Balancing Valves With Nut** *(23 05 23 00-0996)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-1011	EA	4" Diameter Flanged, Balancing Valve With Nut	1,517.06	317.90
23 05 23 00-1012	EA	5" Diameter Flanged, Balancing Valve With Nut	4,596.45	361.40
23 05 23 00-1013	EA	6" Diameter Flanged, Balancing Valve With Nut	2,237.72	401.55
23 05 23 00-1014	EA	8" Diameter Flanged, Balancing Valve With Nut	2,963.03	513.10
23 05 23 00-1015		**Balancing Valves With Hand Wheel** *(23 05 23 00-0996)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-1016	EA	4" Diameter Flanged, Balancing Valve With Hand Wheel	2,082.62	317.90
23 05 23 00-1017	EA	5" Diameter Flanged, Balancing Valve With Hand Wheel	5,194.34	361.40
23 05 23 00-1018	EA	6" Diameter Flanged, Balancing Valve With Hand Wheel	2,836.85	401.55
23 05 23 00-1019	EA	8" Diameter Flanged, Balancing Valve With Hand Wheel	4,025.80	513.10
23 05 23 00-1020	EA	10" Diameter Flanged, Balancing Valve With Hand Wheel	6,216.44	624.64
23 05 23 00-1021	EA	12" Diameter Flanged, Balancing Valve With Hand Wheel	8,142.50	505.76
23 05 23 00-1022	EA	14" Diameter Flanged, Balancing Valve With Hand Wheel	10,661.16	953.59
23 05 23 00-1023		**Balancing Valves With Chain Wheel** *(23 05 23 00-0996)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-1024	EA	4" Diameter Flanged, Balancing Valve With Chain Wheel	2,407.05	317.90
23 05 23 00-1025	EA	5" Diameter Flanged, Balancing Valve With Chain Wheel	5,513.79	361.40
23 05 23 00-1026	EA	6" Diameter Flanged, Balancing Valve With Chain Wheel	3,155.06	401.55
23 05 23 00-1027	EA	8" Diameter Flanged, Balancing Valve With Chain Wheel	4,417.34	513.10
23 05 23 00-1028	EA	10" Diameter Flanged, Balancing Valve With Chain Wheel	6,596.80	624.64
23 05 23 00-1029	EA	12" Diameter Flanged, Balancing Valve With Chain Wheel	8,852.55	505.40
23 05 23 00-1030	EA	14" Diameter Flanged, Balancing Valve With Chain Wheel	11,303.79	953.59
23 05 23 00-1031		**Calibrated Balancing Valves** *(23 05 23 00-0996)* Note: Bell & Gossett CB Series.		
23 05 23 00-1032	EA	1/2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1/2S)	149.43	12.11
23 05 23 00-1033	EA	3/4" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-3/4S)	175.41	13.32
23 05 23 00-1034	EA	1" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1S)	198.29	15.14
23 05 23 00-1035	EA	1-1/4" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1-1/4S)	277.48	16.11
23 05 23 00-1036	EA	1-1/2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-1-1/2S)	325.75	18.64
23 05 23 00-1037	EA	2" Diameter Brazed Or Soldered, Calibrated Balancing Valve (CB-2S)	437.42	22.04
23 05 23 00-1038	EA	1" Diameter Threaded, Calibrated Balancing Valve (CB-1)	227.94	15.14
23 05 23 00-1039	EA	1-1/4" Diameter Threaded, Calibrated Balancing Valve (CB-1-1/4)	310.70	16.11
23 05 23 00-1040	EA	1-1/2" Diameter Threaded, Calibrated Balancing Valve (CB-1-1/2)	347.79	18.64
23 05 23 00-1041	EA	2" Diameter Threaded, Calibrated Balancing Valve (CB-2)	468.39	22.04
23 05 23 00-1042	EA	2-1/2" Diameter Threaded, Calibrated Balancing Valve (CB-2-1/2)	659.60	32.33
23 05 23 00-1043	EA	3" Diameter Threaded, Calibrated Balancing Valve (CB-3)	1,151.52	37.53
23 05 23 00-1044	EA	2-1/2" Diameter Flanged, Calibrated Balancing Valve (CB-2-1/2F)	1,086.01	175.56
23 05 23 00-1045	EA	3" Diameter Flanged, Calibrated Balancing Valve (CB-3F)	1,888.81	205.84
23 05 23 00-1046	EA	4" Diameter Flanged, Calibrated Balancing Valve (CB-4F)	2,834.19	345.08
23 05 23 00-1047	EA	5" Diameter Flanged, Calibrated Balancing Valve (CB-5F)	3,912.48	392.30
23 05 23 00-1048	EA	6" Diameter Flanged, Calibrated Balancing Valve (CB-6F)	4,957.17	435.89
23 05 23 00-1049	EA	8" Diameter Flanged, Calibrated Balancing Valve (CB-8F)	7,850.52	556.97
23 05 23 00-1050	EA	10" Diameter Flanged, Calibrated Balancing Valve (CB-10F)	12,888.33	667.52
23 05 23 00-1051	EA	12" Diameter Flanged, Calibrated Balancing Valve (CB-12F)	27,246.38	810.55
23 05 23 00-1052	EA	4" Diameter Grooved, Calibrated Balancing Valve (CB-4G)	3,258.96	41.69
23 05 23 00-1053	EA	5" Diameter Grooved, Calibrated Balancing Valve (CB-5G)	3,783.47	55.97
23 05 23 00-1054	EA	6" Diameter Grooved, Calibrated Balancing Valve (CB-6G)	5,007.87	71.77
23 05 23 00-1055	EA	8" Diameter Grooved, Calibrated Balancing Valve (CB-8G)	9,392.06	91.10
23 05 23 00-1056	EA	10" Diameter Grooved, Calibrated Balancing Valve (CB-10G)	14,989.44	102.07
23 05 23 00-1057	EA	12" Diameter Grooved, Calibrated Balancing Valve (CB-12G)	30,902.04	124.46

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 23 00-1058 Butterfly Valves *(23 05 23)*

23 05 23 00-1059 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-1058)*

Note: With on-off handle

23 05 23 00-1060	EA	2" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	518.36	161.30
		For 200 PSI, Add	*152.01*	
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-1061	EA	2-1/2" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	537.75	161.61
		For 200 PSI, Add	*160.85*	
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-1062	EA	3" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	598.01	189.47
		For 200 PSI, Add	*173.22*	
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-1063	EA	4" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	850.98	317.65
		For 200 PSI, Add	*217.41*	
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-1064	EA	5" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,140.06	395.11
		For 200 PSI, Add	*309.32*	
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-1065	EA	6" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,336.79	439.01
		For 200 PSI, Add	*378.25*	
		For Work In Restricted Working Space, Add	*164.63*	
23 05 23 00-1066	EA	8" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	1,812.87	504.86
		For 200 PSI, Add	*569.15*	
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-1067	EA	10" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	3,066.06	614.61
		For 200 PSI, Add	*1,102.94*	
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-1068	EA	12" Diameter, Wafer Type, 150 PSI, Cast Iron, With Iron Disc, On Off Handle, Butterfly Valve	3,858.71	746.31
		For 200 PSI, Add	*1,405.19*	
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-1069 Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valves *(23 05 23 00-1058)*

23 05 23 00-1070	EA	2" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,070.72	161.30
		For Work In Restricted Working Space, Add	*60.50*	
23 05 23 00-1071	EA	2-1/2" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,079.05	161.61
		For Work In Restricted Working Space, Add	*60.80*	
23 05 23 00-1072	EA	3" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,157.73	189.47
		For Work In Restricted Working Space, Add	*71.14*	
23 05 23 00-1073	EA	4" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,436.48	317.65
		For Work In Restricted Working Space, Add	*119.42*	
23 05 23 00-1074	EA	5" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,788.16	395.11
		For Work In Restricted Working Space, Add	*148.70*	
23 05 23 00-1075	EA	6" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	1,981.00	439.01
		For Work In Restricted Working Space, Add	*164.63*	
23 05 23 00-1076	EA	8" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	2,483.06	504.86
		For Work In Restricted Working Space, Add	*188.15*	
23 05 23 00-1077	EA	10" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	3,165.48	614.61
		For Work In Restricted Working Space, Add	*230.48*	
23 05 23 00-1078	EA	12" Diameter, Lug Type, 200 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	4,414.75	746.31
		For Work In Restricted Working Space, Add	*279.37*	

23 05 23 00-1079 Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valves *(23 05 23 00-1058)*

23 05 23 00-1080	EA	14" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	7,544.99	994.87
		For 200 PSI, Add	*2,238.66*	
		For Work In Restricted Working Space, Add	*397.95*	
23 05 23 00-1081	EA	16" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	9,813.60	1,167.31
		For 200 PSI, Add	*3,007.61*	
		For Work In Restricted Working Space, Add	*437.74*	
23 05 23 00-1082	EA	18" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	14,033.92	1,299.97
		For 200 PSI, Add	*4,468.55*	
		For Work In Restricted Working Space, Add	*486.38*	
23 05 23 00-1083	EA	20" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	18,241.15	1,459.14
		For 200 PSI, Add	*5,910.20*	
		For Work In Restricted Working Space, Add	*547.18*	
23 05 23 00-1084	EA	24" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	24,661.25	1,790.76
		For 200 PSI, Add	*8,069.91*	
		For Work In Restricted Working Space, Add	*673.45*	
23 05 23 00-1085	EA	30" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	51,716.37	2,826.77
		For 200 PSI, Add	*17,322.71*	
		For Work In Restricted Working Space, Add	*1,079.32*	
23 05 23 00-1086	EA	36" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	65,635.12	3,854.69
		For 200 PSI, Add	*22,009.67*	
		For Work In Restricted Working Space, Add	*1,349.15*	
23 05 23 00-1087	EA	42" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	78,274.41	5,653.55
		For 200 PSI, Add	*25,688.06*	
		For Work In Restricted Working Space, Add	*2,075.61*	
23 05 23 00-1088	EA	48" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	94,590.18	7,066.95
		For 200 PSI, Add	*30,814.52*	
		For Work In Restricted Working Space, Add	*2,698.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-1089	EA	54" Diameter, Lug Type, 150 Lb., Cast Iron Body, Bronze Disc, Gear Operated, Butterfly Valve	113,888.87	8,480.33
		For 200 PSI, Add	*36,952.56*	
		For Work In Restricted Working Space, Add	*3,372.86*	

23 05 23 00-1090 Plastic Butterfly Valves *(23 05 23 00-1058)*

23 05 23 00-1091 Polyvinyl Chloride (PVC) Butterfly Valves, With Operator *(23 05 23 00-1090)*

23 05 23 00-1092 Polyvinyl Chloride (PVC) Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals *(23 05 23 00-1091)*

23 05 23 00-1093	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	242.96	105.88
23 05 23 00-1094	EA	2" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	279.50	133.11
23 05 23 00-1095	EA	3" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	321.81	156.04
23 05 23 00-1096	EA	4" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	470.18	264.70
23 05 23 00-1097	EA	6" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	666.53	329.25
23 05 23 00-1098	EA	8" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	894.96	417.06
23 05 23 00-1099	EA	10" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	1,400.64	493.88
23 05 23 00-1100	EA	12" Diameter, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	1,819.64	603.63

23 05 23 00-1101 Polyvinyl Chloride (PVC) Butterfly Valves, Viton Liner And Seals *(23 05 23 00-1091)*

23 05 23 00-1102	EA	1-1/2" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	363.68	105.88
23 05 23 00-1103	EA	2" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	400.22	133.11
23 05 23 00-1104	EA	3" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	465.23	156.04
23 05 23 00-1105	EA	4" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	650.75	264.70
23 05 23 00-1106	EA	6" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	981.22	329.25
23 05 23 00-1107	EA	8" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	1,406.72	417.06
23 05 23 00-1108	EA	10" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	2,576.86	493.88
23 05 23 00-1109	EA	12" Diameter, Polyvinyl Chloride (PVC) With Viton Liner And Seals, Butterfly Valve	3,419.92	603.63

23 05 23 00-1110 Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, With Operator *(23 05 23 00-1090)*

23 05 23 00-1111 Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals *(23 05 23 00-1110)*

23 05 23 00-1112	EA	2" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	290.02	133.11
23 05 23 00-1113	EA	2-1/2" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	297.83	133.74
23 05 23 00-1114	EA	3" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	329.29	156.04
23 05 23 00-1115	EA	4" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	468.60	264.70
23 05 23 00-1116	EA	6" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	660.36	329.25
23 05 23 00-1117	EA	8" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	980.56	417.06
23 05 23 00-1118	EA	10" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	1,531.91	493.88
23 05 23 00-1119	EA	12" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Butterfly Valve	1,966.84	603.63

23 05 23 00-1120 Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Viton Liner And Seals *(23 05 23 00-1110)*

23 05 23 00-1121	EA	2" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	351.53	55.06
23 05 23 00-1122	EA	2-1/2" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	385.22	66.55
23 05 23 00-1123	EA	3" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	404.91	74.23
23 05 23 00-1124	EA	4" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	473.44	85.71
23 05 23 00-1125	EA	6" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	759.81	139.31
23 05 23 00-1126	EA	8" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	1,621.79	222.91
23 05 23 00-1127	EA	10" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	2,408.79	247.43
23 05 23 00-1128	EA	12" Diameter, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals, Butterfly Valve	3,374.01	278.64

23 05 23 00-1129 Polyvinylidene Fluoride (PVDF) Butterfly Valves, With Operator *(23 05 23 00-1090)*

23 05 23 00-1130 Polyvinylidene Fluoride (PVDF) Butterfly Valves, Viton Liner And Seals *(23 05 23 00-1129)*

23 05 23 00-1131	EA	2" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	957.56	133.11
23 05 23 00-1132	EA	2-1/2" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	994.23	133.74
23 05 23 00-1133	EA	3" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	1,085.82	156.04
23 05 23 00-1134	EA	4" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	1,531.99	264.70
23 05 23 00-1135	EA	6" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	2,746.65	329.25
23 05 23 00-1136	EA	8" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	5,317.44	417.06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-1137	EA	10" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	7,894.29	493.88
23 05 23 00-1138	EA	12" Diameter, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals, Butterfly Valve	9,836.00	603.63

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	21.82	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0005	EA	3/4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	24.05	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0006	EA	1" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	25.30	11.15
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0007	EA	1-1/4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	26.21	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0008	EA	1-1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	26.44	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0009	EA	2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	27.56	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0010	EA	2-1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	30.00	12.70
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0011	EA	3" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	31.90	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0012	EA	3-1/2" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	33.41	14.69
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0013	EA	4" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	36.55	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0014	EA	5" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	46.79	18.67
		For Work In Restricted Working Space, Add	*11.20*	
23 05 29 00-0015	EA	6" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	56.25	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0016	EA	8" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	75.06	27.86
		For Work In Restricted Working Space, Add	*16.72*	
23 05 29 00-0017	EA	10" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	108.75	37.90
		For Work In Restricted Working Space, Add	*22.29*	
23 05 29 00-0018	EA	12" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	127.00	41.80
		For Work In Restricted Working Space, Add	*25.08*	
23 05 29 00-0019	EA	14" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	156.99	46.81
		For Work In Restricted Working Space, Add	*28.76*	
23 05 29 00-0020	EA	16" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	194.45	55.73
		For Work In Restricted Working Space, Add	*33.44*	
23 05 29 00-0021	EA	18" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	242.40	69.66
		For Work In Restricted Working Space, Add	*41.79*	
23 05 29 00-0022	EA	20" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	383.81	83.59
		For Work In Restricted Working Space, Add	*50.16*	
23 05 29 00-0023	EA	24" Diameter Size, Steel Clevis Hanger (Cooper B-Line B3100)	577.69	97.52
		For Work In Restricted Working Space, Add	*58.52*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.49	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0026	EA	3/4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.72	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0027	EA	1" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.07	11.15
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0028	EA	1-1/4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.08	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0029	EA	1-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.68	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0030	EA	2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.50	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0031	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	36.03	12.70
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0032	EA	3" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	37.74	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0033	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	42.36	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0034	EA	4" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	46.30	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0035	EA	5" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	74.28	18.67
		For Work In Restricted Working Space, Add	*11.20*	
23 05 29 00-0036	EA	6" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	91.80	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0037	EA	8" Diameter Size, Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	109.71	27.86
		For Work In Restricted Working Space, Add	*16.72*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.65	10.04
		For Work In Restricted Working Space, Add	*6.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0040	EA	3/4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.92	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0041	EA	1" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.26	11.15
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0042	EA	1-1/4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.95	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0043	EA	1-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.08	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0044	EA	2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.83	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0045	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	29.04	12.70
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0046	EA	3" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	30.28	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0047	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	34.13	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0048	EA	4" Diameter Size, Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	35.06	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0049		**Extended Steel Clevis Hanger (Cooper B-Line B3108)** *(23 05 29 00-0002)*		
23 05 29 00-0050	EA	3/4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.75	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0051	EA	1" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.00	11.15
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0052	EA	1-1/4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.65	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0053	EA	1-1/2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	32.58	12.06
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0054	EA	2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	34.78	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0055	EA	2-1/2" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.13	12.70
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0056	EA	3" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	38.90	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0057	EA	4" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	46.43	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0058	EA	5" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	58.56	18.67
		For Work In Restricted Working Space, Add	*11.20*	
23 05 29 00-0059	EA	6" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	72.03	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0060	EA	8" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	100.96	27.86
		For Work In Restricted Working Space, Add	*16.72*	
23 05 29 00-0061	EA	10" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	141.18	37.90
		For Work In Restricted Working Space, Add	*22.29*	
23 05 29 00-0062	EA	12" Diameter Size, Steel Extended Clevis Hanger (Cooper B-Line B3108)	158.59	41.80
		For Work In Restricted Working Space, Add	*25.08*	
23 05 29 00-0063		**Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)** *(23 05 29 00-0002)*		
23 05 29 00-0064	EA	2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	35.88	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0065	EA	2-1/2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.16	12.70
		For Work In Restricted Working Space, Add	*7.65*	
23 05 29 00-0066	EA	3" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.06	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0067	EA	3-1/2" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	44.44	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0068	EA	4" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	46.76	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0069	EA	5" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	58.13	18.67
		For Work In Restricted Working Space, Add	*11.20*	
23 05 29 00-0070	EA	6" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	67.99	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0071	EA	8" Diameter Size, Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	89.75	27.86
		For Work In Restricted Working Space, Add	*16.72*	
23 05 29 00-0072		**Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)** *(23 05 29 00-0002)*		
23 05 29 00-0073	EA	1/2" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	27.13	10.31
		For Work In Restricted Working Space, Add	*6.19*	
23 05 29 00-0074	EA	3/4" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	28.80	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0075	EA	1" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	29.98	11.15
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0076	EA	1-1/4" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	31.11	11.51
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0077	EA	1-1/2" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	31.80	11.88
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0078	EA	2" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	33.34	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0079	EA	2-1/2" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	37.63	12.81
		For Work In Restricted Working Space, Add	*7.60*	
23 05 29 00-0080	EA	3" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	43.69	13.37
		For Work In Restricted Working Space, Add	*7.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0081	EA	3-1/2" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	47.54	14.49
		For Work In Restricted Working Space, Add	*8.36*	
23 05 29 00-0082	EA	4" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	50.12	15.60
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0083	EA	5" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	62.66	18.95
		For Work In Restricted Working Space, Add	*10.72*	
23 05 29 00-0084	EA	6" Diameter Size, Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	83.12	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0085		Fiberglass Clevis Hanger *(23 05 29 00-0002)*		
23 05 29 00-0086	EA	1-1/2" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	268.53	11.88
23 05 29 00-0087	EA	2" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	274.72	12.37
23 05 29 00-0088	EA	2-1/2" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	275.59	12.81
23 05 29 00-0089	EA	3" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	316.13	13.15
23 05 29 00-0090	EA	4" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	399.09	14.83
23 05 29 00-0091	EA	6" Diameter Size, Fiberglass Clevis Hanger (Cooper BFV3104)	523.49	22.29
23 05 29 00-0092	EA	8" Diameter Size, Fiberglass Clevis Hanger (Cooper BFP3104)	734.77	27.86
23 05 29 00-0093	EA	10" Diameter Size, Fiberglass Clevis Hanger (Cooper BFP3104)	858.75	37.11
23 05 29 00-0094	EA	12" Diameter Size, Fiberglass Clevis Hanger (Cooper BFP3104)	1,100.70	41.80
23 05 29 00-0095		Adjustable Hangers *(23 05 29 00-0001)*		
23 05 29 00-0096		Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0095)*		
		Note: Type 5.		
23 05 29 00-0097	EA	1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	19.81	8.78
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0098	EA	3/4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.73	9.74
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0099	EA	1" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.88	10.82
		For Work In Restricted Working Space, Add	*6.50*	
23 05 29 00-0100	EA	1-1/4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	26.37	12.03
		For Work In Restricted Working Space, Add	*7.22*	
23 05 29 00-0101	EA	1-1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	27.70	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0102	EA	2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	29.61	13.22
		For Work In Restricted Working Space, Add	*7.94*	
23 05 29 00-0103	EA	2-1/2" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	33.68	13.83
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0104	EA	3" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	35.20	14.43
		For Work In Restricted Working Space, Add	*8.66*	
23 05 29 00-0105	EA	4" Diameter Size, Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	41.68	16.23
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-0106		Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0095)*		
		Note: Type 10.		
23 05 29 00-0107	EA	1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.32	11.15
		For Work In Restricted Working Space, Add	*6.69*	
		For 304 Stainless Steel, Add	*5.25*	
		For 316 Stainless Steel, Add	*6.44*	
23 05 29 00-0108	EA	3/4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.60	11.15
		For Work In Restricted Working Space, Add	*7.04*	
		For 304 Stainless Steel, Add	*5.76*	
		For 316 Stainless Steel, Add	*7.06*	
23 05 29 00-0109	EA	1" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	25.90	12.26
		For Work In Restricted Working Space, Add	*7.43*	
		For 304 Stainless Steel, Add	*5.76*	
		For 316 Stainless Steel, Add	*7.06*	
23 05 29 00-0110	EA	1-1/4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	27.49	13.37
		For Work In Restricted Working Space, Add	*7.87*	
		For 304 Stainless Steel, Add	*6.43*	
		For 316 Stainless Steel, Add	*7.88*	
23 05 29 00-0111	EA	1-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	30.98	15.60
		For Work In Restricted Working Space, Add	*8.92*	
		For 304 Stainless Steel, Add	*6.43*	
		For 316 Stainless Steel, Add	*7.88*	
23 05 29 00-0112	EA	2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	33.17	15.60
		For Work In Restricted Working Space, Add	*9.55*	
		For 304 Stainless Steel, Add	*6.78*	
		For 316 Stainless Steel, Add	*8.31*	
23 05 29 00-0113	EA	2-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	36.45	16.72
		For Work In Restricted Working Space, Add	*10.29*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*13.50*	
23 05 29 00-0114	EA	3" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	39.40	18.95
		For Work In Restricted Working Space, Add	*11.15*	
		For 304 Stainless Steel, Add	*11.48*	
		For 316 Stainless Steel, Add	*14.06*	
23 05 29 00-0115	EA	3-1/2" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	43.70	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For 304 Stainless Steel, Add	*15.40*	
		For 316 Stainless Steel, Add	*18.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0116	EA	4" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	47.60	22.29
		For Work In Restricted Working Space, Add	*13.37*	
		For 304 Stainless Steel, Add	*15.40*	
		For 316 Stainless Steel, Add	*18.88*	
23 05 29 00-0117	EA	5" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	56.43	25.07
		For Work In Restricted Working Space, Add	*15.05*	
		For 304 Stainless Steel, Add	*31.98*	
		For 316 Stainless Steel, Add	*39.19*	
23 05 29 00-0118	EA	6" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	62.10	27.86
		For Work In Restricted Working Space, Add	*16.72*	
		For 304 Stainless Steel, Add	*32.49*	
		For 316 Stainless Steel, Add	*39.81*	
23 05 29 00-0119	EA	8" Diameter Size, Adjustable Swivel Steel Ring (Cooper B-Line B3170)	74.43	33.44
		For Work In Restricted Working Space, Add	*20.06*	
		For 304 Stainless Steel, Add	*38.56*	
		For 316 Stainless Steel, Add	*47.25*	

23 05 29 00-0120 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0095)*

23 05 29 00-0121	EA	1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.03	11.15
		For Work In Restricted Working Space, Add	*6.69*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*23.38*	
23 05 29 00-0122	EA	3/4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	27.21	11.15
		For Work In Restricted Working Space, Add	*7.04*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*23.38*	
23 05 29 00-0123	EA	1" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	28.51	12.26
		For Work In Restricted Working Space, Add	*7.43*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*23.38*	
23 05 29 00-0124	EA	1-1/4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	29.97	13.37
		For Work In Restricted Working Space, Add	*7.87*	
		For 304 Stainless Steel, Add	*19.07*	
		For 316 Stainless Steel, Add	*23.38*	
23 05 29 00-0125	EA	1-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	33.77	15.60
		For Work In Restricted Working Space, Add	*8.92*	
		For 304 Stainless Steel, Add	*20.66*	
		For 316 Stainless Steel, Add	*25.31*	
23 05 29 00-0126	EA	2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	35.89	15.60
		For Work In Restricted Working Space, Add	*9.55*	
		For 304 Stainless Steel, Add	*20.66*	
		For 316 Stainless Steel, Add	*25.31*	
23 05 29 00-0127	EA	2-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	44.92	16.72
		For Work In Restricted Working Space, Add	*10.29*	
		For 304 Stainless Steel, Add	*54.21*	
		For 316 Stainless Steel, Add	*66.44*	
23 05 29 00-0128	EA	3" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	50.32	18.95
		For Work In Restricted Working Space, Add	*11.15*	
		For 304 Stainless Steel, Add	*67.17*	
		For 316 Stainless Steel, Add	*82.31*	
23 05 29 00-0129	EA	3-1/2" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	54.89	20.34
		For Work In Restricted Working Space, Add	*12.20*	
		For 304 Stainless Steel, Add	*72.47*	
		For 316 Stainless Steel, Add	*88.81*	
23 05 29 00-0130	EA	4" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	61.88	22.29
		For Work In Restricted Working Space, Add	*13.37*	
		For 304 Stainless Steel, Add	*88.23*	
		For 316 Stainless Steel, Add	*108.13*	
23 05 29 00-0131	EA	5" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	67.70	25.07
		For Work In Restricted Working Space, Add	*15.05*	
		For 304 Stainless Steel, Add	*89.45*	
		For 316 Stainless Steel, Add	*109.63*	
23 05 29 00-0132	EA	6" Diameter Size, Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	81.12	27.86
		For Work In Restricted Working Space, Add	*16.72*	
		For 304 Stainless Steel, Add	*129.49*	
		For 316 Stainless Steel, Add	*158.69*	

23 05 29 00-0133 Roller Hangers *(23 05 29 00-0001)*

23 05 29 00-0134 Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0133)*

Note: Excludes rod and nuts. Type 41.

23 05 29 00-0135	EA	2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	32.48	8.92
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0136	EA	2-1/2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	35.80	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0137	EA	3" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	40.00	11.71
		For Work In Restricted Working Space, Add	*7.03*	
23 05 29 00-0138	EA	3-1/2" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	46.00	13.38
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0139	EA	4" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	62.52	15.06
		For Work In Restricted Working Space, Add	*9.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0140	EA	5" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	56.81	16.73
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0141	EA	6" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	70.46	20.08
		For Work In Restricted Working Space, Add	*12.05*	
23 05 29 00-0142	EA	8" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	93.87	23.42
		For Work In Restricted Working Space, Add	*14.06*	
23 05 29 00-0143	EA	10" Diameter Size, Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	111.31	27.88
		For Work In Restricted Working Space, Add	*16.73*	
23 05 29 00-0144		**Adjustable Clevis Roller Hanger (Cooper B-Line B3110)** *(23 05 29 00-0133)* Note: Type 43.		
23 05 29 00-0145	EA	2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	48.94	15.74
		For Work In Restricted Working Space, Add	*9.08*	
		For 304 Stainless Steel, Add	*95.22*	
		For 316 Stainless Steel, Add	*116.69*	
23 05 29 00-0146	EA	2-1/2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	51.12	16.23
		For Work In Restricted Working Space, Add	*9.74*	
		For 304 Stainless Steel, Add	*95.22*	
		For 316 Stainless Steel, Add	*116.69*	
23 05 29 00-0147	EA	3" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	55.41	16.96
		For Work In Restricted Working Space, Add	*10.38*	
		For 304 Stainless Steel, Add	*106.18*	
		For 316 Stainless Steel, Add	*130.13*	
23 05 29 00-0148	EA	3-1/2" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	64.05	18.16
		For Work In Restricted Working Space, Add	*10.90*	
		For 304 Stainless Steel, Add	*141.37*	
		For 316 Stainless Steel, Add	*173.25*	
23 05 29 00-0149	EA	4" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	68.08	20.58
		For Work In Restricted Working Space, Add	*12.11*	
		For 304 Stainless Steel, Add	*141.37*	
		For 316 Stainless Steel, Add	*173.25*	
23 05 29 00-0150	EA	5" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	76.67	22.16
		For Work In Restricted Working Space, Add	*13.29*	
		For 304 Stainless Steel, Add	*165.04*	
		For 316 Stainless Steel, Add	*202.25*	
23 05 29 00-0151	EA	6" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	88.62	24.21
		For Work In Restricted Working Space, Add	*14.53*	
		For 304 Stainless Steel, Add	*204.97*	
		For 316 Stainless Steel, Add	*251.19*	
23 05 29 00-0152	EA	8" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	120.69	30.27
		For Work In Restricted Working Space, Add	*18.16*	
		For 304 Stainless Steel, Add	*306.77*	
		For 316 Stainless Steel, Add	*375.94*	
23 05 29 00-0153	EA	10" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	152.38	41.17
		For Work In Restricted Working Space, Add	*24.22*	
		For 304 Stainless Steel, Add	*365.47*	
		For 316 Stainless Steel, Add	*447.88*	
23 05 29 00-0154	EA	12" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	196.15	45.40
		For Work In Restricted Working Space, Add	*27.24*	
		For 304 Stainless Steel, Add	*537.23*	
		For 316 Stainless Steel, Add	*658.38*	
23 05 29 00-0155	EA	14" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	396.05	52.06
		For Work In Restricted Working Space, Add	*31.24*	
		For 304 Stainless Steel, Add	*1,488.79*	
		For 316 Stainless Steel, Add	*1,824.50*	
23 05 29 00-0156	EA	16" Diameter Size, Steel Clevis Roller Hanger (Cooper B-Line B3110)	495.80	60.54
		For Work In Restricted Working Space, Add	*36.32*	
		For 304 Stainless Steel, Add	*1,911.07*	
		For 316 Stainless Steel, Add	*2,342.00*	
23 05 29 00-0157		**Roller Chair (Cooper B-Line B3120)** *(23 05 29 00-0133)*		
23 05 29 00-0158	EA	2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	47.71	15.74
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0159	EA	2-1/2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	51.39	16.23
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-0160	EA	3" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	53.95	16.96
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0161	EA	3-1/2" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	61.00	18.16
		For Work In Restricted Working Space, Add	*10.90*	
23 05 29 00-0162	EA	4" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	67.95	20.58
		For Work In Restricted Working Space, Add	*12.11*	
23 05 29 00-0163	EA	5" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	74.28	22.16
		For Work In Restricted Working Space, Add	*13.29*	
23 05 29 00-0164	EA	6" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	90.18	24.21
		For Work In Restricted Working Space, Add	*14.53*	
23 05 29 00-0165	EA	8" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	116.97	30.27
		For Work In Restricted Working Space, Add	*18.16*	
23 05 29 00-0166	EA	10" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	151.51	41.17
		For Work In Restricted Working Space, Add	*24.22*	
23 05 29 00-0167	EA	12" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	193.90	45.40
		For Work In Restricted Working Space, Add	*27.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0168	EA	14" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	212.26	52.06
		For Work In Restricted Working Space, Add	*31.24*	
23 05 29 00-0169	EA	16" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	255.30	60.54
		For Work In Restricted Working Space, Add	*36.32*	
23 05 29 00-0170	EA	18" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	342.47	75.68
		For Work In Restricted Working Space, Add	*45.41*	
23 05 29 00-0171	EA	20" Diameter Size, Steel Roller Chair (Cooper B-Line B3120)	422.98	90.81
		For Work In Restricted Working Space, Add	*54.49*	

23 05 29 00-0172 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0133)*

23 05 29 00-0173	EA	2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	53.45	15.74
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0174	EA	2-1/2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	59.87	16.23
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-0175	EA	3" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	63.01	16.96
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0176	EA	3-1/2" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	66.54	18.16
		For Work In Restricted Working Space, Add	*10.90*	
23 05 29 00-0177	EA	4" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	79.55	20.58
		For Work In Restricted Working Space, Add	*12.11*	
23 05 29 00-0178	EA	5" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	90.00	22.16
		For Work In Restricted Working Space, Add	*13.29*	
23 05 29 00-0179	EA	6" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	104.37	24.21
		For Work In Restricted Working Space, Add	*14.53*	
23 05 29 00-0180	EA	8" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	146.19	30.27
		For Work In Restricted Working Space, Add	*18.16*	
23 05 29 00-0181	EA	10" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	183.01	41.17
		For Work In Restricted Working Space, Add	*24.22*	
23 05 29 00-0182	EA	12" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	211.34	45.40
		For Work In Restricted Working Space, Add	*27.24*	
23 05 29 00-0183	EA	14" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	295.75	52.06
		For Work In Restricted Working Space, Add	*31.24*	
23 05 29 00-0184	EA	16" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	354.05	60.54
		For Work In Restricted Working Space, Add	*36.32*	
23 05 29 00-0185	EA	18" Diameter Size, Steel Adjustable Roller Support (Cooper B-Line B3122)	403.92	75.68
		For Work In Restricted Working Space, Add	*45.41*	

23 05 29 00-0186 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0133)*

23 05 29 00-0187	EA	2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	53.78	15.74
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0188	EA	2-1/2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	60.17	16.23
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-0189	EA	3" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	63.50	16.96
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0190	EA	3-1/2" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	66.11	18.16
		For Work In Restricted Working Space, Add	*10.90*	
23 05 29 00-0191	EA	4" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	82.90	20.58
		For Work In Restricted Working Space, Add	*12.11*	
23 05 29 00-0192	EA	5" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	93.95	22.16
		For Work In Restricted Working Space, Add	*13.29*	
23 05 29 00-0193	EA	6" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	109.08	24.21
		For Work In Restricted Working Space, Add	*14.53*	
23 05 29 00-0194	EA	8" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	153.48	30.27
		For Work In Restricted Working Space, Add	*18.16*	
23 05 29 00-0195	EA	10" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	191.77	41.17
		For Work In Restricted Working Space, Add	*24.22*	
23 05 29 00-0196	EA	12" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	221.58	45.40
		For Work In Restricted Working Space, Add	*27.24*	
23 05 29 00-0197	EA	14" Diameter Size, Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	312.13	52.06
		For Work In Restricted Working Space, Add	*31.24*	

23 05 29 00-0198 Pipe And Riser Clamps *(23 05 29 00-0001)*

Note: Includes bolts and weldless eye nuts.

23 05 29 00-0199 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0198)*

Note: Type 4.

23 05 29 00-0200	EA	1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	18.78	7.22
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0201	EA	3/4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	19.02	7.34
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-0202	EA	1" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	19.29	7.46
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0203	EA	1-1/4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	20.86	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0204	EA	1-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	21.10	7.70
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0205	EA	2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	22.33	7.82
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0206	EA	2-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	23.21	8.06
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0207	EA	3" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	24.52	8.30
		For Work In Restricted Working Space, Add	*4.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0208	EA	3-1/2" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	28.05	8.41
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0209	EA	4" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	32.86	10.82
		For Work In Restricted Working Space, Add	*6.50*	
23 05 29 00-0210	EA	5" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	46.77	14.43
		For Work In Restricted Working Space, Add	*8.66*	
23 05 29 00-0211	EA	6" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	63.53	18.03
		For Work In Restricted Working Space, Add	*10.82*	
23 05 29 00-0212	EA	8" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	74.71	21.04
		For Work In Restricted Working Space, Add	*12.62*	
23 05 29 00-0213	EA	10" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	106.92	24.05
		For Work In Restricted Working Space, Add	*14.43*	
23 05 29 00-0214	EA	12" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	143.89	26.46
		For Work In Restricted Working Space, Add	*15.87*	
23 05 29 00-0215	EA	14" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	228.48	28.86
		For Work In Restricted Working Space, Add	*17.32*	
23 05 29 00-0216	EA	16" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	247.65	31.27
		For Work In Restricted Working Space, Add	*18.76*	
23 05 29 00-0217	EA	18" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	397.13	33.67
		For Work In Restricted Working Space, Add	*20.20*	
23 05 29 00-0218	EA	20" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	458.37	36.08
		For Work In Restricted Working Space, Add	*21.65*	
23 05 29 00-0219	EA	24" Diameter Size, Steel Pipe Clamp (Cooper B-Line B3140)	595.18	39.68
		For Work In Restricted Working Space, Add	*23.81*	

23 05 29 00-0220 Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0198)*

23 05 29 00-0221	EA	3" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	36.34	7.80
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0222	EA	4" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	47.05	7.80
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0223	EA	5" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	51.53	8.07
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0224	EA	6" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	81.01	8.36
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0225	EA	8" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	88.08	8.91
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0226	EA	10" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	149.02	8.91
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-0227	EA	12" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	239.91	10.04
		For Work In Restricted Working Space, Add	*6.01*	
23 05 29 00-0228	EA	14" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	303.93	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0229	EA	16" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	330.84	13.37
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0230	EA	18" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,021.34	15.60
		For Work In Restricted Working Space, Add	*9.36*	
23 05 29 00-0231	EA	20" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,173.63	16.72
		For Work In Restricted Working Space, Add	*10.03*	
23 05 29 00-0232	EA	24" Diameter Size, Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,502.27	17.84
		For Work In Restricted Working Space, Add	*10.70*	

23 05 29 00-0233 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0198)*

Note: Type 8.

23 05 29 00-0234	EA	1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	18.81	6.69
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0235	EA	3/4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	19.53	6.80
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0236	EA	1" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	19.83	6.91
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0237	EA	1-1/4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	21.31	7.02
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0238	EA	1-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	22.10	7.13
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0239	EA	2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	22.62	7.25
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0240	EA	2-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	23.56	7.47
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0241	EA	3" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	24.90	7.69
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0242	EA	3-1/2" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	27.17	7.80
		For Work In Restricted Working Space, Add	*4.68*	
23 05 29 00-0243	EA	4" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	33.16	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0244	EA	5" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	43.00	13.37
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0245	EA	6" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	54.46	16.72
		For Work In Restricted Working Space, Add	*10.03*	
23 05 29 00-0246	EA	8" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	73.43	19.50
		For Work In Restricted Working Space, Add	*11.70*	
23 05 29 00-0247	EA	10" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	95.51	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0248	EA	12" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	114.83	24.52
		For Work In Restricted Working Space, Add	*14.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0249	EA	14" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	152.48	26.75
		For Work In Restricted Working Space, Add	*16.05*	
23 05 29 00-0250	EA	16" Diameter Size, Steel Riser Clamp (Cooper B-Line B3373)	283.90	28.97
		For Work In Restricted Working Space, Add	*17.39*	
23 05 29 00-0251		**Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)** *(23 05 29 00-0198)*		
23 05 29 00-0252	EA	1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	31.74	6.69
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0253	EA	3/4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	32.22	6.80
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0254	EA	1" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.53	6.91
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0255	EA	1-1/4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.74	7.02
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0256	EA	1-1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	40.13	7.13
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0257	EA	2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	42.54	7.25
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0258	EA	2-1/2" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	45.95	7.47
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0259	EA	3" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	50.33	7.69
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0260	EA	4" Diameter Size, Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	68.04	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0261		**Copper Tubing Riser Clamp (Cooper B-Line B3373CT)** *(23 05 29 00-0198)*		
23 05 29 00-0262	EA	1/2" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	33.13	6.69
23 05 29 00-0263	EA	3/4" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	33.35	6.80
23 05 29 00-0264	EA	1" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	33.59	6.91
23 05 29 00-0265	EA	1-1/4" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	34.45	7.02
23 05 29 00-0266	EA	1-1/2" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	39.18	7.13
23 05 29 00-0267	EA	2" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	40.76	7.25
23 05 29 00-0268	EA	2-1/2" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	45.88	7.47
23 05 29 00-0269	EA	3" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	51.17	7.69
23 05 29 00-0270	EA	3-1/2" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	63.13	7.80
23 05 29 00-0271	EA	4" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	68.07	10.04
23 05 29 00-0272	EA	5" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	90.50	13.37
23 05 29 00-0273	EA	6" Diameter Size, Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	115.56	16.72
23 05 29 00-0274		**Two Bolt Steel Underground Clamp (Cooper B-Line B3132)** *(23 05 29 00-0198)* Note: Type 42		
23 05 29 00-0275	EA	4" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	69.40	7.80
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0276	EA	6" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	73.72	8.36
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0277	EA	8" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	80.87	8.91
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0278	EA	10" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	86.15	8.91
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-0279	EA	12" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	104.02	10.04
		For Work In Restricted Working Space, Add	*6.01*	
23 05 29 00-0280	EA	14" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	317.52	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0281	EA	16" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	424.94	13.37
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0282	EA	18" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	506.26	15.60
		For Work In Restricted Working Space, Add	*9.36*	
23 05 29 00-0283	EA	20" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	735.83	16.72
		For Work In Restricted Working Space, Add	*10.03*	
23 05 29 00-0284	EA	24" Diameter Size, Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	1,012.73	17.84
		For Work In Restricted Working Space, Add	*10.70*	
23 05 29 00-0285		**Four Bolt Steel Underground Clamp (Cooper B-Line B3134)** *(23 05 29 00-0198)*		
23 05 29 00-0286	EA	4" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	64.22	7.80
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0287	EA	6" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	69.28	8.36
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0288	EA	8" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	119.48	8.91
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0289	EA	10" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	132.57	8.91
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-0290	EA	12" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	189.61	10.04
		For Work In Restricted Working Space, Add	*6.01*	
23 05 29 00-0291	EA	14" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	289.58	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0292	EA	16" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	388.01	13.37
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0293	EA	18" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	461.73	15.60
		For Work In Restricted Working Space, Add	*9.36*	
23 05 29 00-0294	EA	20" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	673.28	16.72
		For Work In Restricted Working Space, Add	*10.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0295	EA	24" Diameter Size, Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	920.15	17.84
		For Work In Restricted Working Space, Add	*10.70*	
23 05 29 00-0296		Split Pipe Clamps And Rings *(23 05 29 00-0001)*		
23 05 29 00-0297		Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0296)*		
		Note: Type 6.		
23 05 29 00-0298	EA	3/4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	30.89	10.22
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0299	EA	1" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	32.72	10.82
		For Work In Restricted Working Space, Add	*6.50*	
23 05 29 00-0300	EA	1-1/4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	35.66	12.03
		For Work In Restricted Working Space, Add	*7.22*	
23 05 29 00-0301	EA	1-1/2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	38.31	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0302	EA	2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	41.28	13.22
		For Work In Restricted Working Space, Add	*7.94*	
23 05 29 00-0303	EA	2-1/2" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	50.23	13.83
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0304	EA	3" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	54.92	14.43
		For Work In Restricted Working Space, Add	*8.66*	
23 05 29 00-0305	EA	4" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	72.22	16.23
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-0306	EA	5" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	91.79	20.44
		For Work In Restricted Working Space, Add	*12.27*	
23 05 29 00-0307	EA	6" Diameter Size, Adjustable Swivel Ring (Cooper B-Line B3171)	121.78	24.05
		For Work In Restricted Working Space, Add	*14.43*	
23 05 29 00-0308		Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0296)*		
		Note: Type 11.		
23 05 29 00-0309	EA	1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	20.67	8.47
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0310	EA	3/4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.77	8.47
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0311	EA	1" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	24.02	10.89
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0312	EA	1-1/4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	26.00	10.89
		For Work In Restricted Working Space, Add	*6.37*	
23 05 29 00-0313	EA	1-1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	28.81	10.89
		For Work In Restricted Working Space, Add	*6.60*	
23 05 29 00-0314	EA	2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	33.45	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0315	EA	2-1/2" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	43.68	12.10
		For Work In Restricted Working Space, Add	*7.56*	
23 05 29 00-0316	EA	3" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	48.33	13.31
		For Work In Restricted Working Space, Add	*7.89*	
23 05 29 00-0317	EA	4" Diameter Size, Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	51.56	14.52
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0318		Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0296)*		
		Note: Type 12.		
23 05 29 00-0319	EA	1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	20.67	8.47
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0320	EA	3/4" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.77	9.08
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0321	EA	1" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	24.02	10.28
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0322	EA	1-1/4" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	26.00	10.89
		For Work In Restricted Working Space, Add	*6.37*	
23 05 29 00-0323	EA	1-1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	28.81	10.89
		For Work In Restricted Working Space, Add	*6.60*	
23 05 29 00-0324	EA	2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	33.45	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0325	EA	2-1/2" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	43.68	12.70
		For Work In Restricted Working Space, Add	*7.56*	
23 05 29 00-0326	EA	3" Diameter Size, Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	48.33	13.31
		For Work In Restricted Working Space, Add	*7.89*	
23 05 29 00-0327		Pipe Straps *(23 05 29 00-0001)*		
23 05 29 00-0328		Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0327)*		
23 05 29 00-0329	EA	1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.10	6.05
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0330	EA	3/4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.74	7.26
		For Work In Restricted Working Space, Add	*3.82*	
23 05 29 00-0331	EA	1" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.44	7.26
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0332	EA	1-1/4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	16.34	7.26
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0333	EA	1-1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	17.29	8.47
		For Work In Restricted Working Space, Add	*4.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0334	EA	2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	19.70	8.47
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0335	EA	2-1/2" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	23.72	8.47
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0336	EA	3" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	29.86	8.47
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0337	EA	4" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	35.33	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 05 29 00-0338	EA	6" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	42.88	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0339	EA	8" Diameter Size, Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	52.93	13.31
		For Work In Restricted Working Space, Add	*7.99*	

23 05 29 00-0340 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0327)*

23 05 29 00-0341	EA	1/2" Diameter Size, Two Hole Copper-Clad Pipe Strap	6.72	
		For Work In Restricted Working Space, Add	*1.82*	
23 05 29 00-0342	EA	3/4" Diameter Size, Two Hole Copper-Clad Pipe Strap	7.14	
		For Work In Restricted Working Space, Add	*1.91*	
23 05 29 00-0343	EA	1" Diameter Size, Two Hole Copper-Clad Pipe Strap	8.04	
		For Work In Restricted Working Space, Add	*2.00*	
23 05 29 00-0344	EA	1-1/4" Diameter Size, Two Hole Copper-Clad Pipe Strap	8.95	
		For Work In Restricted Working Space, Add	*2.09*	
23 05 29 00-0345	EA	1-1/2" Diameter Size, Two Hole Copper-Clad Pipe Strap	9.63	
		For Work In Restricted Working Space, Add	*2.18*	
23 05 29 00-0346	EA	2" Diameter Size, Two Hole Copper-Clad Pipe Strap	10.46	
		For Work In Restricted Working Space, Add	*2.36*	

23 05 29 00-0347 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0327)*

23 05 29 00-0348	EA	1/2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.91	
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0349	EA	3/4" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.42	
		For Work In Restricted Working Space, Add	*0.65*	
23 05 29 00-0350	EA	1" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.67	
		For Work In Restricted Working Space, Add	*0.70*	
23 05 29 00-0351	EA	1-1/4" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.96	
		For Work In Restricted Working Space, Add	*0.76*	
23 05 29 00-0352	EA	1-1/2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	4.26	
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0353	EA	2" Diameter Size, One Hole Galvanized Steel Pipe Strap (Anvil 185D)	4.75	
		For Work In Restricted Working Space, Add	*0.91*	

23 05 29 00-0354 Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B-2400 Or Tripac 2STR) *(23 05 29 00-0327)*

Note: Designed for supporting pipe runs from strut supports.

23 05 29 00-0355	EA	1/2" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-1/2ZN) Note: Designed for supporting pipe runs from strut supports.	47.50	19.36
		For Work In Restricted Working Space, Add	*11.62*	
23 05 29 00-0356	EA	3/4" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-3/4ZN) Note: Designed for supporting pipe runs from strut supports.	51.52	21.18
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0357	EA	1" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-1ZN) Note: Designed for supporting pipe runs from strut supports.	55.67	23.00
		For Work In Restricted Working Space, Add	*13.79*	
23 05 29 00-0358	EA	1-1/4" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-11/4ZN) Note: Designed for supporting pipe runs from strut supports.	59.88	24.80
		For Work In Restricted Working Space, Add	*14.89*	
23 05 29 00-0359	EA	1-1/2" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-11/2ZN) Note: Designed for supporting pipe runs from strut supports.	64.91	26.62
		For Work In Restricted Working Space, Add	*15.97*	
23 05 29 00-0360	EA	2" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-2ZN) Note: Designed for supporting pipe runs from strut supports.	73.93	29.05
		For Work In Restricted Working Space, Add	*17.42*	
23 05 29 00-0361	EA	2-1/2" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-21/2ZN) Note: Designed for supporting pipe runs from strut supports.	81.69	32.06
		For Work In Restricted Working Space, Add	*19.24*	
23 05 29 00-0362	EA	3" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-3ZN) Note: Designed for supporting pipe runs from strut supports.	89.65	35.70
		For Work In Restricted Working Space, Add	*21.42*	
23 05 29 00-0363	EA	3-1/2" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-31/2ZN) Note: Designed for supporting pipe runs from strut supports.	90.34	35.70
		For Work In Restricted Working Space, Add	*21.42*	
23 05 29 00-0364	EA	4" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-4ZN) Note: Designed for supporting pipe runs from strut supports.	105.01	41.75
		For Work In Restricted Working Space, Add	*25.05*	
23 05 29 00-0365	EA	5" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-5ZN) Note: Designed for supporting pipe runs from strut supports.	124.77	48.41
		For Work In Restricted Working Space, Add	*28.68*	
23 05 29 00-0366	EA	6" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-6ZN) Note: Designed for supporting pipe runs from strut supports.	140.42	53.85
		For Work In Restricted Working Space, Add	*32.31*	
23 05 29 00-0367	EA	8" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-8AN) Note: Designed for supporting pipe runs from strut supports.	169.70	65.34
		For Work In Restricted Working Space, Add	*39.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0368	EA	10" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-10AN) Note: Designed for supporting pipe runs from strut supports.	201.23	76.24
		For Work In Restricted Working Space, Add	*45.74*	
23 05 29 00-0369	EA	12" Diameter Size, Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-12AN) Note: Designed for supporting pipe runs from strut supports.	227.91	84.71
		For Work In Restricted Working Space, Add	*50.82*	
23 05 29 00-0370		Standard Two Hole Pipe Strap, Stainless Steel (Cooper B-Line B-2400) *(23 05 29 00-0327)*		
23 05 29 00-0371	EA	1/2" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-1/2SS4)	64.52	19.36
		For Work In Restricted Working Space, Add	*11.62*	
23 05 29 00-0372	EA	3/4" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-3/4SS4)	69.27	21.78
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0373	EA	1" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-1SS4)	72.95	23.00
		For Work In Restricted Working Space, Add	*13.79*	
23 05 29 00-0374	EA	1-1/4" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-11/4SS4)	83.81	25.41
		For Work In Restricted Working Space, Add	*14.89*	
23 05 29 00-0375	EA	1-1/2" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-11/2SS4)	83.59	26.62
		For Work In Restricted Working Space, Add	*15.97*	
23 05 29 00-0376	EA	2" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-2SS4)	101.97	29.05
		For Work In Restricted Working Space, Add	*17.42*	
23 05 29 00-0377	EA	2-1/2" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-21/2SS4)	96.90	26.62
		For Work In Restricted Working Space, Add	*15.61*	
23 05 29 00-0378	EA	3" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-3SS4)	118.23	36.31
		For Work In Restricted Working Space, Add	*21.42*	
23 05 29 00-0379	EA	3-1/2" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-31/2SS4)	130.45	38.72
		For Work In Restricted Working Space, Add	*23.24*	
23 05 29 00-0380	EA	4" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-4SS4)	145.53	42.36
		For Work In Restricted Working Space, Add	*25.05*	
23 05 29 00-0381	EA	5" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-5SS4)	185.70	48.41
		For Work In Restricted Working Space, Add	*28.68*	
23 05 29 00-0382	EA	6" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-6SS4)	204.04	54.45
		For Work In Restricted Working Space, Add	*32.31*	
23 05 29 00-0383	EA	8" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-8SS4)	254.08	65.34
		For Work In Restricted Working Space, Add	*39.21*	
23 05 29 00-0384	EA	10" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-10SS4)	294.91	76.24
		For Work In Restricted Working Space, Add	*45.74*	
23 05 29 00-0385	EA	12" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-12SS4)	517.95	84.71
		For Work In Restricted Working Space, Add	*50.82*	
23 05 29 00-0386	EA	14" Diameter Size, Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-14SS4)	389.32	93.17
		For Work In Restricted Working Space, Add	*55.91*	
23 05 29 00-0387		Pipe and Equipment Support Brackets *(23 05 29 00-0001)*		
23 05 29 00-0388		Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0387)* Note: Up to 750# load.		
23 05 29 00-0389	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	116.38	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*17.93*	
23 05 29 00-0390	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	118.02	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*18.25*	
23 05 29 00-0391	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	124.50	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*19.55*	
23 05 29 00-0392		Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0387)* Note: Up to 1500# load.		
23 05 29 00-0393	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	274.76	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*49.60*	
23 05 29 00-0394	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	321.39	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*58.93*	
23 05 29 00-0395	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	416.46	13.37
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized, Add	*77.94*	
23 05 29 00-0396		Fiberglass Brackets *(23 05 29 00-0387)*		
23 05 29 00-0397		Polyester Resin *(23 05 29 00-0396)* Note: (B-Line BFP409 Series), single channel bracket.		
23 05 29 00-0398	EA	6" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP409)	322.89	11.15
23 05 29 00-0399	EA	9" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP409)	340.36	12.26
23 05 29 00-0400	EA	12" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP409)	357.83	13.37
23 05 29 00-0401	EA	18" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP409)	405.06	13.94
23 05 29 00-0402	EA	24" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP409)	448.99	14.49

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0403		Vinyl Ester Resin *(23 05 29 00-0396)*		
		Note: (B-Line BFV409 Series), single channel bracket.		
23 05 29 00-0404	EA	6" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV409)	413.07	11.15
23 05 29 00-0405	EA	9" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV409)	435.48	12.26
23 05 29 00-0406	EA	12" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV409)	458.30	13.37
23 05 29 00-0407	EA	18" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV409)	518.30	13.94
23 05 29 00-0408	EA	24" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV409)	581.59	14.49
23 05 29 00-0409		Polyester Resin *(23 05 29 00-0396)*		
		Note: (B-Line BFP494 Series), braced single channel bracket.		
23 05 29 00-0410	EA	24" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP494)	501.30	14.49
23 05 29 00-0411	EA	30" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP494)	517.94	15.60
23 05 29 00-0412	EA	36" Diameter Size, Fiberglass Bracket, Polyester Resin (Cooper B-Line BFP494)	553.11	16.72
23 05 29 00-0413		Vinyl Ester Resin *(23 05 29 00-0396)*		
		Note: (B-Line BFV494 Series), braced single channel bracket.		
23 05 29 00-0414	EA	24" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV494)	643.77	14.49
23 05 29 00-0415	EA	30" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV494)	671.95	15.60
23 05 29 00-0416	EA	36" Diameter Size, Fiberglass Bracket, Vinyl Ester Resin (Cooper B-Line BFV494)	709.59	16.72
23 05 29 00-0417		Pipe Alignment Guide *(23 05 29 00-0001)*		
23 05 29 00-0418		Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0419	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	455.15	21.17
23 05 29 00-0420	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	456.27	21.74
23 05 29 00-0421	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	457.38	22.29
23 05 29 00-0422	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	458.50	22.85
23 05 29 00-0423	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	499.82	23.41
23 05 29 00-0424	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	510.53	25.64
23 05 29 00-0425	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	512.20	26.47
23 05 29 00-0426	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	513.87	27.31
23 05 29 00-0427	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	543.90	28.97
23 05 29 00-0428	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	635.21	36.78
23 05 29 00-0429	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	650.82	44.58
23 05 29 00-0430	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	735.25	55.73
23 05 29 00-0431	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	1,348.02	66.87
23 05 29 00-0432	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	2,047.58	89.17
23 05 29 00-0433	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	2,520.23	111.45
23 05 29 00-0434	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	3,029.47	124.83
23 05 29 00-0435	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	3,269.02	139.31
23 05 29 00-0436	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	3,477.78	159.38
23 05 29 00-0437	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	4,371.24	167.19
23 05 29 00-0438		Pipe Alignment Guide, 1-1/2" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0439	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	456.27	21.74
23 05 29 00-0440	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	497.59	22.29
23 05 29 00-0441	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	498.71	22.85
23 05 29 00-0442	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	499.82	23.41
23 05 29 00-0443	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	500.93	23.96
23 05 29 00-0444	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	511.64	26.20
23 05 29 00-0445	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	513.32	27.02
23 05 29 00-0446	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	541.67	27.86
23 05 29 00-0447	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	545.01	29.54
23 05 29 00-0448	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	636.88	37.62
23 05 29 00-0449	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	653.04	45.70
23 05 29 00-0450	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	738.04	57.12
23 05 29 00-0451	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	1,351.37	68.54
23 05 29 00-0452	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	2,052.05	91.39
23 05 29 00-0453	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	2,525.80	114.24
23 05 29 00-0454	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	3,036.15	128.18
23 05 29 00-0455	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	3,275.71	142.66
23 05 29 00-0456	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	3,485.58	163.29
23 05 29 00-0457	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	4,379.60	171.36
23 05 29 00-0458		Pipe Alignment Guide, 2" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0459	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	497.59	22.29
23 05 29 00-0460	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	504.96	22.85
23 05 29 00-0461	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	506.07	23.41
23 05 29 00-0462	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	507.18	23.96
23 05 29 00-0463	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	508.30	24.52
23 05 29 00-0464	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	539.44	26.75
23 05 29 00-0465	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	541.67	27.86
23 05 29 00-0466	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	543.06	28.56
23 05 29 00-0467	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	621.83	30.10
23 05 29 00-0468	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	638.56	38.45
23 05 29 00-0469	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	717.42	46.81
23 05 29 00-0470	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	809.67	58.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0471	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	1,354.72	70.22
23 05 29 00-0472	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	2,056.51	93.62
23 05 29 00-0473	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	2,531.38	117.03
23 05 29 00-0474	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	3,042.59	131.39
23 05 29 00-0475	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	3,282.95	146.29
23 05 29 00-0476	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	3,493.38	167.19
23 05 29 00-0477	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	4,387.96	175.54
23 05 29 00-0478		Pipe Alignment Guide, 2-1/2" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0479	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	504.96	22.85
23 05 29 00-0480	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	532.75	23.41
23 05 29 00-0481	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	533.86	23.96
23 05 29 00-0482	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	534.98	24.52
23 05 29 00-0483	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	536.10	25.07
23 05 29 00-0484	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	540.55	27.31
23 05 29 00-0485	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	543.06	28.56
23 05 29 00-0486	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	620.16	29.26
23 05 29 00-0487	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	622.95	30.65
23 05 29 00-0488	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	701.82	39.01
23 05 29 00-0489	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	719.65	47.92
23 05 29 00-0490	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	1,334.10	59.91
23 05 29 00-0491	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	2,013.04	71.89
23 05 29 00-0492	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	2,489.02	95.85
23 05 29 00-0493	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	2,537.38	119.82
23 05 29 00-0494	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	3,049.53	134.86
23 05 29 00-0495	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	3,290.19	149.90
23 05 29 00-0496	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	3,501.74	171.36
23 05 29 00-0497	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	4,396.88	180.00
23 05 29 00-0498		Pipe Alignment Guide, 3" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0499	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	532.75	23.41
23 05 29 00-0500	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	533.86	23.96
23 05 29 00-0501	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	534.98	24.52
23 05 29 00-0502	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	536.10	25.07
23 05 29 00-0503	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	537.21	25.64
23 05 29 00-0504	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	617.38	27.86
23 05 29 00-0505	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	620.16	29.26
23 05 29 00-0506	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	621.83	30.10
23 05 29 00-0507	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	686.66	31.43
23 05 29 00-0508	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	704.04	40.12
23 05 29 00-0509	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	790.72	49.04
23 05 29 00-0510	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	1,336.88	61.30
23 05 29 00-0511	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	2,016.38	73.56
23 05 29 00-0512	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	2,493.48	98.08
23 05 29 00-0513	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	2,542.95	122.60
23 05 29 00-0514	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	3,056.21	138.20
23 05 29 00-0515	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	3,296.88	153.25
23 05 29 00-0516	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	3,510.10	175.54
23 05 29 00-0517	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	4,405.80	184.46
23 05 29 00-0518		Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0519	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	533.86	23.96
23 05 29 00-0520	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	610.69	24.52
23 05 29 00-0521	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	611.81	25.07
23 05 29 00-0522	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	612.92	25.64
23 05 29 00-0523	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	614.03	26.20
23 05 29 00-0524	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	618.77	28.56
23 05 29 00-0525	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	621.61	29.98
23 05 29 00-0526	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	685.49	30.84
23 05 29 00-0527	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	688.44	32.32
23 05 29 00-0528	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	775.12	41.23
23 05 29 00-0529	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	1,314.59	50.16
23 05 29 00-0530	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	1,994.65	62.69
23 05 29 00-0531	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	2,448.54	75.40
23 05 29 00-0532	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	2,980.43	100.31
23 05 29 00-0533	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	3,031.14	125.67
23 05 29 00-0534	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	3,283.40	141.55
23 05 29 00-0535	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	3,473.32	157.15
23 05 29 00-0536	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	4,395.76	179.44
23 05 29 00-0537		Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0417)*		
23 05 29 00-0538	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	610.69	24.52
23 05 29 00-0539	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	611.81	25.07
23 05 29 00-0540	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	612.92	25.64
23 05 29 00-0541	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	614.03	26.20
23 05 29 00-0542	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	615.15	26.75
23 05 29 00-0543	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	682.31	29.26
23 05 29 00-0544	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	685.10	30.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0545	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	686.99	31.60
23 05 29 00-0546	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	758.96	33.16
23 05 29 00-0547	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	1,298.99	42.35
23 05 29 00-0548	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	1,316.82	51.27
23 05 29 00-0549	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	1,997.44	64.08
23 05 29 00-0550	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	2,452.67	77.46
23 05 29 00-0551	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	2,985.44	102.82
23 05 29 00-0552	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	3,246.72	128.18
23 05 29 00-0553	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	3,448.80	144.89
23 05 29 00-0554	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	4,360.10	161.61

23 05 29 00-0555 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

23 05 29 00-0556	EA	1-1/2" Diameter Size, Sway Bracing	156.13	14.71
		For Work In Restricted Working Space, Add	*8.80*	
23 05 29 00-0557	EA	2" Diameter Size, Sway Bracing	160.78	15.49
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0558	EA	3" Diameter Size, Sway Bracing	166.45	16.38
		For Work In Restricted Working Space, Add	*9.83*	
23 05 29 00-0559	EA	4" Diameter Size, Sway Bracing	188.94	18.62
		For Work In Restricted Working Space, Add	*11.15*	
23 05 29 00-0560	EA	6" Diameter Size, Sway Bracing	277.08	27.86
		For Work In Restricted Working Space, Add	*16.72*	
23 05 29 00-0561	EA	8" Diameter Size, Sway Bracing	306.04	34.78
		For Work In Restricted Working Space, Add	*20.90*	
23 05 29 00-0562	EA	10" Diameter Size, Sway Bracing	343.40	46.48
		For Work In Restricted Working Space, Add	*27.86*	

23 05 29 00-0563 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0564	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	368.59	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0565	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	376.44	12.26
		For Work In Restricted Working Space, Add	*7.36*	
23 05 29 00-0566	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	735.80	13.94
		For Work In Restricted Working Space, Add	*8.36*	
23 05 29 00-0567	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	905.59	15.60
		For Work In Restricted Working Space, Add	*9.36*	
23 05 29 00-0568	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	916.64	17.27
		For Work In Restricted Working Space, Add	*10.37*	
23 05 29 00-0569	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,005.85	19.50
		For Work In Restricted Working Space, Add	*11.70*	
23 05 29 00-0570	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,203.28	21.17
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0571	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,216.79	22.85
		For Work In Restricted Working Space, Add	*13.71*	
23 05 29 00-0572	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,234.04	25.07
		For Work In Restricted Working Space, Add	*15.05*	
23 05 29 00-0573	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,283.64	27.31
		For Work In Restricted Working Space, Add	*16.38*	
23 05 29 00-0574	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,372.92	30.10
		For Work In Restricted Working Space, Add	*18.05*	
23 05 29 00-0575	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,412.53	33.44
		For Work In Restricted Working Space, Add	*20.06*	
23 05 29 00-0576	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,723.72	36.78
		For Work In Restricted Working Space, Add	*22.07*	
23 05 29 00-0577	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,876.74	41.23
		For Work In Restricted Working Space, Add	*24.74*	
23 05 29 00-0578	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,660.65	45.70
		For Work In Restricted Working Space, Add	*27.42*	
23 05 29 00-0579	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,266.45	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 05 29 00-0580	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Diameter Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,911.19	54.61
		For Work In Restricted Working Space, Add	*32.77*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0581		**Channel Mounted Cushion Clamp** *(23 05 29 00-0001)* Note: Includes fastening into channel.		
23 05 29 00-0582	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	13.30	5.01
23 05 29 00-0583	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	14.00	5.57
23 05 29 00-0584	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	15.47	5.85
23 05 29 00-0585	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	16.55	6.13
23 05 29 00-0586	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	18.47	6.69
23 05 29 00-0587	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	20.60	6.96
23 05 29 00-0588	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	25.86	7.25
23 05 29 00-0589	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	28.58	7.80
23 05 29 00-0590	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	35.08	8.91
23 05 29 00-0591	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	52.82	10.04
23 05 29 00-0592		**Galvanized Steel Cushion Tube Clamp (KMC)** *(23 05 29 00-0001)* Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0593	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.45	
23 05 29 00-0594	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.64	
23 05 29 00-0595	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.77	
23 05 29 00-0596	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.09	
23 05 29 00-0597	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.71	
23 05 29 00-0598	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.28	
23 05 29 00-0599	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.93	
23 05 29 00-0600	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.62	
23 05 29 00-0601	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	5.65	
23 05 29 00-0602	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	5.24	
23 05 29 00-0603	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	5.56	
23 05 29 00-0604	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.54	
23 05 29 00-0605	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.59	
23 05 29 00-0606	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.22	
23 05 29 00-0607	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.27	
23 05 29 00-0608	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.36	
23 05 29 00-0609	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	7.93	
23 05 29 00-0610	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	9.07	
23 05 29 00-0611	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	9.41	
23 05 29 00-0612	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.12	
23 05 29 00-0613	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	11.24	
23 05 29 00-0614	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	9.76	
23 05 29 00-0615	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.12	
23 05 29 00-0616	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	11.94	
23 05 29 00-0617	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	10.20	
23 05 29 00-0618	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.02	
23 05 29 00-0619	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	14.21	
23 05 29 00-0620	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	10.11	
23 05 29 00-0621	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	11.31	
23 05 29 00-0622	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	14.91	
23 05 29 00-0623		**Rooftop Pipe Supports** *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0624		**Rooftop Support Base** *(23 05 29 00-0623)*		
23 05 29 00-0625	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	40.26	9.08
23 05 29 00-0626	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	56.09	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0627		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0623)*		
23 05 29 00-0628	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	45.76	9.08
23 05 29 00-0629	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	65.04	12.10
23 05 29 00-0630	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	120.20	15.13
23 05 29 00-0631	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	166.17	18.15
23 05 29 00-0632	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	230.17	21.18
23 05 29 00-0633	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	242.71	24.20
23 05 29 00-0634		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0623)*		
23 05 29 00-0635	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	79.65	12.10
23 05 29 00-0636	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	126.72	15.13
23 05 29 00-0637	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	168.79	18.15
23 05 29 00-0638	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	230.32	21.18
23 05 29 00-0639	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	259.18	18.15
23 05 29 00-0640		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0623)*		
23 05 29 00-0641	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	133.45	18.15
23 05 29 00-0642	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	151.98	21.18
23 05 29 00-0643	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	157.98	24.20
23 05 29 00-0644	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	172.90	27.23
23 05 29 00-0645	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	221.35	30.26
23 05 29 00-0646		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0623)*		
23 05 29 00-0647	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	96.96	12.10
23 05 29 00-0648	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	96.96	12.10
23 05 29 00-0649	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	97.50	12.10
23 05 29 00-0650	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	104.12	15.13
23 05 29 00-0651	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	100.12	15.13
23 05 29 00-0652	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	105.26	15.13
23 05 29 00-0653		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0623)*		
23 05 29 00-0654	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	123.14	12.10
23 05 29 00-0655	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	137.50	12.10
23 05 29 00-0656	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	180.27	15.13
23 05 29 00-0657	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	238.96	15.13
23 05 29 00-0658	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	326.13	15.13
23 05 29 00-0659		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0623)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0660	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	153.35	18.15
23 05 29 00-0661		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0623)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0662	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	100.39	15.13
23 05 29 00-0663	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	136.93	18.15
23 05 29 00-0664	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	152.65	21.18
23 05 29 00-0665		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0623)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0666	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	369.82	24.20
23 05 29 00-0667	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	373.95	24.20
23 05 29 00-0668	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	388.44	24.20
23 05 29 00-0669	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	421.71	24.20
23 05 29 00-0670	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	362.44	24.20

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23 05 29 00-0671	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	376.31	24.20
23 05 29 00-0672	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	390.80	24.20
23 05 29 00-0673	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	424.05	24.20
23 05 29 00-0674	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	378.92	24.20
23 05 29 00-0675	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	383.76	24.20
23 05 29 00-0676	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	397.97	24.20
23 05 29 00-0677	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	431.37	24.20
23 05 29 00-0678	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	395.76	24.20
23 05 29 00-0679	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	400.17	24.20
23 05 29 00-0680	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	414.39	24.20
23 05 29 00-0681	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	447.79	24.20

23 05 29 00-0682 Threaded Rod, Accessories And Attachments *(23 05 29)*

23 05 29 00-0683 Threaded Rod And Rod Accessories *(23 05 29 00-0682)*

23 05 29 00-0684 Threaded Rod *(23 05 29 00-0683)*

Note: Fully threaded.

23 05 29 00-0685	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.72	0.76
		For Work In Restricted Working Space, Add	*0.45*	
		For Galvanized, Add	*0.88*	
		For Zinc Plated, Add	*0.63*	
23 05 29 00-0686	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.12	0.81
		For Work In Restricted Working Space, Add	*0.48*	
		For Galvanized, Add	*1.40*	
		For Zinc Plated, Add	*1.00*	
23 05 29 00-0687	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.11	0.84
		For Work In Restricted Working Space, Add	*0.50*	
		For Galvanized, Add	*2.18*	
		For Zinc Plated, Add	*1.55*	
23 05 29 00-0688	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.61	0.86
		For Work In Restricted Working Space, Add	*0.52*	
		For Galvanized, Add	*3.96*	
		For Zinc Plated, Add	*2.82*	
23 05 29 00-0689	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.65	0.89
		For Work In Restricted Working Space, Add	*0.53*	
		For Galvanized, Add	*4.35*	
		For Zinc Plated, Add	*3.10*	
23 05 29 00-0690	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.29	1.00
		For Work In Restricted Working Space, Add	*0.61*	
		For Galvanized, Add	*6.11*	
		For Zinc Plated, Add	*4.35*	
23 05 29 00-0691	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.49	1.12
		For Work In Restricted Working Space, Add	*0.67*	
		For Galvanized, Add	*7.70*	
		For Zinc Plated, Add	*5.49*	

23 05 29 00-0692 Rod Couplings *(23 05 29 00-0683)*

23 05 29 00-0693	EA	3/8" Diameter, Threaded Rod Coupling Nut	8.97	
		For Work In Restricted Working Space, Add	*2.23*	
23 05 29 00-0694	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.18	
		For Work In Restricted Working Space, Add	*2.48*	
23 05 29 00-0695	EA	5/8" Diameter, Threaded Rod Coupling Nut	12.71	
		For Work In Restricted Working Space, Add	*2.79*	
23 05 29 00-0696	EA	3/4" Diameter, Threaded Rod Coupling Nut	15.48	
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0697	EA	7/8" Diameter, Threaded Rod Coupling Nut	22.65	
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0698	EA	1" Diameter, Threaded Rod Coupling Nut	26.86	
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0699	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	51.25	
		For Work In Restricted Working Space, Add	*4.46*	

23 05 29 00-0700 Flat Washers *(23 05 29 00-0683)*

Note: Zinc plated.

23 05 29 00-0701	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.63	0.24
		For Work In Restricted Working Space, Add	*0.15*	
		For Galvanized, Add	*0.03*	
23 05 29 00-0702	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.87	0.24
		For Work In Restricted Working Space, Add	*0.17*	
		For Galvanized, Add	*0.07*	

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23 05 29 00-0703	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.24	0.36
		For Work In Restricted Working Space, Add	*0.20*	
		For Galvanized, Add	*0.14*	
23 05 29 00-0704	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.68	0.36
		For Work In Restricted Working Space, Add	*0.26*	
		For Galvanized, Add	*0.20*	
23 05 29 00-0705	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.97	0.48
		For Work In Restricted Working Space, Add	*0.30*	
		For Galvanized, Add	*0.24*	
23 05 29 00-0706	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.30	0.48
		For Work In Restricted Working Space, Add	*0.34*	
		For Galvanized, Add	*0.30*	
23 05 29 00-0707	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.59	0.61
		For Work In Restricted Working Space, Add	*0.38*	
		For Galvanized, Add	*0.33*	
23 05 29 00-0708		**Hex Nuts** *(23 05 29 00-0683)*		
		Note: Grade 2 and zinc plated.		
23 05 29 00-0709	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.80	0.30
		For Work In Restricted Working Space, Add	*0.21*	
		For Galvanized, Add	*0.03*	
23 05 29 00-0710	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.30
		For Work In Restricted Working Space, Add	*0.23*	
		For Galvanized, Add	*0.06*	
23 05 29 00-0711	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.36	0.30
		For Work In Restricted Working Space, Add	*0.24*	
		For Galvanized, Add	*0.14*	
23 05 29 00-0712	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.60	0.61
		For Work In Restricted Working Space, Add	*0.25*	
		For Galvanized, Add	*0.19*	
23 05 29 00-0713	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.31	0.61
		For Work In Restricted Working Space, Add	*0.27*	
		For Galvanized, Add	*0.36*	
23 05 29 00-0714	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.94	0.61
		For Work In Restricted Working Space, Add	*0.30*	
		For Galvanized, Add	*0.48*	
23 05 29 00-0715	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.77	0.61
		For Work In Restricted Working Space, Add	*0.34*	
		For Galvanized, Add	*0.91*	
23 05 29 00-0716		**Turnbuckle (Cooper B-Line B3202)** *(23 05 29 00-0683)*		
		Note: Type 13.		
23 05 29 00-0717	EA	3/8" Diameter, Turnbuckle (Cooper B-Line B3202)	26.69	6.05
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0718	EA	1/2" Diameter, Turnbuckle (Cooper B-Line B3202)	31.58	6.66
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0719	EA	5/8" Diameter, Turnbuckle (Cooper B-Line B3202)	34.11	7.27
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0720	EA	3/4" Diameter, Turnbuckle (Cooper B-Line B3202)	42.70	8.48
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0721	EA	7/8" Diameter, Turnbuckle (Cooper B-Line B3202)	55.00	9.08
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0722	EA	1" Diameter, Turnbuckle (Cooper B-Line B3202)	68.16	9.69
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0723	EA	1-1/8" Diameter, Turnbuckle (Cooper B-Line B3202)	94.15	10.89
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0724		**Swivel Turnbuckle (Cooper B-Line B3224)** *(23 05 29 00-0683)*		
		Note: Type 15.		
23 05 29 00-0725	EA	3/8" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	17.47	6.05
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0726	EA	1/2" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	20.14	6.78
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0727	EA	5/8" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	26.38	7.51
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0728	EA	3/4" Diameter, Swivel Turnbuckle (Cooper B-Line B3224)	31.76	8.60
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0729		**Forged Steel Clevis (Cooper B-Line B3201)** *(23 05 29 00-0683)*		
		Note: Type 14.		
23 05 29 00-0730	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Diameter Rod Size (Cooper B-Line B3201)	86.68	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0731	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Diameter Rod Size (Cooper B-Line B3201)	126.69	11.70
		For Work In Restricted Working Space, Add	*7.04*	
23 05 29 00-0732	EA	5-1/16" Forged Steel Clevis With Pin, 1" Diameter Rod Size (Cooper B-Line B3201)	136.95	12.26
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0733	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Diameter Rod Size (Cooper B-Line B3201)	142.66	13.37
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0734	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Diameter Rod Size (Cooper B-Line B3201)	150.41	15.05
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0735	EA	6" Forged Steel Clevis With Pin, 1-1/2" Diameter Rod Size (Cooper B-Line B3201)	249.32	19.50
		For Work In Restricted Working Space, Add	*11.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0736	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Diameter Rod Size (Cooper B-Line B3201)	270.88	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0737	EA	7" Forged Steel Clevis With Pin, 2" Diameter Rod Size (Cooper B-Line B3201)	319.75	27.86
		For Work In Restricted Working Space, Add	*16.72*	
23 05 29 00-0738		**Welded Eye Rod (Cooper B-Line B3211)** *(23 05 29 00-0683)*		
23 05 29 00-0739	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	26.68	6.53
		For Work In Restricted Working Space, Add	*3.93*	
23 05 29 00-0740	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	27.51	6.66
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0741	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	28.34	6.78
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0742	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	28.60	6.90
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0743	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	30.27	7.14
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0744	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	32.23	7.62
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0745	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	33.57	7.99
		For Work In Restricted Working Space, Add	*4.77*	
23 05 29 00-0746	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	36.10	8.35
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0747	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	38.02	8.72
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0748	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	39.97	9.08
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0749	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	35.14	7.27
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0750	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	35.98	7.39
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0751	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	36.87	7.51
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0752	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	37.72	7.63
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0753	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	39.43	7.87
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0754	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	42.59	8.36
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0755	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	45.17	8.72
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0756	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	48.33	9.08
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0757	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	50.89	9.57
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0758	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	53.47	9.93
		For Work In Restricted Working Space, Add	*5.96*	
23 05 29 00-0759	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	46.89	8.11
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0760	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	48.34	8.24
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0761	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	49.80	8.36
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-0762	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	50.68	8.60
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0763	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	53.00	8.84
		For Work In Restricted Working Space, Add	*5.29*	
23 05 29 00-0764	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	56.78	9.21
		For Work In Restricted Working Space, Add	*5.54*	
23 05 29 00-0765	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	60.55	9.69
		For Work In Restricted Working Space, Add	*5.79*	
23 05 29 00-0766	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	63.75	10.05
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0767	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	67.54	10.53
		For Work In Restricted Working Space, Add	*6.30*	
23 05 29 00-0768	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	71.30	10.89
		For Work In Restricted Working Space, Add	*6.55*	
23 05 29 00-0769	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	57.34	9.21
		For Work In Restricted Working Space, Add	*5.54*	
23 05 29 00-0770	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	59.41	9.33
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0771	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	60.87	9.57
		For Work In Restricted Working Space, Add	*5.71*	
23 05 29 00-0772	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	62.92	9.69
		For Work In Restricted Working Space, Add	*5.80*	
23 05 29 00-0773	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	66.45	9.93
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0774	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	71.42	10.41
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0775	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	76.39	10.77
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0776	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	81.98	11.26
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0777	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	87.53	11.62
		For Work In Restricted Working Space, Add	*7.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0778	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	92.52	12.11
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0779	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	68.55	10.65
		For Work In Restricted Working Space, Add	*6.43*	
23 05 29 00-0780	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	71.19	10.89
		For Work In Restricted Working Space, Add	*6.51*	
23 05 29 00-0781	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	73.27	11.01
		For Work In Restricted Working Space, Add	*6.60*	
23 05 29 00-0782	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	75.33	11.14
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0783	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	79.48	11.50
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0784	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	86.26	11.86
		For Work In Restricted Working Space, Add	*7.14*	
23 05 29 00-0785	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	92.45	12.35
		For Work In Restricted Working Space, Add	*7.41*	
23 05 29 00-0786	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	99.23	12.83
		For Work In Restricted Working Space, Add	*7.68*	
23 05 29 00-0787	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	105.44	13.20
		For Work In Restricted Working Space, Add	*7.95*	
23 05 29 00-0788	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	111.62	13.68
		For Work In Restricted Working Space, Add	*8.21*	
23 05 29 00-0789	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	85.65	12.83
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0790	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	88.35	12.95
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0791	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	91.05	13.08
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0792	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	93.74	13.32
		For Work In Restricted Working Space, Add	*7.97*	
23 05 29 00-0793	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	99.10	13.68
		For Work In Restricted Working Space, Add	*8.17*	
23 05 29 00-0794	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	107.18	14.17
		For Work In Restricted Working Space, Add	*8.47*	
23 05 29 00-0795	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	115.28	14.65
		For Work In Restricted Working Space, Add	*8.78*	
23 05 29 00-0796	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	123.91	15.14
		For Work In Restricted Working Space, Add	*9.08*	
23 05 29 00-0797	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	131.99	15.62
		For Work In Restricted Working Space, Add	*9.38*	
23 05 29 00-0798	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	140.10	16.11
		For Work In Restricted Working Space, Add	*9.69*	

23 05 29 00-0799 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0683)*

23 05 29 00-0800	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	54.24	8.84
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-0801	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	55.71	9.08
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0802	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	57.18	9.44
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0803	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	57.95	9.81
		For Work In Restricted Working Space, Add	*5.86*	
23 05 29 00-0804	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	60.64	10.16
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0805	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	64.16	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 05 29 00-0806	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	66.63	11.61
		For Work In Restricted Working Space, Add	*6.99*	
23 05 29 00-0807	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	71.10	12.46
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0808	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	69.57	9.81
		For Work In Restricted Working Space, Add	*5.88*	
23 05 29 00-0809	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	71.09	10.05
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0810	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	72.65	10.29
		For Work In Restricted Working Space, Add	*6.21*	
23 05 29 00-0811	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	74.42	10.77
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0812	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	77.17	11.14
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0813	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	82.71	11.98
		For Work In Restricted Working Space, Add	*7.17*	
23 05 29 00-0814	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	87.29	12.71
		For Work In Restricted Working Space, Add	*7.66*	
23 05 29 00-0815	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	92.82	13.56
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0816	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	92.45	10.89
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0817	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	94.94	11.26
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0818	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	97.48	11.50
		For Work In Restricted Working Space, Add	*6.91*	
23 05 29 00-0819	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	99.30	11.98
		For Work In Restricted Working Space, Add	*7.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0820	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	103.08	12.35
		For Work In Restricted Working Space, Add	*7.41*	
23 05 29 00-0821	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	109.67	13.20
		For Work In Restricted Working Space, Add	*7.91*	
23 05 29 00-0822	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	116.23	14.05
		For Work In Restricted Working Space, Add	*8.41*	
23 05 29 00-0823	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	121.83	14.89
		For Work In Restricted Working Space, Add	*8.91*	
23 05 29 00-0824	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	116.43	12.35
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0825	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	119.97	12.71
		For Work In Restricted Working Space, Add	*7.61*	
23 05 29 00-0826	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	122.50	12.95
		For Work In Restricted Working Space, Add	*7.79*	
23 05 29 00-0827	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	126.30	13.44
		For Work In Restricted Working Space, Add	*8.04*	
23 05 29 00-0828	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	132.08	13.80
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0829	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	140.65	14.65
		For Work In Restricted Working Space, Add	*8.82*	
23 05 29 00-0830	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	149.23	15.50
		For Work In Restricted Working Space, Add	*9.33*	
23 05 29 00-0831	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	158.82	16.47
		For Work In Restricted Working Space, Add	*9.85*	
23 05 29 00-0832	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	139.67	14.29
		For Work In Restricted Working Space, Add	*8.60*	
23 05 29 00-0833	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	144.20	14.65
		For Work In Restricted Working Space, Add	*8.78*	
23 05 29 00-0834	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	147.75	14.89
		For Work In Restricted Working Space, Add	*8.96*	
23 05 29 00-0835	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	151.59	15.38
		For Work In Restricted Working Space, Add	*9.23*	
23 05 29 00-0836	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	158.40	15.86
		For Work In Restricted Working Space, Add	*9.50*	
23 05 29 00-0837	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	170.00	16.71
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0838	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	180.62	17.67
		For Work In Restricted Working Space, Add	*10.58*	
23 05 29 00-0839	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	192.21	18.52
		For Work In Restricted Working Space, Add	*11.11*	
23 05 29 00-0840	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	177.55	17.07
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0841	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	182.15	17.43
		For Work In Restricted Working Space, Add	*10.45*	
23 05 29 00-0842	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	186.75	17.79
		For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0843	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	191.70	18.28
		For Work In Restricted Working Space, Add	*10.96*	
23 05 29 00-0844	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	200.52	18.77
		For Work In Restricted Working Space, Add	*11.26*	
23 05 29 00-0845	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	214.35	19.74
		For Work In Restricted Working Space, Add	*11.87*	
23 05 29 00-0846	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	228.18	20.83
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-0847	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	242.89	21.80
		For Work In Restricted Working Space, Add	*13.08*	

23 05 29 00-0848 Attachments *(23 05 29 00-0682)*

23 05 29 00-0849 Welded Beam Attachments (Cooper B-Line B-3083) *(23 05 29 00-0848)*

Note: Type 22.

23 05 29 00-0850	EA	3/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	57.82	11.31
		For Work In Restricted Working Space, Add	*6.79*	
23 05 29 00-0851	EA	1/2" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	61.79	11.88
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0852	EA	5/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	65.84	12.56
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0853	EA	3/4" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	85.57	13.35
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0854	EA	7/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	103.71	14.15
		For Work In Restricted Working Space, Add	*8.49*	
23 05 29 00-0855	EA	1" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	147.47	16.18
		For Work In Restricted Working Space, Add	*9.70*	
23 05 29 00-0856	EA	1-1/8" Diameter Rod Size, Welded Beam Attachment With Pin (Cooper B-Line B-3083)	212.24	16.97
		For Work In Restricted Working Space, Add	*10.19*	

23 05 29 00-0857 C-Clamp Style Beam Clamps (Cooper B-Line B-3034) *(23 05 29 00-0848)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0858	EA	3/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	19.44	6.17
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0859	EA	1/2" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	23.60	7.87
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0860	EA	5/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	26.99	8.48
		For Work In Restricted Working Space, Add	*5.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0861	EA	3/4" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	35.43	9.08
		For Work In Restricted Working Space, Add	*5.59*	
23 05 29 00-0862	EA	7/8" Diameter Rod Size, C-Clamp Style Beam Clamp (Cooper B-Line B-3034)	52.84	9.69
		For Work In Restricted Working Space, Add	*6.05*	

23 05 29 00-0863 Bottom Mount I-Beam Clamps (Cooper B-Line B-3055) *(23 05 29 00-0848)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0864	EA	3/8" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	57.96	8.47
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0865	EA	1/2" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	86.78	10.89
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0866	EA	5/8" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	125.47	12.11
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0867	EA	3/4" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	150.61	13.32
		For Work In Restricted Working Space, Add	*8.07*	
23 05 29 00-0868	EA	1" Diameter Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (Cooper B-Line B-3055)	371.84	14.53
		For Work In Restricted Working Space, Add	*9.08*	

23 05 29 00-0869 Steel U-Bolts (Cooper B-Line B-3188) *(23 05 29 00-0848)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0870	EA	1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	15.88	3.03
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0871	EA	3/4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	17.32	3.63
		For Work In Restricted Working Space, Add	*3.82*	
23 05 29 00-0872	EA	1" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	18.69	3.63
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0873	EA	1-1/4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	21.47	3.63
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0874	EA	1-1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	22.09	4.23
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0875	EA	2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	23.65	4.23
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0876	EA	2-1/2" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	35.29	4.23
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0877	EA	3" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	38.98	4.84
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0878	EA	4" Diameter Size, Steel U-Bolt (Cooper B-Line B-3188)	47.58	5.44
		For Work In Restricted Working Space, Add	*6.05*	

23 05 29 00-0879 Copper Standoff Brackets With Flange *(23 05 29 00-0848)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0880	EA	1/2" Diameter Clamp Size, Copper Standoff Brackets With Flange	36.26	17.31
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0881	EA	3/4" Diameter Clamp Size, Copper Standoff Brackets With Flange	36.36	17.31
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0882	EA	1" Diameter Clamp Size, Copper Standoff Brackets With Flange	36.46	17.31
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-0883	EA	1-1/4" Diameter Clamp Size, Copper Standoff Brackets With Flange	38.77	18.40
		For Work In Restricted Working Space, Add	*11.01*	
23 05 29 00-0884	EA	1-1/2" Diameter Clamp Size, Copper Standoff Brackets With Flange	38.97	18.40
		For Work In Restricted Working Space, Add	*11.01*	

23 05 29 00-0885 Malleable Iron Eye Sockets (Cooper B-Line B-3222) *(23 05 29 00-0848)*

Note: Type 16.

23 05 29 00-0886	EA	3/8" Diameter Rod Size, Malleable Iron Eye Socket	13.19	1.82
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0887	EA	1/2" Diameter Rod Size, Malleable Iron Eye Socket	16.79	2.43
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0888	EA	5/8" Diameter Rod Size, Malleable Iron Eye Socket	29.43	2.43
		For Work In Restricted Working Space, Add	*1.47*	
23 05 29 00-0889	EA	3/4" Diameter Rod Size, Malleable Iron Eye Socket	41.83	2.43
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0890	EA	7/8" Diameter Rod Size, Malleable Iron Eye Socket	45.03	3.03
		For Work In Restricted Working Space, Add	*1.82*	

23 05 29 00-0891 Steel Weldless Eye Nuts (Cooper B-Line B-3200) *(23 05 29 00-0848)*

Note: Type 17.

23 05 29 00-0892	EA	3/8" Diameter Rod Size, Steel Weldless Eye Nut	44.36	1.82
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0893	EA	1/2" Diameter Rod Size, Steel Weldless Eye Nut	45.53	2.43
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0894	EA	5/8" Diameter Rod Size, Steel Weldless Eye Nut	45.58	2.43
		For Work In Restricted Working Space, Add	*1.47*	
23 05 29 00-0895	EA	3/4" Diameter Rod Size, Steel Weldless Eye Nut	45.53	2.43
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0896	EA	7/8" Diameter Rod Size, Steel Weldless Eye Nut	89.43	2.67
		For Work In Restricted Working Space, Add	*1.64*	
23 05 29 00-0897	EA	1" Diameter Rod Size, Steel Weldless Eye Nut	90.03	3.03
		For Work In Restricted Working Space, Add	*1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0898		**Top Mount I-Beam Clamps (Cooper B-Line B-3042)** *(23 05 29 00-0848)*		
		Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0899	EA	3/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	28.59	5.65
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0900	EA	1/2" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	34.59	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0901	EA	5/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	42.15	6.79
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0902	EA	3/4" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	58.68	7.36
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0903	EA	7/8" Diameter Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	90.93	8.49
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0904	EA	3/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	30.19	5.65
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0905	EA	1/2" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	36.86	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0906	EA	5/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	42.15	6.79
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0907	EA	3/4" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	64.65	7.36
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0908	EA	7/8" Diameter Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	101.11	8.49
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0909	EA	3/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	33.92	5.65
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0910	EA	1/2" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	41.05	6.23
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0911	EA	5/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	51.98	6.79
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0912	EA	3/4" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	75.80	7.36
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0913	EA	7/8" Diameter Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	122.92	8.49
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0914		**Side Beam Brackets (Cooper B-Line B-3062)** *(23 05 29 00-0848)*		
		Note: Type 34.		
23 05 29 00-0915	EA	3/8" Diameter Rod Size, Side Beam Bracket	22.09	7.87
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0916	EA	1/2" Diameter Rod Size, Side Beam Bracket	26.47	7.87
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-0917	EA	5/8" Diameter Rod Size, Side Beam Bracket	34.91	8.48
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0918	EA	3/4" Diameter Rod Size, Side Beam Bracket	64.17	9.08
		For Work In Restricted Working Space, Add	*5.59*	
23 05 29 00-0919	EA	7/8" Diameter Rod Size, Side Beam Bracket	75.42	10.29
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0920		**Hex Lag Bolts** *(23 05 29 00-0848)*		
		Note: Also known as coach screws.		
23 05 29 00-0921	EA	3/8" Diameter x 3-1/2" Long, Hex Lag Bolt	3.27	
		For Work In Restricted Working Space, Add	*0.76*	
23 05 29 00-0922	EA	3/8" Diameter x 4" Long, Hex Lag Bolt	3.33	
		For Work In Restricted Working Space, Add	*0.78*	
23 05 29 00-0923	EA	3/8" Diameter x 6" Long, Hex Lag Bolt	3.74	
		For Work In Restricted Working Space, Add	*0.81*	
23 05 29 00-0924	EA	3/8" Diameter x 8" Long, Hex Lag Bolt	4.49	
		For Work In Restricted Working Space, Add	*0.84*	
23 05 29 00-0925	EA	3/8" Diameter x 10" Long, Hex Lag Bolt	4.79	
		For Work In Restricted Working Space, Add	*0.87*	
23 05 29 00-0926	EA	3/8" Diameter x 12" Long, Hex Lag Bolt	6.03	
		For Work In Restricted Working Space, Add	*0.91*	
23 05 29 00-0927	EA	1/2" Diameter x 3-1/2" Long, Hex Lag Bolt	4.47	
		For Work In Restricted Working Space, Add	*0.91*	
23 05 29 00-0928	EA	1/2" Diameter x 4" Long, Hex Lag Bolt	4.53	
		For Work In Restricted Working Space, Add	*0.95*	
23 05 29 00-0929	EA	1/2" Diameter x 6" Long, Hex Lag Bolt	5.27	
		For Work In Restricted Working Space, Add	*0.99*	
23 05 29 00-0930	EA	1/2" Diameter x 8" Long, Hex Lag Bolt	6.10	
		For Work In Restricted Working Space, Add	*1.03*	
23 05 29 00-0931	EA	1/2" Diameter x 10" Long, Hex Lag Bolt	7.19	
		For Work In Restricted Working Space, Add	*1.08*	
23 05 29 00-0932	EA	1/2" Diameter x 12" Long, Hex Lag Bolt	7.70	
		For Work In Restricted Working Space, Add	*1.13*	
23 05 29 00-0933	EA	5/8" Diameter x 4" Long, Hex Lag Bolt	6.15	
		For Work In Restricted Working Space, Add	*1.01*	
23 05 29 00-0934	EA	3/4" Diameter x 5" Long, Hex Lag Bolt	7.19	
		For Work In Restricted Working Space, Add	*1.03*	
23 05 29 00-0935		**Fiberglass Beam Clamp** *(23 05 29 00-0848)*		
23 05 29 00-0936	EA	3/8" Diameter Size, Fiberglass Beam Clamp Assembly (Cooper B-Line BFV751J)	242.45	12.10
23 05 29 00-0937	EA	1/2" Diameter Size, Fiberglass Beam Clamp Assembly (Cooper B-Line BFV751J)	246.56	12.10
23 05 29 00-0938	EA	5/8" Diameter Size, Fiberglass Beam Clamp Assembly (Cooper B-Line BFV751J)	264.27	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0939		Stainless Steel Threaded Rod And Rod Accessories *(23 05 29 00-0682)*		
23 05 29 00-0940		304 Stainless Steel Threaded Rod *(23 05 29 00-0939)*		
23 05 29 00-0941	LF	1/4" Diameter, 304 Stainless Steel Threaded Rod	3.47	0.61
		For Work In Restricted Working Space, Add	*0.36*	
23 05 29 00-0942	LF	5/16" Diameter, 304 Stainless Steel Threaded Rod	5.17	0.61
		For Work In Restricted Working Space, Add	*0.39*	
23 05 29 00-0943	LF	3/8" Diameter, 304 Stainless Steel Threaded Rod	6.52	0.73
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0944	LF	7/16" Diameter, 304 Stainless Steel Threaded Rod	9.11	0.73
		For Work In Restricted Working Space, Add	*0.44*	
23 05 29 00-0945	LF	1/2" Diameter, 304 Stainless Steel Threaded Rod	10.96	0.73
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0946	LF	5/8" Diameter, 304 Stainless Steel Threaded Rod	16.47	0.85
		For Work In Restricted Working Space, Add	*0.48*	
23 05 29 00-0947	LF	3/4" Diameter, 304 Stainless Steel Threaded Rod	23.08	0.85
		For Work In Restricted Working Space, Add	*0.50*	
23 05 29 00-0948	LF	7/8" Diameter, 304 Stainless Steel Threaded Rod	31.77	0.85
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0949	LF	1" Diameter, 304 Stainless Steel Threaded Rod	40.74	0.97
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0950	LF	1-1/4" Diameter, 304 Stainless Steel Threaded Rod	86.13	1.21
		For Work In Restricted Working Space, Add	*0.76*	
23 05 29 00-0951		304 Stainless Steel Flat Washers *(23 05 29 00-0939)*		
23 05 29 00-0952	EA	3/8" Diameter, 304 Stainless Steel Flat Washer	0.77	0.24
		For Work In Restricted Working Space, Add	*0.15*	
23 05 29 00-0953	EA	1/2" Diameter, 304 Stainless Steel Flat Washer	1.48	0.24
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0954		304 Stainless Steel Hex Nuts *(23 05 29 00-0939)*		
23 05 29 00-0955	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	2.67	1.21
		For Work In Restricted Working Space, Add	*0.70*	
23 05 29 00-0956	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	3.44	1.21
		For Work In Restricted Working Space, Add	*0.76*	
23 05 29 00-0957		316 Stainless Steel U-Bolts *(23 05 29 00-0939)* Note: Type 24. Includes nuts.		
23 05 29 00-0958	EA	1/2" Diameter Size, 316 Stainless Steel U-Bolt	25.69	6.05
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0959	EA	3/4" Diameter Size, 316 Stainless Steel U-Bolt	26.56	6.41
		For Work In Restricted Working Space, Add	*3.82*	
23 05 29 00-0960	EA	1" Diameter Size, 316 Stainless Steel U-Bolt	27.66	6.78
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0961	EA	1-1/4" Diameter Size, 316 Stainless Steel U-Bolt	28.90	7.14
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0962	EA	1-1/2" Diameter Size, 316 Stainless Steel U-Bolt	30.23	7.50
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0963	EA	2" Diameter Size, 316 Stainless Steel U-Bolt	37.07	8.11
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0964	EA	2-1/2" Diameter Size, 316 Stainless Steel U-Bolt	39.68	8.59
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0965	EA	3" Diameter Size, 316 Stainless Steel U-Bolt	42.57	9.32
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0966	EA	3-1/2" Diameter Size, 316 Stainless Steel U-Bolt	44.68	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0967	EA	4" Diameter Size, 316 Stainless Steel U-Bolt	47.12	10.05
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0968	EA	5" Diameter Size, 316 Stainless Steel U-Bolt	80.11	10.40
		For Work In Restricted Working Space, Add	*6.22*	
23 05 29 00-0969	EA	6" Diameter Size, 316 Stainless Steel U-Bolt	131.33	10.52
		For Work In Restricted Working Space, Add	*6.35*	
23 05 29 00-0970	EA	8" Diameter Size, 316 Stainless Steel U-Bolt	194.87	10.77
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0971	EA	10" Diameter Size, 316 Stainless Steel U-Bolt	276.74	11.13
		For Work In Restricted Working Space, Add	*6.68*	
23 05 29 00-0972	EA	12" Diameter Size, 316 Stainless Steel U-Bolt	426.53	11.49
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0973		Hanger Strap *(23 05 29 00-0682)*		
23 05 29 00-0974	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	5.86	
23 05 29 00-0975		Shields And Saddles *(23 05 29)*		
23 05 29 00-0976		Insulation Protection Shield *(23 05 29 00-0975)* Note: Type 40.		
23 05 29 00-0977		Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0976)*		
23 05 29 00-0978	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.75	2.91
		For Work In Restricted Working Space, Add	*2.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0979	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.98	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0980	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.35	2.98
		For Work In Restricted Working Space, Add	*2.98*	
23 05 29 00-0981	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	17.05	3.01
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0982	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	18.72	3.09
		For Work In Restricted Working Space, Add	*3.09*	
23 05 29 00-0983	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	22.49	3.16
		For Work In Restricted Working Space, Add	*3.16*	
23 05 29 00-0984	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	25.90	3.23
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0985	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	31.28	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0986	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	39.65	3.34
		For Work In Restricted Working Space, Add	*3.34*	
23 05 29 00-0987	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	43.04	3.38
		For Work In Restricted Working Space, Add	*3.38*	
23 05 29 00-0988	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	58.52	3.42
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0989	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	65.53	3.45
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0990	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	119.87	3.49
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0991	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	130.16	3.56
		For Work In Restricted Working Space, Add	*3.56*	
23 05 29 00-0992	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	156.94	3.63
		For Work In Restricted Working Space, Add	*3.63*	

23 05 29 00-0993 Insulation Protection Shield (Cooper B-Line B3154) *(23 05 29 00-0976)*

23 05 29 00-0994	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.08	2.91
		For Work In Restricted Working Space, Add	*2.91*	
23 05 29 00-0995	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.28	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0996	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.58	2.98
		For Work In Restricted Working Space, Add	*2.98*	
23 05 29 00-0997	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	15.13	3.01
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0998	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.40	3.09
		For Work In Restricted Working Space, Add	*3.09*	
23 05 29 00-0999	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	19.20	3.16
		For Work In Restricted Working Space, Add	*3.16*	
23 05 29 00-1000	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	20.54	3.23
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-1001	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	25.71	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-1002	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	30.50	3.34
		For Work In Restricted Working Space, Add	*3.34*	

23 05 29 00-1003 Pipe Covering Protection Saddle *(23 05 29 00-0975)*

Note: Sizes are pipe sizes.

23 05 29 00-1004 Saddle, For 1" Insulation (Cooper B-Line B3160) *(23 05 29 00-1003)*

23 05 29 00-1005	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.94	4.00
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-1006	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.05	4.04
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-1007	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.17	4.07
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-1008	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.28	4.15
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-1009	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.39	4.18
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-1010	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.21	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-1011	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	28.94	4.31
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-1012	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	32.24	4.38
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-1013	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	36.04	4.52
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-1014	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	43.46	4.69
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-1015	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	48.32	4.75
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-1016	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	56.87	4.75
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-1017	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	61.90	4.93
		For Work In Restricted Working Space, Add	*4.92*	

23 05 29 00-1018 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-1003)*

23 05 29 00-1019	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.76	4.00
		For Work In Restricted Working Space, Add	*4.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1020	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.87	4.04
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-1021	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.99	4.07
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-1022	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.91	4.15
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-1023	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.98	4.18
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-1024	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.18	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-1025	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.72	4.31
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-1026	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	36.90	4.31
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-1027	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	41.30	4.52
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-1028	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	48.62	4.69
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-1029	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	54.42	4.75
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-1030	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	64.41	4.85
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-1031	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	70.36	4.93
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-1032		Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-1003)*		
23 05 29 00-1033	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.61	4.21
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-1034	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.72	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-1035	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.14	4.28
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-1036	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.03	4.34
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-1037	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.80	4.38
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-1038	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.03	4.46
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-1039	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.77	4.53
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-1040	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.51	4.60
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-1041	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	44.79	4.74
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-1042	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	50.58	4.93
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-1043	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	53.02	4.99
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-1044	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	70.84	5.09
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-1045	EA	14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	78.24	5.17
		For Work In Restricted Working Space, Add	*5.16*	
23 05 29 00-1046	EA	16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	85.87	5.30
		For Work In Restricted Working Space, Add	*5.30*	
23 05 29 00-1047	EA	18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	93.51	5.43
		For Work In Restricted Working Space, Add	*5.43*	
23 05 29 00-1048	EA	20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	102.38	5.57
		For Work In Restricted Working Space, Add	*5.57*	
23 05 29 00-1049	EA	24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	116.95	5.71
		For Work In Restricted Working Space, Add	*5.70*	
23 05 29 00-1050		Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-1003)*		
23 05 29 00-1051	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	31.90	4.38
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-1052	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	33.60	4.44
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-1053	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.46	4.49
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-1054	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.43	4.56
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-1055	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.77	4.64
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-1056	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	41.29	4.71
		For Work In Restricted Working Space, Add	*4.72*	
23 05 29 00-1057	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	47.05	4.85
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-1058	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	54.55	5.04
		For Work In Restricted Working Space, Add	*5.03*	
23 05 29 00-1059	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	58.37	5.11
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-1060	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	72.67	5.21
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-1061	EA	14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	85.94	5.30
		For Work In Restricted Working Space, Add	*5.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1062	EA	16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	99.42	5.42
		For Work In Restricted Working Space, Add	*5.43*	
23 05 29 00-1063	EA	18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	105.54	5.55
		For Work In Restricted Working Space, Add	*5.57*	
23 05 29 00-1064	EA	20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	112.34	5.71
		For Work In Restricted Working Space, Add	*5.70*	
23 05 29 00-1065	EA	24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	119.15	5.84
		For Work In Restricted Working Space, Add	*5.84*	

23 05 29 00-1066 Saddle, For 3" Insulation (Cooper B-Line B3164) *(23 05 29 00-1003)*

23 05 29 00-1067	EA	2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	35.62	4.60
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-1068	EA	2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	38.76	4.67
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-1069	EA	3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	40.38	4.74
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-1070	EA	4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	42.01	4.82
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-1071	EA	6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	48.06	4.97
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-1072	EA	8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	59.94	5.15
		For Work In Restricted Working Space, Add	*5.16*	
23 05 29 00-1073	EA	10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	64.84	5.23
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-1074	EA	12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	83.93	5.35
		For Work In Restricted Working Space, Add	*5.33*	
23 05 29 00-1075	EA	14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	99.93	5.42
		For Work In Restricted Working Space, Add	*5.43*	
23 05 29 00-1076	EA	16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	115.94	5.54
		For Work In Restricted Working Space, Add	*5.54*	
23 05 29 00-1077	EA	18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	118.18	5.70
		For Work In Restricted Working Space, Add	*5.70*	
23 05 29 00-1078	EA	20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	120.32	5.83
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-1079	EA	24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	152.30	5.97
		For Work In Restricted Working Space, Add	*5.98*	

23 05 29 00-1080 Saddle, For 4" Insulation (Cooper B-Line B3165) *(23 05 29 00-1003)*

23 05 29 00-1081	EA	2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	40.03	4.70
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-1082	EA	2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	43.73	4.77
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-1083	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	45.63	4.85
		For Work In Restricted Working Space, Add	*4.85*	
23 05 29 00-1084	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	47.62	4.93
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-1085	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	57.86	5.08
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-1086	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	68.10	5.27
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-1087	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	70.38	5.36
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-1088	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	89.59	5.47
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-1089	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	108.47	5.53
		For Work In Restricted Working Space, Add	*5.54*	
23 05 29 00-1090	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	127.56	5.68
		For Work In Restricted Working Space, Add	*5.67*	
23 05 29 00-1091	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	155.70	5.82
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-1092	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	183.72	5.96
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-1093	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	196.46	6.12
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-1094	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	206.72	6.27
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-1095	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	214.32	6.42
		For Work In Restricted Working Space, Add	*6.42*	

23 05 29 00-1096 Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0975)*

23 05 29 00-1097	EA	2" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	89.76	15.14
23 05 29 00-1098	EA	3" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	95.47	17.55
23 05 29 00-1099	EA	4" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	115.80	19.98
23 05 29 00-1100	EA	5" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	120.95	21.80
23 05 29 00-1101	EA	6" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	134.21	24.21
23 05 29 00-1102	EA	8" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	153.35	30.27
23 05 29 00-1103	EA	10" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	200.75	40.56
23 05 29 00-1104	EA	12" Diameter Size, Adjustable Pipe Saddle Support (Cooper B-Line B3096)	251.06	60.54

23 05 29 00-1105 Pipe Stanchion Support (Cooper B-Line B3090) *(23 05 29 00-0975)*

23 05 29 00-1106	EA	2-1/2" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	110.08	15.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1107	EA	3" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	114.40	17.55
23 05 29 00-1108	EA	3-1/2" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	122.65	18.77
23 05 29 00-1109	EA	4" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	125.48	19.98
23 05 29 00-1110	EA	5" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	132.09	21.80
23 05 29 00-1111	EA	6" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	140.34	24.21
23 05 29 00-1112	EA	8" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	178.09	30.27
23 05 29 00-1113	EA	10" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	240.11	40.56
23 05 29 00-1114	EA	12" Diameter Size, Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	316.22	60.54
23 05 29 00-1115		Pipe Saddle Support (Cooper B-Line B3095) *(23 05 29 00-0975)*		
23 05 29 00-1116	EA	2-1/2" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	58.56	15.14
23 05 29 00-1117	EA	3" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	62.88	17.55
23 05 29 00-1118	EA	3-1/2" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	92.77	18.77
23 05 29 00-1119	EA	4" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	95.60	19.98
23 05 29 00-1120	EA	5" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	105.00	21.80
23 05 29 00-1121	EA	6" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	116.40	24.21
23 05 29 00-1122	EA	8" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	134.22	30.27
23 05 29 00-1123	EA	10" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	157.98	40.56
23 05 29 00-1124	EA	12" Diameter Size, Pipe Saddle Support (Cooper B-Line B3095)	202.22	60.54
23 05 29 00-1125		360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0975)*		
		Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-1126		1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1125)*		
23 05 29 00-1127	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.40	7.61
23 05 29 00-1128	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.75	7.61
23 05 29 00-1129	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.84	7.61
23 05 29 00-1130	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.19	7.61
23 05 29 00-1131	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.45	8.07
23 05 29 00-1132	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.33	8.30
23 05 29 00-1133	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.36	8.66
23 05 29 00-1134	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.49	9.01
23 05 29 00-1135	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.53	9.36
23 05 29 00-1136	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.42	8.07
23 05 29 00-1137	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.06	10.53
23 05 29 00-1138	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	48.55	12.40
23 05 29 00-1139	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	55.31	14.39
23 05 29 00-1140	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.50	14.86
23 05 29 00-1141		1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1125)*		
23 05 29 00-1142	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.09	5.73
23 05 29 00-1143	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.81	5.73
23 05 29 00-1144	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.20	5.85
23 05 29 00-1145	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.80	5.97
23 05 29 00-1146	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.38	5.97
23 05 29 00-1147	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.37	6.20
23 05 29 00-1148	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.50	6.44
23 05 29 00-1149	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.08	6.55
23 05 29 00-1150	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.23	7.13
23 05 29 00-1151	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.26	12.28
23 05 29 00-1152	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.43	9.24
23 05 29 00-1153	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.10	10.88
23 05 29 00-1154	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.22	12.52
23 05 29 00-1155	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.00	15.09
23 05 29 00-1156		2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1125)*		
23 05 29 00-1157	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.27	6.55
23 05 29 00-1158	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.55	6.55
23 05 29 00-1159	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.31	6.67
23 05 29 00-1160	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.98	6.79
23 05 29 00-1161	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.67	6.90
23 05 29 00-1162	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.58	7.13
23 05 29 00-1163	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.93	7.36
23 05 29 00-1164	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.17	7.61
23 05 29 00-1165	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.98	8.07
23 05 29 00-1166	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.31	9.12
23 05 29 00-1167	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	53.05	15.56
23 05 29 00-1168	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.85	18.01
23 05 29 00-1169	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.64	21.29
23 05 29 00-1170	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.72	23.86
23 05 29 00-1171	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.41	26.90
23 05 29 00-1172	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	95.42	31.58
23 05 29 00-1173	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	105.95	35.10
23 05 29 00-1174	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	119.69	39.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1175		**2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1125)*		
23 05 29 00-1176	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.35	7.61
23 05 29 00-1177	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.66	7.61
23 05 29 00-1178	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.60	7.72
23 05 29 00-1179	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.28	7.84
23 05 29 00-1180	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.00	7.84
23 05 29 00-1181	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.11	8.19
23 05 29 00-1182	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.63	8.43
23 05 29 00-1183	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.05	8.77
23 05 29 00-1184	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.22	9.24
23 05 29 00-1185	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.21	10.53
23 05 29 00-1186	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.75	11.70
23 05 29 00-1187	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.68	13.46
23 05 29 00-1188	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.48	16.73
23 05 29 00-1189	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	79.53	18.37
23 05 29 00-1190	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	94.09	23.40
23 05 29 00-1191	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.02	24.57
23 05 29 00-1192	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	114.70	28.08
23 05 29 00-1193	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	135.16	33.92
23 05 29 00-1194		**3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1125)*		
23 05 29 00-1195	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.41	7.84
23 05 29 00-1196	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	59.99	8.19
23 05 29 00-1197	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.39	8.19
23 05 29 00-1198	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.92	8.43
23 05 29 00-1199	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.72	8.66
23 05 29 00-1200	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	67.74	8.77
23 05 29 00-1201	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	71.32	9.01
23 05 29 00-1202	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.47	9.59
23 05 29 00-1203	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.12	9.94
23 05 29 00-1204	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.95	12.16
23 05 29 00-1205	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	121.73	13.34
23 05 29 00-1206	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	144.84	14.03
23 05 29 00-1207	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	166.14	18.13
23 05 29 00-1208	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	187.11	19.31
23 05 29 00-1209	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	223.90	25.73
23 05 29 00-1210	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	241.02	28.08
23 05 29 00-1211	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	272.97	30.42
23 05 29 00-1212	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	320.68	37.43
23 05 29 00-1213		**3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1125)*		
23 05 29 00-1214	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.35	7.61
23 05 29 00-1215	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.41	9.24
23 05 29 00-1216	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.75	9.24
23 05 29 00-1217	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.52	9.36
23 05 29 00-1218	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.48	9.48
23 05 29 00-1219	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.68	9.83
23 05 29 00-1220	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.53	10.17
23 05 29 00-1221	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.11	10.53
23 05 29 00-1222	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.10	11.11
23 05 29 00-1223	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	47.04	12.64
23 05 29 00-1224	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.06	14.03
23 05 29 00-1225	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.02	16.14
23 05 29 00-1226	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	84.57	20.12
23 05 29 00-1227	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	95.45	21.99
23 05 29 00-1228	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	112.92	28.08
23 05 29 00-1229	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	121.23	29.48
23 05 29 00-1230	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	137.70	33.69
23 05 29 00-1231	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	162.20	40.71
23 05 29 00-1232		**4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1125)*		
23 05 29 00-1233	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.83	10.29
23 05 29 00-1234	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.26	10.29
23 05 29 00-1235	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.52	10.42
23 05 29 00-1236	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.54	10.53
23 05 29 00-1237	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.33	10.53
23 05 29 00-1238	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.32	11.23
23 05 29 00-1239	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.95	11.35
23 05 29 00-1240	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.92	11.81
23 05 29 00-1241	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.20	12.52
23 05 29 00-1242	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.90	14.15
23 05 29 00-1243	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.94	15.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1244	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.28	18.25
23 05 29 00-1245	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	95.16	22.69
23 05 29 00-1246	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	107.41	24.68
23 05 29 00-1247	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	127.09	31.58
23 05 29 00-1248	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	136.32	33.11
23 05 29 00-1249	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	153.07	37.90
23 05 29 00-1250	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	182.50	45.86
23 05 29 00-1251	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	207.91	53.93
23 05 29 00-1252	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	236.28	63.64
23 05 29 00-1253	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	266.93	75.21
23 05 29 00-1254	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	380.68	116.16
23 05 29 00-1255	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	409.66	127.86
23 05 29 00-1256	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	436.23	138.03

23 05 29 00-1257 Equipment Housekeeping Pads *(23 05 29)*

See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.

23 05 29 00-1258 Molded Plastic Condenser Pad *(23 05 29 00-1257)*

23 05 29 00-1259	EA	30" Round Molded Plastic Pad	153.09	15.13
23 05 29 00-1260	EA	30" Octagon Molded Plastic Pad	161.17	15.13
23 05 29 00-1261	EA	30" x 30" Molded Plastic Pad	153.09	15.13
23 05 29 00-1262	EA	36" x 36" Molded Plastic Pad	201.50	15.13
23 05 29 00-1263	EA	36" x 48" Molded Plastic Pad	292.07	15.13

23 05 29 00-1264 Inertia Base *(23 05 29 00-1257)*

Note: Includes spring isolators.

23 05 29 00-1265	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	2,208.50	
23 05 29 00-1266	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	2,668.64	
23 05 29 00-1267	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	3,056.74	
23 05 29 00-1268	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	3,492.86	

23 05 29 00-1269 Hanger Assemblies *(23 05 29)*

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

23 05 29 00-1270	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	53.57	18.83
		For Work In Restricted Working Space, Add	*12.11*	
23 05 29 00-1271	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	55.80	19.94
		For Work In Restricted Working Space, Add	*12.78*	
23 05 29 00-1272	EA	1" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	57.67	21.15
		For Work In Restricted Working Space, Add	*13.33*	
23 05 29 00-1273	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	58.61	21.19
		For Work In Restricted Working Space, Add	*13.53*	
23 05 29 00-1274	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	58.84	21.19
		For Work In Restricted Working Space, Add	*13.53*	
23 05 29 00-1275	EA	2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	59.95	21.36
		For Work In Restricted Working Space, Add	*13.72*	
23 05 29 00-1276	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	70.60	23.08
		For Work In Restricted Working Space, Add	*14.11*	
23 05 29 00-1277	EA	3" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	72.50	23.75
		For Work In Restricted Working Space, Add	*14.33*	
23 05 29 00-1278	EA	4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	87.83	26.81
		For Work In Restricted Working Space, Add	*15.82*	
23 05 29 00-1279	EA	6" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	130.55	34.64
		For Work In Restricted Working Space, Add	*20.78*	
23 05 29 00-1280	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	149.31	40.19
		For Work In Restricted Working Space, Add	*24.11*	
23 05 29 00-1281	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	205.30	51.05
		For Work In Restricted Working Space, Add	*30.24*	
23 05 29 00-1282	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	223.50	54.92
		For Work In Restricted Working Space, Add	*33.02*	

23 05 29 00-1283 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1284 Angle Iron For Hanger Devices *(23 05 29 00-1283)*

23 05 29 00-1285	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.87	1.76
23 05 29 00-1286	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.74	2.19
23 05 29 00-1287	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.61	2.63
23 05 29 00-1288	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.41	3.28
23 05 29 00-1289	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	7.16	3.51
23 05 29 00-1290	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	9.68	3.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1291	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	12.06	4.80
23 05 29 00-1292	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	15.66	5.64
23 05 29 00-1293	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	18.72	6.59
23 05 29 00-1294		Channels For Hanger Devices *(23 05 29 00-1283)*		
23 05 29 00-1295	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices	8.52	4.57
23 05 29 00-1296	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices	14.43	6.56
23 05 29 00-1297	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices	17.98	7.88
23 05 29 00-1298	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices	21.52	9.19
23 05 29 00-1299	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices	26.05	11.04
23 05 29 00-1300	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices	31.07	13.14
23 05 29 00-1301	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices	35.17	14.45
23 05 29 00-1302		Structural Bar Tees For Hanger Devices *(23 05 29 00-1283)*		
23 05 29 00-1303	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	9.64	6.42
23 05 29 00-1304	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	11.61	7.59
23 05 29 00-1305	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	16.35	8.76
23 05 29 00-1306	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	21.08	11.68
23 05 29 00-1307	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	28.68	14.02
23 05 29 00-1308	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	36.00	18.10
23 05 29 00-1309		Structural Zees For Hanger Devices *(23 05 29 00-1283)*		
23 05 29 00-1310	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	16.37	8.76
23 05 29 00-1311	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	19.48	8.76
23 05 29 00-1312	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	28.39	8.76
23 05 29 00-1313	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	35.71	8.76
23 05 29 00-1314	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	43.29	8.76
23 05 29 00-1315		Junior I-beams For Hanger Devices *(23 05 29 00-1283)*		
23 05 29 00-1316	LF	3" I-beam (Junior) For Hanger Devices	20.58	12.85
23 05 29 00-1317	LF	4" I-beam (Junior) For Hanger Devices	23.59	14.02
23 05 29 00-1318	LF	5" I-beam (Junior) For Hanger Devices	27.13	15.18
23 05 29 00-1319	LF	6" I-beam (Junior) For Hanger Devices	29.65	16.94
23 05 29 00-1320	LF	7" I-beam (Junior) For Hanger Devices	35.01	18.10
23 05 29 00-1321	LF	8" I-beam (Junior) For Hanger Devices	37.89	19.27

23 05 33 Heat Tracing for HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001		Unhoused Stable Steel Spring Isolators *(23 05 48 13)*		
		Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 13-0002	EA	60 Lb. Capacity, Unhoused Steel Spring Isolator	114.34	33.88
23 05 48 13-0003	EA	115 Lb. Capacity, Unhoused Steel Spring Isolator	121.88	33.88
23 05 48 13-0004	EA	1,130 Lb. Capacity, Unhoused Steel Spring Isolator	146.90	33.88
23 05 48 13-0005		Housed Stable Steel Spring Isolators *(23 05 48 13)*		
		Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only. Mason Industries, Inc.		
23 05 48 13-0006	EA	To 770 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	263.84	33.88
23 05 48 13-0007	EA	To 1,040 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	294.09	33.88
23 05 48 13-0008	EA	To 1,600 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	309.21	33.88
23 05 48 13-0009	EA	To 2,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	369.71	33.88
23 05 48 13-0010	EA	To 3,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	384.83	33.88
23 05 48 13-0011	EA	To 730 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	290.31	33.88
23 05 48 13-0012	EA	To 930 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	316.78	33.88
23 05 48 13-0013	EA	To 1,440 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	335.68	33.88
23 05 48 13-0014	EA	To 1,860 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	422.64	33.88
23 05 48 13-0015	EA	To 2,880 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	456.67	33.88
23 05 48 13-0016	EA	To 3,720 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	536.07	33.88
23 05 48 13-0017		Vibration Isolators *(23 05 48 13)*		
23 05 48 13-0018		Spring And Rubber Hanger For 1" Deflection *(23 05 48 13-0017)*		
23 05 48 13-0019	EA	50 To 500 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	154.30	21.80
23 05 48 13-0020	EA	600 To 1,000 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	327.58	24.21
23 05 48 13-0021		Rubber-In-Shear Isolator Hanger *(23 05 48 13-0017)*		
23 05 48 13-0022	EA	45-340 Lb. Rated Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	84.91	18.16
23 05 48 13-0023	EA	130-700 Lb. Rated Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	110.30	21.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0024		**Spring Hanger For 1" Deflection** *(23 05 48 13-0017)*		
23 05 48 13-0025	EA	50 To 1,000 Lb. Rated Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	96.14	21.80
23 05 48 13-0026	EA	2" x 5/8" x 3-3/8" Isolation Spring Hanger (SHE Type), 25-350 Lb.	127.60	21.80
23 05 48 13-0027	EA	2" x 5/8" x 3-3/8" Isolation Spring Hanger (SHE Type), 350-600 Lb.	185.72	21.80
23 05 48 13-0028	EA	2" x 3/4" x 4-5/8" Isolation Spring Hanger (SHE Type), 45-900 Lb.	203.49	21.80
23 05 48 13-0029	EA	2" x 3/4" x 4-5/8" Isolation Spring Hanger (SHE Type), 900-1,500 Lb.	221.26	21.80
23 05 48 13-0030		**Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0017)*		
23 05 48 13-0031	EA	45 To 340 Lb. Rubber In Shear Vibration Isolation With 0.38" Deflection	176.84	41.17
23 05 48 13-0032	EA	130 To 700 Lb. Rubber In Shear Vibration Isolation With 0.43" Deflection	243.59	41.17
23 05 48 13-0033	EA	550 To 1,920 Lb. Rubber In Shear Vibration Isolation With 0.48" Deflection	472.68	41.17
23 05 48 13-0034		**Two-Piece Spring Type Vibration Isolator** *(23 05 48 13-0017)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0035	EA	50 To 1,000 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	148.71	41.17
23 05 48 13-0036	EA	>1,000 To 1,600 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	153.68	41.17
23 05 48 13-0037		**Open Double Spring Type Vibration Isolator** *(23 05 48 13-0017)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0038	EA	150 To 450 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	117.37	20.58
23 05 48 13-0039	EA	500 To 1,000 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	117.37	20.58
23 05 48 13-0040	EA	1,100 To 1,600 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	133.95	20.58
23 05 48 13-0041	EA	1,700 To 2,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	133.95	20.58
23 05 48 13-0042	EA	2,500 To 3,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	208.95	20.58
23 05 48 13-0043		**Isolation Pads** *(23 05 48 13-0017)*		
23 05 48 13-0044		**Laminated Neoprene And Cork Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0045	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.38	3.03
23 05 48 13-0046	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.51	3.15
23 05 48 13-0047	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.94	3.27
23 05 48 13-0048	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	47.85	3.75
23 05 48 13-0049	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	91.77	4.23
23 05 48 13-0050		**Neoprene And Steel Plate Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0051	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	108.17	3.03
23 05 48 13-0052	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	119.45	3.03
23 05 48 13-0053		**Neoprene Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0054	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.87	3.03
23 05 48 13-0055	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.86	3.03
23 05 48 13-0056	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	9.42	3.03
23 05 48 13-0057	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	47.07	3.63
23 05 48 13-0058	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	86.22	4.23
23 05 48 13-0059		**Ribbed Neoprene Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0060	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.74	3.03
23 05 48 13-0061	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.61	3.15
23 05 48 13-0062	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.98	3.27
23 05 48 13-0063	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	12.24	3.51
23 05 48 13-0064	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	21.18	3.75
23 05 48 13-0065	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	39.03	4.23
23 05 48 13-0066		**Cork And Ribbed Neoprene Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0067	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	7.04	3.03
23 05 48 13-0068	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	9.01	3.15
23 05 48 13-0069	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	11.18	3.27
23 05 48 13-0070	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	15.55	3.51
23 05 48 13-0071	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	28.29	3.75
23 05 48 13-0072	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	60.25	4.23
23 05 48 13-0073		**Cork, Ribbed Neoprene And Steel Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0074	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	78.60	3.03
23 05 48 13-0075	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	98.95	3.15
23 05 48 13-0076	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	131.60	3.27
23 05 48 13-0077	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	168.64	3.51
23 05 48 13-0078	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	206.95	3.75
23 05 48 13-0079	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	251.56	4.23
23 05 48 13-0080		**Rubber Cube Isolation Pad** *(23 05 48 13-0043)*		
23 05 48 13-0081	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	7.14	3.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0082	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	11.28	3.27
23 05 48 13-0083	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad	71.46	4.23
23 05 48 13-0084		Vibra Strip For 1-5/8" Wide B Line Channel *(23 05 48 13-0043)*		
23 05 48 13-0085	LF	BVS Type - Vibra Strip For 1-5/8" Wide B-Line Channel	6.21	0.61
23 05 48 13-0086		Miscellaneous Piping Isolators *(23 05 48 13-0017)*		
23 05 48 13-0087	EA	Vibration Isolator, 2" Deflector Note: M.M. Sausse Model # RMXA.	1,002.55	36.33
23 05 48 13-0088		Vibration Isolators For Equipment *(23 05 48 13)*		
23 05 48 13-0089		Isolation Mounts For Equipment *(23 05 48 13-0088)*		
23 05 48 13-0090		Molded Neoprene Mounts *(23 05 48 13-0089)*		
23 05 48 13-0091	EA	3-1/4" x 1-7/8" x 1-7/8" Molded Neoprene Mount, 25-45 Lb.	78.41	6.05
23 05 48 13-0092	EA	3-1/4" x 1-7/8" x 1-7/8" Molded Neoprene Mount, 45-110 Lb.	78.41	6.05
23 05 48 13-0093	EA	3-1/4" x 1-7/8" x 1-7/8" Molded Neoprene Mount, 110-210 Lb.	78.41	6.05
23 05 48 13-0094	EA	3-1/4" x 1-7/8" x 1-7/8" Molded Neoprene Mount, 210-340 Lb.	78.41	6.05
23 05 48 13-0095	EA	4-1/4" x 2-1/2" x 2-1/8" Molded Neoprene Mount, 230-380 Lb.	87.57	7.27
23 05 48 13-0096	EA	4-1/4" x 2-1/2" x 2-1/8" Molded Neoprene Mount, 380-700 Lb.	186.51	7.27
23 05 48 13-0097	EA	6" x 3-1/2" x 2-3/8" Molded Neoprene Mount, 550-930 Lb.	190.14	9.08
23 05 48 13-0098		Cup Mounts *(23 05 48 13-0089)*		
23 05 48 13-0099	EA	2-3/8" x 2-3/8" x 1-1/8" Metal Housing And Neoprene Cup Mount, 8-14 Lb.	259.49	6.05
23 05 48 13-0100	EA	2-3/8" x 2-3/8" x 1-1/8" Metal Housing And Neoprene Cup Mount, 14-24 Lb.	259.49	6.05
23 05 48 13-0101	EA	2-3/8" x 2-3/8" x 1-1/8" Metal Housing And Neoprene Cup Mount, 24-38 Lb.	259.49	6.05
23 05 48 13-0102	EA	2-3/8" x 2-3/8" x 1-1/8" Metal Housing And Neoprene Cup Mount, 38-60 Lb.	259.49	6.05
23 05 48 13-0103	EA	3" x 3" x 1-1/2" Metal Housing And Neoprene Cup Mount, 15-30 Lb.	376.21	6.05
23 05 48 13-0104	EA	3" x 3" x 1-1/2" Metal Housing And Neoprene Cup Mount, 30-50 Lb.	376.21	6.05
23 05 48 13-0105	EA	3" x 3" x 1-1/2" Metal Housing And Neoprene Cup Mount, 50-80 Lb.	376.21	6.05
23 05 48 13-0106	EA	3" x 3" x 1-1/2" Metal Housing And Neoprene Cup Mount, 80-110 Lb.	376.21	6.05
23 05 48 13-0107		Free Standing Spring Mounts, 1" Deflection (OML Type) *(23 05 48 13-0089)*		
23 05 48 13-0108	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 25-50 Lb.	173.40	15.14
23 05 48 13-0109	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 50-100 Lb.	173.40	15.14
23 05 48 13-0110	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 100-150 Lb.	173.40	15.14
23 05 48 13-0111	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 150-250 Lb.	173.40	15.14
23 05 48 13-0112	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 250-350 Lb.	173.40	15.14
23 05 48 13-0113	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 350-450 Lb.	189.25	15.14
23 05 48 13-0114	EA	4-1/2" x 2" x 3-5/8" High Free Standing Spring Mount, 450-300 Lb.	189.25	15.14
23 05 48 13-0115		Free Standing Spring Mounts, 1" Deflection (OM Type) *(23 05 48 13-0089)*		
23 05 48 13-0116	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 75-150 Lb.	248.35	16.35
23 05 48 13-0117	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 150-250 Lb.	248.35	16.35
23 05 48 13-0118	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 250-350 Lb.	248.35	16.35
23 05 48 13-0119	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 350-500 Lb.	248.35	16.35
23 05 48 13-0120	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 500-600 Lb.	248.35	16.35
23 05 48 13-0121	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 600-750 Lb.	248.35	16.35
23 05 48 13-0122	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 750-900 Lb.	248.35	16.35
23 05 48 13-0123	EA	4-1/2" x 2" x 4-3/4" High Free Standing Spring Mount, 900-1,100 Lb.	248.35	16.35
23 05 48 13-0124		Free Standing Spring Mounts, 2" Deflection (OM Type) *(23 05 48 13-0089)*		
23 05 48 13-0125	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 75-150 Lb.	662.44	19.98
23 05 48 13-0126	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 150-275 Lb.	662.44	19.98
23 05 48 13-0127	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 275-425 Lb.	662.44	19.98
23 05 48 13-0128	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 425-500 Lb.	662.44	19.98
23 05 48 13-0129	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 500-650 Lb.	662.44	19.98
23 05 48 13-0130	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 650-775 Lb.	662.44	19.98
23 05 48 13-0131	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 775-1,000 Lb.	662.44	19.98
23 05 48 13-0132	EA	6-1/4" x 4" x 7-5/8" High Free Standing Spring Mount, 1,000-1,150 Lb.	662.44	19.98
23 05 48 13-0133		Housed Fail Safe Spring Mounts, 1" Deflection (HMLE Type) *(23 05 48 13-0089)* Note: With external adjustment bolt.		
23 05 48 13-0134	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 25-50 Lb.	251.99	18.16
23 05 48 13-0135	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 50-100 Lb.	251.99	18.16
23 05 48 13-0136	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 100-150 Lb.	251.99	18.16
23 05 48 13-0137	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 150-250 Lb.	251.99	18.16
23 05 48 13-0138	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 250-350 Lb.	262.08	18.16
23 05 48 13-0139	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 350-450 Lb.	303.86	18.16
23 05 48 13-0140	EA	5-1/8" x 2-1/2" x 3-3/4"H Housed Fail Safe Spring Mount, 450-600 Lb.	303.86	18.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0141		**Housed Fail Safe Spring Mounts, 1" Deflection (HME Type)** *(23 05 48 13-0089)* Note: With external adjustment bolt.		
23 05 48 13-0142	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 45-90 Lb.	359.37	19.98
23 05 48 13-0143	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 90-120 Lb.	359.37	19.98
23 05 48 13-0144	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 120-175 Lb.	359.37	19.98
23 05 48 13-0145	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 175-250 Lb.	359.37	19.98
23 05 48 13-0146	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 250-330 Lb.	359.37	19.98
23 05 48 13-0147	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 330-450 Lb.	391.07	19.98
23 05 48 13-0148	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 450-600 Lb.	391.07	19.98
23 05 48 13-0149	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 600-750 Lb.	391.07	19.98
23 05 48 13-0150	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 750-900 Lb.	391.07	19.98
23 05 48 13-0151	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 900-1,100 Lb.	428.53	19.98
23 05 48 13-0152	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 1,100-1,300 Lb.	428.53	19.98
23 05 48 13-0153	EA	6-3/8" x 2-5/8" x 5-1/8"H Housed Fail Safe Spring Mount, 1,300-1,500 Lb.	428.53	19.98
23 05 48 13-0154		**Housed Fail Safe Spring Mount, 2" Deflection (HME Type)** *(23 05 48 13-0089)* Note: With external adjustment bolt.		
23 05 48 13-0155	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 48-90 Lb.	518.83	19.98
23 05 48 13-0156	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 90-120 Lb.	518.83	19.98
23 05 48 13-0157	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 120-175 Lb.	518.83	19.98
23 05 48 13-0158	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 175-250 Lb.	518.83	19.98
23 05 48 13-0159	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 250-330 Lb.	518.83	19.98
23 05 48 13-0160	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 330-450 Lb.	518.83	19.98
23 05 48 13-0161	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 450-600 Lb.	572.14	19.98
23 05 48 13-0162	EA	6-3/8" x 2-5/8" x 5-5/8"H Housed Fail Safe Spring Mount, 600-750 Lb.	572.14	19.98
23 05 48 13-0163	EA	9-3/4" x 2-5/8" x 5-3/4"H Housed Fail Safe Spring Mount, 500-660 Lb.	907.88	19.98
23 05 48 13-0164	EA	9-3/4" x 2-5/8" x 5-3/4"H Housed Fail Safe Spring Mount, 660-900 Lb.	907.88	19.98
23 05 48 13-0165	EA	9-3/4" x 2-5/8" x 5-3/4"H Housed Fail Safe Spring Mount, 900-1,200 Lb.	907.88	19.98
23 05 48 13-0166	EA	9-3/4" x 2-5/8" x 5-3/4"H Housed Fail Safe Spring Mount, 1,200-1,500 Lb.	907.88	19.98
23 05 48 13-0167		**Housed Fail Safe Spring Mount, 1" Deflection (HMLT Type)** *(23 05 48 13-0089)* Note: Skid resistant neoprene top and external adjustment bolt.		
23 05 48 13-0168	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 25-50 Lb.	302.61	15.14
23 05 48 13-0169	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 50-100 Lb.	302.61	15.14
23 05 48 13-0170	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 100-150 Lb.	302.61	15.14
23 05 48 13-0171	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 150-250 Lb.	302.61	15.14
23 05 48 13-0172	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 250-350 Lb.	302.61	15.14
23 05 48 13-0173	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 350-450 Lb.	314.13	15.14
23 05 48 13-0174	EA	5-1/8" x 2-1/2" x 4-1/8" Housed Fail Safe Spring Mount, 450-600 Lb.	314.13	15.14
23 05 48 13-0175		**Vibration Hangers** *(23 05 48 13-0089)* Note: RH type neoprene hanger.		
23 05 48 13-0176	EA	2-3/4" x 2" x 4-1/2"H Neoprene Vibration Hanger, 60 To 100 Lb.	196.66	27.24
23 05 48 13-0177	EA	2-3/4" x 2" x 4-1/2"H Neoprene Vibration Hanger, 100 To 175 Lb.	196.66	27.24
23 05 48 13-0178	EA	2-3/4" x 2" x 4-1/2"H Neoprene Vibration Hanger, 175 To 300 Lb.	267.27	27.24
23 05 48 13-0179	EA	2-3/4" x 2" x 4-1/2"H Neoprene Vibration Hanger, 300 To 700 Lb.	267.27	27.24
23 05 48 13-0180	EA	3" x 2" x 7"H Neoprene Vibration Hanger, 700 To 1,100 Lb.	404.49	33.30
23 05 48 13-0181	EA	3" x 2" x 7"H Neoprene Vibration Hanger, 1,100 To 2,000 Lb.	404.49	33.30
23 05 48 13-0182		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)* Note: Includes hex threaded nipple ends.		
23 05 48 13-0183	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	81.90	19.37
23 05 48 13-0184	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	95.49	26.64
23 05 48 13-0185	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	117.27	32.69
23 05 48 13-0186	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	136.37	38.74
23 05 48 13-0187	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	156.24	50.86
23 05 48 13-0188	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	175.87	54.12
23 05 48 13-0189	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	235.91	64.18
23 05 48 13-0190	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	326.63	100.01
23 05 48 13-0191		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0192	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	243.78	69.50
23 05 48 13-0193	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	283.92	76.28
23 05 48 13-0194	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	318.97	80.76
23 05 48 13-0195	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	357.01	92.02
23 05 48 13-0196	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	403.94	99.28
23 05 48 13-0197	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	508.01	129.19
23 05 48 13-0198	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	753.30	145.30
23 05 48 13-0199	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	926.56	163.46
23 05 48 13-0200	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,285.91	242.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0201		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0202		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0201)* Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0203	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	248.27	90.81
23 05 48 13-0204	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	268.39	100.86
23 05 48 13-0205	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	433.06	201.47
23 05 48 13-0206	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	597.60	299.67
23 05 48 13-0207	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	779.25	386.85
23 05 48 13-0208	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	999.46	402.55
23 05 48 13-0209	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,217.74	459.77
23 05 48 13-0210	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,581.67	547.15
23 05 48 13-0211	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,776.16	684.34
23 05 48 13-0212		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0201)* Note: With braided metal wire.		
23 05 48 13-0213	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	192.18	82.58
23 05 48 13-0214	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	183.48	113.57
23 05 48 13-0215	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	358.87	151.35
23 05 48 13-0216	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	462.85	227.03
23 05 48 13-0217	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	497.24	249.79
23 05 48 13-0218	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	576.69	302.45
23 05 48 13-0219	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	738.34	387.21
23 05 48 13-0220	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,354.81	534.20
23 05 48 13-0221	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,549.01	626.23
23 05 48 13-0222	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,022.39	482.10
23 05 48 13-0223	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,948.22	603.83
23 05 48 13-0224	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,686.36	644.09
23 05 48 13-0225	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,986.07	744.78
23 05 48 13-0226	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,570.02	805.11
23 05 48 13-0227		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0201)* Note: 150 PSI.		
23 05 48 13-0228	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,104.01	175.56
23 05 48 13-0229	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,237.48	205.84
23 05 48 13-0230	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,872.42	345.94
23 05 48 13-0231	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,274.67	402.55
23 05 48 13-0232	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,996.86	493.80
23 05 48 13-0233		**Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)*		
23 05 48 13-0234		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0233)* Note: MPT connection.		
23 05 48 13-0235	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	43.92	2.42
23 05 48 13-0236	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	52.58	2.42
23 05 48 13-0237	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.42	3.15
23 05 48 13-0238	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	71.17	3.15
23 05 48 13-0239	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.86	2.91
23 05 48 13-0240	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	71.21	2.91
23 05 48 13-0241	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	81.38	3.75
23 05 48 13-0242	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	100.62	3.75
23 05 48 13-0243	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	80.39	3.39
23 05 48 13-0244	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	87.97	3.39
23 05 48 13-0245	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	104.45	4.47
23 05 48 13-0246	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	132.59	4.47
23 05 48 13-0247	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	160.51	4.47
23 05 48 13-0248	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	188.53	4.47
23 05 48 13-0249	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	114.60	4.35
23 05 48 13-0250	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	126.41	4.35
23 05 48 13-0251	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	162.41	4.35
23 05 48 13-0252	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	225.86	5.79
23 05 48 13-0253	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	262.14	5.79
23 05 48 13-0254	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	310.41	5.79
23 05 48 13-0255	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	157.02	5.24
23 05 48 13-0256	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	181.70	5.24
23 05 48 13-0257	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	229.51	5.24
23 05 48 13-0258	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	306.09	7.02
23 05 48 13-0259	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	378.95	7.02
23 05 48 13-0260	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	451.74	7.02
23 05 48 13-0261	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	218.23	6.58
23 05 48 13-0262	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	248.63	6.25
23 05 48 13-0263	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	279.34	6.25
23 05 48 13-0264	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	344.36	8.36
23 05 48 13-0265	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	406.11	8.36
23 05 48 13-0266	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	465.94	8.36
23 05 48 13-0267	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	344.39	8.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0268	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	385.41	8.36
23 05 48 13-0269	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	850.36	8.36
23 05 48 13-0270	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,024.13	11.15
23 05 48 13-0271	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	597.17	11.15
23 05 48 13-0272	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	677.89	11.15
23 05 48 13-0273	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	631.45	9.87
23 05 48 13-0274	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	679.38	9.87
23 05 48 13-0275	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	727.31	9.87
23 05 48 13-0276	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	831.25	13.17
23 05 48 13-0277	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	926.74	13.17
23 05 48 13-0278	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,024.28	13.17

23 05 48 13-0279 Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0233)*

Note: Over braided carbon steel connection.

23 05 48 13-0280	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	187.26	5.32
23 05 48 13-0281	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	226.47	5.32
23 05 48 13-0282	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	264.95	5.32
23 05 48 13-0283	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	346.77	7.13
23 05 48 13-0284	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	424.76	7.13
23 05 48 13-0285	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	502.67	7.13
23 05 48 13-0286	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	212.23	6.25
23 05 48 13-0287	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	253.22	6.25
23 05 48 13-0288	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	294.39	6.25
23 05 48 13-0289	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	381.34	8.36
23 05 48 13-0290	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	463.34	8.36
23 05 48 13-0291	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	544.21	8.36
23 05 48 13-0292	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	224.89	8.36
23 05 48 13-0293	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	271.84	8.58
23 05 48 13-0294	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	319.46	8.36
23 05 48 13-0295	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	423.07	11.15
23 05 48 13-0296	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	517.80	11.15
23 05 48 13-0297	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	615.21	11.15
23 05 48 13-0298	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	453.59	16.30
23 05 48 13-0299	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	670.72	16.41
23 05 48 13-0300	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	899.57	21.61
23 05 48 13-0301	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,116.79	21.61
23 05 48 13-0302	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,333.96	21.61
23 05 48 13-0303	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	788.64	20.04
23 05 48 13-0304	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	952.92	20.04
23 05 48 13-0305	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,292.10	26.05
23 05 48 13-0306	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,618.00	26.05
23 05 48 13-0307	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,943.81	26.05
23 05 48 13-0308	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	844.28	25.05
23 05 48 13-0309	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,255.00	25.05
23 05 48 13-0310	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,681.09	32.62
23 05 48 13-0311	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,093.25	32.62
23 05 48 13-0312	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,503.66	32.62
23 05 48 13-0313	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,677.92	30.28
23 05 48 13-0314	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,190.49	30.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0315	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,739.99	40.75
23 05 48 13-0316	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,257.06	40.75
23 05 48 13-0317	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,776.54	40.75
23 05 48 13-0318		Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0233)*		
		Note: Flanged end connection (carbon steel ends).		
23 05 48 13-0319	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	378.76	5.24
23 05 48 13-0320	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	711.45	148.57
23 05 48 13-0321	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	870.36	148.57
23 05 48 13-0322	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,029.27	148.57
23 05 48 13-0323	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,188.24	148.57
23 05 48 13-0324	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	653.19	189.47
23 05 48 13-0325	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	820.64	189.47
23 05 48 13-0326	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	988.16	189.47
23 05 48 13-0327	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,155.74	189.47
23 05 48 13-0328	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,320.38	189.47
23 05 48 13-0329	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	910.58	317.65
23 05 48 13-0330	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,106.03	318.44
23 05 48 13-0331	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,304.67	317.65
23 05 48 13-0332	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,526.76	317.65
23 05 48 13-0333	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,696.46	317.65
23 05 48 13-0334	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,411.66	407.41
23 05 48 13-0335	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,854.53	407.41
23 05 48 13-0336	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,297.64	408.86
23 05 48 13-0337	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,740.57	407.41
23 05 48 13-0338	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,183.43	407.41
23 05 48 13-0339	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,346.64	512.12
23 05 48 13-0340	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,681.68	512.12
23 05 48 13-0341	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,345.94	512.12
23 05 48 13-0342	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,010.46	512.12
23 05 48 13-0343	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,674.66	512.12
23 05 48 13-0344	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,827.79	623.46
23 05 48 13-0345	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,662.51	623.46
23 05 48 13-0346	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,502.83	623.46
23 05 48 13-0347	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,341.35	623.46
23 05 48 13-0348	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,019.02	623.46
23 05 48 13-0349	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,191.10	757.05
23 05 48 13-0350	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,250.33	757.05
23 05 48 13-0351	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,309.50	757.05
23 05 48 13-0352	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	8,368.67	757.05
23 05 48 13-0353	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	9,427.91	757.05

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0002		**Pipe Marker Snap-On Type Plastic** *(23 05 53 00-0001)* Note: Outside diameters of insulation where necessary.		
23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	21.18	
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	21.49	
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	21.65	
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	21.98	
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	25.56	
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	26.12	
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	41.63	
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	42.06	
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	42.53	
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	42.78	
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	43.04	
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	43.31	
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	45.37	
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	45.66	
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	56.32	
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	58.21	
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	67.03	
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	76.89	
23 05 53 00-0021		**Pipe Markers Pressure-Sensitive** *(23 05 53 00-0001)* Note: Outside diameter includes insulation where necessary.		
23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.43	
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.04	
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.26	
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.49	
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.69	
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.06	
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.54	
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.03	
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.38	
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.75	
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.51	
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.32	
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.03	
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.74	
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	27.48	
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	28.81	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	33.78	
23 05 53 00-0039		**Valve Identification Tag** *(23 05 53 00-0001)* Note: Includes beaded chain and/or "S" hook.		
23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	12.59	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	11.82	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	11.58	
23 05 53 00-0043		**Medical Pipe Labels Pressure-Sensitive** *(23 05 53 00-0001)*		
23 05 53 00-0044	LF	3" Wide, Vinyl Medical Gas Pipe Pressure Sensitive Stick-On Label Note: To be wrapped around pipe insulation per location	23.13	

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

23 05 66 00-0001		**Double Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO) Note: Includes tube.	1,029.83	76.68
23 05 66 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	1,074.96	80.47
23 05 66 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	1,077.19	83.91
23 05 66 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	1,127.53	88.17
23 05 66 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	1,220.89	91.96
23 05 66 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	1,147.48	94.84
23 05 66 00-0008		**Single Ended Ultraviolet HVAC Microbial Control Fixtures** *(23 05 66)*		
23 05 66 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	867.68	53.11
23 05 66 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	878.95	57.48
23 05 66 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	901.28	60.92
23 05 66 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	911.76	65.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	934.88	68.97
23 05 66 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	951.67	72.42
23 05 66 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	974.00	77.02
23 05 66 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	989.96	53.11
23 05 66 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	1,001.23	57.48
23 05 66 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	1,023.55	60.92
23 05 66 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	1,034.04	65.52
23 05 66 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	1,057.16	68.97
23 05 66 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	1,073.95	72.42
23 05 66 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,096.28	77.02
23 05 66 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	687.53	57.48
23 05 66 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	709.86	60.92
23 05 66 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	720.35	65.52
23 05 66 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	743.47	68.97
23 05 66 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	760.26	72.42
23 05 66 00-0028	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	782.59	77.02

23 05 66 00-0029 Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0030	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	628.45	73.57
23 05 66 00-0031	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	641.80	77.02
23 05 66 00-0032	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	655.14	80.47
23 05 66 00-0033	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	673.41	83.91
23 05 66 00-0034	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	697.30	88.17
23 05 66 00-0035	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	718.23	91.96

23 05 66 00-0036 Ultraviolet HVAC Microbial Control Replacement Parts *(23 05 66)*

23 05 66 00-0037	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	166.15	
23 05 66 00-0038	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	174.74	
23 05 66 00-0039	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	199.11	
23 05 66 00-0040	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	230.49	
23 05 66 00-0041	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	262.59	
23 05 66 00-0042	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	265.83	
23 05 66 00-0043	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	124.76	
23 05 66 00-0044	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	131.44	
23 05 66 00-0045	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	149.17	
23 05 66 00-0046	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	155.05	
23 05 66 00-0047	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	173.56	
23 05 66 00-0048	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	185.77	
23 05 66 00-0049	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	203.49	
23 05 66 00-0050	EA	Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	490.66	

23 05 66 00-0051 Ultraviolet HVAC Microbial Control Mounting Accessories *(23 05 66)*

23 05 66 00-0052	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	702.26	
23 05 66 00-0053	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	905.37	
23 05 66 00-0054	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	401.77	
23 05 66 00-0055	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	426.64	
23 05 66 00-0056	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	564.13	
23 05 66 00-0057	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	345.78	
23 05 66 00-0058	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	376.37	
23 05 66 00-0059	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	486.35	
23 05 66 00-0060	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	479.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0061	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	17.96	
23 05 66 00-0062	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	59.96	
23 05 66 00-0063	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	20.01	
23 05 66 00-0064	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	18.78	
23 05 66 00-0065	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	54.92	
23 05 66 00-0066	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	68.08	
23 05 66 00-0067	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	60.23	
23 05 66 00-0068	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	48.47	
23 05 66 00-0069	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	45.67	
23 05 66 00-0070	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	23.71	
23 05 66 00-0071	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	51.61	
23 05 66 00-0072	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	23.82	
23 05 66 00-0073	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	98.39	
23 05 66 00-0074	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	103.65	

23 05 66 00-0075 Ultraviolet Duct Disinfection Unit (eLEDLights) *(23 05 66)*

23 05 66 00-0076	EA	Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1)	1,453.65	106.33
23 05 66 00-0077	EA	Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1)	1,627.76	112.08
23 05 66 00-0078	EA	Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,687.80	120.70
23 05 66 00-0079	EA	Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,764.94	129.32
23 05 66 00-0080	EA	Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,816.43	137.94
23 05 66 00-0081	EA	Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,195.94	143.69
23 05 66 00-0082	EA	Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,208.03	112.08
23 05 66 00-0083	EA	Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,293.74	120.70
23 05 66 00-0084	EA	Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,653.32	129.32
23 05 66 00-0085	EA	Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,756.16	137.94

23 05 66 00-0086 Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV) *(23 05 66)*

Note: Includes 2 Year Warranty

23 05 66 00-0087	EA	Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218D-HO)	1,108.50	112.08
23 05 66 00-0088	EA	Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218Q-HO)	1,892.59	112.08
23 05 66 00-0089	EA	Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218H-HO)	2,677.73	112.08
23 05 66 00-0090	EA	Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224D-HO)	1,138.40	120.70
23 05 66 00-0091	EA	Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224Q-HO)	1,933.05	120.70
23 05 66 00-0092	EA	Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224H-HO)	2,728.74	120.70
23 05 66 00-0093	EA	Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232D-HO)	1,166.20	129.32
23 05 66 00-0094	EA	Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232Q-HO)	1,973.50	129.32
23 05 66 00-0095	EA	Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232H-HO)	2,779.75	129.32
23 05 66 00-0096	EA	Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246D-HO)	1,290.97	143.69
23 05 66 00-0097	EA	Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246Q-HO)	2,175.31	143.69
23 05 66 00-0098	EA	Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246H-HO)	3,059.65	143.69
23 05 66 00-0099	EA	Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260D-HO)	1,512.84	158.06
23 05 66 00-0100	EA	Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260Q-HO)	2,591.36	158.06
23 05 66 00-0101	EA	Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260H-HO)	3,668.82	158.06

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	532.28
		For Testing Of Unit Without Balancing, Deduct	*-266.14*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	665.09
		For Testing Of Unit Without Balancing, Deduct	*-332.55*
23 05 93 00-0004	EA	Balancing In Line Fan	598.82
		For Testing Of Unit Without Balancing, Deduct	*-299.41*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	133.07
		For Testing Of Unit Without Balancing, Deduct	*-66.54*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	399.17
		For Testing Of Unit Without Balancing, Deduct	*-199.59*
23 05 93 00-0007	EA	Balancing Wall Fan	99.78
		For Testing Of Unit Without Balancing, Deduct	*-49.89*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	531.44
		For Testing Of Unit Without Balancing, Deduct	*-265.72*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	892.33
		For Testing Of Unit Without Balancing, Deduct	*-446.17*
23 05 93 00-0011	EA	Balancing Package A/C Unit	334.62
		For Testing Of Unit Without Balancing, Deduct	*-167.31*
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	446.17
		For Testing Of Unit Without Balancing, Deduct	*-223.09*
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,561.58
		For Testing Of Unit Without Balancing, Deduct	*-780.79*

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	99.80	
		For Testing Of Unit Without Balancing, Deduct	*-49.90*	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	166.34	
		For Testing Of Unit Without Balancing, Deduct	*-83.17*	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	86.49	
		For Testing Of Unit Without Balancing, Deduct	*-43.25*	
23 05 93 00-0018	EA	Balance Variable Air Volume Box	93.71	
		For Testing Of Unit Without Balancing, Deduct	*-46.86*	
23 05 93 00-0019	EA	Balance Constant Volume Box	93.71	
		For Testing Of Unit Without Balancing, Deduct	*-46.86*	
23 05 93 00-0020	EA	Balance Fan Powered Box	106.46	
		For Testing Of Unit Without Balancing, Deduct	*-53.23*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	432.49	
		For Testing Of Unit Without Balancing, Deduct	*-216.25*	
23 05 93 00-0022	EA	Balance General Hood	332.68	
		For Testing Of Unit Without Balancing, Deduct	*-166.34*	
23 05 93 00-0023	EA	Balance Induction Unit	199.61	
		For Testing Of Unit Without Balancing, Deduct	*-99.81*	
23 05 93 00-0024	EA	Balance Moduline - Master	79.81	
		For Testing Of Unit Without Balancing, Deduct	*-39.91*	
23 05 93 00-0025	EA	Balance Moduline - Slave	39.92	
		For Testing Of Unit Without Balancing, Deduct	*-19.96*	
23 05 93 00-0026	EA	Balance Dampers	37.07	
		For Testing Of Unit Without Balancing, Deduct	*-18.54*	
23 05 93 00-0027	EA	Balance Regenerators	531.44	
		For Testing Of Unit Without Balancing, Deduct	*-265.72*	

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air-Cool Condenser	613.54	
		For Testing Of Unit Without Balancing, Deduct	*-306.77*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	78.08	
		For Testing Of Unit Without Balancing, Deduct	*-39.04*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air-Cooled	669.20	
		For Testing Of Unit Without Balancing, Deduct	*-334.60*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	892.33	
		For Testing Of Unit Without Balancing, Deduct	*-446.17*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	446.17	
		For Testing Of Unit Without Balancing, Deduct	*-223.09*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	111.61	
		For Testing Of Unit Without Balancing, Deduct	*-55.81*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	111.54	
		For Testing Of Unit Without Balancing, Deduct	*-55.77*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	122.69	
		For Testing Of Unit Without Balancing, Deduct	*-61.35*	
23 05 93 00-0037	EA	Water Balance, Pumps	334.63	
		For Testing Of Unit Without Balancing, Deduct	*-167.32*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	78.08	
		For Testing Of Unit Without Balancing, Deduct	*-39.04*	
23 05 93 00-0039	EA	Water Balancing, Converter	334.76	
		For Testing Of Unit Without Balancing, Deduct	*-167.38*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	55.76	
		For Testing Of Unit Without Balancing, Deduct	*-27.88*	
23 05 93 00-0041	EA	Water Balance, Convector	66.91	
		For Testing Of Unit Without Balancing, Deduct	*-33.46*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	83.65	
		For Testing Of Unit Without Balancing, Deduct	*-41.83*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	725.03	
		For Testing Of Unit Without Balancing, Deduct	*-362.52*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,338.51	
		For Testing Of Unit Without Balancing, Deduct	*-669.26*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,453.93	
		For Testing Of Unit Without Balancing, Deduct	*-1,226.97*	

23 05 93 00-0046 Non-Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*

23 05 93 00-0049	EA	Minimum Set-up Charge For X-Ray Welds Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	930.58

23 05 93 00-0050 Piping, X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing	92.59	
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non-Destructive Testing	105.35	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing	118.10	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non-Destructive Testing	124.82	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non-Destructive Testing	131.52	
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non-Destructive Testing	138.87	
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non-Destructive Testing	152.29	
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non-Destructive Testing	165.70	
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non-Destructive Testing	173.07	
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non-Destructive Testing	182.95	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0061		Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0061)*		
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	79.24	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	85.29	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	91.34	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	94.38	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	98.91	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	103.46	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	112.54	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	121.62	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	130.70	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	139.78	
23 05 93 00-0073		Hydrostatic Testing *(23 05 93 00-0046)* Note: Includes flushing and restoring of system.		
23 05 93 00-0074		Piping, Hydrostatic Testing *(23 05 93 00-0073)*		
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	796.58	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,137.96	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,363.51	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,816.20	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,751.81	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	1,059.12	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,513.50	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,801.78	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,361.04	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,571.84	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,380.31	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,967.54	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	2,077.18	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,721.27	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	4,116.78	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,791.99	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,554.77	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,700.87	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,542.47	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	5,367.39	
23 05 93 00-0095		Pneumatic Testing *(23 05 93 00-0046)* Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing With Inert Gas *(23 05 93 00-0095)*		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	905.18	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,291.97	
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,395.45	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,786.45	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,793.25	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,181.18	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,677.67	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,814.01	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,323.00	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	3,630.97	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,422.94	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,008.64	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,272.15	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,901.88	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	4,542.46	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,852.69	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,611.30	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,954.51	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,772.82	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	5,913.97	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	1,061.53	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	103.89	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,629.77	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,235.90	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.

23 07 13 00-0002 Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.16	2.34
		For Plain Blanket, With No Facing, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*0.94*	
23 07 13 00-0004	SF	1-1/2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.85	2.34
		For Plain Blanket, With No Facing, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*1.10*	
23 07 13 00-0005	SF	2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.48	3.51
		For Plain Blanket, With No Facing, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*1.25*	
23 07 13 00-0006	SF	3" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.50	4.09
		For Plain Blanket, With No Facing, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*1.47*	
23 07 13 00-0007	SF	4" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	7.80	4.45
		For Plain Blanket, With No Facing, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*1.58*	

23 07 13 00-0008 Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0009	SF	1" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.09	3.51
		For Plain Blanket, With No Facing, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*1.17*	
23 07 13 00-0010	SF	1-1/2" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.95	4.09
		For Plain Blanket, With No Facing, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*1.35*	
23 07 13 00-0011	SF	2" Thick, Type 100, 1.0 Lb./CF, Fiber Glass FSK Duct Wrap Insulation	7.02	4.68
		For Plain Blanket, With No Facing, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.59*	

23 07 13 00-0012 Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0013	SF	1" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.72	4.68
		For Plain Blanket, With No Facing, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*1.41*	
23 07 13 00-0014	SF	1-1/2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	8.89	5.26
		For Plain Blanket, With No Facing, Deduct	*-1.41*	
		For Work In Restricted Working Space, Add	*1.61*	
23 07 13 00-0015	SF	2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	10.38	5.85
		For Plain Blanket, With No Facing, Deduct	*-1.66*	
		For Work In Restricted Working Space, Add	*1.87*	

23 07 13 00-0016 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	11.14	6.53
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*25.46*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*18.93*	
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*15.59*	
		For Work In Restricted Working Space, Add	*3.12*	
23 07 13 00-0018	SF	1-1/2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	14.39	7.95
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*31.56*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*23.87*	
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*19.55*	
		For Work In Restricted Working Space, Add	*3.79*	
23 07 13 00-0019	SF	2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	18.00	9.59
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*38.53*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*29.44*	
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*24.04*	
		For Work In Restricted Working Space, Add	*4.58*	

23 07 13 00-0020 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.

23 07 13 00-0021	SF	1" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	12.54	7.18
		For Work In Restricted Working Space, Add	*3.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0022	SF	1-1/2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	16.39	8.74
		For Work In Restricted Working Space, Add	*4.17*	
23 07 13 00-0023	SF	2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	21.13	10.55
		For Work In Restricted Working Space, Add	*5.03*	

23 07 13 00-0024 Sheet Flexible Elastomeric Insulation *(23 07 13)*

23 07 13 00-0025	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	9.52	3.16
23 07 13 00-0026	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	10.18	3.33
23 07 13 00-0027	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	13.38	3.51
23 07 13 00-0028	SF	1" Thick, Sheet Flexible Elastomeric Insulation	15.42	3.69
23 07 13 00-0029	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	21.38	4.03
23 07 13 00-0030	SF	2" Thick, Sheet Flexible Elastomeric Insulation	25.29	4.38

23 07 13 00-0031 Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*

Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.

23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.13	3.33
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.55	3.51
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.32	3.69
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	27.07	4.03
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	32.09	4.38

23 07 13 00-0037 Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*

Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.

23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.95	3.33
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	18.36	3.51
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	20.63	3.69
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	30.34	4.03

23 07 13 00-0042 Fully Foil Encapsulated Pyroscat DuctWrap XL Insulation *(23 07 13)*

Note: Fire rated insulation. Includes stainless steel bands.

23 07 13 00-0043	SF	1-1/2", 6 Lb./CF, Fully Foil Encapsulated Pyroscat DuctWrap XL Insulation	18.52	5.26
		For Work In Restricted Working Space, Add	*1.61*	
23 07 13 00-0044	SF	Two Layers, 1-1/2", 6 Lb./CF, Fully Foil Encapsulated Pyroscat DuctWrap XL Insulation	34.14	8.58
		For Work In Restricted Working Space, Add	*2.57*	

23 07 16 HVAC Equipment Insulation *(23 07)*

23 07 16 00-0001 Calcium Silicate Block Insulation *(23 07 16)*

23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	19.65	7.85
		For Work In Restricted Working Space, Add	*4.71*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	23.59	8.83
		For Work In Restricted Working Space, Add	*5.30*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	28.36	10.17
		For Work In Restricted Working Space, Add	*6.13*	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	33.82	11.95
		For Work In Restricted Working Space, Add	*7.17*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	41.31	14.71
		For Work In Restricted Working Space, Add	*8.83*	

23 07 19 HVAC Piping Insulation *(23 07)*

See CSI section 22 07 19 00-0000 for pipe insulation.

23 07 19 00-0001 Calcium Silicate Pipe Insulation *(23 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0594 for protective jacketing.

23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.95	3.84
		For Work In Restricted Working Space, Add	*2.88*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.95	3.84
		For Work In Restricted Working Space, Add	*2.88*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.90	3.90
		For Work In Restricted Working Space, Add	*2.93*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.12	3.95
		For Work In Restricted Working Space, Add	*2.97*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.30	4.01
		For Work In Restricted Working Space, Add	*3.01*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.22	4.12
		For Work In Restricted Working Space, Add	*3.09*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.92	4.29
		For Work In Restricted Working Space, Add	*3.22*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.59	4.40
		For Work In Restricted Working Space, Add	*3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	18.83	4.74
		For Work In Restricted Working Space, Add	*3.55*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	21.00	5.34
		For Work In Restricted Working Space, Add	*4.01*	
23 07 19 00-0013		1-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.59	4.00
		For Work In Restricted Working Space, Add	*3.00*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.67	4.00
		For Work In Restricted Working Space, Add	*3.00*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.70	4.24
		For Work In Restricted Working Space, Add	*3.18*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.29	4.32
		For Work In Restricted Working Space, Add	*3.24*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.90	4.40
		For Work In Restricted Working Space, Add	*3.30*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.10	4.65
		For Work In Restricted Working Space, Add	*3.49*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.89	4.73
		For Work In Restricted Working Space, Add	*3.54*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	19.61	4.89
		For Work In Restricted Working Space, Add	*3.66*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	21.77	5.28
		For Work In Restricted Working Space, Add	*3.96*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	25.28	6.16
		For Work In Restricted Working Space, Add	*4.63*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	29.34	6.51
		For Work In Restricted Working Space, Add	*4.88*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	36.77	7.79
		For Work In Restricted Working Space, Add	*5.84*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	43.19	9.07
		For Work In Restricted Working Space, Add	*6.80*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	48.04	9.94
		For Work In Restricted Working Space, Add	*7.46*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	57.59	12.66
		For Work In Restricted Working Space, Add	*9.49*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	61.91	13.29
		For Work In Restricted Working Space, Add	*9.97*	
23 07 19 00-0030		2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.25	4.40
		For Work In Restricted Working Space, Add	*3.30*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.64	4.40
		For Work In Restricted Working Space, Add	*3.30*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.19	4.46
		For Work In Restricted Working Space, Add	*3.34*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.91	4.52
		For Work In Restricted Working Space, Add	*3.38*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.42	4.57
		For Work In Restricted Working Space, Add	*3.43*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	21.29	4.74
		For Work In Restricted Working Space, Add	*3.55*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.62	4.90
		For Work In Restricted Working Space, Add	*3.68*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	24.07	5.07
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	26.56	5.34
		For Work In Restricted Working Space, Add	*4.01*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	32.49	6.42
		For Work In Restricted Working Space, Add	*4.81*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	36.53	6.77
		For Work In Restricted Working Space, Add	*5.08*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	44.88	8.10
		For Work In Restricted Working Space, Add	*6.08*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	51.62	9.71
		For Work In Restricted Working Space, Add	*7.28*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	63.92	13.54
		For Work In Restricted Working Space, Add	*10.16*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	66.99	13.54
		For Work In Restricted Working Space, Add	*10.16*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	71.70	14.21
		For Work In Restricted Working Space, Add	*10.66*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	85.15	16.26
		For Work In Restricted Working Space, Add	*12.19*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	99.49	19.63
		For Work In Restricted Working Space, Add	*14.73*	
23 07 19 00-0049		2-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.80	5.07
		For Work In Restricted Working Space, Add	*3.81*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.21	5.07
		For Work In Restricted Working Space, Add	*3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.60	5.15
		For Work In Restricted Working Space, Add	*3.87*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.81	5.19
		For Work In Restricted Working Space, Add	*3.90*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.35	5.23
		For Work In Restricted Working Space, Add	*3.92*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.34	5.46
		For Work In Restricted Working Space, Add	*4.09*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	27.15	5.64
		For Work In Restricted Working Space, Add	*4.23*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	27.65	5.84
		For Work In Restricted Working Space, Add	*4.38*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	31.69	6.15
		For Work In Restricted Working Space, Add	*4.62*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	39.18	6.99
		For Work In Restricted Working Space, Add	*5.25*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	44.63	7.80
		For Work In Restricted Working Space, Add	*5.85*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	53.17	8.99
		For Work In Restricted Working Space, Add	*6.74*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	62.17	11.17
		For Work In Restricted Working Space, Add	*8.38*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	68.70	12.20
		For Work In Restricted Working Space, Add	*9.15*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	83.74	15.60
		For Work In Restricted Working Space, Add	*11.70*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	88.39	16.38
		For Work In Restricted Working Space, Add	*12.28*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	102.43	18.72
		For Work In Restricted Working Space, Add	*14.04*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	120.60	22.62
		For Work In Restricted Working Space, Add	*16.96*	

23 07 19 00-0068 3" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.17	5.62
		For Work In Restricted Working Space, Add	*4.21*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.26	5.62
		For Work In Restricted Working Space, Add	*4.21*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.51	5.68
		For Work In Restricted Working Space, Add	*4.26*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.80	5.72
		For Work In Restricted Working Space, Add	*4.29*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	28.06	5.78
		For Work In Restricted Working Space, Add	*4.33*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.02	5.99
		For Work In Restricted Working Space, Add	*4.49*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.02	6.19
		For Work In Restricted Working Space, Add	*4.65*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.70	6.42
		For Work In Restricted Working Space, Add	*4.81*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	38.22	6.78
		For Work In Restricted Working Space, Add	*5.08*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	45.19	7.69
		For Work In Restricted Working Space, Add	*5.77*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	52.34	8.58
		For Work In Restricted Working Space, Add	*6.43*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	62.05	9.89
		For Work In Restricted Working Space, Add	*7.42*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	72.03	12.29
		For Work In Restricted Working Space, Add	*9.22*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	79.86	13.43
		For Work In Restricted Working Space, Add	*10.07*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	94.05	17.15
		For Work In Restricted Working Space, Add	*12.87*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	101.21	18.01
		For Work In Restricted Working Space, Add	*13.51*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	118.30	20.60
		For Work In Restricted Working Space, Add	*15.45*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	140.15	24.88
		For Work In Restricted Working Space, Add	*18.66*	

23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	34.23	6.15
		For Work In Restricted Working Space, Add	*4.62*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.42	6.15
		For Work In Restricted Working Space, Add	*4.62*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.52	6.19
		For Work In Restricted Working Space, Add	*4.65*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.62	6.23
		For Work In Restricted Working Space, Add	*4.68*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	36.68	6.31
		For Work In Restricted Working Space, Add	*4.73*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	38.86	6.53
		For Work In Restricted Working Space, Add	*4.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.06	6.76
		For Work In Restricted Working Space, Add	*5.07*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	43.56	6.99
		For Work In Restricted Working Space, Add	*5.25*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	49.38	7.40
		For Work In Restricted Working Space, Add	*5.55*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	55.15	8.40
		For Work In Restricted Working Space, Add	*6.29*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	66.81	9.36
		For Work In Restricted Working Space, Add	*7.01*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	80.95	10.79
		For Work In Restricted Working Space, Add	*8.09*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	98.14	13.42
		For Work In Restricted Working Space, Add	*10.06*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	103.61	14.64
		For Work In Restricted Working Space, Add	*10.98*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	121.49	18.72
		For Work In Restricted Working Space, Add	*14.04*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	138.80	19.65
		For Work In Restricted Working Space, Add	*14.74*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	150.30	22.48
		For Work In Restricted Working Space, Add	*16.86*	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.38	6.84
		For Work In Restricted Working Space, Add	*5.12*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.42	6.84
		For Work In Restricted Working Space, Add	*5.12*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.73	6.95
		For Work In Restricted Working Space, Add	*5.22*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	43.86	7.03
		For Work In Restricted Working Space, Add	*5.28*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	46.37	7.25
		For Work In Restricted Working Space, Add	*5.44*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	47.35	7.48
		For Work In Restricted Working Space, Add	*5.61*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	51.48	7.60
		For Work In Restricted Working Space, Add	*5.70*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	53.00	7.88
		For Work In Restricted Working Space, Add	*5.91*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	59.91	8.31
		For Work In Restricted Working Space, Add	*6.23*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	69.23	9.44
		For Work In Restricted Working Space, Add	*7.07*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	82.19	10.52
		For Work In Restricted Working Space, Add	*7.89*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	94.66	12.15
		For Work In Restricted Working Space, Add	*9.11*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	108.30	15.09
		For Work In Restricted Working Space, Add	*11.32*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	115.36	16.49
		For Work In Restricted Working Space, Add	*12.36*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	137.24	21.07
		For Work In Restricted Working Space, Add	*15.81*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	145.82	22.08
		For Work In Restricted Working Space, Add	*16.57*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	161.71	25.28
		For Work In Restricted Working Space, Add	*18.96*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	6.07	
		For Work In Restricted Working Space, Add	*1.09*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	843.37	15.62
23 09 23 11-0003	EA	3/4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	870.15	21.06
23 09 23 11-0004	EA	1" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	951.32	25.49
23 09 23 11-0005	EA	1-1/4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	1,036.24	32.29
23 09 23 11-0006	EA	1-1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,180.17	37.26
23 09 23 11-0007	EA	2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,333.01	44.03
23 09 23 11-0008	EA	2-1/2" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,490.64	88.06
23 09 23 11-0009	EA	3" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,696.88	103.05
23 09 23 11-0010	EA	4" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,635.09	151.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0011	EA	5" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,348.60	218.72
23 09 23 11-0012	EA	6" Diameter, 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,924.42	242.16
23 09 23 11-0013	EA	1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	904.55	23.43
23 09 23 11-0014	EA	3/4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	929.31	31.59
23 09 23 11-0015	EA	1" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	1,005.10	38.24
23 09 23 11-0016	EA	1-1/4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,111.70	48.43
23 09 23 11-0017	EA	1-1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,430.56	55.88
23 09 23 11-0018	EA	2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,585.26	66.05
23 09 23 11-0019	EA	2-1/2" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,793.57	132.09
23 09 23 11-0020	EA	3" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	3,066.76	154.57
23 09 23 11-0021	EA	4" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	4,461.93	227.03
23 09 23 11-0022	EA	5" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	6,472.38	328.09
23 09 23 11-0023	EA	6" Diameter, 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	7,195.83	363.23
23 09 23 11-0024	EA	1/2" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	141.43	15.62
23 09 23 11-0025	EA	3/4" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	166.51	21.06
23 09 23 11-0026	EA	1" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	209.89	25.49
23 09 23 11-0027	EA	1/2" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	172.45	23.43
23 09 23 11-0028	EA	3/4" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	201.04	31.59
23 09 23 11-0029	EA	1" Diameter, Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	251.60	38.24
23 09 23 11-0030	EA	1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	236.66	15.62
23 09 23 11-0031	EA	3/4" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	280.25	21.06
23 09 23 11-0032	EA	1" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	318.57	25.49
23 09 23 11-0033	EA	1-1/4" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	414.60	32.29
23 09 23 11-0034	EA	1-1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	428.37	37.26
23 09 23 11-0035	EA	2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	546.16	44.03
23 09 23 11-0036	EA	2-1/2" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,174.10	88.06
23 09 23 11-0037	EA	3" Diameter, 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,378.53	103.05
23 09 23 11-0038	EA	1/2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	286.19	23.43
23 09 23 11-0039	EA	3/4" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	330.40	31.59
23 09 23 11-0040	EA	1" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	426.74	38.24
23 09 23 11-0041	EA	1-1/4" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	606.23	48.43
23 09 23 11-0042	EA	1-1/2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	638.47	55.88
23 09 23 11-0043	EA	2" Diameter, 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	847.19	66.05
23 09 23 11-0044	EA	2" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	688.32	80.72
23 09 23 11-0045	EA	2-1/2" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	722.34	88.06
23 09 23 11-0046	EA	3" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	951.29	103.05
23 09 23 11-0047	EA	4" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,450.43	172.97
23 09 23 11-0048	EA	5" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,937.14	218.72
23 09 23 11-0049	EA	6" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	3,097.26	242.16
23 09 23 11-0050	EA	8" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	4,220.14	276.76
23 09 23 11-0051	EA	10" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	5,177.81	339.02
23 09 23 11-0052	EA	12" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	6,400.13	410.94
23 09 23 11-0053	EA	14" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	7,108.25	484.32
23 09 23 11-0054	EA	16" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	9,415.22	532.76
23 09 23 11-0055	EA	18" Diameter, 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	11,418.36	591.84
23 09 23 11-0056	EA	2" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,275.74	121.08
23 09 23 11-0057	EA	2-1/2" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,504.25	132.09
23 09 23 11-0058	EA	3" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,858.23	154.57
23 09 23 11-0059	EA	4" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,375.30	259.46
23 09 23 11-0060	EA	5" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,893.58	328.09
23 09 23 11-0061	EA	6" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	5,063.23	363.23
23 09 23 11-0062	EA	8" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	6,388.87	415.17
23 09 23 11-0063	EA	10" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	8,462.74	508.53
23 09 23 11-0064	EA	12" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	10,286.68	616.40
23 09 23 11-0065	EA	14" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	16,086.58	726.48
23 09 23 11-0066	EA	16" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	17,938.94	799.12
23 09 23 11-0067	EA	18" Diameter, 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	27,659.14	887.76

23 09 23 11-0068 Valve Actuators *(23 09 23 11)*

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	475.20	100.04
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	482.66	100.04
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	599.91	100.04
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	544.68	100.04
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	555.58	100.04
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	627.14	100.04
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	764.13	100.04
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	780.89	100.04
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	821.28	100.04
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	582.80	100.04
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	667.55	100.04
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	591.69	100.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	602.61	100.04
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	606.69	100.04
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	680.96	100.04
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	712.99	100.04
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	730.01	100.04
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	726.62	100.04
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	737.52	100.04
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	736.83	100.04
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	807.50	100.04
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	986.23	100.04
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	644.16	100.04
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	775.01	100.04
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,801.17	100.04
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	2,024.66	100.04
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,438.26	100.04
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,767.37	100.04
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	3,283.18	100.04
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,874.64	100.04
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	5,234.69	100.04
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	6,399.18	100.04

23 09 23 11-0101 Rotork IQ Electric Valve Actuators *(23 09 23 11)*

23 09 23 11-0102 Rotork IQ2 Electric Valve Actuators *(23 09 23 11-0101)*

Note: 3 Phase, A, B1/B4, Z, or Z3 coupling designation. See CSI section 23 09 23 11-0156 for actuator mounting, 23 09 23 11-0161 for gearboxes, 23 09 23 11-0204 for gearboxes mounting.

23 09 23 11-0103 WT Enclosure *(23 09 23 11-0102)*

23 09 23 11-0104	EA	Rotork IQ10 Electric Valve Actuator, WT Enclosure	10,217.09	363.23
23 09 23 11-0105	EA	Rotork IQ12 Electric Valve Actuator, WT Enclosure	10,653.06	363.23
23 09 23 11-0106	EA	Rotork IQ18 Electric Valve Actuator, WT Enclosure	11,525.86	363.23
23 09 23 11-0107	EA	Rotork IQ20 Electric Valve Actuator, WT Enclosure	14,480.22	363.23
23 09 23 11-0108	EA	Rotork IQ25 Electric Valve Actuator, WT Enclosure	14,891.83	363.23
23 09 23 11-0109	EA	Rotork IQ35 Electric Valve Actuator, WT Enclosure	16,522.75	491.02
23 09 23 11-0110	EA	Rotork IQ40 Electric Valve Actuator, WT Enclosure	20,235.77	736.53
23 09 23 11-0111	EA	Rotork IQ70 Electric Valve Actuator, WT Enclosure	24,964.95	736.53
23 09 23 11-0112	EA	Rotork IQ90 Electric Valve Actuator, WT Enclosure	27,419.16	736.53
23 09 23 11-0113	EA	Rotork IQ91 Electric Valve Actuator, WT Enclosure	39,898.27	1,104.78
23 09 23 11-0114	EA	Rotork IQ95 Electric Valve Actuator, WT Enclosure	32,367.43	1,104.78

23 09 23 11-0115 FM Enclosure *(23 09 23 11-0102)*

23 09 23 11-0116	EA	Rotork IQ10 Electric Valve Actuator, FM Enclosure	11,040.33	363.23
23 09 23 11-0117	EA	Rotork IQ12 Electric Valve Actuator, FM Enclosure	11,507.27	363.23
23 09 23 11-0118	EA	Rotork IQ18 Electric Valve Actuator, FM Enclosure	12,423.81	363.23
23 09 23 11-0119	EA	Rotork IQ20 Electric Valve Actuator, FM Enclosure	15,628.23	363.23
23 09 23 11-0120	EA	Rotork IQ25 Electric Valve Actuator, FM Enclosure	16,064.19	363.23
23 09 23 11-0121	EA	Rotork IQ35 Electric Valve Actuator, FM Enclosure	17,890.38	491.02
23 09 23 11-0122	EA	Rotork IQ40 Electric Valve Actuator, FM Enclosure	22,017.23	736.53
23 09 23 11-0123	EA	Rotork IQ70 Electric Valve Actuator, FM Enclosure	27,076.15	736.53
23 09 23 11-0124	EA	Rotork IQ90 Electric Valve Actuator, FM Enclosure	29,669.79	736.53
23 09 23 11-0125	EA	Rotork IQ91 Electric Valve Actuator, FM Enclosure	42,947.79	1,104.78
23 09 23 11-0126	EA	Rotork IQ95 Electric Valve Actuator, FM Enclosure	34,961.07	1,104.78

23 09 23 11-0127 Rotork IQM And M Range Syncroset Electric Valve Actuators *(23 09 23 11-0101)*

Note: 3 Phase, A, B4, Z, or Z3 coupling designation. See CSI section 23 09 23 11-0156 for actuator mounting, 23 09 23 11-0161 for gearboxes, 23 09 23 11-0204 for gearboxes mounting.

23 09 23 11-0128 WT Enclosure *(23 09 23 11-0127)*

23 09 23 11-0129	EA	Rotork IQM10 Electric Valve Actuator, WT Enclosure	13,056.37	363.23
23 09 23 11-0130	EA	Rotork IQM12 Electric Valve Actuator, WT Enclosure	13,347.16	363.23
23 09 23 11-0131	EA	Rotork IQM20 Electric Valve Actuator, WT Enclosure	15,210.50	363.23
23 09 23 11-0132	EA	Rotork IQM25 Electric Valve Actuator, WT Enclosure	15,405.25	363.23
23 09 23 11-0133	EA	Rotork IQM35 Electric Valve Actuator, WT Enclosure	17,970.05	491.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0134		**FM Enclosure** *(23 09 23 11-0127)*		
23 09 23 11-0135	EA	Rotork IQM10 Electric Valve Actuator, FM Enclosure	14,924.14	363.23
23 09 23 11-0136	EA	Rotork IQM12 Electric Valve Actuator, FM Enclosure	15,223.25	363.23
23 09 23 11-0137	EA	Rotork IQM20 Electric Valve Actuator, FM Enclosure	17,252.57	363.23
23 09 23 11-0138	EA	Rotork IQM25 Electric Valve Actuator, FM Enclosure	17,416.34	363.23
23 09 23 11-0139	EA	Rotork IQM35 Electric Valve Actuator, FM Enclosure	20,380.01	491.02
23 09 23 11-0140		**Rotork IQT Electric Valve Actuators** *(23 09 23 11-0101)*		
		Note: 3 Phase, A, B4, Z, or Z3 coupling designation. See CSI section 23 09 23 11-0156 for actuator mounting, 23 09 23 11-0161 for gearboxes, 23 09 23 11-0204 for gearboxes mounting.		
23 09 23 11-0141		**WT Enclosure** *(23 09 23 11-0140)*		
23 09 23 11-0142	EA	Rotork IQT125 Electric Valve Actuator, WT Enclosure	9,263.29	363.23
23 09 23 11-0143	EA	Rotork IQT250 Electric Valve Actuator, WT Enclosure	9,451.40	363.23
23 09 23 11-0144	EA	Rotork IQT500 Electric Valve Actuator, WT Enclosure	9,714.74	363.23
23 09 23 11-0145	EA	Rotork IQT1000 Electric Valve Actuator, WT Enclosure	11,195.24	363.23
23 09 23 11-0146	EA	Rotork IQT2000 Electric Valve Actuator, WT Enclosure	11,952.09	363.23
23 09 23 11-0147		**FM Enclosure** *(23 09 23 11-0140)*		
23 09 23 11-0148	EA	Rotork IQT125 Electric Valve Actuator, FM Enclosure	10,097.59	363.23
23 09 23 11-0149	EA	Rotork IQT250 Electric Valve Actuator, FM Enclosure	9,887.36	363.23
23 09 23 11-0150	EA	Rotork IQT500 Electric Valve Actuator, FM Enclosure	10,551.26	363.23
23 09 23 11-0151	EA	Rotork IQT1000 Electric Valve Actuator, FM Enclosure	12,029.54	363.23
23 09 23 11-0152	EA	Rotork IQT2000 Electric Valve Actuator, FM Enclosure	13,109.48	363.23
23 09 23 11-0153		**Rotork Q Range Basic Actuators** *(23 09 23 11-0101)*		
		See CSI section 23 09 23 11-0156 for actuator mounting, 23 09 23 11-0161 for gearboxes, 23 09 23 11-0204 for gearboxes mounting.		
23 09 23 11-0154	EA	Rotork Q100 Standard Actuator	1,803.60	
23 09 23 11-0155	EA	Rotork Q300 Standard Actuator	2,655.60	
23 09 23 11-0156		**Rotork Actuator Mounting Kits** *(23 09 23 11-0101)*		
		Note: Mounting of Rotork actuators to valves, dampers or other equipment, including machining of actuator output device.		
23 09 23 11-0157	EA	Mounting Kit For Rotork Actuators (Up To IQ 18) Or Exeeco Gearboxes (Up To IW6 Or IB6) To Valves, Dampers And Other Equipment	1,073.30	
23 09 23 11-0158	EA	Mounting Kit For Rotork Actuators (IQ 20-25) Or Exeeco Gearboxes (Up To IW9 Or IB10) To Valves, Dampers And Other Equipment	1,637.62	
23 09 23 11-0159	EA	Mounting Kit For Rotork Actuators (IQ 35-40) Or Exeeco Gearboxes (Up to IW12 Or IB14) To Valves, Dampers And Other Equipment	2,146.61	
23 09 23 11-0160	EA	Mounting Kit For Rotork Actuators (IQ 70-90) Or Exeeco Gearboxes (Up To IS15 Or IS20) To Valves, Dampers And Other Equipment	2,717.56	
23 09 23 11-0161		**Rotork "Exeeco" Fitted Gearboxes** *(23 09 23 11-0101)*		
		See CSI section 23 09 23 11-0204 for mounting.		
23 09 23 11-0162	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB2	3,106.72	484.32
23 09 23 11-0163	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB3	3,394.42	484.32
23 09 23 11-0164	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA10, IB4	2,728.30	484.32
23 09 23 11-0165	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB4	2,730.52	484.32
23 09 23 11-0166	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA10, IB5	3,015.99	484.32
23 09 23 11-0167	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB5	3,093.45	484.32
23 09 23 11-0168	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB6	3,733.00	484.32
23 09 23 11-0169	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB6	3,876.85	484.32
23 09 23 11-0170	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB7	4,244.21	484.32
23 09 23 11-0171	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB7	4,385.84	484.32
23 09 23 11-0172	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB8	5,918.57	476.80
23 09 23 11-0173	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB8	6,062.41	476.80
23 09 23 11-0174	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB8	6,232.81	476.80
23 09 23 11-0175	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB9	6,726.31	476.80
23 09 23 11-0176	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB9	6,870.16	476.80
23 09 23 11-0177	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB9	7,040.56	476.80
23 09 23 11-0178	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB10	8,148.96	595.99
23 09 23 11-0179	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB10	8,345.92	595.99
23 09 23 11-0180	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB10	8,410.09	595.99
23 09 23 11-0181	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA14, IB11	9,976.90	595.99
23 09 23 11-0182	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB11	10,173.85	595.99
23 09 23 11-0183	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB11	10,238.03	595.99
23 09 23 11-0184	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB12	12,508.57	595.99
23 09 23 11-0185	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB12	12,756.43	595.99
23 09 23 11-0186	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB13	16,031.67	595.99
23 09 23 11-0187	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB13	16,279.52	595.99
23 09 23 11-0188	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA16, IB14	31,077.61	715.19
23 09 23 11-0189	EA	Rotork Exeeco Fitted Gearbox, Bevel, FA25, IB14	31,325.47	715.19
23 09 23 11-0190	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW3	1,746.37	363.23
23 09 23 11-0191	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW4	2,295.20	363.23
23 09 23 11-0192	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW5	2,987.22	363.23
23 09 23 11-0193	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW52	3,640.06	363.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0194	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW6	4,425.67	363.23
23 09 23 11-0195	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW63	6,215.92	736.53
23 09 23 11-0196	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW7	7,430.85	736.53
23 09 23 11-0197	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW72	8,944.55	736.53
23 09 23 11-0198	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW8	11,202.25	920.65
23 09 23 11-0199	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW82	13,432.95	1,104.78
23 09 23 11-0200	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW9	17,037.93	1,104.78
23 09 23 11-0201	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW10	22,675.80	1,473.05
23 09 23 11-0202	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW11	29,029.33	1,473.05
23 09 23 11-0203	EA	Rotork Exeeco Fitted Gearbox, Quadrant Worm, IW12	74,019.62	1,473.05
23 09 23 11-0204		Mounting Rotork Actuator To Exeeco Gearbox Mounting *(23 09 23 11-0101)*		
23 09 23 11-0205	EA	Mounting of Rotork Actuators (IQ 10-18) to Exeeco Gearboxes (IW3-IW6 or IB3 to IB6)	734.72	
23 09 23 11-0206	EA	Mounting of Rotork Actuators (IQ 10-18) to Exeeco Gearboxes (IW7-IW12 or IB7 to IB7)	860.86	
23 09 23 11-0207	EA	Mounting of Rotork Actuators (IQ 20-25) to Exeeco Gearboxes (IW6-IW12 or IB6 to IB11)	1,155.19	
23 09 23 11-0208	EA	Mounting of Rotork Actuators (IQ 35-40) to Exeeco Gearboxes (IW6-IW12 or IB6 to IB14)	1,323.37	
23 09 23 11-0209	EA	Mounting of Rotork Actuators (IQ 70-95) to Exeeco Gearboxes (IB10-IB14)	1,715.08	
23 09 23 11-0210		Electro-Hydraulic Valve Actuators *(23 09 23 11)* Note: Actuators only.		
23 09 23 11-0211		Electro-Hydraulic Rotary Actuators, Model 2000 *(23 09 23 11-0210)* Note: Fail set (fail in last position), 90 degree valve torque, NEMA 6P/7 actuator enclosure, 316 stainless steel components (base plate, actuator enclosure fittings and tubing), positive displacement gear pump, hand pump included. Trident Actuator Company.		
23 09 23 11-0212	EA	Valve Torque To 13,000 Lb. (Maximum)	45,595.67	1,210.80
		For 316 Stainless Steel Coupling, Add	*1,080.00*	
23 09 23 11-0213	EA	Valve Torque To 45,000 Lb. (Maximum)	74,983.79	1,513.50
		For 316 Stainless Steel Coupling, Add	*1,200.00*	
23 09 23 11-0214	EA	Valve Torque To 90,000 Lb. (Maximum)	147,543.08	1,814.75
		For 316 Stainless Steel Coupling, Add	*1,440.00*	
23 09 23 11-0215		Electro-Hydraulic Linear Actuators, Model 3000 *(23 09 23 11-0210)* Note: Fail set (fail in last position), NEMA 6P/7 actuator enclosure, 316 stainless steel components (base plate, actuator enclosure fittings and tubing), positive displacement gear pump. Trident Actuator Company.		
23 09 23 11-0216	EA	Linear Actuator Stroke To 24" (Maximum)	74,378.39	1,210.80
		For 316 Stainless Steel Coupling, Add	*1,440.00*	
23 09 23 11-0217	EA	Linear Actuator Stroke To 36" (Maximum)	96,570.83	1,513.50
		For 316 Stainless Steel Coupling, Add	*1,440.00*	
23 09 23 11-0218	EA	Linear Actuator Stroke To 48" (Maximum)	125,956.04	1,814.75
		For 316 Stainless Steel Coupling, Add	*1,920.00*	
23 09 23 11-0219	EA	Linear Actuator Stroke To 62" (Maximum)	162,544.44	2,119.75
		For 316 Stainless Steel Coupling, Add	*1,920.00*	
23 09 23 11-0220		Electro-Hydraulic Valve Actuators, Model 2500 *(23 09 23 11-0210)* Note: Fail safe, 90 degree valve torque, NEMA 6P/7 actuator enclosure, 316 stainless steel components (base plate, actuator enclosure fittings and tubing), positive displacement gear pump, hand pump included. Trident Actuator Company.		
23 09 23 11-0221	EA	Valve Torque To 13,000 Lb. (Maximum)	59,987.03	1,210.80
		For 316 Stainless Steel Coupling, Add	*1,080.00*	
23 09 23 11-0222	EA	Valve Torque To 45,000 Lb. (Maximum)	98,729.53	1,513.50
		For 316 Stainless Steel Coupling, Add	*1,200.00*	
23 09 23 11-0223	EA	Valve Torque To 90,000 Lb. (Maximum)	197,912.84	1,814.75
		For 316 Stainless Steel Coupling, Add	*1,440.00*	
23 09 23 11-0224		Electro-Hydraulic Linear Actuators, Model 3500 *(23 09 23 11-0210)* Note: Fail safe, 90 degree valve torque, NEMA 6P/7 actuator enclosure, 316 stainless steel components (base plate, actuator enclosure fittings and tubing), positive displacement gear pump. Trident Actuator Company.		
23 09 23 11-0225	EA	Linear Actuator Stroke To 24" (Maximum)	99,563.27	1,210.80
		For 316 Stainless Steel Coupling, Add	*1,080.00*	
23 09 23 11-0226	EA	Linear Actuator Stroke To 36" (Maximum)	128,951.39	1,513.50
		For 316 Stainless Steel Coupling, Add	*1,200.00*	
23 09 23 11-0227	EA	Linear Actuator Stroke To 48" (Maximum)	176,325.80	1,814.75
		For 316 Stainless Steel Coupling, Add	*1,200.00*	
23 09 23 11-0228	EA	Linear Actuator Stroke To 62" (Maximum)	212,914.20	2,119.75
		For 316 Stainless Steel Coupling, Add	*1,920.00*	
23 09 23 11-0229		Electro-Hydraulic Accessories Trident Actuator Company *(23 09 23 11-0210)*		
23 09 23 11-0230	EA	NEMA 4X Controller, With Push Button (For Model 2000 And 3000)	35,991.75	726.24
23 09 23 11-0231	EA	NEMA 4X Controller, With Push Button (For Model 2500 And 3500)	41,184.97	726.24
23 09 23 11-0232	EA	AB 500 Touch Screen (For Model 2000 And 3000)	11,560.24	151.35
23 09 23 11-0233	EA	AB 500 Touch Screen (For Model 2500 And 3500)	13,546.86	151.35
23 09 23 12		**Control Dampers** *(23 09 23)*		
23 09 23 12-0001		Rectangular Volume Control Dampers (Ruskin) *(23 09 23 12)* Note: Excludes actuators.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0002		Rectangular Volume Control Dampers (Ruskin CD36) *(23 09 23 12-0001)*		
23 09 23 12-0003	EA	8" x 8" Volume Control Damper (Ruskin CD36)	191.07	49.91
23 09 23 12-0004	EA	8" x 12" Volume Control Damper (Ruskin CD36)	204.11	49.91
23 09 23 12-0005	EA	8" x 16" Volume Control Damper (Ruskin CD36)	219.87	49.91
23 09 23 12-0006	EA	8" x 20" Volume Control Damper (Ruskin CD36)	289.54	66.53
23 09 23 12-0007	EA	8" x 24" Volume Control Damper (Ruskin CD36)	312.90	66.53
23 09 23 12-0008	EA	8" x 28" Volume Control Damper (Ruskin CD36)	325.94	66.53
23 09 23 12-0009	EA	8" x 32" Volume Control Damper (Ruskin CD36)	360.17	66.53
23 09 23 12-0010	EA	8" x 36" Volume Control Damper (Ruskin CD36)	427.12	83.17
23 09 23 12-0011	EA	12" x 8" Volume Control Damper (Ruskin CD36)	204.11	49.91
23 09 23 12-0012	EA	12" x 12" Volume Control Damper (Ruskin CD36)	211.72	49.91
23 09 23 12-0013	EA	12" x 16" Volume Control Damper (Ruskin CD36)	260.74	66.53
23 09 23 12-0014	EA	12" x 20" Volume Control Damper (Ruskin CD36)	297.14	66.53
23 09 23 12-0015	EA	12" x 24" Volume Control Damper (Ruskin CD36)	354.32	83.17
23 09 23 12-0016	EA	12" x 28" Volume Control Damper (Ruskin CD36)	367.36	83.17
23 09 23 12-0017	EA	12" x 32" Volume Control Damper (Ruskin CD36)	401.04	83.17
23 09 23 12-0018	EA	12" x 36" Volume Control Damper (Ruskin CD36)	467.99	99.80
23 09 23 12-0019	EA	16" x 8" Volume Control Damper (Ruskin CD36)	219.87	49.91
23 09 23 12-0020	EA	16" x 12" Volume Control Damper (Ruskin CD36)	271.07	66.53
23 09 23 12-0021	EA	16" x 16" Volume Control Damper (Ruskin CD36)	279.76	66.53
23 09 23 12-0022	EA	16" x 20" Volume Control Damper (Ruskin CD36)	338.56	83.17
23 09 23 12-0023	EA	16" x 24" Volume Control Damper (Ruskin CD36)	364.64	83.17
23 09 23 12-0024	EA	16" x 28" Volume Control Damper (Ruskin CD36)	415.83	99.80
23 09 23 12-0025	EA	16" x 32" Volume Control Damper (Ruskin CD36)	444.62	99.80
23 09 23 12-0026	EA	16" x 36" Volume Control Damper (Ruskin CD36)	476.14	99.80
23 09 23 12-0027	EA	20" x 8" Volume Control Damper (Ruskin CD36)	289.54	66.53
23 09 23 12-0028	EA	20" x 12" Volume Control Damper (Ruskin CD36)	255.85	66.53
23 09 23 12-0029	EA	20" x 16" Volume Control Damper (Ruskin CD36)	312.49	83.17
23 09 23 12-0030	EA	20" x 20" Volume Control Damper (Ruskin CD36)	346.17	83.17
23 09 23 12-0031	EA	20" x 24" Volume Control Damper (Ruskin CD36)	400.62	99.80
23 09 23 12-0032	EA	20" x 28" Volume Control Damper (Ruskin CD36)	431.59	99.80
23 09 23 12-0033	EA	20" x 32" Volume Control Damper (Ruskin CD36)	491.48	116.44
23 09 23 12-0034	EA	20" x 36" Volume Control Damper (Ruskin CD36)	519.73	116.44
23 09 23 12-0035	EA	24" x 8" Volume Control Damper (Ruskin CD36)	255.85	66.53
23 09 23 12-0036	EA	24" x 12" Volume Control Damper (Ruskin CD36)	296.73	83.17
23 09 23 12-0037	EA	24" x 16" Volume Control Damper (Ruskin CD36)	320.09	83.17
23 09 23 12-0038	EA	24" x 20" Volume Control Damper (Ruskin CD36)	389.75	99.80
23 09 23 12-0039	EA	24" x 24" Volume Control Damper (Ruskin CD36)	413.66	99.80
23 09 23 12-0040	EA	24" x 28" Volume Control Damper (Ruskin CD36)	475.18	116.44
23 09 23 12-0041	EA	24" x 32" Volume Control Damper (Ruskin CD36)	509.41	116.44
23 09 23 12-0042	EA	24" x 36" Volume Control Damper (Ruskin CD36)	535.48	116.44
23 09 23 12-0043	EA	28" x 8" Volume Control Damper (Ruskin CD36)	260.74	66.53
23 09 23 12-0044	EA	28" x 12" Volume Control Damper (Ruskin CD36)	302.16	83.17
23 09 23 12-0045	EA	28" x 16" Volume Control Damper (Ruskin CD36)	356.07	99.80
23 09 23 12-0046	EA	28" x 20" Volume Control Damper (Ruskin CD36)	397.90	99.80
23 09 23 12-0047	EA	28" x 24" Volume Control Damper (Ruskin CD36)	451.82	116.44
23 09 23 12-0048	EA	28" x 28" Volume Control Damper (Ruskin CD36)	483.33	116.44
23 09 23 12-0049	EA	28" x 32" Volume Control Damper (Ruskin CD36)	512.12	116.44
23 09 23 12-0050	EA	28" x 36" Volume Control Damper (Ruskin CD36)	551.24	116.44
23 09 23 12-0051	EA	32" x 8" Volume Control Damper (Ruskin CD36)	263.46	66.53
23 09 23 12-0052	EA	32" x 12" Volume Control Damper (Ruskin CD36)	304.34	83.17
23 09 23 12-0053	EA	32" x 16" Volume Control Damper (Ruskin CD36)	363.67	99.80
23 09 23 12-0054	EA	32" x 20" Volume Control Damper (Ruskin CD36)	433.89	116.44
23 09 23 12-0055	EA	32" x 24" Volume Control Damper (Ruskin CD36)	464.86	116.44
23 09 23 12-0056	EA	32" x 28" Volume Control Damper (Ruskin CD36)	493.65	116.44
23 09 23 12-0057	EA	32" x 32" Volume Control Damper (Ruskin CD36)	525.16	116.44
23 09 23 12-0058	EA	32" x 36" Volume Control Damper (Ruskin CD36)	594.83	133.07
23 09 23 12-0059	EA	36" x 8" Volume Control Damper (Ruskin CD36)	307.05	83.17
23 09 23 12-0060	EA	36" x 12" Volume Control Damper (Ruskin CD36)	348.46	99.80
23 09 23 12-0061	EA	36" x 16" Volume Control Damper (Ruskin CD36)	371.82	99.80
23 09 23 12-0062	EA	36" x 20" Volume Control Damper (Ruskin CD36)	441.49	116.44
23 09 23 12-0063	EA	36" x 24" Volume Control Damper (Ruskin CD36)	475.18	116.44
23 09 23 12-0064	EA	36" x 28" Volume Control Damper (Ruskin CD36)	509.41	116.44
23 09 23 12-0065	EA	36" x 32" Volume Control Damper (Ruskin CD36)	568.75	133.07
23 09 23 12-0066	EA	36" x 36" Volume Control Damper (Ruskin CD36)	605.15	133.07
23 09 23 12-0067	EA	36" x 40" Volume Control Damper (Ruskin CD36)	636.66	133.07
23 09 23 12-0068	EA	36" x 44" Volume Control Damper (Ruskin CD36)	670.35	133.07
23 09 23 12-0069	EA	36" x 48" Volume Control Damper (Ruskin CD36)	699.14	133.07
23 09 23 12-0070	EA	36" x 52" Volume Control Damper (Ruskin CD36)	732.83	133.07
23 09 23 12-0071	EA	36" x 56" Volume Control Damper (Ruskin CD36)	767.05	133.07
23 09 23 12-0072	EA	36" x 60" Volume Control Damper (Ruskin CD36)	795.31	133.07
23 09 23 12-0073	EA	36" x 64" Volume Control Damper (Ruskin CD36)	834.42	133.07
23 09 23 12-0074	EA	36" x 68" Volume Control Damper (Ruskin CD36)	899.19	149.71
23 09 23 12-0075	EA	36" x 72" Volume Control Damper (Ruskin CD36)	956.78	149.71
23 09 23 12-0076	EA	36" x 76" Volume Control Damper (Ruskin CD36)	1,132.81	149.71
23 09 23 12-0077	EA	36" x 80" Volume Control Damper (Ruskin CD36)	1,132.81	149.71
23 09 23 12-0078	EA	36" x 84" Volume Control Damper (Ruskin CD36)	1,208.87	149.71
23 09 23 12-0079	EA	40" x 40" Volume Control Damper (Ruskin CD36)	649.70	133.07
23 09 23 12-0080	EA	40" x 44" Volume Control Damper (Ruskin CD36)	683.39	133.07
23 09 23 12-0081	EA	40" x 48" Volume Control Damper (Ruskin CD36)	717.07	133.07
23 09 23 12-0082	EA	40" x 52" Volume Control Damper (Ruskin CD36)	754.02	133.07
23 09 23 12-0083	EA	40" x 56" Volume Control Damper (Ruskin CD36)	784.98	133.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0084	EA	40" x 60" Volume Control Damper (Ruskin CD36)	847.04	149.71
23 09 23 12-0085	EA	40" x 64" Volume Control Damper (Ruskin CD36)	886.15	149.71
23 09 23 12-0086	EA	40" x 68" Volume Control Damper (Ruskin CD36)	922.55	149.71
23 09 23 12-0087	EA	40" x 72" Volume Control Damper (Ruskin CD36)	977.43	149.71
23 09 23 12-0088	EA	40" x 76" Volume Control Damper (Ruskin CD36)	1,162.15	149.71
23 09 23 12-0089	EA	40" x 80" Volume Control Damper (Ruskin CD36)	1,162.15	149.71
23 09 23 12-0090	EA	40" x 84" Volume Control Damper (Ruskin CD36)	1,238.21	149.71
23 09 23 12-0091	EA	44" x 40" Volume Control Damper (Ruskin CD36)	664.92	133.07
23 09 23 12-0092	EA	44" x 44" Volume Control Damper (Ruskin CD36)	699.14	133.07
23 09 23 12-0093	EA	44" x 48" Volume Control Damper (Ruskin CD36)	732.83	133.07
23 09 23 12-0094	EA	44" x 52" Volume Control Damper (Ruskin CD36)	769.23	133.07
23 09 23 12-0095	EA	44" x 56" Volume Control Damper (Ruskin CD36)	834.00	149.71
23 09 23 12-0096	EA	44" x 60" Volume Control Damper (Ruskin CD36)	870.40	149.71
23 09 23 12-0097	EA	44" x 64" Volume Control Damper (Ruskin CD36)	904.63	149.71
23 09 23 12-0098	EA	44" x 68" Volume Control Damper (Ruskin CD36)	945.92	149.71
23 09 23 12-0099	EA	44" x 72" Volume Control Damper (Ruskin CD36)	1,000.79	149.71
23 09 23 12-0100	EA	44" x 76" Volume Control Damper (Ruskin CD36)	1,196.92	149.71
23 09 23 12-0101	EA	44" x 80" Volume Control Damper (Ruskin CD36)	1,196.92	149.71
23 09 23 12-0102	EA	44" x 84" Volume Control Damper (Ruskin CD36)	1,306.80	166.34
23 09 23 12-0103	EA	40" x 40" Volume Control Damper (Ruskin CD36)	649.70	133.07
23 09 23 12-0104	EA	40" x 44" Volume Control Damper (Ruskin CD36)	683.39	133.07
23 09 23 12-0105	EA	40" x 48" Volume Control Damper (Ruskin CD36)	717.07	133.07
23 09 23 12-0106	EA	40" x 52" Volume Control Damper (Ruskin CD36)	754.02	133.07
23 09 23 12-0107	EA	40" x 56" Volume Control Damper (Ruskin CD36)	784.98	133.07
23 09 23 12-0108	EA	40" x 60" Volume Control Damper (Ruskin CD36)	847.04	149.71
23 09 23 12-0109	EA	40" x 64" Volume Control Damper (Ruskin CD36)	886.15	149.71
23 09 23 12-0110	EA	40" x 68" Volume Control Damper (Ruskin CD36)	922.55	149.71
23 09 23 12-0111	EA	40" x 72" Volume Control Damper (Ruskin CD36)	977.43	149.71
23 09 23 12-0112	EA	40" x 76" Volume Control Damper (Ruskin CD36)	1,162.15	149.71
23 09 23 12-0113	EA	40" x 80" Volume Control Damper (Ruskin CD36)	1,162.15	149.71
23 09 23 12-0114	EA	40" x 84" Volume Control Damper (Ruskin CD36)	1,238.21	149.71
23 09 23 12-0115	EA	44" x 40" Volume Control Damper (Ruskin CD36)	664.92	133.07
23 09 23 12-0116	EA	44" x 44" Volume Control Damper (Ruskin CD36)	699.14	133.07
23 09 23 12-0117	EA	44" x 48" Volume Control Damper (Ruskin CD36)	732.83	133.07
23 09 23 12-0118	EA	44" x 52" Volume Control Damper (Ruskin CD36)	769.23	133.07
23 09 23 12-0119	EA	44" x 56" Volume Control Damper (Ruskin CD36)	834.00	149.71
23 09 23 12-0120	EA	44" x 60" Volume Control Damper (Ruskin CD36)	870.40	149.71
23 09 23 12-0121	EA	44" x 64" Volume Control Damper (Ruskin CD36)	904.63	149.71
23 09 23 12-0122	EA	44" x 68" Volume Control Damper (Ruskin CD36)	945.92	149.71
23 09 23 12-0123	EA	44" x 72" Volume Control Damper (Ruskin CD36)	1,000.79	149.71
23 09 23 12-0124	EA	44" x 76" Volume Control Damper (Ruskin CD36)	1,196.92	149.71
23 09 23 12-0125	EA	44" x 80" Volume Control Damper (Ruskin CD36)	1,196.92	149.71
23 09 23 12-0126	EA	44" x 84" Volume Control Damper (Ruskin CD36)	1,306.80	166.34
23 09 23 12-0127	EA	48" x 40" Volume Control Damper (Ruskin CD36)	680.67	133.07
23 09 23 12-0128	EA	48" x 44" Volume Control Damper (Ruskin CD36)	714.90	133.07
23 09 23 12-0129	EA	48" x 48" Volume Control Damper (Ruskin CD36)	751.30	133.07
23 09 23 12-0130	EA	48" x 52" Volume Control Damper (Ruskin CD36)	820.96	149.71
23 09 23 12-0131	EA	48" x 56" Volume Control Damper (Ruskin CD36)	854.64	149.71
23 09 23 12-0132	EA	48" x 60" Volume Control Damper (Ruskin CD36)	886.15	149.71
23 09 23 12-0133	EA	48" x 64" Volume Control Damper (Ruskin CD36)	925.27	149.71
23 09 23 12-0134	EA	48" x 68" Volume Control Damper (Ruskin CD36)	964.39	149.71
23 09 23 12-0135	EA	48" x 72" Volume Control Damper (Ruskin CD36)	1,026.87	149.71
23 09 23 12-0136	EA	48" x 76" Volume Control Damper (Ruskin CD36)	1,265.51	166.34
23 09 23 12-0137	EA	48" x 80" Volume Control Damper (Ruskin CD36)	1,265.51	166.34
23 09 23 12-0138	EA	48" x 84" Volume Control Damper (Ruskin CD36)	1,342.11	166.34
23 09 23 12-0139	EA	52" x 40" Volume Control Damper (Ruskin CD36)	1,048.48	133.07
23 09 23 12-0140	EA	52" x 44" Volume Control Damper (Ruskin CD36)	1,100.64	133.07
23 09 23 12-0141	EA	52" x 48" Volume Control Damper (Ruskin CD36)	1,214.85	149.71
23 09 23 12-0142	EA	52" x 52" Volume Control Damper (Ruskin CD36)	1,287.65	149.71
23 09 23 12-0143	EA	52" x 56" Volume Control Damper (Ruskin CD36)	1,339.80	149.71
23 09 23 12-0144	EA	52" x 60" Volume Control Damper (Ruskin CD36)	1,400.11	149.71
23 09 23 12-0145	EA	52" x 64" Volume Control Damper (Ruskin CD36)	1,478.34	149.71
23 09 23 12-0146	EA	52" x 68" Volume Control Damper (Ruskin CD36)	1,561.46	149.71
23 09 23 12-0147	EA	52" x 72" Volume Control Damper (Ruskin CD36)	1,694.17	166.34
23 09 23 12-0148	EA	52" x 76" Volume Control Damper (Ruskin CD36)	1,881.60	166.34
23 09 23 12-0149	EA	52" x 80" Volume Control Damper (Ruskin CD36)	1,882.15	166.34
23 09 23 12-0150	EA	52" x 84" Volume Control Damper (Ruskin CD36)	1,998.95	166.34
23 09 23 12-0151	EA	56" x 40" Volume Control Damper (Ruskin CD36)	1,058.80	133.07
23 09 23 12-0152	EA	56" x 44" Volume Control Damper (Ruskin CD36)	1,152.37	149.71
23 09 23 12-0153	EA	56" x 48" Volume Control Damper (Ruskin CD36)	1,230.60	149.71
23 09 23 12-0154	EA	56" x 52" Volume Control Damper (Ruskin CD36)	1,295.80	149.71
23 09 23 12-0155	EA	56" x 56" Volume Control Damper (Ruskin CD36)	1,355.56	149.71
23 09 23 12-0156	EA	56" x 60" Volume Control Damper (Ruskin CD36)	1,423.47	149.71
23 09 23 12-0157	EA	56" x 64" Volume Control Damper (Ruskin CD36)	1,498.99	149.71
23 09 23 12-0158	EA	56" x 68" Volume Control Damper (Ruskin CD36)	1,626.26	166.34
23 09 23 12-0159	EA	56" x 72" Volume Control Damper (Ruskin CD36)	1,730.57	166.34
23 09 23 12-0160	EA	56" x 76" Volume Control Damper (Ruskin CD36)	1,881.60	166.34
23 09 23 12-0161	EA	56" x 80" Volume Control Damper (Ruskin CD36)	1,881.60	166.34
23 09 23 12-0162	EA	56" x 84" Volume Control Damper (Ruskin CD36)	1,998.95	166.34
23 09 23 12-0163	EA	60" x 40" Volume Control Damper (Ruskin CD36)	1,107.82	149.71
23 09 23 12-0164	EA	60" x 44" Volume Control Damper (Ruskin CD36)	1,175.73	149.71
23 09 23 12-0165	EA	60" x 48" Volume Control Damper (Ruskin CD36)	1,251.25	149.71
23 09 23 12-0166	EA	60" x 52" Volume Control Damper (Ruskin CD36)	1,319.16	149.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0167	EA	60" x 56" Volume Control Damper (Ruskin CD36)	1,391.96	149.71
23 09 23 12-0168	EA	60" x 60" Volume Control Damper (Ruskin CD36)	1,446.83	149.71
23 09 23 12-0169	EA	60" x 64" Volume Control Damper (Ruskin CD36)	1,555.63	166.34
23 09 23 12-0170	EA	60" x 68" Volume Control Damper (Ruskin CD36)	1,646.90	166.34
23 09 23 12-0171	EA	60" x 72" Volume Control Damper (Ruskin CD36)	1,766.97	166.34
23 09 23 12-0172	EA	60" x 76" Volume Control Damper (Ruskin CD36)	1,940.28	166.34
23 09 23 12-0173	EA	60" x 80" Volume Control Damper (Ruskin CD36)	1,940.28	166.34
23 09 23 12-0174	EA	60" x 84" Volume Control Damper (Ruskin CD36)	2,092.94	166.34
23 09 23 12-0175	EA	64" x 40" Volume Control Damper (Ruskin CD36)	1,123.57	149.71
23 09 23 12-0176	EA	64" x 44" Volume Control Damper (Ruskin CD36)	1,199.09	149.71
23 09 23 12-0177	EA	64" x 48" Volume Control Damper (Ruskin CD36)	1,271.89	149.71
23 09 23 12-0178	EA	64" x 52" Volume Control Damper (Ruskin CD36)	1,337.09	149.71
23 09 23 12-0179	EA	64" x 56" Volume Control Damper (Ruskin CD36)	1,410.43	149.71
23 09 23 12-0180	EA	64" x 60" Volume Control Damper (Ruskin CD36)	1,503.47	166.34
23 09 23 12-0181	EA	64" x 64" Volume Control Damper (Ruskin CD36)	1,576.82	166.34
23 09 23 12-0182	EA	64" x 68" Volume Control Damper (Ruskin CD36)	1,665.37	166.34
23 09 23 12-0183	EA	64" x 72" Volume Control Damper (Ruskin CD36)	1,803.37	166.34
23 09 23 12-0184	EA	64" x 76" Volume Control Damper (Ruskin CD36)	1,940.28	166.34
23 09 23 12-0185	EA	64" x 80" Volume Control Damper (Ruskin CD36)	1,940.28	166.34
23 09 23 12-0186	EA	64" x 84" Volume Control Damper (Ruskin CD36)	2,126.21	182.97
23 09 23 12-0187	EA	66" x 40" Volume Control Damper (Ruskin CD36)	1,136.61	149.71
23 09 23 12-0188	EA	66" x 44" Volume Control Damper (Ruskin CD36)	1,214.85	149.71
23 09 23 12-0189	EA	66" x 48" Volume Control Damper (Ruskin CD36)	1,284.93	149.71
23 09 23 12-0190	EA	66" x 52" Volume Control Damper (Ruskin CD36)	1,355.56	149.71
23 09 23 12-0191	EA	66" x 56" Volume Control Damper (Ruskin CD36)	1,464.36	166.34
23 09 23 12-0192	EA	66" x 60" Volume Control Damper (Ruskin CD36)	1,526.83	166.34
23 09 23 12-0193	EA	66" x 64" Volume Control Damper (Ruskin CD36)	1,607.78	166.34
23 09 23 12-0194	EA	66" x 68" Volume Control Damper (Ruskin CD36)	1,688.73	166.34
23 09 23 12-0195	EA	66" x 72" Volume Control Damper (Ruskin CD36)	1,824.56	166.34
23 09 23 12-0196	EA	66" x 76" Volume Control Damper (Ruskin CD36)	1,998.95	166.34
23 09 23 12-0197	EA	66" x 80" Volume Control Damper (Ruskin CD36)	2,032.22	182.97
23 09 23 12-0198	EA	66" x 84" Volume Control Damper (Ruskin CD36)	2,184.89	182.97
23 09 23 12-0199	EA	72" x 40" Volume Control Damper (Ruskin CD36)	1,151.82	149.71
23 09 23 12-0200	EA	72" x 44" Volume Control Damper (Ruskin CD36)	1,230.60	149.71
23 09 23 12-0201	EA	72" x 48" Volume Control Damper (Ruskin CD36)	1,295.80	149.71
23 09 23 12-0202	EA	72" x 52" Volume Control Damper (Ruskin CD36)	1,407.31	166.34
23 09 23 12-0203	EA	72" x 56" Volume Control Damper (Ruskin CD36)	1,485.54	166.34
23 09 23 12-0204	EA	72" x 60" Volume Control Damper (Ruskin CD36)	1,550.74	166.34
23 09 23 12-0205	EA	72" x 64" Volume Control Damper (Ruskin CD36)	1,642.01	166.34
23 09 23 12-0206	EA	72" x 68" Volume Control Damper (Ruskin CD36)	1,712.10	166.34
23 09 23 12-0207	EA	72" x 72" Volume Control Damper (Ruskin CD36)	1,845.20	166.34
23 09 23 12-0208	EA	72" x 76" Volume Control Damper (Ruskin CD36)	2,032.22	182.97
23 09 23 12-0209	EA	72" x 80" Volume Control Damper (Ruskin CD36)	2,032.22	182.97
23 09 23 12-0210	EA	72" x 84" Volume Control Damper (Ruskin CD36)	2,184.89	182.97
23 09 23 12-0211	EA	76" x 40" Volume Control Damper (Ruskin CD36)	1,167.58	149.71
23 09 23 12-0212	EA	76" x 44" Volume Control Damper (Ruskin CD36)	1,243.64	149.71
23 09 23 12-0213	EA	76" x 48" Volume Control Damper (Ruskin CD36)	1,349.72	166.34
23 09 23 12-0214	EA	76" x 52" Volume Control Damper (Ruskin CD36)	1,427.95	166.34
23 09 23 12-0215	EA	76" x 56" Volume Control Damper (Ruskin CD36)	1,506.19	166.34
23 09 23 12-0216	EA	76" x 60" Volume Control Damper (Ruskin CD36)	1,571.38	166.34
23 09 23 12-0217	EA	76" x 64" Volume Control Damper (Ruskin CD36)	1,662.66	166.34
23 09 23 12-0218	EA	76" x 68" Volume Control Damper (Ruskin CD36)	1,751.21	166.34
23 09 23 12-0219	EA	76" x 72" Volume Control Damper (Ruskin CD36)	1,901.83	182.97
23 09 23 12-0220	EA	76" x 76" Volume Control Damper (Ruskin CD36)	2,090.90	182.97
23 09 23 12-0221	EA	76" x 80" Volume Control Damper (Ruskin CD36)	2,090.90	182.97
23 09 23 12-0222	EA	76" x 84" Volume Control Damper (Ruskin CD36)	2,243.56	182.97
23 09 23 12-0223	EA	80" x 40" Volume Control Damper (Ruskin CD36)	1,183.33	149.71
23 09 23 12-0224	EA	80" x 44" Volume Control Damper (Ruskin CD36)	1,258.85	149.71
23 09 23 12-0225	EA	80" x 48" Volume Control Damper (Ruskin CD36)	1,370.37	166.34
23 09 23 12-0226	EA	80" x 52" Volume Control Damper (Ruskin CD36)	1,456.75	166.34
23 09 23 12-0227	EA	80" x 56" Volume Control Damper (Ruskin CD36)	1,526.83	166.34
23 09 23 12-0228	EA	80" x 60" Volume Control Damper (Ruskin CD36)	1,592.03	166.34
23 09 23 12-0229	EA	80" x 64" Volume Control Damper (Ruskin CD36)	1,683.30	166.34
23 09 23 12-0230	EA	80" x 68" Volume Control Damper (Ruskin CD36)	1,800.24	182.97
23 09 23 12-0231	EA	80" x 72" Volume Control Damper (Ruskin CD36)	1,925.20	182.97
23 09 23 12-0232	EA	80" x 76" Volume Control Damper (Ruskin CD36)	2,090.90	182.97
23 09 23 12-0233	EA	80" x 80" Volume Control Damper (Ruskin CD36)	2,090.90	182.97
23 09 23 12-0234	EA	80" x 84" Volume Control Damper (Ruskin CD36)	2,243.56	182.97
23 09 23 12-0235	EA	84" x 40" Volume Control Damper (Ruskin CD36)	1,193.66	149.71
23 09 23 12-0236	EA	84" x 44" Volume Control Damper (Ruskin CD36)	1,305.17	166.34
23 09 23 12-0237	EA	84" x 48" Volume Control Damper (Ruskin CD36)	1,391.55	166.34
23 09 23 12-0238	EA	84" x 52" Volume Control Damper (Ruskin CD36)	1,485.54	166.34
23 09 23 12-0239	EA	84" x 56" Volume Control Damper (Ruskin CD36)	1,542.59	166.34
23 09 23 12-0240	EA	84" x 60" Volume Control Damper (Ruskin CD36)	1,613.22	166.34
23 09 23 12-0241	EA	84" x 64" Volume Control Damper (Ruskin CD36)	1,737.76	182.97
23 09 23 12-0242	EA	84" x 68" Volume Control Damper (Ruskin CD36)	1,829.03	182.97
23 09 23 12-0243	EA	84" x 72" Volume Control Damper (Ruskin CD36)	1,949.10	182.97
23 09 23 12-0244	EA	84" x 76" Volume Control Damper (Ruskin CD36)	2,161.53	182.97
23 09 23 12-0245	EA	84" x 80" Volume Control Damper (Ruskin CD36)	2,161.53	182.97
23 09 23 12-0246	EA	84" x 84" Volume Control Damper (Ruskin CD36)	2,314.19	182.97

23 09 23 12-0247 Low Leakage Rectangular Volume Control Dampers (Ruskin CD50) *(23 09 23 12-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0248	EA	8" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	320.43	49.91
23 09 23 12-0249	EA	8" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	398.45	49.91
23 09 23 12-0250	EA	8" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	452.27	49.91
23 09 23 12-0251	EA	8" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	493.61	66.53
23 09 23 12-0252	EA	8" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	550.11	66.53
23 09 23 12-0253	EA	8" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	601.23	66.53
23 09 23 12-0254	EA	8" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	609.30	66.53
23 09 23 12-0255	EA	8" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	696.38	83.17
23 09 23 12-0256	EA	12" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	320.43	49.91
23 09 23 12-0257	EA	12" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	398.45	49.91
23 09 23 12-0258	EA	12" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	485.54	66.53
23 09 23 12-0259	EA	12" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	493.61	66.53
23 09 23 12-0260	EA	12" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	583.38	83.17
23 09 23 12-0261	EA	12" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	634.50	83.17
23 09 23 12-0262	EA	12" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	642.57	83.17
23 09 23 12-0263	EA	12" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	729.64	99.80
23 09 23 12-0264	EA	16" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	331.19	49.91
23 09 23 12-0265	EA	16" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	450.56	66.53
23 09 23 12-0266	EA	16" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	512.44	66.53
23 09 23 12-0267	EA	16" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	551.09	83.17
23 09 23 12-0268	EA	16" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	612.98	83.17
23 09 23 12-0269	EA	16" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	700.05	99.80
23 09 23 12-0270	EA	16" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	708.12	99.80
23 09 23 12-0271	EA	16" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	775.38	99.80
23 09 23 12-0272	EA	20" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	385.98	66.53
23 09 23 12-0273	EA	20" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	485.54	66.53
23 09 23 12-0274	EA	20" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	583.38	83.17
23 09 23 12-0275	EA	20" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	591.45	83.17
23 09 23 12-0276	EA	20" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	678.52	99.80
23 09 23 12-0277	EA	20" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	748.48	99.80
23 09 23 12-0278	EA	20" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	800.58	116.44
23 09 23 12-0279	EA	20" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	854.39	116.44
23 09 23 12-0280	EA	24" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	407.51	66.53
23 09 23 12-0281	EA	24" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	540.33	83.17
23 09 23 12-0282	EA	24" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	604.91	83.17
23 09 23 12-0283	EA	24" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	648.93	99.80
23 09 23 12-0284	EA	24" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	721.57	99.80
23 09 23 12-0285	EA	24" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	822.11	116.44
23 09 23 12-0286	EA	24" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	835.56	116.44
23 09 23 12-0287	EA	24" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	902.83	116.44
23 09 23 12-0288	EA	28" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	418.27	66.53
23 09 23 12-0289	EA	28" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	559.17	83.17
23 09 23 12-0290	EA	28" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	662.38	99.80
23 09 23 12-0291	EA	28" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	675.83	99.80
23 09 23 12-0292	EA	28" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	787.13	116.44
23 09 23 12-0293	EA	28" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	857.09	116.44
23 09 23 12-0294	EA	28" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	862.47	116.44
23 09 23 12-0295	EA	28" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	948.57	116.44
23 09 23 12-0296	EA	32" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	442.49	66.53
23 09 23 12-0297	EA	32" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	588.76	83.17
23 09 23 12-0298	EA	32" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	708.12	99.80
23 09 23 12-0299	EA	32" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	749.46	116.44
23 09 23 12-0300	EA	32" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	835.56	116.44
23 09 23 12-0301	EA	32" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	900.13	116.44
23 09 23 12-0302	EA	32" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	916.28	116.44
23 09 23 12-0303	EA	32" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	1,027.58	133.07
23 09 23 12-0304	EA	36" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	499.97	83.17
23 09 23 12-0305	EA	36" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	646.24	99.80
23 09 23 12-0306	EA	36" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	729.64	99.80
23 09 23 12-0307	EA	36" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	770.99	116.44
23 09 23 12-0308	EA	36" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	862.47	116.44
23 09 23 12-0309	EA	36" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	951.26	116.44
23 09 23 12-0310	EA	36" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	989.91	133.07
23 09 23 12-0311	EA	36" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	1,078.70	133.07
23 09 23 12-0312	EA	36" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,156.72	133.07
23 09 23 12-0313	EA	36" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,175.56	133.07
23 09 23 12-0314	EA	36" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,267.04	133.07
23 09 23 12-0315	EA	36" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,350.45	133.07
23 09 23 12-0316	EA	36" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,369.28	133.07
23 09 23 12-0317	EA	36" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,447.31	133.07
23 09 23 12-0318	EA	36" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,528.02	133.07
23 09 23 12-0319	EA	36" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,577.43	149.71
23 09 23 12-0320	EA	36" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,660.84	149.71
23 09 23 12-0321	EA	36" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,258.82	149.71
23 09 23 12-0322	EA	36" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,258.82	149.71
23 09 23 12-0323	EA	36" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,299.85	149.71
23 09 23 12-0324	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,213.23	133.07
23 09 23 12-0325	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,229.37	133.07
23 09 23 12-0326	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,318.16	133.07
23 09 23 12-0327	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,415.02	133.07
23 09 23 12-0328	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,423.09	133.07
23 09 23 12-0329	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,545.14	149.71
23 09 23 12-0330	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,636.62	149.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0331	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,660.84	149.71
23 09 23 12-0332	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,752.32	149.71
23 09 23 12-0333	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,383.26	149.71
23 09 23 12-0334	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,383.26	149.71
23 09 23 12-0335	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,418.23	149.71
23 09 23 12-0336	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,258.97	133.07
23 09 23 12-0337	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,283.18	133.07
23 09 23 12-0338	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,374.66	133.07
23 09 23 12-0339	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,482.28	133.07
23 09 23 12-0340	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,523.62	149.71
23 09 23 12-0341	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,615.10	149.71
23 09 23 12-0342	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,717.34	149.71
23 09 23 12-0343	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,741.55	149.71
23 09 23 12-0344	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,830.34	149.71
23 09 23 12-0345	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,483.48	149.71
23 09 23 12-0346	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,483.48	149.71
23 09 23 12-0347	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,569.90	166.34
23 09 23 12-0348	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,213.23	133.07
23 09 23 12-0349	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,229.37	133.07
23 09 23 12-0350	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,318.16	133.07
23 09 23 12-0351	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,415.02	133.07
23 09 23 12-0352	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,423.09	133.07
23 09 23 12-0353	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,545.14	149.71
23 09 23 12-0354	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,636.62	149.71
23 09 23 12-0355	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,660.84	149.71
23 09 23 12-0356	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,752.32	149.71
23 09 23 12-0357	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,383.26	149.71
23 09 23 12-0358	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,383.26	149.71
23 09 23 12-0359	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,418.23	149.71
23 09 23 12-0360	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,258.97	133.07
23 09 23 12-0361	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,283.18	133.07
23 09 23 12-0362	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,318.16	133.07
23 09 23 12-0363	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,415.02	133.07
23 09 23 12-0364	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,523.62	149.71
23 09 23 12-0365	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,615.10	149.71
23 09 23 12-0366	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,717.34	149.71
23 09 23 12-0367	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,741.55	149.71
23 09 23 12-0368	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,830.34	149.71
23 09 23 12-0369	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,483.48	149.71
23 09 23 12-0370	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,483.48	149.71
23 09 23 12-0371	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,569.90	166.34
23 09 23 12-0372	EA	48" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,310.09	133.07
23 09 23 12-0373	EA	48" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,331.61	133.07
23 09 23 12-0374	EA	48" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,436.54	133.07
23 09 23 12-0375	EA	48" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,577.43	149.71
23 09 23 12-0376	EA	48" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,598.95	149.71
23 09 23 12-0377	EA	48" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,687.74	149.71
23 09 23 12-0378	EA	48" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,789.98	149.71
23 09 23 12-0379	EA	48" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,808.82	149.71
23 09 23 12-0380	EA	48" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,908.37	149.71
23 09 23 12-0381	EA	48" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,629.09	166.34
23 09 23 12-0382	EA	48" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,629.09	166.34
23 09 23 12-0383	EA	48" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,676.85	166.34
23 09 23 12-0384	EA	52" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,471.52	133.07
23 09 23 12-0385	EA	52" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,493.05	133.07
23 09 23 12-0386	EA	52" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,642.00	149.71
23 09 23 12-0387	EA	52" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,771.15	149.71
23 09 23 12-0388	EA	52" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,792.67	149.71
23 09 23 12-0389	EA	52" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,894.92	149.71
23 09 23 12-0390	EA	52" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,005.23	149.71
23 09 23 12-0391	EA	52" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,048.28	149.71
23 09 23 12-0392	EA	52" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,218.78	166.34
23 09 23 12-0393	EA	52" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,765.87	166.34
23 09 23 12-0394	EA	52" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,765.87	166.34
23 09 23 12-0395	EA	52" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,907.79	166.34
23 09 23 12-0396	EA	56" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,528.02	133.07
23 09 23 12-0397	EA	56" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,588.19	149.71
23 09 23 12-0398	EA	56" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,703.88	149.71
23 09 23 12-0399	EA	56" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,851.87	149.71
23 09 23 12-0400	EA	56" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,876.08	149.71
23 09 23 12-0401	EA	56" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,986.40	149.71
23 09 23 12-0402	EA	56" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,102.09	149.71
23 09 23 12-0403	EA	56" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,175.73	166.34
23 09 23 12-0404	EA	56" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,288.73	166.34
23 09 23 12-0405	EA	56" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,765.87	166.34
23 09 23 12-0406	EA	56" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,765.87	166.34
23 09 23 12-0407	EA	56" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,907.79	166.34
23 09 23 12-0408	EA	60" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,620.48	149.71
23 09 23 12-0409	EA	60" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,642.00	149.71
23 09 23 12-0410	EA	60" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,779.22	149.71
23 09 23 12-0411	EA	60" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,916.44	149.71
23 09 23 12-0412	EA	60" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,943.35	149.71
23 09 23 12-0413	EA	60" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,059.04	149.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0414	EA	60" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,218.78	166.34
23 09 23 12-0415	EA	60" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,245.69	166.34
23 09 23 12-0416	EA	60" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,382.90	166.34
23 09 23 12-0417	EA	60" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,061.83	166.34
23 09 23 12-0418	EA	60" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,061.83	166.34
23 09 23 12-0419	EA	60" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,108.91	166.34
23 09 23 12-0420	EA	64" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,166.67	149.71
23 09 23 12-0421	EA	64" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,190.88	149.71
23 09 23 12-0422	EA	64" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,408.82	149.71
23 09 23 12-0423	EA	64" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,548.73	149.71
23 09 23 12-0424	EA	64" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,597.16	149.71
23 09 23 12-0425	EA	64" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,786.49	166.34
23 09 23 12-0426	EA	64" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,958.69	166.34
23 09 23 12-0427	EA	64" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,001.74	166.34
23 09 23 12-0428	EA	64" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,144.34	166.34
23 09 23 12-0429	EA	64" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,061.83	166.34
23 09 23 12-0430	EA	64" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,061.83	166.34
23 09 23 12-0431	EA	64" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,142.18	182.97
23 09 23 12-0432	EA	66" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,217.79	149.71
23 09 23 12-0433	EA	66" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,244.69	149.71
23 09 23 12-0434	EA	66" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,451.87	149.71
23 09 23 12-0435	EA	66" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,618.68	149.71
23 09 23 12-0436	EA	66" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,692.32	166.34
23 09 23 12-0437	EA	66" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,856.45	166.34
23 09 23 12-0438	EA	66" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	3,034.03	166.34
23 09 23 12-0439	EA	66" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,074.39	166.34
23 09 23 12-0440	EA	66" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,254.65	166.34
23 09 23 12-0441	EA	66" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,251.52	166.34
23 09 23 12-0442	EA	66" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,284.79	182.97
23 09 23 12-0443	EA	66" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,367.52	182.97
23 09 23 12-0444	EA	72" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,263.53	149.71
23 09 23 12-0445	EA	72" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,298.50	149.71
23 09 23 12-0446	EA	72" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,500.30	149.71
23 09 23 12-0447	EA	72" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,719.23	166.34
23 09 23 12-0448	EA	72" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,756.90	166.34
23 09 23 12-0449	EA	72" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,929.09	166.34
23 09 23 12-0450	EA	72" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	3,109.36	166.34
23 09 23 12-0451	EA	72" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,144.34	166.34
23 09 23 12-0452	EA	72" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,332.68	166.34
23 09 23 12-0453	EA	72" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,284.79	182.97
23 09 23 12-0454	EA	72" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,284.79	182.97
23 09 23 12-0455	EA	72" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,367.52	182.97
23 09 23 12-0456	EA	76" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,320.03	149.71
23 09 23 12-0457	EA	76" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,357.70	149.71
23 09 23 12-0458	EA	76" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,592.77	166.34
23 09 23 12-0459	EA	76" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,789.18	166.34
23 09 23 12-0460	EA	76" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,813.40	166.34
23 09 23 12-0461	EA	76" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	3,001.74	166.34
23 09 23 12-0462	EA	76" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	3,192.77	166.34
23 09 23 12-0463	EA	76" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,238.51	166.34
23 09 23 12-0464	EA	76" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,462.81	182.97
23 09 23 12-0465	EA	76" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,532.99	182.97
23 09 23 12-0466	EA	76" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,532.99	182.97
23 09 23 12-0467	EA	76" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,604.29	182.97
23 09 23 12-0468	EA	80" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,381.91	149.71
23 09 23 12-0469	EA	80" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,416.89	149.71
23 09 23 12-0470	EA	80" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,649.27	166.34
23 09 23 12-0471	EA	80" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,856.45	166.34
23 09 23 12-0472	EA	80" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,875.28	166.34
23 09 23 12-0473	EA	80" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	3,074.39	166.34
23 09 23 12-0474	EA	80" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	3,276.18	166.34
23 09 23 12-0475	EA	80" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,365.95	182.97
23 09 23 12-0476	EA	80" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,562.36	182.97
23 09 23 12-0477	EA	80" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,532.99	182.97
23 09 23 12-0478	EA	80" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,532.99	182.97
23 09 23 12-0479	EA	80" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,604.29	182.97
23 09 23 12-0480	EA	84" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,433.03	149.71
23 09 23 12-0481	EA	84" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,490.53	166.34
23 09 23 12-0482	EA	84" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,695.01	166.34
23 09 23 12-0483	EA	84" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,926.40	166.34
23 09 23 12-0484	EA	84" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,937.17	166.34
23 09 23 12-0485	EA	84" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	3,125.51	166.34
23 09 23 12-0486	EA	84" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	3,374.02	182.97
23 09 23 12-0487	EA	84" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	3,433.22	182.97
23 09 23 12-0488	EA	84" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,632.32	182.97
23 09 23 12-0489	EA	84" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	4,734.11	182.97
23 09 23 12-0490	EA	84" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	4,734.11	182.97
23 09 23 12-0491	EA	84" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	4,841.06	182.97

23 09 23 12-0492 Rectangular Volume Control Dampers (TAMCO) *(23 09 23 12)*
Note: Excludes actuators.

23 09 23 12-0493 Air-Foil Control Damper (TAMCO Series 1000) *(23 09 23 12-0492)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0494	EA	12" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	242.43	49.91
23 09 23 12-0495	EA	12" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	292.24	66.53
23 09 23 12-0496	EA	12" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	308.79	66.53
23 09 23 12-0497	EA	12" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	377.19	83.17
23 09 23 12-0498	EA	12" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	387.26	83.17
23 09 23 12-0499	EA	12" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	397.32	83.17
23 09 23 12-0500	EA	12" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	447.08	99.80
23 09 23 12-0501	EA	16" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	277.71	66.53
23 09 23 12-0502	EA	16" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	279.72	66.53
23 09 23 12-0503	EA	16" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	349.65	83.17
23 09 23 12-0504	EA	16" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	386.31	83.17
23 09 23 12-0505	EA	16" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	433.98	99.80
23 09 23 12-0506	EA	16" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	467.45	99.80
23 09 23 12-0507	EA	16" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	500.94	99.80
23 09 23 12-0508	EA	20" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	313.87	66.53
23 09 23 12-0509	EA	20" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	349.65	83.17
23 09 23 12-0510	EA	20" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	375.61	83.17
23 09 23 12-0511	EA	20" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	450.71	99.80
23 09 23 12-0512	EA	20" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	492.56	99.80
23 09 23 12-0513	EA	20" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	567.69	116.44
23 09 23 12-0514	EA	20" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	609.54	116.44
23 09 23 12-0515	EA	24" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	317.01	83.17
23 09 23 12-0516	EA	24" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	367.23	83.17
23 09 23 12-0517	EA	24" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	435.65	99.80
23 09 23 12-0518	EA	24" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	482.85	99.80
23 09 23 12-0519	EA	24" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	563.33	116.44
23 09 23 12-0520	EA	24" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	610.54	116.44
23 09 23 12-0521	EA	24" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	657.75	116.44
23 09 23 12-0522	EA	28" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	348.11	83.17
23 09 23 12-0523	EA	28" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	430.92	99.80
23 09 23 12-0524	EA	28" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	474.98	99.80
23 09 23 12-0525	EA	28" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	563.33	116.44
23 09 23 12-0526	EA	28" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	618.42	116.44
23 09 23 12-0527	EA	28" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	673.48	116.44
23 09 23 12-0528	EA	28" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	728.57	116.44
23 09 23 12-0529	EA	32" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	374.54	83.17
23 09 23 12-0530	EA	32" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	464.59	99.80
23 09 23 12-0531	EA	32" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	548.35	116.44
23 09 23 12-0532	EA	32" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	611.43	116.44
23 09 23 12-0533	EA	32" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	674.53	116.44
23 09 23 12-0534	EA	32" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	737.63	116.44
23 09 23 12-0535	EA	32" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	834.00	133.07
23 09 23 12-0536	EA	36" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	412.54	99.80
23 09 23 12-0537	EA	36" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	483.52	99.80
23 09 23 12-0538	EA	36" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	587.78	116.44
23 09 23 12-0539	EA	36" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	627.96	116.44
23 09 23 12-0540	EA	36" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	693.79	116.44
23 09 23 12-0541	EA	36" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	792.91	133.07
23 09 23 12-0542	EA	36" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	858.77	133.07

23 09 23 12-0543 Ultra Low Leakage, Air-Foil Control Damper (TAMCO Series 1500) *(23 09 23 12-0492)*

23 09 23 12-0544	EA	12" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	248.46	49.91
23 09 23 12-0545	EA	12" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	298.92	66.53
23 09 23 12-0546	EA	12" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	316.14	66.53
23 09 23 12-0547	EA	12" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	386.01	83.17
23 09 23 12-0548	EA	12" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	396.42	83.17
23 09 23 12-0549	EA	12" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	406.81	83.17
23 09 23 12-0550	EA	12" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	457.24	99.80
23 09 23 12-0551	EA	16" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	283.74	66.53
23 09 23 12-0552	EA	16" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	285.75	66.53
23 09 23 12-0553	EA	16" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	357.19	83.17
23 09 23 12-0554	EA	16" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	395.35	83.17
23 09 23 12-0555	EA	16" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	443.34	99.80
23 09 23 12-0556	EA	16" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	478.17	99.80
23 09 23 12-0557	EA	16" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	512.99	99.80
23 09 23 12-0558	EA	20" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	321.40	66.53
23 09 23 12-0559	EA	20" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	357.19	83.17
23 09 23 12-0560	EA	20" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	383.96	83.17
23 09 23 12-0561	EA	20" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	460.76	99.80
23 09 23 12-0562	EA	20" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	504.29	99.80
23 09 23 12-0563	EA	20" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	581.07	116.44
23 09 23 12-0564	EA	20" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	624.61	116.44
23 09 23 12-0565	EA	24" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	323.03	83.17
23 09 23 12-0566	EA	24" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	375.27	83.17
23 09 23 12-0567	EA	24" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	447.36	99.80
23 09 23 12-0568	EA	24" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	496.92	99.80
23 09 23 12-0569	EA	24" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	579.75	116.44
23 09 23 12-0570	EA	24" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	629.29	116.44
23 09 23 12-0571	EA	24" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	678.85	116.44
23 09 23 12-0572	EA	28" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	357.13	83.17
23 09 23 12-0573	EA	28" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	442.42	99.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0574	EA	28" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	488.66	99.80
23 09 23 12-0575	EA	28" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	579.75	116.44
23 09 23 12-0576	EA	28" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	637.54	116.44
23 09 23 12-0577	EA	28" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	695.36	116.44
23 09 23 12-0578	EA	28" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	753.18	116.44
23 09 23 12-0579	EA	32" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	384.37	83.17
23 09 23 12-0580	EA	32" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	477.09	99.80
23 09 23 12-0581	EA	32" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	563.21	116.44
23 09 23 12-0582	EA	32" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	629.29	116.44
23 09 23 12-0583	EA	32" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	695.36	116.44
23 09 23 12-0584	EA	32" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	761.43	116.44
23 09 23 12-0585	EA	32" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	860.77	133.07
23 09 23 12-0586	EA	36" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	422.59	99.80
23 09 23 12-0587	EA	36" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	496.92	99.80
23 09 23 12-0588	EA	36" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	604.52	116.44
23 09 23 12-0589	EA	36" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	678.85	116.44
23 09 23 12-0590	EA	36" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	753.18	116.44
23 09 23 12-0591	EA	36" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	860.77	133.07
23 09 23 12-0592	EA	36" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	935.10	133.07
23 09 23 12-0593		Thermally Insulated Damper (TAMCO Series 9000) *(23 09 23 12-0492)*		
23 09 23 12-0594	EA	12" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	288.64	49.91
23 09 23 12-0595	EA	12" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	343.50	66.53
23 09 23 12-0596	EA	12" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	365.10	66.53
23 09 23 12-0597	EA	12" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	444.77	83.17
23 09 23 12-0598	EA	12" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	457.43	83.17
23 09 23 12-0599	EA	12" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	470.09	83.17
23 09 23 12-0600	EA	12" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	525.04	99.80
23 09 23 12-0601	EA	16" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	323.92	66.53
23 09 23 12-0602	EA	16" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	325.92	66.53
23 09 23 12-0603	EA	16" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	407.41	83.17
23 09 23 12-0604	EA	16" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	455.62	83.17
23 09 23 12-0605	EA	16" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	505.84	99.80
23 09 23 12-0606	EA	16" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	549.59	99.80
23 09 23 12-0607	EA	16" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	593.34	99.80
23 09 23 12-0608	EA	20" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	371.63	66.53
23 09 23 12-0609	EA	20" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	407.41	83.17
23 09 23 12-0610	EA	20" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	439.77	83.17
23 09 23 12-0611	EA	20" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	527.71	99.80
23 09 23 12-0612	EA	20" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	582.42	99.80
23 09 23 12-0613	EA	20" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	670.37	116.44
23 09 23 12-0614	EA	20" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	725.05	116.44
23 09 23 12-0615	EA	24" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	363.21	83.17
23 09 23 12-0616	EA	24" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	428.84	83.17
23 09 23 12-0617	EA	24" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	514.33	99.80
23 09 23 12-0618	EA	24" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	577.27	99.80
23 09 23 12-0619	EA	24" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	673.48	116.44
23 09 23 12-0620	EA	24" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	736.44	116.44
23 09 23 12-0621	EA	24" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	799.38	116.44
23 09 23 12-0622	EA	28" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	408.67	83.17
23 09 23 12-0623	EA	28" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	508.03	99.80
23 09 23 12-0624	EA	28" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	566.79	99.80
23 09 23 12-0625	EA	28" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	673.48	116.44
23 09 23 12-0626	EA	28" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	746.93	116.44
23 09 23 12-0627	EA	28" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	820.35	116.44
23 09 23 12-0628	EA	28" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	893.80	116.44
23 09 23 12-0629	EA	32" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	443.31	83.17
23 09 23 12-0630	EA	32" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	552.10	99.80
23 09 23 12-0631	EA	32" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	652.51	116.44
23 09 23 12-0632	EA	32" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	736.44	116.44
23 09 23 12-0633	EA	32" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	820.35	116.44
23 09 23 12-0634	EA	32" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	904.28	116.44
23 09 23 12-0635	EA	32" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	1,021.49	133.07
23 09 23 12-0636	EA	36" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	482.85	99.80
23 09 23 12-0637	EA	36" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	577.27	99.80
23 09 23 12-0638	EA	36" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	704.96	116.44
23 09 23 12-0639	EA	36" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	798.03	116.44
23 09 23 12-0640	EA	36" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	892.23	116.44
23 09 23 12-0641	EA	36" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	1,019.70	133.07
23 09 23 12-0642	EA	36" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	1,113.90	133.07
23 09 23 12-0643		Thermally Broken Frame Damper (TAMCO Series 9000 BF) *(23 09 23 12-0492)*		
23 09 23 12-0644	EA	12" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	322.79	49.91
23 09 23 12-0645	EA	12" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	381.39	66.53
23 09 23 12-0646	EA	12" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	406.72	66.53
23 09 23 12-0647	EA	12" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	494.71	83.17
23 09 23 12-0648	EA	12" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	509.30	83.17
23 09 23 12-0649	EA	12" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	523.88	83.17
23 09 23 12-0650	EA	12" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	582.68	99.80
23 09 23 12-0651	EA	16" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	358.07	66.53
23 09 23 12-0652	EA	16" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	360.08	66.53

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0653	EA	16" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	450.10	83.17
23 09 23 12-0654	EA	16" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	506.85	83.17
23 09 23 12-0655	EA	16" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	558.97	99.80
23 09 23 12-0656	EA	16" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	610.30	99.80
23 09 23 12-0657	EA	16" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	661.65	99.80
23 09 23 12-0658	EA	20" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	414.32	66.53
23 09 23 12-0659	EA	20" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	450.10	83.17
23 09 23 12-0660	EA	20" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	487.20	83.17
23 09 23 12-0661	EA	20" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	584.65	99.80
23 09 23 12-0662	EA	20" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	648.81	99.80
23 09 23 12-0663	EA	20" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	746.26	116.44
23 09 23 12-0664	EA	20" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	810.43	116.44
23 09 23 12-0665	EA	24" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	397.36	83.17
23 09 23 12-0666	EA	24" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	474.36	83.17
23 09 23 12-0667	EA	24" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	554.51	99.80
23 09 23 12-0668	EA	24" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	625.49	99.80
23 09 23 12-0669	EA	24" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	729.73	116.44
23 09 23 12-0670	EA	24" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	800.73	116.44
23 09 23 12-0671	EA	24" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	871.70	116.44
23 09 23 12-0672	EA	28" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	439.61	83.17
23 09 23 12-0673	EA	28" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	547.40	99.80
23 09 23 12-0674	EA	28" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	613.65	99.80
23 09 23 12-0675	EA	28" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	729.73	116.44
23 09 23 12-0676	EA	28" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	812.56	116.44
23 09 23 12-0677	EA	28" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	895.37	116.44
23 09 23 12-0678	EA	28" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	978.17	116.44
23 09 23 12-0679	EA	32" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	478.66	83.17
23 09 23 12-0680	EA	32" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	597.10	99.80
23 09 23 12-0681	EA	32" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	706.09	116.44
23 09 23 12-0682	EA	32" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	800.73	116.44
23 09 23 12-0683	EA	32" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	895.37	116.44
23 09 23 12-0684	EA	32" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	990.00	116.44
23 09 23 12-0685	EA	32" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,117.91	133.07
23 09 23 12-0686	EA	36" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	519.02	99.80
23 09 23 12-0687	EA	36" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	625.49	99.80
23 09 23 12-0688	EA	36" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	765.23	116.44
23 09 23 12-0689	EA	36" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	870.35	116.44
23 09 23 12-0690	EA	36" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	976.61	116.44
23 09 23 12-0691	EA	36" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,116.13	133.07
23 09 23 12-0692	EA	36" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,222.38	133.07

23 09 23 12-0693 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0694	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	221.64	41.25
23 09 23 12-0695	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	249.93	45.24
23 09 23 12-0696	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	279.52	49.91
23 09 23 12-0697	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	323.12	58.55
23 09 23 12-0698	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	365.37	66.53
23 09 23 12-0699	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	368.86	74.85
23 09 23 12-0700	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	453.46	83.17
23 09 23 12-0701	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	541.49	99.80
23 09 23 12-0702	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	696.40	116.44
23 09 23 12-0703	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	1,037.57	133.07
23 09 23 12-0704	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,911.31	149.71
23 09 23 12-0705	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,430.03	166.34

23 09 23 12-0706 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0707	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	214.78	46.58
23 09 23 12-0708	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	221.54	49.91
23 09 23 12-0709	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	231.29	49.91
23 09 23 12-0710	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	256.66	56.55
23 09 23 12-0711	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	292.81	56.55
23 09 23 12-0712	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	317.16	66.53
23 09 23 12-0713	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	426.28	70.04
23 09 23 12-0714	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	445.74	72.60
23 09 23 12-0715	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	472.89	78.26
23 09 23 12-0716	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	500.57	83.92

23 09 23 12-0717 Remote Damper Control *(23 09 23 12)*

23 09 23 12-0718	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	317.14	
		For Each 10' Flexible Casing And Wire, Add	*42.60*	
23 09 23 12-0719	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	308.43	
		For Each 10' Flexible Casing And Wire, Add	*42.60*	

23 09 23 12-0720 Control Damper Actuators *(23 09 23 12)*

23 09 23 12-0721	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	568.85	109.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0722	EA	90 IN-Lb., 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	615.85	109.94
23 09 23 12-0723	EA	90 IN-Lb., 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	692.85	109.94
23 09 23 12-0724	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	729.65	109.94
23 09 23 12-0725	EA	90 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	751.48	109.94
23 09 23 12-0726	EA	360 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	837.33	109.94

23 09 23 13 Energy Meters *(23 09 23)*

23 09 23 13-0001 Surge Protectors *(23 09 23 13)*

23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	363.28	9.22
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	273.51	9.22
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	427.98	9.22
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	229.68	9.22
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	229.68	9.22
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	229.68	9.22
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	334.07	9.22
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	204.62	9.22

23 09 23 14 Flow Instruments *(23 09 23)*

23 09 23 14-0001 Water Flow Meters *(23 09 23 14)*

23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	5,464.71	106.99

23 09 23 14-0003 Air Flow Monitoring Stations *(23 09 23 14)*

23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	4,307.04	127.75
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	6,181.64	127.75
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	7,692.03	127.75

23 09 23 16 Gas Instruments *(23 09 23)*

23 09 23 16-0001 Gas Sensors *(23 09 23 16)*

23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,255.58	55.33
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	992.19	36.88
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,788.81	55.33
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	959.12	66.38

23 09 23 19 Moisture Instruments *(23 09 23)*

23 09 23 19-0001 Relative Humidity Sensors *(23 09 23 19)*

23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	589.04	66.38
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	605.72	66.38
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	680.13	92.20
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	540.75	36.88

23 09 23 21 Motion Instruments *(23 09 23)*

23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	195.17	25.93
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	191.20	25.93
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	257.93	25.93
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	228.48	25.93
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	66.65	25.93
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	61.16	25.93
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	117.59	25.93

23 09 23 23 Pressure Instruments *(23 09 23)*

23 09 23 23-0001 Pressure Sensors *(23 09 23 23)*

23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	789.11	77.86
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	699.54	77.86
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	266.10	77.86
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	276.50	77.86
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	296.87	77.86
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	273.49	77.86
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	2,970.76	77.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	2,970.76	77.86
23 09 23 23-0010	EA	Magnahelic Gauge	745.35	47.60

23 09 23 27 Temperature Instruments *(23 09 23)*

23 09 23 27-0001 Air Temperature Sensors *(23 09 23 27)*

23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	204.90	66.38
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	294.48	66.38
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	215.21	66.38
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	225.77	66.38
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	229.29	66.38
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	225.82	66.38
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP)	227.68	66.38
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	245.48	66.38
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	261.03	66.38
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	312.85	92.20
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	324.82	92.20
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	142.80	36.88
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	147.20	36.88
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	135.65	36.88

23 09 23 27-0016 Water Temperature Sensors *(23 09 23 27)*

23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	166.67	71.34
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	372.27	71.34

23 09 23 27-0019 Peco Thermostats *(23 09 23 27)*

23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	408.19	17.28
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	362.55	17.28

23 09 23 53 Proprietary Control Systems *(23 09 23)*

23 09 23 53-0001 EMCS General Costs *(23 09 23 53)*

23 09 23 53-0002 EMCS System Design Services *(23 09 23 53-0001)*

Note: Hourly labor rates for use with Site Inspection, Project Management, Engineering, Design, Programming, Training and Technical Support.

23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	213.21	
23 09 23 53-0004	HR	EMCS Engineering Project Management	213.21	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	224.74	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	184.40	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	193.05	
23 09 23 53-0008	HR	EMCS System Controls Training	201.69	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	207.45	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	178.64	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	172.88	

23 09 23 53-0012 Field Tests, Checkout And Commissioning *(23 09 23 53-0001)*

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	151.33	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	151.33	
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	151.33	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	129.66	

23 09 23 53-0017 EMCS System Engineering/Submittal Design And Layout *(23 09 23 53-0001)*

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	50.48	

23 09 23 53-0019 Alerton Controls *(23 09 23 53)*

23 09 23 53-0020	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	12,706.98	
23 09 23 53-0021	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	16,758.78	
23 09 23 53-0022	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	44,744.30	
23 09 23 53-0023	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	33,185.07	
23 09 23 53-0024	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	87,939.30	
23 09 23 53-0025	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	69,029.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0026	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	106,190.69	
23 09 23 53-0027	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,792.86	
23 09 23 53-0028	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	39,341.87	
23 09 23 53-0029	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	28,372.76	
23 09 23 53-0030	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	16,673.63	
23 09 23 53-0031	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	9,719.82	
23 09 23 53-0032	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	3,579.27	
23 09 23 53-0033	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	6,980.13	276.61
23 09 23 53-0034	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	10,412.44	368.81
23 09 23 53-0035	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	10,263.99	368.81
23 09 23 53-0036	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	3,390.67	276.61
23 09 23 53-0037	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	4,260.66	276.61
23 09 23 53-0038	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	3,122.97	276.61
23 09 23 53-0039	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	4,061.12	276.61
23 09 23 53-0040	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	10,593.90	276.61
23 09 23 53-0041	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	4,222.78	368.81
23 09 23 53-0042	EA	EXP BACnet Controller (Alerton VLX)	9,473.73	737.60
23 09 23 53-0043	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	11,377.98	737.60
23 09 23 53-0044	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,541.02	82.13
23 09 23 53-0045	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,630.20	276.61
23 09 23 53-0046	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,830.97	276.61
23 09 23 53-0047	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	2,137.42	276.61
23 09 23 53-0048	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,417.28	276.61
23 09 23 53-0049	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,405.11	276.61
23 09 23 53-0050	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	4,011.24	276.61
23 09 23 53-0051	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	2,905.20	276.61
23 09 23 53-0052	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	4,484.41	368.81
23 09 23 53-0053	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,928.28	184.40
23 09 23 53-0054	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,847.96	184.40
23 09 23 53-0055	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,435.52	276.61
23 09 23 53-0056	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,435.52	276.61
23 09 23 53-0057	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	3,084.05	276.61
23 09 23 53-0058	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	6,614.95	368.81
23 09 23 53-0059	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,551.11	276.61
23 09 23 53-0060	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	196.16	10.37
23 09 23 53-0061	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	337.79	10.37
23 09 23 53-0062	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	912.10	10.37
23 09 23 53-0063	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	912.10	10.37
23 09 23 53-0064	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	702.84	10.37
23 09 23 53-0065	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	216.13	10.37
23 09 23 53-0066	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	964.43	10.37
23 09 23 53-0067	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	1,086.12	10.37
23 09 23 53-0068	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,999.07	276.61
23 09 23 53-0069	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	4,298.37	276.61
23 09 23 53-0070	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	4,040.44	276.61
23 09 23 53-0071	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	10,673.76	
23 09 23 53-0072	EA	Global Controller Base Unit (Alerton ACM)	5,831.10	276.61
23 09 23 53-0073	EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,265.81	153.86
23 09 23 53-0074	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	1,071.31	
23 09 23 53-0075	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,220.96	10.37
23 09 23 53-0076		Automated Logic Controls *(23 09 23 53)*		
23 09 23 53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	4,603.38	276.61
23 09 23 53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	9,722.74	829.81
23 09 23 53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	2,943.66	276.61
23 09 23 53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	6,798.42	368.81
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	6,674.56	368.81
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	10,376.48	737.60
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	5,869.47	368.81
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	6,139.24	276.61
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	9,633.32	737.60
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,895.96	184.40
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	2,033.23	184.40
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	3,538.55	184.40
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	3,399.21	184.40
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,621.62	276.61
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	18,991.70	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	11,436.24	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	16,404.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0094		Cypress Envirosystems Controls *(23 09 23 53)*		
23 09 23 53-0095		Wireless Pneumatic Thermostat *(23 09 23 53-0094)*		
		Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP)	564.16	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP)	564.16	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP)	564.16	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP)	564.16	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB)	642.46	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB)	642.46	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)	642.46	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB)	642.46	11.53
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)	45.10	11.53
		Note: Optional cover.		
		For >50 To 200, Deduct	*-1.87*	
		For >200, Deduct	*-3.73*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM)	5,066.39	11.53
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-256.06*	
		For >2, Deduct	*-511.66*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)	492.03	11.53
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-26.72*	
		For >2, Deduct	*-53.38*	
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL)	851.33	11.53
		Note: One unit for up to 15 thermostats.		
		For >5 To 10, Deduct	*-44.13*	
		For >10, Deduct	*-88.18*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V)	1,038.22	11.53
		Note: One unit for up to 15 thermostats.		
		For >5 To 10, Deduct	*-51.32*	
		For >10, Deduct	*-102.54*	
23 09 23 53-0109		Delta Controls *(23 09 23 53)*		
23 09 23 53-0110		Software *(23 09 23 53-0109)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,535.82	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	4,352.94	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	9,431.37	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	14,869.15	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,614.25	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,535.82	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	6,163.27	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,614.25	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,651.99	115.25
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,948.06	
23 09 23 53-0121		EMCS Central Equipment And Controllers *(23 09 23 53-0109)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,886.18	461.01
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	6,564.61	461.01
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,631.18	461.01
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	4,631.18	461.01
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,631.18	461.01
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,277.61	461.01
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,564.07	230.50
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,408.09	230.50
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,511.58	230.50
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,408.09	230.50
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,474.08	288.13
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	841.35	115.25
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	907.11	115.25
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,077.68	115.25
23 09 23 53-0136		**Network, VAV And Special Sensors** *(23 09 23 53-0109)*		
23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	287.98	36.88
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	393.93	41.49
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	791.57	17.28
23 09 23 53-0140		**Honeywell Controls** *(23 09 23 53)*		
23 09 23 53-0141		**EMCS Central Equipment And Controllers** *(23 09 23 53-0140)*		
23 09 23 53-0142		**EMCS Network Area Controllers (BACnet Or Lon)** *(23 09 23 53-0141)* Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	12,412.97	561.85
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,322.34	561.85
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,248.61	561.85
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	7,898.81	561.85
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,191.80	561.85
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,191.80	561.85
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,762.52	561.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,361.66	561.85
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,762.52	561.85
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,361.66	561.85
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,366.82	561.85
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,965.96	561.85
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,366.82	561.85
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,965.96	561.85
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,870.40	561.85
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	9,871.82	561.85
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	10,489.03	561.85
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	12,490.44	561.85
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	10,517.44	561.85
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	14,331.74	561.85
23 09 23 53-0163		**EMCS Network Interfaces** *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,824.01	155.59
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,546.39	103.73
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,966.58	194.54
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	3,039.59	280.98
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,544.34	280.98
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	107.49	34.58
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,831.44	635.35
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,399.25	376.04
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	3,012.95	744.27
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,580.77	484.95
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,339.19	778.02
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,014.99	582.95
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,533.65	894.71
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,183.49	684.71
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,491.03	635.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,058.84	376.04
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,728.79	778.02
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,296.48	518.64
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,367.58	645.73
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,926.74	527.85
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,605.34	894.70
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,164.38	594.70
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,289.05	894.70
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	3,895.81	571.65
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,764.58	894.70
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,371.22	669.61

23 09 23 53-0191 DDC Programmable Controller Assemblies *(23 09 23 53-0141)*

Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.

23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,854.48	687.25
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,344.14	687.25
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,524.61	808.26
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	5,014.27	808.26
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,360.43	946.56
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,926.46	946.56

23 09 23 53-0198 EMCS Optional DDC Controller Hardware *(23 09 23 53-0141)*

Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	588.80
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	680.48
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	712.76
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	672.73
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	683.06
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	667.57
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	574.60
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	499.71
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	732.13
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	654.66
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	723.09
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,535.28
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,909.74
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	954.22
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	940.02
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	460.97
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	524.24
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	968.43
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	1,035.57
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	648.20
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	648.20
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	648.20
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	648.20
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	114.92
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	216.93
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	213.05
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	652.07
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	96.84
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	652.07
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	600.42
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	600.42
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	632.71
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	632.71
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	910.32
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	1,074.31
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	2,282.90

23 09 23 53-0235 EMCS Software *(23 09 23 53-0140)*

23 09 23 53-0236 Software Packages And License *(23 09 23 53-0235)*

Note: Includes installation on equipment.

23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	728.26
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	2,734.33
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	8,134.78
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	4,842.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	5,445.92	
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	3,789.19	
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	6,817.14	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	819.35	
23 09 23 53-0245	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	515.91	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	37,295.45	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	34,004.30	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,971.75	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	9,679.10	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,798.11	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,798.11	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	19,368.52	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,582.47	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,798.11	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	7,317.43	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,798.11	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	46,915.73	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	86,082.76	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	150,644.51	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,747.41	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,873.70	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	2,993.79	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,315.38	
23 09 23 53-0264		**Initial Database Generation** *(23 09 23 53-0235)*		
23 09 23 53-0265	PNT	Database Generation For Central Plant	77.33	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	77.33	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	77.33	
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	53.83	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, etc.	53.83	
23 09 23 53-0270		**Application Software Programs** *(23 09 23 53-0235)*		
23 09 23 53-0271	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	107.87	
23 09 23 53-0272	EA	Duty Cycling Program	50.94	
23 09 23 53-0273	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	94.62	
23 09 23 53-0274		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0275	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,933.70	
23 09 23 53-0276	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,433.20	
23 09 23 53-0277	EA	Color Graphics Page For Central Plant	878.56	
23 09 23 53-0278	EA	Color Graphics Page For Building Floor Plan	811.25	
23 09 23 53-0279	EA	Replication Of Color Graphics Page For Central Plant	440.72	
23 09 23 53-0280	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	988.39	
23 09 23 53-0281	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	211.37	
23 09 23 53-0282	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	914.17	
23 09 23 53-0283	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	91.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0284		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0285		**Special Sensors** *(23 09 23 53-0284)*		
23 09 23 53-0286	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,285.14	71.34
23 09 23 53-0287	EA	Enthalpy Sensor -25 To 125 F	2,386.30	71.34
23 09 23 53-0288	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	1,025.52	142.69
23 09 23 53-0289	EA	Freezestat (Honeywell L482A1004)	693.45	237.76
23 09 23 53-0290	EA	Wall Mounted Occupancy Sensor	512.56	71.34
23 09 23 53-0291	EA	Ceiling Mounted Occupancy Sensor	401.04	71.34
23 09 23 53-0292	EA	I/P Positioner With Gauge	473.32	71.34
23 09 23 53-0293	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube	565.91	71.34
23 09 23 53-0294	EA	EP Transducer	473.32	47.60
23 09 23 53-0295	EA	Electric Heat Sequencer	744.94	95.09
23 09 23 53-0296		**Meters** *(23 09 23 53-0284)*		
23 09 23 53-0297	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	4,833.31	570.49
23 09 23 53-0298	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface	6,977.60	665.58
23 09 23 53-0299	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,647.41	237.76
23 09 23 53-0300	EA	300 To 800 Amperes, Current Transformer For KW Meter	1,908.04	237.76
23 09 23 53-0301	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,407.88	237.76
23 09 23 53-0302		**Direct Coupled Actuators** *(23 09 23 53-0284)*		
23 09 23 53-0303	EA	44 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	704.51	109.78
23 09 23 53-0304	EA	88 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	777.94	109.78
23 09 23 53-0305	EA	175 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	904.19	109.78
23 09 23 53-0306	EA	44 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	661.54	109.78
23 09 23 53-0307	EA	88 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	740.51	109.78
23 09 23 53-0308	EA	175 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	818.71	109.78
23 09 23 53-0309	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	744.83	109.78
23 09 23 53-0310	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	857.43	109.78
23 09 23 53-0311	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	978.96	109.78
23 09 23 53-0312	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	602.96	109.78
23 09 23 53-0313	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	662.92	109.78
23 09 23 53-0314	EA	175 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	783.37	109.78
23 09 23 53-0315	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	840.07	109.78
23 09 23 53-0316	EA	300 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	839.36	109.78
23 09 23 53-0317	EA	300 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	994.84	109.78
23 09 23 53-0318	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	627.53	109.78
23 09 23 53-0319	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	1,102.70	109.78
23 09 23 53-0320	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	471.29	109.78
23 09 23 53-0321	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	719.86	109.78
23 09 23 53-0322		**Plastic, Two Way, Pneumatic Activated** *(23 09 23 53-0284)*		
23 09 23 53-0323		**Polyvinyl Chloride (PVC) Butterfly Valve With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals** *(23 09 23 53-0322)* Note: With NEMA 4X housing.		
23 09 23 53-0324	EA	1-1/2" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,685.02	38.14
		For Low Pressure Steam, Add	*260.87*	
23 09 23 53-0325	EA	2" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,699.53	45.40
		For Low Pressure Steam, Add	*260.87*	
23 09 23 53-0326	EA	3" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,914.96	121.08
		For Low Pressure Steam, Add	*267.32*	
23 09 23 53-0327	EA	4" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,987.90	181.62
		For Low Pressure Steam, Add	*262.41*	
23 09 23 53-0328	EA	6" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	3,265.69	242.16
		For Low Pressure Steam, Add	*278.06*	
23 09 23 53-0329	EA	8" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	3,782.33	272.43
		For Low Pressure Steam, Add	*323.79*	
23 09 23 53-0330		**Polyvinyl Chloride (PVC) Butterfly Valve With Viton Liner And Seals** *(23 09 23 53-0322)* Note: With NEMA 4X housing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0331	EA	1-1/2" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	2,755.60	38.14
		For Low Pressure Steam, Add	*267.93*	
23 09 23 53-0332	EA	2" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	2,770.11	45.40
		For Low Pressure Steam, Add	*267.93*	
23 09 23 53-0333	EA	3" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	2,982.48	121.08
		For Low Pressure Steam, Add	*274.07*	
23 09 23 53-0334	EA	4" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,307.09	181.62
		For Low Pressure Steam, Add	*294.33*	
23 09 23 53-0335	EA	6" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	4,352.16	242.16
		For Low Pressure Steam, Add	*386.71*	
23 09 23 53-0336	EA	8" Diameter, Two Way Pneumatically Activated Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	5,599.24	272.43
		For Low Pressure Steam, Add	*505.48*	

23 09 23 53-0337 Polyvinyl Chloride (PVC), Pneumatically Activated Diaphragm Valve *(23 09 23 53-0322)*

Note: With NEMA 4X housing.

23 09 23 53-0338	EA	1/2" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	1,516.04	64.18
		For Low Pressure Steam, Add	*138.72*	
23 09 23 53-0339	EA	3/4" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	1,596.90	75.68
		For Low Pressure Steam, Add	*144.56*	
23 09 23 53-0340	EA	1" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	1,676.83	86.57
		For Low Pressure Steam, Add	*150.39*	
23 09 23 53-0341	EA	1-1/4" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	2,043.33	92.02
		For Low Pressure Steam, Add	*185.99*	
23 09 23 53-0342	EA	1-1/2" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	2,061.67	101.10
		For Low Pressure Steam, Add	*185.99*	
23 09 23 53-0343	EA	2" Polyvinyl Chloride (PVC) Pneumatically Activated Diaphragm Valve	2,470.22	116.24
		For Low Pressure Steam, Add	*223.74*	

23 09 23 53-0344 Chlorinated Polyvinyl Chloride (CPVC), Pneumatically Activated Diaphragm Valve *(23 09 23 53-0322)*

Note: With NEMA 4X housing.

23 09 23 53-0345	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	1,687.91	64.18
		For Low Pressure Steam, Add	*155.91*	
23 09 23 53-0346	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	1,799.46	75.68
		For Low Pressure Steam, Add	*164.81*	
23 09 23 53-0347	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	1,897.80	86.57
		For Low Pressure Steam, Add	*172.48*	
23 09 23 53-0348	EA	1-1/4" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	2,337.97	92.02
		For Low Pressure Steam, Add	*215.45*	
23 09 23 53-0349	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	2,356.31	101.10
		For Low Pressure Steam, Add	*215.45*	
23 09 23 53-0350	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Pneumatically Activated Diaphragm Valve	2,724.96	116.24
		For Low Pressure Steam, Add	*249.21*	

23 09 23 53-0351 Polyvinyl Chloride (PVC), Pneumatically Activated Diaphragm Valve *(23 09 23 53-0322)*

Note: With VITON seals.

23 09 23 53-0352	EA	1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	665.10	64.18
		For Low Pressure Steam, Add	*53.68*	
23 09 23 53-0353	EA	3/4" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	741.60	75.68
		For Low Pressure Steam, Add	*59.03*	
23 09 23 53-0354	EA	1" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	809.25	86.57
		For Low Pressure Steam, Add	*63.61*	
23 09 23 53-0355	EA	1-1/4" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	1,065.35	91.42
		For Low Pressure Steam, Add	*88.25*	
23 09 23 53-0356	EA	1-1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	1,071.40	94.44
		For Low Pressure Steam, Add	*88.25*	
23 09 23 53-0357	EA	2" Polyvinyl Chloride (PVC) Diaphragm Valve With VITON Seals	1,344.26	109.58
		For Low Pressure Steam, Add	*112.51*	

23 09 23 53-0358 Polyvinyl Chloride (PVC), Pneumatically Activated Diaphragm Valve *(23 09 23 53-0322)*

Note: With PTFE seals.

23 09 23 53-0359	EA	1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	712.86	64.18
		For Low Pressure Steam, Add	*58.45*	
23 09 23 53-0360	EA	3/4" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	785.55	75.68
		For Low Pressure Steam, Add	*63.42*	
23 09 23 53-0361	EA	1" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	851.27	86.57
		For Low Pressure Steam, Add	*67.81*	
23 09 23 53-0362	EA	1-1/4" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	1,095.92	91.42
		For Low Pressure Steam, Add	*91.31*	
23 09 23 53-0363	EA	1-1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	1,101.97	94.44
		For Low Pressure Steam, Add	*91.31*	
23 09 23 53-0364	EA	2" Polyvinyl Chloride (PVC) Diaphragm Valve With Polytetrafluoroethylene (PTFE) Seals	1,365.28	109.58
		For Low Pressure Steam, Add	*114.61*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0365		Polyvinyl Chloride (PVC), Pneumatically Activated Diaphragm Valve *(23 09 23 53-0322)*		
		Note: With ethylene propylene diene monomer (EPDM) seals.		
23 09 23 53-0366	EA	1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	594.45	64.18
		For Low Pressure Steam, Add	*46.61*	
23 09 23 53-0367	EA	3/4" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	653.73	75.68
		For Low Pressure Steam, Add	*50.24*	
23 09 23 53-0368	EA	1" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	711.84	86.57
		For Low Pressure Steam, Add	*53.87*	
23 09 23 53-0369	EA	1-1/4" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	946.91	91.42
		For Low Pressure Steam, Add	*76.41*	
23 09 23 53-0370	EA	1-1/2" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	952.96	94.44
		For Low Pressure Steam, Add	*76.41*	
23 09 23 53-0371	EA	2" Polyvinyl Chloride (PVC) Diaphragm Valve With Ethylene Propylene Diene Monomer (EPDM) Seals	1,197.19	109.58
		For Low Pressure Steam, Add	*97.80*	
23 09 23 53-0372		Three-Way Modular Polyvinyl Chloride (PVC) Ball Valve *(23 09 23 53-0322)*		
		Note: Equipped for actuator.		
23 09 23 53-0373	EA	1/2" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	139.65	21.80
23 09 23 53-0374	EA	3/4" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	162.38	26.64
23 09 23 53-0375	EA	1" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	175.22	28.46
23 09 23 53-0376	EA	1-1/2" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	325.35	42.99
23 09 23 53-0377	EA	2" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	496.28	87.78
23 09 23 53-0378	EA	3" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	1,015.57	121.08
23 09 23 53-0379	EA	4" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Threaded Or Socket	1,888.55	181.62
23 09 23 53-0380	EA	2" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Flanged	763.29	87.78
23 09 23 53-0381	EA	3" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Flanged	1,494.47	205.84
23 09 23 53-0382	EA	4" Polyvinyl Chloride (PVC) Modular 3-Way Ball Valve, Flanged	2,706.62	345.08
23 09 23 53-0383		Electric Activated Plastic Control Valves *(23 09 23 53-0284)*		
		Note: Includes motor.		
23 09 23 53-0384		Two Way Plastic Electric Control Valves With Electric Actuator *(23 09 23 53-0383)*		
		Note: With NEMA 4X housing.		
23 09 23 53-0385		Two Way Polyvinyl Chloride (PVC) Electric Control Valves, With Electric Actuator *(23 09 23 53-0384)*		
23 09 23 53-0386	EA	1/2" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	798.03	19.98
23 09 23 53-0387	EA	3/4" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	821.84	24.21
23 09 23 53-0388	EA	1" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	856.16	26.03
23 09 23 53-0389	EA	1-1/4" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	911.08	38.14
23 09 23 53-0390	EA	1-1/2" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	911.08	38.14
23 09 23 53-0391	EA	2" Polyvinyl Chloride (PVC), Two Way, Electric Control Valve	993.11	45.40
23 09 23 53-0392		Two Way Chlorinated Polyvinyl Chloride (CPVC) Electric Control Valves, With Electric Actuator *(23 09 23 53-0384)*		
23 09 23 53-0393	EA	1/2" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	853.27	19.98
23 09 23 53-0394	EA	3/4" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	877.09	24.21
23 09 23 53-0395	EA	1" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	932.89	26.03
23 09 23 53-0396	EA	1-1/4" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	1,000.08	38.14
23 09 23 53-0397	EA	1-1/2" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	1,000.08	38.14
23 09 23 53-0398	EA	2" Two Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	1,106.66	45.40
23 09 23 53-0399		Three Way Plastic Electric Control Valves With Electric Actuator *(23 09 23 53-0383)*		
		Note: With NEMA 4X housing.		
23 09 23 53-0400		Three Way Polyvinyl Chloride (PVC) Electric Control Valves, With Electric Actuator *(23 09 23 53-0399)*		
23 09 23 53-0401	EA	1/2" Polyvinyl Chloride (PVC), Three Way, Electric Control Valve	856.90	21.80
23 09 23 53-0402	EA	3/4" Polyvinyl Chloride (PVC), Three Way, Electric Control Valve	881.93	26.64
23 09 23 53-0403	EA	1" Polyvinyl Chloride (PVC), Three Way, Electric Control Valve	925.46	28.46
23 09 23 53-0404	EA	1-1/2" Polyvinyl Chloride (PVC), Three Way, Electric Control Valve	1,098.74	42.99
23 09 23 53-0405	EA	2" Polyvinyl Chloride (PVC), Three Way, Electric Control Valve	1,333.04	87.78
23 09 23 53-0406		Three Way Chlorinated Polyvinyl Chloride (CPVC) Electric Control Valves, With Electric Actuator *(23 09 23 53-0399)*		
23 09 23 53-0407	EA	1/2" Three Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	902.94	21.80
23 09 23 53-0408	EA	3/4" Three Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	940.24	26.64
23 09 23 53-0409	EA	1" Three Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	989.91	28.46
23 09 23 53-0410	EA	1-1/2" Three Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	1,193.89	42.99
23 09 23 53-0411	EA	2" Three Way Electric Control Valve, Chlorinated Polyvinyl Chloride (CPVC)	1,471.15	87.78
23 09 23 53-0412		Two Way Plastic Electric Control Butterfly Valves *(23 09 23 53-0383)*		
		Note: Includes electric actuator. With NEMA 4X housing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0413		**Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals** *(23 09 23 53-0412)*		
23 09 23 53-0414	EA	1-1/2" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,783.23	38.14
23 09 23 53-0415	EA	2" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,797.74	45.40
23 09 23 53-0416	EA	3" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	2,982.48	121.08
23 09 23 53-0417	EA	4" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	3,617.07	181.62
23 09 23 53-0418	EA	6" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	4,008.42	242.16
23 09 23 53-0419	EA	8" Two Way Butterfly Control Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	4,525.05	272.43
23 09 23 53-0420		**Polyvinyl Chloride (PVC) With Viton Liner And Seals** *(23 09 23 53-0412)*		
23 09 23 53-0421	EA	1-1/2" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,130.03	38.14
23 09 23 53-0422	EA	2" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,144.54	45.40
23 09 23 53-0423	EA	3" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,356.91	121.08
23 09 23 53-0424	EA	4" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	4,151.09	181.62
23 09 23 53-0425	EA	6" Two Way Electric Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	4,910.73	242.16
23 09 23 53-0426	EA	8" Two Way Butterfly Control Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	6,035.05	272.43
23 09 23 53-0427		**Thermostats** *(23 09 23 53-0140)*		
23 09 23 53-0428		**Electric And Electronic Thermostats** *(23 09 23 53-0427)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0429	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	220.59	17.28
23 09 23 53-0430	EA	Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	239.20	17.28
23 09 23 53-0431	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	218.52	17.28
23 09 23 53-0432	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	246.85	17.28
23 09 23 53-0433	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	268.14	17.28
23 09 23 53-0434	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	404.60	17.28
23 09 23 53-0435	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	598.94	17.28
23 09 23 53-0436	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	983.19	17.28
23 09 23 53-0437	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	1,049.95	17.28
23 09 23 53-0438		**Pneumatic Thermostats** *(23 09 23 53-0427)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0439	EA	Pneumatic Thermostat (Honeywell TP970B2182)	317.50	17.28
23 09 23 53-0440		**Thermostats Guards** *(23 09 23 53-0427)*		
23 09 23 53-0441	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	74.79	17.28
23 09 23 53-0442	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	90.30	17.28
23 09 23 53-0443	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	84.72	17.28
23 09 23 53-0444		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0445		**Software** *(23 09 23 53-0444)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0446	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	20,983.72	
23 09 23 53-0447	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	24,826.63	
23 09 23 53-0448	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,171.86	
23 09 23 53-0449	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,805.18	
23 09 23 53-0450	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	3,241.87	
23 09 23 53-0451	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,182.58	
23 09 23 53-0452	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,175.33	
23 09 23 53-0453	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	391.98	
23 09 23 53-0454		**Supervisory Controllers** *(23 09 23 53-0444)*		
23 09 23 53-0455	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	8,645.50	461.01
23 09 23 53-0456	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	13,713.63	461.01
23 09 23 53-0457	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	18,793.00	461.01
23 09 23 53-0458	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	6,693.28	461.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0459		Controllers *(23 09 23 53-0444)*		
23 09 23 53-0460	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	999.58	115.25
23 09 23 53-0461	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,337.52	230.50
23 09 23 53-0462	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,697.57	230.50
23 09 23 53-0463	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	2,035.50	230.50
23 09 23 53-0464	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	805.70	115.25
23 09 23 53-0465	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	891.87	115.25
23 09 23 53-0466	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	1,021.13	115.25
23 09 23 53-0467	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	1,038.36	115.25
23 09 23 53-0468	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,123.42	230.50
23 09 23 53-0469	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	1,015.25	115.25
23 09 23 53-0470	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,506.68	115.25
23 09 23 53-0471		Master FX Controllers *(23 09 23 53-0444)*		
23 09 23 53-0472	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,716.18	230.50
23 09 23 53-0473	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	2,920.38	230.50
23 09 23 53-0474	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	3,021.85	230.50
23 09 23 53-0475	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	2,960.18	230.50
23 09 23 53-0476	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	2,863.81	230.50
23 09 23 53-0477	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	2,879.26	230.50
23 09 23 53-0478	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	2,863.81	230.50
23 09 23 53-0479	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	2,920.60	230.50
23 09 23 53-0480	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	3,096.95	230.50
23 09 23 53-0481	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	3,214.51	230.50
23 09 23 53-0482	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	3,155.73	230.50
23 09 23 53-0483	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	3,035.40	230.50
23 09 23 53-0484	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	2,920.60	230.50
23 09 23 53-0485	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	3,096.95	230.50
23 09 23 53-0486	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,214.51	230.50
23 09 23 53-0487	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	3,155.73	230.50
23 09 23 53-0488	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	3,035.40	230.50
23 09 23 53-0489	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	323.54	57.63
23 09 23 53-0490	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	468.21	57.63
23 09 23 53-0491	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	364.15	57.63
23 09 23 53-0492	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	323.54	57.63
23 09 23 53-0493	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	899.99	57.63
23 09 23 53-0494	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	825.57	57.63
23 09 23 53-0495	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	842.99	57.63
23 09 23 53-0496	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	842.99	57.63
23 09 23 53-0497	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	930.03	57.63
23 09 23 53-0498	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	930.03	57.63
23 09 23 53-0499	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,180.26	57.63
23 09 23 53-0500	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,180.26	57.63
23 09 23 53-0501	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,321.70	57.63
23 09 23 53-0502	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,321.70	57.63
23 09 23 53-0503		VAV, Network And Special Sensors *(23 09 23 53-0444)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0504	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	629.22	36.88
23 09 23 53-0505	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	201.91	36.88
23 09 23 53-0506	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	484.05	36.88
23 09 23 53-0507	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	730.46	36.88
23 09 23 53-0508	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	233.91	36.88
23 09 23 53-0509	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	660.98	36.88
23 09 23 53-0510		**Sensors - Hard Wired Type** *(23 09 23 53-0444)*		
23 09 23 53-0511	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	185.27	66.38
23 09 23 53-0512	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	165.33	36.88
23 09 23 53-0513	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	486.89	17.28
23 09 23 53-0514	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	663.74	17.28
23 09 23 53-0515	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	487.86	17.28
23 09 23 53-0516	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	645.20	36.88
23 09 23 53-0517	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	798.25	36.88
23 09 23 53-0518		**Melink Intelli-Hood IH3 Controls** *(23 09 23 53)*		
23 09 23 53-0519		**Kitchen Ventilation Controllers** *(23 09 23 53-0518)*		
23 09 23 53-0520	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	10,124.87	461.01
23 09 23 53-0521	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	1,974.83	95.09
23 09 23 53-0522	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	3,129.24	383.79
23 09 23 53-0523		**Kitchen Ventilation Sensors** *(23 09 23 53-0518)*		
23 09 23 53-0524	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	571.65	66.38
23 09 23 53-0525	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	4,978.20	368.81
23 09 23 53-0526		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0527	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	468.99	17.28
23 09 23 53-0528	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	327.32	17.28
23 09 23 53-0529	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	324.25	77.86
23 09 23 53-0530	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	505.43	77.86
23 09 23 53-0531	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	79.94	11.53
23 09 23 53-0532	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	266.41	115.25
23 09 23 53-0533	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	440.18	21.06
23 09 23 53-0534	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	776.18	38.24
23 09 23 53-0535	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,570.60	38.24
23 09 23 53-0536	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,325.08	48.43
23 09 23 53-0537	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	328.57	66.38
23 09 23 53-0538	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	282.43	36.88
23 09 23 53-0539	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	624.68	54.40
23 09 23 53-0540	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	114.06	5.76
23 09 23 53-0541	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,002.86	110.64
23 09 23 53-0542	EA	MMI Extension Cable (Siemens 545-712)	252.39	5.76
23 09 23 53-0543	EA	Remote Pressure Transmitter (Siemens 547-003)	1,533.50	36.88
23 09 23 53-0544	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	932.40	27.66
23 09 23 53-0545	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	799.45	73.76
23 09 23 53-0546	EA	Door Lock And Key Assembly (Siemens 567-225)	42.48	23.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0547	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	15,630.82	
23 09 23 53-0548	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	511.89	
23 09 23 53-0549	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,407.96	
23 09 23 53-0550	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	516.85	12.71
23 09 23 53-0551	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	1,089.73	22.04
23 09 23 53-0552	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	10,278.41	46.10
23 09 23 53-0553	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	12,112.51	46.10
23 09 23 53-0554	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	184.34	17.28
23 09 23 53-0555	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	473.74	53.23
23 09 23 53-0556	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	505.55	53.23
23 09 23 53-0557	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,552.69	
23 09 23 53-0558	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	919.31	
23 09 23 53-0559	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,958.71	
23 09 23 53-0560	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	2,118.02	
23 09 23 53-0561	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,820.76	
23 09 23 53-0562	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,382.98	
23 09 23 53-0563	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	853.57	2.30
23 09 23 53-0564	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	952.89	9.22
23 09 23 53-0565	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	481.60	2.30
23 09 23 53-0566	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	459.33	64.54
23 09 23 53-0567	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	816.34	64.54
23 09 23 53-0568	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,150.61	73.76
23 09 23 53-0569	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	40.26	11.53
23 09 23 53-0570	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	837.42	28.81
23 09 23 53-0571	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,348.30	28.81
23 09 23 53-0572	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	1,025.64	28.81
23 09 23 53-0573	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,563.43	28.81
23 09 23 53-0574	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,581.47	57.63
23 09 23 53-0575	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	5,930.10	57.63
23 09 23 53-0576	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,758.08	57.63
23 09 23 53-0577	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,848.39	57.63
23 09 23 53-0578	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,213.10	57.63
23 09 23 53-0579	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	1,971.45	57.63
23 09 23 53-0580	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,702.06	57.63
23 09 23 53-0581	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,953.88	57.63
23 09 23 53-0582	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,891.41	57.63
23 09 23 53-0583	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,117.04	57.63
23 09 23 53-0584	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,885.72	57.63
23 09 23 53-0585	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,115.50	57.63
23 09 23 53-0586	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,020.05	57.63
23 09 23 53-0587	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	8,036.41	57.63
23 09 23 53-0588	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,365.84	
23 09 23 53-0589	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	536.95	28.81
23 09 23 53-0590	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	389.47	28.81
23 09 23 53-0591	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	889.19	23.05
23 09 23 53-0592	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	299.33	28.81
23 09 23 53-0593	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	287.86	36.88
23 09 23 53-0594	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	142.00	28.81
23 09 23 53-0595	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	104.28	28.81
23 09 23 53-0596	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	313.78	57.63
23 09 23 53-0597	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	199.17	43.22
23 09 23 53-0598	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,599.16	371.34
23 09 23 53-0599	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	36.40	11.53
23 09 23 53-0600	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.89	
23 09 23 53-0601	EA	16 Digital Input Module (Siemens TXM1.16D)	673.61	11.53
23 09 23 53-0602	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	1,021.58	11.53
23 09 23 53-0603	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,642.55	23.05
23 09 23 53-0604	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	501.27	6.91

23 09 23 53-0605 Trane Controls *(23 09 23 53)*

23 09 23 53-0606 Software *(23 09 23 53-0605)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0607	EA	Summit + Building Management Package (Trane 40201152)	7,741.05	
23 09 23 53-0608	EA	Summit Current Version Software (Trane 40201111)	4,353.43	
23 09 23 53-0609	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	1,061.83	
23 09 23 53-0610	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,326.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0611	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	12,031.93	
23 09 23 53-0612		**EMCS Central Equipment And Controllers** *(23 09 23 53-0605)*		
23 09 23 53-0613	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,299.34	461.01
23 09 23 53-0614	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	14,916.98	461.01
23 09 23 53-0615	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	14,916.98	461.01
23 09 23 53-0616	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	13,045.79	461.01
23 09 23 53-0617	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	15,221.41	461.01
23 09 23 53-0618	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	223.57	28.81
23 09 23 53-0619	EA	Summit Comm5 Repeater (Trane 49500457)	1,720.54	230.50
23 09 23 53-0620	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,976.70	288.13
23 09 23 53-0621	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,831.76	345.76
23 09 23 53-0622	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,967.10	345.76
23 09 23 53-0623	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,479.27	345.76
23 09 23 53-0624	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,476.58	345.76
23 09 23 53-0625	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,138.37	115.25
23 09 23 53-0626	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	1,030.89	115.25
23 09 23 53-0627	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,846.91	230.50
23 09 23 53-0628	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,757.77	230.50
23 09 23 53-0629	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	991.52	115.25
23 09 23 53-0630	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	862.10	115.25
23 09 23 53-0631	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,309.98	115.25
23 09 23 53-0632	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,181.27	115.25
23 09 23 53-0633	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	1,003.04	115.25
23 09 23 53-0634	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	953.62	115.25
23 09 23 53-0635	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,105.38	115.25
23 09 23 53-0636	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	1,003.04	115.25
23 09 23 53-0637	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,359.89	230.50
23 09 23 53-0638	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,487.17	230.50
23 09 23 53-0639		**Network, VAV And Special Sensors** *(23 09 23 53-0605)*		
23 09 23 53-0640	EA	Digital Display Zone Sensor (Trane X13790464010)	238.85	36.88
23 09 23 53-0641	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	155.48	36.88
23 09 23 53-0642	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	141.42	36.88
23 09 23 53-0643	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	295.58	41.49
23 09 23 53-0644	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	174.70	36.88
23 09 23 53-0645	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	174.70	36.88
23 09 23 53-0646	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	629.02	66.38
23 09 23 53-0647	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	583.38	36.88
23 09 23 53-0648	EA	Transformer 120/24 40 VA (Trane X13550284010)	134.39	36.88
23 09 23 53-0649	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	129.36	36.88
23 09 23 53-0650	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	121.33	36.88
23 09 23 53-0651	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,539.32	230.50
23 09 23 53-0652	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,470.65	230.50
23 09 23 53-0653	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,327.36	230.50
23 09 23 53-0654	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,399.78	345.76
23 09 23 53-0655	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,327.36	230.50
23 09 23 53-0656	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,400.04	230.50
23 09 23 53-0657	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,405.71	230.50
23 09 23 53-0658	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	494.02	229.52
23 09 23 53-0659	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	735.93	229.52
23 09 23 53-0660	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,704.13	345.76
23 09 23 53-0661	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,593.64	345.76
23 09 23 53-0662	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	159.50	45.93
23 09 23 53-0663	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	594.71	45.93
23 09 23 53-0664	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,772.43	345.76
23 09 23 53-0665	EA	BACnet Term (2 Pack) (Trane X1365152401)	251.19	82.63
23 09 23 53-0666	EA	Tracer ES Add License (Trane X40250125010)	3,304.49	
23 09 23 53-0667	EA	Kit - Tracer TU For Controls (Trane X4509151201)	5,162.72	461.01
23 09 23 53-0668	EA	Kit - Tracer TU Complete (Trane X4509151301)	6,846.18	461.01
23 09 23 53-0669	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	677.08	82.63
23 09 23 53-0670	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	380.77	82.63
23 09 23 53-0671	EA	Sensor Wireless Display Sensor (Trane X13790822010)	433.00	82.63
23 09 23 53-0672	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	385.79	82.63
23 09 23 53-0673	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	530.28	82.63
23 09 23 53-0674	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	579.49	82.63
23 09 23 53-0675		**Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators** *(23 09 23 53)*		
23 09 23 53-0676		**Room Pressure Monitoring** *(23 09 23 53-0675)*		
23 09 23 53-0677	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,560.11	66.53
23 09 23 53-0678	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,740.63	66.53
23 09 23 53-0679	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	450.99	39.92
23 09 23 53-0680	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	520.58	39.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0681		**Current Switches And Current Sensors** *(23 09 23 53-0675)*		
23 09 23 53-0682	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	144.43	36.88
23 09 23 53-0683	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	150.46	36.88
23 09 23 53-0684	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	238.85	36.88
23 09 23 53-0685	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	136.40	36.88
23 09 23 53-0686	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	443.76	36.88
23 09 23 53-0687	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	278.77	36.88
23 09 23 53-0688	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	209.90	36.88
23 09 23 53-0689	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	209.90	36.88
23 09 23 53-0690	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,887.84	184.40
23 09 23 53-0691	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,499.84	36.88
23 09 23 53-0692	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,285.92	36.88
23 09 23 53-0693	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	226.07	36.88
23 09 23 53-0694	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	323.92	97.96
23 09 23 53-0695	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	324.41	97.96
23 09 23 53-0696	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	348.51	97.96
23 09 23 53-0697	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	354.54	97.96
23 09 23 53-0698	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	388.69	97.96
23 09 23 53-0699	EA	Toggle Switch	130.53	46.10
23 09 23 53-0700	EA	Maintained Pushbutton Switch	140.37	46.10
23 09 23 53-0701	EA	Manual Time Switch	233.15	46.10
23 09 23 53-0702	EA	Emergency Stop Switch	399.06	46.10
23 09 23 53-0703	EA	Float Switch	370.23	46.10
23 09 23 53-0704	EA	Break Glass Switch	1,262.78	46.10
23 09 23 53-0705	EA	Boiler E-Stop Switch	744.82	46.10
23 09 23 53-0706		**Relays** *(23 09 23 53-0675)*		
23 09 23 53-0707	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	117.31	36.88
23 09 23 53-0708	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	129.67	36.88
23 09 23 53-0709	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	185.28	46.10
23 09 23 53-0710	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	240.50	36.88
23 09 23 53-0711	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	108.35	36.88
23 09 23 53-0712	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	106.54	36.88
23 09 23 53-0713	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	117.31	36.88
23 09 23 53-0714	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	122.96	36.88
23 09 23 53-0715	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	124.50	36.88
23 09 23 53-0716	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	133.23	46.10
23 09 23 53-0717	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	183.65	46.10
23 09 23 53-0718	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	339.16	46.10
23 09 23 53-0719	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	336.93	46.10
23 09 23 53-0720		**Transformers** *(23 09 23 53-0675)*		
23 09 23 53-0721	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	143.11	36.88
23 09 23 53-0722	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	157.13	36.88
23 09 23 53-0723	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	157.13	36.88
23 09 23 53-0724	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	169.82	36.88
23 09 23 53-0725	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	177.64	36.88
23 09 23 53-0726		**Power Supplies** *(23 09 23 53-0675)*		
23 09 23 53-0727	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	222.00	36.88
23 09 23 53-0728	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	260.91	36.88
23 09 23 53-0729	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	243.37	36.88
23 09 23 53-0730	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	251.67	36.88
23 09 23 53-0731	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	244.27	36.88
23 09 23 53-0732	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	256.65	36.88
23 09 23 53-0733	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	188.55	36.88
23 09 23 53-0734		**Carrier Sensors And Controls** *(23 09 23 53)*		
23 09 23 53-0735	EA	Touch Screen Controller, Supports 512 ID Units (Carrier BMS-CT5120UL)	6,236.97	153.51
23 09 23 53-0736	EA	Wired Remote Controller (Carrier RBC-AMS54E-UL)	384.49	36.88
23 09 23 53-0737	EA	Remote Sensor (Carrier TCB-TC41UL)	330.70	36.88
23 09 23 53-0738	EA	VRF Start-up Assistance (Carrier VRFSA)	2,445.30	
23 09 23 53-0739	EA	2 Speed VFD Display Kit (Carrier CRDISKIT001A00)	531.28	57.63

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.58	1.00
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.28	1.03
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.30	1.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.47	1.09
23 09 43 00-0007		**Fire Resistant Polyethylene Pneumatic Tubing** *(23 09 43 00-0001)*		
23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.30	1.00
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.47	1.03
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.84	1.06
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.54	1.09
23 09 43 00-0012		**Nylon Pneumatic Tubing** *(23 09 43 00-0001)*		
23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.73	0.97
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.63	1.00
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.50	1.06
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	7.06	1.09
23 09 43 00-0017		**Flexible Vinyl Pneumatic Tubing** *(23 09 43 00-0001)*		
23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.67	1.00
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.33	1.06
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.23	1.09
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.38	1.12
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	7.22	1.15
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.91	1.18
23 09 43 00-0024		**Braided Vinyl Pneumatic Tubing** *(23 09 43 00-0001)*		
23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.62	1.12
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	4.21	1.15
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	5.28	1.18
23 09 43 00-0028		**Copper Pneumatic Tubing** *(23 09 43 00-0001)*		
23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	5.74	2.16
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	7.04	2.48
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	8.19	2.86
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	10.19	3.29
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	11.57	3.78
23 09 43 00-0034		**Brass Couplings** *(23 09 43 00-0001)*		
23 09 43 00-0035		**Straight Brass Couplings** *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	11.75	5.44
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	11.89	5.44
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	12.03	5.44
23 09 43 00-0039		**Elbow Brass Couplings** *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	12.53	5.44
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	13.00	5.44
23 09 43 00-0042		**Tee Brass Couplings** *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	19.12	8.47
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	22.02	9.08
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	21.52	9.08

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		**Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping** *(23 11 23)*		
23 11 23 00-0002		**Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0001)*		
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.44	2.13
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.09	2.29
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.48	2.49
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.68	2.63
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.58	2.77
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	19.09	2.88
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.83	3.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0010		**Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0001)*		
23 11 23 00-0011		**Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.76	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.76	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.98	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.98	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.59	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.33	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.33	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.97	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	167.92	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	271.60	
23 11 23 00-0022		**Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.80	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.98	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.98	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.59	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.59	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.97	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.97	
23 11 23 00-0030		**Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.16	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.83	
23 11 23 00-0033		**Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.21	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.71	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.30	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.95	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	153.03	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	298.25	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	494.93	
23 11 23 00-0041		**Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.00	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.46	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	144.59	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	248.40	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	267.06	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	306.58	
23 11 23 00-0048		**Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.03	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.30	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.65	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.90	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.71	
23 11 23 00-0054		**Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.77	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.89	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.27	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.03	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.03	

23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.18	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.81	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.01	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	109.32	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	113.50	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	163.43	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	203.10	

23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	67.81	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.38	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	76.49	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	137.91	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	142.32	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	195.57	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	246.63	

23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.25	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.37	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.23	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	98.70	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	191.35	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	304.41	

23 11 23 00-0083 Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

Note: Includes mounting plate.

23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.88	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.92	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.92	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.03	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.47	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.13	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.65	

23 11 23 00-0091 Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.

23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.63	22.29
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.01	23.41

23 11 23 00-0094 Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	68.65	19.50
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	79.87	23.18
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	98.01	27.86
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	122.63	37.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0099		**Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	84.30	23.18
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.69	27.86
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.28	23.18
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.57	27.86
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	190.03	69.66
23 11 23 00-0105		**Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	89.13	23.18
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	89.13	23.18
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.91	23.18
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	134.20	27.86
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	134.20	27.86
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	152.77	37.22
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	228.34	41.80
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	118.58	23.18
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	296.21	27.86
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	720.06	41.80
23 11 23 00-0116		**Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft)** *(23 11 23)*		
23 11 23 00-0117		**3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	47.39	16.72
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.85	17.84
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	56.13	17.84
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	58.86	18.95
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	62.32	18.95
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	69.99	20.06
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	76.95	20.06
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	83.84	21.17
23 11 23 00-0126		**3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	47.39	16.72
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.85	17.84
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	56.13	17.84
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	58.86	18.95
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	62.32	18.95
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	69.99	20.06
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	76.95	20.06
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	83.84	21.17
23 11 23 00-0135		**3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	47.39	16.72
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.85	17.84
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	56.13	17.84
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	58.86	18.95
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	62.32	18.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	69.99	20.06
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	76.95	20.06
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	83.84	21.17
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	47.39	16.72
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.85	17.84
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	66.72	17.84
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	58.86	18.95
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	62.32	18.95
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	69.99	20.06
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	76.95	20.06
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	83.84	21.17
23 11 23 00-0153		3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	51.47	16.72
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	56.92	17.84
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	56.13	17.84
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	65.33	18.95
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	62.32	18.95
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	69.99	20.06
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	76.95	20.06
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	83.84	21.17
23 11 23 00-0162		3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	47.39	16.72
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	62.13	17.84
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	58.86	18.95
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	62.32	18.95
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	69.99	20.06
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	87.75	20.06
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	83.84	21.17
23 11 23 00-0170		3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	47.39	16.72
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.85	17.84
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	56.13	17.84
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	58.86	18.95
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	62.32	18.95
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	69.99	20.06
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	76.95	20.06
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	83.84	21.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0179		**3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	47.39	16.72
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.85	17.84
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	56.13	17.84
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	58.86	18.95
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	62.32	18.95
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	69.99	20.06
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	76.95	20.06
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	83.84	21.17
23 11 23 00-0188		**3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	56.92	17.84
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	56.13	17.84
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	65.33	18.95
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	69.48	18.95
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	79.08	20.06
23 11 23 00-0194		**1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	47.39	16.72
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.85	17.84
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	51.89	17.84
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	58.86	18.95
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	57.25	18.95
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	71.53	20.06
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	76.95	20.06
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	83.84	21.17
23 11 23 00-0203		**1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	47.39	16.72
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	48.39	17.84
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	49.55	17.84
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	58.86	18.95
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	62.32	18.95
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	63.37	20.06
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	76.95	20.06
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	83.84	21.17
23 11 23 00-0212		**1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	47.39	16.72
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.85	17.84

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23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	56.13	17.84
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	58.86	18.95
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	53.72	18.95
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	69.99	20.06
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	76.95	20.06
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	83.84	21.17
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	61.93	16.72
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	66.37	17.84
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	70.64	17.84
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	73.36	18.95
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	76.95	18.95
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	84.17	20.06
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	91.72	20.06
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	98.62	21.17
23 11 23 00-0230		3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	73.07	22.29
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	77.52	23.41
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	81.79	23.41
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	84.50	24.52
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	88.09	24.52
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	95.32	25.64
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	102.87	25.64
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	109.77	26.75
23 11 23 00-0239		3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	73.07	22.29
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	77.52	23.41
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	81.79	23.41
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	84.50	24.52
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	88.09	24.52
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	95.32	25.64
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	102.87	25.64
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	109.77	26.75
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	84.90	22.29
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	89.34	23.41
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	93.62	23.41
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	96.32	24.52

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23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	99.93	24.52
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	107.15	25.64
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	114.70	25.64
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	84.90	22.29
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	89.34	23.41
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	93.62	23.41
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	99.93	24.52
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	107.15	25.64
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	114.70	25.64
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	84.90	22.29
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	89.34	23.41
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	93.62	23.41
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	96.32	24.52
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	99.93	24.52
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	107.15	25.64
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	114.70	25.64
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	121.60	26.75
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	69.95	22.29
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	74.42	23.41
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	78.71	23.41
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	81.39	24.52
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	84.99	24.52
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	92.20	25.64
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	106.62	26.75
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	82.83	23.41
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	88.05	23.41
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	43.77	11.86
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	44.12	12.10
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	63.18	13.31
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	43.41	11.86
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	45.82	12.10
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	50.82	12.10
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	55.45	12.70
23 11 23 00-0291	EA	5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	58.00	12.70
23 11 23 00-0292	EA	5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	58.00	12.70
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	45.31	11.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	47.72	12.10
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	59.35	12.70
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	47.97	12.10
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	64.62	13.31
23 11 23 00-0298	EA	3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	45.22	11.86
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	43.16	11.86
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	44.11	12.10
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	60.43	13.31
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	81.47	15.13
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	115.84	15.73
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	137.39	18.15
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	169.19	21.78
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	45.21	12.10
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	60.10	13.31

23 11 23 00-0308 Gas Stops *(23 11 23)*

23 11 23 00-0309 Brass/Bronze Gas Stops *(23 11 23 00-0308)*

Note: Flat or square head

23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	56.83	12.10
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	56.69	12.10
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	74.30	13.31
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	105.45	15.13
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	140.67	16.10
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	178.06	18.63
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	248.81	22.03

23 11 23 00-0317 Iron Body Gas Stops *(23 11 23 00-0308)*

23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	77.73	12.10
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	95.00	13.31
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	117.93	15.13
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	152.79	16.10
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	193.29	18.63
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	252.27	22.03
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	495.74	29.76
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	668.04	34.55

23 11 23 00-0326 Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*

23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	205.32	12.10
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	239.57	12.10
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	304.81	13.31
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	458.68	15.13
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	822.30	18.63
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,404.25	22.03
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,738.55	29.76
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,624.72	34.55

23 11 26 Facility Liquefied-Petroleum Gas Piping *(23 11)*

23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*

23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).

23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	23.21	8.02
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.99*	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	27.81	9.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.79*	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	36.60	14.16
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.88*	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	43.09	16.27
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.89*	
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	50.35	18.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.48*	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	69.91	22.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-24.78*	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	93.21	26.23
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-29.55*	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	212.98	33.04
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-37.18*	

23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 26 00-0001)*

23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	175.65	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	207.06	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	248.41	111.45
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-125.30*	
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	310.22	130.50
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-143.95*	
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	374.72	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	539.95	182.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-205.79*	
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	695.54	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	1,575.29	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	176.07	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	207.19	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	248.81	111.56
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-125.39*	
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	313.38	132.52
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-146.28*	
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	374.56	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	539.95	182.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-205.79*	
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,193.38	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,575.29	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 26 00-0011)*

23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	359.15	119.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-134.83*	
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	444.75	144.45
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-162.38*	
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	505.83	167.30
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-188.09*	
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	643.95	198.73
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.51*	
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	777.85	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	978.77	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	1,574.68	330.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-371.74*	
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	2,108.01	401.92
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-451.92*	

23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 26 00-0011)*

23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	480.58	119.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-134.83*	
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	618.27	144.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-162.17*	
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	726.56	167.30
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-188.08*	
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	831.90	198.73
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.51*	
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	933.05	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	1,224.22	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	1,884.26	330.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-371.74*	
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	2,445.48	401.92
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-451.92*	

23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 26 00-0011)*

23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	271.84	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	353.38	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	386.65	111.56
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-125.39*	
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	448.65	132.52
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-146.28*	
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	507.22	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	675.42	182.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-205.79*	
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	864.30	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	1,183.14	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 26 00-0011)*

23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	217.58	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	249.74	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	283.12	111.56
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-125.39*	
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	347.24	132.52
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-146.28*	
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	407.98	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	402.00	182.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-205.79*	
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	513.82	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	808.48	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0066 Fiberglass Reinforced Plastic Nipples *(23 11 26 00-0011)*

23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	41.36	9.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.79*	
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	82.66	19.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-21.52*	
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	139.99	14.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.55*	
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	162.68	20.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-23.07*	
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	151.87	14.60
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.46*	
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	182.82	21.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-24.69*	
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	227.13	24.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-27.17*	
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	271.40	26.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-29.66*	
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	143.24	30.73
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-34.58*	
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	195.33	43.90
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-49.36*	
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	240.83	31.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-35.14*	
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	361.48	46.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-52.63*	
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	281.27	32.27
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-36.24*	
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	367.99	48.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-54.36*	

23 11 26 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings *(23 11 26 00-0011)*

23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	144.62	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	173.99	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	201.17	111.56
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-125.39*	
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	242.02	132.52
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-146.28*	
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	279.46	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	362.32	182.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-205.79*	
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	464.35	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	567.64	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0090 Fiberglass Reinforced Plastic Flanges *(23 11 26 00-0011)*

23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	147.72	79.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.88*	
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	178.09	95.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-107.86*	
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	210.71	109.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-123.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	254.24	130.50
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-144.05*	
23 11 26 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	297.45	146.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-164.63*	
23 11 26 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	368.59	175.16
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-197.00*	
23 11 26 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	492.34	220.38
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-247.83*	
23 11 26 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	679.57	273.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-307.31*	

23 11 26 00-0099 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings *(23 11 26)*

23 11 26 00-0100 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing *(23 11 26 00-0099)*

23 11 26 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	129.23	34.44
23 11 26 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	154.03	40.79
23 11 26 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	197.03	60.18
23 11 26 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	276.49	78.02
23 11 26 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	396.71	94.38
23 11 26 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	540.18	111.95
23 11 26 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	690.12	141.25

23 11 26 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings *(23 11 26 00-0099)*

23 11 26 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows *(23 11 26 00-0108)*

23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,285.70	426.21
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,633.30	511.57
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,291.65	594.49
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	5,750.20	780.67
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	9,299.26	976.02
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	12,533.10	1,174.24
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	16,730.33	1,454.10

23 11 26 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows *(23 11 26 00-0108)*

23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,289.28	426.21
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,627.02	511.57
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,286.72	594.49
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	5,721.17	780.67
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	9,257.24	976.02
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	12,476.13	1,174.78
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	16,657.27	1,457.40

23 11 26 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees *(23 11 26 00-0108)*

23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,185.85	639.31
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,989.35	770.48
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,504.36	892.19
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	7,317.43	1,175.33
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	9,250.54	1,457.40
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	16,037.96	1,760.97
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	21,893.76	2,135.11

23 11 26 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes *(23 11 26 00-0108)*

23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,693.51	639.31
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,145.78	769.59
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	7,245.43	892.19
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	9,244.49	1,175.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	12,298.11	1,457.40
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	19,881.92	1,760.97
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	26,083.90	2,135.11
23 11 26 00-0141		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers *(23 11 26 00-0108)*		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,526.29	426.21
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,369.06	511.57
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,616.29	594.49
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	4,742.87	780.67
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	6,442.96	976.02
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	8,389.17	1,174.24
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	11,783.14	1,454.10
23 11 26 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters *(23 11 26 00-0108)*		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,852.50	426.21
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,082.28	511.57
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,330.75	594.49
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,510.69	780.67
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,047.95	976.02
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	4,037.45	1,174.24
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	7,131.14	1,454.10
23 11 26 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 26 00-0108)*		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	411.73	51.16
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	823.08	102.09
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,581.93	78.46
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,801.99	109.43
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,730.20	78.04
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,036.87	117.11
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,089.74	140.71
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,451.98	163.97
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,959.12	234.10
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,658.37	166.60
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,991.23	249.58
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,150.09	171.87
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	4,055.83	257.81
23 11 26 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 26 00-0108)*		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,452.18	584.53
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,138.30	780.67
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,716.24	934.43
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	3,770.68	1,174.24
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	5,530.44	1,454.10

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)*		
		Note: Heavy-duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,533.80	323.47
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,612.86	391.52
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,768.39	465.13
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,661.50	323.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,751.13	391.52
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,840.56	465.13
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,156.54	181.25
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,357.64	203.01
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,485.55	227.55
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,622.40	256.54
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,266.26	285.55
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,765.55	319.56
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,065.61	358.05
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,730.28	400.44
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,392.31	448.95
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	4,917.98	503.61
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,513.87	564.52
23 12 16		**Facility Gasoline Dispensing Pumps** *(23 12)*		
23 12 16 00-0001		Unloading Hose And Accessories *(23 12 16)*		
23 12 16 00-0002		Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings *(23 12 16 00-0001)*		
23 12 16 00-0003		Two Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	309.53	45.23
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	361.41	45.23
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	506.08	45.23
23 12 16 00-0007		Two Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	616.72	91.60
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	718.20	91.60
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,010.70	91.60
23 12 16 00-0011		Three Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	775.71	45.23
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	962.18	61.06
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,353.74	75.76
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,700.47	91.60
23 12 16 00-0016		Three Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,384.82	91.60
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,695.34	120.99
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,283.06	152.66
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,787.17	182.06
23 12 16 00-0021		Tank Car Unloading Hose Assemblies *(23 12 16 00-0001)*		
23 12 16 00-0022		Flexible Galvanized Hose Assemblies *(23 12 16 00-0021)* Note: Each end includes a female coupling.		
23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	665.13	106.30
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	803.70	106.30
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	945.65	106.30
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	1,499.93	106.30
23 12 16 00-0027		Standard Gas Station Pumps *(23 12 16)*		
23 12 16 00-0028		Gasoline Pumps *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,704.19	904.65
23 12 16 00-0030		Gasoline Pumps With Vapor Recovery System *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	11,360.27	1,356.99
23 12 23		**Facility Natural-Gas Pumps** *(23 12)*		
23 12 23 00-0001		Natural Gas Booster Pump *(23 12 23)*		
23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	1,249.08	167.32
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	1,483.03	186.84
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,664.63	195.20
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,891.20	203.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	2,142.22	209.14

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,564.48	786.05
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	18,982.53	786.05
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	27,444.83	982.51
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	37,532.87	1,919.07
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	59,816.74	2,467.24
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	66,629.85	2,833.70
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	71,862.69	3,746.75
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	74,298.28	4,022.79
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	90,693.62	4,752.41
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	105,037.98	5,481.56
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	134,458.17	6,028.02
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	159,381.19	7,318.98
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	164,610.69	7,767.34
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	201,718.60	12,320.62
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	247,826.16	15,976.82
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	292,046.53	18,280.39
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	375,971.59	19,651.42
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	509,944.20	20,155.35

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,671.47	786.05
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,868.69	982.51
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,630.32	1,215.65
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,653.13	1,480.71
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,672.37	1,736.64
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,745.94	2,285.05
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,910.41	3,473.27
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,677.59	4,387.30
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	18,848.14	4,935.71
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	21,177.66	5,849.72
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,360.88	6,946.54
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	33,611.91	8,683.19
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	42,364.42	11,608.05
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	63,636.79	14,441.51
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	78,062.31	17,366.37
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	111,360.06	25,135.53
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	159,019.45	31,990.68

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,092.15	786.05
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,989.83	982.51
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,374.40	1,188.23
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,667.11	1,736.76
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,928.07	2,285.05
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	24,004.51	3,473.27
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,671.16	4,387.30
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	32,839.97	4,935.71
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	35,169.48	5,849.72
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	42,601.98	6,946.54
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	58,659.77	8,683.19
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	72,596.75	11,608.05
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	112,292.31	17,366.37

23 13 13 23-0034 Underground Storage Tank Pump Enclosures *(23 13 13 23)*

23 13 13 23-0035	EA	Secondary Containment Collar	3,294.80	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	3,294.80	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	658.96	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,317.92	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,647.40	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0040		Rehabilitation Of Fiberglass Reinforced Polyester (FRP) Lining Tanks *(23 13 13 23)*		
		Note: Fiberglass Reinforced Plastic Tanks (Sodium Hypochlorite Storage Tanks).		
23 13 13 23-0041	DAY	Fiberglass Reinforced Polyester (FRP) Storage Tank, Lining Inspection, Two Man Crew With Confined Space Certification, Maximum Of Two Tanks Per Day, 10 Hour Day	1,300.00	
		Note: Includes inspection report and repair estimate.		
23 13 13 23-0042	SF	Fiberglass Reinforced Polyester (FRP) Storage Tank, Interior Lining Repairs, Inner Surface And Interior Layer Repair	110.93	
		Note: 50 SF minimum.		
23 13 13 23-0043	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, Side Manway Installation, 24" Diameter Manway	9,789.12	
23 13 13 23-0044	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, Side Manway Installation, 30" Diameter Manway	14,556.26	
23 13 13 23-0045	SF	Fiberglass Reinforced Polyester (FRP) Storage Tank, Lining Replacement	134.92	
		Note: Includes sandblasting, priming, lining and top coating. Excludes disposal of sandblasting sand.		
23 13 13 23-0046	LF	Fiberglass Reinforced Polyester (FRP) Storage Tank, Seam Repair	287.83	
		Note: Circumference of a tank knuckle (FT) = tank diameter (FT) x 3.14.		
23 13 13 23-0047	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1" Non-Gusseted Flange Installation	4,323.40	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*142.00*	
23 13 13 23-0048	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1-1/2" Non-Gusseted Flange Installation	4,356.38	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*153.00*	
23 13 13 23-0049	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 2" Non-Gusseted Flange Installation	4,425.34	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*176.00*	
23 13 13 23-0050	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 3" Non-Gusseted Flange Installation	4,605.24	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*236.00*	
23 13 13 23-0051	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 4" Non-Gusseted Flange Installation	4,671.20	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*318.00*	
23 13 13 23-0052	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 6" Non-Gusseted Flange Installation	5,018.99	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*374.00*	
23 13 13 23-0053	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1" Gusseted Flange Installation	4,638.22	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*247.00*	
		For Blade Gusseted Outlet, Add	*695.73*	
23 13 13 23-0054	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1-1/2" Gusseted Flange Installation	4,686.19	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*263.00*	
		For Blade Gusseted Outlet, Add	*702.93*	
23 13 13 23-0055	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 2" Gusseted Flange Installation	4,830.10	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*135.00*	
		For Blade Gusseted Outlet, Add	*724.52*	
23 13 13 23-0056	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 3" Gusseted Flange Installation	5,129.92	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*175.00*	
		For Blade Gusseted Outlet, Add	*769.49*	
23 13 13 23-0057	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 4" Gusseted Flange Installation	5,315.81	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*215.00*	
		For Blade Gusseted Outlet, Add	*797.37*	
23 13 13 23-0058	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 6" Gusseted Flange Installation	5,798.52	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Additional Flange Installation During The Same Day, Add	*260.00*	
		For Blade Gusseted Outlet, Add	*869.78*	
23 13 13 23-0059	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 2" Gusseted Full Bottom Drain Flange Installation	8,649.81	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For Blade Gusseted Outlet, Add	*1,297.47*	
23 13 13 23-0060	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 3/8" Female Threaded Coupling Installation	4,182.49	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add Note: (Total Of Three Couplings), Add	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add Note: (Total Of Four Couplings), Add	*300.00*	
23 13 13 23-0061	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1/2" Female Threaded Coupling Installation	4,182.49	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add Note: (Total Of Three Couplings), Add	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add Note: (Total Of Four Couplings), Add	*300.00*	
23 13 13 23-0062	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 3/4" Female Threaded Coupling Installation	4,182.49	
		Note: Includes Labor, Material And Removal Of Old Flange		
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add Note: (Total Of Three Couplings), Add	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add Note: (Total Of Four Couplings), Add	*300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0063	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,182.49	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*300.00*	
23 13 13 23-0064	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 1-1/2" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,182.49	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*300.00*	
23 13 13 23-0065	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 2" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,182.49	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*100.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*200.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*300.00*	
23 13 13 23-0066	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 2-1/2" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,332.40	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*145.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*270.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*435.00*	
23 13 13 23-0067	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 3" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,332.40	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*145.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*270.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*435.00*	
23 13 13 23-0068	EA	Fiberglass Reinforced Polyester (FRP) Storage Tank, 4" Female Threaded Coupling Installation Note: Includes Labor, Material And Removal Of Old Flange	4,332.40	
		For One Additional Coupling Installation During The Same Day (Total Of Two Couplings)	*145.00*	
		For Two Additional Coupling Installation During The Same Day, (Total Of Three Couplings), Add *Note: (Total Of Three Couplings), Add*	*270.00*	
		For Three Additional Coupling Installation During The Same Day, (Total Of Four Couplings), Add *Note: (Total Of Four Couplings), Add*	*435.00*	

23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks *(23 13)*

23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 13-0001 Vertical Rectangular Double Wall Steel Fuel Day Tank *(23 13 23 13)*
Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.

23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,190.18	145.30
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,277.72	152.57
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,386.74	163.46
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,591.76	174.35
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,773.59	181.62
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,091.26	217.94
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,810.11	254.27
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,552.95	290.59
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,552.94	326.92
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,074.63	363.23
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,809.44	435.89
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,509.96	508.53
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,231.04	581.18
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,021.88	617.51
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,817.86	653.83
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,721.86	690.15
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,512.70	726.48
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,714.88	871.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,636.55	944.42
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,874.72	1,089.71
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,118.05	1,235.01
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,440.47	145.30
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,529.72	152.57
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,638.74	163.46
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,842.05	174.35
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,023.88	181.62
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,343.27	217.94
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,086.12	254.27
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,828.96	290.59
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,828.95	326.92
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,350.64	363.23
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,085.44	435.89
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,785.96	508.53
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,507.05	581.18
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,297.89	617.51
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,093.87	653.83
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,999.58	690.15
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,790.42	726.48
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,990.88	871.78
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,912.55	944.42
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,150.72	1,089.71
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,394.06	1,235.01
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,388.49	145.30
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,467.46	152.57
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,538.76	163.46
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,810.64	174.35
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,913.61	181.62
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,221.00	217.94
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,876.42	254.27
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,890.12	290.59
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,499.24	326.92
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,183.25	363.23
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,120.34	435.89
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,687.15	508.53
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,456.23	581.18
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,211.07	617.51
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,205.91	653.83
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,621.33	690.15
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,993.87	726.48
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,722.35	871.78
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,393.17	944.42

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,224.50	1,089.71
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,084.99	1,235.01
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,519.94	145.30
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,598.91	152.57
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,670.21	163.46
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,942.09	174.35
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,045.06	181.62
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,352.45	217.94
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,007.87	254.27
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,021.57	290.59
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,706.13	326.92
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,920.40	363.23
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,857.50	435.89
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,426.02	508.53
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,193.39	581.18
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,949.94	617.51
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,943.07	653.83
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,358.48	690.15
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,731.03	726.48
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,459.51	871.78
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,132.05	944.42
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,961.66	1,089.71
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,822.14	1,235.01
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,152.52	145.30
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,240.06	152.57
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,313.08	163.46
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,593.53	174.35
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,744.50	181.62
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,024.47	217.94
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,705.60	254.27
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,767.30	290.59
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,398.71	326.92
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,147.86	363.23
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,132.95	435.89
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,646.61	508.53
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,518.56	581.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,431.11	617.51
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,348.81	653.83
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,813.94	690.15
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,160.77	726.48
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,966.39	871.78
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,717.79	944.42
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,629.69	1,089.71
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,567.32	1,235.01
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,283.98	145.30
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,371.52	152.57
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,444.53	163.46
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,724.98	174.35
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,875.95	181.62
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,152.49	217.94
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,837.05	254.27
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,898.75	290.59
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,530.16	326.92
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,885.01	363.23
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,870.11	435.89
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,555.20	508.53
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,255.71	581.18
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,168.27	617.51
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,085.97	653.83
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,551.10	690.15
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,899.65	726.48
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,703.55	871.78
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,454.95	944.42
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,366.85	1,089.71
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,304.48	1,235.01
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,179.00	145.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,277.10	152.57
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,385.78	163.46
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,582.71	174.35
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,099.44	181.62
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,159.97	217.94
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,713.84	254.27
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,355.94	290.59
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,403.11	326.92
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,527.21	363.23
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,634.92	435.89
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,133.90	508.53
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,635.14	581.18
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,381.34	617.51
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,129.80	653.83
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,780.99	690.15
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,438.92	726.48
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,817.05	871.78
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,114.84	944.42
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,569.91	1,089.71
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,975.21	1,235.01
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,243.16	152.57
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,352.09	163.46
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,465.79	174.35
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,666.60	181.62
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,259.79	217.94
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,320.34	254.27
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,901.60	290.59
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,576.02	326.92
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,678.00	363.23
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,861.19	399.56
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	7,023.70	472.21
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,543.68	544.86
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	8,066.04	617.51
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,850.33	653.83
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,637.02	690.15
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,321.01	726.48
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	11,072.67	799.12
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,513.92	944.42
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,998.15	1,089.71
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,520.62	1,235.01
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,990.52	1,380.31
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,357.77	145.30
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,478.50	152.57
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,600.75	163.46
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,842.94	174.35
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,456.98	181.62
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,517.51	217.94
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,152.84	254.27
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,901.30	290.59
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,133.41	326.92
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,513.84	363.23
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,822.94	435.89
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,392.08	508.53
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,965.73	581.18
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,854.49	617.51
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,745.51	653.83
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,503.04	690.15
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,278.66	726.48
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,894.40	871.78
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,432.05	944.42
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,124.72	1,089.71
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,767.63	1,235.01
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,431.86	152.57
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,564.67	163.46
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,692.71	174.35
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,941.29	181.62
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,637.20	217.94
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,697.75	254.27
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,364.99	290.59
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,151.68	326.92
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,448.87	363.23
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,902.62	399.56
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,277.73	472.21
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,871.76	544.86
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,470.55	617.51
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,405.32	653.83
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,342.50	690.15
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,138.73	726.48
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	13,014.62	799.12
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,706.67	944.42
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,444.09	1,089.71
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,217.37	1,235.01
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,938.07	1,380.31

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,324.33	789.69
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,400.27	955.92
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,662.56	1,339.13
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	11,201.95	1,673.91
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,428.00	2,245.93
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	20,319.38	2,311.98
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	29,574.48	2,858.45
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	40,656.22	3,275.24
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	48,478.85	3,572.96
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	56,289.60	3,930.28
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	62,311.86	4,366.94
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	77,822.55	5,614.64
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	106,382.83	6,550.47

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,466.72	985.35
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,173.31	1,192.39
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,576.06	1,673.91
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	17,810.99	2,092.40
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	22,879.62	2,807.38
23 13 23 16-0021	EA	2,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	27,710.63	2,807.38
		For 1/4" Thick Shell, Add	*6,650.55*	
		For Fireguard® Tanks, Add	*4,044.88*	
23 13 23 16-0022	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	32,656.84	2,889.89
23 13 23 16-0023	EA	4,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	40,235.22	3,225.02
		For 1/4" Thick Shell, Add	*9,656.45*	
		For Fireguard® Tanks, Add	*6,074.98*	
23 13 23 16-0024	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	47,813.49	3,560.05
23 13 23 16-0025	EA	6,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	53,383.62	3,699.95
		For 1/4" Thick Shell, Add	*12,812.07*	
		For Fireguard® Tanks, Add	*8,197.40*	
23 13 23 16-0026	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	66,141.92	4,094.08
23 13 23 16-0027	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	79,065.15	4,466.26
23 13 23 16-0028	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	91,933.24	4,912.79
23 13 23 16-0029	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	101,759.31	5,458.77
23 13 23 16-0030	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	126,994.10	7,018.33
23 13 23 16-0031	EA	25,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	150,630.19	7,603.18
		For Fireguard® Tanks, Add	*23,803.58*	
23 13 23 16-0032	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	174,266.29	8,188.03

23 13 23 16-0033 Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks *(23 13 23 16)*

Note: Includes solenoid valve. Excludes piping and concrete pad.

23 13 23 16-0034	EA	550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	16,523.11	1,192.39
23 13 23 16-0035	EA	750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	17,485.01	1,380.98
23 13 23 16-0036	EA	1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	19,643.34	1,673.91
23 13 23 16-0037	EA	1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	23,499.67	2,092.40
23 13 23 16-0038	EA	2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank Note: Includes 2" solenoid valve.	30,066.34	2,807.38

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	5,126.41
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	6,195.27
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	13,504.60
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	14,791.34
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	21,006.55
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	23,534.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	31,061.39	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	36,456.27	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	41,415.24	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	50,431.81	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	64,554.34	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	28,578.49	1,699.95
		For Low Profile Tanks, Add	*10,482.59*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	35,969.14	1,919.07
		For Low Profile Tanks, Add	*13,316.54*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	63,696.18	2,285.05
		For Low Profile Tanks, Add	*24,203.10*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	101,074.39	5,026.01
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	115,438.66	5,489.24
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	129,900.73	5,927.96
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	144,337.19	6,432.63
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	158,765.63	6,847.23

23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

23 13 33 00-0001 EPA Requirements *(23 13 33)*

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	788.79	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,487.84	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	4,818.89	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	3,676.42	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	159.38	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	453.55	
23 13 33 00-0008	EA	Manhole Spill Containment	1,269.33	282.71
23 13 33 00-0009	EA	Fill Adapter, 4"	360.16	188.50
23 13 33 00-0010	EA	Fill Cap, 4"	245.33	70.68
23 13 33 00-0011	EA	2" Vent Cap	147.02	47.16
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	504.83	70.68
23 13 33 00-0013	EA	Float Vent Valve	429.63	141.35
23 13 33 00-0014	EA	Vapor Hose Adapter	481.31	94.20
23 13 33 00-0015	EA	Dust Cap	206.78	51.45
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	489.87	80.74
23 13 33 00-0017	EA	10' Wood Gage Stick	44.32	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	178.34	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	242.46	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	85.10	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	114.35	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	178.71	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	1,093.84	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,951.57	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,311.22	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,517.62	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,758.56	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	3,965.29	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	4,903.75	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	5,428.04	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	6,679.93	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	7,913.22	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	8,857.76	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	10,234.38	

23 13 33 00-0035 Tank Bulkhead Fittings *(23 13 33)*

23 13 33 00-0036 Tank Bulkhead Fittings *(23 13 33 00-0035)*

23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	47.89	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	53.49	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	58.80	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	70.80	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	73.21	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	95.61	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	150.19	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	260.97	

23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	55.44	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	61.01	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	66.62	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	82.96	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	88.56	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	109.52	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	168.73	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	287.30	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	57.16	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	65.95	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	74.45	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	96.08	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	125.14	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	193.92	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	302.96	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	66.73	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	78.69	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	96.73	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	117.70	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	120.11	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	171.17	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	305.09	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	543.27	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	58.99	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	75.80	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	78.23	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	80.64	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	111.82	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	141.01	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	248.09	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	283.59	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	348.46	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	401.70	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	462.76	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	582.66	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	756.67	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	835.94	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	254.49	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	254.97	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	371.62	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	379.47	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	511.33	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

See CSI section 22 11 16 00-0000 for additional galvanized or copper piping, 40 05 23 23-0000 for stainless steel pipe and fittings.

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.06	4.46
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.13*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.99	4.79
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.71*	
		For Work In Restricted Working Space, Add	*4.82*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.40	5.24
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*6.44*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.27	5.46
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*7.98*	
		For Work In Restricted Working Space, Add	*5.48*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.13	6.47
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.60*	
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.16	7.80
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*10.40*	
		For Work In Restricted Working Space, Add	*6.26*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	54.32	9.25
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*15.41*	
		For Work In Restricted Working Space, Add	*7.77*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	68.93	12.37
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*19.74*	
		For Work In Restricted Working Space, Add	*9.51*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	94.84	14.60
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*28.52*	
		For Work In Restricted Working Space, Add	*10.54*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	141.52	18.65
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*44.25*	
		For Work In Restricted Working Space, Add	*12.56*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	170.65	22.06
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*53.84*	
		For Work In Restricted Working Space, Add	*14.23*	

23 21 13 23-0014 Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

23 21 13 23-0015 Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)*

Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.

23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.79	2.79
		For Schedule 80 Pipe, Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.69*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.36	4.46
		For Schedule 80 Pipe, Add	*2.30*	
		For Work In Restricted Working Space, Add	*2.03*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	11.88	4.79
		For Schedule 80 Pipe, Add	*2.83*	
		For Work In Restricted Working Space, Add	*2.16*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.03	5.24
		For Schedule 80 Pipe, Add	*3.59*	
		For Work In Restricted Working Space, Add	*2.34*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	16.61	5.46
		For Schedule 80 Pipe, Add	*4.58*	
		For Work In Restricted Working Space, Add	*2.48*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	19.68	6.47
		For Schedule 80 Pipe, Add	*5.46*	
		For Work In Restricted Working Space, Add	*2.91*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	24.81	7.80
		For Schedule 80 Pipe, Add	*7.06*	
		For Work In Restricted Working Space, Add	*3.52*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	34.61	9.25
		For Schedule 80 Pipe, Add	*10.70*	
		For Work In Restricted Working Space, Add	*4.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	45.65	12.37
		For Schedule 80 Pipe, Add	*14.04*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	62.41	14.60
		For Schedule 80 Pipe, Add	*20.40*	
		For Work In Restricted Working Space, Add	*6.59*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	81.70	18.65
		For Schedule 80 Pipe, Add	*26.99*	
		For Work In Restricted Working Space, Add	*8.38*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	103.94	22.06
		For Schedule 80 Pipe, Add	*35.21*	
		For Work In Restricted Working Space, Add	*9.91*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	145.08	26.67
		For Schedule 80 Pipe, Add	*51.32*	
		For Work In Restricted Working Space, Add	*11.97*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	197.63	32.48
		For Schedule 80 Pipe, Add	*71.86*	
		For Work In Restricted Working Space, Add	*14.63*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	264.17	42.69
		For Schedule 80 Pipe, Add	*96.47*	
		For Work In Restricted Working Space, Add	*19.21*	

23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0032	EA	3/8", 150 Lb., Black Malleable Iron 90 Degree Elbow	29.16	16.49
		For 300 Lb. Rating, Add	*12.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0033	EA	1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	32.76	19.84
		For 300 Lb. Rating, Add	*9.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0034	EA	3/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	36.94	22.18
		For 300 Lb. Rating, Add	*10.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*9.98*	
23 21 13 23-0035	EA	1", 150 Lb., Black Malleable Iron 90 Degree Elbow	43.52	24.74
		For 300 Lb. Rating, Add	*17.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0036	EA	1-1/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	52.56	28.09
		For 300 Lb. Rating, Add	*27.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-0037	EA	1-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	61.25	31.65
		For 300 Lb. Rating, Add	*36.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-0038	EA	2", 150 Lb., Black Malleable Iron 90 Degree Elbow	84.08	40.23
		For 300 Lb. Rating, Add	*60.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.38*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0039	EA	2-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	142.26	59.52
		For 300 Lb. Rating, Add	*132.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.85*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0040	EA	3", 150 Lb., Black Malleable Iron 90 Degree Elbow	195.01	78.24
		For 300 Lb. Rating, Add	*193.50*	
		For Standard Weight Cast Iron Fittings, Add	*1.24*	
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-0041	EA	4", 150 Lb., Black Malleable Iron 90 Degree Elbow	294.92	85.39
		For 300 Lb. Rating, Add	*408.19*	
		For Standard Weight Cast Iron Fittings, Add	*2.67*	
		For Work In Restricted Working Space, Add	*38.41*	
23 21 13 23-0042	EA	5", 150 Lb., Black Malleable Iron 90 Degree Elbow	621.25	89.11
		For 300 Lb. Rating, Add	*1,178.35*	
		For Standard Weight Cast Iron Fittings, Add	*7.80*	
		For Work In Restricted Working Space, Add	*40.08*	
23 21 13 23-0043	EA	6", 150 Lb., Black Malleable Iron 90 Degree Elbow	702.98	93.18
		For 300 Lb. Rating, Add	*1,360.30*	
		For Standard Weight Cast Iron Fittings, Add	*9.01*	
		For Work In Restricted Working Space, Add	*41.90*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	33.03	18.17
		For 300 Lb. Rating, Add	*15.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.17*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	37.46	20.95
		For 300 Lb. Rating, Add	*16.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*9.45*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	37.35	19.39
		For 300 Lb. Rating, Add	*21.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*8.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0048	EA	1" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	42.87	23.52
		For 300 Lb. Rating, Add	*20.50*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*10.56*	
23 21 13 23-0049	EA	1" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	41.70	22.29
		For 300 Lb. Rating, Add	*21.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*10.03*	
23 21 13 23-0050	EA	1" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	47.23	20.62
		For 300 Lb. Rating, Add	*40.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	52.46	26.42
		For 300 Lb. Rating, Add	*33.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*11.88*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	52.02	25.07
		For 300 Lb. Rating, Add	*36.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
		For Work In Restricted Working Space, Add	*11.30*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	52.66	23.96
		For 300 Lb. Rating, Add	*42.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*10.77*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	62.89	29.87
		For 300 Lb. Rating, Add	*46.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*13.42*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	60.43	28.20
		For 300 Lb. Rating, Add	*46.10*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*12.68*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	61.11	26.86
		For 300 Lb. Rating, Add	*52.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.33*	
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	80.14	35.89
		For 300 Lb. Rating, Add	*66.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.42*	
		For Work In Restricted Working Space, Add	*16.15*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	81.04	34.11
		For 300 Lb. Rating, Add	*74.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*15.35*	
23 21 13 23-0059	EA	2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	78.58	32.43
		For 300 Lb. Rating, Add	*74.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*14.61*	
23 21 13 23-0060	EA	2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	78.44	31.21
		For 300 Lb. Rating, Add	*78.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
		For Work In Restricted Working Space, Add	*14.03*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	146.87	49.82
		For 300 Lb. Rating, Add	*177.69*	
		For Standard Weight Cast Iron Fittings, Add	*1.15*	
		For Work In Restricted Working Space, Add	*22.41*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	144.72	45.59
		For 300 Lb. Rating, Add	*187.51*	
		For Standard Weight Cast Iron Fittings, Add	*1.22*	
		For Work In Restricted Working Space, Add	*20.49*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	238.30	68.88
		For 300 Lb. Rating, Add	*330.34*	
		For Standard Weight Cast Iron Fittings, Add	*2.16*	
		For Work In Restricted Working Space, Add	*30.97*	
23 21 13 23-0064	EA	3" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	205.45	59.18
		For 300 Lb. Rating, Add	*285.33*	
		For Standard Weight Cast Iron Fittings, Add	*1.87*	
		For Work In Restricted Working Space, Add	*26.63*	
23 21 13 23-0065	EA	4" x 3", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	352.61	81.21
		For 300 Lb. Rating, Add	*561.28*	
		For Standard Weight Cast Iron Fittings, Add	*3.69*	
		For Work In Restricted Working Space, Add	*36.54*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 Lb., Black Malleable Iron 45 Degree Elbow	31.38	16.49
		For 300 Lb. Rating, Add	*17.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0068	EA	1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	34.74	19.84
		For 300 Lb. Rating, Add	*13.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0069	EA	3/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	39.48	22.18
		For 300 Lb. Rating, Add	*16.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*9.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0070	EA	1", 150 Lb., Black Malleable Iron 45 Degree Elbow	44.97	24.74
		For 300 Lb. Rating, Add	*21.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0071	EA	1-1/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	55.89	28.09
		For 300 Lb. Rating, Add	*35.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-0072	EA	1-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	64.54	31.65
		For 300 Lb. Rating, Add	*43.91*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-0073	EA	2", 150 Lb., Black Malleable Iron 45 Degree Elbow	86.11	40.23
		For 300 Lb. Rating, Add	*65.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.41*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0074	EA	2-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	164.04	59.52
		For 300 Lb. Rating, Add	*185.04*	
		For Standard Weight Cast Iron Fittings, Add	*1.20*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0075	EA	3", 150 Lb., Black Malleable Iron 45 Degree Elbow	214.56	78.24
		For 300 Lb. Rating, Add	*240.42*	
		For Standard Weight Cast Iron Fittings, Add	*1.56*	
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-0076	EA	4", 150 Lb., Black Malleable Iron 45 Degree Elbow	318.73	85.39
		For 300 Lb. Rating, Add	*465.34*	
		For Standard Weight Cast Iron Fittings, Add	*3.05*	
		For Work In Restricted Working Space, Add	*38.41*	
23 21 13 23-0077	EA	5", 150 Lb., Black Malleable Iron 45 Degree Elbow	886.86	89.11
		For 300 Lb. Rating, Add	*1,815.82*	
		For Standard Weight Cast Iron Fittings, Add	*12.05*	
		For Work In Restricted Working Space, Add	*40.08*	
23 21 13 23-0078	EA	6", 150 Lb., Black Malleable Iron 45 Degree Elbow	910.34	93.18
		For 300 Lb. Rating, Add	*1,857.96*	
		For Standard Weight Cast Iron Fittings, Add	*12.33*	
		For Work In Restricted Working Space, Add	*41.90*	

23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0080	EA	3/8", 150 Lb., Black Malleable Iron Tee	37.33	20.39
		For 300 Lb. Rating, Add	*17.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*9.29*	
23 21 13 23-0081	EA	1/2", 150 Lb., Black Malleable Iron Tee	41.22	24.74
		For 300 Lb. Rating, Add	*12.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0082	EA	3/4", 150 Lb., Black Malleable Iron Tee	48.70	28.64
		For 300 Lb. Rating, Add	*16.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*12.86*	
23 21 13 23-0083	EA	1", 150 Lb., Black Malleable Iron Tee	60.65	33.77
		For 300 Lb. Rating, Add	*27.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*15.20*	
23 21 13 23-0084	EA	1-1/4", 150 Lb., Black Malleable Iron Tee	76.42	40.23
		For 300 Lb. Rating, Add	*42.45*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0085	EA	1-1/2", 150 Lb., Black Malleable Iron Tee	92.03	47.92
		For 300 Lb. Rating, Add	*52.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-0086	EA	2", 150 Lb., Black Malleable Iron Tee	123.46	59.52
		For 300 Lb. Rating, Add	*87.65*	
		For Standard Weight Cast Iron Fittings, Add	*0.55*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0087	EA	2-1/2", 150 Lb., Black Malleable Iron Tee	191.25	78.24
		For 300 Lb. Rating, Add	*184.47*	
		For Standard Weight Cast Iron Fittings, Add	*1.18*	
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-0088	EA	3", 150 Lb., Black Malleable Iron Tee	248.21	92.96
		For 300 Lb. Rating, Add	*269.72*	
		For Standard Weight Cast Iron Fittings, Add	*1.74*	
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-0089	EA	4", 150 Lb., Black Malleable Iron Tee	424.95	107.89
		For 300 Lb. Rating, Add	*641.41*	
		For Standard Weight Cast Iron Fittings, Add	*4.21*	
		For Work In Restricted Working Space, Add	*48.52*	
23 21 13 23-0090	EA	5", 150 Lb., Black Malleable Iron Tee	989.70	128.08
		For 300 Lb. Rating, Add	*1,925.84*	
		For Standard Weight Cast Iron Fittings, Add	*12.76*	
		For Work In Restricted Working Space, Add	*57.62*	
23 21 13 23-0091	EA	6", 150 Lb., Black Malleable Iron Tee	1,075.50	146.41
		For 300 Lb. Rating, Add	*2,067.57*	
		For Standard Weight Cast Iron Fittings, Add	*13.70*	
		For Work In Restricted Working Space, Add	*65.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0092 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

23 21 13 23-0093	EA	1/2", 150 Lb., Black Malleable Iron Reducing Tee	44.07	24.74
		For 300 Lb. Rating, Add	*18.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0094	EA	3/4", 150 Lb., Black Malleable Iron Reducing Tee	51.89	28.64
		For 300 Lb. Rating, Add	*24.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*12.86*	
23 21 13 23-0095	EA	1", 150 Lb., Black Malleable Iron Reducing Tee	62.04	33.77
		For 300 Lb. Rating, Add	*30.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*15.20*	
23 21 13 23-0096	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Tee	82.62	40.23
		For 300 Lb. Rating, Add	*57.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0097	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Tee	96.70	47.92
		For 300 Lb. Rating, Add	*63.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-0098	EA	2", 150 Lb., Black Malleable Iron Reducing Tee	125.16	59.52
		For 300 Lb. Rating, Add	*91.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.58*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0099	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Tee	229.47	78.24
		For 300 Lb. Rating, Add	*276.20*	
		For Standard Weight Cast Iron Fittings, Add	*1.79*	
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-0100	EA	3", 150 Lb., Black Malleable Iron Reducing Tee	267.76	92.96
		For 300 Lb. Rating, Add	*316.64*	
		For Standard Weight Cast Iron Fittings, Add	*2.06*	
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-0101	EA	4", 150 Lb., Black Malleable Iron Reducing Tee	473.26	107.89
		For 300 Lb. Rating, Add	*757.35*	
		For Standard Weight Cast Iron Fittings, Add	*4.98*	
		For Work In Restricted Working Space, Add	*48.52*	
23 21 13 23-0102	EA	5", 150 Lb., Black Malleable Iron Reducing Tee	914.64	128.08
		For 300 Lb. Rating, Add	*1,745.69*	
		For Standard Weight Cast Iron Fittings, Add	*11.56*	
		For Work In Restricted Working Space, Add	*57.62*	
23 21 13 23-0103	EA	6", 150 Lb., Black Malleable Iron Reducing Tee	1,039.06	146.41
		For 300 Lb. Rating, Add	*1,980.11*	
		For Standard Weight Cast Iron Fittings, Add	*13.11*	
		For Work In Restricted Working Space, Add	*65.85*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 Lb., Black Malleable Iron Coupling	30.23	16.49
		For 300 Lb. Rating, Add	*14.59*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0106	EA	1/2", 150 Lb., Black Malleable Iron Coupling	33.92	19.84
		For 300 Lb. Rating, Add	*11.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0107	EA	3/4", 150 Lb., Black Malleable Iron Coupling	38.19	22.18
		For 300 Lb. Rating, Add	*13.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*9.98*	
23 21 13 23-0108	EA	1", 150 Lb., Black Malleable Iron Coupling	44.52	24.74
		For 300 Lb. Rating, Add	*19.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0109	EA	1-1/4", 150 Lb., Black Malleable Iron Coupling	51.61	28.09
		For 300 Lb. Rating, Add	*25.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-0110	EA	1-1/2", 150 Lb., Black Malleable Iron Coupling	60.33	31.65
		For 300 Lb. Rating, Add	*33.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-0111	EA	2", 150 Lb., Black Malleable Iron Coupling	79.36	40.23
		For 300 Lb. Rating, Add	*49.50*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0112	EA	2-1/2", 150 Lb., Black Malleable Iron Coupling	141.92	59.52
		For 300 Lb. Rating, Add	*131.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.84*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0113	EA	3", 150 Lb., Black Malleable Iron Coupling	188.64	78.24
		For 300 Lb. Rating, Add	*178.21*	
		For Standard Weight Cast Iron Fittings, Add	*1.14*	
		For Work In Restricted Working Space, Add	*35.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0114	EA	4", 150 Lb., Black Malleable Iron Coupling	271.68	85.39
		For 300 Lb. Rating, Add	*352.42*	
		For Standard Weight Cast Iron Fittings, Add	*2.30*	
		For Work In Restricted Working Space, Add	*38.41*	
23 21 13 23-0115	EA	5", 150 Lb., Black Malleable Iron Coupling	538.07	89.11
		For 300 Lb. Rating, Add	*978.72*	
		For Standard Weight Cast Iron Fittings, Add	*6.47*	
		For Work In Restricted Working Space, Add	*40.08*	
23 21 13 23-0116	EA	6", 150 Lb., Black Malleable Iron Coupling	600.46	93.18
		For 300 Lb. Rating, Add	*1,114.25*	
		For Standard Weight Cast Iron Fittings, Add	*7.37*	
		For Work In Restricted Working Space, Add	*41.90*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 Lb., Black Malleable Iron Reducing Coupling	34.94	19.84
		For 300 Lb. Rating, Add	*14.31*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0119	EA	3/4", 150 Lb., Black Malleable Iron Reducing Coupling	38.80	22.18
		For 300 Lb. Rating, Add	*15.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*9.98*	
23 21 13 23-0120	EA	1", 150 Lb., Black Malleable Iron Reducing Coupling	45.75	24.74
		For 300 Lb. Rating, Add	*22.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0121	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Coupling	53.12	28.09
		For 300 Lb. Rating, Add	*29.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-0122	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	61.41	31.65
		For 300 Lb. Rating, Add	*36.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-0123	EA	2", 150 Lb., Black Malleable Iron Reducing Coupling	80.50	40.23
		For 300 Lb. Rating, Add	*52.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0124	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	149.04	59.52
		For 300 Lb. Rating, Add	*149.04*	
		For Standard Weight Cast Iron Fittings, Add	*0.96*	
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0125	EA	3", 150 Lb., Black Malleable Iron Reducing Coupling	190.10	78.24
		For 300 Lb. Rating, Add	*181.71*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-0126	EA	4", 150 Lb., Black Malleable Iron Reducing Coupling	273.92	85.39
		For 300 Lb. Rating, Add	*357.79*	
		For Standard Weight Cast Iron Fittings, Add	*2.33*	
		For Work In Restricted Working Space, Add	*38.41*	
23 21 13 23-0127	EA	5", 150 Lb., Black Malleable Iron Reducing Coupling	461.51	89.11
		For 300 Lb. Rating, Add	*794.98*	
		For Standard Weight Cast Iron Fittings, Add	*5.25*	
		For Work In Restricted Working Space, Add	*40.08*	
23 21 13 23-0128	EA	6", 150 Lb., Black Malleable Iron Reducing Coupling	560.83	93.18
		For 300 Lb. Rating, Add	*1,019.14*	
		For Standard Weight Cast Iron Fittings, Add	*6.74*	
		For Work In Restricted Working Space, Add	*41.90*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 Lb., Black Malleable Iron Cap	16.45	8.80
		For 300 Lb. Rating, Add	*8.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*4.01*	
23 21 13 23-0131	EA	3/4", 150 Lb., Black Malleable Iron Cap	19.13	9.92
		For 300 Lb. Rating, Add	*10.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*4.49*	
23 21 13 23-0132	EA	1", 150 Lb., Black Malleable Iron Cap	21.76	11.04
		For 300 Lb. Rating, Add	*13.10*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*5.02*	
23 21 13 23-0133	EA	1-1/4", 150 Lb., Black Malleable Iron Cap	25.56	12.48
		For 300 Lb. Rating, Add	*17.05*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*5.68*	
23 21 13 23-0134	EA	1-1/2", 150 Lb., Black Malleable Iron Cap	30.45	14.05
		For 300 Lb. Rating, Add	*23.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*6.40*	
23 21 13 23-0135	EA	2", 150 Lb., Black Malleable Iron Cap	40.41	17.95
		For 300 Lb. Rating, Add	*33.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*8.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0136	EA	2-1/2", 150 Lb., Black Malleable Iron Cap	70.65	26.53
		For 300 Lb. Rating, Add	*75.68*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
		For Work In Restricted Working Space, Add	*12.04*	
23 21 13 23-0137	EA	3", 150 Lb., Black Malleable Iron Cap	97.82	34.89
		For 300 Lb. Rating, Add	*111.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
		For Work In Restricted Working Space, Add	*15.84*	
23 21 13 23-0138	EA	4", 150 Lb., Black Malleable Iron Cap	134.83	38.09
		For 300 Lb. Rating, Add	*188.76*	
		For Standard Weight Cast Iron Fittings, Add	*1.24*	
		For Work In Restricted Working Space, Add	*17.29*	
23 21 13 23-0139	EA	5", 150 Lb., Black Malleable Iron Cap	244.15	39.73
		For 300 Lb. Rating, Add	*445.28*	
		For Standard Weight Cast Iron Fittings, Add	*2.94*	
		For Work In Restricted Working Space, Add	*18.04*	
23 21 13 23-0140	EA	6", 150 Lb., Black Malleable Iron Cap	400.19	41.49
		For 300 Lb. Rating, Add	*813.39*	
		For Standard Weight Cast Iron Fittings, Add	*5.40*	
		For Work In Restricted Working Space, Add	*18.86*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 Lb., Black Malleable Iron Union	39.51	16.49
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0143	EA	1/2", 150 Lb., Black Malleable Iron Union	50.49	24.74
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0144	EA	3/4", 150 Lb., Black Malleable Iron Union	58.21	28.64
		For Work In Restricted Working Space, Add	*12.86*	
23 21 13 23-0145	EA	1", 150 Lb., Black Malleable Iron Union	70.66	33.77
		For Work In Restricted Working Space, Add	*15.20*	
23 21 13 23-0146	EA	1-1/4", 150 Lb., Black Malleable Iron Union	88.92	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0147	EA	1-1/2", 150 Lb., Black Malleable Iron Union	107.66	47.92
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-0148	EA	2", 150 Lb., Black Malleable Iron Union	130.75	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0149	EA	2-1/2", 150 Lb., Black Malleable Iron Union	255.48	87.71
		For Work In Restricted Working Space, Add	*39.49*	
23 21 13 23-0150	EA	3", 150 Lb., Black Malleable Iron Union	322.30	115.35
		For Work In Restricted Working Space, Add	*51.96*	
23 21 13 23-0151	EA	3/8", 250 Lb., Black Malleable Iron Union	44.25	16.49
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0152	EA	1/2", 250 Lb., Black Malleable Iron Union	59.50	24.74
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0153	EA	3/4", 250 Lb., Black Malleable Iron Union	64.86	28.64
		For Work In Restricted Working Space, Add	*12.86*	
23 21 13 23-0154	EA	1", 250 Lb., Black Malleable Iron Union	77.63	33.77
		For Work In Restricted Working Space, Add	*15.20*	
23 21 13 23-0155	EA	1-1/4", 250 Lb., Black Malleable Iron Union	105.51	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0156	EA	1-1/2", 250 Lb., Black Malleable Iron Union	124.03	47.92
		For Work In Restricted Working Space, Add	*21.58*	
23 21 13 23-0157	EA	2", 250 Lb., Black Malleable Iron Union	156.03	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0158	EA	2-1/2", 250 Lb., Black Malleable Iron Union	341.19	87.71
		For Work In Restricted Working Space, Add	*39.49*	
23 21 13 23-0159	EA	3", 250 Lb., Black Malleable Iron Union	418.45	115.35
		For Work In Restricted Working Space, Add	*51.96*	
23 21 13 23-0160	EA	4", 250 Lb., Black Malleable Iron Union	623.73	126.00
		For Work In Restricted Working Space, Add	*56.70*	
23 21 13 23-0161	EA	3/8", 300 Lb., Black Malleable Iron Union	56.39	16.49
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-0162	EA	1/2", 300 Lb., Black Malleable Iron Union	62.73	24.74
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0163	EA	3/4", 300 Lb., Black Malleable Iron Union	71.19	28.64
		For Work In Restricted Working Space, Add	*12.86*	
23 21 13 23-0164	EA	1", 300 Lb., Black Malleable Iron Union	87.63	33.77
		For Work In Restricted Working Space, Add	*15.20*	
23 21 13 23-0165	EA	1-1/4", 300 Lb., Black Malleable Iron Union	120.56	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0166	EA	1-1/2", 300 Lb., Black Malleable Iron Union	135.09	47.92
		For Work In Restricted Working Space, Add	*21.58*	
23 21 13 23-0167	EA	2", 300 Lb., Black Malleable Iron Union	167.41	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-0168	EA	2-1/2", 300 Lb., Black Malleable Iron Union	383.88	87.71
		For Work In Restricted Working Space, Add	*39.49*	
23 21 13 23-0169	EA	3", 300 Lb., Black Malleable Iron Union	499.52	115.35
		For Work In Restricted Working Space, Add	*51.96*	
23 21 13 23-0170	EA	4", 300 Lb., Black Malleable Iron Union	1,224.76	126.00
		For Work In Restricted Working Space, Add	*56.70*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	18.95	10.59
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	18.48	10.59
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	18.86	10.59
		For Schedule 80 Nipples, Add	*1.47*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	21.41	11.48
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	23.98	12.37
		For Schedule 80 Nipples, Add	*2.70*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	25.31	12.37
		For Schedule 80 Nipples, Add	*3.37*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	33.13	15.94
		For Schedule 80 Nipples, Add	*4.58*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	58.40	19.84
		For Schedule 80 Nipples, Add	*14.34*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	70.04	23.96
		For Schedule 80 Nipples, Add	*17.04*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	95.22	29.31
		For Schedule 80 Nipples, Add	*25.66*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.36	10.59
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	18.48	10.59
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.08	10.59
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	19.36	10.59
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	18.48	10.59
		For Schedule 80 Nipples, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	19.08	10.59
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	21.82	11.48
		For Schedule 80 Nipples, Add	*2.34*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	24.71	12.37
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	25.84	12.37
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.34	10.59
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	18.95	10.59
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.49	10.59
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	22.11	11.48
		For Schedule 80 Nipples, Add	*2.48*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	25.09	12.37
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	26.70	12.37
		For Schedule 80 Nipples, Add	*4.06*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	34.49	15.94
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	20.34	10.59
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	18.95	10.59
		For Schedule 80 Nipples, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	19.49	10.59
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	22.11	11.48
		For Schedule 80 Nipples, Add	*2.48*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	25.09	12.37
		For Schedule 80 Nipples, Add	*3.26*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	26.70	12.37
		For Schedule 80 Nipples, Add	*4.06*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	34.49	15.94
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	59.15	19.84
		For Schedule 80 Nipples, Add	*14.72*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	73.01	23.96
		For Schedule 80 Nipples, Add	*18.53*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.13	10.59
		For Schedule 80 Nipples, Add	*2.61*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.55	10.59
		For Schedule 80 Nipples, Add	*1.82*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.34	10.59
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	23.28	11.48
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	26.29	12.37
		For Schedule 80 Nipples, Add	*3.86*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	27.68	12.37
		For Schedule 80 Nipples, Add	*4.55*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	36.70	15.94
		For Schedule 80 Nipples, Add	*6.37*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	64.33	19.84
		For Schedule 80 Nipples, Add	*17.31*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	79.83	23.96
		For Schedule 80 Nipples, Add	*21.94*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	21.13	10.59
		For Schedule 80 Nipples, Add	*2.61*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	19.55	10.59
		For Schedule 80 Nipples, Add	*1.82*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	20.34	10.59
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	23.28	11.48
		For Schedule 80 Nipples, Add	*3.07*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	26.29	12.37
		For Schedule 80 Nipples, Add	*3.86*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	27.68	12.37
		For Schedule 80 Nipples, Add	*4.55*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	36.70	15.94
		For Schedule 80 Nipples, Add	*6.37*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	64.33	19.84
		For Schedule 80 Nipples, Add	*17.31*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	79.83	23.96
		For Schedule 80 Nipples, Add	*21.94*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	103.27	29.31
		For Schedule 80 Nipples, Add	*29.69*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	23.44	10.59
		For Schedule 80 Nipples, Add	*3.76*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	20.18	10.59
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	21.48	10.59
		For Schedule 80 Nipples, Add	*2.78*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	24.41	11.48
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	27.80	12.37
		For Schedule 80 Nipples, Add	*4.61*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	29.70	12.37
		For Schedule 80 Nipples, Add	*5.56*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	38.62	15.94
		For Schedule 80 Nipples, Add	*7.33*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	67.74	19.84
		For Schedule 80 Nipples, Add	*19.01*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	84.34	23.96
		For Schedule 80 Nipples, Add	*24.19*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	111.74	29.31
		For Schedule 80 Nipples, Add	*33.92*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	23.44	10.59
		For Schedule 80 Nipples, Add	*3.76*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	20.18	10.59
		For Schedule 80 Nipples, Add	*2.13*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	21.48	10.59
		For Schedule 80 Nipples, Add	*2.78*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	24.41	11.48
		For Schedule 80 Nipples, Add	*3.63*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	27.80	12.37
		For Schedule 80 Nipples, Add	*4.61*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	29.70	12.37
		For Schedule 80 Nipples, Add	*5.56*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	38.62	15.94
		For Schedule 80 Nipples, Add	*7.33*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	67.74	19.84
		For Schedule 80 Nipples, Add	*19.01*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	84.34	23.96
		For Schedule 80 Nipples, Add	*24.19*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	111.74	29.31
		For Schedule 80 Nipples, Add	*33.92*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	24.29	10.59
		For Schedule 80 Nipples, Add	*4.19*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	20.69	10.59
		For Schedule 80 Nipples, Add	*2.39*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	22.24	10.59
		For Schedule 80 Nipples, Add	*3.16*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	25.74	11.48
		For Schedule 80 Nipples, Add	*4.30*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	29.51	12.37
		For Schedule 80 Nipples, Add	*5.47*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	31.34	12.37
		For Schedule 80 Nipples, Add	*6.38*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	41.15	15.94
		For Schedule 80 Nipples, Add	*8.59*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	69.36	19.84
		For Schedule 80 Nipples, Add	*19.82*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	88.54	23.96
		For Schedule 80 Nipples, Add	*26.29*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	116.41	29.31
		For Schedule 80 Nipples, Add	*36.26*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	30.61	10.59
		For Schedule 80 Nipples, Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	24.51	10.59
		For Schedule 80 Nipples, Add	*4.30*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	26.44	10.59
		For Schedule 80 Nipples, Add	*5.26*	
		For Work In Restricted Working Space, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	31.20	11.48
		For Schedule 80 Nipples, Add	*7.03*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	36.23	12.37
		For Schedule 80 Nipples, Add	*8.83*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	38.82	12.37
		For Schedule 80 Nipples, Add	*10.12*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	52.77	15.94
		For Schedule 80 Nipples, Add	*14.40*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	80.16	19.84
		For Schedule 80 Nipples, Add	*25.22*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	106.89	23.96
		For Schedule 80 Nipples, Add	*35.47*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	127.59	29.31
		For Schedule 80 Nipples, Add	*41.85*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	32.41	10.59
		For Schedule 80 Nipples, Add	*8.25*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	26.25	10.59
		For Schedule 80 Nipples, Add	*5.17*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	28.14	10.59
		For Schedule 80 Nipples, Add	*6.11*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	33.57	11.48
		For Schedule 80 Nipples, Add	*8.21*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	39.74	12.37
		For Schedule 80 Nipples, Add	*10.58*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	42.27	12.37
		For Schedule 80 Nipples, Add	*11.85*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	57.83	15.94
		For Schedule 80 Nipples, Add	*16.93*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	86.38	19.84
		For Schedule 80 Nipples, Add	*28.33*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	115.64	23.96
		For Schedule 80 Nipples, Add	*39.84*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	139.22	29.31
		For Schedule 80 Nipples, Add	*47.66*	
		For Work In Restricted Working Space, Add	*13.17*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	34.68	10.59
		For Schedule 80 Nipples, Add	*9.38*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	28.17	10.59
		For Schedule 80 Nipples, Add	*6.13*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	29.50	10.59
		For Schedule 80 Nipples, Add	*6.79*	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	36.00	11.48
		For Schedule 80 Nipples, Add	*9.43*	
		For Work In Restricted Working Space, Add	*5.15*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	42.58	12.37
		For Schedule 80 Nipples, Add	*12.00*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	45.87	12.37
		For Schedule 80 Nipples, Add	*13.65*	
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	62.94	15.94
		For Schedule 80 Nipples, Add	*19.49*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	92.76	19.84
		For Schedule 80 Nipples, Add	*31.52*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	124.39	23.96
		For Schedule 80 Nipples, Add	*44.22*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	155.64	29.31
		For Schedule 80 Nipples, Add	*55.87*	
		For Work In Restricted Working Space, Add	*13.17*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	31.91	18.17
		For Work In Restricted Working Space, Add	*8.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0288	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	36.00	19.50
		For Work In Restricted Working Space, Add	*8.78*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	38.23	20.95
		For Work In Restricted Working Space, Add	*9.45*	
23 21 13 23-0290	EA	1" x 3/8", 150 Lb., Black Malleable Iron Bushing	40.50	20.84
		For Work In Restricted Working Space, Add	*9.36*	
23 21 13 23-0291	EA	1" x 1/2", 150 Lb., Black Malleable Iron Bushing	40.38	22.29
		For Work In Restricted Working Space, Add	*10.03*	
23 21 13 23-0292	EA	1" x 3/4", 150 Lb., Black Malleable Iron Bushing	42.15	23.52
		For Work In Restricted Working Space, Add	*10.56*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	44.07	22.41
		For Work In Restricted Working Space, Add	*10.10*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	45.84	23.96
		For Work In Restricted Working Space, Add	*10.77*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Bushing	46.62	25.07
		For Work In Restricted Working Space, Add	*11.30*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Bushing	48.56	26.42
		For Work In Restricted Working Space, Add	*11.88*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	50.08	24.30
		For Work In Restricted Working Space, Add	*10.90*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 Lb., Black Malleable Iron Bushing	49.91	25.75
		For Work In Restricted Working Space, Add	*11.57*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	51.67	26.86
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	52.23	28.20
		For Work In Restricted Working Space, Add	*12.68*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	56.10	29.87
		For Work In Restricted Working Space, Add	*13.42*	
23 21 13 23-0302	EA	2" x 3/8", 150 Lb., Black Malleable Iron Bushing	62.15	28.53
		For Work In Restricted Working Space, Add	*12.83*	
23 21 13 23-0303	EA	2" x 1/2", 150 Lb., Black Malleable Iron Bushing	62.08	29.98
		For Work In Restricted Working Space, Add	*13.49*	
23 21 13 23-0304	EA	2" x 3/4", 150 Lb., Black Malleable Iron Bushing	61.22	31.21
		For Work In Restricted Working Space, Add	*14.03*	
23 21 13 23-0305	EA	2" x 1", 150 Lb., Black Malleable Iron Bushing	62.25	32.43
		For Work In Restricted Working Space, Add	*14.61*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	64.71	34.11
		For Work In Restricted Working Space, Add	*15.35*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	68.93	35.89
		For Work In Restricted Working Space, Add	*16.15*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	85.85	40.79
		For Work In Restricted Working Space, Add	*18.37*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	87.79	42.13
		For Work In Restricted Working Space, Add	*18.95*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	90.24	43.69
		For Work In Restricted Working Space, Add	*19.68*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	91.25	45.59
		For Work In Restricted Working Space, Add	*20.49*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Bushing	97.46	49.82
		For Work In Restricted Working Space, Add	*22.41*	
23 21 13 23-0313	EA	3" x 3/4", 150 Lb., Black Malleable Iron Bushing	109.37	50.16
		For Work In Restricted Working Space, Add	*22.59*	
23 21 13 23-0314	EA	3" x 1", 150 Lb., Black Malleable Iron Bushing	111.31	51.49
		For Work In Restricted Working Space, Add	*23.17*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	113.76	53.17
		For Work In Restricted Working Space, Add	*23.91*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	115.79	54.95
		For Work In Restricted Working Space, Add	*24.71*	
23 21 13 23-0317	EA	3" x 2", 150 Lb., Black Malleable Iron Bushing	120.00	59.18
		For Work In Restricted Working Space, Add	*26.63*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	134.93	68.88
		For Work In Restricted Working Space, Add	*30.97*	
23 21 13 23-0319	EA	4" x 3/4", 150 Lb., Black Malleable Iron Bushing	145.74	53.56
		For Work In Restricted Working Space, Add	*24.12*	
23 21 13 23-0320	EA	4" x 1", 150 Lb., Black Malleable Iron Bushing	147.66	54.88
		For Work In Restricted Working Space, Add	*24.70*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	150.07	56.52
		For Work In Restricted Working Space, Add	*25.42*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	152.71	58.28
		For Work In Restricted Working Space, Add	*26.21*	
23 21 13 23-0323	EA	4" x 2", 150 Lb., Black Malleable Iron Bushing	155.52	62.45
		For Work In Restricted Working Space, Add	*28.11*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	169.75	72.00
		For Work In Restricted Working Space, Add	*32.38*	
23 21 13 23-0325	EA	4" x 3", 150 Lb., Black Malleable Iron Bushing	183.62	81.21
		For Work In Restricted Working Space, Add	*36.54*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 Lb., Black Malleable Iron Square Head Plug	13.47	6.58
		For Work In Restricted Working Space, Add	*2.97*	
23 21 13 23-0328	EA	1/2", 150 Lb., Black Malleable Iron Square Head Plug	15.70	7.91
		For Work In Restricted Working Space, Add	*3.57*	
23 21 13 23-0329	EA	3/4", 150 Lb., Black Malleable Iron Square Head Plug	17.12	8.91
		For Work In Restricted Working Space, Add	*3.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0330	EA	1", 150 Lb., Black Malleable Iron Square Head Plug	19.65	9.92
		For Work In Restricted Working Space, Add	*4.46*	
23 21 13 23-0331	EA	1-1/4", 150 Lb., Black Malleable Iron Square Head Plug	22.85	11.26
		For Work In Restricted Working Space, Add	*5.05*	
23 21 13 23-0332	EA	1-1/2", 150 Lb., Black Malleable Iron Square Head Plug	27.38	12.59
		For Work In Restricted Working Space, Add	*5.69*	
23 21 13 23-0333	EA	2", 150 Lb., Black Malleable Iron Square Head Plug	36.04	16.05
		For Work In Restricted Working Space, Add	*7.23*	
23 21 13 23-0334	EA	2-1/2", 150 Lb., Black Malleable Iron Square Head Plug	57.41	23.74
		For Work In Restricted Working Space, Add	*10.70*	
23 21 13 23-0335	EA	3", 150 Lb., Black Malleable Iron Square Head Plug	76.79	31.32
		For Work In Restricted Working Space, Add	*14.08*	
23 21 13 23-0336	EA	4", 150 Lb., Black Malleable Iron Square Head Plug	113.86	34.13
		For Work In Restricted Working Space, Add	*15.37*	
23 21 13 23-0337	EA	5", 150 Lb., Black Malleable Iron Square Head Plug	188.00	35.67
		For Work In Restricted Working Space, Add	*16.04*	
23 21 13 23-0338	EA	6", 150 Lb., Black Malleable Iron Square Head Plug	222.52	37.21
		For Work In Restricted Working Space, Add	*16.76*	

23 21 13 23-0339 125 Lb., Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0340	EA	3/4", 125 Lb., Black Cast Iron Flange	135.07	44.58
		For Work In Restricted Working Space, Add	*20.06*	
23 21 13 23-0341	EA	1", 125 Lb., Black Cast Iron Flange	118.94	50.38
		For Work In Restricted Working Space, Add	*22.67*	
23 21 13 23-0342	EA	1-1/4", 125 Lb., Black Cast Iron Flange	130.10	52.16
		For Work In Restricted Working Space, Add	*23.46*	
23 21 13 23-0343	EA	1-1/2", 125 Lb., Black Cast Iron Flange	133.04	56.73
		For Work In Restricted Working Space, Add	*25.52*	
23 21 13 23-0344	EA	2", 125 Lb., Black Cast Iron Flange	136.66	59.18
		For Work In Restricted Working Space, Add	*26.64*	
23 21 13 23-0345	EA	2-1/2", 125 Lb., Black Cast Iron Flange	158.70	68.54
		For Work In Restricted Working Space, Add	*30.81*	
23 21 13 23-0346	EA	3", 125 Lb., Black Cast Iron Flange	202.48	86.93
		For Work In Restricted Working Space, Add	*39.11*	
23 21 13 23-0347	EA	4", 125 Lb., Black Cast Iron Flange	272.81	117.11
		For Work In Restricted Working Space, Add	*52.68*	
23 21 13 23-0348	EA	5", 125 Lb., Black Cast Iron Flange	346.35	139.49
		For Work In Restricted Working Space, Add	*62.72*	
23 21 13 23-0349	EA	6", 125 Lb., Black Cast Iron Flange	395.43	160.13
		For Work In Restricted Working Space, Add	*72.02*	

23 21 13 23-0350 150 Lb., Black Malleable Iron Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0351	EA	1/2", 150 Lb., Black Malleable Iron Flange	76.15	40.68
		For Work In Restricted Working Space, Add	*18.32*	
23 21 13 23-0352	EA	3/4", 150 Lb., Black Malleable Iron Flange	83.13	44.58
		For Work In Restricted Working Space, Add	*20.06*	
23 21 13 23-0353	EA	1", 150 Lb., Black Malleable Iron Flange	96.67	50.38
		For Work In Restricted Working Space, Add	*22.67*	
23 21 13 23-0354	EA	1-1/4", 150 Lb., Black Malleable Iron Flange	100.78	52.16
		For Work In Restricted Working Space, Add	*23.46*	
23 21 13 23-0355	EA	1-1/2", 150 Lb., Black Malleable Iron Flange	109.71	56.73
		For Work In Restricted Working Space, Add	*25.52*	
23 21 13 23-0356	EA	2", 150 Lb., Black Malleable Iron Flange	120.92	59.18
		For Work In Restricted Working Space, Add	*26.64*	
23 21 13 23-0357	EA	2-1/2", 150 Lb., Black Malleable Iron Flange	153.09	68.54
		For Work In Restricted Working Space, Add	*30.81*	
23 21 13 23-0358	EA	3", 150 Lb., Black Malleable Iron Flange	194.01	86.93
		For Work In Restricted Working Space, Add	*39.10*	
23 21 13 23-0359	EA	4", 150 Lb., Black Malleable Iron Flange	283.73	117.11
		For Work In Restricted Working Space, Add	*52.67*	

23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	36.31	
		For Work In Restricted Working Space, Add	*10.89*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	39.93	
		For Work In Restricted Working Space, Add	*11.98*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	43.57	
		For Work In Restricted Working Space, Add	*13.07*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	47.19	
		For Work In Restricted Working Space, Add	*14.16*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	49.62	
		For Work In Restricted Working Space, Add	*14.89*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	52.03	
		For Work In Restricted Working Space, Add	*15.61*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	54.45	
		For Work In Restricted Working Space, Add	*16.34*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	56.88	
		For Work In Restricted Working Space, Add	*17.06*	
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	59.29	
		For Work In Restricted Working Space, Add	*17.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	64.13	
		For Work In Restricted Working Space, Add	*19.24*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	68.97	
		For Work In Restricted Working Space, Add	*20.69*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	75.03	
		For Work In Restricted Working Space, Add	*22.51*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	79.86	
		For Work In Restricted Working Space, Add	*23.96*	

23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	27.27	8.49
		For Work In Restricted Working Space, Add	*6.21*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.57	9.05
		For Work In Restricted Working Space, Add	*6.95*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.07	9.62
		For Work In Restricted Working Space, Add	*7.97*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	40.08	9.62
		For Work In Restricted Working Space, Add	*8.34*	
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	45.96	9.62
		For Work In Restricted Working Space, Add	*9.65*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	53.19	9.62
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	63.05	9.39
		For Work In Restricted Working Space, Add	*11.81*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	85.70	12.02
		For Work In Restricted Working Space, Add	*14.92*	
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	117.14	17.93
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	176.79	22.27
		For Work In Restricted Working Space, Add	*25.49*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	235.08	27.83
		For Work In Restricted Working Space, Add	*30.40*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	295.55	33.63
		For Work In Restricted Working Space, Add	*35.12*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	316.85	43.87
		For Work In Restricted Working Space, Add	*39.19*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	365.09	55.67
		For Work In Restricted Working Space, Add	*43.79*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	462.62	68.91
		For Work In Restricted Working Space, Add	*48.05*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	577.00	85.17
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	710.50	96.53
		For Work In Restricted Working Space, Add	*60.47*	

23 21 13 23-0393 Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0394		**Welded Plain End (A-53) Black Steel Piping** *(23 21 13 23-0393)*		
23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	12.24	4.53
		For Schedule 80 Pipe, Add	*2.00*	
		For Work In Restricted Working Space, Add	*2.72*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	15.56	5.65
		For Schedule 80 Pipe, Add	*2.55*	
		For Work In Restricted Working Space, Add	*3.40*	
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	19.81	6.79
		For Schedule 80 Pipe, Add	*3.28*	
		For Work In Restricted Working Space, Add	*4.07*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	24.11	7.92
		For Schedule 80 Pipe, Add	*4.03*	
		For Work In Restricted Working Space, Add	*4.75*	
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	28.68	9.39
		For Schedule 80 Pipe, Add	*4.80*	
		For Work In Restricted Working Space, Add	*5.64*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	32.81	10.64
		For Schedule 80 Pipe, Add	*7.76*	
		For Work In Restricted Working Space, Add	*6.38*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	41.18	11.43
		For Schedule 80 Pipe, Add	*10.41*	
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	57.66	14.15
		For Schedule 80 Pipe, Add	*15.23*	
		For Work In Restricted Working Space, Add	*8.49*	
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	84.30	22.91
		For Schedule 80 Pipe, Add	*23.37*	
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	122.09	23.94
		For Schedule 80 Pipe, Add	*34.35*	
		For Schedule 30 Pipe, Deduct	*-19.63*	
		For Work In Restricted Working Space, Add	*14.36*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	162.71	28.84
		For Schedule 80 Pipe, Add	*46.86*	
		For Schedule 30 Pipe, Deduct	*-26.78*	
		For Work In Restricted Working Space, Add	*17.30*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	208.60	34.85
		For Schedule 80 Pipe, Add	*60.81*	
		For Schedule 30 Pipe, Deduct	*-34.75*	
		For Work In Restricted Working Space, Add	*20.91*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	200.14	36.74
		For Schedule 80 Pipe, Add	*57.19*	
		For Schedule 30 Pipe, Deduct	*-32.68*	
		For Schedule 20 Pipe, Deduct	*-59.03*	
		For Work In Restricted Working Space, Add	*22.04*	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	220.63	39.52
		For Schedule 80 Pipe, Add	*63.39*	
		For Schedule 30 Pipe, Deduct	*-36.22*	
		For Schedule 20 Pipe, Deduct	*-65.36*	
		For Work In Restricted Working Space, Add	*23.72*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	281.72	42.76
		For Schedule 80 Pipe, Add	*83.64*	
		For Schedule 30 Pipe, Deduct	*-47.79*	
		For Schedule 20 Pipe, Deduct	*-85.78*	
		For Work In Restricted Working Space, Add	*25.65*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	332.81	51.21
		For Schedule 80 Pipe, Add	*98.56*	
		For Work In Restricted Working Space, Add	*30.73*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	415.42	58.89
		For Schedule 80 Pipe, Add	*124.78*	
		For Work In Restricted Working Space, Add	*35.34*	
23 21 13 23-0412		**Welded Plain End (A-106) Seamless Carbon Steel Piping** *(23 21 13 23-0393)*		
23 21 13 23-0413	LF	1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.52	3.17
		For Work In Restricted Working Space, Add	*1.90*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.87*	
23 21 13 23-0414	LF	1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.66	3.51
		For Work In Restricted Working Space, Add	*2.07*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.79*	
23 21 13 23-0415	LF	3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	14.72	4.53
		For Work In Restricted Working Space, Add	*2.72*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.46*	
23 21 13 23-0416	LF	1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	18.05	5.65
		For Work In Restricted Working Space, Add	*3.40*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*4.19*	
23 21 13 23-0417	LF	1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	22.81	6.79
		For Work In Restricted Working Space, Add	*4.07*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.45*	
23 21 13 23-0418	LF	1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	26.63	7.92
		For Work In Restricted Working Space, Add	*4.75*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*6.37*	
23 21 13 23-0419	LF	2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	31.65	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*7.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0420	LF	2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	41.85	10.64
		For Work In Restricted Working Space, Add	*6.38*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*14.72*	
23 21 13 23-0421	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	48.05	11.43
		For Work In Restricted Working Space, Add	*6.86*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*17.54*	
23 21 13 23-0422	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	59.71	14.15
		For Work In Restricted Working Space, Add	*8.49*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*21.84*	
23 21 13 23-0423	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	93.62	22.98
		For Work In Restricted Working Space, Add	*10.52*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*38.04*	
23 21 13 23-0424	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	135.98	23.94
		For Work In Restricted Working Space, Add	*14.36*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*56.52*	
23 21 13 23-0425	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	183.32	28.84
		For Work In Restricted Working Space, Add	*17.30*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*79.01*	
23 21 13 23-0426	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	223.53	34.85
		For Work In Restricted Working Space, Add	*20.91*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*96.60*	
23 21 13 23-0427	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	262.68	36.74
		For Work In Restricted Working Space, Add	*22.04*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*116.97*	
23 21 13 23-0428	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	303.59	39.52
		For Work In Restricted Working Space, Add	*23.72*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*137.60*	
23 21 13 23-0429	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	368.77	42.76
		For Work In Restricted Working Space, Add	*25.65*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*171.46*	
23 21 13 23-0430	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	444.43	51.21
		For Work In Restricted Working Space, Add	*30.73*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*206.89*	
23 21 13 23-0431	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	560.87	58.89
		For Work In Restricted Working Space, Add	*35.34*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*265.79*	

23 21 13 23-0432 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0433	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	123.92	70.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.07*	
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0434	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	129.47	74.26
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.15*	
		For Work In Restricted Working Space, Add	*33.40*	
23 21 13 23-0435	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	145.05	84.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.19*	
		For Work In Restricted Working Space, Add	*38.07*	
23 21 13 23-0436	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	155.06	91.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.14*	
		For Work In Restricted Working Space, Add	*41.07*	
23 21 13 23-0437	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	196.25	118.79
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.17*	
		For Work In Restricted Working Space, Add	*53.43*	
23 21 13 23-0438	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	246.82	148.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.67*	
		For Work In Restricted Working Space, Add	*66.79*	
23 21 13 23-0439	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	258.23	153.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.39*	
		For Work In Restricted Working Space, Add	*68.79*	
23 21 13 23-0440	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	444.19	264.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*91.64*	
		For Work In Restricted Working Space, Add	*118.91*	
23 21 13 23-0441	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	771.76	436.26
		For Schedule 80 Or Extra Heavy Fittings, Add	*162.84*	
		For Work In Restricted Working Space, Add	*196.25*	
23 21 13 23-0442	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,122.81	603.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*241.86*	
		For Work In Restricted Working Space, Add	*271.37*	
23 21 13 23-0443	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,434.52	689.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*321.81*	
		For Work In Restricted Working Space, Add	*310.14*	
23 21 13 23-0444	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,933.69	902.22
		For Schedule 80 Or Extra Heavy Fittings, Add	*438.08*	
		For Work In Restricted Working Space, Add	*405.79*	
23 21 13 23-0445	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,385.36	1,066.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*547.73*	
		For Work In Restricted Working Space, Add	*479.66*	
23 21 13 23-0446	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,943.52	1,245.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*687.02*	
		For Work In Restricted Working Space, Add	*560.10*	
23 21 13 23-0447	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,467.38	1,388.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*821.62*	
		For Work In Restricted Working Space, Add	*624.56*	
23 21 13 23-0448	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,370.79	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,066.13*	
		For Work In Restricted Working Space, Add	*700.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0449	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,073.58	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,268.80*	
		For Work In Restricted Working Space, Add	*723.65*	

23 21 13 23-0450 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0451	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	593.83	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*136.46*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0452	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,031.53	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*241.56*	
		For Work In Restricted Working Space, Add	*194.00*	
23 21 13 23-0453	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,097.51	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*261.35*	
		For Work In Restricted Working Space, Add	*194.00*	
23 21 13 23-0454	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,716.38	603.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*419.94*	
		For Work In Restricted Working Space, Add	*271.37*	
23 21 13 23-0455	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,873.71	603.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*467.13*	
		For Work In Restricted Working Space, Add	*271.37*	
23 21 13 23-0456	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,331.43	689.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*590.88*	
		For Work In Restricted Working Space, Add	*310.14*	
23 21 13 23-0457	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,331.43	689.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*590.88*	
		For Work In Restricted Working Space, Add	*310.14*	
23 21 13 23-0458	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,787.64	919.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*991.56*	
		For Work In Restricted Working Space, Add	*413.52*	
23 21 13 23-0459	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,787.64	919.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*991.56*	
		For Work In Restricted Working Space, Add	*413.52*	
23 21 13 23-0460	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,215.59	919.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,119.95*	
		For Work In Restricted Working Space, Add	*413.52*	

23 21 13 23-0461 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0462	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	110.60	64.17
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.08*	
		For Work In Restricted Working Space, Add	*28.86*	
23 21 13 23-0463	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	114.00	66.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.74*	
		For Work In Restricted Working Space, Add	*29.88*	
23 21 13 23-0464	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	128.71	76.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.61*	
		For Work In Restricted Working Space, Add	*34.29*	
23 21 13 23-0465	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	137.77	82.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.38*	
		For Work In Restricted Working Space, Add	*37.01*	
23 21 13 23-0466	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	173.98	106.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.44*	
		For Work In Restricted Working Space, Add	*47.87*	
23 21 13 23-0467	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	217.09	133.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.09*	
		For Work In Restricted Working Space, Add	*60.10*	
23 21 13 23-0468	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	250.40	152.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.05*	
		For Work In Restricted Working Space, Add	*68.78*	
23 21 13 23-0469	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	431.17	264.25
		For Schedule 80 Or Extra Heavy Fittings, Add	*87.74*	
		For Work In Restricted Working Space, Add	*118.88*	
23 21 13 23-0470	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	739.26	435.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*153.17*	
		For Work In Restricted Working Space, Add	*196.02*	
23 21 13 23-0471	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,063.92	603.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*224.20*	
		For Work In Restricted Working Space, Add	*271.37*	
23 21 13 23-0472	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,326.39	689.58
		For Schedule 80 Or Extra Heavy Fittings, Add	*289.37*	
		For Work In Restricted Working Space, Add	*310.14*	
23 21 13 23-0473	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,774.37	900.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*390.55*	
		For Work In Restricted Working Space, Add	*405.03*	
23 21 13 23-0474	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,175.25	1,067.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*484.47*	
		For Work In Restricted Working Space, Add	*480.30*	
23 21 13 23-0475	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,651.11	1,244.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*599.50*	
		For Work In Restricted Working Space, Add	*559.53*	
23 21 13 23-0476	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,091.10	1,386.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*708.99*	
		For Work In Restricted Working Space, Add	*623.84*	
23 21 13 23-0477	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,821.26	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*901.27*	
		For Work In Restricted Working Space, Add	*700.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0478	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,355.39	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,053.34*	
		For Work In Restricted Working Space, Add	*723.65*	

23 21 13 23-0479 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0480	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	224.58	120.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.36*	
		For Work In Restricted Working Space, Add	*54.32*	
23 21 13 23-0481	EA	1" Standard Weight, Welded Plain End Black Steel Tee	224.53	120.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.35*	
		For Work In Restricted Working Space, Add	*54.31*	
23 21 13 23-0482	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	253.80	134.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.00*	
		For Work In Restricted Working Space, Add	*60.41*	
23 21 13 23-0483	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	278.78	150.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*59.87*	
		For Work In Restricted Working Space, Add	*67.90*	
23 21 13 23-0484	EA	2" Standard Weight, Welded Plain End Black Steel Tee	348.56	201.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*72.84*	
		For Work In Restricted Working Space, Add	*90.65*	
23 21 13 23-0485	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	397.14	226.45
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.49*	
		For Work In Restricted Working Space, Add	*101.86*	
23 21 13 23-0486	EA	3" Standard Weight, Welded Plain End Black Steel Tee	475.72	275.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*99.46*	
		For Work In Restricted Working Space, Add	*123.58*	
23 21 13 23-0487	EA	4" Standard Weight, Welded Plain End Black Steel Tee	684.37	397.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.77*	
		For Work In Restricted Working Space, Add	*178.69*	
23 21 13 23-0488	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,145.60	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*240.35*	
		For Work In Restricted Working Space, Add	*295.22*	
23 21 13 23-0489	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,677.46	919.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*358.51*	
		For Work In Restricted Working Space, Add	*413.52*	
23 21 13 23-0490	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,109.56	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*464.02*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0491	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,830.23	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*631.97*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0492	EA	14" Standard Weight, Welded Plain End Black Steel Tee	3,638.36	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*838.23*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0493	EA	16" Standard Weight, Welded Plain End Black Steel Tee	4,376.99	1,930.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,009.16*	
		For Work In Restricted Working Space, Add	*868.38*	
23 21 13 23-0494	EA	18" Standard Weight, Welded Plain End Black Steel Tee	5,637.67	2,145.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,353.60*	
		For Work In Restricted Working Space, Add	*964.87*	
23 21 13 23-0495	EA	20" Standard Weight, Welded Plain End Black Steel Tee	7,356.65	2,413.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,827.08*	
		For Work In Restricted Working Space, Add	*1,085.48*	
23 21 13 23-0496	EA	24" Standard Weight, Welded Plain End Black Steel Tee	8,456.43	2,599.08
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,127.79*	
		For Work In Restricted Working Space, Add	*1,168.98*	

23 21 13 23-0497 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0498	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	218.92	117.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.26*	
		For Work In Restricted Working Space, Add	*52.62*	
23 21 13 23-0499	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	224.53	120.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.35*	
		For Work In Restricted Working Space, Add	*54.31*	
23 21 13 23-0500	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	251.02	134.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.16*	
		For Work In Restricted Working Space, Add	*60.41*	
23 21 13 23-0501	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	276.00	150.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*59.03*	
		For Work In Restricted Working Space, Add	*67.90*	
23 21 13 23-0502	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	354.83	201.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*74.71*	
		For Work In Restricted Working Space, Add	*90.68*	
23 21 13 23-0503	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	397.27	226.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.52*	
		For Work In Restricted Working Space, Add	*101.89*	
23 21 13 23-0504	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	476.01	275.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*99.55*	
		For Work In Restricted Working Space, Add	*123.58*	
23 21 13 23-0505	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	684.78	397.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.89*	
		For Work In Restricted Working Space, Add	*178.69*	
23 21 13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,146.31	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*240.56*	
		For Work In Restricted Working Space, Add	*295.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,678.81	919.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*358.91*	
		For Work In Restricted Working Space, Add	*413.52*	
23 21 13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,111.85	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*464.70*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,833.69	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*633.01*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,643.94	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*839.90*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,383.74	1,930.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,011.19*	
		For Work In Restricted Working Space, Add	*868.38*	
23 21 13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	5,648.70	2,145.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,356.91*	
		For Work In Restricted Working Space, Add	*964.87*	
23 21 13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee	7,463.81	2,413.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,859.23*	
		For Work In Restricted Working Space, Add	*1,085.48*	
23 21 13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee	8,935.08	2,599.08
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,271.38*	
		For Work In Restricted Working Space, Add	*1,168.98*	

23 21 13 23-0515 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0516	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	136.93	73.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.49*	
		For Work In Restricted Working Space, Add	*33.10*	
23 21 13 23-0517	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	147.67	80.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.59*	
		For Work In Restricted Working Space, Add	*36.32*	
23 21 13 23-0518	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	144.86	78.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.04*	
		For Work In Restricted Working Space, Add	*35.48*	
23 21 13 23-0519	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	160.68	89.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.13*	
		For Work In Restricted Working Space, Add	*40.22*	
23 21 13 23-0520	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	152.76	84.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.58*	
		For Work In Restricted Working Space, Add	*37.85*	
23 21 13 23-0521	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	149.94	82.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.03*	
		For Work In Restricted Working Space, Add	*37.00*	
23 21 13 23-0522	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	176.22	106.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.05*	
		For Work In Restricted Working Space, Add	*48.03*	
23 21 13 23-0523	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	181.11	103.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*38.06*	
		For Work In Restricted Working Space, Add	*46.51*	
23 21 13 23-0524	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	173.19	98.12
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.51*	
		For Work In Restricted Working Space, Add	*44.13*	
23 21 13 23-0525	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	222.36	135.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.32*	
		For Work In Restricted Working Space, Add	*61.10*	
23 21 13 23-0526	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	204.65	121.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.21*	
		For Work In Restricted Working Space, Add	*54.82*	
23 21 13 23-0527	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	217.27	118.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.53*	
		For Work In Restricted Working Space, Add	*53.29*	
23 21 13 23-0528	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	249.09	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.72*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0529	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	250.54	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.16*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0530	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	253.60	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.07*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0531	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	423.82	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.45*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0532	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	425.27	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.89*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0533	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	429.62	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*87.19*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0534	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	701.78	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.63*	
		For Work In Restricted Working Space, Add	*194.01*	
23 21 13 23-0535	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	733.03	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*152.01*	
		For Work In Restricted Working Space, Add	*194.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0536	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,054.33	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*212.97*	
		For Work In Restricted Working Space, Add	*295.23*	
23 21 13 23-0537	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,112.48	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*230.41*	
		For Work In Restricted Working Space, Add	*295.23*	
23 21 13 23-0538	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,223.67	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*248.27*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0539	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,293.59	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*269.25*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0540	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,385.57	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*296.84*	
		For Concentric Reducers, Deduct	*-81.24*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0541	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,519.29	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*311.33*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0542	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,600.96	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*335.83*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0543	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,739.02	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*377.25*	
		For Concentric Reducers, Deduct	*-116.24*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0544	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,516.97	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*310.64*	
		For Concentric Reducers, Deduct	*-45.19*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0545	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,860.05	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*389.16*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0546	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,903.06	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*402.07*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0547	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,331.87	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*530.71*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0548	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,194.45	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*468.38*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0549	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,321.07	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*506.36*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0550	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,370.36	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*521.15*	
		For Concentric Reducers, Deduct	*-179.59*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0551	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,925.64	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*687.73*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0552	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,201.95	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*770.63*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0553	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,761.70	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*611.42*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0554	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,192.04	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*440.52*	
		For Concentric Reducers, Deduct	*-39.83*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0555	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,828.23	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*631.37*	
		For Concentric Reducers, Deduct	*-243.41*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0556	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,926.33	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*660.80*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0557	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,755.69	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*909.61*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0558	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,206.17	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*716.74*	
		For Concentric Reducers, Deduct	*-278.98*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0559	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,203.92	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*716.07*	
		For Concentric Reducers, Deduct	*-278.26*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0560	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,301.10	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,045.22*	
		For Concentric Reducers, Deduct	*-629.36*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0561	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,741.19	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,177.25*	
		For Work In Restricted Working Space, Add	*700.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0562	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,401.34	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,375.29*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0563	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,555.26	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*813.30*	
		For Concentric Reducers, Deduct	*-365.79*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0564	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,688.27	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*853.20*	
		For Concentric Reducers, Deduct	*-408.35*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0565	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,306.25	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,038.60*	
		For Concentric Reducers, Deduct	*-606.11*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0566	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,456.26	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,383.60*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0567	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	6,318.57	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,642.29*	
		For Work In Restricted Working Space, Add	*723.65*	

23 21 13 23-0568 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0569	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	129.96	73.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.40*	
		For Work In Restricted Working Space, Add	*33.10*	
23 21 13 23-0570	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	140.70	80.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.50*	
		For Work In Restricted Working Space, Add	*36.32*	
23 21 13 23-0571	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	137.89	78.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.95*	
		For Work In Restricted Working Space, Add	*35.48*	
23 21 13 23-0572	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	153.71	89.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.03*	
		For Work In Restricted Working Space, Add	*40.22*	
23 21 13 23-0573	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	145.79	84.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.49*	
		For Work In Restricted Working Space, Add	*37.85*	
23 21 13 23-0574	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	142.97	82.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.94*	
		For Work In Restricted Working Space, Add	*37.00*	
23 21 13 23-0575	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	172.67	106.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.99*	
		For Work In Restricted Working Space, Add	*48.03*	
23 21 13 23-0576	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	167.58	103.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.00*	
		For Work In Restricted Working Space, Add	*46.51*	
23 21 13 23-0577	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	164.50	98.12
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.90*	
		For Work In Restricted Working Space, Add	*44.13*	
23 21 13 23-0578	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	219.78	135.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.55*	
		For Work In Restricted Working Space, Add	*61.10*	
23 21 13 23-0579	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	203.20	121.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.77*	
		For Work In Restricted Working Space, Add	*54.82*	
23 21 13 23-0580	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	205.02	118.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.85*	
		For Work In Restricted Working Space, Add	*53.29*	
23 21 13 23-0581	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	241.68	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.50*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0582	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	242.65	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.79*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0583	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	244.74	152.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.42*	
		For Work In Restricted Working Space, Add	*68.59*	
23 21 13 23-0584	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	413.83	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.46*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0585	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	417.54	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.57*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0586	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	417.54	264.81
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.57*	
		For Work In Restricted Working Space, Add	*119.12*	
23 21 13 23-0587	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	681.81	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*136.64*	
		For Work In Restricted Working Space, Add	*194.01*	
23 21 13 23-0588	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	689.22	431.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*138.86*	
		For Work In Restricted Working Space, Add	*194.01*	
23 21 13 23-0589	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,030.16	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*205.72*	
		For Work In Restricted Working Space, Add	*295.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0590	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,043.37	656.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*209.68*	
		For Work In Restricted Working Space, Add	*295.23*	
23 21 13 23-0591	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,221.10	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*247.50*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0592	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,215.62	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.86*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0593	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,284.57	754.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*266.54*	
		For Work In Restricted Working Space, Add	*339.51*	
23 21 13 23-0594	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,486.27	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*301.43*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0595	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,502.82	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*306.39*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0596	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,508.82	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*308.19*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0597	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,684.57	917.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*360.92*	
		For Work In Restricted Working Space, Add	*412.73*	
23 21 13 23-0598	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,774.35	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*363.45*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0599	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,835.73	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*381.87*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0600	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,889.05	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*397.86*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0601	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,095.12	1,072.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*459.68*	
		For Work In Restricted Working Space, Add	*482.43*	
23 21 13 23-0602	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,100.05	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*440.06*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0603	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,100.05	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*440.06*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0604	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,130.66	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*449.24*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0605	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,232.31	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*479.73*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0606	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,653.27	1,206.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*606.02*	
		For Work In Restricted Working Space, Add	*542.74*	
23 21 13 23-0607	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,385.40	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*498.53*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0608	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,463.85	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*522.06*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0609	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,496.71	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*531.92*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0610	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,586.11	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*558.74*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0611	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,613.51	1,379.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*866.96*	
		For Work In Restricted Working Space, Add	*620.27*	
23 21 13 23-0612	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,879.81	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*618.84*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0613	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,879.81	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*618.84*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0614	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,902.20	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*625.55*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0615	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,034.78	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*665.33*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0616	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,265.45	1,556.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*734.53*	
		For Work In Restricted Working Space, Add	*700.31*	
23 21 13 23-0617	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,029.14	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*655.46*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0618	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,043.15	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*659.67*	
		For Work In Restricted Working Space, Add	*723.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0619	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,070.54	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*667.88*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0620	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,704.59	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*858.10*	
		For Work In Restricted Working Space, Add	*723.65*	
23 21 13 23-0621	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,829.75	1,608.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*895.65*	
		For Work In Restricted Working Space, Add	*723.65*	

23 21 13 23-0622 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0623	EA	1" Standard Weight, Welded Plain End Black Steel Cap	65.80	37.79
		For Schedule 80 Fittings, Add	*12.67*	
		For Work In Restricted Working Space, Add	*16.97*	
23 21 13 23-0624	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	72.05	41.53
		For Schedule 80 Fittings, Add	*13.83*	
		For Work In Restricted Working Space, Add	*18.68*	
23 21 13 23-0625	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	74.87	43.01
		For Schedule 80 Fittings, Add	*14.40*	
		For Work In Restricted Working Space, Add	*19.35*	
23 21 13 23-0626	EA	2" Standard Weight, Welded Plain End Black Steel Cap	93.52	55.12
		For Schedule 80 Fittings, Add	*17.73*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-0627	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	111.00	66.43
		For Schedule 80 Fittings, Add	*20.85*	
		For Work In Restricted Working Space, Add	*29.88*	
23 21 13 23-0628	EA	3" Standard Weight, Welded Plain End Black Steel Cap	129.87	76.61
		For Schedule 80 Fittings, Add	*24.60*	
		For Work In Restricted Working Space, Add	*34.47*	
23 21 13 23-0629	EA	4" Standard Weight, Welded Plain End Black Steel Cap	218.48	132.41
		For Schedule 80 Fittings, Add	*40.73*	
		For Work In Restricted Working Space, Add	*59.56*	
23 21 13 23-0630	EA	6" Standard Weight, Welded Plain End Black Steel Cap	365.88	218.76
		For Schedule 80 Fittings, Add	*68.76*	
		For Work In Restricted Working Space, Add	*98.41*	
23 21 13 23-0631	EA	8" Standard Weight, Welded Plain End Black Steel Cap	516.57	306.69
		For Schedule 80 Fittings, Add	*97.50*	
		For Work In Restricted Working Space, Add	*137.93*	
23 21 13 23-0632	EA	10" Standard Weight, Welded Plain End Black Steel Cap	680.06	387.15
		For Schedule 80 Fittings, Add	*131.47*	
		For Work In Restricted Working Space, Add	*174.11*	
23 21 13 23-0633	EA	12" Standard Weight, Welded Plain End Black Steel Cap	797.82	449.00
		For Schedule 80 Fittings, Add	*155.20*	
		For Work In Restricted Working Space, Add	*201.95*	
23 21 13 23-0634	EA	14" Standard Weight, Welded Plain End Black Steel Cap	1,038.38	536.29
		For Schedule 80 Fittings, Add	*211.01*	
		For Work In Restricted Working Space, Add	*241.22*	
23 21 13 23-0635	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,205.93	622.78
		For Schedule 80 Fittings, Add	*245.06*	
		For Work In Restricted Working Space, Add	*280.13*	
23 21 13 23-0636	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,346.83	689.58
		For Schedule 80 Fittings, Add	*274.83*	
		For Work In Restricted Working Space, Add	*310.14*	

23 21 13 23-0637 150 Lb., Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0638	EA	2", 150 Lb., Welded Plain End Black Steel Neck Flange	166.74	85.33
		For 300 Lb. Rating, Add	*40.60*	
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-0639	EA	2-1/2", 150 Lb., Welded Plain End Black Steel Neck Flange	198.45	106.50
		For 300 Lb. Rating, Add	*43.93*	
		For Work In Restricted Working Space, Add	*47.89*	
23 21 13 23-0640	EA	3", 150 Lb., Welded Plain End Black Steel Neck Flange	221.38	121.77
		For 300 Lb. Rating, Add	*46.36*	
		For Work In Restricted Working Space, Add	*54.76*	
23 21 13 23-0641	EA	4", 150 Lb., Welded Plain End Black Steel Neck Flange	290.29	160.58
		For 300 Lb. Rating, Add	*59.93*	
		For Work In Restricted Working Space, Add	*72.24*	
23 21 13 23-0642	EA	6", 150 Lb., Welded Plain End Black Steel Neck Flange	441.22	243.54
		For 300 Lb. Rating, Add	*91.64*	
		For Work In Restricted Working Space, Add	*109.52*	
23 21 13 23-0643	EA	8", 150 Lb., Welded Plain End Black Steel Neck Flange	510.43	260.96
		For 300 Lb. Rating, Add	*124.56*	
		For Work In Restricted Working Space, Add	*117.35*	
23 21 13 23-0644	EA	10" , 150 Lb., Welded Plain End Black Steel Neck Flange	664.88	327.20
		For 300 Lb. Rating, Add	*173.50*	
		For Work In Restricted Working Space, Add	*147.18*	
23 21 13 23-0645	EA	12" , 150 Lb., Welded Plain End Black Steel Neck Flange	810.77	371.29
		For 300 Lb. Rating, Add	*236.33*	
		For Work In Restricted Working Space, Add	*167.00*	
23 21 13 23-0646	EA	14" , 150 Lb., Welded Plain End Black Steel Neck Flange	1,058.92	449.00
		For 300 Lb. Rating, Add	*340.71*	
		For Work In Restricted Working Space, Add	*201.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0647	EA	16", 150 Lb., Welded Plain End Black Steel Neck Flange	1,385.02	521.81
		For 300 Lb. Rating, Add	*504.03*	
		For Work In Restricted Working Space, Add	*234.70*	
23 21 13 23-0648	EA	18", 150 Lb., Welded Plain End Black Steel Neck Flange	1,713.86	585.04
		For 300 Lb. Rating, Add	*677.79*	
		For Work In Restricted Working Space, Add	*263.15*	
23 21 13 23-0649	EA	20", 150 Lb., Welded Plain End Black Steel Neck Flange	2,173.03	742.58
		For 300 Lb. Rating, Add	*858.70*	
		For Work In Restricted Working Space, Add	*333.99*	
23 21 13 23-0650	EA	24", 150 Lb., Welded Plain End Black Steel Neck Flange	2,464.48	804.48
		For 300 Lb. Rating, Add	*1,007.51*	
		For Work In Restricted Working Space, Add	*361.83*	
23 21 13 23-0651		150 Lb., Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0652	EA	2", 150 Lb., Welded Black Steel Slip-On Flanges	119.20	85.33
		For 300 Lb. Rating, Add	*26.30*	
		For Work In Restricted Working Space, Add	*30.56*	
23 21 13 23-0653	EA	2-1/2", 150 Lb., Welded Black Steel Slip-On Flange	146.74	106.50
		For 300 Lb. Rating, Add	*33.10*	
		For Work In Restricted Working Space, Add	*37.34*	
23 21 13 23-0654	EA	3", 150 Lb., Welded Black Steel Slip-On Flange	173.32	121.77
		For 300 Lb. Rating, Add	*39.03*	
		For Work In Restricted Working Space, Add	*44.14*	
23 21 13 23-0655	EA	4", 150 Lb., Welded Black Steel Slip-On Flange	228.14	160.58
		For 300 Lb. Rating, Add	*52.38*	
		For Work In Restricted Working Space, Add	*57.72*	
23 21 13 23-0656	EA	6", 150 Lb., Welded Black Steel Slip-On Flange	337.94	243.54
		For 300 Lb. Rating, Add	*79.22*	
		For Work In Restricted Working Space, Add	*84.88*	
23 21 13 23-0657	EA	8", 150 Lb., Welded Black Steel Slip-On Flange	439.96	260.96
		For 300 Lb. Rating, Add	*112.74*	
		For Work In Restricted Working Space, Add	*106.88*	
23 21 13 23-0658	EA	10", 150 Lb., Welded Black Steel Slip-On Flange	589.82	327.20
		For 300 Lb. Rating, Add	*176.81*	
		For Work In Restricted Working Space, Add	*133.60*	
23 21 13 23-0659	EA	12", 150 Lb., Welded Black Steel Slip-On Flange	762.37	371.29
		For 300 Lb. Rating, Add	*261.29*	
		For Work In Restricted Working Space, Add	*160.32*	
23 21 13 23-0660	EA	14", 150 Lb., Welded Black Steel Slip-On Flange	956.55	449.00
		For 300 Lb. Rating, Add	*365.24*	
		For Work In Restricted Working Space, Add	*187.04*	
23 21 13 23-0661	EA	16", 150 Lb., Welded Black Steel Slip-On Flange	1,138.73	521.81
		For 300 Lb. Rating, Add	*476.11*	
		For Work In Restricted Working Space, Add	*207.08*	
23 21 13 23-0662	EA	18", 150 Lb., Welded Black Steel Slip-On Flange	1,259.90	585.04
		For 300 Lb. Rating, Add	*532.06*	
		For Work In Restricted Working Space, Add	*227.12*	
23 21 13 23-0663	EA	20", 150 Lb., Welded Black Steel Slip-On Flange	1,395.42	742.58
		For 300 Lb. Rating, Add	*600.92*	
		For Work In Restricted Working Space, Add	*247.16*	
23 21 13 23-0664	EA	24", 150 Lb., Welded Black Steel Slip-On Flange	1,599.66	804.48
		For 300 Lb. Rating, Add	*678.52*	
		For Work In Restricted Working Space, Add	*287.24*	
23 21 13 23-0665		150 Lb., Forged Steel Blind Flanges *(23 21 13 23-0393)*		
23 21 13 23-0666	EA	2", 150 Lb., Forged Steel Blind Flange	82.44	30.27
		For 300 Lb. Rating, Add	*23.88*	
		For 600 Lb. Rating, Add	*61.64*	
		For Work In Restricted Working Space, Add	*18.16*	
23 21 13 23-0667	EA	2-1/2", 150 Lb., Forged Steel Blind Flange	108.15	36.33
		For 300 Lb. Rating, Add	*36.04*	
		For 600 Lb. Rating, Add	*96.12*	
		For Work In Restricted Working Space, Add	*21.79*	
23 21 13 23-0668	EA	3", 150 Lb., Forged Steel Blind Flange	133.61	48.43
		For 300 Lb. Rating, Add	*39.56*	
		For 600 Lb. Rating, Add	*102.71*	
		For Work In Restricted Working Space, Add	*29.06*	
23 21 13 23-0669	EA	4", 150 Lb., Forged Steel Blind Flange	171.71	60.54
		For 300 Lb. Rating, Add	*53.22*	
		For 600 Lb. Rating, Add	*139.67*	
		For Work In Restricted Working Space, Add	*36.32*	
23 21 13 23-0670	EA	6", 150 Lb., Forged Steel Blind Flange	234.14	78.70
		For 300 Lb. Rating, Add	*77.91*	
		For 600 Lb. Rating, Add	*207.76*	
		For Work In Restricted Working Space, Add	*47.22*	
23 21 13 23-0671	EA	8", 150 Lb., Forged Steel Blind Flange	303.33	90.81
		For 300 Lb. Rating, Add	*116.44*	
		For 600 Lb. Rating, Add	*319.35*	
		For Work In Restricted Working Space, Add	*54.49*	
23 21 13 23-0672	EA	10", 150 Lb., Forged Steel Blind Flange	455.61	108.97
		For 300 Lb. Rating, Add	*213.02*	
		For 600 Lb. Rating, Add	*603.10*	
		For Work In Restricted Working Space, Add	*65.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0673	EA	12", 150 Lb., Forged Steel Blind Flange	590.66	127.13
		For 300 Lb. Rating, Add	*295.81*	
		For 600 Lb. Rating, Add	*845.48*	
		For Work In Restricted Working Space, Add	*76.28*	
23 21 13 23-0674	EA	14", 150 Lb., Forged Steel Blind Flange	983.20	145.30
		For 300 Lb. Rating, Add	*584.60*	
		For Work In Restricted Working Space, Add	*87.18*	
23 21 13 23-0675	EA	16", 150 Lb., Forged Steel Blind Flange	1,056.97	163.46
		For 300 Lb. Rating, Add	*618.37*	
		For Work In Restricted Working Space, Add	*98.08*	
23 21 13 23-0676	EA	18", 150 Lb., Forged Steel Blind Flange	1,192.49	199.79
		For 300 Lb. Rating, Add	*676.30*	
		For Work In Restricted Working Space, Add	*119.87*	
23 21 13 23-0677	EA	20", 150 Lb., Forged Steel Blind Flange	1,521.55	217.94
		For 300 Lb. Rating, Add	*914.30*	
		For Work In Restricted Working Space, Add	*130.77*	
23 21 13 23-0678	EA	24", 150 Lb., Forged Steel Blind Flange	2,062.83	254.27
		For 300 Lb. Rating, Add	*1,296.84*	
		For Work In Restricted Working Space, Add	*152.56*	

23 21 13 23-0679 3,000 Lb., Forge Steel Thread-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0680	EA	1/2", 3,000 Lb., Forge Steel Thread-O-Let	78.21	
		For Work In Restricted Working Space, Add	*21.39*	
23 21 13 23-0681	EA	3/4", 3,000 Lb., Forge Steel Thread-O-Let	82.80	
		For Work In Restricted Working Space, Add	*22.41*	
23 21 13 23-0682	EA	1", 3,000 Lb., Forge Steel Thread-O-Let	88.32	
		For Work In Restricted Working Space, Add	*23.77*	
23 21 13 23-0683	EA	1-1/4", 3,000 Lb., Forge Steel Thread-O-Let	97.77	
		For Work In Restricted Working Space, Add	*25.46*	
23 21 13 23-0684	EA	1-1/2", 3,000 Lb., Forge Steel Thread-O-Let	109.74	
		For Work In Restricted Working Space, Add	*28.86*	
23 21 13 23-0685	EA	2", 3,000 Lb., Forge Steel Thread-O-Let	141.88	
		For Work In Restricted Working Space, Add	*37.73*	
23 21 13 23-0686	EA	2-1/2", 3,000 Lb., Forge Steel Thread-O-Let	220.22	
		For Work In Restricted Working Space, Add	*48.50*	
23 21 13 23-0687	EA	3", 3,000 Lb., Forge Steel Thread-O-Let	303.79	
		For Work In Restricted Working Space, Add	*67.90*	
23 21 13 23-0688	EA	4", 3,000 Lb., Forge Steel Thread-O-Let	403.96	
		For Work In Restricted Working Space, Add	*84.88*	

23 21 13 23-0689 3,000 Lb., Forge Steel Weld-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0690	EA	1/2", 3,000 Lb., Forge Steel Weld-O-Let	89.98	
		For Work In Restricted Working Space, Add	*24.68*	
23 21 13 23-0691	EA	3/4", 3,000 Lb., Forge Steel Weld-O-Let	95.28	
		For Work In Restricted Working Space, Add	*25.87*	
23 21 13 23-0692	EA	1", 3,000 Lb., Forge Steel Weld-O-Let	100.68	
		For Work In Restricted Working Space, Add	*27.16*	
23 21 13 23-0693	EA	1-1/4", 3,000 Lb., Forge Steel Weld-O-Let	114.99	
		For Work In Restricted Working Space, Add	*30.18*	
23 21 13 23-0694	EA	1-1/2", 3,000 Lb., Forge Steel Weld-O-Let	128.27	
		For Work In Restricted Working Space, Add	*33.95*	
23 21 13 23-0695	EA	2", 3,000 Lb., Forge Steel Weld-O-Let	171.23	
		For Work In Restricted Working Space, Add	*45.26*	
23 21 13 23-0696	EA	2-1/2", 3,000 Lb., Forge Steel Weld-O-Let	246.31	
		For Work In Restricted Working Space, Add	*54.32*	
23 21 13 23-0697	EA	3", 3,000 Lb., Forge Steel Weld-O-Let	323.97	
		For Work In Restricted Working Space, Add	*71.30*	
23 21 13 23-0698	EA	4", 3,000 Lb., Forge Steel Weld-O-Let	436.72	
		For Work In Restricted Working Space, Add	*90.55*	
23 21 13 23-0699	EA	6", 3,000 Lb., Forge Steel Weld-O-Let	631.60	
		For Work In Restricted Working Space, Add	*135.80*	
23 21 13 23-0700	EA	8", 3,000 Lb., Forge Steel Weld-O-Let	942.08	
		For Work In Restricted Working Space, Add	*181.06*	
23 21 13 23-0701	EA	10", 3,000 Lb., Forge Steel Weld-O-Let	1,177.79	
		For Work In Restricted Working Space, Add	*208.94*	
23 21 13 23-0702	EA	12", 3,000 Lb., Forge Steel Weld-O-Let	1,737.35	
		For Work In Restricted Working Space, Add	*246.92*	

23 21 13 23-0703 3,000 Lb., Forge Steel Sock-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0704	EA	1/2", 3,000 Lb., Forge Steel Sock-O-Let	105.68	
		For Work In Restricted Working Space, Add	*29.51*	
23 21 13 23-0705	EA	3/4", 3,000 Lb., Forge Steel Sock-O-Let	111.71	
		For Work In Restricted Working Space, Add	*30.93*	
23 21 13 23-0706	EA	1", 3,000 Lb., Forge Steel Sock-O-Let	118.97	
		For Work In Restricted Working Space, Add	*32.80*	
23 21 13 23-0707	EA	1-1/4", 3,000 Lb., Forge Steel Sock-O-Let	130.81	
		For Work In Restricted Working Space, Add	*35.14*	
23 21 13 23-0708	EA	1-1/2", 3,000 Lb., Forge Steel Sock-O-Let	147.11	
		For Work In Restricted Working Space, Add	*39.82*	
23 21 13 23-0709	EA	2", 3,000 Lb., Forge Steel Sock-O-Let	191.43	
		For Work In Restricted Working Space, Add	*52.05*	
23 21 13 23-0710	EA	2-1/2", 3,000 Lb., Forge Steel Sock-O-Let	285.15	
		For Work In Restricted Working Space, Add	*66.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0711	EA	3", 3,000 Lb., Forge Steel Sock-O-Let	394.49	
		For Work In Restricted Working Space, Add	*93.70*	
23 21 13 23-0712	EA	4", 3,000 Lb., Forge Steel Sock-O-Let	518.81	
		For Work In Restricted Working Space, Add	*117.13*	

23 21 13 23-0713 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0714	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	13.83	
		For Zinc Plated, Add	*3.87*	
		For Hot Dip Galvanized, Add	*5.53*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.68*	
23 21 13 23-0715	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.51	
		For Zinc Plated, Add	*4.90*	
		For Hot Dip Galvanized, Add	*7.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.26*	
23 21 13 23-0716	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.72	
		For Zinc Plated, Add	*4.96*	
		For Hot Dip Galvanized, Add	*7.09*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.40*	
23 21 13 23-0717	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.82	
		For Zinc Plated, Add	*4.99*	
		For Hot Dip Galvanized, Add	*7.13*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.47*	
23 21 13 23-0718	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	41.23	
		For Zinc Plated, Add	*11.54*	
		For Hot Dip Galvanized, Add	*16.49*	
		For Advanced Fluoropolymer (Blue Coating), Add	*28.86*	
23 21 13 23-0719	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	56.32	
		For Zinc Plated, Add	*15.77*	
		For Hot Dip Galvanized, Add	*22.53*	
		For Advanced Fluoropolymer (Blue Coating), Add	*39.42*	
23 21 13 23-0720	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.71	
		For Zinc Plated, Add	*17.84*	
		For Hot Dip Galvanized, Add	*25.48*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.60*	
23 21 13 23-0721	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	70.64	
		For Zinc Plated, Add	*19.78*	
		For Hot Dip Galvanized, Add	*28.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*49.45*	
23 21 13 23-0722	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	153.19	
		For Zinc Plated, Add	*42.89*	
		For Hot Dip Galvanized, Add	*61.28*	
		For Advanced Fluoropolymer (Blue Coating), Add	*107.23*	
23 21 13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	158.11	
		For Zinc Plated, Add	*44.27*	
		For Hot Dip Galvanized, Add	*63.24*	
		For Advanced Fluoropolymer (Blue Coating), Add	*110.68*	
23 21 13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	177.56	
		For Zinc Plated, Add	*49.72*	
		For Hot Dip Galvanized, Add	*71.02*	
		For Advanced Fluoropolymer (Blue Coating), Add	*124.29*	
23 21 13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	290.66	
		For Zinc Plated, Add	*81.38*	
		For Hot Dip Galvanized, Add	*116.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*203.46*	
23 21 13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	415.15	
		For Zinc Plated, Add	*116.24*	
		For Hot Dip Galvanized, Add	*166.06*	
		For Advanced Fluoropolymer (Blue Coating), Add	*290.61*	
23 21 13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	524.93	
		For Zinc Plated, Add	*146.98*	
		For Hot Dip Galvanized, Add	*209.97*	
		For Advanced Fluoropolymer (Blue Coating), Add	*367.45*	
23 21 13 23-0728	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	744.41	
		For Zinc Plated, Add	*208.43*	
		For Hot Dip Galvanized, Add	*297.76*	
		For Advanced Fluoropolymer (Blue Coating), Add	*521.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0729	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.	1,173.76	
		For Zinc Plated, Add	*328.65*	
		For Hot Dip Galvanized, Add	*469.50*	
		For Advanced Fluoropolymer (Blue Coating), Add	*821.63*	
23 21 13 23-0730	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.	1,628.17	
		For Zinc Plated, Add	*455.89*	
		For Hot Dip Galvanized, Add	*651.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,139.72*	

23 21 13 23-0731 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0732	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	22.63	
		For Zinc Plated, Add	*6.34*	
		For Hot Dip Galvanized, Add	*9.05*	
		For Advanced Fluoropolymer (Blue Coating), Add	*15.84*	
23 21 13 23-0733	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	40.82	
		For Zinc Plated, Add	*11.43*	
		For Hot Dip Galvanized, Add	*16.33*	
		For Advanced Fluoropolymer (Blue Coating), Add	*28.57*	
23 21 13 23-0734	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.07	
		For Zinc Plated, Add	*17.66*	
		For Hot Dip Galvanized, Add	*25.23*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.15*	
23 21 13 23-0735	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	68.53	
		For Zinc Plated, Add	*19.19*	
		For Hot Dip Galvanized, Add	*27.41*	
		For Advanced Fluoropolymer (Blue Coating), Add	*47.97*	
23 21 13 23-0736	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	75.38	
		For Zinc Plated, Add	*21.11*	
		For Hot Dip Galvanized, Add	*30.15*	
		For Advanced Fluoropolymer (Blue Coating), Add	*52.77*	
23 21 13 23-0737	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	86.32	
		For Zinc Plated, Add	*24.17*	
		For Hot Dip Galvanized, Add	*34.53*	
		For Advanced Fluoropolymer (Blue Coating), Add	*60.42*	
23 21 13 23-0738	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	118.83	
		For Zinc Plated, Add	*33.27*	
		For Hot Dip Galvanized, Add	*47.53*	
		For Advanced Fluoropolymer (Blue Coating), Add	*83.18*	
23 21 13 23-0739	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	182.69	
		For Zinc Plated, Add	*51.15*	
		For Hot Dip Galvanized, Add	*73.08*	
		For Advanced Fluoropolymer (Blue Coating), Add	*127.88*	
23 21 13 23-0740	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	324.44	
		For Zinc Plated, Add	*90.84*	
		For Hot Dip Galvanized, Add	*129.78*	
		For Advanced Fluoropolymer (Blue Coating), Add	*227.11*	
23 21 13 23-0741	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	462.85	
		For Zinc Plated, Add	*129.60*	
		For Hot Dip Galvanized, Add	*185.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*324.00*	
23 21 13 23-0742	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	629.98	
		For Zinc Plated, Add	*176.39*	
		For Hot Dip Galvanized, Add	*251.99*	
		For Advanced Fluoropolymer (Blue Coating), Add	*440.99*	
23 21 13 23-0743	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	863.14	
		For Zinc Plated, Add	*241.68*	
		For Hot Dip Galvanized, Add	*345.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*604.20*	
23 21 13 23-0744	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	1,112.34	
		For Zinc Plated, Add	*311.46*	
		For Hot Dip Galvanized, Add	*444.94*	
		For Advanced Fluoropolymer (Blue Coating), Add	*778.64*	
23 21 13 23-0745	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	1,184.06	
		For Zinc Plated, Add	*331.54*	
		For Hot Dip Galvanized, Add	*473.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*828.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0746	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.	1,508.77	
		For Zinc Plated, Add	*422.46*	
		For Hot Dip Galvanized, Add	*603.51*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,056.14*	
23 21 13 23-0747	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.	2,386.48	
		For Zinc Plated, Add	*668.21*	
		For Hot Dip Galvanized, Add	*954.59*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,670.54*	
23 21 13 23-0748	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.	3,420.62	
		For Zinc Plated, Add	*957.77*	
		For Hot Dip Galvanized, Add	*1,368.25*	
		For Advanced Fluoropolymer (Blue Coating), Add	*2,394.43*	

23 21 13 23-0749 Class 150 Flange, Stainless Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0750	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	13.83
23 21 13 23-0751	EA	2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	44.77
23 21 13 23-0752	EA	2-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	44.88
23 21 13 23-0753	EA	3" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	44.98
23 21 13 23-0754	EA	4" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	96.38
23 21 13 23-0755	EA	5" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	120.12
23 21 13 23-0756	EA	6" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	138.32
23 21 13 23-0757	EA	8" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	140.27
23 21 13 23-0758	EA	10" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	356.91
23 21 13 23-0759	EA	12" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	360.59
23 21 13 23-0760	EA	14" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	542.26
23 21 13 23-0761	EA	16" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	721.43
23 21 13 23-0762	EA	18" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	1,854.58
23 21 13 23-0763	EA	20" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	2,150.78
23 21 13 23-0764	EA	24" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	2,484.71

23 21 13 23-0765 150 Lb., Rubber Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. rubber gasket and rebolting.

23 21 13 23-0766	EA	1/2", 150 Lb., Rubber Flange Gasket Replacement	34.17	
		For 300 Lb. Rating Gasket Set, Add	*0.25*	
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0767	EA	3/4", 150 Lb., Rubber Flange Gasket Replacement	36.63	
		For 300 Lb. Rating Gasket Set, Add	*0.33*	
		For Work In Restricted Working Space, Add	*10.71*	
23 21 13 23-0768	EA	1", 150 Lb., Rubber Flange Gasket Replacement	40.68	
		For 300 Lb. Rating Gasket Set, Add	*0.57*	
		For Work In Restricted Working Space, Add	*11.71*	
23 21 13 23-0769	EA	1-1/4", 150 Lb., Rubber Flange Gasket Replacement	44.26	
		For 300 Lb. Rating Gasket Set, Add	*0.65*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0770	EA	1-1/2", 150 Lb., Rubber Flange Gasket Replacement	49.19	
		For 300 Lb. Rating Gasket Set, Add	*0.82*	
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-0771	EA	2", 150 Lb., Rubber Flange Gasket Replacement	54.58	
		For 300 Lb. Rating Gasket Set, Add	*1.14*	
		For Work In Restricted Working Space, Add	*15.39*	
23 21 13 23-0772	EA	2-1/2", 150 Lb., Rubber Flange Gasket Replacement	64.67	
		For 300 Lb. Rating Gasket Set, Add	*1.55*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0773	EA	3", 150 Lb., Rubber Flange Gasket Replacement	68.73	
		For 300 Lb. Rating Gasket Set, Add	*1.80*	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0774	EA	4", 150 Lb., Rubber Flange Gasket Replacement	92.07	
		For 300 Lb. Rating Gasket Set, Add	*2.95*	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-0775	EA	5", 150 Lb., Rubber Flange Gasket Replacement	106.40	
		For 300 Lb. Rating Gasket Set, Add	*3.28*	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0776	EA	6", 150 Lb., Rubber Flange Gasket Replacement	122.59	
		For 300 Lb. Rating Gasket Set, Add	*4.26*	
		For Work In Restricted Working Space, Add	*33.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0777	EA	8", 150 Lb., Rubber Flange Gasket Replacement	151.63	
		For 300 Lb. Rating Gasket Set, Add	*6.22*	
		For Work In Restricted Working Space, Add	*40.16*	
23 21 13 23-0778	EA	10", 150 Lb., Rubber Flange Gasket Replacement	168.04	
		For 300 Lb. Rating Gasket Set, Add	*8.84*	
		For Work In Restricted Working Space, Add	*42.83*	
23 21 13 23-0779	EA	12", 150 Lb., Rubber Flange Gasket Replacement	194.02	
		For 300 Lb. Rating Gasket Set, Add	*11.30*	
		For Work In Restricted Working Space, Add	*48.52*	
23 21 13 23-0780	EA	14", 150 Lb., Rubber Flange Gasket Replacement	205.91	
		For 300 Lb. Rating Gasket Set, Add	*13.51*	
		For Work In Restricted Working Space, Add	*50.20*	
23 21 13 23-0781	EA	16", 150 Lb., Rubber Flange Gasket Replacement	266.13	
		For 300 Lb. Rating Gasket Set, Add	*15.06*	
		For Work In Restricted Working Space, Add	*66.93*	
23 21 13 23-0782	EA	18", 150 Lb., Rubber Flange Gasket Replacement	289.18	
		For 300 Lb. Rating Gasket Set, Add	*15.72*	
		For Work In Restricted Working Space, Add	*73.28*	
23 21 13 23-0783	EA	20", 150 Lb., Rubber Flange Gasket Replacement	345.98	
		For 300 Lb. Rating Gasket Set, Add	*16.86*	
		For Work In Restricted Working Space, Add	*89.34*	

23 21 13 23-0784 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0785	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.20	
		For Work In Restricted Working Space, Add	*7.26*	
23 21 13 23-0786	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.14	
		For Work In Restricted Working Space, Add	*7.84*	
23 21 13 23-0787	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.41	
		For Work In Restricted Working Space, Add	*8.82*	
23 21 13 23-0788	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	30.85	
		For Work In Restricted Working Space, Add	*9.26*	
23 21 13 23-0789	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	32.67	
		For Work In Restricted Working Space, Add	*9.80*	
23 21 13 23-0790	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	35.08	
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-0791	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	37.52	
		For Work In Restricted Working Space, Add	*11.26*	
23 21 13 23-0792	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	41.14	
		For Work In Restricted Working Space, Add	*12.34*	
23 21 13 23-0793	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	44.77	
		For Work In Restricted Working Space, Add	*13.43*	
23 21 13 23-0794	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	48.41	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0795	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	52.03	
		For Work In Restricted Working Space, Add	*15.61*	
23 21 13 23-0796	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	56.88	
		For Work In Restricted Working Space, Add	*17.06*	
23 21 13 23-0797	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	61.72	
		For Work In Restricted Working Space, Add	*18.52*	
23 21 13 23-0798	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	66.55	
		For Work In Restricted Working Space, Add	*19.97*	
23 21 13 23-0799	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	71.39	
		For Work In Restricted Working Space, Add	*21.42*	
23 21 13 23-0800	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	75.03	
		For Work In Restricted Working Space, Add	*22.51*	
23 21 13 23-0801	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	78.65	
		For Work In Restricted Working Space, Add	*23.60*	
23 21 13 23-0802	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	83.50	
		For Work In Restricted Working Space, Add	*25.05*	

23 21 13 23-0803 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

23 21 13 23-0804	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	27.09	12.45
		For Work In Restricted Working Space, Add	*6.11*	
23 21 13 23-0805	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	30.70	13.58
		For Work In Restricted Working Space, Add	*6.11*	
23 21 13 23-0806	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	32.70	13.35
		For Work In Restricted Working Space, Add	*5.99*	
23 21 13 23-0807	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	40.81	16.97
		For Work In Restricted Working Space, Add	*7.63*	
23 21 13 23-0808	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	67.43	25.12
		For Work In Restricted Working Space, Add	*11.30*	
23 21 13 23-0809	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	87.68	30.39
		For Work In Restricted Working Space, Add	*13.70*	
23 21 13 23-0810	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	119.22	37.85
		For Work In Restricted Working Space, Add	*17.03*	
23 21 13 23-0811	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	144.79	45.65
		For Work In Restricted Working Space, Add	*20.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0812	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	184.65	59.23
		For Work In Restricted Working Space, Add	*26.65*	

23 21 13 23-0813 150 Lb., Spiral Wound Metal Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. spiral wound metal flange gasket (1/8" thick carbon steel outer ring with spiral wound 304 stainless steel inner ring) and rebolting.

23 21 13 23-0814	EA	1/2", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	38.23	
		For 300 Lb., Add	*0.36*	
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0815	EA	3/4", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	40.52	
		For 300 Lb., Add	*0.36*	
		For Work In Restricted Working Space, Add	*10.71*	
23 21 13 23-0816	EA	1", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	43.92	
		For 300 Lb., Add	*0.37*	
		For Work In Restricted Working Space, Add	*11.71*	
23 21 13 23-0817	EA	1-1/4", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	48.01	
		For 300 Lb., Add	*0.42*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0818	EA	1-1/2", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	52.59	
		For 300 Lb., Add	*0.43*	
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-0819	EA	2", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	57.32	
		For 300 Lb., Add	*0.45*	
		For Work In Restricted Working Space, Add	*15.39*	
23 21 13 23-0820	EA	2-1/2", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	66.76	
		For 300 Lb., Add	*0.49*	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0821	EA	3", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	70.64	
		For 300 Lb., Add	*0.53*	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0822	EA	4", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	92.67	
		For 300 Lb., Add	*0.68*	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-0823	EA	5", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	108.17	
		For 300 Lb., Add	*0.84*	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0824	EA	6", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	122.81	
		For 300 Lb., Add	*0.93*	
		For Work In Restricted Working Space, Add	*33.13*	
23 21 13 23-0825	EA	8", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	148.63	
		For 300 Lb., Add	*1.11*	
		For Work In Restricted Working Space, Add	*40.16*	
23 21 13 23-0826	EA	10", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	163.14	
		For 300 Lb., Add	*1.53*	
		For Work In Restricted Working Space, Add	*42.83*	
23 21 13 23-0827	EA	12", 150 Lb., Spiral Wound Metal Flange Gasket Replacement	192.41	
		For 300 Lb., Add	*2.30*	
		For Work In Restricted Working Space, Add	*48.52*	

23 21 13 23-0828 150 Lb., Flexible Graphite Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. spiral wound metal flange gasket (flexible graphite outer ring with 316 stainless steel inner ring) and rebolting.

23 21 13 23-0829	EA	1/2", 150 Lb., Flexible Graphite Flange Gasket Replacement	34.43	
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0830	EA	3/4", 150 Lb., Flexible Graphite Flange Gasket Replacement	37.27	
		For Work In Restricted Working Space, Add	*10.71*	
23 21 13 23-0831	EA	1", 150 Lb., Flexible Graphite Flange Gasket Replacement	40.86	
		For Work In Restricted Working Space, Add	*11.71*	
23 21 13 23-0832	EA	1-1/4", 150 Lb., Flexible Graphite Flange Gasket Replacement	44.97	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0833	EA	1-1/2", 150 Lb., Flexible Graphite Flange Gasket Replacement	49.60	
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-0834	EA	2", 150 Lb., Flexible Graphite Flange Gasket Replacement	54.92	
		For Work In Restricted Working Space, Add	*15.39*	
23 21 13 23-0835	EA	2-1/2", 150 Lb., Flexible Graphite Flange Gasket Replacement	65.11	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0836	EA	3", 150 Lb., Flexible Graphite Flange Gasket Replacement	68.72	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0837	EA	4", 150 Lb., Flexible Graphite Flange Gasket Replacement	91.98	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-0838	EA	5", 150 Lb., Flexible Graphite Flange Gasket Replacement	106.95	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0839	EA	6", 150 Lb., Flexible Graphite Flange Gasket Replacement	121.49	
		For Work In Restricted Working Space, Add	*33.13*	
23 21 13 23-0840	EA	8", 150 Lb., Flexible Graphite Flange Gasket Replacement	152.46	
		For Work In Restricted Working Space, Add	*40.16*	
23 21 13 23-0841	EA	10", 150 Lb., Flexible Graphite Flange Gasket Replacement	169.77	
		For Work In Restricted Working Space, Add	*42.83*	
23 21 13 23-0842	EA	12", 150 Lb., Flexible Graphite Flange Gasket Replacement	195.12	
		For Work In Restricted Working Space, Add	*48.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0843 150 Lb., Teflon, Spiral Wound, Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. spiral wound metal flange gasket (teflon outer ring with 304 stainless steel inner ring) and rebolting.

23 21 13 23-0844	EA	1/2", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	54.39	
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0845	EA	3/4", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	58.04	
		For Work In Restricted Working Space, Add	*10.71*	
23 21 13 23-0846	EA	1", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	62.85	
		For Work In Restricted Working Space, Add	*11.71*	
23 21 13 23-0847	EA	1-1/4", Teflon, Spiral Wound, Flange Gasket Replacement	71.22	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0848	EA	1-1/2", Teflon, Spiral Wound, Flange Gasket Replacement	76.64	
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-0849	EA	2", Teflon, Spiral Wound, Flange Gasket Replacement	83.58	
		For Work In Restricted Working Space, Add	*15.39*	
23 21 13 23-0850	EA	2-1/2", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	97.12	
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0851	EA	3", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	110.39	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0852	EA	4", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	139.38	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-0853	EA	5", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	166.45	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0854	EA	6", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	218.03	
		For Work In Restricted Working Space, Add	*33.13*	
23 21 13 23-0855	EA	8", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	240.13	
		For Work In Restricted Working Space, Add	*40.16*	
23 21 13 23-0856	EA	10", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	273.49	
		For Work In Restricted Working Space, Add	*42.83*	
23 21 13 23-0857	EA	12", 150 Lb. Teflon, Spiral Wound, Flange Gasket Replacement	359.16	
		For Work In Restricted Working Space, Add	*48.52*	

23 21 13 23-0858 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.

23 21 13 23-0859 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0858)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0860 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0859)*

23 21 13 23-0861	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	322.25	52.05
		For Galvanized Fittings, Add	*195.38*	
		For Extra Heavy Weight Fittings, Add	*293.08*	
23 21 13 23-0862	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	359.39	57.96
		For Galvanized Fittings, Add	*217.97*	
		For Extra Heavy Weight Fittings, Add	*326.95*	
23 21 13 23-0863	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	360.95	63.97
		For Galvanized Fittings, Add	*212.08*	
		For Extra Heavy Weight Fittings, Add	*318.12*	
23 21 13 23-0864	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	453.87	74.34
		For Galvanized Fittings, Add	*273.94*	
		For Extra Heavy Weight Fittings, Add	*410.90*	
23 21 13 23-0865	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	621.89	83.25
		For Galvanized Fittings, Add	*397.65*	
		For Extra Heavy Weight Fittings, Add	*596.47*	
23 21 13 23-0866	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	662.81	96.64
		For Galvanized Fittings, Add	*414.34*	
		For Extra Heavy Weight Fittings, Add	*621.50*	
23 21 13 23-0867	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	831.46	106.99
		For Galvanized Fittings, Add	*536.77*	
		For Extra Heavy Weight Fittings, Add	*805.15*	

23 21 13 23-0868 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0859)*

23 21 13 23-0869	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	575.86	55.06
		For Galvanized Fittings, Add	*394.70*	
		For Extra Heavy Weight Fittings, Add	*592.06*	
23 21 13 23-0870	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	601.95	60.97
		For Galvanized Fittings, Add	*408.45*	
		For Extra Heavy Weight Fittings, Add	*612.67*	
23 21 13 23-0871	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	745.53	69.11
		For Galvanized Fittings, Add	*513.50*	
		For Extra Heavy Weight Fittings, Add	*770.26*	
23 21 13 23-0872	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	915.45	73.56
		For Galvanized Fittings, Add	*644.09*	
		For Extra Heavy Weight Fittings, Add	*966.13*	
23 21 13 23-0873	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,043.75	85.49
		For Galvanized Fittings, Add	*732.46*	
		For Extra Heavy Weight Fittings, Add	*1,098.68*	
23 21 13 23-0874	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,445.04	101.87
		For Galvanized Fittings, Add	*1,033.88*	
		For Extra Heavy Weight Fittings, Add	*1,550.82*	

23 21 13 23-0875 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0859)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0876	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	410.62	52.05
		For Galvanized Fittings, Add	*266.08*	
		For Extra Heavy Weight Fittings, Add	*399.12*	
23 21 13 23-0877	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	430.58	57.96
		For Galvanized Fittings, Add	*274.92*	
		For Extra Heavy Weight Fittings, Add	*412.38*	
23 21 13 23-0878	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	449.31	63.97
		For Galvanized Fittings, Add	*282.77*	
		For Extra Heavy Weight Fittings, Add	*424.15*	
23 21 13 23-0879	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	556.96	74.34
		For Galvanized Fittings, Add	*356.41*	
		For Extra Heavy Weight Fittings, Add	*534.61*	
23 21 13 23-0880	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	788.80	83.25
		For Galvanized Fittings, Add	*531.18*	
		For Extra Heavy Weight Fittings, Add	*796.76*	
23 21 13 23-0881	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	778.18	96.64
		For Galvanized Fittings, Add	*506.63*	
		For Extra Heavy Weight Fittings, Add	*759.95*	
23 21 13 23-0882	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	913.62	106.99
		For Galvanized Fittings, Add	*602.50*	
		For Extra Heavy Weight Fittings, Add	*903.74*	

23 21 13 23-0883 Flanged Steel, Tees *(23 21 13 23-0859)*

23 21 13 23-0884	EA	2" Standard Weight, Flanged Steel, Tee	420.17	78.02
		For Galvanized Fittings, Add	*242.51*	
		For Extra Heavy Weight Fittings, Add	*363.77*	
23 21 13 23-0885	EA	2-1/2" Standard Weight, Flanged Steel, Tee	534.18	86.93
		For Galvanized Fittings, Add	*323.02*	
		For Extra Heavy Weight Fittings, Add	*484.54*	
23 21 13 23-0886	EA	3" Standard Weight, Flanged Steel, Tee	497.25	95.85
		For Galvanized Fittings, Add	*282.78*	
		For Extra Heavy Weight Fittings, Add	*424.16*	
23 21 13 23-0887	EA	4" Standard Weight, Flanged Steel, Tee	694.91	111.56
		For Galvanized Fittings, Add	*422.18*	
		For Extra Heavy Weight Fittings, Add	*633.28*	
23 21 13 23-0888	EA	5" Standard Weight, Flanged Steel, Tee	1,007.55	124.94
		For Galvanized Fittings, Add	*656.24*	
		For Extra Heavy Weight Fittings, Add	*984.36*	
23 21 13 23-0889	EA	6" Standard Weight, Flanged Steel, Tee	1,225.11	145.00
		For Galvanized Fittings, Add	*806.22*	
		For Extra Heavy Weight Fittings, Add	*1,209.34*	
23 21 13 23-0890	EA	8" Standard Weight, Flanged Steel, Tee	1,361.03	167.96
		For Galvanized Fittings, Add	*887.31*	
		For Extra Heavy Weight Fittings, Add	*1,330.97*	

23 21 13 23-0891 Flanged Steel, Reducing Tees *(23 21 13 23-0859)*

23 21 13 23-0892	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	640.18	84.03
		For Galvanized Fittings, Add	*411.39*	
		For Extra Heavy Weight Fittings, Add	*617.09*	
23 21 13 23-0893	EA	3" Standard Weight, Flanged Steel, Reducing Tee	737.01	92.96
		For Galvanized Fittings, Add	*478.16*	
		For Extra Heavy Weight Fittings, Add	*717.24*	
23 21 13 23-0894	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,235.64	106.33
		For Galvanized Fittings, Add	*861.02*	
		For Extra Heavy Weight Fittings, Add	*1,291.52*	
23 21 13 23-0895	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,338.99	120.49
		For Galvanized Fittings, Add	*926.74*	
		For Extra Heavy Weight Fittings, Add	*1,390.12*	
23 21 13 23-0896	EA	6" Standard Weight, Flanged Steel, Reducing Tee	1,675.20	138.31
		For Galvanized Fittings, Add	*1,174.31*	
		For Extra Heavy Weight Fittings, Add	*1,761.47*	
23 21 13 23-0897	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,081.26	155.37
		For Galvanized Fittings, Add	*1,478.66*	
		For Extra Heavy Weight Fittings, Add	*2,217.98*	

23 21 13 23-0898 Flanged Steel, Concentric Reducers *(23 21 13 23-0859)*

23 21 13 23-0899	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	594.59	60.97
		For Galvanized Fittings, Add	*402.56*	
		For Extra Heavy Weight Fittings, Add	*603.84*	
23 21 13 23-0900	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	675.57	69.11
		For Galvanized Fittings, Add	*457.54*	
		For Extra Heavy Weight Fittings, Add	*686.30*	
23 21 13 23-0901	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	988.30	78.80
		For Galvanized Fittings, Add	*696.13*	
		For Extra Heavy Weight Fittings, Add	*1,044.19*	
23 21 13 23-0902	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,089.16	85.49
		For Galvanized Fittings, Add	*768.78*	
		For Extra Heavy Weight Fittings, Add	*1,153.18*	
23 21 13 23-0903	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,276.90	101.87
		For Galvanized Fittings, Add	*899.37*	
		For Extra Heavy Weight Fittings, Add	*1,349.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0904 Flanged Steel, Eccentric Reducers *(23 21 13 23-0859)*

23 21 13 23-0905	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	644.65	69.11
		For Galvanized Fittings, Add	*432.80*	
		For Extra Heavy Weight Fittings, Add	*649.20*	
23 21 13 23-0906	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	867.29	78.80
		For Galvanized Fittings, Add	*599.32*	
		For Extra Heavy Weight Fittings, Add	*898.98*	

23 21 13 23-0907 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

23 21 13 23-0908 Plain End Piping System Couplings *(23 21 13 23-0907)*

23 21 13 23-0909 Plainlock Plain End Piping System Couplings *(23 21 13 23-0908)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0910	EA	1" Plainlock Plain End Piping System Coupling	151.05	6.69
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0911	EA	1-1/2" Plainlock Plain End Piping System Coupling	154.95	9.25
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0912	EA	2" Plainlock Plain End Piping System Coupling	159.46	12.26
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0913	EA	2-1/2" Plainlock Plain End Piping System Coupling	163.31	14.83
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0914	EA	3" Plainlock Plain End Piping System Coupling	193.17	17.84
		For Galvanized Fittings, Add	*33.29*	
23 21 13 23-0915	EA	4" Plainlock Plain End Piping System Coupling	266.24	23.74
		For Galvanized Fittings, Add	*46.12*	
23 21 13 23-0916	EA	6" Plainlock Plain End Piping System Coupling	447.31	38.68
		For Galvanized Fittings, Add	*77.87*	

23 21 13 23-0917 Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0908)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0918	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	182.34	9.25
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0919	EA	2" Roust-A-Bout Plain End Piping System Coupling	186.85	12.26
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0920	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	190.71	14.94
		For Galvanized Fittings, Add	*42.10*	
23 21 13 23-0921	EA	3" Roust-A-Bout Plain End Piping System Coupling	276.18	17.84
		For Galvanized Fittings, Add	*62.36*	
23 21 13 23-0922	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	319.93	20.84
		For Galvanized Fittings, Add	*72.17*	
23 21 13 23-0923	EA	4" Roust-A-Bout Plain End Piping System Coupling	324.33	23.74
		For Galvanized Fittings, Add	*72.17*	
23 21 13 23-0924	EA	5" Roust-A-Bout Plain End Piping System Coupling	457.05	29.76
		For Galvanized Fittings, Add	*103.11*	
23 21 13 23-0925	EA	6" Roust-A-Bout Plain End Piping System Coupling	561.69	38.68
		For Galvanized Fittings, Add	*125.93*	
23 21 13 23-0926	EA	8" Roust-A-Bout Plain End Piping System Coupling	962.36	46.14
		For Galvanized Fittings, Add	*223.30*	
23 21 13 23-0927	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,243.97	54.61
		For Galvanized Fittings, Add	*290.51*	
23 21 13 23-0928	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,555.08	64.64
		For Galvanized Fittings, Add	*364.53*	
23 21 13 23-0929	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,177.69	71.44
		For Galvanized Fittings, Add	*517.63*	
23 21 13 23-0930	EA	16" Roust-A-Bout Plain End Piping System Coupling	2,956.55	80.81
		For Galvanized Fittings, Add	*708.85*	

23 21 13 23-0931 Plain End Piping System Fittings *(23 21 13 23-0907)*

Note: Cast ductile iron bodies.

23 21 13 23-0932 Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0931)*

23 21 13 23-0933	EA	1" Plain End Piping System, 90 Degree Elbow	151.33	12.15
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0934	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	160.71	18.39
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0935	EA	2" Plain End Piping System, 90 Degree Elbow	169.54	24.30
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0936	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	177.49	29.65
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0937	EA	3" Plain End Piping System, 90 Degree Elbow	213.68	35.89
		For Galvanized Fittings, Add	*31.98*	
23 21 13 23-0938	EA	4" Plain End Piping System, 90 Degree Elbow	304.07	47.26
		For Galvanized Fittings, Add	*46.63*	
23 21 13 23-0939	EA	5" Plain End Piping System, 90 Degree Elbow	895.83	59.18
		For Galvanized Fittings, Add	*161.42*	
23 21 13 23-0940	EA	6" Plain End Piping System, 90 Degree Elbow	757.87	77.46
		For Galvanized Fittings, Add	*128.35*	
23 21 13 23-0941	EA	8" Plain End Piping System, 90 Degree Elbow	1,493.41	91.95
		For Galvanized Fittings, Add	*271.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0942	EA	10" Plain End Piping System, 90 Degree Elbow	1,864.68	107.44
		For Galvanized Fittings, Add	*340.72*	
23 21 13 23-0943	EA	12" Plain End Piping System, 90 Degree Elbow	2,362.59	129.07
		For Galvanized Fittings, Add	*433.82*	

23 21 13 23-0944 Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0931)*

23 21 13 23-0945	EA	1" Plain End Piping System, 45 Degree Elbow	151.33	12.15
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0946	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	160.71	18.39
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0947	EA	2" Plain End Piping System, 45 Degree Elbow	169.54	24.30
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0948	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	177.49	29.65
		For Galvanized Fittings, Add	*26.62*	
23 21 13 23-0949	EA	3" Plain End Piping System, 45 Degree Elbow	213.68	35.89
		For Galvanized Fittings, Add	*31.98*	
23 21 13 23-0950	EA	4" Plain End Piping System, 45 Degree Elbow	304.07	47.26
		For Galvanized Fittings, Add	*46.63*	
23 21 13 23-0951	EA	5" Plain End Piping System, 45 Degree Elbow	895.83	59.18
		For Galvanized Fittings, Add	*161.42*	
23 21 13 23-0952	EA	6" Plain End Piping System, 45 Degree Elbow	760.34	77.46
		For Galvanized Fittings, Add	*128.85*	
23 21 13 23-0953	EA	8" Plain End Piping System, 45 Degree Elbow	882.72	91.95
		For Galvanized Fittings, Add	*148.96*	
23 21 13 23-0954	EA	10" Plain End Piping System, 45 Degree Elbow	1,200.45	107.44
		For Galvanized Fittings, Add	*207.88*	
23 21 13 23-0955	EA	12" Plain End Piping System, 45 Degree Elbow	1,536.26	129.07
		For Galvanized Fittings, Add	*268.55*	

23 21 13 23-0956 Plain End Piping System, Tees *(23 21 13 23-0931)*

23 21 13 23-0957	EA	1" Plain End Piping System, Tee	206.85	18.39
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0958	EA	1-1/2" Plain End Piping System, Tee	220.66	27.64
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0959	EA	2" Plain End Piping System, Tee	232.84	35.78
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0960	EA	2-1/2" Plain End Piping System, Tee	244.98	43.80
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0961	EA	3" Plain End Piping System, Tee	338.74	53.84
		For Galvanized Fittings, Add	*51.59*	
23 21 13 23-0962	EA	4" Plain End Piping System, Tee	463.12	69.66
		For Galvanized Fittings, Add	*71.75*	
23 21 13 23-0963	EA	5" Plain End Piping System, Tee	924.67	91.06
		For Galvanized Fittings, Add	*157.62*	
23 21 13 23-0964	EA	6" Plain End Piping System, Tee	1,143.60	114.02
		For Galvanized Fittings, Add	*194.53*	
23 21 13 23-0965	EA	8" Plain End Piping System, Tee	1,555.62	138.65
		For Galvanized Fittings, Add	*269.54*	
23 21 13 23-0966	EA	10" Plain End Piping System, Tee	2,300.35	161.61
		For Galvanized Fittings, Add	*411.61*	
23 21 13 23-0967	EA	12" Plain End Piping System, Tee	3,074.34	193.59
		For Galvanized Fittings, Add	*556.82*	

23 21 13 23-0968 Plain End Piping System, Reducing Tees *(23 21 13 23-0931)*

23 21 13 23-0969	EA	1-1/2" Plain End Piping System, Reducing Tee	398.74	29.65
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0970	EA	2" Plain End Piping System, Reducing Tee	407.90	35.78
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0971	EA	2-1/2" Plain End Piping System, Reducing Tee	420.04	43.80
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0972	EA	3" Plain End Piping System, Reducing Tee	435.09	53.84
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0973	EA	4" Plain End Piping System, Reducing Tee	627.45	69.66
		For Galvanized Fittings, Add	*104.62*	
23 21 13 23-0974	EA	6" Plain End Piping System, Reducing Tee	1,059.21	114.02
		For Galvanized Fittings, Add	*177.65*	
23 21 13 23-0975	EA	8" Plain End Piping System, Reducing Tee	1,377.72	138.65
		For Galvanized Fittings, Add	*233.96*	
23 21 13 23-0976	EA	10" Plain End Piping System, Reducing Tee	2,045.71	161.61
		For Galvanized Fittings, Add	*360.68*	
23 21 13 23-0977	EA	12" Plain End Piping System, Reducing Tee	3,001.48	193.59
		For Galvanized Fittings, Add	*542.25*	

23 21 13 23-0978 Plain End Piping System, Wyes *(23 21 13 23-0931)*

23 21 13 23-0979	EA	2" Plain End Piping System, Wye	578.64	35.78
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0980	EA	2-1/2" Plain End Piping System, Wye	590.78	43.80
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0981	EA	3" Plain End Piping System, Wye	670.97	53.84
		For Galvanized Fittings, Add	*118.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0982		EA	4" Plain End Piping System, Wye	980.41	69.66
			For Galvanized Fittings, Add	*175.21*	
23 21 13 23-0983		EA	5" Plain End Piping System, Wye	1,202.62	91.06
			For Galvanized Fittings, Add	*213.21*	
23 21 13 23-0984		EA	6" Plain End Piping System, Wye	1,638.93	114.02
			For Galvanized Fittings, Add	*293.60*	
23 21 13 23-0985		EA	8" Plain End Piping System, Wye	2,109.06	138.65
			For Galvanized Fittings, Add	*380.23*	
23 21 13 23-0986		EA	10" Plain End Piping System, Wye	3,045.75	161.61
			For Galvanized Fittings, Add	*560.69*	
23 21 13 23-0987		EA	12" Plain End Piping System, Wye	4,612.02	193.59
			For Galvanized Fittings, Add	*864.35*	

23 21 13 23-0988 Plain End Piping System, Laterals *(23 21 13 23-0931)*

23 21 13 23-0989		EA	2" Plain End Piping System, Lateral	615.78	35.78
			For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0990		EA	2-1/2" Plain End Piping System, Lateral	627.92	43.80
			For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0991		EA	3" Plain End Piping System, Lateral	707.86	53.84
			For Galvanized Fittings, Add	*125.42*	
23 21 13 23-0992		EA	4" Plain End Piping System, Lateral	1,050.85	69.66
			For Galvanized Fittings, Add	*189.30*	
23 21 13 23-0993		EA	5" Plain End Piping System, Lateral	1,370.40	91.06
			For Galvanized Fittings, Add	*246.76*	
23 21 13 23-0994		EA	6" Plain End Piping System, Lateral	1,746.88	114.02
			For Galvanized Fittings, Add	*315.19*	
23 21 13 23-0995		EA	8" Plain End Piping System, Lateral	2,505.57	138.65
			For Galvanized Fittings, Add	*459.53*	
23 21 13 23-0996		EA	10" Plain End Piping System, Lateral	3,485.69	161.61
			For Galvanized Fittings, Add	*648.68*	
23 21 13 23-0997		EA	12" Plain End Piping System, Lateral	4,677.41	193.59
			For Galvanized Fittings, Add	*877.43*	

23 21 13 23-0998 Plain End Piping System, Crosses *(23 21 13 23-0931)*

23 21 13 23-0999		EA	2" Plain End Piping System, Cross	690.73	53.61
			For Galvanized Fittings, Add	*76.30*	
23 21 13 23-1000		EA	2-1/2" Plain End Piping System, Cross	708.88	65.65
			For Galvanized Fittings, Add	*76.30*	
23 21 13 23-1001		EA	3" Plain End Piping System, Cross	829.16	80.81
			For Galvanized Fittings, Add	*88.50*	
23 21 13 23-1002		EA	4" Plain End Piping System, Cross	1,129.18	104.44
			For Galvanized Fittings, Add	*121.58*	
23 21 13 23-1003		EA	5" Plain End Piping System, Cross	1,586.38	136.65
			For Galvanized Fittings, Add	*172.69*	
23 21 13 23-1004		EA	6" Plain End Piping System, Cross	2,079.78	170.52
			For Galvanized Fittings, Add	*228.02*	
23 21 13 23-1005		EA	8" Plain End Piping System, Cross	2,649.80	206.53
			For Galvanized Fittings, Add	*292.53*	
23 21 13 23-1006		EA	10" Plain End Piping System, Cross	3,776.37	241.41
			For Galvanized Fittings, Add	*426.81*	
23 21 13 23-1007		EA	12" Plain End Piping System, Cross	5,358.82	290.45
			For Galvanized Fittings, Add	*615.43*	

23 21 13 23-1008 Plain End Piping System, Adapter Nipples *(23 21 13 23-0931)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-1009		EA	1" Plain End Piping System, Adapter Nipple	44.91	6.69
			For Galvanized Fittings, Add	*8.72*	
23 21 13 23-1010		EA	1-1/2" Plain End Piping System, Adapter Nipple	49.77	9.25
			For Galvanized Fittings, Add	*8.96*	
23 21 13 23-1011		EA	2" Plain End Piping System, Adapter Nipple	54.16	12.26
			For Galvanized Fittings, Add	*8.96*	
23 21 13 23-1012		EA	2-1/2" Plain End Piping System, Adapter Nipple	64.27	14.83
			For Galvanized Fittings, Add	*10.50*	
23 21 13 23-1013		EA	3" Plain End Piping System, Adapter Nipple	78.62	17.84
			For Galvanized Fittings, Add	*12.97*	
23 21 13 23-1014		EA	4" Plain End Piping System, Adapter Nipple	122.40	23.74
			For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1015		EA	6" Plain End Piping System, Adapter Nipple	279.16	29.76
			For Galvanized Fittings, Add	*58.65*	

23 21 13 23-1016 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0931)*

23 21 13 23-1017		EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	141.16	15.94
			For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1018		EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	145.63	18.95
			For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1019		EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	150.14	21.96
			For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1020		EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	149.04	21.28
			For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1021		EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	153.43	24.18
			For Galvanized Fittings, Add	*29.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1022	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	157.88	27.08
		For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1023	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	179.45	24.52
		For Galvanized Fittings, Add	*35.68*	
23 21 13 23-1024	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	183.41	27.08
		For Galvanized Fittings, Add	*35.68*	
23 21 13 23-1025	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	154.94	30.10
		For Galvanized Fittings, Add	*27.45*	
23 21 13 23-1026	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	163.57	35.89
		For Galvanized Fittings, Add	*27.45*	
23 21 13 23-1027	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	189.19	38.68
		For Galvanized Fittings, Add	*32.82*	
23 21 13 23-1028	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	246.39	30.43
		For Galvanized Fittings, Add	*50.18*	
23 21 13 23-1029	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	250.29	33.10
		For Galvanized Fittings, Add	*50.18*	
23 21 13 23-1030	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	206.09	36.11
		For Galvanized Fittings, Add	*38.00*	
23 21 13 23-1031	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	209.91	38.68
		For Galvanized Fittings, Add	*38.00*	
23 21 13 23-1032	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	214.46	41.69
		For Galvanized Fittings, Add	*38.00*	
23 21 13 23-1033	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	218.80	44.58
		For Galvanized Fittings, Add	*38.00*	
23 21 13 23-1034	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	621.95	42.02
		For Galvanized Fittings, Add	*139.73*	
23 21 13 23-1035	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	502.66	47.48
		For Galvanized Fittings, Add	*107.85*	
23 21 13 23-1036	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	435.30	53.61
		For Galvanized Fittings, Add	*88.75*	
23 21 13 23-1037	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	1,132.92	45.37
		For Galvanized Fittings, Add	*266.24*	
23 21 13 23-1038	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,136.77	47.92
		For Galvanized Fittings, Add	*266.24*	
23 21 13 23-1039	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	864.01	50.94
		For Galvanized Fittings, Add	*196.92*	
23 21 13 23-1040	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	867.97	53.61
		For Galvanized Fittings, Add	*196.92*	
23 21 13 23-1041	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	595.17	56.50
		For Galvanized Fittings, Add	*127.62*	
23 21 13 23-1042	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	599.22	59.18
		For Galvanized Fittings, Add	*127.62*	
23 21 13 23-1043	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	480.64	62.42
		For Galvanized Fittings, Add	*96.79*	
23 21 13 23-1044	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	546.33	68.32
		For Galvanized Fittings, Add	*110.97*	
23 21 13 23-1045	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	711.40	63.86
		For Galvanized Fittings, Add	*153.91*	
23 21 13 23-1046	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	720.39	69.88
		For Galvanized Fittings, Add	*153.91*	
23 21 13 23-1047	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	814.08	75.90
		For Galvanized Fittings, Add	*175.09*	
23 21 13 23-1048	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	912.29	84.82
		For Galvanized Fittings, Add	*196.27*	
23 21 13 23-1049		Plain End Piping System, Bull Plugs *(23 21 13 23-0931)*		
23 21 13 23-1050	EA	1" Plain End Piping System, Bull Plug	299.47	6.69
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-1051	EA	1-1/2" Plain End Piping System, Bull Plug	303.37	9.25
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-1052	EA	2" Plain End Piping System, Bull Plug	307.76	12.26
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-1053	EA	2-1/2" Plain End Piping System, Bull Plug	311.71	14.83
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-1054	EA	3" Plain End Piping System, Bull Plug	451.01	17.84
		For Galvanized Fittings, Add	*127.28*	
23 21 13 23-1055	EA	4" Plain End Piping System, Bull Plug	583.67	23.74
		For Galvanized Fittings, Add	*164.40*	
23 21 13 23-1056	EA	5" Plain End Piping System, Bull Plug	1,013.03	29.76
		For Galvanized Fittings, Add	*290.54*	
23 21 13 23-1057	EA	6" Plain End Piping System, Bull Plug	1,349.63	38.68
		For Galvanized Fittings, Add	*387.50*	
23 21 13 23-1058	EA	8" Plain End Piping System, Bull Plug	2,497.52	46.03
		For Galvanized Fittings, Add	*728.53*	
23 21 13 23-1059	EA	10" Plain End Piping System, Bull Plug	4,489.15	53.84
		For Galvanized Fittings, Add	*1,322.51*	
23 21 13 23-1060	EA	12" Plain End Piping System, Bull Plug	6,876.25	64.64
		For Galvanized Fittings, Add	*2,033.79*	
23 21 13 23-1061		Carbon Steel Piping Systems *(23 21 13 23)*		
23 21 13 23-1062		Class 3,000 Lb. Carbon Steel Socket Weld Fittings *(23 21 13 23-1061)* Note: ASTM A105		
23 21 13 23-1063		90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1062)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1064	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	38.18	22.07
23 21 13 23-1065	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	42.85	24.63
23 21 13 23-1066	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	52.12	27.53
23 21 13 23-1067	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	66.95	31.21
23 21 13 23-1068	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	76.21	35.11
23 21 13 23-1069	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	101.49	44.69
23 21 13 23-1070	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	186.73	66.09
23 21 13 23-1071	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	261.20	86.93
23 21 13 23-1072	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	420.13	94.93
23 21 13 23-1073		**45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1074	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	40.44	22.07
23 21 13 23-1075	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	46.28	24.63
23 21 13 23-1076	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	53.18	27.53
23 21 13 23-1077	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	68.28	31.21
23 21 13 23-1078	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	79.41	35.11
23 21 13 23-1079	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	101.42	44.69
23 21 13 23-1080	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	206.31	66.09
23 21 13 23-1081	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	277.77	86.93
23 21 13 23-1082	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	412.96	94.93
23 21 13 23-1083		**Straight Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1084	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	47.13	27.53
23 21 13 23-1085	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	56.07	31.76
23 21 13 23-1086	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	71.23	37.56
23 21 13 23-1087	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	91.30	44.69
23 21 13 23-1088	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	110.11	53.28
23 21 13 23-1089	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	142.92	66.09
23 21 13 23-1090	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	235.92	86.93
23 21 13 23-1091	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	313.30	103.20
23 21 13 23-1092	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	552.09	119.85
23 21 13 23-1093		**Reducing Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1094	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	47.75	27.53
23 21 13 23-1095	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	56.72	31.76
23 21 13 23-1096	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	72.00	37.56
23 21 13 23-1097	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	93.12	44.69
23 21 13 23-1098	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	112.24	53.28
23 21 13 23-1099	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	146.19	66.09
23 21 13 23-1100	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	243.70	86.93
23 21 13 23-1101	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	324.51	103.20
23 21 13 23-1102	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	512.20	119.85
23 21 13 23-1103		**Straight Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1104	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	35.38	22.07
23 21 13 23-1105	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	39.75	24.63
23 21 13 23-1106	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	45.55	27.53
23 21 13 23-1107	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	52.11	31.21
23 21 13 23-1108	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	59.93	35.11
23 21 13 23-1109	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	77.52	44.69
23 21 13 23-1110	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 Lb.	125.67	66.09
23 21 13 23-1111	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	167.05	86.93
23 21 13 23-1112	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	215.46	94.93
23 21 13 23-1113		**Reducing Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1114	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	36.65	22.07
23 21 13 23-1115	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	41.14	24.63
23 21 13 23-1116	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	47.77	27.53
23 21 13 23-1117	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	54.80	31.21
23 21 13 23-1118	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	63.91	35.11
23 21 13 23-1119	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	81.77	44.69
23 21 13 23-1120	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	135.04	66.09
23 21 13 23-1121	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	185.90	86.93
23 21 13 23-1122	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	254.64	94.93
23 21 13 23-1123		**Caps, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1124	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	19.20	10.37
23 21 13 23-1125	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	21.38	11.04
23 21 13 23-1126	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	24.94	12.70
23 21 13 23-1127	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	28.33	13.83
23 21 13 23-1128	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	31.15	13.83
23 21 13 23-1129	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	40.34	17.73
23 21 13 23-1130	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	65.32	22.07
23 21 13 23-1131	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	90.82	26.64
23 21 13 23-1132	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	128.09	32.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1133		**Black Cast Iron Square Head Plug** *(23 21 13 23-1062)*		
23 21 13 23-1134	EA	1/2" Square Head Plug, Black, Cast Iron	13.97	8.80
23 21 13 23-1135	EA	3/4" Square Head Plug, Black, Cast Iron	15.18	8.80
23 21 13 23-1136	EA	1" Square Head Plug, Black, Cast Iron	22.21	13.37
23 21 13 23-1137	EA	1-1/4" Square Head Plug, Black, Cast Iron	22.45	13.37
23 21 13 23-1138	EA	1-1/2" Square Head Plug, Black, Cast Iron	23.45	13.37
23 21 13 23-1139	EA	2" Square Head Plug, Black, Cast Iron	31.14	17.73
23 21 13 23-1140	EA	2-1/2" Square Head Plug, Black, Cast Iron	39.57	22.07
23 21 13 23-1141	EA	3" Square Head Plug, Black, Cast Iron	50.45	26.64
23 21 13 23-1142	EA	4" Square Head Plug, Black, Cast Iron	61.11	32.48
23 21 13 23-1143		**Unions, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1144	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	54.45	27.53
23 21 13 23-1145	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	61.15	31.76
23 21 13 23-1146	EA	1" Union, Carbon Steel, Socket Weld, 3,000 Lb.	76.05	37.56
23 21 13 23-1147	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	94.21	44.69
23 21 13 23-1148	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	113.18	53.28
23 21 13 23-1149	EA	2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	141.13	66.09
23 21 13 23-1150	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	215.36	71.77
23 21 13 23-1151	EA	3" Union, Carbon Steel, Socket Weld, 3,000 Lb.	282.99	86.93
23 21 13 23-1152		**Class 6,000 Lb. Carbon Steel Socket Weld Fittings** *(23 21 13 23-1061)* Note: ASTM A105		
23 21 13 23-1153		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1154	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	40.91	22.07
23 21 13 23-1155	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	45.97	24.63
23 21 13 23-1156	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	57.88	27.53
23 21 13 23-1157	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	77.68	31.21
23 21 13 23-1158	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	88.71	35.11
23 21 13 23-1159	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	119.84	44.69
23 21 13 23-1160	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	233.28	66.09
23 21 13 23-1161	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	330.69	86.93
23 21 13 23-1162	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	567.70	94.93
23 21 13 23-1163		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1164	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	44.64	22.07
23 21 13 23-1165	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	51.55	24.63
23 21 13 23-1166	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	59.91	27.53
23 21 13 23-1167	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	80.48	31.21
23 21 13 23-1168	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	94.54	35.11
23 21 13 23-1169	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	120.95	44.69
23 21 13 23-1170	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	267.03	66.09
23 21 13 23-1171	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	361.24	86.93
23 21 13 23-1172	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	566.22	94.93
23 21 13 23-1173		**Straight Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1174	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	52.54	27.53
23 21 13 23-1175	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	63.90	31.76
23 21 13 23-1176	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	85.07	37.56
23 21 13 23-1177	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	113.86	44.69
23 21 13 23-1178	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	138.08	53.28
23 21 13 23-1179	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	183.53	66.09
23 21 13 23-1180	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	333.69	86.93
23 21 13 23-1181	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	460.10	103.20
23 21 13 23-1182	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	896.98	119.85
23 21 13 23-1183		**Reducing Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1184	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	47.75	27.53
23 21 13 23-1185	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	56.72	31.76
23 21 13 23-1186	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	72.00	37.56
23 21 13 23-1187	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	93.12	44.69
23 21 13 23-1188	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	112.24	53.28
23 21 13 23-1189	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	146.19	66.09
23 21 13 23-1190	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	243.70	86.93
23 21 13 23-1191	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	324.51	103.20
23 21 13 23-1192	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	512.20	119.85
23 21 13 23-1193		**Straight Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1194	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	36.52	22.07
23 21 13 23-1195	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	41.10	24.63
23 21 13 23-1196	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	47.61	27.53
23 21 13 23-1197	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	54.71	31.21
23 21 13 23-1198	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	63.43	35.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1199	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	82.64	44.69
23 21 13 23-1200	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	138.54	66.09
23 21 13 23-1201	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	184.79	86.93
23 21 13 23-1202	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	250.85	94.93
23 21 13 23-1203		**Reducing Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1204	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	38.38	22.07
23 21 13 23-1205	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	43.15	24.63
23 21 13 23-1206	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	50.89	27.53
23 21 13 23-1207	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	58.67	31.21
23 21 13 23-1208	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	69.29	35.11
23 21 13 23-1209	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	88.89	44.69
23 21 13 23-1210	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	152.31	66.09
23 21 13 23-1211	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	212.55	86.93
23 21 13 23-1212	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	308.58	94.93
23 21 13 23-1213		**Caps, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1214	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	21.69	10.37
23 21 13 23-1215	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	24.65	11.04
23 21 13 23-1216	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	28.90	12.70
23 21 13 23-1217	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	33.49	13.83
23 21 13 23-1218	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	38.20	13.83
23 21 13 23-1219	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	49.54	17.73
23 21 13 23-1220	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	86.99	22.07
23 21 13 23-1221	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	124.95	26.64
23 21 13 23-1222	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	181.32	32.48
23 21 13 23-1223		**Black Cast Iron Square Head Plug** *(23 21 13 23-1152)*		
23 21 13 23-1224	EA	1/2" Square Head Plug, Black Cast Iron	13.98	8.80
23 21 13 23-1225	EA	3/4" Square Head Plug, Black Cast Iron	15.19	8.80
23 21 13 23-1226	EA	1" Square Head Plug, Black Cast Iron	22.22	13.37
23 21 13 23-1227	EA	1-1/4" Square Head Plug, Black Cast Iron	22.46	13.37
23 21 13 23-1228	EA	1-1/2" Square Head Plug, Black Cast Iron	23.46	13.37
23 21 13 23-1229	EA	2" Square Head Plug, Black Cast Iron	31.16	17.73
23 21 13 23-1230	EA	2-1/2" Square Head Plug, Black Cast Iron	39.61	22.07
23 21 13 23-1231	EA	3" Square Head Plug, Black Cast Iron	50.50	26.64
23 21 13 23-1232	EA	4" Square Head Plug, Black Cast Iron	61.17	32.48
23 21 13 23-1233		**Unions, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1234	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	62.51	27.53
23 21 13 23-1235	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 Lb.	69.41	31.76
23 21 13 23-1236	EA	1" Union, Carbon Steel, Socket Weld, 6,000 Lb.	88.13	37.56
23 21 13 23-1237	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 Lb.	110.88	44.69
23 21 13 23-1238	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	133.52	53.28
23 21 13 23-1239	EA	2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	166.84	66.09
23 21 13 23-1240	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	281.21	71.77
23 21 13 23-1241	EA	3" Union, Carbon Steel, Socket Weld, 6,000 Lb.	376.32	86.93
23 21 13 23-1242		**Carbon Steel, Seamless Piping System** *(23 21 13 23-1061)* Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1243		**Schedule 40, Carbon Steel, Seamless Piping** *(23 21 13 23-1242)* Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1244	LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	13.31	4.12
		For Schedule 80, Add	*2.56*	
23 21 13 23-1245	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	13.26	4.46
		For Schedule 80, Add	*2.34*	
		For Schedule 160, Add	*9.77*	
23 21 13 23-1246	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	15.17	4.79
		For Schedule 80, Add	*2.87*	
		For Schedule 160, Add	*11.96*	
23 21 13 23-1247	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	16.01	5.24
		For Schedule 80, Add	*2.96*	
		For Schedule 160, Add	*12.33*	
23 21 13 23-1248	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	23.01	6.47
		For Schedule 80, Add	*4.80*	
		For Schedule 160, Add	*19.98*	
23 21 13 23-1249	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	27.67	7.80
		For Schedule 80, Add	*5.74*	
		For Schedule 160, Add	*23.91*	
23 21 13 23-1250		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1251	EA	1/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	28.61	16.94
23 21 13 23-1252	EA	1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	34.17	19.84
23 21 13 23-1253	EA	3/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	38.21	22.18
23 21 13 23-1254	EA	1" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	43.38	24.74
23 21 13 23-1255	EA	1-1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	63.51	31.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1256	EA	2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	80.54	40.23
23 21 13 23-1257	EA	1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	29.65	16.94
23 21 13 23-1258	EA	1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	34.56	19.84
23 21 13 23-1259	EA	3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	39.49	22.18
23 21 13 23-1260	EA	1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	46.16	24.74
23 21 13 23-1261	EA	1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	70.15	31.65
23 21 13 23-1262	EA	2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	87.87	40.23
23 21 13 23-1263	EA	1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	38.17	19.84
23 21 13 23-1264	EA	3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	44.04	22.18
23 21 13 23-1265	EA	1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	50.94	24.74
23 21 13 23-1266	EA	1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	83.59	31.65
23 21 13 23-1267	EA	2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	123.51	40.23
23 21 13 23-1268		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1269	EA	1/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	30.92	16.94
23 21 13 23-1270	EA	1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	35.01	19.84
23 21 13 23-1271	EA	3/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	39.29	22.18
23 21 13 23-1272	EA	1" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	44.20	24.74
23 21 13 23-1273	EA	1-1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	60.86	31.65
23 21 13 23-1274	EA	2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	84.63	40.23
23 21 13 23-1275	EA	1/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	31.08	16.94
23 21 13 23-1276	EA	1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	35.95	19.84
23 21 13 23-1277	EA	3/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	40.38	22.18
23 21 13 23-1278	EA	1" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	47.04	24.74
23 21 13 23-1279	EA	1-1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	69.13	31.65
23 21 13 23-1280	EA	2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	90.16	40.23
23 21 13 23-1281	EA	1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	40.67	19.84
23 21 13 23-1282	EA	3/4" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	48.55	22.18
23 21 13 23-1283	EA	1" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	52.63	24.74
23 21 13 23-1284	EA	1-1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	93.17	31.65
23 21 13 23-1285	EA	2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	124.14	40.23
23 21 13 23-1286		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1287	EA	1/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	38.01	23.52
23 21 13 23-1288	EA	1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	42.92	24.74
23 21 13 23-1289	EA	3/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	50.74	28.64
23 21 13 23-1290	EA	1" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	61.42	33.77
23 21 13 23-1291	EA	1-1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	94.54	47.92
23 21 13 23-1292	EA	2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	117.22	59.52
23 21 13 23-1293	EA	1/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	38.89	23.52
23 21 13 23-1294	EA	1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	43.49	24.74
23 21 13 23-1295	EA	3/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	52.66	28.64
23 21 13 23-1296	EA	1" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	63.06	33.77
23 21 13 23-1297	EA	1-1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	100.23	47.92
23 21 13 23-1298	EA	2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	126.65	59.52
23 21 13 23-1299	EA	1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	47.83	24.74
23 21 13 23-1300	EA	3/4" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	57.32	28.64
23 21 13 23-1301	EA	1" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	74.58	33.77
23 21 13 23-1302	EA	1-1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	113.32	47.92
23 21 13 23-1303	EA	2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	168.37	59.52
23 21 13 23-1304		**Crosses, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1305	EA	1/4" Cross, 2,000 Lb., Screwed Carbon Steel	54.64	29.76
23 21 13 23-1306	EA	1/2" Cross, 2,000 Lb., Screwed Carbon Steel	63.56	33.44
23 21 13 23-1307	EA	3/4" Cross, 2,000 Lb., Screwed Carbon Steel	68.08	35.66
23 21 13 23-1308	EA	1" Cross, 2,000 Lb., Screwed Carbon Steel	83.59	43.02
23 21 13 23-1309	EA	1-1/2" Cross, 2,000 Lb., Screwed Carbon Steel	136.14	60.18
23 21 13 23-1310	EA	2" Cross, 2,000 Lb., Screwed Carbon Steel	173.59	74.34
23 21 13 23-1311	EA	1/2" Cross, 3,000 Lb., Screwed Carbon Steel	64.65	33.44
23 21 13 23-1312	EA	3/4" Cross, 3,000 Lb., Screwed Carbon Steel	74.32	35.66
23 21 13 23-1313	EA	1" Cross, 3,000 Lb., Screwed Carbon Steel	89.04	43.02
23 21 13 23-1314	EA	1-1/2" Cross, 3,000 Lb., Screwed Carbon Steel	144.00	60.18
23 21 13 23-1315	EA	2" Cross, 3,000 Lb., Screwed Carbon Steel	187.95	74.34
23 21 13 23-1316	EA	1/2" Cross, 6,000 Lb., Screwed Carbon Steel	84.94	33.44
23 21 13 23-1317	EA	3/4" Cross, 6,000 Lb., Screwed Carbon Steel	129.71	35.66
23 21 13 23-1318	EA	1" Cross, 6,000 Lb., Screwed Carbon Steel	174.40	43.02
23 21 13 23-1319	EA	1-1/2" Cross, 6,000 Lb., Screwed Carbon Steel	270.93	60.18
23 21 13 23-1320	EA	2" Cross, 6,000 Lb., Screwed Carbon Steel	302.09	74.34
23 21 13 23-1321		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1322	EA	1/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	27.43	16.94
23 21 13 23-1323	EA	1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	31.52	19.84
23 21 13 23-1324	EA	3/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	35.75	22.18
23 21 13 23-1325	EA	1" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	40.88	24.74
23 21 13 23-1326	EA	1-1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	56.81	31.65
23 21 13 23-1327	EA	2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	72.12	40.23
23 21 13 23-1328	EA	1/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	30.03	16.94
23 21 13 23-1329	EA	1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	33.17	19.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1330	EA	3/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	37.01	22.18
23 21 13 23-1331	EA	1" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	42.56	24.74
23 21 13 23-1332	EA	1-1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	59.39	31.65
23 21 13 23-1333	EA	2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	81.52	40.23
23 21 13 23-1334		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1335	EA	1/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	27.79	18.06
23 21 13 23-1336	EA	1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	32.37	19.84
23 21 13 23-1337	EA	3/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	37.05	22.18
23 21 13 23-1338	EA	1" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	42.69	24.74
23 21 13 23-1339	EA	1-1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	57.28	31.65
23 21 13 23-1340	EA	2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	74.66	40.23
23 21 13 23-1341	EA	1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	65.69	19.84
23 21 13 23-1342	EA	3/4" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	69.24	22.18
23 21 13 23-1343	EA	1" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	80.20	24.74
23 21 13 23-1344	EA	1-1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	112.77	31.65
23 21 13 23-1345	EA	2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	158.64	40.23
23 21 13 23-1346		**Caps, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1347	EA	1/4" Cap, 3,000 Lb., Screwed Carbon Steel	12.93	7.58
23 21 13 23-1348	EA	1/2" Cap, 3,000 Lb., Screwed Carbon Steel	15.03	8.80
23 21 13 23-1349	EA	3/4" Cap, 3,000 Lb., Screwed Carbon Steel	17.29	9.92
23 21 13 23-1350	EA	1" Cap, 3,000 Lb., Screwed Carbon Steel	20.28	11.04
23 21 13 23-1351	EA	1-1/2" Cap, 3,000 Lb., Screwed Carbon Steel	27.03	14.05
23 21 13 23-1352	EA	2" Cap, 3,000 Lb., Screwed Carbon Steel	35.95	17.95
23 21 13 23-1353	EA	1/4" Cap, 6,000 Lb., Screwed Carbon Steel	16.05	7.58
23 21 13 23-1354	EA	1/2" Cap, 6,000 Lb., Screwed Carbon Steel	17.03	8.80
23 21 13 23-1355	EA	3/4" Cap, 6,000 Lb., Screwed Carbon Steel	20.55	9.92
23 21 13 23-1356	EA	1" Cap, 6,000 Lb., Screwed Carbon Steel	22.66	11.04
23 21 13 23-1357	EA	1-1/2" Cap, 6,000 Lb., Screwed Carbon Steel	36.73	14.05
23 21 13 23-1358	EA	2" Cap, 6,000 Lb., Screwed Carbon Steel	45.40	17.95
23 21 13 23-1359		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1360	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	16.74	10.15
23 21 13 23-1361	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	17.10	10.59
23 21 13 23-1362	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	17.03	10.59
23 21 13 23-1363	EA	1" Nipple, 2" Long, Screwed Carbon Steel	18.73	11.48
23 21 13 23-1364	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	20.97	12.37
23 21 13 23-1365	EA	2" Nipple, 2" Long, Screwed Carbon Steel	25.77	15.94
23 21 13 23-1366	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	17.34	10.15
23 21 13 23-1367	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	17.58	10.59
23 21 13 23-1368	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	17.56	10.59
23 21 13 23-1369	EA	1" Nipple, 4" Long, Screwed Carbon Steel	19.45	11.48
23 21 13 23-1370	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	22.25	12.37
23 21 13 23-1371	EA	2" Nipple, 4" Long, Screwed Carbon Steel	27.65	15.94
23 21 13 23-1372	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	18.76	10.15
23 21 13 23-1373	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	18.33	10.59
23 21 13 23-1374	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	18.40	10.59
23 21 13 23-1375	EA	1" Nipple, 6" Long, Screwed Carbon Steel	20.49	11.48
23 21 13 23-1376	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	24.01	12.37
23 21 13 23-1377	EA	2" Nipple, 6" Long, Screwed Carbon Steel	29.21	15.94
23 21 13 23-1378		**Unions, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1379	EA	1/4" Union, 3,000 Lb., Screwed Carbon Steel	35.55	24.63
23 21 13 23-1380	EA	1/2" Union, 3,000 Lb., Screwed Carbon Steel	38.17	24.74
23 21 13 23-1381	EA	3/4" Union, 3,000 Lb., Screwed Carbon Steel	43.92	28.64
23 21 13 23-1382	EA	1" Union, 3,000 Lb., Screwed Carbon Steel	52.19	33.77
23 21 13 23-1383	EA	1-1/2" Union, 3,000 Lb., Screwed Carbon Steel	74.49	47.92
23 21 13 23-1384	EA	2" Union, 3,000 Lb., Screwed Carbon Steel	92.43	59.52
23 21 13 23-1385	EA	1/4" Union, 6,000 Lb., Screwed Carbon Steel	49.37	24.63
23 21 13 23-1386	EA	1/2" Union, 6,000 Lb., Screwed Carbon Steel	54.87	24.74
23 21 13 23-1387	EA	3/4" Union, 6,000 Lb., Screwed Carbon Steel	64.15	28.64
23 21 13 23-1388	EA	1" Union, 6,000 Lb., Screwed Carbon Steel	77.12	33.77
23 21 13 23-1389	EA	1-1/2" Union, 6,000 Lb., Screwed Carbon Steel	125.46	47.92
23 21 13 23-1390	EA	2" Union, 6,000 Lb., Screwed Carbon Steel	155.16	59.52
23 21 13 23-1391		**Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1392	EA	1/2" Flange, 150 Lb., Screwed Carbon Steel	76.42	46.03
23 21 13 23-1393	EA	3/4" Flange, 150 Lb., Screwed Carbon Steel	79.99	48.26
23 21 13 23-1394	EA	1" Flange, 150 Lb., Screwed Carbon Steel	83.13	50.38
23 21 13 23-1395	EA	1-1/2" Flange, 150 Lb., Screwed Carbon Steel	92.92	56.73
23 21 13 23-1396	EA	2" Flange, 150 Lb., Screwed Carbon Steel	96.63	59.18
23 21 13 23-1397	EA	1/2" Flange, 300 Lb., Screwed Carbon Steel	76.89	46.03
		For Ring Type Joint, Add	*7.81*	
		For Blind Flange, Deduct	*-29.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1398	EA	3/4" Flange, 300 Lb., Screwed Carbon Steel	80.49	48.26
		For Ring Type Joint, Add	*8.08*	
		For Blind Flange, Deduct	*-30.58*	
23 21 13 23-1399	EA	1" Flange, 300 Lb., Screwed Carbon Steel	83.88	50.38
		For Ring Type Joint, Add	*8.33*	
		For Blind Flange, Deduct	*-31.89*	
23 21 13 23-1400	EA	1-1/2" Flange, 300 Lb., Screwed Carbon Steel	94.72	56.73
		For Ring Type Joint, Add	*9.64*	
		For Blind Flange, Deduct	*-35.96*	
23 21 13 23-1401	EA	2" Flange, 300 Lb., Screwed Carbon Steel	98.43	59.18
		For Ring Type Joint, Add	*9.64*	
		For Blind Flange, Deduct	*-37.44*	
23 21 13 23-1402	EA	1/2" Flange, 600 Lb., Screwed Carbon Steel	79.97	46.03
		For Ring Type Joint, Add	*10.89*	
		For Blind Flange, Deduct	*-29.81*	
23 21 13 23-1403	EA	3/4" Flange, 600 Lb., Screwed Carbon Steel	83.30	48.26
		For Ring Type Joint, Add	*10.89*	
		For Blind Flange, Deduct	*-31.14*	
23 21 13 23-1404	EA	1" Flange, 600 Lb., Screwed Carbon Steel	86.93	50.38
		For Ring Type Joint, Add	*11.38*	
		For Blind Flange, Deduct	*-32.50*	
23 21 13 23-1405	EA	1-1/2" Flange, 600 Lb., Screwed Carbon Steel	98.50	56.73
		For Ring Type Joint, Add	*13.42*	
		For Blind Flange, Deduct	*-36.72*	
23 21 13 23-1406	EA	2" Flange, 600 Lb., Screwed Carbon Steel	101.28	59.18
		For Ring Type Joint, Add	*12.49*	
		For Blind Flange, Deduct	*-38.01*	

23 21 13 23-1407 Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1408	EA	1/4" Square Head Plug, Screwed Carbon Steel	5.35	3.12
23 21 13 23-1409	EA	1/2" Square Head Plug, Screwed Carbon Steel	6.40	3.68
23 21 13 23-1410	EA	3/4" Square Head Plug, Screwed Carbon Steel	7.39	4.23
23 21 13 23-1411	EA	1" Square Head Plug, Screwed Carbon Steel	10.78	6.25
23 21 13 23-1412	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	12.59	6.25
23 21 13 23-1413	EA	2" Square Head Plug, Screwed Carbon Steel	17.61	8.14

23 21 13 23-1414 Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1415	EA	1/4" Hex Head Plug, Screwed Carbon Steel	5.17	3.12
23 21 13 23-1416	EA	1/2" Hex Head Plug, Screwed Carbon Steel	6.23	3.68
23 21 13 23-1417	EA	3/4" Hex Head Plug, Screwed Carbon Steel	7.28	4.23
23 21 13 23-1418	EA	1" Hex Head Plug, Screwed Carbon Steel	10.68	6.25
23 21 13 23-1419	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	12.19	6.25
23 21 13 23-1420	EA	2" Hex Head Plug, Screwed Carbon Steel	17.90	8.14

23 21 13 23-1421 Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1422	EA	1/4" Round Head Plug, Screwed Carbon Steel	5.76	3.12
23 21 13 23-1423	EA	1/2" Round Head Plug, Screwed Carbon Steel	6.43	3.68
23 21 13 23-1424	EA	3/4" Round Head Plug, Screwed Carbon Steel	7.31	4.23
23 21 13 23-1425	EA	1" Round Head Plug, Screwed Carbon Steel	10.85	6.25
23 21 13 23-1426	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	13.10	6.25
23 21 13 23-1427	EA	2" Round Head Plug, Screwed Carbon Steel	17.79	8.14

23 21 13 23-1428 Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1429	EA	1/4" Hex Bushing, Screwed Carbon Steel	5.31	3.12
23 21 13 23-1430	EA	1/2" Hex Bushing, Screwed Carbon Steel	6.23	3.68
23 21 13 23-1431	EA	3/4" Hex Bushing, Screwed Carbon Steel	7.23	4.23
23 21 13 23-1432	EA	1" Hex Bushing, Screwed Carbon Steel	10.81	6.25
23 21 13 23-1433	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	12.16	6.25
23 21 13 23-1434	EA	2" Hex Bushing, Screwed Carbon Steel	17.48	8.14

23 21 13 23-1435 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1436	EA	1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	31.92	16.94
23 21 13 23-1437	EA	1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	36.77	19.84
23 21 13 23-1438	EA	3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	42.33	22.18
23 21 13 23-1439	EA	1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	48.74	24.74
23 21 13 23-1440	EA	1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	72.24	31.65
23 21 13 23-1441	EA	2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	95.67	40.23
23 21 13 23-1442	EA	1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	46.21	19.84
23 21 13 23-1443	EA	3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	61.53	22.18
23 21 13 23-1444	EA	1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	80.87	24.74
23 21 13 23-1445	EA	1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	160.61	31.65

23 21 13 23-1446 Screwed Carbon Steel Laterals *(23 21 13 23-1242)*

23 21 13 23-1447	EA	1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	102.19	24.74
23 21 13 23-1448	EA	3/4" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	122.05	28.64
23 21 13 23-1449	EA	1" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	148.50	33.77
23 21 13 23-1450	EA	1-1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	194.07	47.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1451	EA	2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	241.88	59.52
23 21 13 23-1452	EA	1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	124.25	24.74
23 21 13 23-1453	EA	3/4" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	154.85	28.64
23 21 13 23-1454	EA	1" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	183.58	33.77
23 21 13 23-1455	EA	1-1/2" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	258.56	47.92

23 21 13 23-1456 Grooved-Joint Pipe *(23 21 13 23)*

Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

23 21 13 23-1457 Schedule 10 Black Grooved Pipe *(23 21 13 23-1456)*

23 21 13 23-1458	LF	2" Black Schedule 10 Grooved Pipe	30.02	14.16
		For Work In Restricted Working Space, Add	*6.35*	
23 21 13 23-1459	LF	2-1/2" Black Schedule 10 Grooved Pipe	40.59	19.39
		For Work In Restricted Working Space, Add	*8.73*	
23 21 13 23-1460	LF	3" Black Schedule 10 Grooved Pipe	45.52	21.51
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-1461	LF	3-1/2" Black Schedule 10 Grooved Pipe	50.46	22.29
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-1462	LF	4" Black Schedule 10 Grooved Pipe	53.66	24.18
		For Work In Restricted Working Space, Add	*10.87*	
23 21 13 23-1463	LF	5" Black Schedule 10 Grooved Pipe	75.00	29.65
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-1464	LF	6" Black Schedule 10 Grooved Pipe	97.35	42.13
		For Work In Restricted Working Space, Add	*18.93*	
23 21 13 23-1465	LF	8" Black Schedule 10 Grooved Pipe	131.28	47.26
		For Work In Restricted Working Space, Add	*21.24*	
23 21 13 23-1466	LF	10" Black Schedule 10 Grooved Pipe	164.21	56.96
		For Work In Restricted Working Space, Add	*25.61*	
23 21 13 23-1467	LF	12" Black Schedule 10 Grooved Pipe	189.23	64.53
		For Work In Restricted Working Space, Add	*29.03*	

23 21 13 23-1468 Schedule 40 Black Grooved Pipe *(23 21 13 23-1456)*

23 21 13 23-1469	LF	3/4" Black Schedule 40 Grooved Pipe	18.02	8.58
		For Work In Restricted Working Space, Add	*3.85*	
23 21 13 23-1470	LF	1" Black Schedule 40 Grooved Pipe	20.35	9.69
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-1471	LF	1-1/4" Black Schedule 40 Grooved Pipe	23.05	10.48
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-1472	LF	1-1/2" Black Schedule 40 Grooved Pipe	26.24	11.93
		For Work In Restricted Working Space, Add	*5.36*	
23 21 13 23-1473	LF	2" Black Schedule 40 Grooved Pipe	33.11	15.16
		For Work In Restricted Working Space, Add	*6.83*	
23 21 13 23-1474	LF	2-1/2" Black Schedule 40 Grooved Pipe	46.04	20.73
		For Work In Restricted Working Space, Add	*9.34*	
23 21 13 23-1475	LF	3" Black Schedule 40 Grooved Pipe	54.19	23.63
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-1476	LF	4" Black Schedule 40 Grooved Pipe	66.02	26.31
		For Work In Restricted Working Space, Add	*11.83*	
23 21 13 23-1477	LF	5" Black Schedule 40 Grooved Pipe	90.18	31.99
		For Work In Restricted Working Space, Add	*14.39*	
23 21 13 23-1478	LF	6" Black Schedule 40 Grooved Pipe	121.84	46.14
		For Work In Restricted Working Space, Add	*20.73*	
23 21 13 23-1479	LF	8" Black Schedule 40 Grooved Pipe	160.24	52.27
		For Work In Restricted Working Space, Add	*23.53*	
23 21 13 23-1480	LF	10" Black Schedule 40 Grooved Pipe	219.25	62.42
		For Work In Restricted Working Space, Add	*28.09*	
23 21 13 23-1481	LF	12" Black Schedule 40 Grooved Pipe	257.96	71.66
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-1482	LF	14" Black Schedule 40 Grooved Pipe	340.86	96.86
		For Work In Restricted Working Space, Add	*43.54*	
23 21 13 23-1483	LF	16" Black Schedule 40 Grooved Pipe	395.69	113.91
		For Work In Restricted Working Space, Add	*51.22*	
23 21 13 23-1484	LF	18" Black Schedule 40 Grooved Pipe	490.71	138.31
		For Work In Restricted Working Space, Add	*62.20*	
23 21 13 23-1485	LF	20" Black Schedule 40 Grooved Pipe	566.16	161.27
		For Work In Restricted Working Space, Add	*72.56*	
23 21 13 23-1486	LF	24" Black Schedule 40 Grooved Pipe	737.25	193.59
		For Work In Restricted Working Space, Add	*87.08*	

23 21 13 23-1487 Schedule 80 Black Grooved Pipe *(23 21 13 23-1456)*

23 21 13 23-1488	LF	3/4" Black Schedule 80 Grooved Pipe	19.75	9.36
		For Work In Restricted Working Space, Add	*4.20*	
23 21 13 23-1489	LF	1" Black Schedule 80 Grooved Pipe	21.86	9.92
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-1490	LF	1-1/4" Black Schedule 80 Grooved Pipe	25.54	11.04
		For Work In Restricted Working Space, Add	*4.97*	
23 21 13 23-1491	LF	1-1/2" Black Schedule 80 Grooved Pipe	29.06	12.37
		For Work In Restricted Working Space, Add	*5.58*	
23 21 13 23-1492	LF	2" Black Schedule 80 Grooved Pipe	37.57	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-1493	LF	2-1/2" Black Schedule 80 Grooved Pipe	52.83	21.96
		For Work In Restricted Working Space, Add	*9.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1494	LF	3" Black Schedule 80 Grooved Pipe	62.75	24.63
		For Work In Restricted Working Space, Add	*11.09*	
23 21 13 23-1495	LF	4" Black Schedule 80 Grooved Pipe	78.13	26.86
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-1496	LF	5" Black Schedule 80 Grooved Pipe	118.10	33.77
		For Work In Restricted Working Space, Add	*15.21*	
23 21 13 23-1497	LF	6" Black Schedule 80 Grooved Pipe	154.50	48.37
		For Work In Restricted Working Space, Add	*21.77*	
23 21 13 23-1498	LF	8" Black Schedule 80 Grooved Pipe	228.31	55.28
		For Work In Restricted Working Space, Add	*24.88*	
23 21 13 23-1499	LF	10" Black Schedule 80 Grooved Pipe	283.78	66.76
		For Work In Restricted Working Space, Add	*30.02*	
23 21 13 23-1500	LF	12" Black Schedule 80 Grooved Pipe	300.68	80.70
		For Work In Restricted Working Space, Add	*36.28*	
23 21 13 23-1501		Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1456)*		
23 21 13 23-1502	LF	3/4" Galvanized Schedule 40 Grooved Pipe	19.15	8.58
		For Work In Restricted Working Space, Add	*3.85*	
23 21 13 23-1503	LF	1" Galvanized Schedule 40 Grooved Pipe	22.21	9.69
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-1504	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	24.75	10.48
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-1505	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	28.19	11.93
		For Work In Restricted Working Space, Add	*5.36*	
23 21 13 23-1506	LF	2" Galvanized Schedule 40 Grooved Pipe	35.65	15.16
		For Work In Restricted Working Space, Add	*6.83*	
23 21 13 23-1507	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	49.93	20.73
		For Work In Restricted Working Space, Add	*9.34*	
23 21 13 23-1508	LF	3" Galvanized Schedule 40 Grooved Pipe	59.28	23.63
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-1509	LF	4" Galvanized Schedule 40 Grooved Pipe	73.22	26.31
		For Work In Restricted Working Space, Add	*11.83*	
23 21 13 23-1510	LF	5" Galvanized Schedule 40 Grooved Pipe	102.97	31.99
		For Work In Restricted Working Space, Add	*14.39*	
23 21 13 23-1511	LF	6" Galvanized Schedule 40 Grooved Pipe	138.82	46.14
		For Work In Restricted Working Space, Add	*20.73*	
23 21 13 23-1512	LF	8" Galvanized Schedule 40 Grooved Pipe	184.52	52.27
		For Work In Restricted Working Space, Add	*23.53*	
23 21 13 23-1513	LF	10" Galvanized Schedule 40 Grooved Pipe	260.31	62.42
		For Work In Restricted Working Space, Add	*28.09*	
23 21 13 23-1514	LF	12" Galvanized Schedule 40 Grooved Pipe	307.53	71.66
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-1515		Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1456)*		
23 21 13 23-1516	LF	3/4" Galvanized Schedule 80 Grooved Pipe	20.58	9.36
		For Work In Restricted Working Space, Add	*4.20*	
23 21 13 23-1517	LF	1" Galvanized Schedule 80 Grooved Pipe	26.86	9.92
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-1518	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	27.13	11.04
		For Work In Restricted Working Space, Add	*4.97*	
23 21 13 23-1519	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	35.51	13.15
		For Work In Restricted Working Space, Add	*5.94*	
23 21 13 23-1520	LF	2" Galvanized Schedule 80 Grooved Pipe	40.14	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-1521	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	56.85	21.96
		For Work In Restricted Working Space, Add	*9.86*	
23 21 13 23-1522	LF	3" Galvanized Schedule 80 Grooved Pipe	68.40	24.63
		For Work In Restricted Working Space, Add	*11.09*	
23 21 13 23-1523	LF	4" Galvanized Schedule 80 Grooved Pipe	86.16	26.86
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-1524	LF	5" Galvanized Schedule 80 Grooved Pipe	129.85	33.77
		For Work In Restricted Working Space, Add	*15.21*	
23 21 13 23-1525	LF	6" Galvanized Schedule 80 Grooved Pipe	168.25	48.37
		For Work In Restricted Working Space, Add	*21.77*	
23 21 13 23-1526	LF	8" Galvanized Schedule 80 Grooved Pipe	251.86	55.28
		For Work In Restricted Working Space, Add	*24.88*	
23 21 13 23-1527	LF	10" Galvanized Schedule 80 Grooved Pipe	299.72	66.76
		For Work In Restricted Working Space, Add	*30.02*	
23 21 13 23-1528	LF	12" Galvanized Schedule 80 Grooved Pipe	328.85	80.70
		For Work In Restricted Working Space, Add	*36.28*	
23 21 13 23-1529		Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1530		Grooved Elbows *(23 21 13 23-1529)*		
23 21 13 23-1531		90 Degree Grooved Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 10		
23 21 13 23-1532	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	82.78	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*21.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1533	EA	1", Ductile Iron, Grooved 90 Degree Elbow	82.78	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1534	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	87.34	15.16
		For Work In Restricted Working Space, Add	*6.83*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1535	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	92.16	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1536	EA	2", Ductile Iron, Grooved 90 Degree Elbow	100.99	24.30
		For Work In Restricted Working Space, Add	*10.93*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1537	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	108.94	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*21.31*	
23 21 13 23-1538	EA	3", Ductile Iron, Grooved 90 Degree Elbow	168.49	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*37.85*	
23 21 13 23-1539	EA	4", Ductile Iron, Grooved 90 Degree Elbow	195.93	47.37
		For Work In Restricted Working Space, Add	*21.30*	
		For Galvanized Fittings, Add	*41.23*	
23 21 13 23-1540	EA	5", Ductile Iron, Grooved 90 Degree Elbow	392.87	59.18
		For Work In Restricted Working Space, Add	*26.62*	
		For Galvanized Fittings, Add	*100.36*	
23 21 13 23-1541	EA	6", Ductile Iron, Grooved 90 Degree Elbow	469.55	77.46
		For Work In Restricted Working Space, Add	*34.83*	
		For Galvanized Fittings, Add	*116.64*	
23 21 13 23-1542	EA	8", Ductile Iron, Grooved 90 Degree Elbow	882.10	92.17
		For Work In Restricted Working Space, Add	*41.46*	
		For Galvanized Fittings, Add	*245.48*	
23 21 13 23-1543	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,320.22	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*382.46*	
23 21 13 23-1544	EA	12", Ductile Iron, Grooved 90 Degree Elbow	2,051.16	129.07
		For Work In Restricted Working Space, Add	*58.05*	
		For Galvanized Fittings, Add	*613.03*	
23 21 13 23-1545	EA	14", Steel, Grooved 90 Degree Elbow	4,081.72	145.67
		For Work In Restricted Working Space, Add	*65.54*	
		For Galvanized Fittings, Add	*1,274.88*	
23 21 13 23-1546	EA	16", Steel, Grooved 90 Degree Elbow	5,296.98	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*1,668.19*	
23 21 13 23-1547	EA	18", Steel, Grooved 90 Degree Elbow	6,675.52	176.21
		For Work In Restricted Working Space, Add	*79.24*	
		For Galvanized Fittings, Add	*2,115.76*	
23 21 13 23-1548	EA	20", Steel, Grooved 90 Degree Elbow	8,700.01	183.23
		For Work In Restricted Working Space, Add	*82.44*	
		For Galvanized Fittings, Add	*2,780.32*	
23 21 13 23-1549	EA	24", Steel, Grooved 90 Degree Elbow	12,448.85	216.67
		For Work In Restricted Working Space, Add	*97.43*	
		For Galvanized Fittings, Add	*4,000.95*	

23 21 13 23-1550 45 Degree Grooved Elbows *(23 21 13 23-1530)*

Note: Victaulic No. 11

23 21 13 23-1551	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	82.74	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1552	EA	1", Ductile Iron, Grooved 45 Degree Elbow	82.74	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1553	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	87.30	15.16
		For Work In Restricted Working Space, Add	*6.83*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1554	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	92.12	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1555	EA	2", Ductile Iron, Grooved 45 Degree Elbow	100.95	24.30
		For Work In Restricted Working Space, Add	*10.93*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1556	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	108.90	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*15.49*	
23 21 13 23-1557	EA	3", Ductile Iron, Grooved 45 Degree Elbow	168.45	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*27.52*	
23 21 13 23-1558	EA	4", Ductile Iron, Grooved 45 Degree Elbow	195.93	47.37
		For Work In Restricted Working Space, Add	*21.30*	
		For Galvanized Fittings, Add	*29.99*	
23 21 13 23-1559	EA	5", Ductile Iron, Grooved 45 Degree Elbow	392.87	59.18
		For Work In Restricted Working Space, Add	*26.62*	
		For Galvanized Fittings, Add	*72.99*	
23 21 13 23-1560	EA	6", Ductile Iron, Grooved 45 Degree Elbow	469.55	77.46
		For Work In Restricted Working Space, Add	*34.83*	
		For Galvanized Fittings, Add	*84.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1561	EA	8", Ductile Iron, Grooved 45 Degree Elbow	882.10	92.17
		For Work In Restricted Working Space, Add	*41.46*	
		For Galvanized Fittings, Add	*178.53*	
23 21 13 23-1562	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,320.22	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*278.16*	
23 21 13 23-1563	EA	12", Ductile Iron, Grooved 45 Degree Elbow	2,051.16	129.07
		For Work In Restricted Working Space, Add	*58.05*	
		For Galvanized Fittings, Add	*445.84*	
23 21 13 23-1564	EA	14", Steel, Grooved 45 Degree Elbow	4,081.72	145.67
		For Work In Restricted Working Space, Add	*65.54*	
		For Galvanized Fittings, Add	*927.18*	
23 21 13 23-1565	EA	16", Steel, Grooved 45 Degree Elbow	5,296.98	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*1,213.23*	
23 21 13 23-1566	EA	18", Steel, Grooved 45 Degree Elbow	6,675.52	176.21
		For Work In Restricted Working Space, Add	*79.24*	
		For Galvanized Fittings, Add	*1,538.73*	
23 21 13 23-1567	EA	20", Steel, Grooved 45 Degree Elbow	8,700.50	183.57
		For Work In Restricted Working Space, Add	*82.58*	
		For Galvanized Fittings, Add	*2,022.05*	
23 21 13 23-1568	EA	24", Steel, Grooved 45 Degree Elbow	12,448.85	216.67
		For Work In Restricted Working Space, Add	*97.43*	
		For Galvanized Fittings, Add	*2,909.78*	

23 21 13 23-1569 22-1/2 Degree Grooved Elbows *(23 21 13 23-1530)*

Note: Victaulic No. 12

23 21 13 23-1570	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	86.98	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1571	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	91.54	15.16
		For Work In Restricted Working Space, Add	*6.83*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1572	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	96.36	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1573	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	105.19	24.30
		For Work In Restricted Working Space, Add	*10.93*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1574	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	113.14	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*16.50*	
23 21 13 23-1575	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	154.37	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*24.14*	
23 21 13 23-1576	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	205.87	47.37
		For Work In Restricted Working Space, Add	*21.30*	
		For Galvanized Fittings, Add	*32.37*	
23 21 13 23-1577	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	507.02	59.18
		For Work In Restricted Working Space, Add	*26.62*	
		For Galvanized Fittings, Add	*100.39*	
23 21 13 23-1578	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	498.21	77.46
		For Work In Restricted Working Space, Add	*34.83*	
		For Galvanized Fittings, Add	*91.71*	
23 21 13 23-1579	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	937.71	92.17
		For Work In Restricted Working Space, Add	*41.46*	
		For Galvanized Fittings, Add	*191.88*	
23 21 13 23-1580	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,258.85	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*263.43*	
23 21 13 23-1581	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,677.37	129.07
		For Work In Restricted Working Space, Add	*58.05*	
		For Galvanized Fittings, Add	*356.13*	
23 21 13 23-1582	EA	14", Steel, Grooved 22-1/2 Degree Elbow	1,932.36	145.67
		For Work In Restricted Working Space, Add	*65.54*	
		For Galvanized Fittings, Add	*411.34*	
23 21 13 23-1583	EA	16", Steel, Grooved 22-1/2 Degree Elbow	2,297.45	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*493.34*	
23 21 13 23-1584	EA	18", Steel, Grooved 22-1/2 Degree Elbow	2,753.62	176.21
		For Work In Restricted Working Space, Add	*79.24*	
		For Galvanized Fittings, Add	*597.48*	
23 21 13 23-1585	EA	20", Steel, Grooved 22-1/2 Degree Elbow	3,218.03	183.23
		For Work In Restricted Working Space, Add	*82.44*	
		For Galvanized Fittings, Add	*706.38*	
23 21 13 23-1586	EA	24", Steel, Grooved 22-1/2 Degree Elbow	4,279.83	216.67
		For Work In Restricted Working Space, Add	*97.43*	
		For Galvanized Fittings, Add	*949.22*	

23 21 13 23-1587 11-1/4 Degree Grooved Elbows *(23 21 13 23-1530)*

Note: Victaulic No. 13

23 21 13 23-1588	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	86.99	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*16.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1589	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	91.55	15.16
		For Work In Restricted Working Space, Add	*6.83*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1590	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	96.37	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1591	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	105.20	24.30
		For Work In Restricted Working Space, Add	*10.93*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1592	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	113.15	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*16.51*	
23 21 13 23-1593	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	154.36	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*24.14*	
23 21 13 23-1594	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	205.86	47.37
		For Work In Restricted Working Space, Add	*21.30*	
		For Galvanized Fittings, Add	*32.37*	
23 21 13 23-1595	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	506.99	59.18
		For Work In Restricted Working Space, Add	*26.62*	
		For Galvanized Fittings, Add	*100.38*	
23 21 13 23-1596	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	498.19	77.46
		For Work In Restricted Working Space, Add	*34.83*	
		For Galvanized Fittings, Add	*91.70*	
23 21 13 23-1597	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	937.66	92.17
		For Work In Restricted Working Space, Add	*41.46*	
		For Galvanized Fittings, Add	*191.87*	
23 21 13 23-1598	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,258.79	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*263.41*	
23 21 13 23-1599	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,677.29	129.07
		For Work In Restricted Working Space, Add	*58.05*	
		For Galvanized Fittings, Add	*356.11*	
23 21 13 23-1600	EA	14", Steel, Grooved 11-1/4 Degree Elbow	1,932.28	145.67
		For Work In Restricted Working Space, Add	*65.54*	
		For Galvanized Fittings, Add	*411.31*	
23 21 13 23-1601	EA	16", Steel, Grooved 11-1/4 Degree Elbow	2,297.38	161.39
		For Work In Restricted Working Space, Add	*72.57*	
		For Galvanized Fittings, Add	*493.32*	
23 21 13 23-1602	EA	18", Steel, Grooved 11-1/4 Degree Elbow	2,753.46	176.21
		For Work In Restricted Working Space, Add	*79.23*	
		For Galvanized Fittings, Add	*597.44*	
23 21 13 23-1603	EA	20", Steel, Grooved 11-1/4 Degree Elbow	3,217.87	183.23
		For Work In Restricted Working Space, Add	*82.44*	
		For Galvanized Fittings, Add	*706.34*	
23 21 13 23-1604	EA	24", Steel, Grooved 11-1/4 Degree Elbow	4,279.62	216.67
		For Work In Restricted Working Space, Add	*97.43*	
		For Galvanized Fittings, Add	*949.17*	

23 21 13 23-1605 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1530)*

Note: Victaulic No. 100

23 21 13 23-1606	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	184.04	24.30
		For Work In Restricted Working Space, Add	*10.93*	
		For Galvanized Fittings, Add	*35.43*	
23 21 13 23-1607	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	472.71	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*102.80*	
23 21 13 23-1608	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	201.40	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*35.43*	
23 21 13 23-1609	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	292.13	47.37
		For Work In Restricted Working Space, Add	*21.30*	
		For Galvanized Fittings, Add	*53.07*	
23 21 13 23-1610	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,222.20	59.18
		For Work In Restricted Working Space, Add	*26.62*	
		For Galvanized Fittings, Add	*272.03*	
23 21 13 23-1611	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	763.01	77.46
		For Work In Restricted Working Space, Add	*34.83*	
		For Galvanized Fittings, Add	*155.26*	
23 21 13 23-1612	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,689.93	92.17
		For Work In Restricted Working Space, Add	*41.46*	
		For Galvanized Fittings, Add	*372.41*	
23 21 13 23-1613	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,378.61	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*772.17*	
23 21 13 23-1614	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,030.21	129.07
		For Work In Restricted Working Space, Add	*58.05*	
		For Galvanized Fittings, Add	*920.81*	

23 21 13 23-1615 Grooved Tees, Wyes And Crosses *(23 21 13 23-1529)*

23 21 13 23-1616 Grooved Tees *(23 21 13 23-1615)*

Note: Victaulic No. 20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1617	EA	3/4", Ductile Iron, Grooved Tee	122.63	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1618	EA	1", Ductile Iron, Grooved Tee	126.26	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1619	EA	1-1/4", Ductile Iron, Grooved Tee	132.39	22.52
		For Work In Restricted Working Space, Add	*10.12*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1620	EA	1-1/2", Ductile Iron, Grooved Tee	140.06	27.64
		For Work In Restricted Working Space, Add	*12.42*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1621	EA	2", Ductile Iron, Grooved Tee	152.23	35.78
		For Work In Restricted Working Space, Add	*16.07*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1622	EA	2-1/2", Ductile Iron, Grooved Tee	164.40	43.80
		For Work In Restricted Working Space, Add	*19.72*	
		For Galvanized Fittings, Add	*29.60*	
23 21 13 23-1623	EA	3", Ductile Iron, Grooved Tee	218.89	53.84
		For Work In Restricted Working Space, Add	*24.20*	
		For Galvanized Fittings, Add	*41.47*	
23 21 13 23-1624	EA	4", Ductile Iron, Grooved Tee	316.42	69.66
		For Work In Restricted Working Space, Add	*31.32*	
		For Galvanized Fittings, Add	*63.61*	
23 21 13 23-1625	EA	5", Ductile Iron, Grooved Tee	633.95	91.06
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*149.23*	
23 21 13 23-1626	EA	6", Ductile Iron, Grooved Tee	745.62	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*172.47*	
23 21 13 23-1627	EA	8", Ductile Iron, Grooved Tee	1,463.11	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*376.74*	
23 21 13 23-1628	EA	10", Ductile Iron, Grooved Tee	2,484.36	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*672.75*	
23 21 13 23-1629	EA	12", Ductile Iron, Grooved Tee	3,429.74	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*941.85*	
23 21 13 23-1630	EA	14", Steel, Grooved Tee	3,747.39	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*1,027.47*	
23 21 13 23-1631	EA	16", Steel, Grooved Tee	4,687.00	216.33
		For Work In Restricted Working Space, Add	*97.30*	
		For Galvanized Fittings, Add	*1,308.80*	
23 21 13 23-1632	EA	18", Steel, Grooved Tee	5,821.25	238.63
		For Work In Restricted Working Space, Add	*107.32*	
		For Galvanized Fittings, Add	*1,639.06*	
23 21 13 23-1633	EA	20", Steel, Grooved Tee	8,191.71	242.42
		For Work In Restricted Working Space, Add	*109.01*	
		For Galvanized Fittings, Add	*2,348.50*	
23 21 13 23-1634	EA	24", Steel, Grooved Tee	12,474.44	297.81
		For Work In Restricted Working Space, Add	*133.96*	
		For Galvanized Fittings, Add	*3,608.37*	

23 21 13 23-1635 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1615)*

Note: Victaulic No. 33

23 21 13 23-1636	EA	1", Steel, Grooved Wye	443.91	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1637	EA	1-1/4", Steel, Grooved Wye	450.04	22.52
		For Work In Restricted Working Space, Add	*10.12*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1638	EA	1-1/2", Steel, Grooved Wye	457.71	27.64
		For Work In Restricted Working Space, Add	*12.42*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1639	EA	2", Steel, Grooved Wye	469.88	35.78
		For Work In Restricted Working Space, Add	*16.07*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1640	EA	2-1/2", Steel, Grooved Wye	482.05	43.80
		For Work In Restricted Working Space, Add	*19.72*	
		For Galvanized Fittings, Add	*66.61*	
23 21 13 23-1641	EA	3", Steel, Grooved Wye	578.31	53.84
		For Work In Restricted Working Space, Add	*24.20*	
		For Galvanized Fittings, Add	*79.62*	
23 21 13 23-1642	EA	4", Steel, Grooved Wye	756.22	69.66
		For Work In Restricted Working Space, Add	*31.32*	
		For Galvanized Fittings, Add	*104.29*	
23 21 13 23-1643	EA	5", Steel, Grooved Wye	1,070.81	91.06
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*149.49*	
23 21 13 23-1644	EA	6", Steel, Grooved Wye	1,326.71	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*184.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1645	EA	8", Steel, Grooved Wye	1,872.25	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*266.39*	
23 21 13 23-1646	EA	10", Steel, Grooved Wye	3,115.52	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*459.78*	
23 21 13 23-1647	EA	12", Steel, Grooved Wye	3,464.96	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*507.95*	
23 21 13 23-1648	EA	14", Steel, Grooved Wye	3,947.67	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*580.03*	
23 21 13 23-1649	EA	16", Steel, Grooved Wye	5,032.62	216.11
		For Work In Restricted Working Space, Add	*97.20*	
		For Galvanized Fittings, Add	*753.38*	
23 21 13 23-1650	EA	18", Steel, Grooved Wye	5,744.25	238.85
		For Work In Restricted Working Space, Add	*107.44*	
		For Galvanized Fittings, Add	*861.78*	
23 21 13 23-1651	EA	20", Steel, Grooved Wye	8,174.51	241.97
		For Work In Restricted Working Space, Add	*108.84*	
		For Galvanized Fittings, Add	*1,249.87*	
23 21 13 23-1652	EA	24", Steel, Grooved Wye	12,591.53	297.81
		For Work In Restricted Working Space, Add	*133.96*	
		For Galvanized Fittings, Add	*1,943.20*	

23 21 13 23-1653 Grooved Crosses *(23 21 13 23-1615)*

Note: Victaulic No. 35

23 21 13 23-1654	EA	3/4", Steel, Grooved Cross	305.48	23.96
		For Work In Restricted Working Space, Add	*10.79*	
		For Galvanized Fittings, Add	*40.43*	
23 21 13 23-1655	EA	1", Steel, Grooved Cross	310.92	27.64
		For Work In Restricted Working Space, Add	*12.42*	
		For Galvanized Fittings, Add	*40.43*	
23 21 13 23-1656	EA	1-1/4", Steel, Grooved Cross	375.90	33.77
		For Work In Restricted Working Space, Add	*15.18*	
		For Galvanized Fittings, Add	*48.80*	
23 21 13 23-1657	EA	1-1/2", Steel, Grooved Cross	412.61	41.47
		For Work In Restricted Working Space, Add	*18.62*	
		For Galvanized Fittings, Add	*52.58*	
23 21 13 23-1658	EA	2", Steel, Grooved Cross	278.44	53.61
		For Work In Restricted Working Space, Add	*24.10*	
		For Galvanized Fittings, Add	*29.72*	
23 21 13 23-1659	EA	2-1/2", Steel, Grooved Cross	296.70	65.76
		For Work In Restricted Working Space, Add	*29.58*	
		For Galvanized Fittings, Add	*29.72*	
23 21 13 23-1660	EA	3", Steel, Grooved Cross	476.97	80.70
		For Work In Restricted Working Space, Add	*36.30*	
		For Galvanized Fittings, Add	*53.40*	
23 21 13 23-1661	EA	4", Steel, Grooved Cross	749.15	104.44
		For Work In Restricted Working Space, Add	*46.98*	
		For Galvanized Fittings, Add	*88.88*	
23 21 13 23-1662	EA	5", Steel, Grooved Cross	1,415.33	136.53
		For Work In Restricted Working Space, Add	*61.43*	
		For Galvanized Fittings, Add	*181.58*	
23 21 13 23-1663	EA	6", Steel, Grooved Cross	1,813.61	170.86
		For Work In Restricted Working Space, Add	*76.83*	
		For Galvanized Fittings, Add	*233.63*	
23 21 13 23-1664	EA	8", Steel, Grooved Cross	2,362.22	207.42
		For Work In Restricted Working Space, Add	*93.29*	
		For Galvanized Fittings, Add	*307.69*	
23 21 13 23-1665	EA	10", Steel, Grooved Cross	3,861.31	241.97
		For Work In Restricted Working Space, Add	*108.84*	
		For Galvanized Fittings, Add	*524.78*	
23 21 13 23-1666	EA	12", Steel, Grooved Cross	5,483.99	290.45
		For Work In Restricted Working Space, Add	*130.61*	
		For Galvanized Fittings, Add	*757.29*	
23 21 13 23-1667	EA	14", Steel, Grooved Cross	5,714.37	322.66
		For Work In Restricted Working Space, Add	*145.12*	
		For Galvanized Fittings, Add	*784.59*	
23 21 13 23-1668	EA	16", Steel, Grooved Cross	7,329.04	324.56
		For Work In Restricted Working Space, Add	*145.96*	
		For Galvanized Fittings, Add	*1,026.38*	
23 21 13 23-1669	EA	18", Steel, Grooved Cross	8,923.87	357.88
		For Work In Restricted Working Space, Add	*160.97*	
		For Galvanized Fittings, Add	*1,258.10*	
23 21 13 23-1670	EA	20", Steel, Grooved Cross	12,427.38	363.46
		For Work In Restricted Working Space, Add	*163.49*	
		For Galvanized Fittings, Add	*1,782.36*	
23 21 13 23-1671	EA	24", Steel, Grooved Cross	19,013.65	446.71
		For Work In Restricted Working Space, Add	*200.94*	
		For Galvanized Fittings, Add	*2,751.58*	

23 21 13 23-1672 Grooved Reducing Tees *(23 21 13 23-1615)*

Note: Victaulic No. 25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1673	EA	1", Steel, Grooved Reducing Tee	217.97	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*38.08*	
23 21 13 23-1674	EA	1-1/4", Steel, Grooved Reducing Tee	230.08	22.52
		For Work In Restricted Working Space, Add	*10.12*	
		For Galvanized Fittings, Add	*39.27*	
23 21 13 23-1675	EA	1-1/2", Steel, Grooved Reducing Tee	242.64	27.64
		For Work In Restricted Working Space, Add	*12.42*	
		For Galvanized Fittings, Add	*40.25*	
23 21 13 23-1676	EA	2", Steel, Grooved Reducing Tee	289.17	35.78
		For Work In Restricted Working Space, Add	*16.07*	
		For Galvanized Fittings, Add	*47.12*	
23 21 13 23-1677	EA	2-1/2", Steel, Grooved Reducing Tee	325.59	43.80
		For Work In Restricted Working Space, Add	*19.72*	
		For Galvanized Fittings, Add	*51.97*	
23 21 13 23-1678	EA	3", Steel, Grooved Reducing Tee	365.10	53.84
		For Work In Restricted Working Space, Add	*24.20*	
		For Galvanized Fittings, Add	*56.89*	
23 21 13 23-1679	EA	4", Steel, Grooved Reducing Tee	487.99	69.66
		For Work In Restricted Working Space, Add	*31.32*	
		For Galvanized Fittings, Add	*76.72*	
23 21 13 23-1680	EA	5", Steel, Grooved Reducing Tee	643.02	91.06
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*101.30*	
23 21 13 23-1681	EA	6", Steel, Grooved Reducing Tee	883.25	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*142.50*	
23 21 13 23-1682	EA	8", Steel, Grooved Reducing Tee	1,382.98	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*235.13*	
23 21 13 23-1683	EA	10", Steel, Grooved Reducing Tee	1,975.04	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*346.63*	
23 21 13 23-1684	EA	12", Steel, Grooved Reducing Tee	2,846.96	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*511.34*	
23 21 13 23-1685	EA	14", Steel, Grooved Reducing Tee	3,226.38	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*580.78*	
23 21 13 23-1686	EA	16", Steel, Grooved Reducing Tee	4,096.44	216.33
		For Work In Restricted Working Space, Add	*97.31*	
		For Galvanized Fittings, Add	*754.41*	
23 21 13 23-1687	EA	18", Steel, Grooved Reducing Tee	4,975.64	238.63
		For Work In Restricted Working Space, Add	*107.31*	
		For Galvanized Fittings, Add	*923.59*	
23 21 13 23-1688	EA	20", Steel, Grooved Reducing Tee	6,967.79	242.31
		For Work In Restricted Working Space, Add	*108.99*	
		For Galvanized Fittings, Add	*1,320.90*	
23 21 13 23-1689	EA	24", Steel, Grooved Reducing Tee	11,085.02	297.81
		For Work In Restricted Working Space, Add	*133.96*	
		For Galvanized Fittings, Add	*2,127.70*	

23 21 13 23-1690 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1615)*

Note: Victaulic No. 30

23 21 13 23-1691	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	418.21	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1692	EA	1", Steel, Grooved, 45 Degree Lateral Wye	421.84	18.39
		For Work In Restricted Working Space, Add	*8.28*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1693	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	427.97	22.52
		For Work In Restricted Working Space, Add	*10.12*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1694	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	435.64	27.64
		For Work In Restricted Working Space, Add	*12.42*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1695	EA	2", Steel, Grooved, 45 Degree Lateral Wye	447.81	35.78
		For Work In Restricted Working Space, Add	*16.07*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1696	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	459.98	43.80
		For Work In Restricted Working Space, Add	*19.72*	
		For Galvanized Fittings, Add	*70.97*	
23 21 13 23-1697	EA	3", Steel, Grooved, 45 Degree Lateral Wye	421.27	53.84
		For Work In Restricted Working Space, Add	*24.20*	
		For Galvanized Fittings, Add	*61.31*	
23 21 13 23-1698	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	670.06	62.08
		For Work In Restricted Working Space, Add	*27.90*	
		For Galvanized Fittings, Add	*103.87*	
23 21 13 23-1699	EA	4", Steel, Grooved, 45 Degree Lateral Wye	776.11	69.66
		For Work In Restricted Working Space, Add	*31.32*	
		For Galvanized Fittings, Add	*120.91*	
23 21 13 23-1700	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,118.20	91.06
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*176.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1701	EA	6", Steel, Grooved, 45 Degree Lateral Wye	1,752.39	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*284.70*	
23 21 13 23-1702	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,485.50	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*410.07*	
23 21 13 23-1703	EA	10", Steel, Grooved, 45 Degree Lateral Wye	3,457.46	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*578.81*	
23 21 13 23-1704	EA	12", Steel, Grooved, 45 Degree Lateral Wye	4,178.05	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*699.80*	
23 21 13 23-1705	EA	14", Steel, Grooved, 45 Degree Lateral Wye	5,996.99	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*1,021.41*	
23 21 13 23-1706	EA	16", Steel, Grooved, 45 Degree Lateral Wye	7,413.34	216.33
		For Work In Restricted Working Space, Add	*97.31*	
		For Galvanized Fittings, Add	*1,276.01*	
23 21 13 23-1707	EA	18", Steel, Grooved, 45 Degree Lateral Wye	8,282.29	238.63
		For Work In Restricted Working Space, Add	*107.31*	
		For Galvanized Fittings, Add	*1,426.43*	
23 21 13 23-1708	EA	20", Steel, Grooved, 45 Degree Lateral Wye	12,383.59	242.31
		For Work In Restricted Working Space, Add	*108.99*	
		For Galvanized Fittings, Add	*2,163.65*	
23 21 13 23-1709	EA	24", Steel, Grooved, 45 Degree Lateral Wye	19,125.18	297.81
		For Work In Restricted Working Space, Add	*133.96*	
		For Galvanized Fittings, Add	*3,362.16*	

23 21 13 23-1710 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1615)*

Note: Victaulic No. 30R

23 21 13 23-1711	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	421.27	53.84
		For Work In Restricted Working Space, Add	*24.20*	
		For Galvanized Fittings, Add	*44.28*	
23 21 13 23-1712	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	776.11	69.66
		For Work In Restricted Working Space, Add	*31.32*	
		For Galvanized Fittings, Add	*87.32*	
23 21 13 23-1713	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,118.20	91.06
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*127.62*	
23 21 13 23-1714	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,439.06	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*164.88*	
23 21 13 23-1715	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	2,038.28	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*238.02*	
23 21 13 23-1716	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,484.28	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*291.51*	
23 21 13 23-1717	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	3,015.33	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*354.26*	
23 21 13 23-1718	EA	14", Steel, Grooved 45 Degree Lateral Reducing Wye	3,375.27	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*396.86*	
23 21 13 23-1719	EA	16", Steel, Grooved 45 Degree Lateral Reducing Wye	4,270.36	216.33
		For Work In Restricted Working Space, Add	*97.31*	
		For Galvanized Fittings, Add	*512.98*	
23 21 13 23-1720	EA	18", Steel, Grooved 45 Degree Lateral Reducing Wye	6,416.75	238.63
		For Work In Restricted Working Space, Add	*107.31*	
		For Galvanized Fittings, Add	*787.68*	
23 21 13 23-1721	EA	20", Steel, Grooved 45 Degree Lateral Reducing Wye	9,232.17	242.31
		For Work In Restricted Working Space, Add	*108.99*	
		For Galvanized Fittings, Add	*1,152.95*	
23 21 13 23-1722	EA	24", Steel, Grooved 45 Degree Lateral Reducing Wye	14,805.58	297.81
		For Work In Restricted Working Space, Add	*133.96*	
		For Galvanized Fittings, Add	*1,866.68*	

23 21 13 23-1723 Mechanical-T Outlet *(23 21 13 23-1615)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1724	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	145.81	40.12
		For Work In Restricted Working Space, Add	*24.07*	
		For Galvanized Fittings, Add	*16.26*	
23 21 13 23-1725	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	145.81	40.12
		For Work In Restricted Working Space, Add	*24.07*	
		For Galvanized Fittings, Add	*16.26*	
23 21 13 23-1726	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	156.04	40.12
		For Work In Restricted Working Space, Add	*24.07*	
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1727	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	156.04	40.12
		For Work In Restricted Working Space, Add	*24.07*	
23 21 13 23-1728	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	155.85	45.13
		For Work In Restricted Working Space, Add	*27.08*	
23 21 13 23-1729	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	155.85	45.13
		For Work In Restricted Working Space, Add	*27.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1730	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	182.87	45.13
		For Work In Restricted Working Space, Add	*27.08*	
23 21 13 23-1731	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	175.81	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 21 13 23-1732	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	175.81	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 21 13 23-1733	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	197.57	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 21 13 23-1734	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	197.57	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 21 13 23-1735	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	212.47	50.16
		For Work In Restricted Working Space, Add	*30.09*	
23 21 13 23-1736	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	230.00	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1737	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	230.00	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1738	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	246.99	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1739	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	251.76	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1740	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	251.76	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1741	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	256.53	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1742	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	265.67	66.87
		For Work In Restricted Working Space, Add	*40.12*	
23 21 13 23-1743	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	328.84	91.95
		For Work In Restricted Working Space, Add	*55.17*	
23 21 13 23-1744	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	328.84	91.95
		For Work In Restricted Working Space, Add	*55.17*	
23 21 13 23-1745	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	337.09	91.95
		For Work In Restricted Working Space, Add	*55.17*	
23 21 13 23-1746	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	347.42	91.95
		For Work In Restricted Working Space, Add	*55.17*	
23 21 13 23-1747	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	382.38	117.03
		For Work In Restricted Working Space, Add	*70.22*	
23 21 13 23-1748	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	382.38	117.03
		For Work In Restricted Working Space, Add	*70.22*	
23 21 13 23-1749	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	394.50	117.03
		For Work In Restricted Working Space, Add	*70.22*	
23 21 13 23-1750	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	404.73	117.03
		For Work In Restricted Working Space, Add	*70.22*	
23 21 13 23-1751	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	422.91	117.03
		For Work In Restricted Working Space, Add	*70.22*	
23 21 13 23-1752	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	572.30	154.92
		For Work In Restricted Working Space, Add	*92.95*	
23 21 13 23-1753	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	572.30	154.92
		For Work In Restricted Working Space, Add	*92.95*	
23 21 13 23-1754	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	586.90	154.92
		For Work In Restricted Working Space, Add	*92.95*	
23 21 13 23-1755	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	595.55	154.92
		For Work In Restricted Working Space, Add	*92.95*	

23 21 13 23-1756 Installation-Ready™ Grooved Fittings *(23 21 13 23-1529)*

23 21 13 23-1757 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1756)*

Note: Victaulic No. 101

23 21 13 23-1758	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	271.65	11.04
		For Work In Restricted Working Space, Add	*5.02*	
		For Galvanized Fittings, Add	*84.13*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-1759	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	282.49	13.24
		For Work In Restricted Working Space, Add	*6.02*	
		For Galvanized Fittings, Add	*86.60*	
		For Galvanized Fittings, Add	*67.18*	
23 21 13 23-1760	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	291.06	17.66
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized Fittings, Add	*87.22*	
		For Galvanized Fittings, Add	*67.66*	
23 21 13 23-1761	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	352.11	22.07
		For Work In Restricted Working Space, Add	*10.03*	
		For Galvanized Fittings, Add	*105.16*	
		For Galvanized Fittings, Add	*81.58*	

23 21 13 23-1762 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1756)*

Note: Victaulic No. 103

23 21 13 23-1763	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	271.65	11.04
		For Work In Restricted Working Space, Add	*5.02*	
		For Galvanized Fittings, Add	*61.18*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-1764	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	282.49	13.24
		For Work In Restricted Working Space, Add	*6.02*	
		For Galvanized Fittings, Add	*62.98*	
		For Galvanized Fittings, Add	*67.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1765	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	291.06	17.66
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized Fittings, Add	*63.43*	
		For Galvanized Fittings, Add	*67.66*	
23 21 13 23-1766	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	352.11	22.07
		For Work In Restricted Working Space, Add	*10.03*	
		For Galvanized Fittings, Add	*76.48*	
		For Galvanized Fittings, Add	*81.58*	

23 21 13 23-1767 Installation-Ready™ Grooved Tees *(23 21 13 23-1756)*

Note: Victaulic No. 102

23 21 13 23-1768	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	415.94	14.71
		For Work In Restricted Working Space, Add	*6.69*	
		For Galvanized Fittings, Add	*118.10*	
		For Galvanized Fittings, Add	*100.77*	
23 21 13 23-1769	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	433.52	17.66
		For Work In Restricted Working Space, Add	*8.03*	
		For Galvanized Fittings, Add	*122.03*	
		For Galvanized Fittings, Add	*104.13*	
23 21 13 23-1770	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	448.05	23.54
		For Work In Restricted Working Space, Add	*10.70*	
		For Galvanized Fittings, Add	*123.72*	
		For Galvanized Fittings, Add	*105.57*	
23 21 13 23-1771	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	520.71	29.42
		For Work In Restricted Working Space, Add	*13.37*	
		For Galvanized Fittings, Add	*142.84*	
		For Galvanized Fittings, Add	*121.89*	

23 21 13 23-1772 Grooved Fittings *(23 21 13 23-1529)*

23 21 13 23-1773 Flanged Adapter Nipple, Grooved *(23 21 13 23-1772)*

Note: Victaulic No. 41 and 45

23 21 13 23-1774	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	297.52	13.37
		For Work In Restricted Working Space, Add	*6.02*	
		For Galvanized Fittings, Add	*49.94*	
		For 300 Lb. Rating, Add	*41.62*	
23 21 13 23-1775	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	299.75	14.83
		For Work In Restricted Working Space, Add	*6.69*	
		For Galvanized Fittings, Add	*49.94*	
		For 300 Lb. Rating, Add	*41.62*	
23 21 13 23-1776	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	305.32	18.62
		For Work In Restricted Working Space, Add	*8.36*	
		For Galvanized Fittings, Add	*49.94*	
		For 300 Lb. Rating, Add	*41.62*	
23 21 13 23-1777	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	317.05	26.42
		For Work In Restricted Working Space, Add	*11.88*	
		For Galvanized Fittings, Add	*49.94*	
		For 300 Lb. Rating, Add	*41.62*	
23 21 13 23-1778	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	325.42	31.99
		For Work In Restricted Working Space, Add	*14.39*	
		For Galvanized Fittings, Add	*49.94*	
		For 300 Lb. Rating, Add	*41.62*	
23 21 13 23-1779	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	412.28	38.23
		For Work In Restricted Working Space, Add	*17.18*	
		For Galvanized Fittings, Add	*63.91*	
		For 300 Lb. Rating, Add	*53.25*	
23 21 13 23-1780	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	500.56	51.49
		For Work In Restricted Working Space, Add	*23.15*	
		For Galvanized Fittings, Add	*76.21*	
		For 300 Lb. Rating, Add	*63.51*	
23 21 13 23-1781	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	698.43	62.30
		For Work In Restricted Working Space, Add	*28.02*	
		For Galvanized Fittings, Add	*108.90*	
		For 300 Lb. Rating, Add	*90.75*	
23 21 13 23-1782	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	816.49	84.14
		For Work In Restricted Working Space, Add	*37.86*	
		For Galvanized Fittings, Add	*124.25*	
		For 300 Lb. Rating, Add	*103.54*	
23 21 13 23-1783	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,123.56	113.91
		For Work In Restricted Working Space, Add	*51.22*	
		For Galvanized Fittings, Add	*171.51*	
		For 300 Lb. Rating, Add	*142.92*	
23 21 13 23-1784	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,762.20	138.31
		For Work In Restricted Working Space, Add	*62.20*	
		For Galvanized Fittings, Add	*279.88*	
		For 300 Lb. Rating, Add	*233.23*	
23 21 13 23-1785	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,367.88	161.27
		For Work In Restricted Working Space, Add	*72.56*	
		For Galvanized Fittings, Add	*382.68*	
		For 300 Lb. Rating, Add	*318.90*	
23 21 13 23-1786	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,797.39	193.59
		For Work In Restricted Working Space, Add	*87.08*	
		For Galvanized Fittings, Add	*451.29*	
		For 300 Lb. Rating, Add	*376.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1787	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,183.54	215.11
		For Work In Restricted Working Space, Add	*96.75*	
		For Galvanized Fittings, Add	*694.99*	
		For 300 Lb. Rating, Add	*579.16*	
23 21 13 23-1788	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,018.85	322.66
		For Work In Restricted Working Space, Add	*145.12*	
		For Galvanized Fittings, Add	*816.32*	
		For 300 Lb. Rating, Add	*680.27*	
23 21 13 23-1789	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,307.56	387.20
		For Work In Restricted Working Space, Add	*174.15*	
		For Galvanized Fittings, Add	*850.87*	
		For 300 Lb. Rating, Add	*709.06*	
23 21 13 23-1790	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	8,799.75	430.22
		For Work In Restricted Working Space, Add	*193.50*	
		For Galvanized Fittings, Add	*1,467.86*	
		For 300 Lb. Rating, Add	*1,223.21*	

23 21 13 23-1791 Grooved Concentric Reducers *(23 21 13 23-1772)*

Note: Victaulic No. 50

23 21 13 23-1792	EA	1-1/4" x 3/4", Grooved Concentric Reducer	316.00	13.37
		For Work In Restricted Working Space, Add	*6.02*	
		For Galvanized Fittings, Add	*13.02*	
23 21 13 23-1793	EA	1-1/4" x 1", Grooved Concentric Reducer	330.45	14.16
		For Work In Restricted Working Space, Add	*6.35*	
		For Galvanized Fittings, Add	*13.61*	
23 21 13 23-1794	EA	1-1/2" x 3/4", Grooved Concentric Reducer	372.15	15.27
		For Work In Restricted Working Space, Add	*6.86*	
		For Galvanized Fittings, Add	*41.99*	
23 21 13 23-1795	EA	1-1/2" x 1", Grooved Concentric Reducer	98.76	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1796	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	314.58	16.72
		For Work In Restricted Working Space, Add	*7.52*	
		For Galvanized Fittings, Add	*34.80*	
23 21 13 23-1797	EA	2" x 3/4", Grooved Concentric Reducer	102.11	18.17
		For Work In Restricted Working Space, Add	*8.19*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1798	EA	2" x 1", Grooved Concentric Reducer	103.22	18.95
		For Work In Restricted Working Space, Add	*8.53*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1799	EA	2" x 1-1/4", Grooved Concentric Reducer	111.85	19.73
		For Work In Restricted Working Space, Add	*8.86*	
		For Galvanized Fittings, Add	*9.89*	
23 21 13 23-1800	EA	2" x 1-1/2", Grooved Concentric Reducer	107.75	21.96
		For Work In Restricted Working Space, Add	*9.89*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1801	EA	2-1/2" x 3/4", Grooved Concentric Reducer	639.51	20.51
		For Work In Restricted Working Space, Add	*9.22*	
		For Galvanized Fittings, Add	*73.17*	
23 21 13 23-1802	EA	2-1/2" x 1", Grooved Concentric Reducer	509.39	21.28
		For Work In Restricted Working Space, Add	*9.55*	
		For Galvanized Fittings, Add	*57.40*	
23 21 13 23-1803	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	465.25	21.96
		For Work In Restricted Working Space, Add	*9.89*	
		For Galvanized Fittings, Add	*51.96*	
23 21 13 23-1804	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	111.02	24.18
		For Work In Restricted Working Space, Add	*10.87*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1805	EA	2-1/2" x 2", Grooved Concentric Reducer	115.48	27.08
		For Work In Restricted Working Space, Add	*12.20*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1806	EA	3" x 3/4", Grooved Concentric Reducer	648.44	23.85
		For Work In Restricted Working Space, Add	*10.72*	
		For Galvanized Fittings, Add	*93.13*	
23 21 13 23-1807	EA	3" x 1", Grooved Concentric Reducer	119.34	24.52
		For Work In Restricted Working Space, Add	*11.02*	
		For Galvanized Fittings, Add	*12.56*	
23 21 13 23-1808	EA	3" x 1-1/4", Grooved Concentric Reducer	512.45	25.30
		For Work In Restricted Working Space, Add	*11.36*	
		For Galvanized Fittings, Add	*72.14*	
23 21 13 23-1809	EA	3" x 1-1/2", Grooved Concentric Reducer	481.67	27.08
		For Work In Restricted Working Space, Add	*12.20*	
		For Galvanized Fittings, Add	*67.03*	
23 21 13 23-1810	EA	3" x 2", Grooved Concentric Reducer	110.74	30.10
		For Work In Restricted Working Space, Add	*13.54*	
		For Galvanized Fittings, Add	*9.97*	
23 21 13 23-1811	EA	3" x 2-1/2", Grooved Concentric Reducer	144.19	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*13.74*	
23 21 13 23-1812	EA	3-1/2" x 3", Grooved Concentric Reducer	154.29	38.68
		For Work In Restricted Working Space, Add	*17.39*	
		For Galvanized Fittings, Add	*14.64*	
23 21 13 23-1813	EA	4" x 1", Grooved Concentric Reducer	145.00	30.43
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*17.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1814	EA	4" x 1-1/4", Grooved Concentric Reducer	831.86	31.21
		For Work In Restricted Working Space, Add	*14.04*	
		For Galvanized Fittings, Add	*134.64*	
23 21 13 23-1815	EA	4" x 1-1/2", Grooved Concentric Reducer	649.78	33.10
		For Work In Restricted Working Space, Add	*14.88*	
		For Galvanized Fittings, Add	*102.93*	
23 21 13 23-1816	EA	4" x 2", Grooved Concentric Reducer	141.41	36.11
		For Work In Restricted Working Space, Add	*16.22*	
		For Galvanized Fittings, Add	*14.98*	
23 21 13 23-1817	EA	4" x 2-1/2", Grooved Concentric Reducer	167.45	38.68
		For Work In Restricted Working Space, Add	*17.39*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1818	EA	4" x 3", Grooved Concentric Reducer	171.90	41.69
		For Work In Restricted Working Space, Add	*18.73*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1819	EA	4" x 3-1/2", Grooved Concentric Reducer	176.36	44.58
		For Work In Restricted Working Space, Add	*20.06*	
		For Galvanized Fittings, Add	*18.78*	
23 21 13 23-1820	EA	5" x 2", Grooved Concentric Reducer	1,167.78	42.02
		For Work In Restricted Working Space, Add	*18.89*	
		For Galvanized Fittings, Add	*189.47*	
23 21 13 23-1821	EA	5" x 2-1/2", Grooved Concentric Reducer	924.06	44.58
		For Work In Restricted Working Space, Add	*20.06*	
		For Galvanized Fittings, Add	*147.01*	
23 21 13 23-1822	EA	5" x 3", Grooved Concentric Reducer	199.50	47.59
		For Work In Restricted Working Space, Add	*21.40*	
		For Galvanized Fittings, Add	*21.98*	
23 21 13 23-1823	EA	5" x 4", Grooved Concentric Reducer	233.31	53.50
		For Work In Restricted Working Space, Add	*24.08*	
		For Galvanized Fittings, Add	*26.25*	
23 21 13 23-1824	EA	6" x 1", Grooved Concentric Reducer	271.54	45.37
		For Work In Restricted Working Space, Add	*20.40*	
		For Galvanized Fittings, Add	*37.98*	
23 21 13 23-1825	EA	6" x 1-1/2", Grooved Concentric Reducer	1,233.51	47.92
		For Work In Restricted Working Space, Add	*21.57*	
		For Galvanized Fittings, Add	*216.76*	
23 21 13 23-1826	EA	6" x 2", Grooved Concentric Reducer	279.89	50.94
		For Work In Restricted Working Space, Add	*22.90*	
		For Galvanized Fittings, Add	*37.98*	
23 21 13 23-1827	EA	6" x 2-1/2", Grooved Concentric Reducer	1,248.49	53.50
		For Work In Restricted Working Space, Add	*24.08*	
		For Galvanized Fittings, Add	*217.99*	
23 21 13 23-1828	EA	6" x 3", Grooved Concentric Reducer	288.27	56.50
		For Work In Restricted Working Space, Add	*25.42*	
		For Galvanized Fittings, Add	*37.98*	
23 21 13 23-1829	EA	6" x 4", Grooved Concentric Reducer	270.89	62.42
		For Work In Restricted Working Space, Add	*28.09*	
		For Galvanized Fittings, Add	*33.08*	
23 21 13 23-1830	EA	6" x 5", Grooved Concentric Reducer	364.80	68.43
		For Work In Restricted Working Space, Add	*30.77*	
		For Galvanized Fittings, Add	*48.93*	
23 21 13 23-1831	EA	8" x 3", Grooved Concentric Reducer	459.57	63.97
		For Work In Restricted Working Space, Add	*28.76*	
		For Galvanized Fittings, Add	*67.87*	
23 21 13 23-1832	EA	8" x 4", Grooved Concentric Reducer	468.47	69.88
		For Work In Restricted Working Space, Add	*31.43*	
		For Galvanized Fittings, Add	*67.87*	
23 21 13 23-1833	EA	8" x 5", Grooved Concentric Reducer	477.40	75.79
		For Work In Restricted Working Space, Add	*34.10*	
		For Galvanized Fittings, Add	*67.87*	
23 21 13 23-1834	EA	8" x 6", Grooved Concentric Reducer	590.87	84.71
		For Work In Restricted Working Space, Add	*38.12*	
		For Galvanized Fittings, Add	*86.55*	
23 21 13 23-1835	EA	10" x 4", Grooved Concentric Reducer	982.46	77.69
		For Work In Restricted Working Space, Add	*34.94*	
		For Galvanized Fittings, Add	*161.59*	
23 21 13 23-1836	EA	10" x 5", Grooved Concentric Reducer	2,034.32	83.59
		For Work In Restricted Working Space, Add	*37.62*	
		For Galvanized Fittings, Add	*356.20*	
23 21 13 23-1837	EA	10" x 6", Grooved Concentric Reducer	1,085.77	92.51
		For Work In Restricted Working Space, Add	*41.63*	
		For Galvanized Fittings, Add	*176.71*	
23 21 13 23-1838	EA	10" x 8", Grooved Concentric Reducer	1,096.88	99.97
		For Work In Restricted Working Space, Add	*44.96*	
		For Galvanized Fittings, Add	*176.71*	
23 21 13 23-1839	EA	12" x 4", Grooved Concentric Reducer	2,999.31	88.50
		For Work In Restricted Working Space, Add	*39.79*	
		For Galvanized Fittings, Add	*430.00*	
23 21 13 23-1840	EA	12" x 6", Grooved Concentric Reducer	1,284.39	103.32
		For Work In Restricted Working Space, Add	*46.47*	
		For Galvanized Fittings, Add	*169.43*	
23 21 13 23-1841	EA	12" x 8", Grooved Concentric Reducer	1,862.73	110.78
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*254.50*	
23 21 13 23-1842	EA	12" x 10", Grooved Concentric Reducer	1,874.50	118.59
		For Work In Restricted Working Space, Add	*53.35*	
		For Galvanized Fittings, Add	*254.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1843	EA	14" x 6", Grooved Concentric Reducer	5,923.74	111.34
		For Work In Restricted Working Space, Add	*50.08*	
		For Galvanized Fittings, Add	*176.73*	
23 21 13 23-1844	EA	14" x 8", Grooved Concentric Reducer	3,557.17	118.81
		For Work In Restricted Working Space, Add	*53.45*	
		For Galvanized Fittings, Add	*103.74*	
23 21 13 23-1845	EA	14" x 10", Grooved Concentric Reducer	3,042.86	126.61
		For Work In Restricted Working Space, Add	*56.94*	
		For Galvanized Fittings, Add	*87.59*	
23 21 13 23-1846	EA	14" x 12", Grooved Concentric Reducer	3,059.00	137.31
		For Work In Restricted Working Space, Add	*61.78*	
		For Galvanized Fittings, Add	*87.59*	
23 21 13 23-1847	EA	16" x 8", Grooved Concentric Reducer	5,396.30	126.72
		For Work In Restricted Working Space, Add	*57.02*	
		For Galvanized Fittings, Add	*159.83*	
23 21 13 23-1848	EA	16" x 10", Grooved Concentric Reducer	5,015.22	134.52
		For Work In Restricted Working Space, Add	*60.53*	
		For Galvanized Fittings, Add	*147.77*	
23 21 13 23-1849	EA	16" x 12", Grooved Concentric Reducer	4,646.35	145.34
		For Work In Restricted Working Space, Add	*65.36*	
		For Galvanized Fittings, Add	*135.95*	
23 21 13 23-1850	EA	16" x 14", Grooved Concentric Reducer	4,658.38	153.36
		For Work In Restricted Working Space, Add	*68.97*	
		For Galvanized Fittings, Add	*135.95*	
23 21 13 23-1851	EA	18" x 10", Grooved Concentric Reducer	7,009.85	141.99
		For Work In Restricted Working Space, Add	*63.86*	
		For Galvanized Fittings, Add	*208.67*	
23 21 13 23-1852	EA	18" x 12", Grooved Concentric Reducer	6,357.47	152.69
		For Work In Restricted Working Space, Add	*68.69*	
		For Galvanized Fittings, Add	*188.15*	
23 21 13 23-1853	EA	18" x 14", Grooved Concentric Reducer	5,789.14	160.72
		For Work In Restricted Working Space, Add	*72.31*	
		For Galvanized Fittings, Add	*170.33*	
23 21 13 23-1854	EA	18" x 16", Grooved Concentric Reducer	5,801.19	168.85
		For Work In Restricted Working Space, Add	*75.92*	
		For Galvanized Fittings, Add	*170.33*	
23 21 13 23-1855	EA	20" x 10", Grooved Concentric Reducer	7,710.87	145.67
		For Work In Restricted Working Space, Add	*65.51*	
		For Galvanized Fittings, Add	*230.02*	
23 21 13 23-1856	EA	20" x 12", Grooved Concentric Reducer	6,622.44	156.48
		For Work In Restricted Working Space, Add	*70.36*	
		For Galvanized Fittings, Add	*196.11*	
23 21 13 23-1857	EA	20" x 14", Grooved Concentric Reducer	6,634.48	164.51
		For Work In Restricted Working Space, Add	*73.97*	
		For Galvanized Fittings, Add	*196.11*	
23 21 13 23-1858	EA	20" x 16", Grooved Concentric Reducer	5,925.66	172.42
		For Work In Restricted Working Space, Add	*77.54*	
		For Galvanized Fittings, Add	*173.98*	
23 21 13 23-1859	EA	20" x 18", Grooved Concentric Reducer	6,313.08	179.89
		For Work In Restricted Working Space, Add	*80.92*	
		For Galvanized Fittings, Add	*185.53*	
23 21 13 23-1860	EA	24" x 10", Grooved Concentric Reducer	16,938.93	162.05
		For Work In Restricted Working Space, Add	*72.88*	
		For Galvanized Fittings, Add	*512.57*	
23 21 13 23-1861	EA	24" x 12", Grooved Concentric Reducer	16,551.96	172.87
		For Work In Restricted Working Space, Add	*77.76*	
		For Galvanized Fittings, Add	*500.19*	
23 21 13 23-1862	EA	24" x 14", Grooved Concentric Reducer	14,436.43	180.78
		For Work In Restricted Working Space, Add	*81.32*	
		For Galvanized Fittings, Add	*434.88*	
23 21 13 23-1863	EA	24" x 16", Grooved Concentric Reducer	14,448.54	188.91
		For Work In Restricted Working Space, Add	*84.95*	
		For Galvanized Fittings, Add	*434.88*	
23 21 13 23-1864	EA	24" x 18", Grooved Concentric Reducer	12,385.18	196.27
		For Work In Restricted Working Space, Add	*88.27*	
		For Galvanized Fittings, Add	*371.19*	
23 21 13 23-1865	EA	24" x 20", Grooved Concentric Reducer	11,319.87	200.06
		For Work In Restricted Working Space, Add	*89.98*	
		For Galvanized Fittings, Add	*338.31*	

23 21 13 23-1866 Grooved Eccentric Reducers *(23 21 13 23-1772)*

Note: Victaulic No. 51

23 21 13 23-1867	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	384.20	15.27
		For Work In Restricted Working Space, Add	*6.86*	
		For Galvanized Fittings, Add	*43.43*	
23 21 13 23-1868	EA	1-1/2" x 1", Grooved Eccentric Reducer	350.13	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized Fittings, Add	*39.21*	
23 21 13 23-1869	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	344.13	16.72
		For Work In Restricted Working Space, Add	*7.52*	
		For Galvanized Fittings, Add	*38.35*	
23 21 13 23-1870	EA	2" x 3/4", Grooved Eccentric Reducer	729.46	18.17
		For Work In Restricted Working Space, Add	*8.19*	
		For Galvanized Fittings, Add	*84.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1871	EA	2" x 1", Grooved Eccentric Reducer	388.58	18.95
		For Work In Restricted Working Space, Add	*8.53*	
		For Galvanized Fittings, Add	*43.29*	
23 21 13 23-1872	EA	2" x 1-1/4", Grooved Eccentric Reducer	424.39	19.73
		For Work In Restricted Working Space, Add	*8.86*	
		For Galvanized Fittings, Add	*47.46*	
23 21 13 23-1873	EA	2" x 1-1/2", Grooved Eccentric Reducer	363.47	21.96
		For Work In Restricted Working Space, Add	*9.89*	
		For Galvanized Fittings, Add	*39.73*	
23 21 13 23-1874	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	947.31	20.51
		For Work In Restricted Working Space, Add	*9.22*	
		For Galvanized Fittings, Add	*110.17*	
23 21 13 23-1875	EA	2-1/2" x 1", Grooved Eccentric Reducer	885.76	21.28
		For Work In Restricted Working Space, Add	*9.55*	
		For Galvanized Fittings, Add	*102.64*	
23 21 13 23-1876	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	528.88	21.96
		For Work In Restricted Working Space, Add	*9.89*	
		For Galvanized Fittings, Add	*59.61*	
23 21 13 23-1877	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	429.19	24.18
		For Work In Restricted Working Space, Add	*10.87*	
		For Galvanized Fittings, Add	*47.23*	
23 21 13 23-1878	EA	2-1/2" x 2", Grooved Eccentric Reducer	198.97	27.08
		For Work In Restricted Working Space, Add	*12.20*	
		For Galvanized Fittings, Add	*19.03*	
23 21 13 23-1879	EA	3" x 1", Grooved Eccentric Reducer	952.70	24.52
		For Work In Restricted Working Space, Add	*11.02*	
		For Galvanized Fittings, Add	*110.10*	
23 21 13 23-1880	EA	3" x 1-1/4", Grooved Eccentric Reducer	867.08	25.30
		For Work In Restricted Working Space, Add	*11.36*	
		For Galvanized Fittings, Add	*99.67*	
23 21 13 23-1881	EA	3" x 1-1/2", Grooved Eccentric Reducer	495.21	27.08
		For Work In Restricted Working Space, Add	*12.20*	
		For Galvanized Fittings, Add	*54.63*	
23 21 13 23-1882	EA	3" x 2", Grooved Eccentric Reducer	227.04	30.10
		For Work In Restricted Working Space, Add	*13.54*	
		For Galvanized Fittings, Add	*21.87*	
23 21 13 23-1883	EA	3" x 2-1/2", Grooved Eccentric Reducer	235.69	35.89
		For Work In Restricted Working Space, Add	*16.13*	
		For Galvanized Fittings, Add	*21.87*	
23 21 13 23-1884	EA	3-1/2" x 3", Grooved Eccentric Reducer	1,064.34	38.68
		For Work In Restricted Working Space, Add	*17.39*	
		For Galvanized Fittings, Add	*120.97*	
23 21 13 23-1885	EA	4" x 1", Grooved Eccentric Reducer	1,902.35	30.43
		For Work In Restricted Working Space, Add	*13.71*	
		For Galvanized Fittings, Add	*318.42*	
23 21 13 23-1886	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,172.48	33.10
		For Work In Restricted Working Space, Add	*14.88*	
		For Galvanized Fittings, Add	*192.57*	
23 21 13 23-1887	EA	4" x 2", Grooved Eccentric Reducer	276.48	36.11
		For Work In Restricted Working Space, Add	*16.22*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1888	EA	4" x 2-1/2", Grooved Eccentric Reducer	280.39	38.68
		For Work In Restricted Working Space, Add	*17.39*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1889	EA	4" x 3", Grooved Eccentric Reducer	284.84	41.69
		For Work In Restricted Working Space, Add	*18.73*	
		For Galvanized Fittings, Add	*38.15*	
23 21 13 23-1890	EA	5" x 2", Grooved Eccentric Reducer	1,301.17	42.02
		For Work In Restricted Working Space, Add	*18.89*	
		For Galvanized Fittings, Add	*212.35*	
23 21 13 23-1891	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,121.78	44.58
		For Work In Restricted Working Space, Add	*20.06*	
		For Galvanized Fittings, Add	*180.92*	
23 21 13 23-1892	EA	5" x 3", Grooved Eccentric Reducer	1,090.27	47.59
		For Work In Restricted Working Space, Add	*21.40*	
		For Galvanized Fittings, Add	*174.75*	
23 21 13 23-1893	EA	5" x 4", Grooved Eccentric Reducer	383.20	53.50
		For Work In Restricted Working Space, Add	*24.08*	
		For Galvanized Fittings, Add	*51.96*	
23 21 13 23-1894	EA	6" x 1", Grooved Eccentric Reducer	1,992.82	45.37
		For Work In Restricted Working Space, Add	*20.40*	
		For Galvanized Fittings, Add	*359.17*	
23 21 13 23-1895	EA	6" x 2", Grooved Eccentric Reducer	1,831.71	50.94
		For Work In Restricted Working Space, Add	*22.90*	
		For Galvanized Fittings, Add	*327.55*	
23 21 13 23-1896	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,170.49	53.50
		For Work In Restricted Working Space, Add	*24.08*	
		For Galvanized Fittings, Add	*390.04*	
23 21 13 23-1897	EA	6" x 3", Grooved Eccentric Reducer	488.06	56.50
		For Work In Restricted Working Space, Add	*25.42*	
		For Galvanized Fittings, Add	*75.26*	
23 21 13 23-1898	EA	6" x 4", Grooved Eccentric Reducer	446.67	62.42
		For Work In Restricted Working Space, Add	*28.09*	
		For Galvanized Fittings, Add	*65.88*	
23 21 13 23-1899	EA	6" x 5", Grooved Eccentric Reducer	526.06	68.43
		For Work In Restricted Working Space, Add	*30.77*	
		For Galvanized Fittings, Add	*79.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1900	EA	8" x 3", Grooved Eccentric Reducer	2,135.40	63.97
		For Work In Restricted Working Space, Add	*28.76*	
		For Galvanized Fittings, Add	*380.58*	
23 21 13 23-1901	EA	8" x 4", Grooved Eccentric Reducer	1,887.19	69.88
		For Work In Restricted Working Space, Add	*31.43*	
		For Galvanized Fittings, Add	*332.60*	
23 21 13 23-1902	EA	8" x 5", Grooved Eccentric Reducer	1,773.20	75.79
		For Work In Restricted Working Space, Add	*34.10*	
		For Galvanized Fittings, Add	*309.67*	
23 21 13 23-1903	EA	8" x 6", Grooved Eccentric Reducer	842.93	84.71
		For Work In Restricted Working Space, Add	*38.12*	
		For Galvanized Fittings, Add	*133.58*	
23 21 13 23-1904	EA	10" x 4", Grooved Eccentric Reducer	3,387.31	77.69
		For Work In Restricted Working Space, Add	*34.94*	
		For Galvanized Fittings, Add	*610.34*	
23 21 13 23-1905	EA	10" x 5", Grooved Eccentric Reducer	3,207.00	83.59
		For Work In Restricted Working Space, Add	*37.62*	
		For Galvanized Fittings, Add	*575.03*	
23 21 13 23-1906	EA	10" x 6", Grooved Eccentric Reducer	2,462.60	92.51
		For Work In Restricted Working Space, Add	*41.63*	
		For Galvanized Fittings, Add	*433.63*	
23 21 13 23-1907	EA	10" x 8", Grooved Eccentric Reducer	2,116.70	99.97
		For Work In Restricted Working Space, Add	*44.96*	
		For Galvanized Fittings, Add	*367.01*	
23 21 13 23-1908	EA	12" x 4", Grooved Eccentric Reducer	3,458.48	88.50
		For Work In Restricted Working Space, Add	*39.79*	
		For Galvanized Fittings, Add	*501.87*	
23 21 13 23-1909	EA	12" x 6", Grooved Eccentric Reducer	3,259.32	103.32
		For Work In Restricted Working Space, Add	*46.47*	
		For Galvanized Fittings, Add	*468.46*	
23 21 13 23-1910	EA	12" x 8", Grooved Eccentric Reducer	3,191.04	110.78
		For Work In Restricted Working Space, Add	*49.82*	
		For Galvanized Fittings, Add	*456.47*	
23 21 13 23-1911	EA	12" x 10", Grooved Eccentric Reducer	2,887.30	118.59
		For Work In Restricted Working Space, Add	*53.35*	
		For Galvanized Fittings, Add	*408.86*	
23 21 13 23-1912	EA	14" x 6", Grooved Eccentric Reducer	7,999.95	111.34
		For Work In Restricted Working Space, Add	*50.08*	
		For Galvanized Fittings, Add	*240.47*	
23 21 13 23-1913	EA	14" x 8", Grooved Eccentric Reducer	5,185.97	118.81
		For Work In Restricted Working Space, Add	*53.45*	
		For Galvanized Fittings, Add	*153.74*	
23 21 13 23-1914	EA	14" x 10", Grooved Eccentric Reducer	4,956.91	126.61
		For Work In Restricted Working Space, Add	*56.94*	
		For Galvanized Fittings, Add	*146.35*	
23 21 13 23-1915	EA	14" x 12", Grooved Eccentric Reducer	4,973.05	137.31
		For Work In Restricted Working Space, Add	*61.78*	
		For Galvanized Fittings, Add	*146.35*	
23 21 13 23-1916	EA	16" x 8", Grooved Eccentric Reducer	8,840.63	126.72
		For Work In Restricted Working Space, Add	*57.02*	
		For Galvanized Fittings, Add	*265.57*	
23 21 13 23-1917	EA	16" x 10", Grooved Eccentric Reducer	8,195.53	134.52
		For Work In Restricted Working Space, Add	*60.53*	
		For Galvanized Fittings, Add	*245.41*	
23 21 13 23-1918	EA	16" x 12", Grooved Eccentric Reducer	7,729.14	145.34
		For Work In Restricted Working Space, Add	*65.36*	
		For Galvanized Fittings, Add	*230.60*	
23 21 13 23-1919	EA	16" x 14", Grooved Eccentric Reducer	7,741.17	153.36
		For Work In Restricted Working Space, Add	*68.97*	
		For Galvanized Fittings, Add	*230.60*	
23 21 13 23-1920	EA	18" x 10", Grooved Eccentric Reducer	11,085.19	141.99
		For Work In Restricted Working Space, Add	*63.86*	
		For Galvanized Fittings, Add	*333.78*	
23 21 13 23-1921	EA	18" x 12", Grooved Eccentric Reducer	10,438.05	152.69
		For Work In Restricted Working Space, Add	*68.69*	
		For Galvanized Fittings, Add	*313.42*	
23 21 13 23-1922	EA	18" x 14", Grooved Eccentric Reducer	9,516.47	160.72
		For Work In Restricted Working Space, Add	*72.31*	
		For Galvanized Fittings, Add	*284.76*	
23 21 13 23-1923	EA	18" x 16", Grooved Eccentric Reducer	9,528.52	168.85
		For Work In Restricted Working Space, Add	*75.92*	
		For Galvanized Fittings, Add	*284.76*	
23 21 13 23-1924	EA	20" x 10", Grooved Eccentric Reducer	14,545.49	145.67
		For Work In Restricted Working Space, Add	*65.51*	
		For Galvanized Fittings, Add	*439.84*	
23 21 13 23-1925	EA	20" x 12", Grooved Eccentric Reducer	10,832.17	156.48
		For Work In Restricted Working Space, Add	*70.36*	
		For Galvanized Fittings, Add	*325.35*	
23 21 13 23-1926	EA	20" x 14", Grooved Eccentric Reducer	10,181.68	164.51
		For Work In Restricted Working Space, Add	*73.97*	
		For Galvanized Fittings, Add	*305.01*	
23 21 13 23-1927	EA	20" x 16", Grooved Eccentric Reducer	10,032.82	172.42
		For Work In Restricted Working Space, Add	*77.54*	
		For Galvanized Fittings, Add	*300.07*	
23 21 13 23-1928	EA	20" x 18", Grooved Eccentric Reducer	9,669.57	179.89
		For Work In Restricted Working Space, Add	*80.92*	
		For Galvanized Fittings, Add	*288.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1929	EA	24" x 12", Grooved Eccentric Reducer	20,999.52	172.87
		For Work In Restricted Working Space, Add	*77.76*	
		For Galvanized Fittings, Add	*636.73*	
23 21 13 23-1930	EA	24" x 14", Grooved Eccentric Reducer	17,947.76	180.78
		For Work In Restricted Working Space, Add	*81.32*	
		For Galvanized Fittings, Add	*542.68*	
23 21 13 23-1931	EA	24" x 16", Grooved Eccentric Reducer	17,959.87	188.91
		For Work In Restricted Working Space, Add	*84.95*	
		For Galvanized Fittings, Add	*542.68*	
23 21 13 23-1932	EA	24" x 18", Grooved Eccentric Reducer	16,967.52	196.27
		For Work In Restricted Working Space, Add	*88.27*	
		For Galvanized Fittings, Add	*511.87*	
23 21 13 23-1933	EA	24" x 20", Grooved Eccentric Reducer	15,515.17	200.06
		For Work In Restricted Working Space, Add	*89.98*	
		For Galvanized Fittings, Add	*467.11*	

23 21 13 23-1934 Grooved, Close Nipple *(23 21 13 23-1772)*

Note: Victaulic No. 143

23 21 13 23-1935	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	64.15	14.71
		For Work In Restricted Working Space, Add	*6.69*	
		For Galvanized Fittings, Add	*7.53*	
		For 300 Lb. Rating, Add	*6.28*	
		For Galvanized Fittings, Add	*10.72*	
23 21 13 23-1936	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	73.47	18.39
		For Work In Restricted Working Space, Add	*8.36*	
		For Galvanized Fittings, Add	*8.21*	
		For 300 Lb. Rating, Add	*6.84*	
		For Galvanized Fittings, Add	*11.68*	
23 21 13 23-1937	EA	2" Ductile Iron, Grooved, Close Nipple	91.77	24.28
		For Work In Restricted Working Space, Add	*11.03*	
		For Galvanized Fittings, Add	*9.90*	
		For 300 Lb. Rating, Add	*8.25*	
		For Galvanized Fittings, Add	*14.08*	
23 21 13 23-1938	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	109.56	29.42
		For Work In Restricted Working Space, Add	*13.37*	
		For Galvanized Fittings, Add	*11.70*	
		For 300 Lb. Rating, Add	*9.75*	
		For Galvanized Fittings, Add	*16.63*	

23 21 13 23-1939 Grooved Caps *(23 21 13 23-1772)*

Note: Victaulic No. 60

23 21 13 23-1940	EA	1" Carbon Steel Grooved Cap	126.91	4.57
		For Work In Restricted Working Space, Add	*2.74*	
23 21 13 23-1941	EA	1-1/4" Carbon Steel Grooved Cap	129.14	5.68
		For Work In Restricted Working Space, Add	*3.41*	
23 21 13 23-1942	EA	1-1/2" Carbon Steel Grooved Cap	131.60	6.91
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-1943	EA	2" Carbon Steel Grooved Cap	135.94	9.14
		For Work In Restricted Working Space, Add	*5.45*	
23 21 13 23-1944	EA	2-1/2" Carbon Steel Grooved Cap	139.95	11.15
		For Work In Restricted Working Space, Add	*6.65*	
23 21 13 23-1945	EA	3" Carbon Steel Grooved Cap	144.63	13.48
		For Work In Restricted Working Space, Add	*8.06*	
23 21 13 23-1946	EA	4" Carbon Steel Grooved Cap	161.02	17.84
		For Work In Restricted Working Space, Add	*10.67*	
23 21 13 23-1947	EA	5" Carbon Steel Grooved Cap	332.70	22.18
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-1948	EA	6" Carbon Steel Grooved Cap	346.01	29.09
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-1949	EA	8" Carbon Steel Grooved Cap	616.63	34.55
		For Work In Restricted Working Space, Add	*20.73*	
23 21 13 23-1950	EA	10" Carbon Steel Grooved Cap	1,035.47	40.34
		For Work In Restricted Working Space, Add	*24.18*	
23 21 13 23-1951	EA	12" Carbon Steel Grooved Cap	1,766.29	48.37
		For Work In Restricted Working Space, Add	*29.03*	

23 21 13 23-1952 Grooved Couplings *(23 21 13 23-1529)*

23 21 13 23-1953 Flexible Grooved Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 77

23 21 13 23-1954	EA	3/4" Grooved Standard Coupling	23.30	6.02
		For Work In Restricted Working Space, Add	*2.73*	
		For Galvanized Fittings, Add	*3.97*	
23 21 13 23-1955	EA	1" Grooved Standard Coupling	23.30	6.02
		For Work In Restricted Working Space, Add	*2.73*	
		For Galvanized Fittings, Add	*3.97*	
23 21 13 23-1956	EA	1-1/4" Grooved Standard Coupling	30.25	7.58
		For Work In Restricted Working Space, Add	*3.41*	
		For Galvanized Fittings, Add	*5.28*	
23 21 13 23-1957	EA	1-1/2" Grooved Standard Coupling	34.22	9.02
		For Work In Restricted Working Space, Add	*4.08*	
		For Galvanized Fittings, Add	*5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1958	EA	2" Grooved Standard Coupling	40.01	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*6.10*	
23 21 13 23-1959	EA	2-1/2" Grooved Standard Coupling	48.27	14.83
		For Work In Restricted Working Space, Add	*6.65*	
		For Galvanized Fittings, Add	*7.31*	
23 21 13 23-1960	EA	3" Grooved Standard Coupling	52.58	17.73
		For Work In Restricted Working Space, Add	*7.95*	
		For Galvanized Fittings, Add	*7.31*	
23 21 13 23-1961	EA	3-1/2" Grooved Standard Coupling	73.18	20.73
		For Work In Restricted Working Space, Add	*9.34*	
		For Galvanized Fittings, Add	*11.77*	
23 21 13 23-1962	EA	4" Grooved Standard Coupling	77.53	23.63
		For Work In Restricted Working Space, Add	*10.65*	
		For Galvanized Fittings, Add	*11.77*	
23 21 13 23-1963	EA	5" Grooved Standard Coupling	108.83	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*18.05*	
23 21 13 23-1964	EA	6" Grooved Standard Coupling	134.24	38.68
		For Work In Restricted Working Space, Add	*17.42*	
		For Galvanized Fittings, Add	*21.33*	
23 21 13 23-1965	EA	8" Grooved Standard Coupling	193.31	46.14
		For Work In Restricted Working Space, Add	*20.73*	
		For Galvanized Fittings, Add	*34.78*	
23 21 13 23-1966	EA	10" Grooved Standard Coupling	289.34	55.28
		For Work In Restricted Working Space, Add	*24.88*	
		For Galvanized Fittings, Add	*57.79*	
23 21 13 23-1967	EA	12" Grooved Standard Coupling	325.72	60.52
		For Work In Restricted Working Space, Add	*27.21*	
		For Galvanized Fittings, Add	*65.81*	
23 21 13 23-1968	EA	14" Grooved Standard Coupling	406.44	80.70
		For Work In Restricted Working Space, Add	*36.28*	
		For Galvanized Fittings, Add	*79.94*	
23 21 13 23-1969	EA	16" Grooved Standard Coupling	519.61	96.86
		For Work In Restricted Working Space, Add	*43.54*	
		For Galvanized Fittings, Add	*104.86*	
23 21 13 23-1970	EA	18" Grooved Standard Coupling	599.82	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*122.80*	
23 21 13 23-1971	EA	20" Grooved Standard Coupling	871.38	121.04
		For Work In Restricted Working Space, Add	*54.42*	
		For Galvanized Fittings, Add	*193.19*	
23 21 13 23-1972	EA	24" Grooved Standard Coupling	979.92	148.90
		For Work In Restricted Working Space, Add	*66.98*	
		For Galvanized Fittings, Add	*211.86*	

23 21 13 23-1973 Zero-Flex® Rigid Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 07

23 21 13 23-1974	EA	1" Grooved Rigid Coupling	28.85	6.02
		For Work In Restricted Working Space, Add	*2.73*	
		For Galvanized Fittings, Add	*4.84*	
23 21 13 23-1975	EA	1-1/4" Grooved Rigid Coupling	31.12	7.58
		For Work In Restricted Working Space, Add	*3.41*	
		For Galvanized Fittings, Add	*4.84*	
23 21 13 23-1976	EA	1-1/2" Grooved Rigid Coupling	33.33	9.02
		For Work In Restricted Working Space, Add	*4.08*	
		For Galvanized Fittings, Add	*4.84*	
23 21 13 23-1977	EA	2" Grooved Rigid Coupling	38.45	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*4.96*	
23 21 13 23-1978	EA	2-1/2" Grooved Rigid Coupling	45.51	14.83
		For Work In Restricted Working Space, Add	*6.65*	
		For Galvanized Fittings, Add	*5.72*	
23 21 13 23-1979	EA	3" Grooved Rigid Coupling	49.82	17.73
		For Work In Restricted Working Space, Add	*7.95*	
		For Galvanized Fittings, Add	*5.72*	
23 21 13 23-1980	EA	3-1/2" Grooved Rigid Coupling	58.41	20.73
		For Work In Restricted Working Space, Add	*9.34*	
		For Galvanized Fittings, Add	*6.68*	
23 21 13 23-1981	EA	4" Grooved Rigid Coupling	74.13	23.63
		For Work In Restricted Working Space, Add	*10.65*	
		For Galvanized Fittings, Add	*9.47*	
23 21 13 23-1982	EA	5" Grooved Rigid Coupling	94.55	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*12.29*	
23 21 13 23-1983	EA	6" Grooved Rigid Coupling	125.13	38.68
		For Work In Restricted Working Space, Add	*17.42*	
		For Galvanized Fittings, Add	*16.43*	
23 21 13 23-1984	EA	8" Grooved Rigid Coupling	174.78	46.14
		For Work In Restricted Working Space, Add	*20.73*	
		For Galvanized Fittings, Add	*25.89*	
23 21 13 23-1985	EA	10" Grooved Rigid Coupling	272.28	55.28
		For Work In Restricted Working Space, Add	*24.88*	
		For Galvanized Fittings, Add	*46.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1986	EA	12" Grooved Rigid Coupling	302.59	60.52
		For Work In Restricted Working Space, Add	*27.21*	
		For Galvanized Fittings, Add	*51.91*	
23 21 13 23-1987	EA	14" Grooved Rigid Coupling	397.77	80.70
		For Work In Restricted Working Space, Add	*36.28*	
		For Galvanized Fittings, Add	*67.82*	
23 21 13 23-1988	EA	16" Grooved Rigid Coupling	506.17	96.86
		For Work In Restricted Working Space, Add	*43.54*	
		For Galvanized Fittings, Add	*88.46*	
23 21 13 23-1989	EA	18" Grooved Rigid Coupling	578.62	107.55
		For Work In Restricted Working Space, Add	*48.37*	
		For Galvanized Fittings, Add	*102.26*	
23 21 13 23-1990	EA	20" Grooved Rigid Coupling	678.33	121.04
		For Work In Restricted Working Space, Add	*54.42*	
		For Galvanized Fittings, Add	*121.75*	
23 21 13 23-1991	EA	24" Grooved Rigid Coupling	955.21	148.90
		For Work In Restricted Working Space, Add	*66.98*	
		For Galvanized Fittings, Add	*179.33*	

23 21 13 23-1992 Large Diameter Grooved Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 770

23 21 13 23-1993	EA	28" Grooved Coupling	922.67	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*122.96*	
23 21 13 23-1994	EA	30" Grooved Coupling	1,069.25	38.68
		For Work In Restricted Working Space, Add	*17.42*	
		For Galvanized Fittings, Add	*141.57*	
23 21 13 23-1995	EA	32" Grooved Coupling	1,583.44	46.14
		For Work In Restricted Working Space, Add	*20.73*	
		For Galvanized Fittings, Add	*212.01*	
23 21 13 23-1996	EA	36" Grooved Coupling	2,100.39	55.28
		For Work In Restricted Working Space, Add	*24.88*	
		For Galvanized Fittings, Add	*282.44*	
23 21 13 23-1997	EA	42" Grooved Coupling	4,170.82	60.52
		For Work In Restricted Working Space, Add	*27.21*	
		For Galvanized Fittings, Add	*571.22*	

23 21 13 23-1998 Flexible Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 75

23 21 13 23-1999	EA	1-1/2" Grooved Flexible Coupling	31.53	9.02
		For Work In Restricted Working Space, Add	*4.08*	
		For Galvanized Fittings, Add	*4.59*	
23 21 13 23-2000	EA	2" Grooved Flexible Coupling	36.61	12.15
		For Work In Restricted Working Space, Add	*5.46*	
		For Galvanized Fittings, Add	*4.71*	
23 21 13 23-2001	EA	2-1/2" Grooved Flexible Coupling	43.51	14.83
		For Work In Restricted Working Space, Add	*6.65*	
		For Galvanized Fittings, Add	*5.46*	
23 21 13 23-2002	EA	3" Grooved Flexible Coupling	51.29	17.73
		For Work In Restricted Working Space, Add	*7.95*	
		For Galvanized Fittings, Add	*6.35*	
23 21 13 23-2003	EA	3-1/2" Grooved Flexible Coupling	66.27	20.73
		For Work In Restricted Working Space, Add	*9.34*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-2004	EA	4" Grooved Flexible Coupling	70.62	23.63
		For Work In Restricted Working Space, Add	*10.65*	
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-2005	EA	5" Grooved Flexible Coupling	95.05	29.65
		For Work In Restricted Working Space, Add	*13.31*	
		For Galvanized Fittings, Add	*12.97*	
23 21 13 23-2006	EA	6" Grooved Flexible Coupling	119.10	38.68
		For Work In Restricted Working Space, Add	*17.42*	
		For Galvanized Fittings, Add	*15.63*	
23 21 13 23-2007	EA	8" Grooved Flexible Coupling	165.08	46.14
		For Work In Restricted Working Space, Add	*20.73*	
		For Galvanized Fittings, Add	*24.57*	

23 21 13 23-2008 Installation-Ready™ Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 009N

23 21 13 23-2009	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	82.28	5.63
		For Work In Restricted Working Space, Add	*2.56*	
		For Galvanized Fittings, Add	*18.88*	
23 21 13 23-2010	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	85.47	6.73
		For Work In Restricted Working Space, Add	*3.06*	
		For Galvanized Fittings, Add	*19.27*	
23 21 13 23-2011	EA	2" Ductile Iron, Installation-Ready™ Coupling	98.84	9.05
		For Work In Restricted Working Space, Add	*4.11*	
		For Galvanized Fittings, Add	*21.80*	
23 21 13 23-2012	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	114.68	10.97
		For Work In Restricted Working Space, Add	*4.98*	
		For Galvanized Fittings, Add	*25.11*	
23 21 13 23-2013	EA	3" Ductile Iron, Installation-Ready™ Coupling	130.94	13.17
		For Work In Restricted Working Space, Add	*5.99*	
		For Galvanized Fittings, Add	*28.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2014	EA	4" Ductile Iron, Installation-Ready™ Coupling	182.50	17.58
		For Work In Restricted Working Space, Add	*7.99*	
		For Galvanized Fittings, Add	*39.90*	
23 21 13 23-2015	EA	5" Ductile Iron, Installation-Ready™ Coupling	288.25	21.99
		For Work In Restricted Working Space, Add	*10.00*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-2016	EA	6" Ductile Iron, Installation-Ready™ Coupling	348.19	28.76
		For Work In Restricted Working Space, Add	*13.07*	
		For Galvanized Fittings, Add	*77.98*	
23 21 13 23-2017	EA	8" Ductile Iron, Installation-Ready™ Coupling	560.75	34.21
		For Work In Restricted Working Space, Add	*15.55*	
		For Galvanized Fittings, Add	*130.29*	

23 21 13 23-2018 Grooved Strainers And Suction Diffusers *(23 21 13 23-1529)*

23 21 13 23-2019 Grooved Wye Strainers *(23 21 13 23-2018)*

Note: Victaulic Style 732

23 21 13 23-2020	EA	2" Grooved Wye Strainer	2,659.42	24.52
		For Work In Restricted Working Space, Add	*10.93*	
23 21 13 23-2021	EA	2-1/2" Grooved Wye Strainer	2,799.58	29.76
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2022	EA	3" Grooved Wye Strainer	3,148.35	35.66
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2023	EA	4" Grooved Wye Strainer	3,573.84	47.59
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-2024	EA	5" Grooved Wye Strainer	5,162.88	59.52
		For Work In Restricted Working Space, Add	*26.62*	
23 21 13 23-2025	EA	6" Grooved Wye Strainer	5,624.71	77.35
		For Work In Restricted Working Space, Add	*34.83*	
23 21 13 23-2026	EA	8" Grooved Wye Strainer	8,583.16	92.17
		For Work In Restricted Working Space, Add	*41.46*	
23 21 13 23-2027	EA	10" Grooved Wye Strainer	13,736.89	107.77
		For Work In Restricted Working Space, Add	*48.37*	
23 21 13 23-2028	EA	12" Grooved Wye Strainer	23,909.05	129.40
		For Work In Restricted Working Space, Add	*58.05*	

23 21 13 23-2029 Grooved Tee Type Strainers *(23 21 13 23-2018)*

Note: Victaulic Style 730

23 21 13 23-2030	EA	1-1/2" Grooved Tee Type Strainer	2,051.72	18.62
		For Work In Restricted Working Space, Add	*8.28*	
23 21 13 23-2031	EA	2" Grooved Tee Type Strainer	2,627.05	24.52
		For Work In Restricted Working Space, Add	*10.93*	
23 21 13 23-2032	EA	2-1/2" Grooved Tee Type Strainer	2,765.94	29.76
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2033	EA	3" Grooved Tee Type Strainer	3,110.34	35.66
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2034	EA	4" Grooved Tee Type Strainer	3,530.74	47.59
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-2035	EA	5" Grooved Tee Type Strainer	5,100.13	59.52
		For Work In Restricted Working Space, Add	*26.62*	
23 21 13 23-2036	EA	6" Grooved Tee Type Strainer	5,557.05	77.35
		For Work In Restricted Working Space, Add	*34.83*	
23 21 13 23-2037	EA	8" Grooved Tee Type Strainer	8,478.41	92.17
		For Work In Restricted Working Space, Add	*41.46*	
23 21 13 23-2038	EA	10" Grooved Tee Type Strainer	12,411.11	107.77
		For Work In Restricted Working Space, Add	*48.37*	
23 21 13 23-2039	EA	12" Grooved Tee Type Strainer	15,962.41	129.40
		For Work In Restricted Working Space, Add	*58.05*	
23 21 13 23-2040	EA	14" Grooved Tee Type Strainer	56,424.32	145.67
		For Work In Restricted Working Space, Add	*65.56*	
23 21 13 23-2041	EA	16" Grooved Tee Type Strainer	70,097.49	161.27
		For Work In Restricted Working Space, Add	*72.56*	
23 21 13 23-2042	EA	18" Grooved Tee Type Strainer	92,144.70	176.21
		For Work In Restricted Working Space, Add	*79.23*	

23 21 13 23-2043 Grooved Suction Diffuser *(23 21 13 23-2018)*

Note: Victaulic Style 731

23 21 13 23-2044	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	5,419.80	27.53
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-2045	EA	3" Grooved x 2" Flanged Suction Diffuser	5,753.42	30.43
		For Work In Restricted Working Space, Add	*13.54*	
23 21 13 23-2046	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	4,156.59	35.66
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2047	EA	3" Grooved x 3" Flanged Suction Diffuser	4,215.32	38.68
		For Work In Restricted Working Space, Add	*17.39*	
23 21 13 23-2048	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	4,566.15	38.68
		For Work In Restricted Working Space, Add	*17.39*	
23 21 13 23-2049	EA	4" Grooved x 3" Flanged Suction Diffuser	4,926.32	41.69
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2050	EA	4" Grooved x 4" Flanged Suction Diffuser	5,695.62	41.69
		For Work In Restricted Working Space, Add	*18.89*	
23 21 13 23-2051	EA	5" Grooved x 4" Flanged Suction Diffuser	6,359.22	53.50
		For Work In Restricted Working Space, Add	*24.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2052	EA	5" Grooved x 5" Flanged Suction Diffuser	6,682.32	56.50
		For Work In Restricted Working Space, Add	*25.42*	
23 21 13 23-2053	EA	6" Grooved x 4" Flanged Suction Diffuser	6,788.33	62.42
		For Work In Restricted Working Space, Add	*28.09*	
23 21 13 23-2054	EA	6" Grooved x 5" Flanged Suction Diffuser	8,111.04	68.43
		For Work In Restricted Working Space, Add	*30.77*	
23 21 13 23-2055	EA	6" Grooved x 6" Flanged Suction Diffuser	8,424.51	72.90
		For Work In Restricted Working Space, Add	*32.77*	
23 21 13 23-2056	EA	8" Grooved x 5" Flanged Suction Diffuser	8,644.11	75.79
		For Work In Restricted Working Space, Add	*34.10*	
23 21 13 23-2057	EA	8" Grooved x 6" Flanged Suction Diffuser	9,122.32	84.71
		For Work In Restricted Working Space, Add	*38.12*	
23 21 13 23-2058	EA	8" Grooved x 8" Flanged Suction Diffuser	15,617.94	92.17
		For Work In Restricted Working Space, Add	*41.46*	
23 21 13 23-2059	EA	10" Grooved x 8" Flanged Suction Diffuser	17,616.83	99.64
		For Work In Restricted Working Space, Add	*44.96*	
23 21 13 23-2060	EA	10" Grooved x 10" Flanged Suction Diffuser	21,202.71	103.32
		For Work In Restricted Working Space, Add	*46.47*	
23 21 13 23-2061	EA	12" Grooved x 10" Flanged Suction Diffuser	25,091.85	118.92
		For Work In Restricted Working Space, Add	*53.35*	
23 21 13 23-2062	EA	12" Grooved x 12" Flanged Suction Diffuser	34,843.44	126.39
		For Work In Restricted Working Space, Add	*56.83*	
23 21 13 23-2063	EA	14" Grooved x 10" Flanged Suction Diffuser	32,441.06	126.39
		For Work In Restricted Working Space, Add	*56.94*	
23 21 13 23-2064	EA	14" Grooved x 12" Flanged Suction Diffuser	36,232.84	137.53
		For Work In Restricted Working Space, Add	*61.78*	
23 21 13 23-2065	EA	14" Grooved x 14" Flanged Suction Diffuser	43,967.90	145.67
		For Work In Restricted Working Space, Add	*65.36*	
23 21 13 23-2066	EA	16" Grooved x 14" Flanged Suction Diffuser	45,264.42	153.14
		For Work In Restricted Working Space, Add	*68.97*	

23 21 13 23-2067 Grooved Steel Valves *(23 21 13 23-1529)*

23 21 13 23-2068 Grooved Butterfly Valves With Standard Trim *(23 21 13 23-2067)*

23 21 13 23-2069	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	290.42	12.15
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2070	EA	2" Butterfly Valve, Grooved, With Standard Trim	296.17	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2071	EA	3" Butterfly Valve, Grooved, With Standard Trim	485.93	23.63
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2072	EA	4" Butterfly Valve, Grooved, With Standard Trim	652.69	31.10
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2073	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,424.46	50.94
		For Work In Restricted Working Space, Add	*22.91*	
23 21 13 23-2074	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,974.07	71.66
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-2075	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,964.42	96.86
		For Work In Restricted Working Space, Add	*43.54*	

23 21 13 23-2076 Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-2067)*

23 21 13 23-2077	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	436.24	12.15
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2078	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	441.99	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2079	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	683.60	23.63
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2080	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	869.81	31.10
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2081	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,664.26	50.94
		For Work In Restricted Working Space, Add	*22.91*	
23 21 13 23-2082	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,764.77	71.66
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-2083	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,357.86	96.86
		For Work In Restricted Working Space, Add	*43.54*	

23 21 13 23-2084 Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-2067)*

Note: Victaulic No. 721

23 21 13 23-2085	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	245.09	11.93
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2086	EA	2" Ball Valve, Grooved, With Standard Trim	280.81	16.38
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2087	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	640.71	20.06
		For Work In Restricted Working Space, Add	*9.02*	
23 21 13 23-2088	EA	3" Ball Valve, Grooved, With Standard Trim	1,050.48	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2089	EA	4" Ball Valve, Grooved, With Standard Trim	1,635.75	31.21
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2090	EA	6" Ball Valve, Grooved, With Standard Trim	5,085.09	51.27
		For Work In Restricted Working Space, Add	*22.91*	

23 21 13 23-2091 Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-2067)*

Note: Victaulic No. 721

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2092	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	261.06	11.93
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2093	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	446.60	16.38
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2094	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,163.48	20.06
		For Work In Restricted Working Space, Add	*9.02*	
23 21 13 23-2095	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,504.53	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2096	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,055.34	31.21
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2097	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,605.02	51.27
		For Work In Restricted Working Space, Add	*22.91*	

23 21 13 23-2098 Grooved Check Valves *(23 21 13 23-2067)*

Note: Victaulic No. 712

23 21 13 23-2099	EA	2" Check Valve, Grooved	372.08	16.38
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2100	EA	2-1/2" Check Valve, Grooved	603.85	20.06
		For Work In Restricted Working Space, Add	*9.02*	
23 21 13 23-2101	EA	3" Check Valve, Grooved	703.59	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2102	EA	4" Check Valve, Grooved	997.26	31.21
		For Work In Restricted Working Space, Add	*14.01*	

23 21 13 23-2103 Grooved Vic-Check Check Valves *(23 21 13 23-2067)*

Note: Victaulic No. 716

23 21 13 23-2104	EA	2-1/2" "Vic-Check" Check Valve, Grooved	482.61	20.06
		For Work In Restricted Working Space, Add	*9.02*	
23 21 13 23-2105	EA	3" "Vic-Check" Check Valve, Grooved	488.02	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2106	EA	4" "Vic-Check" Check Valve, Grooved	611.62	31.21
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2107	EA	6" "Vic-Check" Check Valve, Grooved	1,192.15	51.27
		For Work In Restricted Working Space, Add	*22.91*	
23 21 13 23-2108	EA	8" "Vic-Check" Check Valve, Grooved	1,631.26	71.33
		For Work In Restricted Working Space, Add	*31.88*	
23 21 13 23-2109	EA	10" "Vic-Check" Check Valve, Grooved	4,557.07	96.64
		For Work In Restricted Working Space, Add	*43.17*	
23 21 13 23-2110	EA	12" "Vic-Check" Check Valve, Grooved	5,396.33	111.56
		For Work In Restricted Working Space, Add	*49.82*	

23 21 13 23-2111 Grooved Plug Valves With Lever Operator *(23 21 13 23-2067)*

Note: Victaulic No. 377

23 21 13 23-2112	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	1,378.16	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2113	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	1,524.17	31.21
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2114	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	2,726.27	51.27
		For Work In Restricted Working Space, Add	*22.91*	

23 21 13 23-2115 Grooved Plug Valve With Gear Operator *(23 21 13 23-2067)*

Note: Victaulic No. 377

23 21 13 23-2116	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	2,461.01	23.74
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2117	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	2,607.11	31.21
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2118	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	3,809.22	51.27
		For Work In Restricted Working Space, Add	*22.91*	
23 21 13 23-2119	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	5,092.52	71.33
		For Work In Restricted Working Space, Add	*31.88*	
23 21 13 23-2120	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	8,007.25	96.64
		For Work In Restricted Working Space, Add	*43.17*	
23 21 13 23-2121	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	11,619.58	111.56
		For Work In Restricted Working Space, Add	*49.82*	

23 21 13 23-2122 Prepare Pipe For Groove *(23 21 13 23-1529)*

23 21 13 23-2123 Cut Grooved Pipe *(23 21 13 23-2122)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-2124	EA	Cut 3/4" Groove Pipe	11.67	
		For Work In Restricted Working Space, Add	*3.50*	
23 21 13 23-2125	EA	Cut 1" Groove Pipe	12.67	
		For Work In Restricted Working Space, Add	*3.80*	
23 21 13 23-2126	EA	Cut 1-1/4" Groove Pipe	14.31	
		For Work In Restricted Working Space, Add	*4.29*	
23 21 13 23-2127	EA	Cut 1-1/2" Groove Pipe	15.56	
		For Work In Restricted Working Space, Add	*4.67*	
23 21 13 23-2128	EA	Cut 2" Groove Pipe	17.07	
		For Work In Restricted Working Space, Add	*5.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2129	EA	Cut 2-1/2" Groove Pipe	18.48	
		For Work In Restricted Working Space, Add	*5.54*	
23 21 13 23-2130	EA	Cut 3" Groove Pipe	20.17	
		For Work In Restricted Working Space, Add	*6.05*	
23 21 13 23-2131	EA	Cut 3-1/2" Groove Pipe	21.38	
		For Work In Restricted Working Space, Add	*6.41*	
23 21 13 23-2132	EA	Cut 4" Groove Pipe	22.75	
		For Work In Restricted Working Space, Add	*6.83*	
23 21 13 23-2133	EA	Cut 5" Groove Pipe	24.65	
		For Work In Restricted Working Space, Add	*7.40*	
23 21 13 23-2134	EA	Cut 6" Groove Pipe	25.36	
		For Work In Restricted Working Space, Add	*7.61*	
23 21 13 23-2135	EA	Cut 8" Groove Pipe	32.87	
		For Work In Restricted Working Space, Add	*9.86*	
23 21 13 23-2136	EA	Cut 10" Groove Pipe	46.70	
		For Work In Restricted Working Space, Add	*14.01*	
23 21 13 23-2137	EA	Cut 12" Groove Pipe	59.16	
		For Work In Restricted Working Space, Add	*17.75*	
23 21 13 23-2138	EA	Cut 14" Groove Pipe	88.74	
		For Work In Restricted Working Space, Add	*26.62*	
23 21 13 23-2139	EA	Cut 16" Groove Pipe	93.41	
		For Work In Restricted Working Space, Add	*28.02*	
23 21 13 23-2140	EA	Cut 18" Groove Pipe	98.60	
		For Work In Restricted Working Space, Add	*29.58*	
23 21 13 23-2141	EA	Cut 20" Groove Pipe	104.40	
		For Work In Restricted Working Space, Add	*31.32*	
23 21 13 23-2142	EA	Cut 24" Groove Pipe	118.31	
		For Work In Restricted Working Space, Add	*35.49*	

23 21 13 23-2143 Roll Grooved Pipe *(23 21 13 23-2122)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-2144	EA	Roll 3/4" Groove	6.67	
		For Work In Restricted Working Space, Add	*2.00*	
23 21 13 23-2145	EA	Roll 1" Groove	7.78	
		For Work In Restricted Working Space, Add	*2.33*	
23 21 13 23-2146	EA	Roll 1-1/4" Groove	8.87	
		For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-2147	EA	Roll 1-1/2" Groove	9.97	
		For Work In Restricted Working Space, Add	*2.99*	
23 21 13 23-2148	EA	Roll 2" Groove	15.30	
		For Work In Restricted Working Space, Add	*4.59*	
23 21 13 23-2149	EA	Roll 2-1/2" Groove	16.13	
		For Work In Restricted Working Space, Add	*4.84*	
23 21 13 23-2150	EA	Roll 3" Groove	17.75	
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2151	EA	Roll 3-1/2" Groove	18.88	
		For Work In Restricted Working Space, Add	*5.66*	
23 21 13 23-2152	EA	Roll 4" Groove	20.64	
		For Work In Restricted Working Space, Add	*6.19*	
23 21 13 23-2153	EA	Roll 5" Groove	21.13	
		For Work In Restricted Working Space, Add	*6.34*	
23 21 13 23-2154	EA	Roll 6" Groove	22.18	
		For Work In Restricted Working Space, Add	*6.65*	
23 21 13 23-2155	EA	Roll 8" Groove	26.89	
		For Work In Restricted Working Space, Add	*8.07*	
23 21 13 23-2156	EA	Roll 10" Groove	30.60	
		For Work In Restricted Working Space, Add	*9.18*	
23 21 13 23-2157	EA	Roll 12" Groove	38.59	
		For Work In Restricted Working Space, Add	*11.58*	
23 21 13 23-2158	EA	Roll 14" Groove	59.16	
		For Work In Restricted Working Space, Add	*17.75*	
23 21 13 23-2159	EA	Roll 16" Groove	63.39	
		For Work In Restricted Working Space, Add	*19.02*	
23 21 13 23-2160	EA	Roll 18" Groove	65.73	
		For Work In Restricted Working Space, Add	*19.72*	
23 21 13 23-2161	EA	Roll 20" Groove	70.99	
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-2162	EA	Roll 24" Groove	77.16	
		For Work In Restricted Working Space, Add	*23.15*	

23 21 13 23-2163 Standard Gaskets *(23 21 13 23-2122)*

Note: For use on replacement of existing gaskets.

23 21 13 23-2164	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	14.89	
		For Work In Restricted Working Space, Add	*1.40*	
23 21 13 23-2165	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	15.81	
		For Work In Restricted Working Space, Add	*1.67*	
23 21 13 23-2166	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	16.72	
		For Work In Restricted Working Space, Add	*1.86*	
23 21 13 23-2167	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.41	
		For Work In Restricted Working Space, Add	*2.09*	
23 21 13 23-2168	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	19.08	
		For Work In Restricted Working Space, Add	*2.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2169	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	21.88	
		For Work In Restricted Working Space, Add	*2.39*	
23 21 13 23-2170	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	24.12	
		For Work In Restricted Working Space, Add	*2.69*	
23 21 13 23-2171	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.08	
		For Work In Restricted Working Space, Add	*2.93*	
23 21 13 23-2172	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.63	
		For Work In Restricted Working Space, Add	*3.10*	
23 21 13 23-2173	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.84	
		For Work In Restricted Working Space, Add	*3.18*	
23 21 13 23-2174	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	38.41	
		For Work In Restricted Working Space, Add	*3.35*	
23 21 13 23-2175	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	51.59	
		For Work In Restricted Working Space, Add	*4.18*	
23 21 13 23-2176	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	63.75	
		For Work In Restricted Working Space, Add	*4.64*	
23 21 13 23-2177	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	75.98	
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-2178	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	106.85	
		For Work In Restricted Working Space, Add	*8.80*	
23 21 13 23-2179	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	139.07	
		For Work In Restricted Working Space, Add	*9.50*	
23 21 13 23-2180	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	162.50	
		For Work In Restricted Working Space, Add	*9.83*	
23 21 13 23-2181	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	234.41	
		For Work In Restricted Working Space, Add	*10.45*	
23 21 13 23-2182	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	317.21	
		For Work In Restricted Working Space, Add	*11.94*	

23 21 13 23-2183 Copper Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-2184 Grooved Fittings *(23 21 13 23-2183)*

23 21 13 23-2185 Grooved 90 Degree Elbows *(23 21 13 23-2184)*

23 21 13 23-2186	EA	2" Copper 90 Degree Elbow, Grooved	155.39	18.17
		For Work In Restricted Working Space, Add	*10.93*	
23 21 13 23-2187	EA	2-1/2" Copper 90 Degree Elbow, Grooved	173.13	22.18
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2188	EA	3" Copper 90 Degree Elbow, Grooved	234.16	26.86
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2189	EA	4" Copper 90 Degree Elbow, Grooved	485.00	35.44
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-2190	EA	5" Copper 90 Degree Elbow, Grooved	1,262.26	44.36
		For Work In Restricted Working Space, Add	*26.62*	
23 21 13 23-2191	EA	6" Copper 90 Degree Elbow, Grooved	1,988.86	58.07
		For Work In Restricted Working Space, Add	*34.83*	
23 21 13 23-2192	EA	8" Copper 90 Degree Elbow, Grooved	3,653.94	69.11
		For Work In Restricted Working Space, Add	*41.46*	

23 21 13 23-2193 Grooved 45 Degree Elbows *(23 21 13 23-2184)*

23 21 13 23-2194	EA	2" Copper 45 Degree Elbow, Grooved	155.39	18.17
		For Work In Restricted Working Space, Add	*10.93*	
23 21 13 23-2195	EA	2-1/2" Copper 45 Degree Elbow, Grooved	173.13	22.18
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2196	EA	3" Copper 45 Degree Elbow, Grooved	234.16	26.86
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2197	EA	4" Copper 45 Degree Elbow, Grooved	485.00	35.44
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-2198	EA	5" Copper 45 Degree Elbow, Grooved	1,262.26	44.36
		For Work In Restricted Working Space, Add	*26.62*	
23 21 13 23-2199	EA	6" Copper 45 Degree Elbow, Grooved	1,988.86	58.07
		For Work In Restricted Working Space, Add	*34.83*	
23 21 13 23-2200	EA	8" Copper 45 Degree Elbow, Grooved	3,653.94	69.11
		For Work In Restricted Working Space, Add	*41.46*	

23 21 13 23-2201 Grooved Tees *(23 21 13 23-2184)*

23 21 13 23-2202	EA	2" Copper Tee, Grooved	248.61	26.75
		For Work In Restricted Working Space, Add	*16.07*	
23 21 13 23-2203	EA	2-1/2" Copper Tee, Grooved	272.72	32.88
		For Work In Restricted Working Space, Add	*19.72*	
23 21 13 23-2204	EA	3" Copper Tee, Grooved	388.72	40.34
		For Work In Restricted Working Space, Add	*24.20*	
23 21 13 23-2205	EA	4" Copper Tee, Grooved	779.73	52.16
		For Work In Restricted Working Space, Add	*31.32*	
23 21 13 23-2206	EA	5" Copper Tee, Grooved	3,108.27	68.21
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-2207	EA	6" Copper Tee, Grooved	2,505.31	85.38
		For Work In Restricted Working Space, Add	*51.22*	
23 21 13 23-2208	EA	8" Copper Tee, Grooved	4,376.08	103.65
		For Work In Restricted Working Space, Add	*62.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-2209 Grooved Reducing Tees *(23 21 13 23-2184)*

23 21 13 23-2210	EA	2-1/2" Copper Tee, Reducing, Grooved	374.31	32.88
		For Work In Restricted Working Space, Add	*19.72*	
23 21 13 23-2211	EA	3" Copper Tee, Reducing, Grooved	604.42	40.34
		For Work In Restricted Working Space, Add	*24.20*	
23 21 13 23-2212	EA	4" Copper Tee, Reducing, Grooved	991.62	52.27
		For Work In Restricted Working Space, Add	*31.32*	
23 21 13 23-2213	EA	5" Copper Tee, Reducing, Grooved	2,844.35	68.32
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-2214	EA	6" Copper Tee, Reducing, Grooved	3,476.73	85.38
		For Work In Restricted Working Space, Add	*51.22*	

23 21 13 23-2215 Grooved X Cup Reducing Tees *(23 21 13 23-2184)*

23 21 13 23-2216	EA	2" Copper Tee, Reducing, Grooved X Cup	302.94	26.75
		For Work In Restricted Working Space, Add	*16.07*	
23 21 13 23-2217	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	375.42	32.88
		For Work In Restricted Working Space, Add	*19.72*	
23 21 13 23-2218	EA	3" Copper Tee, Reducing, Grooved X Cup	653.31	40.34
		For Work In Restricted Working Space, Add	*24.20*	
23 21 13 23-2219	EA	4" Copper Tee, Reducing, Grooved X Cup	991.62	52.16
		For Work In Restricted Working Space, Add	*31.32*	

23 21 13 23-2220 Grooved Flanged Adapter Nipples *(23 21 13 23-2184)*

23 21 13 23-2221	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	552.90	19.73
		For Work In Restricted Working Space, Add	*11.88*	
23 21 13 23-2222	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	582.49	23.96
		For Work In Restricted Working Space, Add	*14.39*	
23 21 13 23-2223	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	617.24	28.64
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2224	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	691.06	38.57
		For Work In Restricted Working Space, Add	*23.15*	
23 21 13 23-2225	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	918.64	46.70
		For Work In Restricted Working Space, Add	*28.02*	
23 21 13 23-2226	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,024.17	63.08
		For Work In Restricted Working Space, Add	*37.86*	

23 21 13 23-2227 Grooved Concentric Reducers *(23 21 13 23-2184)*

23 21 13 23-2228	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	211.28	20.28
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-2229	EA	3" x 2" Copper Concentric Reducer, Grooved	215.73	22.63
		For Work In Restricted Working Space, Add	*13.54*	
23 21 13 23-2230	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	224.38	26.86
		For Work In Restricted Working Space, Add	*16.13*	
23 21 13 23-2231	EA	4" x 2" Copper Concentric Reducer, Grooved	402.88	27.08
		For Work In Restricted Working Space, Add	*16.22*	
23 21 13 23-2232	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	406.79	28.97
		For Work In Restricted Working Space, Add	*17.39*	
23 21 13 23-2233	EA	4" x 3" Copper Concentric Reducer, Grooved	411.24	31.21
		For Work In Restricted Working Space, Add	*18.73*	
23 21 13 23-2234	EA	5" x 3" Copper Concentric Reducer, Grooved	1,052.54	35.66
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-2235	EA	5" x 4" Copper Concentric Reducer, Grooved	1,061.45	40.12
		For Work In Restricted Working Space, Add	*24.08*	
23 21 13 23-2236	EA	6" x 3" Copper Concentric Reducer, Grooved	1,146.87	42.35
		For Work In Restricted Working Space, Add	*25.42*	
23 21 13 23-2237	EA	6" x 4" Copper Concentric Reducer, Grooved	1,155.77	46.81
		For Work In Restricted Working Space, Add	*28.09*	
23 21 13 23-2238	EA	6" x 5" Copper Concentric Reducer, Grooved	1,164.71	51.27
		For Work In Restricted Working Space, Add	*30.77*	
23 21 13 23-2239	EA	8" x 6" Copper Concentric Reducer, Grooved	1,991.13	63.53
		For Work In Restricted Working Space, Add	*38.12*	

23 21 13 23-2240 Grooved X Cup Concentric Reducers *(23 21 13 23-2184)*

23 21 13 23-2241	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	169.69	14.27
		For Work In Restricted Working Space, Add	*8.53*	
23 21 13 23-2242	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	170.81	14.83
		For Work In Restricted Working Space, Add	*8.86*	
23 21 13 23-2243	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	174.22	16.49
		For Work In Restricted Working Space, Add	*9.89*	
23 21 13 23-2244	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	204.62	15.94
		For Work In Restricted Working Space, Add	*9.55*	
23 21 13 23-2245	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	205.73	16.49
		For Work In Restricted Working Space, Add	*9.89*	
23 21 13 23-2246	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	209.00	18.17
		For Work In Restricted Working Space, Add	*10.87*	
23 21 13 23-2247	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	213.46	20.28
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-2248	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	255.27	20.28
		For Work In Restricted Working Space, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2249	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	259.72	22.63
		For Work In Restricted Working Space, Add	*13.54*	
23 21 13 23-2250	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	452.32	26.97
		For Work In Restricted Working Space, Add	*16.22*	
23 21 13 23-2251		**Grooved Standard Couplings** *(23 21 13 23-2184)*		
23 21 13 23-2252	EA	2" Copper Standard Coupling, Grooved	59.23	9.14
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2253	EA	2-1/2" Copper Standard Coupling, Grooved	69.20	11.15
		For Work In Restricted Working Space, Add	*6.65*	
23 21 13 23-2254	EA	3" Copper Standard Coupling, Grooved	78.24	13.26
		For Work In Restricted Working Space, Add	*7.95*	
23 21 13 23-2255	EA	4" Copper Standard Coupling, Grooved	114.70	17.84
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2256	EA	5" Copper Standard Coupling, Grooved	179.12	22.18
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2257	EA	6" Copper Standard Coupling, Grooved	236.03	28.97
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-2258	EA	8" Copper Standard Coupling, Grooved	346.19	34.55
		For Work In Restricted Working Space, Add	*20.73*	
23 21 13 23-2259		**Grooved Caps** *(23 21 13 23-2184)*		
23 21 13 23-2260	EA	2" Copper Cap, Grooved	100.23	9.14
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-2261	EA	2-1/2" Copper Cap, Grooved	143.89	11.15
		For Work In Restricted Working Space, Add	*6.65*	
23 21 13 23-2262	EA	3" Copper Cap, Grooved	177.52	13.26
		For Work In Restricted Working Space, Add	*7.95*	
23 21 13 23-2263	EA	4" Copper Cap, Grooved	262.05	17.73
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2264	EA	5" Copper Cap, Grooved	446.07	22.18
		For Work In Restricted Working Space, Add	*13.31*	
23 21 13 23-2265	EA	6" Copper Cap, Grooved	520.40	28.97
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-2266		**Grooved Valves** *(23 21 13 23-2183)*		
23 21 13 23-2267		**Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-2266)*		
		Note: Copper body.		
23 21 13 23-2268	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	479.46	11.93
		For Work In Restricted Working Space, Add	*7.19*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2269	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	545.68	17.73
		For Work In Restricted Working Space, Add	*10.65*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2270	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	721.32	23.29
		For Work In Restricted Working Space, Add	*14.01*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2271	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	963.11	38.23
		For Work In Restricted Working Space, Add	*22.91*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2272	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,062.72	53.72
		For Work In Restricted Working Space, Add	*32.25*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2273		**Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-2266)*		
		Note: Copper body.		
23 21 13 23-2274	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	585.52	11.93
		For Work In Restricted Working Space, Add	*7.19*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2275	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	651.81	17.73
		For Work In Restricted Working Space, Add	*10.65*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2276	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	827.45	23.29
		For Work In Restricted Working Space, Add	*14.01*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2277	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,069.31	38.23
		For Work In Restricted Working Space, Add	*22.91*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2278	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,168.85	53.72
		For Work In Restricted Working Space, Add	*32.25*	
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2279		Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23)* Note: Socket or back weld.		
23 21 13 23-2280		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2279)* Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2281		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2280)*		
23 21 13 23-2282	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.21	3.18
		For Work In Restricted Working Space, Add	*1.43*	
23 21 13 23-2283	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.52	3.98
		For Work In Restricted Working Space, Add	*1.79*	
23 21 13 23-2284	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.17	4.24
		For Work In Restricted Working Space, Add	*1.91*	
23 21 13 23-2285	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.90	4.57
		For Work In Restricted Working Space, Add	*2.06*	
23 21 13 23-2286	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.16	4.65
		For Work In Restricted Working Space, Add	*2.09*	
23 21 13 23-2287	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	9.98	5.56
		For Work In Restricted Working Space, Add	*2.51*	
23 21 13 23-2288	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	12.48	6.61
		For Work In Restricted Working Space, Add	*2.97*	
23 21 13 23-2289	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	15.34	7.99
		For Work In Restricted Working Space, Add	*3.60*	
23 21 13 23-2290	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	22.80	11.99
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2291	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	32.38	15.98
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2292	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	41.35	19.05
		For Work In Restricted Working Space, Add	*8.57*	
23 21 13 23-2293	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	70.97	21.27
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-2294		Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2280)*		
23 21 13 23-2295	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	18.85	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2296	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	25.19	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2297	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	31.90	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2298	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	46.07	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2299	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	51.70	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2300	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	66.96	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2301	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	109.58	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2302	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	141.83	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2303	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	183.09	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2304	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	264.06	106.22
		For Work In Restricted Working Space, Add	*47.77*	
23 21 13 23-2305	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	455.70	123.94
		For Work In Restricted Working Space, Add	*55.73*	
23 21 13 23-2306	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	681.50	184.79
		For Work In Restricted Working Space, Add	*83.09*	
23 21 13 23-2307		Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2280)*		
23 21 13 23-2308	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	19.29	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2309	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	26.06	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2310	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	33.12	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2311	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	46.86	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2312	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	53.45	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2313	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	68.09	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2314	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	109.58	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2315	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	149.15	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2316	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	196.44	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2317	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	265.28	106.22
		For Work In Restricted Working Space, Add	*47.77*	
23 21 13 23-2318	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	440.96	123.94
		For Work In Restricted Working Space, Add	*55.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2319	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	681.50	184.79
		For Work In Restricted Working Space, Add	*83.09*	

23 21 13 23-2320 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2280)*

23 21 13 23-2321	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	30.77	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2322	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	37.09	23.96
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-2323	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	49.61	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2324	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	63.73	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2325	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	76.18	47.92
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-2326	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	95.36	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2327	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	137.90	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2328	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	166.26	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2329	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	234.60	123.94
		For Work In Restricted Working Space, Add	*55.73*	
23 21 13 23-2330	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	404.36	159.83
		For Work In Restricted Working Space, Add	*71.91*	
23 21 13 23-2331	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	679.22	198.28
		For Work In Restricted Working Space, Add	*89.16*	
23 21 13 23-2332	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,939.01	296.24
		For Work In Restricted Working Space, Add	*133.26*	

23 21 13 23-2333 Schedule 40 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2280)*

23 21 13 23-2334	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	38.79	24.74
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-2335	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	46.72	29.98
		For Work In Restricted Working Space, Add	*13.48*	
23 21 13 23-2336	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	62.70	39.57
		For Work In Restricted Working Space, Add	*17.78*	
23 21 13 23-2337	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	80.78	50.27
		For Work In Restricted Working Space, Add	*22.59*	
23 21 13 23-2338	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	96.58	59.96
		For Work In Restricted Working Space, Add	*26.96*	
23 21 13 23-2339	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	121.16	74.34
		For Work In Restricted Working Space, Add	*33.44*	
23 21 13 23-2340	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	178.92	97.86
		For Work In Restricted Working Space, Add	*44.00*	
23 21 13 23-2341	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	216.39	116.14
		For Work In Restricted Working Space, Add	*52.25*	
23 21 13 23-2342	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	308.77	154.92
		For Work In Restricted Working Space, Add	*69.66*	
23 21 13 23-2343	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	557.61	199.73
		For Work In Restricted Working Space, Add	*89.84*	
23 21 13 23-2344	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	970.16	247.65
		For Work In Restricted Working Space, Add	*111.40*	
23 21 13 23-2345	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,898.78	370.47
		For Work In Restricted Working Space, Add	*166.65*	

23 21 13 23-2346 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2280)*

23 21 13 23-2347	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	19.43	12.26
		For Work In Restricted Working Space, Add	*5.60*	
23 21 13 23-2348	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	25.52	15.72
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2349	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	34.08	21.06
		For Work In Restricted Working Space, Add	*9.57*	
23 21 13 23-2350	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	42.04	26.20
		For Work In Restricted Working Space, Add	*11.93*	
23 21 13 23-2351	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	51.70	31.54
		For Work In Restricted Working Space, Add	*14.36*	
23 21 13 23-2352	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	72.51	43.80
		For Work In Restricted Working Space, Add	*19.92*	
23 21 13 23-2353	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	100.93	60.52
		For Work In Restricted Working Space, Add	*27.53*	
23 21 13 23-2354	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	134.73	75.23
		For Work In Restricted Working Space, Add	*34.22*	
23 21 13 23-2355	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	184.04	87.60
		For Work In Restricted Working Space, Add	*39.80*	
23 21 13 23-2356	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	448.70	101.20
		For Work In Restricted Working Space, Add	*46.00*	
23 21 13 23-2357	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	533.55	135.76
		For Work In Restricted Working Space, Add	*61.70*	

23 21 13 23-2358 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2280)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2359	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	19.81	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2360	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	25.80	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2361	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	31.99	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2362	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	45.55	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2363	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	51.44	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2364	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	65.73	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2365	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	97.11	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2366	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	126.48	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2367	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	159.98	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2368 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2280)*

23 21 13 23-2369	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	20.42	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2370	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	26.41	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2371	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	33.21	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2372	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	46.25	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2373	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	53.01	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2374	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	67.13	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2375	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	98.68	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2376	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	131.28	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2377	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	157.19	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2378 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2280)*

23 21 13 23-2379	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	18.85	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2380	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	25.10	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2381	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	31.03	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2382	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	44.15	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2383	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	49.87	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2384	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	63.55	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2385	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	103.56	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2386	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	136.68	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2387	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	171.31	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2388 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2280)*

23 21 13 23-2389	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	30.89	16.38
		For Work In Restricted Working Space, Add	*7.36*	

23 21 13 23-2390 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2280)*

23 21 13 23-2391	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	18.50	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2392	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	24.67	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2393	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	31.03	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2394	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	43.80	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2395	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	49.35	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2396	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	63.20	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2397	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	95.80	59.52
		For Work In Restricted Working Space, Add	*26.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2398	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	127.70	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2399	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	154.40	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2400	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	207.01	106.22
		For Work In Restricted Working Space, Add	*47.77*	
23 21 13 23-2401	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	275.07	123.94
		For Work In Restricted Working Space, Add	*55.73*	
23 21 13 23-2402	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	609.02	132.86
		For Work In Restricted Working Space, Add	*59.73*	

23 21 13 23-2403 Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2280)*

23 21 13 23-2404	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	36.78	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2405	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	50.70	23.96
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-2406	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	63.91	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2407	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	100.36	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2408	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	113.77	47.92
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-2409	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	145.60	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2410	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	219.71	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2411	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	247.81	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2412	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	400.92	123.94
		For Work In Restricted Working Space, Add	*55.73*	
23 21 13 23-2413	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	528.01	159.83
		For Work In Restricted Working Space, Add	*71.88*	
23 21 13 23-2414	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	772.90	198.16
		For Work In Restricted Working Space, Add	*89.12*	
23 21 13 23-2415	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,153.18	245.98
		For Work In Restricted Working Space, Add	*110.66*	

23 21 13 23-2416 Schedule 40 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2280)*

23 21 13 23-2417	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	8.91	5.42
		For Work In Restricted Working Space, Add	*2.46*	
23 21 13 23-2418	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	11.66	7.13
		For Work In Restricted Working Space, Add	*3.24*	
23 21 13 23-2419	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	14.77	8.80
		For Work In Restricted Working Space, Add	*4.01*	
23 21 13 23-2420	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	21.13	12.66
		For Work In Restricted Working Space, Add	*5.76*	
23 21 13 23-2421	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	23.43	14.05
		For Work In Restricted Working Space, Add	*6.40*	
23 21 13 23-2422	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	29.63	17.95
		For Work In Restricted Working Space, Add	*8.13*	
23 21 13 23-2423	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	48.41	26.53
		For Work In Restricted Working Space, Add	*12.04*	
23 21 13 23-2424	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	61.77	34.89
		For Work In Restricted Working Space, Add	*15.84*	
23 21 13 23-2425	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	83.27	41.35
		For Work In Restricted Working Space, Add	*18.81*	
23 21 13 23-2426	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	120.93	47.26
		For Work In Restricted Working Space, Add	*21.50*	
23 21 13 23-2427	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	248.43	55.17
		For Work In Restricted Working Space, Add	*25.08*	
23 21 13 23-2428	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	734.56	82.25
		For Work In Restricted Working Space, Add	*37.39*	

23 21 13 23-2429 Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges *(23 21 13 23-2280)*

23 21 13 23-2430	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Socket Weld Flanges	47.25	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2431	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	62.82	23.96
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-2432	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	77.34	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2433	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	91.03	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2434	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	103.39	47.92
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-2435	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	131.03	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2436	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	181.95	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2437	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	210.65	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2438	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	276.11	123.94
		For Work In Restricted Working Space, Add	*55.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2439	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	381.66	159.83
		For Work In Restricted Working Space, Add	*71.88*	
23 21 13 23-2440	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	617.57	198.16
		For Work In Restricted Working Space, Add	*89.12*	
23 21 13 23-2441	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,090.68	245.65
		For Work In Restricted Working Space, Add	*110.48*	

23 21 13 23-2442 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2279)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2443 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2442)*

23 21 13 23-2444	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.33	3.23
		For Work In Restricted Working Space, Add	*1.43*	
23 21 13 23-2445	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.68	4.01
		For Work In Restricted Working Space, Add	*1.79*	
23 21 13 23-2446	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.21	4.79
		For Work In Restricted Working Space, Add	*2.15*	
23 21 13 23-2447	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.79	5.57
		For Work In Restricted Working Space, Add	*2.51*	
23 21 13 23-2448	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.26	6.36
		For Work In Restricted Working Space, Add	*2.87*	
23 21 13 23-2449	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	14.45	8.02
		For Work In Restricted Working Space, Add	*3.60*	
23 21 13 23-2450	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	16.84	8.80
		For Work In Restricted Working Space, Add	*3.96*	
23 21 13 23-2451	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	19.23	9.58
		For Work In Restricted Working Space, Add	*4.31*	
23 21 13 23-2452	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	25.10	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2453	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	37.50	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2454	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	49.20	19.06
		For Work In Restricted Working Space, Add	*8.57*	
23 21 13 23-2455	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	94.30	20.51
		For Work In Restricted Working Space, Add	*9.23*	

23 21 13 23-2456 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2442)*

23 21 13 23-2457	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	21.12	12.04
		For Work In Restricted Working Space, Add	*5.39*	
		For Threaded Fittings, Add	*2.70*	
23 21 13 23-2458	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	28.07	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Threaded Fittings, Add	*3.60*	
23 21 13 23-2459	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	36.35	19.84
		For Work In Restricted Working Space, Add	*8.92*	
		For Threaded Fittings, Add	*4.46*	
23 21 13 23-2460	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	50.87	28.09
		For Work In Restricted Working Space, Add	*12.62*	
		For Threaded Fittings, Add	*6.31*	
23 21 13 23-2461	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	56.85	31.65
		For Work In Restricted Working Space, Add	*14.23*	
		For Threaded Fittings, Add	*7.11*	
23 21 13 23-2462	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	71.67	40.23
		For Work In Restricted Working Space, Add	*18.07*	
		For Threaded Fittings, Add	*9.04*	
23 21 13 23-2463	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	115.95	59.52
		For Work In Restricted Working Space, Add	*26.75*	
		For Threaded Fittings, Add	*13.38*	
23 21 13 23-2464	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	147.41	78.24
		For Work In Restricted Working Space, Add	*35.20*	
		For Threaded Fittings, Add	*17.60*	
23 21 13 23-2465	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	185.01	92.96
		For Work In Restricted Working Space, Add	*41.79*	
		For Threaded Fittings, Add	*20.90*	
23 21 13 23-2466	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	324.32	106.22
		For Work In Restricted Working Space, Add	*47.77*	
		For Threaded Fittings, Add	*23.88*	
23 21 13 23-2467	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	544.66	123.94
		For Work In Restricted Working Space, Add	*55.73*	
		For Threaded Fittings, Add	*27.86*	
23 21 13 23-2468	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	681.50	184.79
		For Work In Restricted Working Space, Add	*83.09*	
		For Threaded Fittings, Add	*41.55*	

23 21 13 23-2469 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2442)*

23 21 13 23-2470	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	24.00	12.04
		For Work In Restricted Working Space, Add	*5.39*	
		For Threaded Fittings, Add	*2.70*	
23 21 13 23-2471	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	33.13	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Threaded Fittings, Add	*3.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2472	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	43.50	19.84
		For Work In Restricted Working Space, Add	*8.92*	
		For Threaded Fittings, Add	*4.46*	
23 21 13 23-2473	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	59.68	28.09
		For Work In Restricted Working Space, Add	*12.62*	
		For Threaded Fittings, Add	*6.31*	
23 21 13 23-2474	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	68.19	31.65
		For Work In Restricted Working Space, Add	*14.23*	
		For Threaded Fittings, Add	*7.11*	
23 21 13 23-2475	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	87.19	40.23
		For Work In Restricted Working Space, Add	*18.07*	
		For Threaded Fittings, Add	*9.04*	
23 21 13 23-2476	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	145.87	59.52
		For Work In Restricted Working Space, Add	*26.75*	
		For Threaded Fittings, Add	*13.38*	
23 21 13 23-2477	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	186.31	78.24
		For Work In Restricted Working Space, Add	*35.20*	
		For Threaded Fittings, Add	*17.60*	
23 21 13 23-2478	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	263.60	92.96
		For Work In Restricted Working Space, Add	*41.79*	
		For Threaded Fittings, Add	*20.90*	
23 21 13 23-2479	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	315.70	106.22
		For Work In Restricted Working Space, Add	*47.77*	
		For Threaded Fittings, Add	*23.88*	
23 21 13 23-2480	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	525.06	123.94
		For Work In Restricted Working Space, Add	*55.73*	
		For Threaded Fittings, Add	*27.86*	
23 21 13 23-2481	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	659.46	184.79
		For Work In Restricted Working Space, Add	*83.09*	
		For Threaded Fittings, Add	*41.55*	

23 21 13 23-2482 Schedule 80 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2442)*

23 21 13 23-2483	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	37.20	18.84
		For Work In Restricted Working Space, Add	*8.47*	
		For Threaded Fittings, Add	*4.23*	
23 21 13 23-2484	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	45.38	23.96
		For Work In Restricted Working Space, Add	*10.79*	
		For Threaded Fittings, Add	*5.39*	
23 21 13 23-2485	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	59.21	31.65
		For Work In Restricted Working Space, Add	*14.23*	
		For Threaded Fittings, Add	*7.11*	
23 21 13 23-2486	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	92.78	40.23
		For Work In Restricted Working Space, Add	*18.07*	
		For Threaded Fittings, Add	*9.04*	
23 21 13 23-2487	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	104.45	47.92
		For Work In Restricted Working Space, Add	*21.57*	
		For Threaded Fittings, Add	*10.79*	
23 21 13 23-2488	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	129.90	59.52
		For Work In Restricted Working Space, Add	*26.75*	
		For Threaded Fittings, Add	*13.38*	
23 21 13 23-2489	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	161.63	78.24
		For Work In Restricted Working Space, Add	*35.20*	
		For Threaded Fittings, Add	*17.60*	
23 21 13 23-2490	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	194.61	92.96
		For Work In Restricted Working Space, Add	*41.79*	
		For Threaded Fittings, Add	*20.90*	
23 21 13 23-2491	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	249.87	123.94
		For Work In Restricted Working Space, Add	*55.73*	
		For Threaded Fittings, Add	*27.86*	
23 21 13 23-2492	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	458.71	159.83
		For Work In Restricted Working Space, Add	*71.91*	
		For Threaded Fittings, Add	*35.95*	
23 21 13 23-2493	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	805.20	198.28
		For Work In Restricted Working Space, Add	*89.16*	
		For Threaded Fittings, Add	*44.58*	
23 21 13 23-2494	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,939.11	296.24
		For Work In Restricted Working Space, Add	*133.26*	
		For Threaded Fittings, Add	*66.63*	

23 21 13 23-2495 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2442)*

23 21 13 23-2496	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	49.35	23.52
		For Work In Restricted Working Space, Add	*10.58*	
		For Threaded Fittings, Add	*5.29*	
23 21 13 23-2497	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	59.70	29.98
		For Work In Restricted Working Space, Add	*13.48*	
		For Threaded Fittings, Add	*6.74*	
23 21 13 23-2498	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	77.73	39.57
		For Work In Restricted Working Space, Add	*17.78*	
		For Threaded Fittings, Add	*8.89*	
23 21 13 23-2499	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	126.31	50.27
		For Work In Restricted Working Space, Add	*22.59*	
		For Threaded Fittings, Add	*11.30*	
23 21 13 23-2500	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	140.88	59.96
		For Work In Restricted Working Space, Add	*26.96*	
		For Threaded Fittings, Add	*13.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2501	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	175.30	74.34
		For Work In Restricted Working Space, Add	*33.44*	
		For Threaded Fittings, Add	*16.72*	
23 21 13 23-2502	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	216.12	97.86
		For Work In Restricted Working Space, Add	*44.00*	
		For Threaded Fittings, Add	*22.00*	
23 21 13 23-2503	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	260.84	116.14
		For Work In Restricted Working Space, Add	*52.25*	
		For Threaded Fittings, Add	*26.12*	
23 21 13 23-2504	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	332.70	154.92
		For Work In Restricted Working Space, Add	*69.66*	
		For Threaded Fittings, Add	*34.83*	
23 21 13 23-2505	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	642.82	199.73
		For Work In Restricted Working Space, Add	*89.84*	
		For Threaded Fittings, Add	*44.92*	
23 21 13 23-2506	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,167.65	247.65
		For Work In Restricted Working Space, Add	*111.40*	
		For Threaded Fittings, Add	*55.70*	
23 21 13 23-2507	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,898.94	370.47
		For Work In Restricted Working Space, Add	*166.65*	
		For Threaded Fittings, Add	*83.32*	

23 21 13 23-2508 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2442)*

23 21 13 23-2509	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	25.80	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2510	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	35.04	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2511	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	50.43	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2512	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	58.85	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2513	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	76.55	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2514	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	117.43	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2515	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	162.24	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2516	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	201.58	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2517	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	228.29	106.22
		For Work In Restricted Working Space, Add	*47.77*	
23 21 13 23-2518	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	339.08	123.94
		For Work In Restricted Working Space, Add	*55.73*	
23 21 13 23-2519	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	543.73	143.89
		For Work In Restricted Working Space, Add	*64.74*	

23 21 13 23-2520 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2442)*

23 21 13 23-2521	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	18.59	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2522	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	27.37	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2523	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	35.04	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2524	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	52.87	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2525	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	61.04	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2526	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	76.90	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2527	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	124.40	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2528	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	182.56	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2529	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	239.61	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2530 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2442)*

23 21 13 23-2531	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	25.39	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2532	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	32.17	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2533	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	44.02	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2534	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	58.81	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2535	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	71.50	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2536	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	91.64	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2537	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	124.93	59.52
		For Work In Restricted Working Space, Add	*26.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2538	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	157.00	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2539	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	209.87	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2540 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2442)*

23 21 13 23-2541	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	23.39	12.04
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-2542	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	31.99	15.94
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-2543	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	41.58	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2544	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	61.33	28.09
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-2545	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	71.07	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2546	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	101.41	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2547	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	154.23	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2548	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	190.58	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2549	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	265.25	92.96
		For Work In Restricted Working Space, Add	*41.79*	

23 21 13 23-2550 Schedule 80 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2442)*

23 21 13 23-2551	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	23.74	12.04
		For Work In Restricted Working Space, Add	*5.39*	
		For Threaded Fittings, Add	*2.70*	
23 21 13 23-2552	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	31.73	15.94
		For Work In Restricted Working Space, Add	*7.19*	
		For Threaded Fittings, Add	*3.60*	
23 21 13 23-2553	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	37.74	19.84
		For Work In Restricted Working Space, Add	*8.92*	
		For Threaded Fittings, Add	*4.46*	
23 21 13 23-2554	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	54.36	28.09
		For Work In Restricted Working Space, Add	*12.62*	
		For Threaded Fittings, Add	*6.31*	
23 21 13 23-2555	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	60.69	31.65
		For Work In Restricted Working Space, Add	*14.23*	
		For Threaded Fittings, Add	*7.11*	
23 21 13 23-2556	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	74.37	40.23
		For Work In Restricted Working Space, Add	*18.07*	
		For Threaded Fittings, Add	*9.04*	
23 21 13 23-2557	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	124.14	59.52
		For Work In Restricted Working Space, Add	*26.75*	
		For Threaded Fittings, Add	*13.38*	
23 21 13 23-2558	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	157.53	78.24
		For Work In Restricted Working Space, Add	*35.20*	
		For Threaded Fittings, Add	*17.60*	
23 21 13 23-2559	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	189.72	92.96
		For Work In Restricted Working Space, Add	*41.79*	
		For Threaded Fittings, Add	*20.90*	
23 21 13 23-2560	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	267.63	106.22
		For Work In Restricted Working Space, Add	*47.77*	
		For Threaded Fittings, Add	*23.88*	
23 21 13 23-2561	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	333.33	123.94
		For Work In Restricted Working Space, Add	*55.73*	
		For Threaded Fittings, Add	*27.86*	
23 21 13 23-2562	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	635.19	132.86
		For Work In Restricted Working Space, Add	*59.73*	
		For Threaded Fittings, Add	*29.87*	

23 21 13 23-2563 Schedule 80 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2442)*

23 21 13 23-2564	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	42.63	19.84
		For Work In Restricted Working Space, Add	*8.92*	
23 21 13 23-2565	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	50.87	23.96
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-2566	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	64.44	31.65
		For Work In Restricted Working Space, Add	*14.23*	
23 21 13 23-2567	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	102.80	40.23
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-2568	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	126.68	47.92
		For Work In Restricted Working Space, Add	*21.57*	
23 21 13 23-2569	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	163.39	59.52
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-2570	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	255.52	78.24
		For Work In Restricted Working Space, Add	*35.20*	
23 21 13 23-2571	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	317.44	92.96
		For Work In Restricted Working Space, Add	*41.79*	
23 21 13 23-2572	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	401.44	123.94
		For Work In Restricted Working Space, Add	*55.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2573	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	528.01	159.83
		For Work In Restricted Working Space, Add	*71.88*	
23 21 13 23-2574	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	772.90	198.16
		For Work In Restricted Working Space, Add	*89.12*	
23 21 13 23-2575	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,152.61	245.65
		For Work In Restricted Working Space, Add	*110.48*	

23 21 13 23-2576 Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions *(23 21 13 23-2442)*

23 21 13 23-2577	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	44.84	24.77
23 21 13 23-2578	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	53.68	28.64
23 21 13 23-2579	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	65.12	33.77
23 21 13 23-2580	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	87.75	40.23
23 21 13 23-2581	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	105.82	47.92
23 21 13 23-2582	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	140.94	59.52
23 21 13 23-2583	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	304.07	115.35
23 21 13 23-2584	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	329.37	127.95

23 21 13 23-2585 Schedule 80 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2442)*

23 21 13 23-2586	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	16.20	5.35
		For Work In Restricted Working Space, Add	*2.43*	
		For Threaded Fittings, Add	*1.21*	
23 21 13 23-2587	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	19.34	7.13
		For Work In Restricted Working Space, Add	*3.24*	
		For Threaded Fittings, Add	*1.62*	
23 21 13 23-2588	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	28.54	8.80
		For Work In Restricted Working Space, Add	*4.01*	
		For Threaded Fittings, Add	*2.01*	
23 21 13 23-2589	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	37.25	12.48
		For Work In Restricted Working Space, Add	*5.68*	
		For Threaded Fittings, Add	*2.84*	
23 21 13 23-2590	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	39.66	14.05
		For Work In Restricted Working Space, Add	*6.40*	
		For Threaded Fittings, Add	*3.20*	
23 21 13 23-2591	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	54.57	17.95
		For Work In Restricted Working Space, Add	*8.13*	
		For Threaded Fittings, Add	*4.07*	
23 21 13 23-2592	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	96.55	26.53
		For Work In Restricted Working Space, Add	*12.04*	
		For Threaded Fittings, Add	*6.02*	
23 21 13 23-2593	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	121.78	34.89
		For Work In Restricted Working Space, Add	*15.84*	
		For Threaded Fittings, Add	*7.92*	
23 21 13 23-2594	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	173.63	41.35
		For Work In Restricted Working Space, Add	*18.81*	
		For Threaded Fittings, Add	*9.40*	
23 21 13 23-2595	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	347.26	47.26
		For Work In Restricted Working Space, Add	*21.50*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2596	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	462.20	55.17
		For Work In Restricted Working Space, Add	*25.08*	
		For Threaded Fittings, Add	*12.54*	
23 21 13 23-2597	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	821.77	82.25
		For Work In Restricted Working Space, Add	*37.39*	
		For Threaded Fittings, Add	*18.70*	

23 21 13 23-2598 Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges *(23 21 13 23-2442)*

23 21 13 23-2599	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	54.75	19.84
		For Work In Restricted Working Space, Add	*8.92*	
		For Threaded Fittings, Add	*4.46*	
23 21 13 23-2600	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	62.82	23.96
		For Work In Restricted Working Space, Add	*10.79*	
		For Threaded Fittings, Add	*5.39*	
23 21 13 23-2601	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	77.35	31.65
		For Work In Restricted Working Space, Add	*14.23*	
		For Threaded Fittings, Add	*7.11*	
23 21 13 23-2602	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	91.03	40.23
		For Work In Restricted Working Space, Add	*18.07*	
		For Threaded Fittings, Add	*9.04*	
23 21 13 23-2603	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	103.40	47.92
		For Work In Restricted Working Space, Add	*21.57*	
		For Threaded Fittings, Add	*10.79*	
23 21 13 23-2604	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	131.03	59.52
		For Work In Restricted Working Space, Add	*26.75*	
		For Threaded Fittings, Add	*13.38*	
23 21 13 23-2605	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	181.95	78.24
		For Work In Restricted Working Space, Add	*35.20*	
		For Threaded Fittings, Add	*17.60*	
23 21 13 23-2606	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	210.65	92.96
		For Work In Restricted Working Space, Add	*41.79*	
		For Threaded Fittings, Add	*20.90*	
23 21 13 23-2607	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	276.12	123.94
		For Work In Restricted Working Space, Add	*55.73*	
		For Threaded Fittings, Add	*27.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2608	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	381.67	159.83
		For Work In Restricted Working Space, Add	*71.88*	
		For Threaded Fittings, Add	*35.94*	
23 21 13 23-2609	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	617.57	198.16
		For Work In Restricted Working Space, Add	*89.12*	
		For Threaded Fittings, Add	*44.56*	
23 21 13 23-2610	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,090.68	245.65
		For Work In Restricted Working Space, Add	*110.48*	
		For Threaded Fittings, Add	*55.24*	
23 21 13 23-2611		**Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2279)*		
		Note: In place pipe.		
23 21 13 23-2612	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.05	
		For Work In Restricted Working Space, Add	*1.82*	
23 21 13 23-2613	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.53	
		For Work In Restricted Working Space, Add	*1.96*	
23 21 13 23-2614	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.35	
		For Work In Restricted Working Space, Add	*2.21*	
23 21 13 23-2615	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.72	
		For Work In Restricted Working Space, Add	*2.32*	
23 21 13 23-2616	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.17	
		For Work In Restricted Working Space, Add	*2.45*	
23 21 13 23-2617	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.99	
		For Work In Restricted Working Space, Add	*2.70*	
23 21 13 23-2618	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.69	
		For Work In Restricted Working Space, Add	*2.91*	
23 21 13 23-2619	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	11.43	
		For Work In Restricted Working Space, Add	*3.43*	
23 21 13 23-2620	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	15.43	
		For Work In Restricted Working Space, Add	*4.63*	
23 21 13 23-2621	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	22.05	
		For Work In Restricted Working Space, Add	*6.62*	
23 21 13 23-2622	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	29.41	
		For Work In Restricted Working Space, Add	*8.82*	
23 21 13 23-2623	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	35.94	
		For Work In Restricted Working Space, Add	*10.78*	
23 21 13 23-2624		**Polyvinylidene Fluoride (PVDF), Socket Weld** *(23 21 13 23)*		
23 21 13 23-2625		**Pipe** *(23 21 13 23-2624)*		
23 21 13 23-2626	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	41.64	3.23
23 21 13 23-2627	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	55.76	4.01
23 21 13 23-2628	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	78.92	4.23
23 21 13 23-2629	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	110.57	4.68
23 21 13 23-2630	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	140.16	5.57
23 21 13 23-2631		**90 Degree Elbows** *(23 21 13 23-2624)*		
23 21 13 23-2632	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	48.21	11.93
23 21 13 23-2633	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.38	15.94
23 21 13 23-2634	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	106.72	19.84
23 21 13 23-2635	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	185.32	31.65
23 21 13 23-2636	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	241.65	40.23
23 21 13 23-2637		**45 Degree Elbows** *(23 21 13 23-2624)*		
23 21 13 23-2638	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	55.84	12.04
23 21 13 23-2639	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	75.11	15.94
23 21 13 23-2640	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	106.72	19.84
23 21 13 23-2641	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	159.61	31.65
23 21 13 23-2642	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	234.86	40.23
23 21 13 23-2643		**Tees** *(23 21 13 23-2624)*		
23 21 13 23-2644	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	89.62	19.84
23 21 13 23-2645	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	99.54	23.96
23 21 13 23-2646	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	144.35	31.65
23 21 13 23-2647	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	237.77	47.92
23 21 13 23-2648	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	350.26	59.52
23 21 13 23-2649		**Reducing Tees** *(23 21 13 23-2624)*		
23 21 13 23-2650	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	102.09	22.29
23 21 13 23-2651	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	143.27	25.97
23 21 13 23-2652	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.61	28.20
23 21 13 23-2653	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	252.33	40.12
23 21 13 23-2654	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	378.35	53.50
23 21 13 23-2655		**Socket Weld Reducing Couplings** *(23 21 13 23-2624)*		
23 21 13 23-2656	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	54.79	14.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2657	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	70.30	16.38
23 21 13 23-2658	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	77.31	18.62
23 21 13 23-2659	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	118.21	22.29
23 21 13 23-2660	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	126.36	24.52
23 21 13 23-2661	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	128.58	25.97
23 21 13 23-2662	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	181.20	36.44
23 21 13 23-2663		**Male Adapters, Socket Weld X Male Thread** *(23 21 13 23-2624)*		
23 21 13 23-2664	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	77.88	12.04
23 21 13 23-2665	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	99.41	15.94
23 21 13 23-2666	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	114.49	19.84
23 21 13 23-2667	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.89	31.65
23 21 13 23-2668	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	199.49	40.12
23 21 13 23-2669		**Female Adapters, Socket Weld X Female Thread** *(23 21 13 23-2624)*		
23 21 13 23-2670	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	77.88	12.04
23 21 13 23-2671	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	99.70	15.94
23 21 13 23-2672	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	114.49	19.84
23 21 13 23-2673	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.89	31.65
23 21 13 23-2674	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	199.54	40.23
23 21 13 23-2675		**Socket Weld Couplings** *(23 21 13 23-2624)*		
23 21 13 23-2676	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	39.17	12.04
23 21 13 23-2677	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	50.25	15.94
23 21 13 23-2678	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	65.04	19.84
23 21 13 23-2679	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	120.90	31.65
23 21 13 23-2680	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	166.20	40.23
23 21 13 23-2681		**Socket Weld Unions** *(23 21 13 23-2624)*		
23 21 13 23-2682	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	161.11	19.84
23 21 13 23-2683	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	193.06	23.96
23 21 13 23-2684	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	278.28	31.65
23 21 13 23-2685	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	488.69	47.92
23 21 13 23-2686	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	602.02	59.52
23 21 13 23-2687		**Caps** *(23 21 13 23-2624)*		
23 21 13 23-2688	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	29.95	5.99
23 21 13 23-2689	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	42.37	7.98
23 21 13 23-2690	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.26	9.87
23 21 13 23-2691	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	94.36	15.80
23 21 13 23-2692	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	134.08	20.04
23 21 13 23-2693		**150 Lb. Socket Weld Flanges** *(23 21 13 23-2624)*		
23 21 13 23-2694	EA	1/2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.12	20.06
23 21 13 23-2695	EA	3/4" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	137.68	23.74
23 21 13 23-2696	EA	1" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	181.36	31.99
23 21 13 23-2697	EA	1-1/2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	261.23	48.37
23 21 13 23-2698	EA	2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	414.12	59.52
23 21 13 23-2699		**Polyethylene Pipe And Fittings** *(23 21 13 23)*		
23 21 13 23-2700		**Small Diameter Tubing** *(23 21 13 23-2699)*		
23 21 13 23-2701		**Tubing** *(23 21 13 23-2700)*		
23 21 13 23-2702	LF	1/4" Polyethylene Tubing	3.59	
		For Work In Restricted Working Space, Add	*1.01*	
23 21 13 23-2703	LF	5/16" Polyethylene Tubing	3.86	
		For Work In Restricted Working Space, Add	*1.03*	
23 21 13 23-2704	LF	3/8" Polyethylene Tubing	4.06	
		For Work In Restricted Working Space, Add	*1.05*	
23 21 13 23-2705	LF	1/2" Polyethylene Tubing	4.21	
		For Work In Restricted Working Space, Add	*1.14*	
23 21 13 23-2706		**Female Copper Thread x Straight Compression Connection** *(23 21 13 23-2700)* Note: Ford C04.		
23 21 13 23-2707	EA	3/4" Copper X 3/4" P.E. Straight Compression Connection	29.38	8.47
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-2708	EA	3/4" Copper X 1" P.E. Straight Compression Connection	33.75	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-2709	EA	1" Copper X 1" P.E. Straight Compression Connection	39.57	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2710	EA	1-1/4" Copper X 1" P.E. Straight Compression Connection	45.70	11.49
		For Work In Restricted Working Space, Add	*6.90*	
23 21 13 23-2711	EA	1-1/4" Copper X 1-1/4" P.E. Straight Compression Connection	51.83	12.10
		For Work In Restricted Working Space, Add	*7.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2712	EA	1-1/2" Copper X 1-1/2" P.E. Straight Compression Connection	70.64	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2713	EA	2" Copper X 2" P.E. Straight Compression Connection	81.51	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2714 Female Copper Thread x Compression Connection *(23 21 13 23-2700)*

Note: Ford L04.

23 21 13 23-2715	EA	3/4" Copper X 3/4" P.E. Compression Connection	34.89	8.47
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-2716	EA	3/4" Copper X 1" P.E. Compression Connection	40.90	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-2717	EA	1" Copper X 1" P.E. Compression Connection	48.71	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2718	EA	1-1/2" Copper X 1-1/2" P.E. Compression Connection	88.79	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2719	EA	2" Copper X 2" P.E. Compression Connection	100.76	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2720 Male Iron Pipe Thread x Straight Compression Connection *(23 21 13 23-2700)*

Note: Ford C84.

23 21 13 23-2721	EA	3/4" M.I.P. X 3/4" P.E. Straight Compression Connection	30.96	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-2722	EA	3/4" M.I.P. X 1" P.E. Straight Compression Connection	32.00	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-2723	EA	1" M.I.P. X 1" P.E. Straight Compression Connection	35.50	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2724	EA	1-1/4" M.I.P. X 1-1/4" P.E. Straight Compression Connection	48.25	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 21 13 23-2725	EA	1-1/2" M.I.P. X 1-1/2" P.E. Straight Compression Connection	61.05	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2726	EA	2" M.I.P. X 2" P.E. Straight Compression Connection	79.21	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2727 Male Iron Pipe Thread x Compression Connection *(23 21 13 23-2700)*

Note: Ford L84.

23 21 13 23-2728	EA	3/4" M.I.P. X 3/4" P.E. Compression Connection	29.02	9.69
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-2729	EA	3/4" M.I.P. X 1" P.E. Compression Connection	35.83	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-2730	EA	1" M.I.P. X 1" P.E. Compression Connection	42.64	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2731	EA	1-1/2" M.I.P. X 1-1/2" P.E. Compression Connection	82.79	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2732	EA	2" M.I.P. X 2" P.E. Compression Connection	109.53	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2733 Straight Couplings, Compression Connection *(23 21 13 23-2700)*

Note: Ford C44.

23 21 13 23-2734	EA	3/4" X 3/4" Compression Connection	31.12	8.47
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-2735	EA	1" X 1" Compression Connection	37.24	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2736	EA	1-1/4" X 1-1/4" Compression Connection	64.36	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 21 13 23-2737	EA	1-1/2" X 1-1/2" Compression Connection	76.08	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2738	EA	2" X 2" Compression Connection	95.84	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2739 Elbow Couplings x Compression Connection *(23 21 13 23-2700)*

Note: Ford L44.

23 21 13 23-2740	EA	3/4" X 3/4" Compression Connection	34.35	8.47
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-2741	EA	1" X 1" Compression Connection	44.13	10.89
		For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2742	EA	1-1/2" X 1-1/2" Compression Connection	95.52	13.31
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2743	EA	2" X 2" Compression Connection	168.45	14.52
		For Work In Restricted Working Space, Add	*8.72*	

23 21 13 23-2744 Stainless Steel Insert Stiffeners *(23 21 13 23-2700)*

Note: Ford insert.

23 21 13 23-2745	EA	3/4" Stainless Steel Insert Stiffeners	8.33	2.54
		For Work In Restricted Working Space, Add	*1.51*	
23 21 13 23-2746	EA	1" Stainless Steel Insert Stiffeners	10.60	2.91
		For Work In Restricted Working Space, Add	*1.75*	
23 21 13 23-2747	EA	1-1/4" Stainless Steel Insert Stiffeners	14.91	3.15
		For Work In Restricted Working Space, Add	*1.89*	
23 21 13 23-2748	EA	1-1/2" Stainless Steel Insert Stiffeners	18.59	3.39
		For Work In Restricted Working Space, Add	*2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2749	EA	2" Stainless Steel Insert Stiffeners	28.69	3.75
		For Work In Restricted Working Space, Add	*2.27*	
23 21 13 23-2750		**Flanged Lead Corporation Stop Coupling** *(23 21 13 23-2700)*		
		Note: Lead flange x copper tube thread (Mueller)		
23 21 13 23-2751	EA	3/4" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	60.76	14.52
		For Work In Restricted Working Space, Add	*8.72*	
23 21 13 23-2752	EA	1" x 3/4" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	81.87	15.13
		For Work In Restricted Working Space, Add	*9.08*	
23 21 13 23-2753	EA	1" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	84.28	16.34
		For Work In Restricted Working Space, Add	*9.80*	
23 21 13 23-2754	EA	1-1/4" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	127.29	18.15
		For Work In Restricted Working Space, Add	*10.89*	
23 21 13 23-2755	EA	1-1/2" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	171.05	19.36
		For Work In Restricted Working Space, Add	*11.62*	
23 21 13 23-2756	EA	2" Flanged Lead Corporation Stop Couplings, XS Lead Flange X Copper Tube Thread (H-15505)	292.10	21.18
		For Work In Restricted Working Space, Add	*12.71*	
23 21 13 23-2757	EA	2" Flanged Lead Corporation Stop Couplings, XXS Lead Flange X Copper Tube Thread (H-15510)	361.16	23.60
		For Work In Restricted Working Space, Add	*14.16*	
23 21 13 23-2758		**Chrome Plated Pipe** *(23 21 13 23)*		
23 21 13 23-2759		**Chrome Plated Nipples** *(23 21 13 23-2758)*		
23 21 13 23-2760		**Close** *(23 21 13 23-2759)*		
23 21 13 23-2761	EA	1/4" Diameter Chrome Plated Nipple, Close	21.29	9.69
23 21 13 23-2762	EA	3/8" Diameter Chrome Plated Nipple, Close	20.45	10.52
23 21 13 23-2763	EA	1/2" Diameter Chrome Plated Nipple, Close	25.34	12.10
23 21 13 23-2764	EA	3/4" Diameter Chrome Plated Nipple, Close	33.21	15.37
23 21 13 23-2765	EA	1" Diameter Chrome Plated Nipple, Close	44.45	20.21
23 21 13 23-2766	EA	1-1/4" Diameter Chrome Plated Nipple, Close	62.92	28.20
23 21 13 23-2767	EA	1-1/2" Diameter Chrome Plated Nipple, Close	76.68	33.03
23 21 13 23-2768	EA	2" Diameter Chrome Plated Nipple, Close	98.73	41.14
23 21 13 23-2769		**1-1/2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2770	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	22.72	10.05
23 21 13 23-2771	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple	21.58	10.89
23 21 13 23-2772	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple	25.98	12.46
23 21 13 23-2773	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	34.37	15.73
23 21 13 23-2774		**2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2775	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple	23.63	10.52
23 21 13 23-2776	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple	22.33	11.25
23 21 13 23-2777	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple	27.94	12.95
23 21 13 23-2778	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple	36.05	16.10
23 21 13 23-2779	EA	1" Diameter, 2" Length, Chrome Plated Nipple	46.99	20.94
23 21 13 23-2780	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple	67.05	29.05
23 21 13 23-2781	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple	81.44	33.88
23 21 13 23-2782		**2-1/2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2783	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	24.98	10.89
23 21 13 23-2784	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple	23.14	11.74
23 21 13 23-2785	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	29.15	13.31
23 21 13 23-2786	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	36.93	16.58
23 21 13 23-2787	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple	48.32	21.42
23 21 13 23-2788	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	70.98	29.41
23 21 13 23-2789	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	86.68	34.25
23 21 13 23-2790	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple	110.19	42.36
23 21 13 23-2791		**3" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2792	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple	26.01	11.25
23 21 13 23-2793	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple	24.49	12.10
23 21 13 23-2794	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple	28.74	12.95
23 21 13 23-2795	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple	39.80	16.95
23 21 13 23-2796	EA	1" Diameter, 3" Length, Chrome Plated Nipple	54.14	21.78
23 21 13 23-2797	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple	75.27	29.89
23 21 13 23-2798	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple	99.00	34.73
23 21 13 23-2799	EA	2" Diameter, 3" Length, Chrome Plated Nipple	119.84	42.84
23 21 13 23-2800		**3-1/2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2801	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	27.19	11.74
23 21 13 23-2802	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple	26.79	12.46
23 21 13 23-2803	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	31.67	14.16
23 21 13 23-2804	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	44.04	17.30
23 21 13 23-2805	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple	56.42	22.15
23 21 13 23-2806	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	83.68	30.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2807	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	102.69	35.09
23 21 13 23-2808	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple	127.53	43.20
23 21 13 23-2809		**4" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2810	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple	28.35	12.10
23 21 13 23-2811	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple	27.45	12.95
23 21 13 23-2812	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple	31.94	13.67
23 21 13 23-2813	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple	45.73	17.78
23 21 13 23-2814	EA	1" Diameter, 4" Length, Chrome Plated Nipple	58.58	22.63
23 21 13 23-2815	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple	90.08	30.61
23 21 13 23-2816	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple	110.29	35.46
23 21 13 23-2817	EA	2" Diameter, 4" Length, Chrome Plated Nipple	136.90	43.57
23 21 13 23-2818		**4-1/2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2819	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	29.40	12.46
23 21 13 23-2820	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple	29.75	13.31
23 21 13 23-2821	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	35.01	14.89
23 21 13 23-2822	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	47.67	18.15
23 21 13 23-2823	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple	65.99	23.00
23 21 13 23-2824	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	96.22	31.10
23 21 13 23-2825	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	113.70	35.94
23 21 13 23-2826	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple	145.53	44.05
23 21 13 23-2827		**5" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2828	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple	32.91	12.95
23 21 13 23-2829	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple	31.21	13.67
23 21 13 23-2830	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple	36.27	15.37
23 21 13 23-2831	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple	49.52	18.51
23 21 13 23-2832	EA	1" Diameter, 5" Length, Chrome Plated Nipple	70.49	23.36
23 21 13 23-2833	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple	101.82	31.46
23 21 13 23-2834	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple	121.31	36.31
23 21 13 23-2835	EA	2" Diameter, 5" Length, Chrome Plated Nipple	151.11	44.41
23 21 13 23-2836		**5-1/2" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2837	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	34.00	13.31
23 21 13 23-2838	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple	32.34	14.16
23 21 13 23-2839	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	39.77	15.73
23 21 13 23-2840	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	51.37	19.00
23 21 13 23-2841	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple	72.87	23.83
23 21 13 23-2842	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	108.58	31.82
23 21 13 23-2843	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	127.38	36.67
23 21 13 23-2844	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple	158.22	44.77
23 21 13 23-2845		**6" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2846	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple	35.27	13.67
23 21 13 23-2847	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple	32.99	14.52
23 21 13 23-2848	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple	40.93	16.10
23 21 13 23-2849	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple	52.89	19.36
23 21 13 23-2850	EA	1" Diameter, 6" Length, Chrome Plated Nipple	80.06	24.20
23 21 13 23-2851	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple	112.74	32.31
23 21 13 23-2852	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple	136.74	37.15
23 21 13 23-2853	EA	2" Diameter, 6" Length, Chrome Plated Nipple	164.74	45.25
23 21 13 23-2854		**8" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2855	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple	39.37	15.37
23 21 13 23-2856	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple	58.28	16.95
23 21 13 23-2857	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple	70.87	20.21
23 21 13 23-2858	EA	1" Diameter, 8" Length, Chrome Plated Nipple	94.21	25.05
23 21 13 23-2859	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple	135.21	33.03
23 21 13 23-2860	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple	166.13	37.87
23 21 13 23-2861	EA	2" Diameter, 8" Length, Chrome Plated Nipple	204.71	45.98
23 21 13 23-2862		**10" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2863	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple	45.46	15.37
23 21 13 23-2864	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple	65.96	16.95
23 21 13 23-2865	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple	79.75	20.21
23 21 13 23-2866	EA	1" Diameter, 10" Length, Chrome Plated Nipple	107.65	25.05
23 21 13 23-2867	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple	163.98	33.03
23 21 13 23-2868	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple	188.04	37.87
23 21 13 23-2869	EA	2" Diameter, 10" Length, Chrome Plated Nipple	239.74	45.98
23 21 13 23-2870		**12" Nipples** *(23 21 13 23-2759)*		
23 21 13 23-2871	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple	50.73	16.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2872	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple	69.04	17.78
23 21 13 23-2873	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple	88.11	20.94
23 21 13 23-2874	EA	1" Diameter, 12" Length, Chrome Plated Nipple	126.42	26.62
23 21 13 23-2875	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple	184.03	34.73
23 21 13 23-2876	EA	2" Diameter, 12" Length, Chrome Plated Nipple	270.21	47.68
23 21 13 23-2877		18" Nipples *(23 21 13 23-2759)*		
23 21 13 23-2878	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple	64.76	17.78
23 21 13 23-2879		24" Nipples *(23 21 13 23-2759)*		
23 21 13 23-2880	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple	78.18	18.51
23 21 13 23-2881		30" Nipples *(23 21 13 23-2759)*		
23 21 13 23-2882	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple	86.75	19.36
23 21 13 23-2883		36" Nipples *(23 21 13 23-2759)*		
23 21 13 23-2884	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple	95.32	20.21
23 21 13 23-2885		Chrome Plated Fittings *(23 21 13 23-2758)*		
23 21 13 23-2886		Chrome Plated 90 Degree Elbows *(23 21 13 23-2885)*		
23 21 13 23-2887	EA	1/4" 90 Degree Elbow, Chrome Plated	27.19	11.25
23 21 13 23-2888	EA	3/8" 90 Degree Elbow, Chrome Plated	27.73	12.10
23 21 13 23-2889	EA	1/2" 90 Degree Elbow, Chrome Plated	31.20	12.95
23 21 13 23-2890	EA	3/4" 90 Degree Elbow, Chrome Plated	39.82	16.95
23 21 13 23-2891	EA	1" 90 Degree Elbow, Chrome Plated	54.07	21.78
23 21 13 23-2892	EA	1-1/4" 90 Degree Elbow, Chrome Plated	83.12	29.89
23 21 13 23-2893	EA	1-1/2" 90 Degree Elbow, Chrome Plated	99.84	34.73
23 21 13 23-2894	EA	2" 90 Degree Elbow, Chrome Plated	136.65	42.84
23 21 13 23-2895		Chrome Plated Street 90 Degree Elbows *(23 21 13 23-2885)*		
23 21 13 23-2896	EA	1/4" Street 90 Degree Elbow, Chrome Plated	31.47	11.25
23 21 13 23-2897	EA	3/8" Street 90 Degree Elbow, Chrome Plated	32.44	12.10
23 21 13 23-2898	EA	1/2" Street 90 Degree Elbow, Chrome Plated	34.47	12.95
23 21 13 23-2899	EA	3/4" Street 90 Degree Elbow, Chrome Plated	44.65	16.95
23 21 13 23-2900	EA	1" Street 90 Degree Elbow, Chrome Plated	62.97	21.78
23 21 13 23-2901	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	92.25	29.89
23 21 13 23-2902	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	112.63	34.73
23 21 13 23-2903	EA	2" Street 90 Degree Elbow, Chrome Plated	166.74	42.84
23 21 13 23-2904		Chrome Plated 45 Degree Elbows *(23 21 13 23-2885)*		
23 21 13 23-2905	EA	1/4" 45 Degree Elbow, Chrome Plated	28.12	11.25
23 21 13 23-2906	EA	3/8" 45 Degree Elbow, Chrome Plated	29.09	12.10
23 21 13 23-2907	EA	1/2" 45 Degree Elbow, Chrome Plated	32.17	12.95
23 21 13 23-2908	EA	3/4" 45 Degree Elbow, Chrome Plated	43.51	16.95
23 21 13 23-2909	EA	1" 45 Degree Elbow, Chrome Plated	58.19	21.78
23 21 13 23-2910	EA	1-1/4" 45 Degree Elbow, Chrome Plated	88.08	29.89
23 21 13 23-2911	EA	1-1/2" 45 Degree Elbow, Chrome Plated	106.47	34.73
23 21 13 23-2912	EA	2" 45 Degree Elbow, Chrome Plated	154.85	42.84
23 21 13 23-2913		Chrome Plated Street 45 Degree Elbows *(23 21 13 23-2885)*		
23 21 13 23-2914	EA	1/2" Street 45 Degree Elbow, Chrome Plated	38.06	12.95
23 21 13 23-2915		Chrome Plated Couplings *(23 21 13 23-2885)*		
23 21 13 23-2916	EA	1/4" Coupling, Chrome Plated	26.60	11.25
23 21 13 23-2917	EA	3/8" Coupling, Chrome Plated	27.81	12.10
23 21 13 23-2918	EA	1/2" Coupling, Chrome Plated	31.44	12.95
23 21 13 23-2919	EA	3/4" Coupling, Chrome Plated	39.92	16.95
23 21 13 23-2920	EA	1" Coupling, Chrome Plated	52.03	21.78
23 21 13 23-2921	EA	1-1/4" Coupling, Chrome Plated	75.71	29.89
23 21 13 23-2922	EA	1-1/2" Coupling, Chrome Plated	93.63	34.73
23 21 13 23-2923	EA	2" Coupling, Chrome Plated	129.06	42.84
23 21 13 23-2924		Chrome Plated Unions *(23 21 13 23-2885)*		
23 21 13 23-2925	EA	1/4" Union, Chrome Plated	42.67	12.95
23 21 13 23-2926	EA	3/8" Union, Chrome Plated	43.91	13.67
23 21 13 23-2927	EA	1/2" Union, Chrome Plated	53.07	15.37
23 21 13 23-2928	EA	3/4" Union, Chrome Plated	65.81	20.21
23 21 13 23-2929	EA	1" Union, Chrome Plated	83.24	25.77
23 21 13 23-2930	EA	1-1/4" Union, Chrome Plated	134.93	34.73
23 21 13 23-2931	EA	1-1/2" Union, Chrome Plated	168.00	41.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2932	EA	2" Union, Chrome Plated	219.21	50.10
23 21 13 23-2933		**Chrome Plated Caps** *(23 21 13 23-2885)*		
23 21 13 23-2934	EA	1/4" Cap, Chrome Plated	17.88	5.69
23 21 13 23-2935	EA	3/8" Cap, Chrome Plated	18.48	6.05
23 21 13 23-2936	EA	1/2" Cap, Chrome Plated	21.12	6.41
23 21 13 23-2937	EA	3/4" Cap, Chrome Plated	26.32	8.47
23 21 13 23-2938	EA	1" Cap, Chrome Plated	31.30	10.89
23 21 13 23-2939	EA	1-1/4" Cap, Chrome Plated	46.19	14.89
23 21 13 23-2940	EA	1-1/2" Cap, Chrome Plated	60.86	17.30
23 21 13 23-2941	EA	2" Cap, Chrome Plated	88.96	22.63
23 21 13 23-2942		**Chrome Plated Plugs** *(23 21 13 23-2885)*		
23 21 13 23-2943	EA	1/4" Plug, Chrome Plated	14.61	5.69
23 21 13 23-2944	EA	3/8" Plug, Chrome Plated	15.21	6.05
23 21 13 23-2945	EA	1/2" Plug, Chrome Plated	17.67	6.41
23 21 13 23-2946	EA	3/4" Plug, Chrome Plated	23.87	8.47
23 21 13 23-2947	EA	1" Plug, Chrome Plated	29.43	10.89
23 21 13 23-2948	EA	1-1/4" Plug, Chrome Plated	39.74	14.89
23 21 13 23-2949	EA	1-1/2" Plug, Chrome Plated	49.04	17.30
23 21 13 23-2950	EA	2" Plug, Chrome Plated	68.41	22.63
23 21 13 23-2951		**Chrome Plated Tees** *(23 21 13 23-2885)*		
23 21 13 23-2952	EA	1/4" Chrome Plated Tee	37.76	16.95
23 21 13 23-2953	EA	3/8" Chrome Plated Tee	40.18	18.51
23 21 13 23-2954	EA	1/2" Chrome Plated Tee	44.78	20.21
23 21 13 23-2955	EA	3/4" Chrome Plated Tee	55.78	25.05
23 21 13 23-2956	EA	1" Chrome Plated Tee	79.31	32.31
23 21 13 23-2957	EA	1-1/4" Chrome Plated Tee	109.33	44.41
23 21 13 23-2958	EA	1-1/2" Chrome Plated Tee	139.97	51.67
23 21 13 23-2959	EA	2" Chrome Plated Tee	192.01	63.78
23 21 13 23-2960		**Chrome Plated Reducing 90 Degree Elbows** *(23 21 13 23-2885)*		
23 21 13 23-2961	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	42.60	20.21
23 21 13 23-2962	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	49.86	25.05
23 21 13 23-2963		**Chrome Plated Bell Reducers** *(23 21 13 23-2885)*		
23 21 13 23-2964	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	46.56	20.21
23 21 13 23-2965	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	56.67	25.05
23 21 13 23-2966	EA	1" x 1/2" Bell Reducer, Chrome Plated	72.01	32.31
23 21 13 23-2967		**Chrome Plated Reducing Tees** *(23 21 13 23-2885)*		
23 21 13 23-2968	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	61.70	25.05
23 21 13 23-2969		**Chrome Plated Bushings** *(23 21 13 23-2885)*		
23 21 13 23-2970	EA	3/8" x 1/4" Bushing, Chrome Plated	14.51	5.69
23 21 13 23-2971	EA	1/2" x 1/4" Bushing, Chrome Plated	15.62	6.05
23 21 13 23-2972	EA	1/2" x 3/8" Bushing, Chrome Plated	16.24	6.41
23 21 13 23-2973	EA	3/4" x 1/2" Bushing, Chrome Plated	20.62	8.47
23 21 13 23-2974	EA	1" x 3/4" Bushing, Chrome Plated	30.06	10.89
23 21 13 23-2975	EA	1-1/4" x 1" Bushing, Chrome Plated	43.98	14.89
23 21 13 23-2976		**Aluminum Tubing Assemblies** *(23 21 13 23)* Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2977	LF	1/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	11.18	4.23
23 21 13 23-2978	LF	3/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	12.74	4.84
23 21 13 23-2979	LF	1/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	14.15	5.44
23 21 13 23-2980	LF	5/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	15.43	6.05
23 21 13 23-2981	LF	3/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	17.13	6.66
23 21 13 23-2982	LF	1/2" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	19.84	7.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2983	LF	5/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	23.29	8.36
23 21 13 23-2984	LF	3/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	29.04	9.47
23 21 13 23-2985	LF	7/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	33.81	10.59
23 21 13 23-2986	LF	1" Inside Diameter Aluminum Pipe/Tubing Assembly	41.22	11.15

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Air Vents *(23 21 16)*

23 21 16 00-0002 Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0003	EA	1/2" NPT, Cast Iron, Automatic Air Vent	330.57	35.11
23 21 16 00-0004	EA	3/4" NPT, Cast Iron, Automatic Air Vent	404.76	46.61
23 21 16 00-0005	EA	1" NPT, Cast Iron, Automatic Air Vent	921.70	48.43
23 21 16 00-0006	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,366.75	74.83
23 21 16 00-0007	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,278.15	80.52
23 21 16 00-0008	EA	2" NPT, Cast Iron, Automatic Air Vent	2,616.11	106.18

23 21 16 00-0009 Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0010	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,084.90	40.56
23 21 16 00-0011	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,612.90	46.61
23 21 16 00-0012	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,117.67	48.43
23 21 16 00-0013	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,115.25	75.07
23 21 16 00-0014	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,907.83	80.52
23 21 16 00-0015	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	8,685.16	105.94

23 21 16 00-0016 Automatic Air Vent *(23 21 16 00-0001)*

23 21 16 00-0017	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	256.37	46.61
23 21 16 00-0018	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	280.80	48.43
23 21 16 00-0019	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	397.40	74.83
23 21 16 00-0020	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	491.71	80.52
23 21 16 00-0021	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	628.27	86.76

23 21 16 00-0022 Manual Air Vent *(23 21 16 00-0001)*

23 21 16 00-0023	EA	Manual Air Vent	83.46	43.71

23 21 16 00-0024 Air Release Valves *(23 21 16 00-0001)*

23 21 16 00-0025 Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0024)*

Note: Up to 175 psi. Stainless steel float.

23 21 16 00-0026	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	203.53	18.16
23 21 16 00-0027	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	208.37	20.58
23 21 16 00-0028	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	218.06	25.42

23 21 16 00-0029 Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0024)*

Note: Up to 175 psi. Stainless steel float.

23 21 16 00-0030	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	832.20	25.42
23 21 16 00-0031	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	998.71	44.19
23 21 16 00-0032	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,309.84	103.05

23 21 16 00-0033 Cast Iron, Air/Vacuum Valves *(23 21 16 00-0024)*

Note: Up to 150 psi. Stainless steel float.

23 21 16 00-0034	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	402.58	18.16
23 21 16 00-0035	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	496.73	25.42
23 21 16 00-0036	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	858.05	44.19
23 21 16 00-0037	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,246.14	103.05
23 21 16 00-0038	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,949.28	172.97
23 21 16 00-0039	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	2,967.22	218.72

23 21 16 00-0040 Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice *(23 21 16 00-0024)*

Note: Up to 150 psi. Stainless Steel float.

23 21 16 00-0041	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	719.67	25.42
23 21 16 00-0042	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,104.87	44.19
23 21 16 00-0043	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	2,029.07	103.05
23 21 16 00-0044	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,631.36	172.97

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0045		**Vent Valves** *(23 21 16)*		
23 21 16 00-0046	EA	1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	84.58	18.16
23 21 16 00-0047	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	205.80	19.53
23 21 16 00-0048	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75)	196.13	19.53
23 21 16 00-0049	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	202.90	19.53
23 21 16 00-0050	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	262.15	19.53
23 21 16 00-0051	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	193.47	19.53
23 21 16 00-0052		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0053		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0054	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	261.21	30.56
		For Flanged Inlet, Add	*95.32*	
23 21 16 00-0055	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	296.50	36.21
		For Flanged Inlet, Add	*102.33*	
23 21 16 00-0056	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	371.92	41.87
		For Flanged Inlet, Add	*138.05*	
23 21 16 00-0057	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	548.99	47.53
		For Flanged Inlet, Add	*242.88*	
23 21 16 00-0058	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	621.18	56.58
		For Flanged Inlet, Add	*268.49*	
23 21 16 00-0059	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	859.93	71.30
		For Flanged Inlet, Add	*392.37*	
23 21 16 00-0060	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,912.65	93.93
		For Flanged Inlet, Add	*1,044.09*	
23 21 16 00-0061		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0062	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	738.24	30.56
		For Flanged Inlet, Add	*419.70*	
23 21 16 00-0063	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	893.90	36.21
		For Flanged Inlet, Add	*508.56*	
23 21 16 00-0064	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,283.50	41.87
		For Flanged Inlet, Add	*757.92*	
23 21 16 00-0065	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,306.40	47.53
		For Flanged Inlet, Add	*757.92*	
23 21 16 00-0066	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,889.33	56.58
		For Flanged Inlet, Add	*1,130.83*	
23 21 16 00-0067	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,945.91	71.30
		For Flanged Inlet, Add	*1,130.83*	
23 21 16 00-0068	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	3,232.98	93.93
		For Flanged Inlet, Add	*1,941.91*	
23 21 16 00-0069		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0070		**Screwed Ends, 250 Lb., Iron Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0071	EA	1/4" Or 3/8" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	84.35	13.56
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*11.62*	
23 21 16 00-0072	EA	1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	84.96	13.80
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*11.81*	
23 21 16 00-0073	EA	3/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	107.70	18.64
		For Galvanized Body, Add	*27.22*	
		For Work In Restricted Working Space, Add	*15.98*	
23 21 16 00-0074	EA	1" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	137.13	22.28
		For Galvanized Body, Add	*36.78*	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 16 00-0075	EA	1-1/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	179.47	27.55
		For Galvanized Body, Add	*50.39*	
		For Work In Restricted Working Space, Add	*23.61*	
23 21 16 00-0076	EA	1-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	206.13	29.67
		For Galvanized Body, Add	*60.69*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 16 00-0077	EA	2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	283.71	33.90
		For Galvanized Body, Add	*93.42*	
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0078	EA	2-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	541.10	42.38
		For Galvanized Body, Add	*210.01*	
		For Work In Restricted Working Space, Add	*36.32*	
23 21 16 00-0079	EA	3" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	700.09	53.03
		For Galvanized Body, Add	*274.37*	
		For Work In Restricted Working Space, Add	*45.41*	
23 21 16 00-0080		**Flanged, 125 Lb., Iron Body , Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0081	EA	1-1/2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	506.79	127.13
		For Galvanized Body, Add	*173.74*	
		For Work In Restricted Working Space, Add	*47.80*	
23 21 16 00-0082	EA	2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	577.82	161.40
		For Galvanized Body, Add	*188.01*	
		For Work In Restricted Working Space, Add	*60.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0083	EA	3" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,154.03	205.84
		For Galvanized Body, Add	*448.21*	
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0084	EA	4" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,449.67	345.08
		For Galvanized Body, Add	*508.63*	
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0085	EA	5" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,572.15	347.81
		For Galvanized Body, Add	*569.03*	
		For Work In Restricted Working Space, Add	*130.23*	
23 21 16 00-0086	EA	6" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,898.21	386.45
		For Galvanized Body, Add	*706.71*	
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0087	EA	8" Flanged, 125 Lb., Iron Body, Y-Type Strainer	3,397.16	493.80
		For Galvanized Body, Add	*1,391.87*	
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0088	EA	10" Flanged, 125 Lb., Iron Body, Y-Type Strainer	6,955.89	601.15
		For Galvanized Body, Add	*3,102.23*	
		For Work In Restricted Working Space, Add	*225.43*	
23 21 16 00-0089	EA	12" Flanged, 125 Lb., Iron Body, Y-Type Strainer	7,524.74	536.74
		For Galvanized Body, Add	*3,225.63*	
		For Work In Restricted Working Space, Add	*322.04*	

23 21 16 00-0090 Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0091	EA	1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	75.08	13.80
		For 300 Lb. Rating, Add	*60.74*	
		For Work In Restricted Working Space, Add	*11.81*	
23 21 16 00-0092	EA	3/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	99.71	18.64
		For 300 Lb. Rating, Add	*78.95*	
		For Work In Restricted Working Space, Add	*15.98*	
23 21 16 00-0093	EA	1" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	122.07	22.28
		For 300 Lb. Rating, Add	*99.45*	
		For Work In Restricted Working Space, Add	*19.07*	
23 21 16 00-0094	EA	1-1/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	166.59	27.55
		For 300 Lb. Rating, Add	*149.41*	
		For Work In Restricted Working Space, Add	*23.61*	
23 21 16 00-0095	EA	1-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	198.91	29.67
		For 300 Lb. Rating, Add	*194.06*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 16 00-0096	EA	2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	266.84	33.90
		For 300 Lb. Rating, Add	*288.95*	
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0097	EA	2-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	376.08	42.38
		For 300 Lb. Rating, Add	*433.50*	
		For Work In Restricted Working Space, Add	*36.32*	
23 21 16 00-0098	EA	3" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	680.06	53.03
		For 300 Lb. Rating, Add	*898.81*	
		For Work In Restricted Working Space, Add	*45.41*	
23 21 16 00-0099	EA	4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	1,185.02	63.57
		For 300 Lb. Rating, Add	*1,705.78*	
		For Work In Restricted Working Space, Add	*54.49*	

23 21 16 00-0100 Flanged, 150 Lb., Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With bolted cap.

23 21 16 00-0101	EA	2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	645.61	161.40
		For 300 Lb. Rating, Add	*266.29*	
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0102	EA	2-1/2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	672.33	175.56
		For 300 Lb. Rating, Add	*271.31*	
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0103	EA	3" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	775.40	205.84
		For 300 Lb. Rating, Add	*310.67*	
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0104	EA	4" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	1,690.55	345.08
		For 300 Lb. Rating, Add	*754.88*	
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0105	EA	6" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	2,391.90	386.45
		For 300 Lb. Rating, Add	*1,144.27*	
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0106	EA	8" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	3,868.05	493.80
		For 300 Lb. Rating, Add	*1,952.78*	
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0107	EA	10" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	12,432.75	601.15
		For 300 Lb. Rating, Add	*7,008.79*	
		For Work In Restricted Working Space, Add	*225.43*	

23 21 16 00-0108 Crimped Bronze Body, Class 125, Y-Type Strainers *(23 21 16 00-0069)*

Note: NIBCO

23 21 16 00-0109	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	187.21	12.10
		For Work In Restricted Working Space, Add	*8.17*	
23 21 16 00-0110	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	216.94	13.31
		For Work In Restricted Working Space, Add	*9.30*	
23 21 16 00-0111	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	310.01	15.13
		For Work In Restricted Working Space, Add	*11.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0112	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	417.08	16.10
		For Work In Restricted Working Space, Add	*12.25*	
23 21 16 00-0113	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	502.78	18.63
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0114	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	746.66	22.03
		For Work In Restricted Working Space, Add	*16.34*	
23 21 16 00-0115		**Crimped Bronze Body, 250 PSI, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0116	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	78.33	12.10
23 21 16 00-0117	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	95.42	13.31
23 21 16 00-0118	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	139.25	15.13
23 21 16 00-0119	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	169.87	16.10
23 21 16 00-0120	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	202.46	18.63
23 21 16 00-0121	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	265.50	22.03
23 21 16 00-0122		**Polyvinyl Chloride (PVC) Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0123		**Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers** *(23 21 16 00-0122)*		
23 21 16 00-0124	EA	1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	109.31	13.31
		For Work In Restricted Working Space, Add	*11.62*	
23 21 16 00-0125	EA	3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	130.91	18.27
		For Work In Restricted Working Space, Add	*15.61*	
23 21 16 00-0126	EA	1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	157.49	24.80
		For Work In Restricted Working Space, Add	*21.42*	
23 21 16 00-0127	EA	1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	234.30	26.62
		For Work In Restricted Working Space, Add	*22.87*	
23 21 16 00-0128	EA	1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	238.97	28.80
		For Work In Restricted Working Space, Add	*24.69*	
23 21 16 00-0129	EA	2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	278.85	32.67
		For Work In Restricted Working Space, Add	*27.95*	
23 21 16 00-0130	EA	2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	562.96	42.36
		For Work In Restricted Working Space, Add	*36.30*	
23 21 16 00-0131	EA	3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	565.60	53.00
		For Work In Restricted Working Space, Add	*45.38*	
23 21 16 00-0132	EA	4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	886.77	56.39
		For Work In Restricted Working Space, Add	*48.28*	
23 21 16 00-0133		**Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers** *(23 21 16 00-0122)*		
23 21 16 00-0134	EA	2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	459.71	75.63
		For Work In Restricted Working Space, Add	*45.38*	
23 21 16 00-0135	EA	2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	870.91	98.62
		For Work In Restricted Working Space, Add	*59.17*	
23 21 16 00-0136	EA	3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	897.38	205.72
		For Work In Restricted Working Space, Add	*77.24*	
23 21 16 00-0137	EA	4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,463.39	344.88
		For Work In Restricted Working Space, Add	*129.65*	
23 21 16 00-0138		**Cast Iron Body, Suction Diffusers** *(23 21 16)*		
		Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0139	EA	2" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	563.82	47.71
		For Work In Restricted Working Space, Add	*23.36*	
23 21 16 00-0140	EA	2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	591.89	52.91
		For Work In Restricted Working Space, Add	*25.95*	
23 21 16 00-0141	EA	2-1/2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	601.10	55.58
		For Work In Restricted Working Space, Add	*27.25*	
23 21 16 00-0142	EA	2-1/2" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,133.76	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0143	EA	3" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	620.63	64.65
		For Work In Restricted Working Space, Add	*31.65*	
23 21 16 00-0144	EA	3" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	703.25	64.65
		For Work In Restricted Working Space, Add	*31.65*	
23 21 16 00-0145	EA	3" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,186.51	191.11
		For Work In Restricted Working Space, Add	*71.66*	
23 21 16 00-0146	EA	3" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,210.11	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0147	EA	4" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,467.60	276.02
		For Work In Restricted Working Space, Add	*103.51*	
23 21 16 00-0148	EA	4" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,725.08	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0149	EA	6" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,979.46	347.27
		For Work In Restricted Working Space, Add	*130.23*	
23 21 16 00-0150	EA	6" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,394.63	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0151	EA	8" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,703.07	493.80
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0152	EA	8" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,204.69	493.80
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0153	EA	10" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,799.51	601.15
		For Work In Restricted Working Space, Add	*225.43*	
23 21 16 00-0154	EA	10" x 10" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	5,620.79	601.15
		For Work In Restricted Working Space, Add	*225.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0155		Duplex Strainers *(23 21 16)*		
23 21 16 00-0156		Iron Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0157		Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0156)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0158	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	971.36	30.15
		For Work In Restricted Working Space, Add	*18.10*	
23 21 16 00-0159	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,084.48	34.51
		For Work In Restricted Working Space, Add	*20.72*	
23 21 16 00-0160	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,471.34	40.56
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0161	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,853.50	44.19
		For Work In Restricted Working Space, Add	*26.52*	
23 21 16 00-0162	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	2,485.30	53.88
		For Work In Restricted Working Space, Add	*32.43*	
23 21 16 00-0163	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,127.28	69.02
		For Work In Restricted Working Space, Add	*41.40*	
23 21 16 00-0164		Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0156)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0165	EA	2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,380.89	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0166	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,494.14	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0167	EA	3" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	4,480.59	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0168	EA	4" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	7,026.26	305.94
		For Work In Restricted Working Space, Add	*115.01*	
23 21 16 00-0169	EA	6" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	13,770.55	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0170	EA	8" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	26,235.95	493.80
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0171	EA	10" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	36,243.38	601.15
		For Work In Restricted Working Space, Add	*225.43*	
23 21 16 00-0172	EA	12" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	40,993.89	757.88
		For Work In Restricted Working Space, Add	*454.87*	
23 21 16 00-0173	EA	14" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	48,902.20	858.78
		For Work In Restricted Working Space, Add	*322.04*	
23 21 16 00-0174	EA	16" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	61,156.51	944.66
		For Work In Restricted Working Space, Add	*354.25*	
23 21 16 00-0175		Bronze Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0176		Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0177	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	1,815.96	30.27
		For Work In Restricted Working Space, Add	*18.10*	
23 21 16 00-0178	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,014.48	34.51
		For Work In Restricted Working Space, Add	*20.72*	
23 21 16 00-0179	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,951.75	40.56
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0180	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	3,884.32	44.19
		For Work In Restricted Working Space, Add	*26.52*	
23 21 16 00-0181	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	5,019.08	53.88
		For Work In Restricted Working Space, Add	*32.43*	
23 21 16 00-0182	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	6,164.03	69.02
		For Work In Restricted Working Space, Add	*41.40*	
23 21 16 00-0183		Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0184	EA	2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,034.47	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0185	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,242.62	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0186	EA	3" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	9,937.24	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0187	EA	4" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	15,662.00	305.94
		For Work In Restricted Working Space, Add	*115.01*	
23 21 16 00-0188	EA	6" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	34,078.77	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0189		Cast Steel Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0190		Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0191	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	2,832.29	34.51
		For Work In Restricted Working Space, Add	*20.72*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0192	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	3,489.02	40.56
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0193	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	4,141.12	44.19
		For Work In Restricted Working Space, Add	*26.52*	
23 21 16 00-0194	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,016.13	53.88
		For Work In Restricted Working Space, Add	*32.43*	

23 21 16 00-0195 Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*

Note: With brass or stainless steel basket.

23 21 16 00-0196	EA	2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,155.89	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0197	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,865.04	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0198	EA	3" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	10,343.35	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0199	EA	4" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	15,166.57	305.94
		For Work In Restricted Working Space, Add	*115.01*	
23 21 16 00-0200	EA	6" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	25,906.36	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0201	EA	8" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	50,535.48	493.80
		For Work In Restricted Working Space, Add	*184.03*	

23 21 16 00-0202 Stainless Steel Body, Duplex Strainers *(23 21 16 00-0155)*

23 21 16 00-0203 Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*

Note: With stainless steel basket.

23 21 16 00-0204	EA	1" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,492.97	34.51
		For Work In Restricted Working Space, Add	*20.72*	
23 21 16 00-0205	EA	1-1/4" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	8,206.09	40.56
		For Work In Restricted Working Space, Add	*24.32*	
23 21 16 00-0206	EA	1-1/2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	9,902.68	44.19
		For Work In Restricted Working Space, Add	*26.52*	
23 21 16 00-0207	EA	2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	15,870.42	53.88
		For Work In Restricted Working Space, Add	*32.43*	

23 21 16 00-0208 Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*

Note: With stainless steel basket.

23 21 16 00-0209	EA	2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	16,618.40	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0210	EA	2-1/2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	17,469.48	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0211	EA	3" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	27,380.70	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0212	EA	4" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	33,454.50	305.94
		For Work In Restricted Working Space, Add	*115.01*	
23 21 16 00-0213	EA	6" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	58,775.62	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0214	EA	8" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	108,629.89	493.80
		For Work In Restricted Working Space, Add	*184.03*	

23 21 16 00-0215 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0216 Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0215)*

Note: For building services, 25 - 75 PSI, up to 300 Lb. rating

23 21 16 00-0217	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	238.51	15.13
		For Work In Restricted Working Space, Add	*18.15*	
23 21 16 00-0218	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	294.11	16.95
		For Work In Restricted Working Space, Add	*20.17*	
23 21 16 00-0219	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	387.50	18.15
		For Work In Restricted Working Space, Add	*21.35*	
23 21 16 00-0220	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	665.37	20.33
		For Work In Restricted Working Space, Add	*24.20*	
23 21 16 00-0221	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	903.39	24.20
		For Work In Restricted Working Space, Add	*29.04*	
23 21 16 00-0222	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,294.39	37.11
		For Work In Restricted Working Space, Add	*44.58*	
23 21 16 00-0223	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,407.93	41.80
		For Work In Restricted Working Space, Add	*50.16*	
23 21 16 00-0224	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,546.98	120.93
		For Work In Restricted Working Space, Add	*55.73*	

23 21 16 00-0225 Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0215)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0226 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*

23 21 16 00-0227	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	401.85	20.34
		For Work In Restricted Working Space, Add	*24.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0228	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	503.15	28.82
		For Work In Restricted Working Space, Add	*34.60*	
23 21 16 00-0229	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	646.77	35.11
		For Work In Restricted Working Space, Add	*42.24*	
23 21 16 00-0230	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	865.53	42.62
		For Work In Restricted Working Space, Add	*49.09*	
23 21 16 00-0231	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,162.07	48.43
		For Work In Restricted Working Space, Add	*55.88*	
23 21 16 00-0232	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,359.38	67.90
		For Work In Restricted Working Space, Add	*67.90*	

23 21 16 00-0233 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0234	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,134.66	164.09
		For Work In Restricted Working Space, Add	*61.73*	
23 21 16 00-0235	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,897.78	192.39
		For Work In Restricted Working Space, Add	*72.24*	
23 21 16 00-0236	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	5,013.30	322.53
		For Work In Restricted Working Space, Add	*121.25*	
23 21 16 00-0237	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	12,499.79	395.11
		For Work In Restricted Working Space, Add	*148.70*	

23 21 16 00-0238 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0215)*

23 21 16 00-0239 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0238)*

23 21 16 00-0240	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,271.77	14.77
		For Work In Restricted Working Space, Add	*22.16*	
23 21 16 00-0241	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,319.44	14.77
		For Work In Restricted Working Space, Add	*22.16*	
23 21 16 00-0242	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,471.21	18.64
		For Work In Restricted Working Space, Add	*27.97*	
23 21 16 00-0243	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,904.45	23.73
		For Work In Restricted Working Space, Add	*35.60*	
23 21 16 00-0244	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,325.12	27.36
		For Work In Restricted Working Space, Add	*41.05*	
23 21 16 00-0245	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,122.58	32.20
		For Work In Restricted Working Space, Add	*48.31*	

23 21 16 00-0246 Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0238)*

23 21 16 00-0247	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,094.14	164.09
		For Work In Restricted Working Space, Add	*61.73*	
23 21 16 00-0248	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	6,283.73	192.39
		For Work In Restricted Working Space, Add	*72.24*	
23 21 16 00-0249	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,518.90	322.53
		For Work In Restricted Working Space, Add	*121.25*	
23 21 16 00-0250	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	20,944.19	395.11
		For Work In Restricted Working Space, Add	*148.70*	

23 21 16 00-0251 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0215)*

23 21 16 00-0252	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	267.78	15.73
23 21 16 00-0253	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	331.42	17.42
23 21 16 00-0254	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	439.51	18.51
23 21 16 00-0255	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	761.51	21.06
23 21 16 00-0256	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,035.98	25.17
23 21 16 00-0257	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,482.79	38.57
23 21 16 00-0258	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,606.37	42.02
23 21 16 00-0259	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,770.80	48.37

23 21 16 00-0260 Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0215)*

Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).

23 21 16 00-0261	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	218.59	15.13
23 21 16 00-0262	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	240.15	16.95
23 21 16 00-0263	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	299.74	18.75
23 21 16 00-0264	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	719.90	20.33
23 21 16 00-0265	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	779.27	24.20
23 21 16 00-0266	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,224.96	37.11

23 21 16 00-0267 Plastic Pressure Regulator *(23 21 16 00-0215)*

23 21 16 00-0268 Polyvinyl Chloride (PVC) Pressure Regulator Valves *(23 21 16 00-0267)*

23 21 16 00-0269	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	274.11	18.15
23 21 16 00-0270	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	304.23	25.17
23 21 16 00-0271	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	538.23	30.26
23 21 16 00-0272	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	608.17	40.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0273	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	718.83	48.41
23 21 16 00-0274	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	882.80	75.63
23 21 16 00-0275		**Polypropylene Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0276	EA	1/4" Polypropylene Pressure Regulator Valve	348.75	18.15
23 21 16 00-0277	EA	1/2" Polypropylene Pressure Regulator Valve	428.64	25.41
23 21 16 00-0278	EA	3/4" Polypropylene Pressure Regulator Valve	656.67	30.26
23 21 16 00-0279	EA	1" Polypropylene Pressure Regulator Valve	777.37	40.42
23 21 16 00-0280	EA	1-1/2" Polypropylene Pressure Regulator Valve	907.93	48.41
23 21 16 00-0281	EA	2" Polypropylene Pressure Regulator Valve	1,125.65	75.63
23 21 16 00-0282		**Teflon (PTFE) Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0283	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	741.89	18.15
23 21 16 00-0284	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	851.63	25.17
23 21 16 00-0285	EA	3/4" Teflon Pressure Regulator Valve	1,433.99	30.26
23 21 16 00-0286	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,981.65	40.42
23 21 16 00-0287	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,390.90	48.41
23 21 16 00-0288	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,346.12	75.63
23 21 16 00-0289		**Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0290	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	244.85	18.15
23 21 16 00-0291	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	281.48	25.17
23 21 16 00-0292	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	451.43	30.26
23 21 16 00-0293	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	536.91	40.30
23 21 16 00-0294	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	625.16	48.41
23 21 16 00-0295		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0296	EA	1/2" Dual Unit Reducing And Relief Valve	246.20	36.93
23 21 16 00-0297		**Safety Relief Valve** *(23 21 16)*		
		Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0298		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0297)*		
		Note: Variable set points to 150 PSIG pressure, 210 Degree F temperature range.		
23 21 16 00-0299	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	87.86	15.13
23 21 16 00-0300	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	124.17	16.64
23 21 16 00-0301	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	181.50	20.27
23 21 16 00-0302	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	237.36	21.48
23 21 16 00-0303	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	327.32	28.74
23 21 16 00-0304	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	441.73	33.88
23 21 16 00-0305	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	498.66	42.36
23 21 16 00-0306		**Plastic Pressure Relief Valves** *(23 21 16 00-0297)*		
23 21 16 00-0307		**Polyvinyl Chloride (PVC) Pressure Relief Valves** *(23 21 16 00-0306)*		
23 21 16 00-0308	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	226.00	18.15
23 21 16 00-0309	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	249.49	25.41
23 21 16 00-0310	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	466.91	30.26
23 21 16 00-0311	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	553.43	40.54
23 21 16 00-0312	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	718.83	48.41
23 21 16 00-0313	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	897.73	75.63
23 21 16 00-0314		**Polypropylene Pressure Relief Valves** *(23 21 16 00-0306)*		
23 21 16 00-0315	EA	1/4" Polypropylene Pressure Relief Valve	259.18	18.15
23 21 16 00-0316	EA	1/2" Polypropylene Pressure Relief Valve	299.25	25.17
23 21 16 00-0317	EA	3/4" Polypropylene Pressure Relief Valve	583.02	30.26
23 21 16 00-0318	EA	1" Polypropylene Pressure Relief Valve	677.84	40.42
23 21 16 00-0319	EA	1-1/2" Polypropylene Pressure Relief Valve	1,191.59	48.41
23 21 16 00-0320	EA	2" Polypropylene Pressure Relief Valve	1,461.72	75.63
23 21 16 00-0321		**Teflon (PTFE) Pressure Relief Valves** *(23 21 16 00-0306)*		
23 21 16 00-0322	EA	1/4" Teflon (PTFE) Pressure Relief Valve	458.23	18.15
23 21 16 00-0323	EA	1/2" Teflon (PTFE) Pressure Relief Valve	506.60	25.17
23 21 16 00-0324	EA	3/4" Teflon (PTFE) Pressure Relief Valve	956.25	30.26
23 21 16 00-0325	EA	1" Teflon (PTFE) Pressure Relief Valve	1,125.71	40.42
23 21 16 00-0326	EA	1-1/2" Teflon (PTFE) Pressure Relief Valve	1,838.52	48.41
23 21 16 00-0327	EA	2" Teflon (PTFE) Pressure Relief Valve	2,374.06	75.63
23 21 16 00-0328		**Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves** *(23 21 16 00-0306)*		
23 21 16 00-0329	EA	1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	235.65	25.17
23 21 16 00-0330	EA	3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	269.13	30.26
23 21 16 00-0331	EA	1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	328.30	40.30
23 21 16 00-0332	EA	1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	420.45	48.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0333	EA	2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	534.40	75.63
23 21 16 00-0334		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0335	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	101.08	30.85
		For Cast Iron Body, Add	*63.31*	
23 21 16 00-0336	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	131.06	37.03
		For Cast Iron Body, Add	*88.20*	
23 21 16 00-0337	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	193.05	49.37
		For Cast Iron Body, Add	*140.48*	
23 21 16 00-0338	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	325.27	52.88
		For Cast Iron Body, Add	*298.54*	
23 21 16 00-0339	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	553.65	59.29
		For Cast Iron Body, Add	*571.09*	
23 21 16 00-0340	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	636.81	85.27
		For Cast Iron Body, Add	*621.88*	
23 21 16 00-0341		**Thermostatic Radiator Valves** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0342	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	98.20	19.53
23 21 16 00-0343	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	119.03	26.32
23 21 16 00-0344	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	159.07	31.87
23 21 16 00-0345	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	248.49	40.37
23 21 16 00-0346	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	98.20	19.53
23 21 16 00-0347	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	119.03	26.32
23 21 16 00-0348	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	159.07	31.87
23 21 16 00-0349	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	248.49	40.37
23 21 16 00-0350	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	101.24	15.14
23 21 16 00-0351	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	171.12	21.19
23 21 16 00-0352		**Radiator Trap Repair Kits** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0353	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	156.13	
23 21 16 00-0354	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	195.14	
23 21 16 00-0355	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	198.07	
23 21 16 00-0356	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	225.11	
23 21 16 00-0357	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	533.80	
23 21 16 00-0358		**Horizontal Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0359	EA	10 Gallon Horizontal Steel Expansion Tank	705.28	121.08
23 21 16 00-0360	EA	15 Gallon Horizontal Steel Expansion Tank	997.38	151.35
23 21 16 00-0361	EA	30 Gallon Horizontal Steel Expansion Tank	1,306.88	181.62
23 21 16 00-0362	EA	40 Gallon Horizontal Steel Expansion Tank	1,504.40	211.89
23 21 16 00-0363	EA	60 Gallon Horizontal Steel Expansion Tank	1,730.46	214.70
23 21 16 00-0364		**Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0365	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,598.20	90.81
23 21 16 00-0366	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,669.63	105.94
23 21 16 00-0367	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,486.89	121.08
23 21 16 00-0368	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,589.81	136.22
23 21 16 00-0369	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,508.77	151.35
23 21 16 00-0370	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,701.28	166.48
23 21 16 00-0371	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,399.87	181.62
23 21 16 00-0372	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,708.62	196.75
23 21 16 00-0373	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,189.29	211.89
23 21 16 00-0374	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,337.01	242.16
23 21 16 00-0375	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,693.05	272.43
23 21 16 00-0376	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,673.76	302.70
23 21 16 00-0377	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,908.73	363.23
23 21 16 00-0378		**Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0379	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,820.98	90.81
23 21 16 00-0380	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,880.30	105.94
23 21 16 00-0381	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,690.30	121.08
23 21 16 00-0382	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,873.12	136.22
23 21 16 00-0383	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,651.63	151.35
23 21 16 00-0384	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,841.72	166.48
23 21 16 00-0385	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,683.19	181.62
23 21 16 00-0386	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,062.16	196.75
23 21 16 00-0387	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,598.53	211.89
23 21 16 00-0388	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,738.98	242.16
23 21 16 00-0389	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,058.70	272.43
23 21 16 00-0390	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,189.54	302.70
23 21 16 00-0391	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,434.19	363.23

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0392		**Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)*		
23 21 16 00-0393	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	106.89	11.15
23 21 16 00-0394	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	153.53	11.15
23 21 16 00-0395		**Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)*		
23 21 16 00-0396	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,271.60	363.36
23 21 16 00-0397	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,327.03	363.36
23 21 16 00-0398	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,382.45	363.36
23 21 16 00-0399	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,526.54	363.36
23 21 16 00-0400	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,818.14	484.20
23 21 16 00-0401	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,149.91	484.44
23 21 16 00-0402	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,215.74	484.44
23 21 16 00-0403	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,281.58	484.44
23 21 16 00-0404	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,904.44	605.40
23 21 16 00-0405	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	8,486.09	605.40
23 21 16 00-0406	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	10,798.48	726.24
23 21 16 00-0407		**ASME Construction Compression Tanks** *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21 16 00-0408	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,540.94	213.10
		For Galvanized Steel Tanks, Add	*609.04*	
23 21 16 00-0409	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,568.98	219.16
		For Galvanized Steel Tanks, Add	*618.01*	
23 21 16 00-0410	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,723.17	226.42
		For Galvanized Steel Tanks, Add	*689.66*	
23 21 16 00-0411	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,897.68	234.89
		For Galvanized Steel Tanks, Add	*770.25*	
23 21 16 00-0412	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	2,238.28	248.21
		For Galvanized Steel Tanks, Add	*931.47*	
23 21 16 00-0413	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	2,325.16	257.90
		For Galvanized Steel Tanks, Add	*967.29*	
23 21 16 00-0414	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	2,914.74	280.91
		For Galvanized Steel Tanks, Add	*1,244.95*	
23 21 16 00-0415	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	3,179.63	301.49
		For Galvanized Steel Tanks, Add	*1,361.36*	
23 21 16 00-0416	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	3,988.74	340.24
		For Galvanized Steel Tanks, Add	*1,736.76*	
23 21 16 00-0417	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	5,104.66	389.88
		For Galvanized Steel Tanks, Add	*2,257.01*	
23 21 16 00-0418	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	6,146.98	432.25
		For Galvanized Steel Tanks, Add	*2,746.25*	
23 21 16 00-0419	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	6,724.21	469.79
		For Galvanized Steel Tanks, Add	*3,005.99*	
23 21 16 00-0420	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	8,566.48	515.80
		For Galvanized Steel Tanks, Add	*3,892.66*	
23 21 16 00-0421	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	8,820.56	550.91
		For Galvanized Steel Tanks, Add	*3,992.76*	
23 21 16 00-0422	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	11,475.43	592.08
		For Galvanized Steel Tanks, Add	*5,289.27*	
23 21 16 00-0423	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	19,380.78	695.00
		For Galvanized Steel Tanks, Add	*9,163.96*	
23 21 16 00-0424		**Compression Tank Air Fittings** *(23 21 16)*		
23 21 16 00-0425	EA	9" To 24" Diameter Compression Tank Air Fittings	258.67	33.90
23 21 16 00-0426	EA	>100 Gallon Compression Tank Air Fittings	848.38	39.96
23 21 16 00-0427		**Vortex Air Separators With Strainer** *(23 21 16)*		
		Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0428	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	2,026.81	257.90
		For 300 PSIG, Add	*245.43*	
23 21 16 00-0429	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	2,520.35	295.43
		For 300 PSIG, Add	*310.79*	
23 21 16 00-0430	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	3,934.44	347.50
		For 300 PSIG, Add	*511.20*	
23 21 16 00-0431	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	4,207.76	368.09
		For 300 PSIG, Add	*547.51*	
23 21 16 00-0432	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	5,419.95	490.79
		For 300 PSIG, Add	*701.45*	
23 21 16 00-0433	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	6,857.75	583.98
		For 300 PSIG, Add	*896.06*	
23 21 16 00-0434	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	8,156.80	661.26
		For 300 PSIG, Add	*1,073.23*	
23 21 16 00-0435	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	11,832.96	793.30
		For 300 PSIG, Add	*1,594.60*	
23 21 16 00-0436	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	18,425.65	901.72
		For 300 PSIG, Add	*2,558.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0437	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	24,887.11	1,166.87
		For 300 PSIG, Add	*3,467.85*	
23 21 16 00-0438	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	52,516.41	1,416.99
		For 300 PSIG, Add	*7,555.42*	
23 21 16 00-0439	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	64,865.87	1,700.39
		For 300 PSIG, Add	*9,343.43*	
23 21 16 00-0440	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	84,788.89	1,983.79
		For 300 PSIG, Add	*12,267.47*	
23 21 16 00-0441	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	99,241.90	2,267.18
		For 300 PSIG, Add	*14,371.01*	

23 21 16 00-0442 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0443	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,707.31	257.90
		For 300 PSIG, Add	*197.51*	
23 21 16 00-0444	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	2,171.81	295.43
		For 300 PSIG, Add	*258.51*	
23 21 16 00-0445	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	3,847.30	347.50
		For 300 PSIG, Add	*498.13*	
23 21 16 00-0446	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	3,442.90	368.09
		For 300 PSIG, Add	*432.78*	
23 21 16 00-0447	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	4,616.36	490.79
		For 300 PSIG, Add	*580.91*	
23 21 16 00-0448	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	6,015.43	583.98
		For 300 PSIG, Add	*769.71*	
23 21 16 00-0449	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	7,014.34	661.26
		For 300 PSIG, Add	*901.86*	
23 21 16 00-0450	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	9,393.14	793.30
		For 300 PSIG, Add	*1,228.63*	
23 21 16 00-0451	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	13,207.14	901.72
		For 300 PSIG, Add	*1,776.13*	
23 21 16 00-0452	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	20,502.44	1,166.87
		For 300 PSIG, Add	*2,810.15*	
23 21 16 00-0453	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	35,285.69	1,416.99
		For 300 PSIG, Add	*4,970.81*	
23 21 16 00-0454	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	44,766.69	1,700.39
		For 300 PSIG, Add	*6,328.55*	
23 21 16 00-0455	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	60,048.37	1,983.79
		For 300 PSIG, Add	*8,556.39*	
23 21 16 00-0456	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	82,417.55	2,267.18
		For 300 PSIG, Add	*11,847.36*	
23 21 16 00-0457	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	101,079.61	2,550.58
		For 300 PSIG, Add	*14,582.26*	
23 21 16 00-0458	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	119,741.68	2,833.99
		For 300 PSIG, Add	*17,317.17*	

23 21 16 00-0459 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0460	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	3,708.95	294.47
23 21 16 00-0461	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	5,270.85	392.39
23 21 16 00-0462	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	6,680.91	466.75
23 21 16 00-0463	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	7,956.34	529.01
23 21 16 00-0464	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	11,573.13	634.81
23 21 16 00-0465	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	18,907.56	721.38
23 21 16 00-0466	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	28,896.00	933.61

23 21 16 00-0467 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0468	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	2,915.04	294.47
23 21 16 00-0469	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	4,467.26	392.39
23 21 16 00-0470	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	5,838.59	466.75
23 21 16 00-0471	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	6,813.88	529.01
23 21 16 00-0472	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	9,152.67	634.81
23 21 16 00-0473	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	13,611.59	721.38
23 21 16 00-0474	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	22,788.55	933.61

23 21 16 00-0475 Removable Head, Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDN.

23 21 16 00-0476	EA	2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,637.57	257.90
23 21 16 00-0477	EA	2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,941.69	295.43
23 21 16 00-0478	EA	3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,254.89	347.50
23 21 16 00-0479	EA	4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	6,029.48	532.76
23 21 16 00-0480	EA	5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	8,787.55	658.67
23 21 16 00-0481	EA	6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	11,291.89	745.85
23 21 16 00-0482	EA	8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	17,587.13	168.30
23 21 16 00-0483	EA	10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	25,915.59	1,017.07
23 21 16 00-0484	EA	12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	33,496.03	1,316.14

23 21 16 00-0485 Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDT.

23 21 16 00-0486	EA	2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,576.10	257.90

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0487	EA	2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,952.34	295.43
23 21 16 00-0488	EA	3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,339.29	320.12
23 21 16 00-0489	EA	4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,913.41	490.79
23 21 16 00-0490	EA	5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	5,679.26	583.98
23 21 16 00-0491	EA	6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	6,156.75	661.26
23 21 16 00-0492		High Velocity, Air Eliminator And Dirt Separator (Spirotherm) *(23 21 16)*		
23 21 16 00-0493	EA	2", 105 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	3,894.48	257.90
23 21 16 00-0494	EA	2-1/2", 155 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,101.84	295.43
23 21 16 00-0495	EA	3", 225 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,363.09	320.12
23 21 16 00-0496	EA	4", 405 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	8,309.55	490.79
23 21 16 00-0497	EA	5", 630 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	9,711.65	667.78
23 21 16 00-0498	EA	6", 910 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT)	10,499.00	756.17
23 21 16 00-0499	EA	8", 1550 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT800FA)	26,816.68	907.16
23 21 16 00-0500	EA	10", 2450 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT1000FA)	36,975.99	1,031.13
23 21 16 00-0501	EA	12", 3500 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT1200FA)	45,844.78	1,334.33
23 21 16 00-0502	EA	14", 4300 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT1400FA)	51,662.68	1,620.35
23 21 16 00-0503	EA	14", 4800 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VQT1632.150FA) Note: Custom	61,504.92	1,620.35
23 21 16 00-0504	EA	16", 5500 GPM, High Velocity, Flanged, Air Eliminator And Dirt Separator (Spirotherm VHT1600FA)	63,376.76	1,944.42
23 21 16 00-0505		Swivel Joints *(23 21 16)*		
23 21 16 00-0506		Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0505)* Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0507	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	362.22	31.84
23 21 16 00-0508	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	520.53	46.61
23 21 16 00-0509	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	729.11	54.49
23 21 16 00-0510	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,088.21	93.23
23 21 16 00-0511	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,378.92	105.94
		For Stainless Steel, Add	*1,750.55*	
23 21 16 00-0512	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,017.41	161.40
		For Stainless Steel, Add	*1,223.42*	
23 21 16 00-0513	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,374.40	128.77
23 21 16 00-0514	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,753.24	345.08
23 21 16 00-0515	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	3,245.83	435.89
23 21 16 00-0516		Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) *(23 21 16 00-0505)* Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0517	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	460.40	31.84
		For Stainless Steel, Add	*595.02*	
23 21 16 00-0518	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	566.90	46.61
		For Stainless Steel, Add	*710.64*	
23 21 16 00-0519	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	763.51	54.49
		For Stainless Steel, Add	*980.16*	
23 21 16 00-0520	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,227.33	93.23
		For Stainless Steel, Add	*1,561.58*	
23 21 16 00-0521	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,606.14	105.94
		For Stainless Steel, Add	*2,091.38*	
23 21 16 00-0522	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,048.85	161.40
		For Stainless Steel, Add	*1,270.58*	
23 21 16 00-0523	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,554.49	128.77
		For Stainless Steel, Add	*1,945.31*	
23 21 16 00-0524	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,961.14	345.08
		For Stainless Steel, Add	*2,293.08*	
23 21 16 00-0525	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	3,389.40	435.89
		For Stainless Steel, Add	*4,263.89*	
23 21 16 00-0526		Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) *(23 21 16 00-0505)* Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0527	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	541.42	31.84
		For Stainless Steel, Add	*716.55*	
23 21 16 00-0528	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	628.73	46.61
		For Stainless Steel, Add	*803.39*	
23 21 16 00-0529	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	918.92	54.49
		For Stainless Steel, Add	*1,213.28*	
23 21 16 00-0530	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,414.36	93.23
		For Stainless Steel, Add	*1,842.12*	
23 21 16 00-0531	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,667.97	105.94
		For Stainless Steel, Add	*2,184.12*	
23 21 16 00-0532	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,203.43	161.40
		For Stainless Steel, Add	*1,502.45*	
23 21 16 00-0533	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,746.15	128.77
		For Stainless Steel, Add	*2,232.80*	
23 21 16 00-0534	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	2,158.99	345.08
		For Stainless Steel, Add	*2,589.86*	
23 21 16 00-0535	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	3,814.47	435.89
		For Stainless Steel, Add	*4,901.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0536		**Ball Joints** *(23 21 16)*		
23 21 16 00-0537	EA	1" Steel Threaded Ball Joint (Hyspan BB-33004-16-11)	1,202.88	
23 21 16 00-0538	EA	2" Steel Threaded Ball Joint (Hyspan BB-33001-32-11)	1,753.67	
23 21 16 00-0539	EA	3" Steel Threaded Ball Joint (Hyspan BB-41533-48-21)	3,016.35	
23 21 16 00-0540	EA	8" Steel Welding Type Ball Joint (Hyspan BB-41533-68-21)	9,527.70	
23 21 16 00-0541	EA	10" Steel Welding Type Ball Joint (Hyspan BB-41533-70-21)	11,117.61	
23 21 16 00-0542	EA	3" Steel Flanged Ball Joint (Hyspan BB-41533-48-21)	2,825.44	189.47
23 21 16 00-0543	EA	4" Steel Flanged Ball Joint (Hyspan BB-41533-64-21)	4,375.92	317.65
23 21 16 00-0544	EA	6" Steel Flanged Ball Joint (Hyspan BB-31533-66-11)	5,261.03	395.11
23 21 16 00-0545	EA	8" Steel Flanged Ball Joint (Hyspan BB-41533-68-21)	8,746.84	504.86
23 21 16 00-0546	EA	10" Steel Flanged Ball Joint (Hyspan BB-31533-70-11)	10,256.02	614.61
23 21 16 00-0547	EA	4" Stainless Steel Flanged Ball Joint (Hyspan BB-31524-64)	17,021.78	317.65
23 21 16 00-0548	EA	6" Stainless Ball Flanged Joint (Hyspan BB-31524-66-24)	25,706.75	395.11
23 21 16 00-0549	EA	6" Carbon Steel Flanged Ball Joint (Hyspan BB-41528-66-21)	7,776.76	395.11
23 21 16 00-0550	EA	8" Carbon Steel Flanged Ball Joint (Hyspan BB-41528-68-21)	10,012.77	504.86
23 21 16 00-0551	EA	12" Carbon Steel Flanged Ball Joint (Hyspan BB-41533-72-21)	17,350.71	
23 21 16 00-0552		**Basket Strainers** *(23 21 16)*		
23 21 16 00-0553		**Bronze Body Basket Strainers** *(23 21 16 00-0552)*		
23 21 16 00-0554		**Screwed Ends, Bronze Body Basket Strainers** *(23 21 16 00-0553)*		
23 21 16 00-0555	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	338.44	24.21
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0556	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	399.99	28.46
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0557	EA	1" Screwed Ends, Bronze Body Basket Strainer	463.94	33.90
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0558	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	577.96	37.53
		For Work In Restricted Working Space, Add	*22.50*	
23 21 16 00-0559	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	682.53	42.38
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0560	EA	2" Screwed Ends, Bronze Body Basket Strainer	1,017.48	48.43
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0561	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,439.48	64.77
		For Work In Restricted Working Space, Add	*38.96*	
23 21 16 00-0562	EA	3" Screwed Ends, Bronze Body Basket Strainer	2,026.23	69.02
		For Work In Restricted Working Space, Add	*41.33*	
23 21 16 00-0563		**Flanged, Bronze Body Basket Strainers** *(23 21 16 00-0553)*		
23 21 16 00-0564	EA	2" Flanged, Bronze Body Basket Strainer	1,596.80	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0565	EA	2-1/2" Flanged, Bronze Body Basket Strainer	2,402.81	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0566	EA	3" Flanged, Bronze Body Basket Strainer	2,724.97	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0567	EA	4" Flanged, Bronze Body Basket Strainer	4,607.94	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0568	EA	6" Flanged, Bronze Body Basket Strainer	8,740.94	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0569	EA	8" Flanged, Bronze Body Basket Strainer	15,939.49	493.80
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0570		**Iron Body Basket Strainers** *(23 21 16 00-0552)*		
23 21 16 00-0571		**Screwed Ends, Iron Body Basket Strainers** *(23 21 16 00-0570)*		
23 21 16 00-0572	EA	1/2" Screwed Ends, Iron Body Basket Strainer	388.81	24.21
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0573	EA	3/4" Screwed Ends, Iron Body Basket Strainer	437.86	28.46
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0574	EA	1" Screwed Ends, Iron Body Basket Strainer	517.45	33.90
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0575	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	678.36	37.53
		For Work In Restricted Working Space, Add	*22.50*	
23 21 16 00-0576	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	744.30	42.38
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0577	EA	2" Screwed Ends, Iron Body Basket Strainer	884.78	48.43
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0578	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,255.32	64.77
		For Work In Restricted Working Space, Add	*38.96*	
23 21 16 00-0579	EA	3" Screwed Ends, Iron Body Basket Strainer	1,419.50	69.02
		For Work In Restricted Working Space, Add	*41.33*	
23 21 16 00-0580		**Flanged, Iron Body Basket Strainers** *(23 21 16 00-0570)*		
23 21 16 00-0581	EA	2" Flanged, Iron Body Basket Strainer	1,701.60	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0582	EA	2-1/2" Flanged, Iron Body Basket Strainer	2,241.62	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0583	EA	3" Flanged, Iron Body Basket Strainer	2,409.50	205.84
		For Work In Restricted Working Space, Add	*77.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0584	EA	4" Flanged, Iron Body Basket Strainer	3,671.11	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0585	EA	6" Flanged, Iron Body Basket Strainer	6,788.29	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0586	EA	8" Flanged, Iron Body Basket Strainer	12,242.29	493.80
		For Work In Restricted Working Space, Add	*184.03*	
23 21 16 00-0587	EA	10" Flanged, Iron Body Basket Strainer	18,249.07	601.15
		For Work In Restricted Working Space, Add	*225.43*	
23 21 16 00-0588	EA	12" Flanged, Iron Body Basket Strainer	22,273.67	757.88
		For Work In Restricted Working Space, Add	*454.68*	
23 21 16 00-0589	EA	14" Flanged, Iron Body Basket Strainer	27,265.60	858.78
		For Work In Restricted Working Space, Add	*322.04*	
23 21 16 00-0590	EA	16" Flanged, Iron Body Basket Strainer	28,568.43	944.66
		For Work In Restricted Working Space, Add	*354.25*	

23 21 16 00-0591 Cast Steel Body Basket Strainers *(23 21 16 00-0552)*

23 21 16 00-0592 Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0591)*

23 21 16 00-0593	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	1,030.77	33.90
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0594	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	1,361.03	37.53
		For Work In Restricted Working Space, Add	*22.50*	
23 21 16 00-0595	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,533.99	42.38
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0596	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	2,158.69	48.43
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0597	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	3,028.53	64.77
		For Work In Restricted Working Space, Add	*38.96*	
23 21 16 00-0598	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	3,934.63	69.02
		For Work In Restricted Working Space, Add	*41.33*	

23 21 16 00-0599 Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0591)*

23 21 16 00-0600	EA	2" Flanged, Cast Steel Body Basket Strainer	3,202.54	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0601	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	4,608.98	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0602	EA	3" Flanged, Cast Steel Body Basket Strainer	5,054.72	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0603	EA	4" Flanged, Cast Steel Body Basket Strainer	7,168.77	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0604	EA	6" Flanged, Cast Steel Body Basket Strainer	12,630.63	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0605	EA	8" Flanged, Cast Steel Body Basket Strainer	20,516.27	493.80
		For Work In Restricted Working Space, Add	*184.03*	

23 21 16 00-0606 Stainless Steel Body Basket Strainers *(23 21 16 00-0552)*

23 21 16 00-0607 Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0606)*

23 21 16 00-0608	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	585.07	33.90
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0609	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	841.45	37.53
		For Work In Restricted Working Space, Add	*22.50*	
23 21 16 00-0610	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	869.04	42.38
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0611	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,283.80	48.43
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0612	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,813.99	64.77
		For Work In Restricted Working Space, Add	*38.96*	
23 21 16 00-0613	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,560.16	69.02
		For Work In Restricted Working Space, Add	*41.33*	

23 21 16 00-0614 Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0606)*

23 21 16 00-0615	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,967.96	161.40
		For Work In Restricted Working Space, Add	*60.54*	
23 21 16 00-0616	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	2,970.64	175.56
		For Work In Restricted Working Space, Add	*66.05*	
23 21 16 00-0617	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,364.42	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0618	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,687.32	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0619	EA	6" Flanged, Stainless Steel Body Basket Strainer	8,687.56	386.45
		For Work In Restricted Working Space, Add	*145.44*	
23 21 16 00-0620	EA	8" Flanged, Stainless Steel Body Basket Strainer	15,070.80	493.80
		For Work In Restricted Working Space, Add	*184.03*	

23 21 16 00-0621 Plastic Basket Strainers *(23 21 16 00-0552)*

23 21 16 00-0622 Screwed Or Socket Ends, Simplex, Plastic Basket Strainers *(23 21 16 00-0621)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 00-0623 Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0622)*

23 21 16 00-0624	EA	1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	331.94	16.96
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0625	EA	3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	340.35	19.74
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0626	EA	1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	351.16	23.49
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0627	EA	1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	572.64	29.67
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0628	EA	2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	594.15	33.90
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0629	EA	3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,264.14	48.43
		For Work In Restricted Working Space, Add	*41.33*	
23 21 16 00-0630	EA	4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,673.17	63.57
		For Work In Restricted Working Space, Add	*54.48*	

23 21 16 00-0631 Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0622)*

23 21 16 00-0632	EA	1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	441.61	16.96
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0633	EA	3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	450.02	19.74
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0634	EA	1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	460.83	23.49
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0635	EA	1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	785.38	29.67
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0636	EA	2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	811.41	33.90
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0637	EA	3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	391.47	48.43
		For Work In Restricted Working Space, Add	*41.33*	
23 21 16 00-0638	EA	4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,159.00	63.57
		For Work In Restricted Working Space, Add	*54.48*	

23 21 16 00-0639 Flanged, Simplex, Plastic Basket Strainers *(23 21 16 00-0621)*

23 21 16 00-0640 Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0639)*

23 21 16 00-0641	EA	1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	537.14	105.94
		For Work In Restricted Working Space, Add	*63.55*	
23 21 16 00-0642	EA	1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	823.75	121.08
		For Work In Restricted Working Space, Add	*72.65*	
23 21 16 00-0643	EA	2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	874.44	141.06
		For Work In Restricted Working Space, Add	*84.63*	
23 21 16 00-0644	EA	3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,609.56	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0645	EA	4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	2,195.62	345.08
		For Work In Restricted Working Space, Add	*129.73*	
23 21 16 00-0646	EA	6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	4,307.99	435.89
		For Work In Restricted Working Space, Add	*164.04*	
23 21 16 00-0647	EA	8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	5,648.49	556.97
		For Work In Restricted Working Space, Add	*207.57*	

23 21 16 00-0648 Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0639)*

23 21 16 00-0649	EA	1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,030.66	121.08
		For Work In Restricted Working Space, Add	*72.65*	
23 21 16 00-0650	EA	2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,087.05	141.06
		For Work In Restricted Working Space, Add	*84.63*	
23 21 16 00-0651	EA	3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,163.73	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0652	EA	4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,767.74	345.08
		For Work In Restricted Working Space, Add	*129.73*	

23 21 16 00-0653 Screwed Or Socket Ends, Duplex, Plastic Basket Strainers *(23 21 16 00-0621)*

23 21 16 00-0654 Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0653)*

23 21 16 00-0655	EA	1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,395.38	16.96
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0656	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,403.79	19.74
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0657	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,414.60	23.49
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0658	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,182.38	29.67
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0659	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,194.69	33.90
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0660	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	4,874.94	48.43
		For Work In Restricted Working Space, Add	*41.33*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0661	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	6,430.28	63.57
		For Work In Restricted Working Space, Add	*54.48*	

23 21 16 00-0662 Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0653)*

23 21 16 00-0663	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,851.31	16.96
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0664	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,859.72	19.74
		For Work In Restricted Working Space, Add	*16.94*	
23 21 16 00-0665	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,870.53	23.49
		For Work In Restricted Working Space, Add	*20.18*	
23 21 16 00-0666	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,897.19	29.67
		For Work In Restricted Working Space, Add	*25.40*	
23 21 16 00-0667	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,909.50	33.90
		For Work In Restricted Working Space, Add	*29.09*	
23 21 16 00-0668	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,654.52	48.43
		For Work In Restricted Working Space, Add	*41.33*	
23 21 16 00-0669	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,493.04	63.57
		For Work In Restricted Working Space, Add	*54.48*	

23 21 16 00-0670 Flanged, Duplex, Plastic Basket Strainers *(23 21 16 00-0621)*

23 21 16 00-0671 Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0670)*

23 21 16 00-0672	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,468.85	45.40
		For Work In Restricted Working Space, Add	*27.25*	
23 21 16 00-0673	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,499.11	60.54
		For Work In Restricted Working Space, Add	*36.32*	
23 21 16 00-0674	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,589.85	105.94
		For Work In Restricted Working Space, Add	*63.55*	
23 21 16 00-0675	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,419.69	121.08
		For Work In Restricted Working Space, Add	*72.65*	
23 21 16 00-0676	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,459.63	141.06
		For Work In Restricted Working Space, Add	*84.63*	
23 21 16 00-0677	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	5,163.58	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0678	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	6,894.41	345.08
		For Work In Restricted Working Space, Add	*129.73*	

23 21 16 00-0679 Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0670)*

23 21 16 00-0680	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,932.45	45.40
		For Work In Restricted Working Space, Add	*27.24*	
23 21 16 00-0681	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,962.69	60.54
		For Work In Restricted Working Space, Add	*36.31*	
23 21 16 00-0682	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,053.48	105.94
		For Work In Restricted Working Space, Add	*63.55*	
23 21 16 00-0683	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,156.17	121.08
		For Work In Restricted Working Space, Add	*72.65*	
23 21 16 00-0684	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,196.11	141.06
		For Work In Restricted Working Space, Add	*84.63*	
23 21 16 00-0685	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,972.88	205.84
		For Work In Restricted Working Space, Add	*77.29*	
23 21 16 00-0686	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	9,104.52	345.08
		For Work In Restricted Working Space, Add	*129.73*	

23 21 16 00-0687 Plastic Strainer Baskets *(23 21 16 00-0552)*

23 21 16 00-0688 Polyvinyl Chloride (PVC) Strainer Baskets *(23 21 16 00-0687)*

23 21 16 00-0689	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	119.85	
23 21 16 00-0690	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	147.01	
23 21 16 00-0691	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	329.93	
23 21 16 00-0692	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	374.43	

23 21 16 00-0693 Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets *(23 21 16 00-0687)*

23 21 16 00-0694	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	157.70	
23 21 16 00-0695	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	197.47	
23 21 16 00-0696	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	438.82	
23 21 16 00-0697	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	486.81	

23 21 16 00-0698 Bag Filter And Mounting Stands *(23 21 16)*

23 21 16 00-0699 Stainless Steel Housing, Bag Filter And Mounting Stands *(23 21 16 00-0698)*

23 21 16 00-0700	EA	4" Diameter Flanged, 395 GPM, 3-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	6,312.36	345.08
23 21 16 00-0701	EA	4" Diameter Flanged, 525 GPM, 4-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	7,257.36	345.08
23 21 16 00-0702	EA	6" Diameter Flanged, 785 GPM, 6-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	10,984.77	386.45
23 21 16 00-0703	EA	8" Diameter Flanged, 1,580 GPM, 12-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	15,229.38	493.80
23 21 16 00-0704	EA	10" Diameter Flanged, 2,115 GPM, 16-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	22,339.42	601.15
23 21 16 00-0705	EA	10" Diameter Flanged, 2,645 GPM, 20-Bag, 304 Stainless Steel Housing, Bag Filter And Mounting Stand	25,950.17	601.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0706	EA	4" Diameter Flanged PVC Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged PVC pipe headers with two 2" butterfly valves on each header.	5,304.14	688.42
23 21 16 00-0707	EA	4" Diameter Flanged Stainless Steel Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged 304 stainless steel pipe headers with two 2" butterfly valves on each header.	7,194.14	688.42
23 21 16 00-0708	EA	4" Diameter Flanged Carbon Steel Header, Dual 2" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 2" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged carbon steel pipe headers with two 2" butterfly valves on each header.	6,249.14	688.42
23 21 16 00-0709	EA	4" Diameter Flanged Carbon Steel Header, Dual 4" Diameter Inlet/Outlet, 304 Stainless Steel Housing, Bag Filter And Mounting Stands On Skid Note: Includes dual 4" flanged inlet/out stainless steel housing and mounting stands, steel skid, and 4" flanged carbon steel pipe headers with two 2" butterfly valves on each header.	24,672.60	850.20

23 21 16 00-0710 Carbon Steel Housing, Bag Filter And Mounting Stands *(23 21 16 00-0698)*

23 21 16 00-0711	EA	4" Diameter Flanged, 395 GPM, 3-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	4,842.36	345.08
23 21 16 00-0712	EA	4" Diameter Flanged, 525 GPM, 4-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	5,997.36	345.08
23 21 16 00-0713	EA	6" Diameter Flanged, 5,785 GPM, 6-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	6,784.77	386.45
23 21 16 00-0714	EA	8" Diameter Flanged, 1,580 GPM, 12-Bag, Carbon Steel Housing, Bag Filter And Mounting Stand	11,953.38	493.80

23 21 23 Hydronic Pumps *(23 21)*

23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

23 21 23 13-0001 Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)*

Note: For general service, 125 Lb. flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.

23 21 23 13-0002	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	7,211.82	323.47
		For Mechanical Seal, Add	*499.35*	
		For Cast Steel Case, Add	*1,123.54*	
23 21 23 13-0003	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	7,865.56	391.52
		For Mechanical Seal, Add	*535.32*	
		For Cast Steel Case, Add	*1,204.46*	
23 21 23 13-0004	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	9,088.58	465.13
		For Mechanical Seal, Add	*615.54*	
		For Cast Steel Case, Add	*1,384.97*	
23 21 23 13-0005	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	10,155.90	620.17
		For Mechanical Seal, Add	*663.75*	
		For Cast Steel Case, Add	*1,493.44*	
23 21 23 13-0006	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	11,650.95	675.94
		For Mechanical Seal, Add	*769.83*	
		For Cast Steel Case, Add	*1,732.13*	
23 21 23 13-0007	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	17,481.11	743.98
		For Mechanical Seal, Add	*1,220.02*	
		For Cast Steel Case, Add	*2,745.05*	
23 21 23 13-0008	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	20,528.41	929.14
		For Mechanical Seal, Add	*1,419.19*	
		For Cast Steel Case, Add	*3,193.17*	
23 21 23 13-0009	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	28,612.93	1,061.88
		For Mechanical Seal, Add	*2,034.08*	
		For Cast Steel Case, Add	*4,576.68*	
23 21 23 13-0010	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	36,451.84	1,113.20
		For Mechanical Seal, Add	*2,648.97*	
		For Cast Steel Case, Add	*5,960.18*	
23 21 23 13-0011	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	39,750.78	1,430.95
		For Mechanical Seal, Add	*2,836.55*	
		For Cast Steel Case, Add	*6,382.24*	

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)*

Note: For general service, 125 Lb. flanged, 1,800 RPM TEFC motor.

23 21 23 13-0013	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,303.44	185.71
23 21 23 13-0014	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,073.39	212.26
23 21 23 13-0015	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,427.01	237.69
23 21 23 13-0016	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,655.39	258.45
23 21 23 13-0017	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,087.03	282.98
23 21 23 13-0018	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,259.61	312.77
23 21 23 13-0019	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,156.20	371.44
23 21 23 13-0020	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	8,328.06	457.21
23 21 23 13-0021	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,714.62	495.25
23 21 23 13-0022	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	12,520.20	524.35
23 21 23 13-0023	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,082.33	557.15
23 21 23 13-0024	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,969.40	575.78
23 21 23 13-0025	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,856.47	594.29
23 21 23 13-0026	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,198.33	636.79
23 21 23 13-0027	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	22,976.49	749.08
23 21 23 13-0028	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	25,417.11	1,081.94
23 21 23 13-0029	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	30,107.02	2,163.88
23 21 23 13-0030	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	34,621.05	2,596.66

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0031		Cast Iron Construction Straight Centrifugal Circulating Pump *(23 21 23 13)* Note: Includes stainless steel impeller and buna-N elastomer.		
23 21 23 13-0032		1-1/4" x 1" High Head *(23 21 23 13-0031)*		
23 21 23 13-0033	EA	3/4 HP High Head Straight Cast Iron Centrifugal Pump, 1 Phase	1,021.24	354.53
23 21 23 13-0034	EA	3/4 HP High Head Straight Cast Iron Centrifugal Pump, 3 Phase	1,045.33	354.53
23 21 23 13-0035	EA	1.5 HP High Head Straight Cast Iron Centrifugal Pump, 1 Phase	1,147.12	409.70
23 21 23 13-0036	EA	1.5 HP High Head Straight Cast Iron Centrifugal Pump, 3 Phase	1,187.86	409.70
23 21 23 13-0037		1-1/2" x 1-1/4" High Head *(23 21 23 13-0031)*		
23 21 23 13-0038	EA	2 HP High Head Straight Cast Iron Centrifugal Pump, 1 Phase	1,278.10	430.00
23 21 23 13-0039	EA	2 HP High Head Straight Cast Iron Centrifugal Pump, 3 Phase	1,311.59	430.00
23 21 23 13-0040	EA	3 HP High Head Straight Cast Iron Centrifugal Pump, 1 Phase	1,434.14	472.23
23 21 23 13-0041	EA	3 HP High Head Straight Cast Iron Centrifugal Pump, 3 Phase	1,466.72	472.23
23 21 23 13-0042		Stainless Steel Construction Straight Centrifugal Circulating Pump *(23 21 23 13)* Note: Includes stainless steel impeller and viton elastomer.		
23 21 23 13-0043		1-1/4" x 1" High Head *(23 21 23 13-0042)*		
23 21 23 13-0044	EA	3/4 HP High Head Straight Stainless Steel Centrifugal Pump, 1 Phase	1,241.88	354.53
23 21 23 13-0045	EA	3/4 HP High Head Straight Stainless Steel Centrifugal Pump, 3 Phase	1,259.10	354.53
23 21 23 13-0046	EA	1.5 HP High Head Straight Stainless Steel Centrifugal Pump, 1 Phase	1,369.98	409.70
23 21 23 13-0047	EA	1.5 HP High Head Straight Stainless Steel Centrifugal Pump, 3 Phase	1,409.88	409.70
23 21 23 13-0048		1-1/2" x 1-1/4" High Head *(23 21 23 13-0042)*		
23 21 23 13-0049	EA	2 HP High Head Straight Stainless Steel Centrifugal Pump, 1 Phase	1,569.75	430.00
23 21 23 13-0050	EA	2 HP High Head Straight Stainless Steel Centrifugal Pump, 3 Phase	1,603.42	430.00
23 21 23 13-0051	EA	3 HP High Head Straight Stainless Steel Centrifugal Pump, 1 Phase	1,725.94	472.23
23 21 23 13-0052	EA	3 HP High Head Straight Stainless Steel Centrifugal Pump, 3 Phase	1,759.57	472.23
23 21 23 16		**Base-Mounted, Centrifugal Hydronic Pumps** *(23 21 23)* See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 16-0001		Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)* Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	6,662.98	353.59
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	7,477.04	354.03
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	9,860.89	465.13
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	10,797.82	572.21
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	12,095.22	572.21
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	11,757.15	620.17
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	12,494.77	620.17
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	13,652.10	650.29
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	15,187.37	826.52
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	16,065.74	929.14
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	24,783.00	2,274.76
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	35,918.71	2,729.22
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	40,741.62	3,411.53
23 21 23 16-0015		Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)* Note: 125 Lb. flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	6,853.45	259.89
		For 300 Lb. Flanges, Add	*1,596.20*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	8,747.71	278.86
		For 300 Lb. Flanges, Add	*2,082.36*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,967.60	297.82
		For 300 Lb. Flanges, Add	*2,617.96*	
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,787.20	353.59
		For 300 Lb. Flanges, Add	*3,037.46*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	13,439.18	354.03
		For 300 Lb. Flanges, Add	*3,192.48*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,032.90	465.13
		For 300 Lb. Flanges, Add	*3,299.08*	
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,347.83	465.13
		For 300 Lb. Flanges, Add	*3,377.82*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,045.42	465.13
		For 300 Lb. Flanges, Add	*3,552.21*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,460.09	572.21
		For 300 Lb. Flanges, Add	*4,107.62*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,728.35	571.77
		For 300 Lb. Flanges, Add	*4,164.30*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	18,688.88	620.17
		For 300 Lb. Flanges, Add	*4,393.37*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	20,509.57	650.29
		For 300 Lb. Flanges, Add	*4,826.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	22,652.81	826.52
		For 300 Lb. Flanges, Add	*5,291.40*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	25,698.86	929.14
		For 300 Lb. Flanges, Add	*6,006.43*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	40,050.44	2,274.76
		For 300 Lb. Flanges, Add	*8,916.05*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	47,630.99	2,729.22
		For 300 Lb. Flanges, Add	*10,591.87*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	58,080.51	3,411.53
		For 300 Lb. Flanges, Add	*12,875.28*	

23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 Lb. flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,570.51	259.89
		For 300 Lb. Flanges, Add	*1,525.46*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,743.82	278.86
		For 300 Lb. Flanges, Add	*1,560.46*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,917.27	297.82
		For 300 Lb. Flanges, Add	*1,595.47*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	7,515.68	304.51
		For 300 Lb. Flanges, Add	*1,741.78*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,275.39	353.59
		For 300 Lb. Flanges, Add	*2,909.50*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,873.31	465.13
		For 300 Lb. Flanges, Add	*3,537.49*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	16,723.15	501.94
		For 300 Lb. Flanges, Add	*3,971.65*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	17,677.18	557.71
		For 300 Lb. Flanges, Add	*4,161.89*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	19,695.10	557.14
		For 300 Lb. Flanges, Add	*4,673.30*	
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	22,056.54	716.01
		For 300 Lb. Flanges, Add	*5,192.09*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	28,077.67	910.15
		For 300 Lb. Flanges, Add	*6,580.79*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	35,839.37	1,136.77
		For 300 Lb. Flanges, Add	*8,411.56*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	45,079.40	1,364.61
		For 300 Lb. Flanges, Add	*10,611.91*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	53,437.61	1,515.69
		For 300 Lb. Flanges, Add	*12,628.36*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	61,475.80	1,949.44
		For 300 Lb. Flanges, Add	*14,429.04*	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	41,842.63	572.21
		For 300 Lb. Flanges, Add	*10,203.25*	
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	45,170.27	620.17
		For 300 Lb. Flanges, Add	*11,013.71*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	60,296.91	834.88
		For 300 Lb. Flanges, Add	*14,691.94*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	70,381.96	1,147.20
		For 300 Lb. Flanges, Add	*17,069.84*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	97,664.20	1,529.60
		For 300 Lb. Flanges, Add	*23,715.19*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	5,963.14	334.62
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,493.76	334.62
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	7,223.02	353.22
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	7,692.41	353.22
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	8,844.41	371.44
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	10,481.94	447.28
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	13,764.14	551.02
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	14,733.99	596.38
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	17,069.54	644.09

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0066		Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*		
23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,500.09	172.79
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,600.31	183.19
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,866.48	195.06
23 21 23 16-0070	EA	1 HP, Centrifugal Pump, Polypropylene Body	1,263.01	211.89
23 21 23 16-0071		Pumps, Polyvinylidene Fluoride (PVDF) Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*		
23 21 23 16-0072	EA	1/2 HP, Centrifugal Pump, Polyvinylidene Fluoride (PVDF) Body	1,200.19	183.19
23 21 23 16-0073	EA	3/4 HP, Centrifugal Pump, Polyvinylidene Fluoride (PVDF) Body	1,286.43	195.06
23 21 23 16-0074	EA	1 HP, Centrifugal Pump, Polyvinylidene Fluoride (PVDF) Body	1,406.34	211.89
23 21 23 16-0075		Multi Stage, Stainless Steel, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)* Note: 3500RPM, 3 phase 208 to 240/480 Volt. (Goulds EHM)		
23 21 23 16-0076	EA	2 HP, 30 GPM At 140' Head, Stainless Steel Booster Pump (Goulds 5HM05N15T6PBQE)	2,798.64	334.62
23 21 23 16-0077		Multi Stage, Stainless Steel, Vertical Centrifugal Pump *(23 21 23 16)* Note: Suction And Discharge Ports On The Same Level		
23 21 23 16-0078	EA	7.5 HP, 90.3 GPM @ 206' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN15-4)	9,401.18	476.28
23 21 23 16-0079	EA	15 HP, 159 GPM @ 250' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN32-4)	12,877.30	588.94
23 21 23 16-0080	EA	25 HP, 239 GPM @ 212' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN64-2)	15,777.35	742.87
23 21 23 16-0081		Pump, Stainless Steel Centrifugal Pump *(23 21 23 16)*		
23 21 23 16-0082		Pump, 304 Stainless Steel Centrifugal Pump *(23 21 23 16-0081)* Note: Carbon/ceramic seals with viton elastomer, 3450 RPM.		
23 21 23 16-0083	EA	3/4 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 1 Phase	942.76	179.59
23 21 23 16-0084	EA	1 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 1 Phase	1,068.79	228.66
23 21 23 16-0085	EA	1-1/2 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 1 Phase	1,227.57	278.86
23 21 23 16-0086	EA	2 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 1 Phase	1,424.51	348.57
23 21 23 16-0087	EA	1-1/2 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 3 Phase	1,233.49	278.86
23 21 23 16-0088	EA	2 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 3 Phase	1,421.97	348.57
23 21 23 16-0089	EA	3 HP Stainless Steel Centrifugal Pump, 1-1/4" In, 1" Discharge, Threaded, 3 Phase	1,591.92	413.26
23 21 23 16-0090	EA	3 HP Stainless Steel Centrifugal Pump, 2" In, 1-1/4" Discharge, Flanged, 3 Phase	2,254.69	557.71
23 21 23 16-0091	EA	5 HP Stainless Steel Centrifugal Pump, 2" In, 1-1/4" Discharge, Flanged, 3 Phase	2,923.02	822.06
23 21 23 16-0092	EA	7-1/2 HP Stainless Steel Centrifugal Pump, 2" In, 1-1/4" Discharge, Flanged, 3 Phase	3,761.24	1,153.23
23 21 23 16-0093	EA	5 HP Stainless Steel Centrifugal Pump, 2-1/2" In, 1-1/2" Discharge, Flanged, 3 Phase	2,886.65	822.06
23 21 23 16-0094	EA	7-1/2 HP Stainless Steel Centrifugal Pump, 2-1/2" In, 1-1/2" Discharge, Flanged, 3 Phase	3,679.21	1,153.23
23 21 23 16-0095	EA	7-1/2 HP Stainless Steel Centrifugal Pump, 2-1/2" In, 2" Discharge, Flanged, 3 Phase	3,691.89	1,153.23
23 21 23 16-0096		Pump, 316 Stainless Steel Centrifugal Pump With Viton Elastomer *(23 21 23 16-0081)*		
23 21 23 16-0097	EA	1/2 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 1 Phase	853.14	139.42
23 21 23 16-0098	EA	3/4 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 1 Phase	957.62	179.59
23 21 23 16-0099	EA	3/4 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 3 Phase	989.68	179.59
23 21 23 16-0100	EA	1 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 1 Phase	1,073.90	228.66
23 21 23 16-0101	EA	1 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 3 Phase	1,105.31	228.66
23 21 23 16-0102	EA	1-1/2 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 1 Phase	1,196.92	278.86
23 21 23 16-0103	EA	1-1/2 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 3 Phase	1,240.41	278.86
23 21 23 16-0104	EA	2 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 1 Phase	1,356.73	348.57
23 21 23 16-0105	EA	2 HP Stainless Steel Centrifugal Pump, 1" In/Out, Threaded, 3 Phase	1,397.96	348.57
23 21 23 23		**Vertical-Turbine Hydronic Pumps** *(23 21 23)* See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 23-0001		Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)* Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	13,316.20	826.52
		For Each Extra Column Assembly <60", Add	*1,114.87*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*483.07*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*349.91*	
23 21 23 23-0003	EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	15,387.57	929.14
		For Each Extra Column Assembly <60", Add	*1,280.98*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*565.53*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*411.65*	
23 21 23 23-0004	EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	18,590.89	910.15
		For Each Extra Column Assembly <60", Add	*1,552.54*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*678.36*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*492.46*	
23 21 23 23-0005	EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	21,952.59	1,050.26
		For Each Extra Column Assembly <60", Add	*1,823.69*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*810.62*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*591.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 23-0006	EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	27,071.95	1,136.77
		For Each Extra Column Assembly <60", Add	*2,238.86*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,009.77*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*739.05*	
23 21 23 23-0007	EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	35,625.75	1,364.61
		For Each Extra Column Assembly <60", Add	*2,937.79*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,337.31*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*981.05*	
23 21 23 23-0008	EA	150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage	42,625.88	1,705.76
		For Each Extra Column Assembly <60", Add	*3,519.73*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,595.38*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,169.12*	
23 21 23 23-0009	EA	200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage	68,424.89	1,949.44
		For Each Extra Column Assembly <60", Add	*5,599.31*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,611.67*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,927.43*	
23 21 23 23-0010	EA	250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage	89,777.85	2,274.76
		For Each Extra Column Assembly <60", Add	*7,328.44*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*3,444.91*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,547.13*	
23 21 23 23-0011	EA	300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage	125,773.86	2,729.22
		For Each Extra Column Assembly <60", Add	*10,237.36*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*4,855.50*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*3,597.77*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	240.60	36.25
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	261.63	36.25
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	411.15	41.83

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	130.22	27.88
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	139.20	27.88
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	233.72	36.25
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	251.75	41.83
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	471.24	47.40

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 High Temperature Safety Relief Valve *(23 22 16)*

Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

23 22 16 00-0002 Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0001)*

Note: Variable set points to 500 PSIG pressure, 400 Degree F temperature range.

23 22 16 00-0003 Threaded *(23 22 16 00-0002)*

23 22 16 00-0004	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	524.43	18.15
23 22 16 00-0005	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	548.77	21.48
23 22 16 00-0006	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	605.24	27.23
23 22 16 00-0007	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	746.62	30.26
23 22 16 00-0008	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	955.92	37.22
23 22 16 00-0009	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,483.74	42.36
23 22 16 00-0010	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,607.84	48.71

23 22 16 00-0011 Flanged *(23 22 16 00-0002)*

23 22 16 00-0012	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,696.84	127.06
23 22 16 00-0013	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,303.19	191.00
23 22 16 00-0014	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,754.81	175.92
23 22 16 00-0015	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,774.54	254.08
23 22 16 00-0016	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,164.52	189.47
23 22 16 00-0017	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	7,242.28	254.08
23 22 16 00-0018	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	12,120.85	360.56
23 22 16 00-0019	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	24,115.10	402.67

23 22 16 00-0020 Bronze Body Safety Valve, Threaded, Steam *(23 22 16 00-0001)*

Note: Variable set points to 250 PSIG pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 PSIG pressure.

23 22 16 00-0021	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	570.83	16.64
23 22 16 00-0022	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	584.64	18.15
23 22 16 00-0023	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	684.40	19.97
23 22 16 00-0024	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	755.80	21.48
23 22 16 00-0025	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	874.54	24.20
23 22 16 00-0026	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	878.69	27.23
23 22 16 00-0027	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	988.46	28.74
23 22 16 00-0028	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,077.29	30.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0029	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,496.46	33.88
23 22 16 00-0030	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,635.45	37.22
23 22 16 00-0031	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,951.57	42.36
23 22 16 00-0032		Bronze Body Safety Valve, Threaded, Water *(23 22 16 00-0001)*		
		Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0033	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	267.80	16.64
23 22 16 00-0034	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	305.26	18.15
23 22 16 00-0035	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	423.38	19.97
23 22 16 00-0036	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	466.20	21.48
23 22 16 00-0037	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	675.05	24.20
23 22 16 00-0038	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	911.00	28.74
23 22 16 00-0039	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,329.63	33.88
23 22 16 00-0040		Steam Temperature Regulator, Iron Body *(23 22 16)*		
23 22 16 00-0041		Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
		Note: Up to 150 PSI.		
23 22 16 00-0042	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,410.40	17.42
23 22 16 00-0043	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,483.83	23.48
23 22 16 00-0044	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,969.26	28.92
23 22 16 00-0045	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,174.28	36.55
23 22 16 00-0046	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,230.85	41.99
23 22 16 00-0047	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,636.24	45.70
23 22 16 00-0048	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,355.07	83.70
23 22 16 00-0049	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,496.17	91.28
23 22 16 00-0050	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,999.68	213.65
23 22 16 00-0051	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,378.75	250.77
23 22 16 00-0052		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0053	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,091.18	17.42
23 22 16 00-0054	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,165.65	23.48
23 22 16 00-0055	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,262.03	28.92
23 22 16 00-0056	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,707.70	36.55
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,900.65	41.99
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,293.98	45.70
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,047.61	83.70
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,632.24	91.28
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,503.83	213.65
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	17,032.54	250.77
23 22 16 00-0063		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,850.23	17.42
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,891.58	23.48
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,164.45	28.92
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,445.69	36.55
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,570.45	41.99
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,027.97	45.70
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,454.05	83.70
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,833.54	91.28
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,638.24	213.65
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,162.99	250.77
23 22 16 00-0074		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,652.37	17.42
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,689.73	23.48
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,006.70	28.92
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,175.61	36.55
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,336.49	41.99
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,721.82	45.70
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,855.12	83.70
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	11,391.26	91.28
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	14,195.96	213.65
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,720.72	250.77
23 22 16 00-0085		Steam Traps *(23 22 16)*		
23 22 16 00-0086		Inverted Bucket Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	343.89	36.33
		For Work In Restricted Working Space, Add	*21.79*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	346.93	37.83
		For Work In Restricted Working Space, Add	*22.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	517.36	40.32
		For Work In Restricted Working Space, Add	*24.22*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	837.80	55.03
		For Work In Restricted Working Space, Add	*33.02*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,248.63	67.80
		For Work In Restricted Working Space, Add	*40.36*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,591.95	100.90
		For Work In Restricted Working Space, Add	*60.54*	

23 22 16 00-0093 Float And Thermostatic Steam Traps *(23 22 16 00-0085)*

23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	363.57	37.83
		For Work In Restricted Working Space, Add	*22.70*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	479.86	40.36
		For Work In Restricted Working Space, Add	*24.22*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	593.02	55.03
		For Work In Restricted Working Space, Add	*33.02*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	869.55	67.26
		For Work In Restricted Working Space, Add	*40.36*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,469.81	100.86
		For Work In Restricted Working Space, Add	*60.54*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	463.80	37.83
		For Work In Restricted Working Space, Add	*22.70*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	504.12	40.32
		For Work In Restricted Working Space, Add	*24.22*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	659.16	55.03
		For Work In Restricted Working Space, Add	*33.02*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,029.63	67.20
		For Work In Restricted Working Space, Add	*40.36*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,617.56	100.90
		For Work In Restricted Working Space, Add	*60.54*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	602.73	37.83
		For Work In Restricted Working Space, Add	*22.70*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	671.72	40.36
		For Work In Restricted Working Space, Add	*24.22*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,023.04	55.03
		For Work In Restricted Working Space, Add	*33.02*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,230.11	67.20
		For Work In Restricted Working Space, Add	*40.36*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,034.34	100.90
		For Work In Restricted Working Space, Add	*60.54*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	611.55	37.83
		For Work In Restricted Working Space, Add	*22.70*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	671.72	40.36
		For Work In Restricted Working Space, Add	*24.22*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,023.04	55.03
		For Work In Restricted Working Space, Add	*33.02*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,230.11	67.20
		For Work In Restricted Working Space, Add	*40.36*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,034.34	100.90
		For Work In Restricted Working Space, Add	*60.54*	

23 22 16 00-0114 Thermostatic Steam Traps *(23 22 16 00-0085)*

23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	174.95	36.33
		For Work In Restricted Working Space, Add	*21.79*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	293.98	37.83
		For Work In Restricted Working Space, Add	*22.70*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	363.50	40.32
		For Work In Restricted Working Space, Add	*24.22*	

23 22 16 00-0118 Thermodynamic Steam Traps *(23 22 16 00-0085)*

23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	389.37	32.69
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	553.39	36.33
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	686.52	37.83
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	920.90	40.32

23 22 16 00-0123 Steam Moisture Separator *(23 22 16 00-0085)*

23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1)	802.14	60.54
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1)	849.51	81.73
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	1,023.23	92.02
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,620.49	105.33
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,983.13	161.40
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,988.96	175.56
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,414.98	205.84
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	4,716.81	345.08
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	9,224.87	435.89

23 22 16 00-0133 Steam/Condensate Meter *(23 22 16)*

Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0134	EA	1" Steam/Condensate Meter	12,870.64	100.31
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	14,514.29	117.87
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	15,362.32	146.29
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	16,233.75	192.26
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	18,175.54	298.70
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	31,333.37	377.83
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	32,321.13	477.03
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	33,680.10	585.14
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	35,152.47	710.52
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0143	EA	14" Steam/Condensate Meter	37,299.95	835.91
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	38,536.57	919.50
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,080.59	567.74
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,652.05	583.36
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,775.34	622.40
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,048.30	629.10
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,403.49	684.86
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,957.48	684.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,044.80	731.71
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,135.49	765.18
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,201.74	798.64
23 22 23 13-0012		**30 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,381.63	606.78
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,078.98	622.40
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,199.59	663.68
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,693.15	717.22
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,044.80	732.84
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,185.05	758.48
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,345.13	798.64
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,189.72	849.95
23 22 23 13-0021		**40 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,657.43	696.02
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,336.26	751.79
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,895.11	742.87
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,160.37	758.48
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,272.26	790.83
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,201.74	798.64
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,294.63	849.95
23 22 23 13-0029		**50 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,926.44	754.02
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,600.77	769.64
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,121.80	775.21
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,363.92	843.26
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	8,400.72	909.06
23 22 23 13-0035		**Duplex Condensate Pumps And Motors** *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		**20 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,407.06	761.83
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,614.76	836.57
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,939.54	843.26
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,398.79	919.11
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,076.21	919.11
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,200.45	990.49
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,323.95	1,033.99
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,509.40	1,085.30
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,389.93	820.95
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,602.21	896.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,090.73	874.49
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,200.45	990.49
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,378.42	1,027.30
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,262.54	1,085.30
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,626.52	1,163.38
23 22 23 13-0053		40 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,775.81	968.18
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,266.22	1,011.68
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,393.23	1,027.30
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,579.93	1,078.62
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,510.63	1,085.30
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,656.14	1,163.38
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,980.71	968.18
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,378.87	1,064.11
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,726.66	1,155.57
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,580.53	1,251.51

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	49.48	12.10
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	51.42	12.10
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	69.53	12.10
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	93.10	13.31
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	130.81	15.13
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	213.49	18.63

23 23 13 00-0009 Shut-Off Valves *(23 23 13)*

23 23 13 00-0010 Packless *(23 23 13 00-0009)*

23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	66.94	12.59
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	83.86	13.80
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	172.68	18.89

23 23 13 00-0014 Packed *(23 23 13 00-0009)*

23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	307.29	27.49
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	411.09	33.66
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	501.03	37.89
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	716.76	43.23
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	1,185.25	121.08
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,555.93	151.35
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	2,213.65	201.84

23 23 13 00-0022 Check Valves *(23 23 13)*

23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	84.33	12.11
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	269.06	13.32
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	311.93	15.14
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	420.29	16.11
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	553.86	18.64
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	822.38	22.04
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	1,150.94	32.33
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,523.67	42.38

23 23 13 00-0031 Solenoid Valves *(23 23 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	229.64	12.11
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	235.17	12.11
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	290.68	13.32
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	290.68	13.32
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	407.16	15.14
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	654.02	16.11
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,205.11	18.64
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,222.04	22.04
23 23 16		**Refrigerant Piping Specialties** *(23 23)*		
23 23 16 00-0001		Soft Refrigeration Copper Tubing *(23 23 16)*		
		Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	5.07	2.88
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	5.32	2.95
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.56	3.04
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.97	3.09
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	6.15	3.13
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.92	3.29
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.62	3.33
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	8.34	3.45
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.78	4.04
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	13.71	4.64
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	19.87	5.49
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	23.98	6.14
23 23 16 00-0014		Refrigeration Copper Tubing Assembly *(23 23 16)*		
		Note: Based on outside diameter. Nitrogenized. Includes pipe, 1/2" thick flexible elastomeric foam insulation, coupling fittings and fastener straps. See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015	LF	1/4" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	8.49	3.25
23 23 16 00-0016	LF	5/16" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	8.89	3.30
23 23 16 00-0017	LF	3/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	9.03	3.40
23 23 16 00-0018	LF	1/2" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	10.03	3.63
23 23 16 00-0019	LF	5/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	10.88	3.63
23 23 16 00-0020	LF	3/4" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	12.50	4.23
23 23 16 00-0021	LF	7/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	14.61	4.48
23 23 16 00-0022	LF	1-1/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	18.59	5.45
23 23 16 00-0023	LF	1-3/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	25.23	6.30
23 23 16 00-0024	LF	1-5/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	29.75	6.78
23 23 16 00-0025		Type L Drawn, ACR Copper Tubing *(23 23 16)*		
		Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0026	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.80	3.39
		For Medical Applications "Oxygen Clean", Add	*0.60*	
23 23 16 00-0027	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	7.65	3.39
		For Medical Applications "Oxygen Clean", Add	*0.64*	
23 23 16 00-0028	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.20	3.39
		For Medical Applications "Oxygen Clean", Add	*0.67*	
23 23 16 00-0029	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	11.84	5.08
		For Medical Applications "Oxygen Clean", Add	*0.97*	
23 23 16 00-0030	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.93	5.45
		For Medical Applications "Oxygen Clean", Add	*1.06*	
23 23 16 00-0031	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	15.07	5.45
		For Medical Applications "Oxygen Clean", Add	*1.16*	
23 23 16 00-0032	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	18.77	6.30
		For Medical Applications "Oxygen Clean", Add	*1.42*	
23 23 16 00-0033	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	22.73	7.27
		For Medical Applications "Oxygen Clean", Add	*1.68*	
23 23 16 00-0034	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	32.22	9.08
		For Medical Applications "Oxygen Clean", Add	*2.29*	
23 23 16 00-0035	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	48.33	13.68
		For Medical Applications "Oxygen Clean", Add	*3.45*	
23 23 16 00-0036	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	62.53	16.96
		For Medical Applications "Oxygen Clean", Add	*4.40*	
23 23 16 00-0037	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	78.73	20.09
		For Medical Applications "Oxygen Clean", Add	*5.45*	
23 23 16 00-0038	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	97.35	24.21
		For Medical Applications "Oxygen Clean", Add	*6.68*	
23 23 16 00-0039		Refrigeration Fittings *(23 23 16)*		
23 23 16 00-0040		Brass Flare Fittings *(23 23 16 00-0039)*		
23 23 16 00-0041		Brass Flare Unions *(23 23 16 00-0040)*		
23 23 16 00-0042	EA	3/8" Brass Flare Union	31.20	13.07
23 23 16 00-0043	EA	1/2" Brass Flare Union	31.20	13.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0044	EA	5/8" Brass Flare Union	34.20	13.07
23 23 16 00-0045		**90 Degree Elbow Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0046	EA	3/8" 90 Degree Brass Flare Elbow Union	33.02	13.07
23 23 16 00-0047	EA	1/2" 90 Degree Brass Flare Elbow Union	33.02	13.07
23 23 16 00-0048	EA	5/8" 90 Degree Brass Flare Elbow Union	43.08	13.07
23 23 16 00-0049		**Brass Flare Tees** *(23 23 16 00-0040)*		
23 23 16 00-0050	EA	3/8" Brass Flare Tee	49.84	21.78
23 23 16 00-0051	EA	1/2" Brass Flare Tee	54.33	21.78
23 23 16 00-0052	EA	5/8" Brass Flare Tee	78.75	21.78
23 23 16 00-0053		**Male Connector, Half Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0054	EA	3/8" Brass Flare Male Connector, Half Union	22.94	13.07
23 23 16 00-0055	EA	1/2" Brass Flare Male Connector, Half Union	25.95	13.07
23 23 16 00-0056	EA	5/8" Brass Flare Male Connector, Half Union	30.23	13.07
23 23 16 00-0057		**Female Connector, Half Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0058	EA	3/8" Brass Flare Female Connector, Half Union	26.81	13.07
23 23 16 00-0059	EA	1/2" Brass Flare Female Connector, Half Union	30.88	13.07
23 23 16 00-0060	EA	5/8" Brass Flare Female Connector, Half Union	30.88	13.07
23 23 16 00-0061		**Long Forged Nuts** *(23 23 16 00-0040)*		
23 23 16 00-0062	EA	3/8" Brass Long Forged Nut	24.77	13.07
23 23 16 00-0063	EA	1/2" Brass Long Forged Nut	25.95	13.07
23 23 16 00-0064	EA	5/8" Brass Long Forged Nut	39.01	13.07
23 23 16 00-0065		**Short Forged Nuts** *(23 23 16 00-0040)*		
23 23 16 00-0066	EA	3/8" Brass Short Forged Nut	23.07	13.07
23 23 16 00-0067	EA	1/2" Brass Short Forged Nut	25.78	13.07
23 23 16 00-0068	EA	5/8" Brass Short Forged Nut	26.34	13.07
23 23 16 00-0069		**ACR Wrought Copper Fittings** *(23 23 16 00-0039)* Note: Soldered.		
23 23 16 00-0070		**ACR Wrought Copper Coupling** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0071	EA	1/4" ACR Wrought Copper Coupling	22.25	13.07
23 23 16 00-0072	EA	3/8" ACR Wrought Copper Coupling	21.77	13.07
23 23 16 00-0073	EA	1/2" ACR Wrought Copper Coupling	22.48	13.07
23 23 16 00-0074	EA	5/8" ACR Wrought Copper Coupling	22.99	13.68
23 23 16 00-0075	EA	3/4" ACR Wrought Copper Coupling	33.57	18.04
23 23 16 00-0076	EA	7/8" ACR Wrought Copper Coupling	32.65	18.52
23 23 16 00-0077	EA	1-1/8" ACR Wrought Copper Coupling	44.26	23.01
23 23 16 00-0078	EA	1-3/8" ACR Wrought Copper Coupling	64.42	31.48
23 23 16 00-0079	EA	1-5/8" ACR Wrought Copper Coupling	78.18	36.93
23 23 16 00-0080	EA	2-1/8" ACR Wrought Copper Coupling	105.11	44.80
23 23 16 00-0081	EA	2-5/8" ACR Wrought Copper Coupling	187.53	68.05
23 23 16 00-0082	EA	3-1/8" ACR Wrought Copper Coupling	250.75	89.48
23 23 16 00-0083	EA	4-1/8" ACR Wrought Copper Coupling	424.43	106.30
23 23 16 00-0084		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0085	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	28.70	13.07
23 23 16 00-0086	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	29.18	13.07
23 23 16 00-0087	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	28.70	13.07
23 23 16 00-0088	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	31.36	13.68
23 23 16 00-0089	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	46.73	18.04
23 23 16 00-0090	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	47.25	18.52
23 23 16 00-0091	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	60.55	23.01
23 23 16 00-0092	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	73.82	31.48
23 23 16 00-0093	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	96.91	36.93
23 23 16 00-0094	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	142.71	44.80
23 23 16 00-0095	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	253.27	68.05
23 23 16 00-0096	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	324.27	89.48
23 23 16 00-0097	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	645.93	106.30
23 23 16 00-0098		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0099	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	36.76	13.07
23 23 16 00-0100	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	32.50	13.07
23 23 16 00-0101	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	35.88	13.07
23 23 16 00-0102	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	35.25	13.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0103	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	41.99	18.04
23 23 16 00-0104	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	46.74	18.52
23 23 16 00-0105	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	65.02	23.01
23 23 16 00-0106	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	96.81	31.48
23 23 16 00-0107	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	122.01	36.93
23 23 16 00-0108	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	242.28	44.80
23 23 16 00-0109	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	379.30	68.05
23 23 16 00-0110	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	501.38	89.48
23 23 16 00-0111	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	1,143.04	106.30
23 23 16 00-0112		ACR Wrought Copper 45 Degree Elbow *(23 23 16 00-0069)*		
		Note: C x C		
23 23 16 00-0113	EA	1/4" ACR Wrought Copper 45 Degree Elbow	42.62	13.07
23 23 16 00-0114	EA	3/8" ACR Wrought Copper 45 Degree Elbow	36.76	13.07
23 23 16 00-0115	EA	1/2" ACR Wrought Copper 45 Degree Elbow	34.26	13.07
23 23 16 00-0116	EA	5/8" ACR Wrought Copper 45 Degree Elbow	26.49	13.68
23 23 16 00-0117	EA	3/4" ACR Wrought Copper 45 Degree Elbow	52.97	18.04
23 23 16 00-0118	EA	7/8" ACR Wrought Copper 45 Degree Elbow	38.11	18.52
23 23 16 00-0119	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	60.49	23.01
23 23 16 00-0120	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	82.09	31.48
23 23 16 00-0121	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	97.44	36.93
23 23 16 00-0122	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	137.25	44.80
23 23 16 00-0123	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	251.44	68.05
23 23 16 00-0124	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	342.73	89.48
23 23 16 00-0125	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	603.72	106.30
23 23 16 00-0126		ACR Wrought Copper Tee *(23 23 16 00-0069)*		
		Note: C x C x C		
23 23 16 00-0127	EA	1/4" ACR Wrought Copper Tee	50.99	21.78
23 23 16 00-0128	EA	3/8" ACR Wrought Copper Tee	52.02	21.78
23 23 16 00-0129	EA	1/2" ACR Wrought Copper Tee	48.20	21.78
23 23 16 00-0130	EA	5/8" ACR Wrought Copper Tee	46.62	27.49
23 23 16 00-0131	EA	3/4" ACR Wrought Copper Tee	76.61	27.49
23 23 16 00-0132	EA	7/8" ACR Wrought Copper Tee	55.04	27.85
23 23 16 00-0133	EA	1-1/8" ACR Wrought Copper Tee	96.52	36.93
23 23 16 00-0134	EA	1-3/8" ACR Wrought Copper Tee	122.69	44.80
23 23 16 00-0135	EA	1-5/8" ACR Wrought Copper Tee	165.38	53.15
23 23 16 00-0136	EA	2-1/8" ACR Wrought Copper Tee	239.87	70.84
23 23 16 00-0137	EA	2-5/8" ACR Wrought Copper Tee	501.43	154.62
23 23 16 00-0138	EA	3-1/8" ACR Wrought Copper Tee	641.84	170.00
23 23 16 00-0139	EA	4-1/8" ACR Wrought Copper Tee	1,219.67	188.88
23 23 16 00-0140		ACR Wrought Copper Male Adapter *(23 23 16 00-0069)*		
		Note: C x M		
23 23 16 00-0141	EA	1/4" ACR Wrought Copper Male Adapter	48.44	13.07
23 23 16 00-0142	EA	3/8" ACR Wrought Copper Male Adapter	57.80	13.07
23 23 16 00-0143	EA	1/2" ACR Wrought Copper Male Adapter	42.24	13.07
23 23 16 00-0144		ACR Wrought Copper Female Adapter *(23 23 16 00-0069)*		
		Note: C x F		
23 23 16 00-0145	EA	1/4" ACR Wrought Copper Female Adapter	44.76	13.07
23 23 16 00-0146	EA	3/8" ACR Wrought Copper Female Adapter	39.39	13.07
23 23 16 00-0147	EA	1/2" ACR Wrought Copper Female Adapter	41.42	13.07
23 23 16 00-0148		ACR Wrought Copper Cap *(23 23 16 00-0069)*		
		Note: C		
23 23 16 00-0149	EA	1/4" ACR Wrought Copper Cap	17.52	8.72
23 23 16 00-0150	EA	3/8" ACR Wrought Copper Cap	15.82	8.72
23 23 16 00-0151	EA	1/2" ACR Wrought Copper Cap	17.48	8.72
23 23 16 00-0152		ACR Wrought Copper P-Trap *(23 23 16 00-0069)*		
23 23 16 00-0153	EA	5/8" ACR Wrought Copper P-Trap	138.65	11.16
23 23 16 00-0154	EA	3/4" ACR Wrought Copper P-Trap	193.58	12.27
23 23 16 00-0155	EA	7/8" ACR Wrought Copper P-Trap	161.41	12.27
23 23 16 00-0156	EA	1-1/8" ACR Wrought Copper P-Trap	226.54	13.38
23 23 16 00-0157	EA	1-3/8" ACR Wrought Copper P-Trap	397.59	13.38
23 23 16 00-0158	EA	1-5/8" ACR Wrought Copper P-Trap	573.63	14.50
23 23 16 00-0159	EA	2-1/8" ACR Wrought Copper P-Trap	1,079.95	15.62
23 23 16 00-0160		Sight Glass With Moisture And Liquid Indicator, Solder Connection *(23 23 16)*		
23 23 16 00-0161	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	62.06	16.73
23 23 16 00-0162	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	75.36	20.08
23 23 16 00-0163	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	91.07	24.54
23 23 16 00-0164	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	100.05	27.88
23 23 16 00-0165	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	135.12	35.69
23 23 16 00-0166	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	156.11	43.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0167	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	241.92	51.31
23 23 16 00-0168	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	297.86	70.27
23 23 16 00-0169	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	365.59	87.00
23 23 16 00-0170		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0171		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0172	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	562.11	10.04
23 23 16 00-0173	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	564.71	12.27
23 23 16 00-0174	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	721.31	12.27
23 23 16 00-0175	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	717.94	13.38
23 23 16 00-0176	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	799.32	14.50
23 23 16 00-0177	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	898.66	15.62
23 23 16 00-0178	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,049.85	16.73
23 23 16 00-0179	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,310.66	16.73
23 23 16 00-0180		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0181	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	90.31	10.04
23 23 16 00-0182	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	115.38	10.04
23 23 16 00-0183	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	147.28	11.16
23 23 16 00-0184	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	170.57	11.16
23 23 16 00-0185	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	187.54	11.16
23 23 16 00-0186	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	216.77	11.16
23 23 16 00-0187	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	243.96	12.27
23 23 16 00-0188	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	359.83	12.27
23 23 16 00-0189	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	391.51	12.27
23 23 16 00-0190		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0191	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	126.59	10.04
23 23 16 00-0192	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	141.20	10.04
23 23 16 00-0193	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	168.41	11.16
23 23 16 00-0194	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	151.44	10.04
23 23 16 00-0195	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	189.53	11.16
23 23 16 00-0196	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	220.40	11.16
23 23 16 00-0197		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0198	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	114.20	10.04
23 23 16 00-0199	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	126.09	10.04
23 23 16 00-0200	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	152.01	10.04
23 23 16 00-0201	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	203.74	12.27
23 23 16 00-0202	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	265.83	12.27
23 23 16 00-0203	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	315.85	13.38
23 23 16 00-0204	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	400.28	14.50
23 23 16 00-0205	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	738.41	15.62
23 23 16 00-0206	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	825.09	16.73
23 23 16 00-0207	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	1,021.09	16.73
23 23 16 00-0208		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0209		**Thermostatic Expansion Valves** *(23 23 16 00-0208)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0210	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	244.69	10.04
23 23 16 00-0211	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	340.75	11.16
23 23 16 00-0212	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	580.57	11.16
23 23 16 00-0213	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	688.17	12.27
23 23 16 00-0214	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	743.94	12.27
23 23 16 00-0215		**Electric Expansion Valves** *(23 23 16 00-0208)* Note: Sporlan SEI or SEH.		
23 23 16 00-0216	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	603.17	13.95
23 23 16 00-0217	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	698.90	14.50
23 23 16 00-0218	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	795.19	15.06
23 23 16 00-0219	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	933.56	15.06
23 23 16 00-0220	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	1,051.51	15.62
23 23 16 00-0221		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0208)*		
23 23 16 00-0222	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	64.90	14.50
23 23 16 00-0223	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	65.26	16.73
23 23 16 00-0224	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	84.62	21.19
23 23 16 00-0225	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	91.14	25.66
23 23 16 00-0226	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	107.32	31.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0227	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	124.24	35.69
23 23 16 00-0228	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	176.41	13.38
23 23 16 00-0229	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	248.88	14.50
23 23 16 00-0230	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	311.73	14.50
23 23 16 00-0231	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	427.05	15.62
23 23 16 00-0232	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	728.72	16.73
23 23 16 00-0233	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	955.20	16.73
23 23 16 00-0234		**Accumulator, Refrigerant Suction Line** *(23 23 16)*		
23 23 16 00-0235	EA	3/4" Accumulator, Refrigeration Suction Line	206.52	50.75
23 23 16 00-0236	EA	7/8" Accumulator, Refrigeration Suction Line	279.81	69.72
23 23 16 00-0237	EA	1-1/8" Accumulator, Refrigeration Suction Line	332.85	92.92
23 23 16 00-0238	EA	1 3/8" Accumulator, Refrigeration Suction Line	470.67	111.54
23 23 16 00-0239	EA	1-5/8" Accumulator, Refrigeration Suction Line	649.92	139.42
23 23 16 00-0240	EA	2-1/8" Accumulator, Refrigeration Suction Line	990.59	185.94
23 23 16 00-0241		**Special Chemicals/Component** *(23 23 16)*		
23 23 16 00-0242	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	31.80	
23 23 16 00-0243	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	8.65	
23 23 16 00-0244	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	21.86	
23 23 16 00-0245	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	355.92	
23 23 16 00-0246		**Copper Refrigeration Line Sets, Pre-Insulated** *(23 23 16)* Note: Includes fasteners and insulation on suction line only		
23 23 16 00-0247	LF	5/16" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	14.74	0.93
23 23 16 00-0248	LF	5/16" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	15.55	0.93
23 23 16 00-0249	LF	3/8" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	13.89	0.94
23 23 16 00-0250	LF	3/8" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	16.35	0.96
23 23 16 00-0251	LF	3/8" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	19.72	0.98
23 23 16 00-0252	LF	3/8" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	23.19	1.04
23 23 16 00-0253	LF	1/2" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	17.24	0.98
23 23 16 00-0254	LF	1/2" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	21.82	1.05
23 23 16 00-0255	LF	1/2" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	26.41	1.11
23 23 16 00-0256		**Triple Copper Refrigeration Line Sets** *(23 23 16)* Note: Includes fasteners and insulation		
23 23 16 00-0257	LF	1-3/8" / 1-1/8" / 3/4" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	56.34	9.17
23 23 16 00-0258	LF	1-1/8" / 7/8" / 3/4" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	46.02	8.20
23 23 16 00-0259	LF	1-1/8" / 7/8" / 5/8" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	44.42	7.90
23 23 16 00-0260	LF	1-1/8" / 3/4" / 1/2" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	41.58	7.74
23 23 16 00-0261	LF	7/8" / 3/4" / 1/2" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	36.87	7.16
23 23 16 00-0262	LF	5/8" / 1/2" / 3/8" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	29.83	6.25

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001		**Refrigerant** *(23 23 23)*		
23 23 23 00-0002	LB	R-123 Refrigerant	39.57	
23 23 23 00-0003	LB	R-134A Refrigerant	14.10	
23 23 23 00-0004	LB	R-404A Refrigerant	16.78	
23 23 23 00-0005	LB	R-407C Refrigerant	15.09	
23 23 23 00-0006	LB	R-408A Refrigerant	34.39	
23 23 23 00-0007	LB	R-410A Refrigerant	14.78	
23 23 23 00-0008	LB	R-500 Refrigerant	48.35	
23 23 23 00-0009	LB	R-507 Refrigerant	9.41	
23 23 23 00-0010	LB	R-32 Refrigerant	19.72	
23 23 23 00-0011	LB	R-452A Refrigerant	22.06	
23 23 23 00-0012	LB	R-453A Refrigerant	25.67	
23 23 23 00-0013	LB	R-454A Refrigerant	35.10	
23 23 23 00-0014	LB	R-454B Refrigerant	28.14	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001		**Polyethylene Chemical Storage Tanks** *(23 25 13)*		
23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	463.16	93.11
23 25 13 00-0003		**Gas Chlorinator** *(23 25 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,197.24	423.54
		For Booster Pump, Add	*472.51*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,367.85	484.04
		For Booster Pump, Add	*540.12*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,873.21	366.66
		For Booster Pump, Add	*658.28*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	1,102.32	315.66

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,623.25	475.17
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	2,140.81	629.10

23 25 13 00-0013 Floor Mount, 150 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	1,623.25	475.17
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	2,140.81	629.10

23 25 13 00-0016 Floor Mount, 300 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	2,007.96	475.17
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	2,540.28	629.10

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0423 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork And Sealant *(23 31 13 13-0001)*

Note: SMACNA weight for galvanized steel ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.906 Lbs./SF; 24 gauge - 1.156 Lbs./SF; 22 gauge - 1.406 Lbs./SF; 20 gauge - 1.656 Lbs./SF; 18 gauge - 2.156 Lbs./SF; 16 gauge - 2.656 Lbs./SF

23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	13.38	3.53
		For Polyvinyl Chloride (PVC) Coated, Add	*0.50*	
		For Up To 200, Add	*4.76*	
		For >200 To 500, Add	*3.03*	
		For >500 To 1,000, Add	*2.05*	
		For >1,000 To 2,000, Add	*1.15*	
		For >2,000 To 5,000, Add	*0.51*	
		For Work In Restricted Working Space, Add	*3.26*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.63*	
		For Elevated Installation >25' To 30', Add	*2.28*	
		For Elevated Installation >30' To 35', Add	*2.61*	
		For Elevated Installation >35' To 40', Add	*3.26*	
		For Elevated Installation >40', Add	*3.59*	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	15.26	3.53
		For Polyvinyl Chloride (PVC) Coated, Add	*0.55*	
		For Up To 200, Add	*5.40*	
		For >200 To 500, Add	*3.43*	
		For >500 To 1,000, Add	*2.33*	
		For >1,000 To 2,000, Add	*1.30*	
		For >2,000 To 5,000, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.75*	
		For Elevated Installation >10' To 15', Add	*0.75*	
		For Elevated Installation >15' To 20', Add	*1.50*	
		For Elevated Installation >20' To 25', Add	*1.88*	
		For Elevated Installation >25' To 30', Add	*2.63*	
		For Elevated Installation >30' To 35', Add	*3.00*	
		For Elevated Installation >35' To 40', Add	*3.75*	
		For Elevated Installation >40', Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	18.22	3.53
		For Polyvinyl Chloride (PVC) Coated, Add	*0.60*	
		For Up To 200, Add	*6.36*	
		For >200 To 500, Add	*4.03*	
		For >500 To 1,000, Add	*2.76*	
		For >1,000 To 2,000, Add	*1.55*	
		For >2,000 To 5,000, Add	*0.70*	
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.83*	
		For Elevated Installation >20' To 25', Add	*2.28*	
		For Elevated Installation >25' To 30', Add	*3.20*	
		For Elevated Installation >30' To 35', Add	*3.66*	
		For Elevated Installation >35' To 40', Add	*4.57*	
		For Elevated Installation >40', Add	*5.03*	
23 31 13 13-0006		Alloy 3003-H14, Aluminum Sheet Metal Ductwork *(23 31 13 13-0001)* Note: SMACNA weight for aluminum ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.224 Lbs./SF; 24 gauge - 0.282 Lbs./SF; 22 gauge - 0.352 Lbs./SF; 20 gauge - 0.451 Lbs./SF; 18 gauge - 0.563 Lbs./SF; 16 gauge - 0.718 Lbs./SF; 14 gauge – 0.901 Lbs./SF; 12 gauge – 0.141 Lbs./SF		
23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	26.10	3.53
		For Work In Restricted Working Space, Add	*6.45*	
		For Up To 200, Add	*9.21*	
		For >200 To 500, Add	*5.85*	
		For >500 To 1,000, Add	*3.98*	
		For >1,000 To 2,000, Add	*2.23*	
		For >2,000 To 5,000, Add	*1.00*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.22*	
		For Elevated Installation >25' To 30', Add	*4.51*	
		For Elevated Installation >30' To 35', Add	*5.16*	
		For Elevated Installation >35' To 40', Add	*6.45*	
		For Elevated Installation >40', Add	*7.09*	
23 31 13 13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	29.58	3.53
		For Work In Restricted Working Space, Add	*7.42*	
		For Up To 200, Add	*10.33*	
		For >200 To 500, Add	*6.54*	
		For >500 To 1,000, Add	*4.48*	
		For >1,000 To 2,000, Add	*2.51*	
		For >2,000 To 5,000, Add	*1.13*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.97*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.42*	
		For Elevated Installation >40', Add	*8.16*	
23 31 13 13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	35.20	3.53
		For Work In Restricted Working Space, Add	*9.03*	
		For Up To 200, Add	*12.09*	
		For >200 To 500, Add	*7.61*	
		For >500 To 1,000, Add	*5.29*	
		For >1,000 To 2,000, Add	*2.97*	
		For >2,000 To 5,000, Add	*1.36*	
		For Elevated Installation >10' To 15', Add	*1.81*	
		For Elevated Installation >15' To 20', Add	*3.61*	
		For Elevated Installation >20' To 25', Add	*4.51*	
		For Elevated Installation >25' To 30', Add	*6.32*	
		For Elevated Installation >30' To 35', Add	*7.22*	
		For Elevated Installation >35' To 40', Add	*9.03*	
		For Elevated Installation >40', Add	*9.93*	
23 31 13 13-0010		Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)* Note: SMACNA weight for stainless steel ductwork Lbs./SF (surface areas) by gauge: 26 gauge - 0.748 Lbs./SF; 24 gauge - 0.987 Lbs./SF; 22 gauge – 1.231 Lbs./SF; 20 gauge - 1.491 Lbs./SF; 18 gauge - 2.016 Lbs./SF; 16 gauge - 2.499 Lbs./SF; 14 gauge – 3.154 Lbs./SF; Lbs./SF; gauge – 4.427 Lbs./SF		
23 31 13 13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork	19.40	4.71
		For Work In Restricted Working Space, Add	*3.96*	
		For Welded Seams, Add	*6.91*	
		For Up To 200, Add	*7.68*	
		For >200 To 500, Add	*5.04*	
		For >500 To 1,000, Add	*3.15*	
		For >1,000 To 2,000, Add	*1.74*	
		For >2,000 To 5,000, Add	*0.71*	
		For Elevated Installation >10' To 15', Add	*0.79*	
		For Elevated Installation >15' To 20', Add	*1.58*	
		For Elevated Installation >20' To 25', Add	*1.98*	
		For Elevated Installation >25' To 30', Add	*2.77*	
		For Elevated Installation >30' To 35', Add	*3.17*	
		For Elevated Installation >35' To 40', Add	*3.96*	
		For Elevated Installation >40', Add	*4.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0012	LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork	22.38	4.71
		For Work In Restricted Working Space, Add	*4.78*	
		For Welded Seams, Add	*8.29*	
		For Up To 200, Add	*8.65*	
		For >200 To 500, Add	*5.64*	
		For >500 To 1,000, Add	*3.58*	
		For >1,000 To 2,000, Add	*1.98*	
		For >2,000 To 5,000, Add	*0.83*	
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
23 31 13 13-0013	LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork	25.19	4.71
		For Work In Restricted Working Space, Add	*5.55*	
		For Welded Seams, Add	*9.58*	
		For Up To 200, Add	*9.57*	
		For >200 To 500, Add	*6.21*	
		For >500 To 1,000, Add	*4.00*	
		For >1,000 To 2,000, Add	*2.22*	
		For >2,000 To 5,000, Add	*0.94*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.22*	
		For Elevated Installation >20' To 25', Add	*2.77*	
		For Elevated Installation >25' To 30', Add	*3.88*	
		For Elevated Installation >30' To 35', Add	*4.44*	
		For Elevated Installation >35' To 40', Add	*5.55*	
		For Elevated Installation >40', Add	*6.10*	

23 31 13 13-0014 Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*

Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45-degree elbows; 3' for 90-degree elbows, transition, taper, register box; 4' for 45-degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90-degree reducing elbow, 135-degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0015 30 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0016	LF	4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	14.26	7.26
		For Seal Class B, Add	*1.82*	
		For Seal Class A, Add	*3.88*	
		For Work In Restricted Working Space, Add	*3.63*	
23 31 13 13-0017	LF	4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.81	9.08
		For Seal Class B, Add	*2.27*	
		For Seal Class A, Add	*4.84*	
		For Work In Restricted Working Space, Add	*4.54*	
23 31 13 13-0018	LF	4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.38	10.90
		For Seal Class B, Add	*2.72*	
		For Seal Class A, Add	*5.81*	
		For Work In Restricted Working Space, Add	*5.45*	
23 31 13 13-0019	LF	4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.94	12.71
		For Seal Class B, Add	*3.18*	
		For Seal Class A, Add	*6.78*	
		For Work In Restricted Working Space, Add	*6.36*	
23 31 13 13-0020	LF	4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.51	14.53
		For Seal Class B, Add	*3.63*	
		For Seal Class A, Add	*7.75*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0021	LF	4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.06	16.35
		For Seal Class B, Add	*4.09*	
		For Seal Class A, Add	*8.72*	
		For Work In Restricted Working Space, Add	*8.17*	
23 31 13 13-0022	LF	4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.62	18.16
		For Seal Class B, Add	*4.54*	
		For Seal Class A, Add	*9.69*	
		For Work In Restricted Working Space, Add	*9.08*	
23 31 13 13-0023	LF	6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.38	10.90
		For Seal Class B, Add	*2.72*	
		For Seal Class A, Add	*5.81*	
		For Work In Restricted Working Space, Add	*5.45*	
23 31 13 13-0024	LF	6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.94	12.71
		For Seal Class B, Add	*3.18*	
		For Seal Class A, Add	*6.78*	
		For Work In Restricted Working Space, Add	*6.36*	
23 31 13 13-0025	LF	6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.51	14.53
		For Seal Class B, Add	*3.63*	
		For Seal Class A, Add	*7.75*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0026	LF	6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.06	16.35
		For Seal Class B, Add	*4.09*	
		For Seal Class A, Add	*8.72*	
		For Work In Restricted Working Space, Add	*8.17*	
23 31 13 13-0027	LF	6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.62	18.16
		For Seal Class B, Add	*4.54*	
		For Seal Class A, Add	*9.69*	
		For Work In Restricted Working Space, Add	*9.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0028	LF	6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.19	19.98
		For Seal Class B, Add	*4.99*	
		For Seal Class A, Add	*10.65*	
		For Work In Restricted Working Space, Add	*9.99*	
23 31 13 13-0029	LF	8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.51	14.53
		For Seal Class B, Add	*3.63*	
		For Seal Class A, Add	*7.75*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0030	LF	8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.06	16.35
		For Seal Class B, Add	*4.09*	
		For Seal Class A, Add	*8.72*	
		For Work In Restricted Working Space, Add	*8.17*	
23 31 13 13-0031	LF	8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.62	18.16
		For Seal Class B, Add	*4.54*	
		For Seal Class A, Add	*9.69*	
		For Work In Restricted Working Space, Add	*9.08*	
23 31 13 13-0032	LF	8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.19	19.98
		For Seal Class B, Add	*4.99*	
		For Seal Class A, Add	*10.65*	
		For Work In Restricted Working Space, Add	*9.99*	
23 31 13 13-0033	LF	8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.75	21.79
		For Seal Class B, Add	*5.45*	
		For Seal Class A, Add	*11.63*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0034	LF	8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.32	23.61
		For Seal Class B, Add	*5.90*	
		For Seal Class A, Add	*12.59*	
		For Work In Restricted Working Space, Add	*11.81*	
23 31 13 13-0035	LF	8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.86	25.43
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0036	LF	8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.44	27.24
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0037	LF	8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.99	29.06
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*15.49*	
		For Work In Restricted Working Space, Add	*14.53*	
23 31 13 13-0038	LF	10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.62	18.16
		For Seal Class B, Add	*4.54*	
		For Seal Class A, Add	*9.69*	
		For Work In Restricted Working Space, Add	*9.08*	
23 31 13 13-0039	LF	10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.19	19.98
		For Seal Class B, Add	*4.99*	
		For Seal Class A, Add	*10.65*	
		For Work In Restricted Working Space, Add	*9.99*	
23 31 13 13-0040	LF	10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.75	21.79
		For Seal Class B, Add	*5.45*	
		For Seal Class A, Add	*11.63*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0041	LF	10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.32	23.61
		For Seal Class B, Add	*5.90*	
		For Seal Class A, Add	*12.59*	
		For Work In Restricted Working Space, Add	*11.81*	
23 31 13 13-0042	LF	10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.86	25.43
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0043	LF	10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.44	27.24
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0044	LF	10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.99	29.06
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*15.49*	
		For Work In Restricted Working Space, Add	*14.53*	
23 31 13 13-0045	LF	10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.58	30.88
		For Seal Class B, Add	*7.72*	
		For Seal Class A, Add	*16.47*	
		For Work In Restricted Working Space, Add	*15.44*	
23 31 13 13-0046	LF	12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.75	21.79
		For Seal Class B, Add	*5.45*	
		For Seal Class A, Add	*11.63*	
		For Work In Restricted Working Space, Add	*10.90*	
23 31 13 13-0047	LF	12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.32	23.61
		For Seal Class B, Add	*5.90*	
		For Seal Class A, Add	*12.59*	
		For Work In Restricted Working Space, Add	*11.81*	
23 31 13 13-0048	LF	12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.86	25.43
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0049	LF	12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.44	27.24
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0050	LF	12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.99	29.06
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*15.49*	
		For Work In Restricted Working Space, Add	*14.53*	
23 31 13 13-0051	LF	12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.58	30.88
		For Seal Class B, Add	*7.72*	
		For Seal Class A, Add	*16.47*	
		For Work In Restricted Working Space, Add	*15.44*	
23 31 13 13-0052	LF	12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.13	32.69
		For Seal Class B, Add	*8.17*	
		For Seal Class A, Add	*17.44*	
		For Work In Restricted Working Space, Add	*16.35*	
23 31 13 13-0053	LF	14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.86	25.43
		For Seal Class B, Add	*6.36*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0054	LF	14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.44	27.24
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0055	LF	14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.99	29.06
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*15.49*	
		For Work In Restricted Working Space, Add	*14.53*	
23 31 13 13-0056	LF	14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.58	30.88
		For Seal Class B, Add	*7.72*	
		For Seal Class A, Add	*16.47*	
		For Work In Restricted Working Space, Add	*15.44*	
23 31 13 13-0057	LF	14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.13	32.69
		For Seal Class B, Add	*8.17*	
		For Seal Class A, Add	*17.44*	
		For Work In Restricted Working Space, Add	*16.35*	
23 31 13 13-0058	LF	14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.70	34.51
		For Seal Class B, Add	*8.63*	
		For Seal Class A, Add	*18.40*	
		For Work In Restricted Working Space, Add	*17.25*	
23 31 13 13-0059	LF	16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.99	29.06
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*15.49*	
		For Work In Restricted Working Space, Add	*14.53*	
23 31 13 13-0060	LF	16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.58	30.88
		For Seal Class B, Add	*7.72*	
		For Seal Class A, Add	*16.47*	
		For Work In Restricted Working Space, Add	*15.44*	
23 31 13 13-0061	LF	16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.13	32.69
		For Seal Class B, Add	*8.17*	
		For Seal Class A, Add	*17.44*	
		For Work In Restricted Working Space, Add	*16.35*	
23 31 13 13-0062	LF	16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.70	34.51
		For Seal Class B, Add	*8.63*	
		For Seal Class A, Add	*18.40*	
		For Work In Restricted Working Space, Add	*17.25*	
23 31 13 13-0063	LF	16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.25	36.33
		For Seal Class B, Add	*9.08*	
		For Seal Class A, Add	*19.37*	
		For Work In Restricted Working Space, Add	*18.16*	
23 31 13 13-0064	LF	18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.13	32.69
		For Seal Class B, Add	*8.17*	
		For Seal Class A, Add	*17.44*	
		For Work In Restricted Working Space, Add	*16.35*	
23 31 13 13-0065	LF	18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.70	34.51
		For Seal Class B, Add	*8.63*	
		For Seal Class A, Add	*18.40*	
		For Work In Restricted Working Space, Add	*17.25*	
23 31 13 13-0066	LF	18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.25	36.33
		For Seal Class B, Add	*9.08*	
		For Seal Class A, Add	*19.37*	
		For Work In Restricted Working Space, Add	*18.16*	
23 31 13 13-0067	LF	18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.80	38.14
		For Seal Class B, Add	*9.53*	
		For Seal Class A, Add	*20.34*	
		For Work In Restricted Working Space, Add	*19.07*	
23 31 13 13-0068	LF	20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.25	36.33
		For Seal Class B, Add	*9.08*	
		For Seal Class A, Add	*19.37*	
		For Work In Restricted Working Space, Add	*18.16*	
23 31 13 13-0069	LF	20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.80	38.14
		For Seal Class B, Add	*9.53*	
		For Seal Class A, Add	*20.34*	
		For Work In Restricted Working Space, Add	*19.07*	
23 31 13 13-0070	LF	20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.38	39.95
		For Seal Class B, Add	*9.99*	
		For Seal Class A, Add	*21.31*	
		For Work In Restricted Working Space, Add	*19.98*	
23 31 13 13-0071	LF	22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.38	39.95
		For Seal Class B, Add	*9.99*	
		For Seal Class A, Add	*21.31*	
		For Work In Restricted Working Space, Add	*19.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0072	LF	22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.93	41.78
		For Seal Class B, Add	*10.44*	
		For Seal Class A, Add	*22.28*	
		For Work In Restricted Working Space, Add	*20.88*	
23 31 13 13-0073	LF	24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.51	43.59
		For Seal Class B, Add	*10.90*	
		For Seal Class A, Add	*23.24*	
		For Work In Restricted Working Space, Add	*21.79*	

23 31 13 13-0074 28 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0075	LF	4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	16.96	8.65
		For Seal Class B, Add	*2.16*	
		For Seal Class A, Add	*4.61*	
		For Work In Restricted Working Space, Add	*4.33*	
23 31 13 13-0076	LF	4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.22	10.81
		For Seal Class B, Add	*2.70*	
		For Seal Class A, Add	*5.77*	
		For Work In Restricted Working Space, Add	*5.41*	
23 31 13 13-0077	LF	4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.46	12.97
		For Seal Class B, Add	*3.24*	
		For Seal Class A, Add	*6.92*	
		For Work In Restricted Working Space, Add	*6.49*	
23 31 13 13-0078	LF	4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.68	15.14
		For Seal Class B, Add	*3.78*	
		For Seal Class A, Add	*8.07*	
		For Work In Restricted Working Space, Add	*7.57*	
23 31 13 13-0079	LF	4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.93	17.30
		For Seal Class B, Add	*4.32*	
		For Seal Class A, Add	*9.22*	
		For Work In Restricted Working Space, Add	*8.65*	
23 31 13 13-0080	LF	4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.16	19.45
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 13-0081	LF	4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.41	21.63
		For Seal Class B, Add	*5.41*	
		For Seal Class A, Add	*11.53*	
		For Work In Restricted Working Space, Add	*10.81*	
23 31 13 13-0082	LF	6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.46	12.97
		For Seal Class B, Add	*3.24*	
		For Seal Class A, Add	*6.92*	
		For Work In Restricted Working Space, Add	*6.49*	
23 31 13 13-0083	LF	6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.68	15.14
		For Seal Class B, Add	*3.78*	
		For Seal Class A, Add	*8.07*	
		For Work In Restricted Working Space, Add	*7.57*	
23 31 13 13-0084	LF	6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.93	17.30
		For Seal Class B, Add	*4.32*	
		For Seal Class A, Add	*9.22*	
		For Work In Restricted Working Space, Add	*8.65*	
23 31 13 13-0085	LF	6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.16	19.45
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 13-0086	LF	6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.41	21.63
		For Seal Class B, Add	*5.41*	
		For Seal Class A, Add	*11.53*	
		For Work In Restricted Working Space, Add	*10.81*	
23 31 13 13-0087	LF	6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.66	23.79
		For Seal Class B, Add	*5.95*	
		For Seal Class A, Add	*12.68*	
		For Work In Restricted Working Space, Add	*11.89*	
23 31 13 13-0088	LF	8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.93	17.30
		For Seal Class B, Add	*4.32*	
		For Seal Class A, Add	*9.22*	
		For Work In Restricted Working Space, Add	*8.65*	
23 31 13 13-0089	LF	8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.16	19.45
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 13-0090	LF	8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.41	21.63
		For Seal Class B, Add	*5.41*	
		For Seal Class A, Add	*11.53*	
		For Work In Restricted Working Space, Add	*10.81*	
23 31 13 13-0091	LF	8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.66	23.79
		For Seal Class B, Add	*5.95*	
		For Seal Class A, Add	*12.68*	
		For Work In Restricted Working Space, Add	*11.89*	
23 31 13 13-0092	LF	8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.89	25.94
		For Seal Class B, Add	*6.49*	
		For Seal Class A, Add	*13.84*	
		For Work In Restricted Working Space, Add	*12.97*	
23 31 13 13-0093	LF	8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.12	28.11
		For Seal Class B, Add	*7.03*	
		For Seal Class A, Add	*14.99*	
		For Work In Restricted Working Space, Add	*14.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0094	LF	8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.39	30.27
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.14*	
23 31 13 13-0095	LF	8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.61	32.42
		For Seal Class B, Add	*8.11*	
		For Seal Class A, Add	*17.30*	
		For Work In Restricted Working Space, Add	*16.22*	
23 31 13 13-0096	LF	8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.87	34.59
		For Seal Class B, Add	*8.65*	
		For Seal Class A, Add	*18.45*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 13-0097	LF	10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.41	21.63
		For Seal Class B, Add	*5.41*	
		For Seal Class A, Add	*11.53*	
		For Work In Restricted Working Space, Add	*10.81*	
23 31 13 13-0098	LF	10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.66	23.79
		For Seal Class B, Add	*5.95*	
		For Seal Class A, Add	*12.68*	
		For Work In Restricted Working Space, Add	*11.89*	
23 31 13 13-0099	LF	10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.89	25.94
		For Seal Class B, Add	*6.49*	
		For Seal Class A, Add	*13.84*	
		For Work In Restricted Working Space, Add	*12.97*	
23 31 13 13-0100	LF	10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.12	28.11
		For Seal Class B, Add	*7.03*	
		For Seal Class A, Add	*14.99*	
		For Work In Restricted Working Space, Add	*14.05*	
23 31 13 13-0101	LF	10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.39	30.27
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.14*	
23 31 13 13-0102	LF	10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.61	32.42
		For Seal Class B, Add	*8.11*	
		For Seal Class A, Add	*17.30*	
		For Work In Restricted Working Space, Add	*16.22*	
23 31 13 13-0103	LF	10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.87	34.59
		For Seal Class B, Add	*8.65*	
		For Seal Class A, Add	*18.45*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 13-0104	LF	10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.11	36.76
		For Seal Class B, Add	*9.19*	
		For Seal Class A, Add	*19.60*	
		For Work In Restricted Working Space, Add	*18.38*	
23 31 13 13-0105	LF	12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.89	25.94
		For Seal Class B, Add	*6.49*	
		For Seal Class A, Add	*13.84*	
		For Work In Restricted Working Space, Add	*12.97*	
23 31 13 13-0106	LF	12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.12	28.11
		For Seal Class B, Add	*7.03*	
		For Seal Class A, Add	*14.99*	
		For Work In Restricted Working Space, Add	*14.05*	
23 31 13 13-0107	LF	12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.39	30.27
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.14*	
23 31 13 13-0108	LF	12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.61	32.42
		For Seal Class B, Add	*8.11*	
		For Seal Class A, Add	*17.30*	
		For Work In Restricted Working Space, Add	*16.22*	
23 31 13 13-0109	LF	12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.87	34.59
		For Seal Class B, Add	*8.65*	
		For Seal Class A, Add	*18.45*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 13-0110	LF	12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.11	36.76
		For Seal Class B, Add	*9.19*	
		For Seal Class A, Add	*19.60*	
		For Work In Restricted Working Space, Add	*18.38*	
23 31 13 13-0111	LF	12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.35	38.91
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0112	LF	14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.39	30.27
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.14*	
23 31 13 13-0113	LF	14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.61	32.42
		For Seal Class B, Add	*8.11*	
		For Seal Class A, Add	*17.30*	
		For Work In Restricted Working Space, Add	*16.22*	
23 31 13 13-0114	LF	14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.87	34.59
		For Seal Class B, Add	*8.65*	
		For Seal Class A, Add	*18.45*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 13-0115	LF	14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.11	36.76
		For Seal Class B, Add	*9.19*	
		For Seal Class A, Add	*19.60*	
		For Work In Restricted Working Space, Add	*18.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.35	38.91
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.60	41.08
		For Seal Class B, Add	*10.27*	
		For Seal Class A, Add	*21.91*	
		For Work In Restricted Working Space, Add	*20.54*	
23 31 13 13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.87	34.59
		For Seal Class B, Add	*8.65*	
		For Seal Class A, Add	*18.45*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.11	36.76
		For Seal Class B, Add	*9.19*	
		For Seal Class A, Add	*19.60*	
		For Work In Restricted Working Space, Add	*18.38*	
23 31 13 13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.35	38.91
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.60	41.08
		For Seal Class B, Add	*10.27*	
		For Seal Class A, Add	*21.91*	
		For Work In Restricted Working Space, Add	*20.54*	
23 31 13 13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.83	43.24
		For Seal Class B, Add	*10.81*	
		For Seal Class A, Add	*23.06*	
		For Work In Restricted Working Space, Add	*21.62*	
23 31 13 13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.35	38.91
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.60	41.08
		For Seal Class B, Add	*10.27*	
		For Seal Class A, Add	*21.91*	
		For Work In Restricted Working Space, Add	*20.54*	
23 31 13 13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.83	43.24
		For Seal Class B, Add	*10.81*	
		For Seal Class A, Add	*23.06*	
		For Work In Restricted Working Space, Add	*21.62*	
23 31 13 13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.06	45.41
		For Seal Class B, Add	*11.35*	
		For Seal Class A, Add	*24.21*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.83	43.24
		For Seal Class B, Add	*10.81*	
		For Seal Class A, Add	*23.06*	
		For Work In Restricted Working Space, Add	*21.62*	
23 31 13 13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.06	45.41
		For Seal Class B, Add	*11.35*	
		For Seal Class A, Add	*24.21*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.32	47.56
		For Seal Class B, Add	*11.89*	
		For Seal Class A, Add	*25.37*	
		For Work In Restricted Working Space, Add	*23.78*	
23 31 13 13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.32	47.56
		For Seal Class B, Add	*11.89*	
		For Seal Class A, Add	*25.37*	
		For Work In Restricted Working Space, Add	*23.78*	
23 31 13 13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.55	49.73
		For Seal Class B, Add	*12.43*	
		For Seal Class A, Add	*26.52*	
		For Work In Restricted Working Space, Add	*24.86*	
23 31 13 13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.78	51.90
		For Seal Class B, Add	*12.97*	
		For Seal Class A, Add	*27.67*	
		For Work In Restricted Working Space, Add	*25.94*	

23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	19.68	10.03
		For Seal Class B, Add	*2.51*	
		For Seal Class A, Add	*5.35*	
		For Work In Restricted Working Space, Add	*5.02*	
23 31 13 13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.61	12.54
		For Seal Class B, Add	*3.14*	
		For Seal Class A, Add	*6.69*	
		For Work In Restricted Working Space, Add	*6.27*	
23 31 13 13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.52	15.05
		For Seal Class B, Add	*3.76*	
		For Seal Class A, Add	*8.03*	
		For Work In Restricted Working Space, Add	*7.52*	
23 31 13 13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.44	17.56
		For Seal Class B, Add	*4.39*	
		For Seal Class A, Add	*9.36*	
		For Work In Restricted Working Space, Add	*8.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0138	LF	4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.36	20.07
		For Seal Class B, Add	*5.02*	
		For Seal Class A, Add	*10.70*	
		For Work In Restricted Working Space, Add	*10.03*	
23 31 13 13-0139	LF	4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.28	22.58
		For Seal Class B, Add	*5.64*	
		For Seal Class A, Add	*12.04*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0140	LF	4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.20	25.08
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*13.38*	
		For Work In Restricted Working Space, Add	*12.54*	
23 31 13 13-0141	LF	6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.52	15.05
		For Seal Class B, Add	*3.76*	
		For Seal Class A, Add	*8.03*	
		For Work In Restricted Working Space, Add	*7.52*	
23 31 13 13-0142	LF	6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.44	17.56
		For Seal Class B, Add	*4.39*	
		For Seal Class A, Add	*9.36*	
		For Work In Restricted Working Space, Add	*8.78*	
23 31 13 13-0143	LF	6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.36	20.07
		For Seal Class B, Add	*5.02*	
		For Seal Class A, Add	*10.70*	
		For Work In Restricted Working Space, Add	*10.03*	
23 31 13 13-0144	LF	6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.28	22.58
		For Seal Class B, Add	*5.64*	
		For Seal Class A, Add	*12.04*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0145	LF	6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.20	25.08
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*13.38*	
		For Work In Restricted Working Space, Add	*12.54*	
23 31 13 13-0146	LF	6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.13	27.59
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.71*	
		For Work In Restricted Working Space, Add	*13.79*	
23 31 13 13-0147	LF	8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.36	20.07
		For Seal Class B, Add	*5.02*	
		For Seal Class A, Add	*10.70*	
		For Work In Restricted Working Space, Add	*10.03*	
23 31 13 13-0148	LF	8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.28	22.58
		For Seal Class B, Add	*5.64*	
		For Seal Class A, Add	*12.04*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0149	LF	8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.21	25.08
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*13.38*	
		For Work In Restricted Working Space, Add	*12.54*	
23 31 13 13-0150	LF	8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.13	27.59
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.71*	
		For Work In Restricted Working Space, Add	*13.79*	
23 31 13 13-0151	LF	8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.05	30.10
		For Seal Class B, Add	*7.53*	
		For Seal Class A, Add	*16.05*	
		For Work In Restricted Working Space, Add	*15.05*	
23 31 13 13-0152	LF	8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.96	32.61
		For Seal Class B, Add	*8.15*	
		For Seal Class A, Add	*17.39*	
		For Work In Restricted Working Space, Add	*16.30*	
23 31 13 13-0153	LF	8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.87	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.73*	
		For Work In Restricted Working Space, Add	*17.56*	
23 31 13 13-0154	LF	8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	37.62
		For Seal Class B, Add	*9.41*	
		For Seal Class A, Add	*20.06*	
		For Work In Restricted Working Space, Add	*18.81*	
23 31 13 13-0155	LF	8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.72	40.13
		For Seal Class B, Add	*10.03*	
		For Seal Class A, Add	*21.40*	
		For Work In Restricted Working Space, Add	*20.06*	
23 31 13 13-0156	LF	10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.21	25.08
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*13.38*	
		For Work In Restricted Working Space, Add	*12.54*	
23 31 13 13-0157	LF	10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.12	27.59
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.71*	
		For Work In Restricted Working Space, Add	*13.79*	
23 31 13 13-0158	LF	10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.05	30.10
		For Seal Class B, Add	*7.53*	
		For Seal Class A, Add	*16.05*	
		For Work In Restricted Working Space, Add	*15.05*	
23 31 13 13-0159	LF	10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.96	32.61
		For Seal Class B, Add	*8.15*	
		For Seal Class A, Add	*17.39*	
		For Work In Restricted Working Space, Add	*16.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0160	LF	10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.87	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.73*	
		For Work In Restricted Working Space, Add	*17.56*	
23 31 13 13-0161	LF	10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	37.62
		For Seal Class B, Add	*9.41*	
		For Seal Class A, Add	*20.06*	
		For Work In Restricted Working Space, Add	*18.81*	
23 31 13 13-0162	LF	10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.72	40.13
		For Seal Class B, Add	*10.03*	
		For Seal Class A, Add	*21.40*	
		For Work In Restricted Working Space, Add	*20.06*	
23 31 13 13-0163	LF	10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.65	42.65
		For Seal Class B, Add	*10.66*	
		For Seal Class A, Add	*22.74*	
		For Work In Restricted Working Space, Add	*21.32*	
23 31 13 13-0164	LF	12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.05	30.10
		For Seal Class B, Add	*7.53*	
		For Seal Class A, Add	*16.05*	
		For Work In Restricted Working Space, Add	*15.05*	
23 31 13 13-0165	LF	12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.96	32.61
		For Seal Class B, Add	*8.15*	
		For Seal Class A, Add	*17.39*	
		For Work In Restricted Working Space, Add	*16.30*	
23 31 13 13-0166	LF	12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.87	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.73*	
		For Work In Restricted Working Space, Add	*17.56*	
23 31 13 13-0167	LF	12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	37.62
		For Seal Class B, Add	*9.41*	
		For Seal Class A, Add	*20.06*	
		For Work In Restricted Working Space, Add	*18.81*	
23 31 13 13-0168	LF	12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.72	40.13
		For Seal Class B, Add	*10.03*	
		For Seal Class A, Add	*21.40*	
		For Work In Restricted Working Space, Add	*20.06*	
23 31 13 13-0169	LF	12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.65	42.65
		For Seal Class B, Add	*10.66*	
		For Seal Class A, Add	*22.74*	
		For Work In Restricted Working Space, Add	*21.32*	
23 31 13 13-0170	LF	12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.15
		For Seal Class B, Add	*11.29*	
		For Seal Class A, Add	*24.08*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0171	LF	14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.87	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.73*	
		For Work In Restricted Working Space, Add	*17.56*	
23 31 13 13-0172	LF	14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	37.62
		For Seal Class B, Add	*9.41*	
		For Seal Class A, Add	*20.06*	
		For Work In Restricted Working Space, Add	*18.81*	
23 31 13 13-0173	LF	14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.72	40.13
		For Seal Class B, Add	*10.03*	
		For Seal Class A, Add	*21.40*	
		For Work In Restricted Working Space, Add	*20.06*	
23 31 13 13-0174	LF	14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.65	42.65
		For Seal Class B, Add	*10.66*	
		For Seal Class A, Add	*22.74*	
		For Work In Restricted Working Space, Add	*21.32*	
23 31 13 13-0175	LF	14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.15
		For Seal Class B, Add	*11.29*	
		For Seal Class A, Add	*24.08*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0176	LF	14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.50	47.66
		For Seal Class B, Add	*11.91*	
		For Seal Class A, Add	*25.42*	
		For Work In Restricted Working Space, Add	*23.83*	
23 31 13 13-0177	LF	16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.72	40.13
		For Seal Class B, Add	*10.03*	
		For Seal Class A, Add	*21.40*	
		For Work In Restricted Working Space, Add	*20.06*	
23 31 13 13-0178	LF	16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.65	42.65
		For Seal Class B, Add	*10.66*	
		For Seal Class A, Add	*22.74*	
		For Work In Restricted Working Space, Add	*21.32*	
23 31 13 13-0179	LF	16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.15
		For Seal Class B, Add	*11.29*	
		For Seal Class A, Add	*24.08*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0180	LF	16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.50	47.66
		For Seal Class B, Add	*11.91*	
		For Seal Class A, Add	*25.42*	
		For Work In Restricted Working Space, Add	*23.83*	
23 31 13 13-0181	LF	16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.40	50.17
		For Seal Class B, Add	*12.54*	
		For Seal Class A, Add	*26.75*	
		For Work In Restricted Working Space, Add	*25.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0182	LF	18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.15
		For Seal Class B, Add	*11.29*	
		For Seal Class A, Add	*24.08*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0183	LF	18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.50	47.66
		For Seal Class B, Add	*11.91*	
		For Seal Class A, Add	*25.42*	
		For Work In Restricted Working Space, Add	*23.83*	
23 31 13 13-0184	LF	18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.40	50.17
		For Seal Class B, Add	*12.54*	
		For Seal Class A, Add	*26.75*	
		For Work In Restricted Working Space, Add	*25.08*	
23 31 13 13-0185	LF	18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.32	52.68
		For Seal Class B, Add	*13.17*	
		For Seal Class A, Add	*28.09*	
		For Work In Restricted Working Space, Add	*26.33*	
23 31 13 13-0186	LF	20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.40	50.17
		For Seal Class B, Add	*12.54*	
		For Seal Class A, Add	*26.75*	
		For Work In Restricted Working Space, Add	*25.08*	
23 31 13 13-0187	LF	20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.32	52.68
		For Seal Class B, Add	*13.17*	
		For Seal Class A, Add	*28.09*	
		For Work In Restricted Working Space, Add	*26.33*	
23 31 13 13-0188	LF	20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.23	55.18
		For Seal Class B, Add	*13.79*	
		For Seal Class A, Add	*29.43*	
		For Work In Restricted Working Space, Add	*27.59*	
23 31 13 13-0189	LF	22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.23	55.18
		For Seal Class B, Add	*13.79*	
		For Seal Class A, Add	*29.43*	
		For Work In Restricted Working Space, Add	*27.59*	
23 31 13 13-0190	LF	22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.17	57.69
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0191	LF	24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.10	60.20
		For Seal Class B, Add	*15.05*	
		For Seal Class A, Add	*32.11*	
		For Work In Restricted Working Space, Add	*30.10*	

23 31 13 13-0192 24 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0193	LF	4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.73	15.57
		For Seal Class B, Add	*3.89*	
		For Seal Class A, Add	*8.30*	
		For Work In Restricted Working Space, Add	*7.79*	
23 31 13 13-0194	LF	4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.15	19.45
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.38*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 13-0195	LF	4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.60	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0196	LF	4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.02	27.25
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0197	LF	4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.45	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	
23 31 13 13-0198	LF	4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.88	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	
23 31 13 13-0199	LF	4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.32	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0200	LF	6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.60	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0201	LF	6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.02	27.25
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0202	LF	6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.45	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	
23 31 13 13-0203	LF	6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.88	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0204	LF	6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.32	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0205	LF	6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.75	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0206	LF	8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.45	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	
23 31 13 13-0207	LF	8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.88	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	
23 31 13 13-0208	LF	8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.32	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0209	LF	8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.75	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0210	LF	8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.18	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0211	LF	8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.60	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0212	LF	8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.04	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0213	LF	8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.46	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0214	LF	8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.90	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0215	LF	10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.32	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0216	LF	10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.75	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0217	LF	10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.18	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.60	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.04	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.46	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.90	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.33	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	133.78	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.20	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0226	LF	12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.18	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0227	LF	12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.60	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0228	LF	12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.04	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0229	LF	12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.46	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0230	LF	12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.90	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0231	LF	12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.33	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0232	LF	12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	133.78	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0233	LF	12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.20	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0234	LF	12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0235	LF	12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.06	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0236	LF	14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.04	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0237	LF	14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.46	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0238	LF	14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.90	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0239	LF	14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.33	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0240	LF	14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	133.78	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0241	LF	14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.20	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0242	LF	14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0243	LF	14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.06	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0244	LF	14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.49	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0245	LF	16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	118.90	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0246	LF	16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.33	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0247	LF	16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	133.78	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0248	LF	16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.20	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0249	LF	16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0250	LF	16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.06	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0251	LF	16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.49	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0252	LF	16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.92	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0253	LF	18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	133.78	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0254	LF	18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.20	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0255	LF	18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0256	LF	18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.06	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0257	LF	18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.49	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0258	LF	18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.92	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0259	LF	18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.36	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0260	LF	20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.63	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0261	LF	20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.06	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0262	LF	20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.49	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0263	LF	20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.92	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0264	LF	20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.36	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0265	LF	20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.78	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0266	LF	22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.49	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0267	LF	22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.92	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0268	LF	22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.36	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0269	LF	22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.78	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0270	LF	22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.22	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0271	LF	24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.36	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0272	LF	24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.78	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0273	LF	24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.22	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0274	LF	24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	200.64	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0275	LF	26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.22	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0276	LF	26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	200.64	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0277	LF	26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.07	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0278	LF	28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.07	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0279	LF	28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.50	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0280	LF	30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.96	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	

23 31 13 13-0281 22 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0282	LF	4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.54	15.57
		For Seal Class B, Add	*3.89*	
		For Seal Class A, Add	*8.30*	
		For Work In Restricted Working Space, Add	*7.79*	
23 31 13 13-0283	LF	4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.17	19.45
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.38*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 13-0284	LF	4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.82	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0285	LF	4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.45	27.25
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0286	LF	4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.09	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	
23 31 13 13-0287	LF	4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.72	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	
23 31 13 13-0288	LF	4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.36	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0289	LF	6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.82	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0290	LF	6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.45	27.25
		For Seal Class B, Add	*6.81*	
		For Seal Class A, Add	*14.53*	
		For Work In Restricted Working Space, Add	*13.62*	
23 31 13 13-0291	LF	6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.09	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0292	LF	6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.72	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	
23 31 13 13-0293	LF	6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.36	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0294	LF	6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.99	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0295	LF	8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.09	31.14
		For Seal Class B, Add	*7.79*	
		For Seal Class A, Add	*16.61*	
		For Work In Restricted Working Space, Add	*15.57*	
23 31 13 13-0296	LF	8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.72	35.03
		For Seal Class B, Add	*8.76*	
		For Seal Class A, Add	*18.68*	
		For Work In Restricted Working Space, Add	*17.51*	
23 31 13 13-0297	LF	8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.36	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0298	LF	8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.99	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0299	LF	8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.63	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0300	LF	8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.26	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0301	LF	8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.90	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0302	LF	8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.53	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0303	LF	8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.16	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0304	LF	10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.36	38.93
		For Seal Class B, Add	*9.73*	
		For Seal Class A, Add	*20.76*	
		For Work In Restricted Working Space, Add	*19.46*	
23 31 13 13-0305	LF	10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.99	42.82
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.84*	
		For Work In Restricted Working Space, Add	*21.41*	
23 31 13 13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.63	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.26	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.90	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.53	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.16	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.80	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.45	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.08	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0314	LF	10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0315	LF	10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0316	LF	12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.63	46.70
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0317	LF	12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.26	50.60
		For Seal Class B, Add	*12.65*	
		For Seal Class A, Add	*26.99*	
		For Work In Restricted Working Space, Add	*25.30*	
23 31 13 13-0318	LF	12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.90	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0319	LF	12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.53	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0320	LF	12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.16	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0321	LF	12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.80	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0322	LF	12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.45	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0323	LF	12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.08	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0324	LF	12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0325	LF	12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0326	LF	12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0327	LF	12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0328	LF	12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0329	LF	14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.90	54.50
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.06*	
		For Work In Restricted Working Space, Add	*27.25*	
23 31 13 13-0330	LF	14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.53	58.38
		For Seal Class B, Add	*14.60*	
		For Seal Class A, Add	*31.14*	
		For Work In Restricted Working Space, Add	*29.19*	
23 31 13 13-0331	LF	14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.16	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0332	LF	14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.80	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0333	LF	14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.45	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0334	LF	14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.08	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0335	LF	14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0336	LF	14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0337	LF	14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0338	LF	14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0339	LF	14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0340	LF	14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0341	LF	16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.16	62.28
		For Seal Class B, Add	*15.57*	
		For Seal Class A, Add	*33.21*	
		For Work In Restricted Working Space, Add	*31.14*	
23 31 13 13-0342	LF	16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.80	66.17
		For Seal Class B, Add	*16.54*	
		For Seal Class A, Add	*35.29*	
		For Work In Restricted Working Space, Add	*33.08*	
23 31 13 13-0343	LF	16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.45	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0344	LF	16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.08	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-0345	LF	16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0346	LF	16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0347	LF	16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0348	LF	16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0349	LF	16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0350	LF	16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0351	LF	16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0352	LF	16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0353	LF	16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0354	LF	16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0355	LF	16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0356	LF	18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.45	70.06
		For Seal Class B, Add	*17.52*	
		For Seal Class A, Add	*37.37*	
		For Work In Restricted Working Space, Add	*35.03*	
23 31 13 13-0357	LF	18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.08	73.95
		For Seal Class B, Add	*18.49*	
		For Seal Class A, Add	*39.44*	
		For Work In Restricted Working Space, Add	*36.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0358	LF	18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0359	LF	18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0360	LF	18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0361	LF	18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0362	LF	18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0363	LF	18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0364	LF	18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0365	LF	18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0366	LF	18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0367	LF	18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0368	LF	18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0369	LF	18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0370	LF	18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0371	LF	20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.72	77.85
		For Seal Class B, Add	*19.46*	
		For Seal Class A, Add	*41.52*	
		For Work In Restricted Working Space, Add	*38.93*	
23 31 13 13-0372	LF	20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.35	81.74
		For Seal Class B, Add	*20.43*	
		For Seal Class A, Add	*43.59*	
		For Work In Restricted Working Space, Add	*40.87*	
23 31 13 13-0373	LF	20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0374	LF	20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0375	LF	20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0376	LF	20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0377	LF	20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0378	LF	20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0379	LF	20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0380	LF	20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0381	LF	20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0382	LF	20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0383	LF	20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0384	LF	20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0385	LF	20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0386	LF	22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.98	85.63
		For Seal Class B, Add	*21.41*	
		For Seal Class A, Add	*45.67*	
		For Work In Restricted Working Space, Add	*42.82*	
23 31 13 13-0387	LF	22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.61	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.74*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0388	LF	22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0389	LF	22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	
23 31 13 13-0390	LF	22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0391	LF	22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0392	LF	22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0393	LF	22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.26	93.42
		For Seal Class B, Add	*23.36*	
		For Seal Class A, Add	*49.82*	
		For Work In Restricted Working Space, Add	*46.71*	
23 31 13 13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.89	97.30
		For Seal Class B, Add	*24.33*	
		For Seal Class A, Add	*51.90*	
		For Work In Restricted Working Space, Add	*48.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0402	LF	24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0403	LF	24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0404	LF	24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0405	LF	24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0406	LF	24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0407	LF	24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0408	LF	24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0409	LF	24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0410	LF	24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0411	LF	24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0412	LF	24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0413	LF	26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.53	101.21
		For Seal Class B, Add	*25.30*	
		For Seal Class A, Add	*53.97*	
		For Work In Restricted Working Space, Add	*50.60*	
23 31 13 13-0414	LF	26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.16	105.10
		For Seal Class B, Add	*26.27*	
		For Seal Class A, Add	*56.05*	
		For Work In Restricted Working Space, Add	*52.55*	
23 31 13 13-0415	LF	26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0416	LF	26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0417	LF	26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0418	LF	26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0419	LF	26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0420	LF	26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0421	LF	26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0422	LF	26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0423	LF	26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.78	108.98
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.12*	
		For Work In Restricted Working Space, Add	*54.49*	
23 31 13 13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.42	112.87
		For Seal Class B, Add	*28.22*	
		For Seal Class A, Add	*60.20*	
		For Work In Restricted Working Space, Add	*56.44*	
23 31 13 13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.08	116.78
		For Seal Class B, Add	*29.19*	
		For Seal Class A, Add	*62.28*	
		For Work In Restricted Working Space, Add	*58.39*	
23 31 13 13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.71	120.66
		For Seal Class B, Add	*30.17*	
		For Seal Class A, Add	*64.36*	
		For Work In Restricted Working Space, Add	*60.33*	
23 31 13 13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.79	151.80
		For Seal Class B, Add	*37.95*	
		For Seal Class A, Add	*80.96*	
		For Work In Restricted Working Space, Add	*75.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0446	LF	32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	244.34	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0447	LF	32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.98	128.45
		For Seal Class B, Add	*32.11*	
		For Seal Class A, Add	*68.51*	
		For Work In Restricted Working Space, Add	*64.22*	
23 31 13 13-0448	LF	32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0449	LF	32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0450	LF	32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0451	LF	32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0452	LF	32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0453	LF	32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.79	151.80
		For Seal Class B, Add	*37.95*	
		For Seal Class A, Add	*80.96*	
		For Work In Restricted Working Space, Add	*75.90*	
23 31 13 13-0454	LF	32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.41	155.70
		For Seal Class B, Add	*38.92*	
		For Seal Class A, Add	*83.03*	
		For Work In Restricted Working Space, Add	*77.84*	
23 31 13 13-0455	LF	34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.60	132.35
		For Seal Class B, Add	*33.08*	
		For Seal Class A, Add	*70.58*	
		For Work In Restricted Working Space, Add	*66.17*	
23 31 13 13-0456	LF	34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	267.24	136.23
		For Seal Class B, Add	*34.06*	
		For Seal Class A, Add	*72.66*	
		For Work In Restricted Working Space, Add	*68.12*	
23 31 13 13-0457	LF	34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0458	LF	34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0459	LF	34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0460	LF	34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.79	151.80
		For Seal Class B, Add	*37.95*	
		For Seal Class A, Add	*80.96*	
		For Work In Restricted Working Space, Add	*75.90*	
23 31 13 13-0461	LF	34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.41	155.70
		For Seal Class B, Add	*38.92*	
		For Seal Class A, Add	*83.03*	
		For Work In Restricted Working Space, Add	*77.84*	
23 31 13 13-0462	LF	34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	313.05	159.58
		For Seal Class B, Add	*39.90*	
		For Seal Class A, Add	*85.11*	
		For Work In Restricted Working Space, Add	*79.79*	
23 31 13 13-0463	LF	36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.87	140.12
		For Seal Class B, Add	*35.03*	
		For Seal Class A, Add	*74.73*	
		For Work In Restricted Working Space, Add	*70.06*	
23 31 13 13-0464	LF	36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	282.52	144.02
		For Seal Class B, Add	*36.00*	
		For Seal Class A, Add	*76.81*	
		For Work In Restricted Working Space, Add	*72.01*	
23 31 13 13-0465	LF	36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0466	LF	36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.79	151.80
		For Seal Class B, Add	*37.95*	
		For Seal Class A, Add	*80.96*	
		For Work In Restricted Working Space, Add	*75.90*	
23 31 13 13-0467	LF	36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.41	155.70
		For Seal Class B, Add	*38.92*	
		For Seal Class A, Add	*83.03*	
		For Work In Restricted Working Space, Add	*77.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0468	LF	36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	313.05	159.58
		For Seal Class B, Add	*39.90*	
		For Seal Class A, Add	*85.11*	
		For Work In Restricted Working Space, Add	*79.79*	
23 31 13 13-0469	LF	36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.69	163.48
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.19*	
		For Work In Restricted Working Space, Add	*81.74*	
23 31 13 13-0470	LF	38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.15	147.91
		For Seal Class B, Add	*36.98*	
		For Seal Class A, Add	*78.88*	
		For Work In Restricted Working Space, Add	*73.95*	
23 31 13 13-0471	LF	38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.79	151.80
		For Seal Class B, Add	*37.95*	
		For Seal Class A, Add	*80.96*	
		For Work In Restricted Working Space, Add	*75.90*	
23 31 13 13-0472	LF	38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.41	155.70
		For Seal Class B, Add	*38.92*	
		For Seal Class A, Add	*83.03*	
		For Work In Restricted Working Space, Add	*77.84*	
23 31 13 13-0473	LF	38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	313.05	159.58
		For Seal Class B, Add	*39.90*	
		For Seal Class A, Add	*85.11*	
		For Work In Restricted Working Space, Add	*79.79*	
23 31 13 13-0474	LF	38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.69	163.48
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.19*	
		For Work In Restricted Working Space, Add	*81.74*	
23 31 13 13-0475	LF	38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.34	167.37
		For Seal Class B, Add	*41.84*	
		For Seal Class A, Add	*89.27*	
		For Work In Restricted Working Space, Add	*83.69*	
23 31 13 13-0476	LF	38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.97	171.26
		For Seal Class B, Add	*42.82*	
		For Seal Class A, Add	*91.34*	
		For Work In Restricted Working Space, Add	*85.63*	
23 31 13 13-0477	LF	40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.41	155.70
		For Seal Class B, Add	*38.92*	
		For Seal Class A, Add	*83.03*	
		For Work In Restricted Working Space, Add	*77.84*	
23 31 13 13-0478	LF	40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	313.05	159.58
		For Seal Class B, Add	*39.90*	
		For Seal Class A, Add	*85.11*	
		For Work In Restricted Working Space, Add	*79.79*	
23 31 13 13-0479	LF	40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.69	163.48
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.19*	
		For Work In Restricted Working Space, Add	*81.74*	
23 31 13 13-0480	LF	40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.34	167.37
		For Seal Class B, Add	*41.84*	
		For Seal Class A, Add	*89.27*	
		For Work In Restricted Working Space, Add	*83.69*	
23 31 13 13-0481	LF	40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.97	171.26
		For Seal Class B, Add	*42.82*	
		For Seal Class A, Add	*91.34*	
		For Work In Restricted Working Space, Add	*85.63*	
23 31 13 13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.61	175.15
		For Seal Class B, Add	*43.79*	
		For Seal Class A, Add	*93.42*	
		For Work In Restricted Working Space, Add	*87.58*	
23 31 13 13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.23	179.05
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.49*	
		For Work In Restricted Working Space, Add	*89.52*	
23 31 13 13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.87	182.94
		For Seal Class B, Add	*45.74*	
		For Seal Class A, Add	*97.57*	
		For Work In Restricted Working Space, Add	*91.47*	
23 31 13 13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.69	163.48
		For Seal Class B, Add	*40.87*	
		For Seal Class A, Add	*87.19*	
		For Work In Restricted Working Space, Add	*81.74*	
23 31 13 13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.34	167.37
		For Seal Class B, Add	*41.84*	
		For Seal Class A, Add	*89.27*	
		For Work In Restricted Working Space, Add	*83.69*	
23 31 13 13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.97	171.26
		For Seal Class B, Add	*42.82*	
		For Seal Class A, Add	*91.34*	
		For Work In Restricted Working Space, Add	*85.63*	
23 31 13 13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.61	175.15
		For Seal Class B, Add	*43.79*	
		For Seal Class A, Add	*93.42*	
		For Work In Restricted Working Space, Add	*87.58*	
23 31 13 13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.23	179.05
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.49*	
		For Work In Restricted Working Space, Add	*89.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0490	LF	42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.87	182.94
		For Seal Class B, Add	*45.74*	
		For Seal Class A, Add	*97.57*	
		For Work In Restricted Working Space, Add	*91.47*	
23 31 13 13-0491	LF	42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	366.50	186.83
		For Seal Class B, Add	*46.71*	
		For Seal Class A, Add	*99.64*	
		For Work In Restricted Working Space, Add	*93.41*	
23 31 13 13-0492	LF	44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.97	171.26
		For Seal Class B, Add	*42.82*	
		For Seal Class A, Add	*91.34*	
		For Work In Restricted Working Space, Add	*85.63*	
23 31 13 13-0493	LF	44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.61	175.15
		For Seal Class B, Add	*43.79*	
		For Seal Class A, Add	*93.42*	
		For Work In Restricted Working Space, Add	*87.58*	
23 31 13 13-0494	LF	44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.23	179.05
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.49*	
		For Work In Restricted Working Space, Add	*89.52*	
23 31 13 13-0495	LF	44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.87	182.94
		For Seal Class B, Add	*45.74*	
		For Seal Class A, Add	*97.57*	
		For Work In Restricted Working Space, Add	*91.47*	
23 31 13 13-0496	LF	44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	366.50	186.83
		For Seal Class B, Add	*46.71*	
		For Seal Class A, Add	*99.64*	
		For Work In Restricted Working Space, Add	*93.41*	
23 31 13 13-0497	LF	44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.14	190.72
		For Seal Class B, Add	*47.68*	
		For Seal Class A, Add	*101.72*	
		For Work In Restricted Working Space, Add	*95.36*	
23 31 13 13-0498	LF	46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.23	179.05
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.49*	
		For Work In Restricted Working Space, Add	*89.52*	
23 31 13 13-0499	LF	46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.87	182.94
		For Seal Class B, Add	*45.74*	
		For Seal Class A, Add	*97.57*	
		For Work In Restricted Working Space, Add	*91.47*	
23 31 13 13-0500	LF	46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	366.50	186.83
		For Seal Class B, Add	*46.71*	
		For Seal Class A, Add	*99.64*	
		For Work In Restricted Working Space, Add	*93.41*	
23 31 13 13-0501	LF	46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.14	190.72
		For Seal Class B, Add	*47.68*	
		For Seal Class A, Add	*101.72*	
		For Work In Restricted Working Space, Add	*95.36*	
23 31 13 13-0502	LF	46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	381.78	194.63
		For Seal Class B, Add	*48.65*	
		For Seal Class A, Add	*103.80*	
		For Work In Restricted Working Space, Add	*97.31*	
23 31 13 13-0503	LF	48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	366.50	186.83
		For Seal Class B, Add	*46.71*	
		For Seal Class A, Add	*99.64*	
		For Work In Restricted Working Space, Add	*93.41*	
23 31 13 13-0504	LF	48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.14	190.72
		For Seal Class B, Add	*47.68*	
		For Seal Class A, Add	*101.72*	
		For Work In Restricted Working Space, Add	*95.36*	
23 31 13 13-0505	LF	48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	381.78	194.63
		For Seal Class B, Add	*48.65*	
		For Seal Class A, Add	*103.80*	
		For Work In Restricted Working Space, Add	*97.31*	
23 31 13 13-0506	LF	48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.42	198.51
		For Seal Class B, Add	*49.63*	
		For Seal Class A, Add	*105.87*	
		For Work In Restricted Working Space, Add	*99.26*	
23 31 13 13-0507	LF	50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	381.78	194.63
		For Seal Class B, Add	*48.65*	
		For Seal Class A, Add	*103.80*	
		For Work In Restricted Working Space, Add	*97.31*	
23 31 13 13-0508	LF	50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.42	198.51
		For Seal Class B, Add	*49.63*	
		For Seal Class A, Add	*105.87*	
		For Work In Restricted Working Space, Add	*99.26*	
23 31 13 13-0509	LF	50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.04	202.40
		For Seal Class B, Add	*50.60*	
		For Seal Class A, Add	*107.95*	
		For Work In Restricted Working Space, Add	*101.20*	
23 31 13 13-0510	LF	52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.04	202.40
		For Seal Class B, Add	*50.60*	
		For Seal Class A, Add	*107.95*	
		For Work In Restricted Working Space, Add	*101.20*	
23 31 13 13-0511	LF	52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.69	206.29
		For Seal Class B, Add	*51.57*	
		For Seal Class A, Add	*110.03*	
		For Work In Restricted Working Space, Add	*103.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0512	LF	54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	412.32	210.19
		For Seal Class B, Add	*52.55*	
		For Seal Class A, Add	*112.10*	
		For Work In Restricted Working Space, Add	*105.09*	

23 31 13 13-0513 20 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0514	LF	4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.96	18.34
		For Seal Class B, Add	*4.58*	
		For Seal Class A, Add	*9.78*	
		For Work In Restricted Working Space, Add	*9.17*	
23 31 13 13-0515	LF	4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.97	22.92
		For Seal Class B, Add	*5.73*	
		For Seal Class A, Add	*12.23*	
		For Work In Restricted Working Space, Add	*11.46*	
23 31 13 13-0516	LF	4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.96	27.51
		For Seal Class B, Add	*6.88*	
		For Seal Class A, Add	*14.67*	
		For Work In Restricted Working Space, Add	*13.75*	
23 31 13 13-0517	LF	4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.94	32.09
		For Seal Class B, Add	*8.02*	
		For Seal Class A, Add	*17.11*	
		For Work In Restricted Working Space, Add	*16.04*	
23 31 13 13-0518	LF	4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.95	36.68
		For Seal Class B, Add	*9.17*	
		For Seal Class A, Add	*19.56*	
		For Work In Restricted Working Space, Add	*18.34*	
23 31 13 13-0519	LF	4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.94	41.25
		For Seal Class B, Add	*10.31*	
		For Seal Class A, Add	*22.00*	
		For Work In Restricted Working Space, Add	*20.63*	
23 31 13 13-0520	LF	4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.93	45.84
		For Seal Class B, Add	*11.46*	
		For Seal Class A, Add	*24.45*	
		For Work In Restricted Working Space, Add	*22.92*	
23 31 13 13-0521	LF	6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.96	27.51
		For Seal Class B, Add	*6.88*	
		For Seal Class A, Add	*14.67*	
		For Work In Restricted Working Space, Add	*13.75*	
23 31 13 13-0522	LF	6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.94	32.09
		For Seal Class B, Add	*8.02*	
		For Seal Class A, Add	*17.11*	
		For Work In Restricted Working Space, Add	*16.04*	
23 31 13 13-0523	LF	6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.95	36.68
		For Seal Class B, Add	*9.17*	
		For Seal Class A, Add	*19.56*	
		For Work In Restricted Working Space, Add	*18.34*	
23 31 13 13-0524	LF	6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.94	41.25
		For Seal Class B, Add	*10.31*	
		For Seal Class A, Add	*22.00*	
		For Work In Restricted Working Space, Add	*20.63*	
23 31 13 13-0525	LF	6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.93	45.84
		For Seal Class B, Add	*11.46*	
		For Seal Class A, Add	*24.45*	
		For Work In Restricted Working Space, Add	*22.92*	
23 31 13 13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.93	50.42
		For Seal Class B, Add	*12.61*	
		For Seal Class A, Add	*26.90*	
		For Work In Restricted Working Space, Add	*25.22*	
23 31 13 13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.95	36.68
		For Seal Class B, Add	*9.17*	
		For Seal Class A, Add	*19.56*	
		For Work In Restricted Working Space, Add	*18.34*	
23 31 13 13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.94	41.25
		For Seal Class B, Add	*10.31*	
		For Seal Class A, Add	*22.00*	
		For Work In Restricted Working Space, Add	*20.63*	
23 31 13 13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.93	45.84
		For Seal Class B, Add	*11.46*	
		For Seal Class A, Add	*24.45*	
		For Work In Restricted Working Space, Add	*22.92*	
23 31 13 13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.93	50.42
		For Seal Class B, Add	*12.61*	
		For Seal Class A, Add	*26.90*	
		For Work In Restricted Working Space, Add	*25.22*	
23 31 13 13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.91	55.01
		For Seal Class B, Add	*13.75*	
		For Seal Class A, Add	*29.34*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.90	59.59
		For Seal Class B, Add	*14.90*	
		For Seal Class A, Add	*31.78*	
		For Work In Restricted Working Space, Add	*29.80*	
23 31 13 13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.91	64.18
		For Seal Class B, Add	*16.05*	
		For Seal Class A, Add	*34.23*	
		For Work In Restricted Working Space, Add	*32.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0534	LF	8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	134.89	68.76
		For Seal Class B, Add	*17.19*	
		For Seal Class A, Add	*36.68*	
		For Work In Restricted Working Space, Add	*34.38*	
23 31 13 13-0535	LF	8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.89	73.35
		For Seal Class B, Add	*18.34*	
		For Seal Class A, Add	*39.12*	
		For Work In Restricted Working Space, Add	*36.68*	
23 31 13 13-0536	LF	10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	89.93	45.84
		For Seal Class B, Add	*11.46*	
		For Seal Class A, Add	*24.45*	
		For Work In Restricted Working Space, Add	*22.92*	
23 31 13 13-0537	LF	10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.93	50.42
		For Seal Class B, Add	*12.61*	
		For Seal Class A, Add	*26.90*	
		For Work In Restricted Working Space, Add	*25.22*	
23 31 13 13-0538	LF	10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.91	55.01
		For Seal Class B, Add	*13.75*	
		For Seal Class A, Add	*29.34*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0539	LF	10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.90	59.59
		For Seal Class B, Add	*14.90*	
		For Seal Class A, Add	*31.78*	
		For Work In Restricted Working Space, Add	*29.80*	
23 31 13 13-0540	LF	10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.91	64.18
		For Seal Class B, Add	*16.05*	
		For Seal Class A, Add	*34.23*	
		For Work In Restricted Working Space, Add	*32.09*	
23 31 13 13-0541	LF	10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	134.89	68.76
		For Seal Class B, Add	*17.19*	
		For Seal Class A, Add	*36.68*	
		For Work In Restricted Working Space, Add	*34.38*	
23 31 13 13-0542	LF	10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.89	73.35
		For Seal Class B, Add	*18.34*	
		For Seal Class A, Add	*39.12*	
		For Work In Restricted Working Space, Add	*36.68*	
23 31 13 13-0543	LF	10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.91	77.93
		For Seal Class B, Add	*19.49*	
		For Seal Class A, Add	*41.57*	
		For Work In Restricted Working Space, Add	*38.97*	
23 31 13 13-0544	LF	10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.87	82.52
		For Seal Class B, Add	*20.63*	
		For Seal Class A, Add	*44.01*	
		For Work In Restricted Working Space, Add	*41.26*	
23 31 13 13-0545	LF	10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.89	87.10
		For Seal Class B, Add	*21.78*	
		For Seal Class A, Add	*46.46*	
		For Work In Restricted Working Space, Add	*43.55*	
23 31 13 13-0546	LF	10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	
23 31 13 13-0547	LF	10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0548	LF	12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.91	55.01
		For Seal Class B, Add	*13.75*	
		For Seal Class A, Add	*29.34*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0549	LF	12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.90	59.59
		For Seal Class B, Add	*14.90*	
		For Seal Class A, Add	*31.78*	
		For Work In Restricted Working Space, Add	*29.80*	
23 31 13 13-0550	LF	12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.91	64.18
		For Seal Class B, Add	*16.05*	
		For Seal Class A, Add	*34.23*	
		For Work In Restricted Working Space, Add	*32.09*	
23 31 13 13-0551	LF	12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	134.89	68.76
		For Seal Class B, Add	*17.19*	
		For Seal Class A, Add	*36.68*	
		For Work In Restricted Working Space, Add	*34.38*	
23 31 13 13-0552	LF	12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.89	73.35
		For Seal Class B, Add	*18.34*	
		For Seal Class A, Add	*39.12*	
		For Work In Restricted Working Space, Add	*36.68*	
23 31 13 13-0553	LF	12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.91	77.93
		For Seal Class B, Add	*19.49*	
		For Seal Class A, Add	*41.57*	
		For Work In Restricted Working Space, Add	*38.97*	
23 31 13 13-0554	LF	12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.87	82.52
		For Seal Class B, Add	*20.63*	
		For Seal Class A, Add	*44.01*	
		For Work In Restricted Working Space, Add	*41.26*	
23 31 13 13-0555	LF	12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.89	87.10
		For Seal Class B, Add	*21.78*	
		For Seal Class A, Add	*46.46*	
		For Work In Restricted Working Space, Add	*43.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0556	LF	12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	
23 31 13 13-0557	LF	12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0558	LF	12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0559	LF	12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0560	LF	12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0561	LF	14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.91	64.18
		For Seal Class B, Add	*16.05*	
		For Seal Class A, Add	*34.23*	
		For Work In Restricted Working Space, Add	*32.09*	
23 31 13 13-0562	LF	14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	134.89	68.76
		For Seal Class B, Add	*17.19*	
		For Seal Class A, Add	*36.68*	
		For Work In Restricted Working Space, Add	*34.38*	
23 31 13 13-0563	LF	14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.89	73.35
		For Seal Class B, Add	*18.34*	
		For Seal Class A, Add	*39.12*	
		For Work In Restricted Working Space, Add	*36.68*	
23 31 13 13-0564	LF	14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.91	77.93
		For Seal Class B, Add	*19.49*	
		For Seal Class A, Add	*41.57*	
		For Work In Restricted Working Space, Add	*38.97*	
23 31 13 13-0565	LF	14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.87	82.52
		For Seal Class B, Add	*20.63*	
		For Seal Class A, Add	*44.01*	
		For Work In Restricted Working Space, Add	*41.26*	
23 31 13 13-0566	LF	14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.89	87.10
		For Seal Class B, Add	*21.78*	
		For Seal Class A, Add	*46.46*	
		For Work In Restricted Working Space, Add	*43.55*	
23 31 13 13-0567	LF	14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	
23 31 13 13-0568	LF	14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0569	LF	14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	
23 31 13 13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.89	73.35
		For Seal Class B, Add	*18.34*	
		For Seal Class A, Add	*39.12*	
		For Work In Restricted Working Space, Add	*36.68*	
23 31 13 13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.91	77.93
		For Seal Class B, Add	*19.49*	
		For Seal Class A, Add	*41.57*	
		For Work In Restricted Working Space, Add	*38.97*	
23 31 13 13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.87	82.52
		For Seal Class B, Add	*20.63*	
		For Seal Class A, Add	*44.01*	
		For Work In Restricted Working Space, Add	*41.26*	
23 31 13 13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.89	87.10
		For Seal Class B, Add	*21.78*	
		For Seal Class A, Add	*46.46*	
		For Work In Restricted Working Space, Add	*43.55*	
23 31 13 13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0578	LF	16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0579	LF	16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0580	LF	16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0581	LF	16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0582	LF	16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	
23 31 13 13-0583	LF	16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0584	LF	16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0585	LF	16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0586	LF	16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0587	LF	16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0588	LF	18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.87	82.52
		For Seal Class B, Add	*20.63*	
		For Seal Class A, Add	*44.01*	
		For Work In Restricted Working Space, Add	*41.26*	
23 31 13 13-0589	LF	18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.89	87.10
		For Seal Class B, Add	*21.78*	
		For Seal Class A, Add	*46.46*	
		For Work In Restricted Working Space, Add	*43.55*	
23 31 13 13-0590	LF	18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	
23 31 13 13-0591	LF	18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0592	LF	18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0593	LF	18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0594	LF	18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0595	LF	18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	
23 31 13 13-0596	LF	18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0597	LF	18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0598	LF	18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0599	LF	18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0600	LF	18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0601	LF	18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0602	LF	18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0603	LF	20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.85	91.69
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*48.90*	
		For Work In Restricted Working Space, Add	*45.84*	
23 31 13 13-0604	LF	20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.85	96.27
		For Seal Class B, Add	*24.07*	
		For Seal Class A, Add	*51.34*	
		For Work In Restricted Working Space, Add	*48.14*	
23 31 13 13-0605	LF	20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0606	LF	20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0607	LF	20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0608	LF	20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	
23 31 13 13-0609	LF	20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0610	LF	20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0611	LF	20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0612	LF	20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0613	LF	20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.86	100.86
		For Seal Class B, Add	*25.21*	
		For Seal Class A, Add	*53.79*	
		For Work In Restricted Working Space, Add	*50.43*	
23 31 13 13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.83	105.44
		For Seal Class B, Add	*26.36*	
		For Seal Class A, Add	*56.23*	
		For Work In Restricted Working Space, Add	*52.72*	
23 31 13 13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0622	LF	22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0623	LF	22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0624	LF	22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0625	LF	22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0626	LF	22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0627	LF	22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0628	LF	22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0629	LF	22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0630	LF	22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0631	LF	22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0632	LF	24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.85	110.03
		For Seal Class B, Add	*27.51*	
		For Seal Class A, Add	*58.68*	
		For Work In Restricted Working Space, Add	*55.01*	
23 31 13 13-0633	LF	24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	224.82	114.61
		For Seal Class B, Add	*28.65*	
		For Seal Class A, Add	*61.13*	
		For Work In Restricted Working Space, Add	*57.31*	
23 31 13 13-0634	LF	24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0635	LF	24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0636	LF	24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0637	LF	24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0638	LF	24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0639	LF	24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0640	LF	24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0641	LF	24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0642	LF	24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0643	LF	24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.82	119.20
		For Seal Class B, Add	*29.80*	
		For Seal Class A, Add	*63.57*	
		For Work In Restricted Working Space, Add	*59.60*	
23 31 13 13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.82	123.77
		For Seal Class B, Add	*30.94*	
		For Seal Class A, Add	*66.01*	
		For Work In Restricted Working Space, Add	*61.89*	
23 31 13 13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.80	128.36
		For Seal Class B, Add	*32.09*	
		For Seal Class A, Add	*68.46*	
		For Work In Restricted Working Space, Add	*64.18*	
23 31 13 13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	260.80	132.94
		For Seal Class B, Add	*33.24*	
		For Seal Class A, Add	*70.90*	
		For Work In Restricted Working Space, Add	*66.47*	
23 31 13 13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0666	LF	28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0667	LF	28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0668	LF	30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.81	137.53
		For Seal Class B, Add	*34.38*	
		For Seal Class A, Add	*73.35*	
		For Work In Restricted Working Space, Add	*68.77*	
23 31 13 13-0669	LF	30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.79	142.11
		For Seal Class B, Add	*35.53*	
		For Seal Class A, Add	*75.80*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-0670	LF	30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0671	LF	30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0672	LF	30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0673	LF	30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0674	LF	30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0675	LF	30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0676	LF	30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0677	LF	30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.73	178.79
		For Seal Class B, Add	*44.70*	
		For Seal Class A, Add	*95.35*	
		For Work In Restricted Working Space, Add	*89.39*	
23 31 13 13-0678	LF	32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.79	146.70
		For Seal Class B, Add	*36.68*	
		For Seal Class A, Add	*78.24*	
		For Work In Restricted Working Space, Add	*73.35*	
23 31 13 13-0679	LF	32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.76	151.28
		For Seal Class B, Add	*37.82*	
		For Seal Class A, Add	*80.68*	
		For Work In Restricted Working Space, Add	*75.64*	
23 31 13 13-0680	LF	32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	
23 31 13 13-0681	LF	32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0682	LF	32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0683	LF	32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0684	LF	32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0685	LF	32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.73	178.79
		For Seal Class B, Add	*44.70*	
		For Seal Class A, Add	*95.35*	
		For Work In Restricted Working Space, Add	*89.39*	
23 31 13 13-0686	LF	32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.74	183.38
		For Seal Class B, Add	*45.84*	
		For Seal Class A, Add	*97.80*	
		For Work In Restricted Working Space, Add	*91.69*	
23 31 13 13-0687	LF	34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.77	155.87
		For Seal Class B, Add	*38.97*	
		For Seal Class A, Add	*83.13*	
		For Work In Restricted Working Space, Add	*77.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.77	160.45
		For Seal Class B, Add	*40.11*	
		For Seal Class A, Add	*85.57*	
		For Work In Restricted Working Space, Add	*80.23*	
23 31 13 13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.73	178.79
		For Seal Class B, Add	*44.70*	
		For Seal Class A, Add	*95.35*	
		For Work In Restricted Working Space, Add	*89.39*	
23 31 13 13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.74	183.38
		For Seal Class B, Add	*45.84*	
		For Seal Class A, Add	*97.80*	
		For Work In Restricted Working Space, Add	*91.69*	
23 31 13 13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.71	187.96
		For Seal Class B, Add	*46.99*	
		For Seal Class A, Add	*100.24*	
		For Work In Restricted Working Space, Add	*93.98*	
23 31 13 13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.74	165.04
		For Seal Class B, Add	*41.26*	
		For Seal Class A, Add	*88.02*	
		For Work In Restricted Working Space, Add	*82.52*	
23 31 13 13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	332.76	169.62
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*90.47*	
		For Work In Restricted Working Space, Add	*84.81*	
23 31 13 13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.73	178.79
		For Seal Class B, Add	*44.70*	
		For Seal Class A, Add	*95.35*	
		For Work In Restricted Working Space, Add	*89.39*	
23 31 13 13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.74	183.38
		For Seal Class B, Add	*45.84*	
		For Seal Class A, Add	*97.80*	
		For Work In Restricted Working Space, Add	*91.69*	
23 31 13 13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.71	187.96
		For Seal Class B, Add	*46.99*	
		For Seal Class A, Add	*100.24*	
		For Work In Restricted Working Space, Add	*93.98*	
23 31 13 13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.71	192.55
		For Seal Class B, Add	*48.14*	
		For Seal Class A, Add	*102.69*	
		For Work In Restricted Working Space, Add	*96.27*	
23 31 13 13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.73	174.21
		For Seal Class B, Add	*43.55*	
		For Seal Class A, Add	*92.91*	
		For Work In Restricted Working Space, Add	*87.11*	
23 31 13 13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.73	178.79
		For Seal Class B, Add	*44.70*	
		For Seal Class A, Add	*95.35*	
		For Work In Restricted Working Space, Add	*89.39*	
23 31 13 13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.74	183.38
		For Seal Class B, Add	*45.84*	
		For Seal Class A, Add	*97.80*	
		For Work In Restricted Working Space, Add	*91.69*	
23 31 13 13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.71	187.96
		For Seal Class B, Add	*46.99*	
		For Seal Class A, Add	*100.24*	
		For Work In Restricted Working Space, Add	*93.98*	
23 31 13 13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.71	192.55
		For Seal Class B, Add	*48.14*	
		For Seal Class A, Add	*102.69*	
		For Work In Restricted Working Space, Add	*96.27*	
23 31 13 13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.73	197.12
		For Seal Class B, Add	*49.28*	
		For Seal Class A, Add	*105.14*	
		For Work In Restricted Working Space, Add	*98.57*	
23 31 13 13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.70	201.72
		For Seal Class B, Add	*50.43*	
		For Seal Class A, Add	*107.58*	
		For Work In Restricted Working Space, Add	*100.86*	
23 31 13 13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.74	183.38
		For Seal Class B, Add	*45.84*	
		For Seal Class A, Add	*97.80*	
		For Work In Restricted Working Space, Add	*91.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0710	LF	40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.71	187.96
		For Seal Class B, Add	*46.99*	
		For Seal Class A, Add	*100.24*	
		For Work In Restricted Working Space, Add	*93.98*	
23 31 13 13-0711	LF	40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.71	192.55
		For Seal Class B, Add	*48.14*	
		For Seal Class A, Add	*102.69*	
		For Work In Restricted Working Space, Add	*96.27*	
23 31 13 13-0712	LF	40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.73	197.12
		For Seal Class B, Add	*49.28*	
		For Seal Class A, Add	*105.14*	
		For Work In Restricted Working Space, Add	*98.57*	
23 31 13 13-0713	LF	40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.70	201.72
		For Seal Class B, Add	*50.43*	
		For Seal Class A, Add	*107.58*	
		For Work In Restricted Working Space, Add	*100.86*	
23 31 13 13-0714	LF	40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.71	206.29
		For Seal Class B, Add	*51.58*	
		For Seal Class A, Add	*110.03*	
		For Work In Restricted Working Space, Add	*103.15*	
23 31 13 13-0715	LF	40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	413.68	210.88
		For Seal Class B, Add	*52.72*	
		For Seal Class A, Add	*112.47*	
		For Work In Restricted Working Space, Add	*105.44*	
23 31 13 13-0716	LF	40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	422.68	215.46
		For Seal Class B, Add	*53.87*	
		For Seal Class A, Add	*114.92*	
		For Work In Restricted Working Space, Add	*107.73*	
23 31 13 13-0717	LF	40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.68	220.05
		For Seal Class B, Add	*55.01*	
		For Seal Class A, Add	*117.36*	
		For Work In Restricted Working Space, Add	*110.03*	
23 31 13 13-0718	LF	42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.71	192.55
		For Seal Class B, Add	*48.14*	
		For Seal Class A, Add	*102.69*	
		For Work In Restricted Working Space, Add	*96.27*	
23 31 13 13-0719	LF	42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.73	197.12
		For Seal Class B, Add	*49.28*	
		For Seal Class A, Add	*105.14*	
		For Work In Restricted Working Space, Add	*98.57*	
23 31 13 13-0720	LF	42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.70	201.72
		For Seal Class B, Add	*50.43*	
		For Seal Class A, Add	*107.58*	
		For Work In Restricted Working Space, Add	*100.86*	
23 31 13 13-0721	LF	42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.71	206.29
		For Seal Class B, Add	*51.58*	
		For Seal Class A, Add	*110.03*	
		For Work In Restricted Working Space, Add	*103.15*	
23 31 13 13-0722	LF	42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	413.68	210.88
		For Seal Class B, Add	*52.72*	
		For Seal Class A, Add	*112.47*	
		For Work In Restricted Working Space, Add	*105.44*	
23 31 13 13-0723	LF	42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	422.68	215.46
		For Seal Class B, Add	*53.87*	
		For Seal Class A, Add	*114.92*	
		For Work In Restricted Working Space, Add	*107.73*	
23 31 13 13-0724	LF	42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.68	220.05
		For Seal Class B, Add	*55.01*	
		For Seal Class A, Add	*117.36*	
		For Work In Restricted Working Space, Add	*110.03*	
23 31 13 13-0725	LF	42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	440.66	224.63
		For Seal Class B, Add	*56.16*	
		For Seal Class A, Add	*119.80*	
		For Work In Restricted Working Space, Add	*112.32*	
23 31 13 13-0726	LF	44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.70	201.72
		For Seal Class B, Add	*50.43*	
		For Seal Class A, Add	*107.58*	
		For Work In Restricted Working Space, Add	*100.86*	
23 31 13 13-0727	LF	44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.71	206.29
		For Seal Class B, Add	*51.58*	
		For Seal Class A, Add	*110.03*	
		For Work In Restricted Working Space, Add	*103.15*	
23 31 13 13-0728	LF	44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	413.68	210.88
		For Seal Class B, Add	*52.72*	
		For Seal Class A, Add	*112.47*	
		For Work In Restricted Working Space, Add	*105.44*	
23 31 13 13-0729	LF	44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	422.68	215.46
		For Seal Class B, Add	*53.87*	
		For Seal Class A, Add	*114.92*	
		For Work In Restricted Working Space, Add	*107.73*	
23 31 13 13-0730	LF	44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.68	220.05
		For Seal Class B, Add	*55.01*	
		For Seal Class A, Add	*117.36*	
		For Work In Restricted Working Space, Add	*110.03*	
23 31 13 13-0731	LF	44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	440.66	224.63
		For Seal Class B, Add	*56.16*	
		For Seal Class A, Add	*119.80*	
		For Work In Restricted Working Space, Add	*112.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0732	LF	44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.67	229.22
		For Seal Class B, Add	*57.31*	
		For Seal Class A, Add	*122.25*	
		For Work In Restricted Working Space, Add	*114.61*	
23 31 13 13-0733	LF	46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	413.68	210.88
		For Seal Class B, Add	*52.72*	
		For Seal Class A, Add	*112.47*	
		For Work In Restricted Working Space, Add	*105.44*	
23 31 13 13-0734	LF	46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	422.68	215.46
		For Seal Class B, Add	*53.87*	
		For Seal Class A, Add	*114.92*	
		For Work In Restricted Working Space, Add	*107.73*	
23 31 13 13-0735	LF	46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.68	220.05
		For Seal Class B, Add	*55.01*	
		For Seal Class A, Add	*117.36*	
		For Work In Restricted Working Space, Add	*110.03*	
23 31 13 13-0736	LF	46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	440.66	224.63
		For Seal Class B, Add	*56.16*	
		For Seal Class A, Add	*119.80*	
		For Work In Restricted Working Space, Add	*112.32*	
23 31 13 13-0737	LF	46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.67	229.22
		For Seal Class B, Add	*57.31*	
		For Seal Class A, Add	*122.25*	
		For Work In Restricted Working Space, Add	*114.61*	
23 31 13 13-0738	LF	46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	466.31	238.39
		For Seal Class B, Add	*59.60*	
		For Seal Class A, Add	*127.14*	
		For Work In Restricted Working Space, Add	*119.20*	
23 31 13 13-0739	LF	46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	475.28	242.97
		For Seal Class B, Add	*60.74*	
		For Seal Class A, Add	*129.58*	
		For Work In Restricted Working Space, Add	*121.49*	
23 31 13 13-0740	LF	48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.68	220.05
		For Seal Class B, Add	*55.01*	
		For Seal Class A, Add	*117.36*	
		For Work In Restricted Working Space, Add	*110.03*	
23 31 13 13-0741	LF	48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	440.66	224.63
		For Seal Class B, Add	*56.16*	
		For Seal Class A, Add	*119.80*	
		For Work In Restricted Working Space, Add	*112.32*	
23 31 13 13-0742	LF	48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.67	229.22
		For Seal Class B, Add	*57.31*	
		For Seal Class A, Add	*122.25*	
		For Work In Restricted Working Space, Add	*114.61*	
23 31 13 13-0743	LF	48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	458.67	233.80
		For Seal Class B, Add	*58.45*	
		For Seal Class A, Add	*124.70*	
		For Work In Restricted Working Space, Add	*116.90*	
23 31 13 13-0744	LF	48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.65	238.39
		For Seal Class B, Add	*59.60*	
		For Seal Class A, Add	*127.14*	
		For Work In Restricted Working Space, Add	*119.20*	
23 31 13 13-0745	LF	48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	476.64	242.97
		For Seal Class B, Add	*60.74*	
		For Seal Class A, Add	*129.58*	
		For Work In Restricted Working Space, Add	*121.49*	
23 31 13 13-0746	LF	48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	485.63	247.56
		For Seal Class B, Add	*61.89*	
		For Seal Class A, Add	*132.03*	
		For Work In Restricted Working Space, Add	*123.78*	
23 31 13 13-0747	LF	50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.67	229.22
		For Seal Class B, Add	*57.31*	
		For Seal Class A, Add	*122.25*	
		For Work In Restricted Working Space, Add	*114.61*	
23 31 13 13-0748	LF	50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	458.67	233.80
		For Seal Class B, Add	*58.45*	
		For Seal Class A, Add	*124.70*	
		For Work In Restricted Working Space, Add	*116.90*	
23 31 13 13-0749	LF	50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.65	238.39
		For Seal Class B, Add	*59.60*	
		For Seal Class A, Add	*127.14*	
		For Work In Restricted Working Space, Add	*119.20*	
23 31 13 13-0750	LF	50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	476.64	242.97
		For Seal Class B, Add	*60.74*	
		For Seal Class A, Add	*129.58*	
		For Work In Restricted Working Space, Add	*121.49*	
23 31 13 13-0751	LF	50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	485.63	247.56
		For Seal Class B, Add	*61.89*	
		For Seal Class A, Add	*132.03*	
		For Work In Restricted Working Space, Add	*123.78*	
23 31 13 13-0752	LF	50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.62	252.14
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.47*	
		For Work In Restricted Working Space, Add	*126.07*	
23 31 13 13-0753	LF	52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.65	238.39
		For Seal Class B, Add	*59.60*	
		For Seal Class A, Add	*127.14*	
		For Work In Restricted Working Space, Add	*119.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0754	LF	52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	476.64	242.97
		For Seal Class B, Add	*60.74*	
		For Seal Class A, Add	*129.58*	
		For Work In Restricted Working Space, Add	*121.49*	
23 31 13 13-0755	LF	52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	485.63	247.56
		For Seal Class B, Add	*61.89*	
		For Seal Class A, Add	*132.03*	
		For Work In Restricted Working Space, Add	*123.78*	
23 31 13 13-0756	LF	52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.62	252.14
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.47*	
		For Work In Restricted Working Space, Add	*126.07*	
23 31 13 13-0757	LF	52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.63	256.73
		For Seal Class B, Add	*64.18*	
		For Seal Class A, Add	*136.92*	
		For Work In Restricted Working Space, Add	*128.36*	
23 31 13 13-0758	LF	54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	485.63	247.56
		For Seal Class B, Add	*61.89*	
		For Seal Class A, Add	*132.03*	
		For Work In Restricted Working Space, Add	*123.78*	
23 31 13 13-0759	LF	54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.62	252.14
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.47*	
		For Work In Restricted Working Space, Add	*126.07*	
23 31 13 13-0760	LF	54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.63	256.73
		For Seal Class B, Add	*64.18*	
		For Seal Class A, Add	*136.92*	
		For Work In Restricted Working Space, Add	*128.36*	
23 31 13 13-0761	LF	54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	512.62	261.31
		For Seal Class B, Add	*65.33*	
		For Seal Class A, Add	*139.37*	
		For Work In Restricted Working Space, Add	*130.66*	
23 31 13 13-0762	LF	54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	521.61	265.89
		For Seal Class B, Add	*66.47*	
		For Seal Class A, Add	*141.81*	
		For Work In Restricted Working Space, Add	*132.95*	
23 31 13 13-0763	LF	54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.59	270.48
		For Seal Class B, Add	*67.62*	
		For Seal Class A, Add	*144.26*	
		For Work In Restricted Working Space, Add	*135.24*	
23 31 13 13-0764	LF	56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.63	256.73
		For Seal Class B, Add	*64.18*	
		For Seal Class A, Add	*136.92*	
		For Work In Restricted Working Space, Add	*128.36*	
23 31 13 13-0765	LF	56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	512.62	261.31
		For Seal Class B, Add	*65.33*	
		For Seal Class A, Add	*139.37*	
		For Work In Restricted Working Space, Add	*130.66*	
23 31 13 13-0766	LF	56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	521.61	265.89
		For Seal Class B, Add	*66.47*	
		For Seal Class A, Add	*141.81*	
		For Work In Restricted Working Space, Add	*132.95*	
23 31 13 13-0767	LF	56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.59	270.48
		For Seal Class B, Add	*67.62*	
		For Seal Class A, Add	*144.26*	
		For Work In Restricted Working Space, Add	*135.24*	
23 31 13 13-0768	LF	56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.59	275.05
		For Seal Class B, Add	*68.77*	
		For Seal Class A, Add	*146.70*	
		For Work In Restricted Working Space, Add	*137.53*	
23 31 13 13-0769	LF	58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	521.61	265.89
		For Seal Class B, Add	*66.47*	
		For Seal Class A, Add	*141.81*	
		For Work In Restricted Working Space, Add	*132.95*	
23 31 13 13-0770	LF	58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.59	270.48
		For Seal Class B, Add	*67.62*	
		For Seal Class A, Add	*144.26*	
		For Work In Restricted Working Space, Add	*135.24*	
23 31 13 13-0771	LF	58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.59	275.05
		For Seal Class B, Add	*68.77*	
		For Seal Class A, Add	*146.70*	
		For Work In Restricted Working Space, Add	*137.53*	
23 31 13 13-0772	LF	58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	548.59	279.64
		For Seal Class B, Add	*69.91*	
		For Seal Class A, Add	*149.15*	
		For Work In Restricted Working Space, Add	*139.82*	
23 31 13 13-0773	LF	58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	557.56	284.22
		For Seal Class B, Add	*71.06*	
		For Seal Class A, Add	*151.59*	
		For Work In Restricted Working Space, Add	*142.11*	
23 31 13 13-0774	LF	60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.59	275.05
		For Seal Class B, Add	*68.77*	
		For Seal Class A, Add	*146.70*	
		For Work In Restricted Working Space, Add	*137.53*	
23 31 13 13-0775	LF	60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	548.59	279.64
		For Seal Class B, Add	*69.91*	
		For Seal Class A, Add	*149.15*	
		For Work In Restricted Working Space, Add	*139.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0776	LF	60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	557.56	284.22
		For Seal Class B, Add	*71.06*	
		For Seal Class A, Add	*151.59*	
		For Work In Restricted Working Space, Add	*142.11*	
23 31 13 13-0777	LF	60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.58	288.81
		For Seal Class B, Add	*72.21*	
		For Seal Class A, Add	*154.04*	
		For Work In Restricted Working Space, Add	*144.41*	
23 31 13 13-0778	LF	60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.58	293.39
		For Seal Class B, Add	*73.35*	
		For Seal Class A, Add	*156.48*	
		For Work In Restricted Working Space, Add	*146.70*	
23 31 13 13-0779	LF	62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	557.56	284.22
		For Seal Class B, Add	*71.06*	
		For Seal Class A, Add	*151.59*	
		For Work In Restricted Working Space, Add	*142.11*	
23 31 13 13-0780	LF	62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.58	288.81
		For Seal Class B, Add	*72.21*	
		For Seal Class A, Add	*154.04*	
		For Work In Restricted Working Space, Add	*144.41*	
23 31 13 13-0781	LF	62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.58	293.39
		For Seal Class B, Add	*73.35*	
		For Seal Class A, Add	*156.48*	
		For Work In Restricted Working Space, Add	*146.70*	
23 31 13 13-0782	LF	62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	584.55	297.98
		For Seal Class B, Add	*74.50*	
		For Seal Class A, Add	*158.92*	
		For Work In Restricted Working Space, Add	*148.99*	
23 31 13 13-0783	LF	62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.56	302.56
		For Seal Class B, Add	*75.64*	
		For Seal Class A, Add	*161.37*	
		For Work In Restricted Working Space, Add	*151.29*	
23 31 13 13-0784	LF	64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.58	293.39
		For Seal Class B, Add	*73.35*	
		For Seal Class A, Add	*156.48*	
		For Work In Restricted Working Space, Add	*146.70*	
23 31 13 13-0785	LF	64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	584.55	297.98
		For Seal Class B, Add	*74.50*	
		For Seal Class A, Add	*158.92*	
		For Work In Restricted Working Space, Add	*148.99*	
23 31 13 13-0786	LF	64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.56	302.56
		For Seal Class B, Add	*75.64*	
		For Seal Class A, Add	*161.37*	
		For Work In Restricted Working Space, Add	*151.29*	
23 31 13 13-0787	LF	64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	602.53	307.15
		For Seal Class B, Add	*76.79*	
		For Seal Class A, Add	*163.81*	
		For Work In Restricted Working Space, Add	*153.58*	
23 31 13 13-0788	LF	66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.56	302.56
		For Seal Class B, Add	*75.64*	
		For Seal Class A, Add	*161.37*	
		For Work In Restricted Working Space, Add	*151.29*	
23 31 13 13-0789	LF	66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	602.53	307.15
		For Seal Class B, Add	*76.79*	
		For Seal Class A, Add	*163.81*	
		For Work In Restricted Working Space, Add	*153.58*	
23 31 13 13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.53	311.73
		For Seal Class B, Add	*77.93*	
		For Seal Class A, Add	*166.26*	
		For Work In Restricted Working Space, Add	*155.87*	
23 31 13 13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	620.54	316.33
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.70*	
		For Work In Restricted Working Space, Add	*158.16*	
23 31 13 13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.53	311.73
		For Seal Class B, Add	*77.93*	
		For Seal Class A, Add	*166.26*	
		For Work In Restricted Working Space, Add	*155.87*	
23 31 13 13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	620.54	316.33
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.70*	
		For Work In Restricted Working Space, Add	*158.16*	
23 31 13 13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	629.52	320.90
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.15*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	638.52	325.50
		For Seal Class B, Add	*81.37*	
		For Seal Class A, Add	*173.60*	
		For Work In Restricted Working Space, Add	*162.75*	
23 31 13 13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	629.52	320.90
		For Seal Class B, Add	*80.23*	
		For Seal Class A, Add	*171.15*	
		For Work In Restricted Working Space, Add	*160.46*	
23 31 13 13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	638.52	325.50
		For Seal Class B, Add	*81.37*	
		For Seal Class A, Add	*173.60*	
		For Work In Restricted Working Space, Add	*162.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0798	LF	70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.53	330.08
		For Seal Class B, Add	*82.52*	
		For Seal Class A, Add	*176.04*	
		For Work In Restricted Working Space, Add	*165.04*	
23 31 13 13-0799	LF	70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	656.50	334.67
		For Seal Class B, Add	*83.67*	
		For Seal Class A, Add	*178.49*	
		For Work In Restricted Working Space, Add	*167.33*	
23 31 13 13-0800	LF	70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	665.51	339.25
		For Seal Class B, Add	*84.81*	
		For Seal Class A, Add	*180.93*	
		For Work In Restricted Working Space, Add	*169.62*	
23 31 13 13-0801	LF	70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	674.48	343.84
		For Seal Class B, Add	*85.96*	
		For Seal Class A, Add	*183.38*	
		For Work In Restricted Working Space, Add	*171.92*	
23 31 13 13-0802	LF	70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.48	348.42
		For Seal Class B, Add	*87.10*	
		For Seal Class A, Add	*185.82*	
		For Work In Restricted Working Space, Add	*174.21*	
23 31 13 13-0803	LF	70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.50	353.01
		For Seal Class B, Add	*88.25*	
		For Seal Class A, Add	*188.27*	
		For Work In Restricted Working Space, Add	*176.50*	
23 31 13 13-0804	LF	72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.53	330.08
		For Seal Class B, Add	*82.52*	
		For Seal Class A, Add	*176.04*	
		For Work In Restricted Working Space, Add	*165.04*	
23 31 13 13-0805	LF	72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	656.50	334.67
		For Seal Class B, Add	*83.67*	
		For Seal Class A, Add	*178.49*	
		For Work In Restricted Working Space, Add	*167.33*	
23 31 13 13-0806	LF	72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	665.51	339.25
		For Seal Class B, Add	*84.81*	
		For Seal Class A, Add	*180.93*	
		For Work In Restricted Working Space, Add	*169.62*	
23 31 13 13-0807	LF	72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	674.48	343.84
		For Seal Class B, Add	*85.96*	
		For Seal Class A, Add	*183.38*	
		For Work In Restricted Working Space, Add	*171.92*	
23 31 13 13-0808	LF	72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.48	348.42
		For Seal Class B, Add	*87.10*	
		For Seal Class A, Add	*185.82*	
		For Work In Restricted Working Space, Add	*174.21*	
23 31 13 13-0809	LF	72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.50	353.01
		For Seal Class B, Add	*88.25*	
		For Seal Class A, Add	*188.27*	
		For Work In Restricted Working Space, Add	*176.50*	
23 31 13 13-0810	LF	72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	701.46	357.58
		For Seal Class B, Add	*89.40*	
		For Seal Class A, Add	*190.71*	
		For Work In Restricted Working Space, Add	*178.79*	
23 31 13 13-0811	LF	74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	665.51	339.25
		For Seal Class B, Add	*84.81*	
		For Seal Class A, Add	*180.93*	
		For Work In Restricted Working Space, Add	*169.62*	
23 31 13 13-0812	LF	74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	674.48	343.84
		For Seal Class B, Add	*85.96*	
		For Seal Class A, Add	*183.38*	
		For Work In Restricted Working Space, Add	*171.92*	
23 31 13 13-0813	LF	74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.48	348.42
		For Seal Class B, Add	*87.10*	
		For Seal Class A, Add	*185.82*	
		For Work In Restricted Working Space, Add	*174.21*	
23 31 13 13-0814	LF	74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.50	353.01
		For Seal Class B, Add	*88.25*	
		For Seal Class A, Add	*188.27*	
		For Work In Restricted Working Space, Add	*176.50*	
23 31 13 13-0815	LF	74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	701.46	357.58
		For Seal Class B, Add	*89.40*	
		For Seal Class A, Add	*190.71*	
		For Work In Restricted Working Space, Add	*178.79*	
23 31 13 13-0816	LF	74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	710.47	362.17
		For Seal Class B, Add	*90.54*	
		For Seal Class A, Add	*193.16*	
		For Work In Restricted Working Space, Add	*181.08*	
23 31 13 13-0817	LF	76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.48	348.42
		For Seal Class B, Add	*87.10*	
		For Seal Class A, Add	*185.82*	
		For Work In Restricted Working Space, Add	*174.21*	
23 31 13 13-0818	LF	76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	692.50	353.01
		For Seal Class B, Add	*88.25*	
		For Seal Class A, Add	*188.27*	
		For Work In Restricted Working Space, Add	*176.50*	
23 31 13 13-0819	LF	76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	701.46	357.58
		For Seal Class B, Add	*89.40*	
		For Seal Class A, Add	*190.71*	
		For Work In Restricted Working Space, Add	*178.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	710.47	362.17
		For Seal Class B, Add	*90.54*	
		For Seal Class A, Add	*193.16*	
		For Work In Restricted Working Space, Add	*181.08*	
23 31 13 13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.45	366.75
		For Seal Class B, Add	*91.69*	
		For Seal Class A, Add	*195.60*	
		For Work In Restricted Working Space, Add	*183.38*	
23 31 13 13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	701.46	357.58
		For Seal Class B, Add	*89.40*	
		For Seal Class A, Add	*190.71*	
		For Work In Restricted Working Space, Add	*178.79*	
23 31 13 13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	710.47	362.17
		For Seal Class B, Add	*90.54*	
		For Seal Class A, Add	*193.16*	
		For Work In Restricted Working Space, Add	*181.08*	
23 31 13 13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.45	366.75
		For Seal Class B, Add	*91.69*	
		For Seal Class A, Add	*195.60*	
		For Work In Restricted Working Space, Add	*183.38*	
23 31 13 13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.44	371.34
		For Seal Class B, Add	*92.83*	
		For Seal Class A, Add	*198.04*	
		For Work In Restricted Working Space, Add	*185.67*	
23 31 13 13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.45	366.75
		For Seal Class B, Add	*91.69*	
		For Seal Class A, Add	*195.60*	
		For Work In Restricted Working Space, Add	*183.38*	
23 31 13 13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.44	371.34
		For Seal Class B, Add	*92.83*	
		For Seal Class A, Add	*198.04*	
		For Work In Restricted Working Space, Add	*185.67*	
23 31 13 13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.45	375.92
		For Seal Class B, Add	*93.98*	
		For Seal Class A, Add	*200.49*	
		For Work In Restricted Working Space, Add	*187.96*	
23 31 13 13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.45	375.92
		For Seal Class B, Add	*93.98*	
		For Seal Class A, Add	*200.49*	
		For Work In Restricted Working Space, Add	*187.96*	
23 31 13 13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	746.43	380.51
		For Seal Class B, Add	*95.13*	
		For Seal Class A, Add	*202.94*	
		For Work In Restricted Working Space, Add	*190.25*	
23 31 13 13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	755.44	385.09
		For Seal Class B, Add	*96.27*	
		For Seal Class A, Add	*205.38*	
		For Work In Restricted Working Space, Add	*192.55*	

23 31 13 13-0832 18 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.84	23.87
		For Seal Class B, Add	*5.97*	
		For Seal Class A, Add	*12.73*	
		For Work In Restricted Working Space, Add	*11.94*	
23 31 13 13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.54	29.84
		For Seal Class B, Add	*7.46*	
		For Seal Class A, Add	*15.92*	
		For Work In Restricted Working Space, Add	*14.92*	
23 31 13 13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.25	35.82
		For Seal Class B, Add	*8.95*	
		For Seal Class A, Add	*19.10*	
		For Work In Restricted Working Space, Add	*17.91*	
23 31 13 13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.95	41.79
		For Seal Class B, Add	*10.44*	
		For Seal Class A, Add	*22.28*	
		For Work In Restricted Working Space, Add	*20.89*	
23 31 13 13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.68	47.75
		For Seal Class B, Add	*11.94*	
		For Seal Class A, Add	*25.47*	
		For Work In Restricted Working Space, Add	*23.87*	
23 31 13 13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.38	53.72
		For Seal Class B, Add	*13.43*	
		For Seal Class A, Add	*28.65*	
		For Work In Restricted Working Space, Add	*26.86*	
23 31 13 13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.10	59.69
		For Seal Class B, Add	*14.92*	
		For Seal Class A, Add	*31.84*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.25	35.82
		For Seal Class B, Add	*8.95*	
		For Seal Class A, Add	*19.10*	
		For Work In Restricted Working Space, Add	*17.91*	
23 31 13 13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	81.95	41.79
		For Seal Class B, Add	*10.44*	
		For Seal Class A, Add	*22.28*	
		For Work In Restricted Working Space, Add	*20.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0842	LF	6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.68	47.75
		For Seal Class B, Add	*11.94*	
		For Seal Class A, Add	*25.47*	
		For Work In Restricted Working Space, Add	*23.87*	
23 31 13 13-0843	LF	6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.38	53.72
		For Seal Class B, Add	*13.43*	
		For Seal Class A, Add	*28.65*	
		For Work In Restricted Working Space, Add	*26.86*	
23 31 13 13-0844	LF	6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.10	59.69
		For Seal Class B, Add	*14.92*	
		For Seal Class A, Add	*31.84*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0845	LF	6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.79	65.66
		For Seal Class B, Add	*16.41*	
		For Seal Class A, Add	*35.02*	
		For Work In Restricted Working Space, Add	*32.83*	
23 31 13 13-0846	LF	8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.68	47.75
		For Seal Class B, Add	*11.94*	
		For Seal Class A, Add	*25.47*	
		For Work In Restricted Working Space, Add	*23.87*	
23 31 13 13-0847	LF	8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.38	53.72
		For Seal Class B, Add	*13.43*	
		For Seal Class A, Add	*28.65*	
		For Work In Restricted Working Space, Add	*26.86*	
23 31 13 13-0848	LF	8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.10	59.69
		For Seal Class B, Add	*14.92*	
		For Seal Class A, Add	*31.84*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0849	LF	8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.79	65.66
		For Seal Class B, Add	*16.41*	
		For Seal Class A, Add	*35.02*	
		For Work In Restricted Working Space, Add	*32.83*	
23 31 13 13-0850	LF	8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.49	71.62
		For Seal Class B, Add	*17.91*	
		For Seal Class A, Add	*38.20*	
		For Work In Restricted Working Space, Add	*35.81*	
23 31 13 13-0851	LF	8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.22	77.59
		For Seal Class B, Add	*19.40*	
		For Seal Class A, Add	*41.38*	
		For Work In Restricted Working Space, Add	*38.80*	
23 31 13 13-0852	LF	8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.92	83.55
		For Seal Class B, Add	*20.89*	
		For Seal Class A, Add	*44.56*	
		For Work In Restricted Working Space, Add	*41.78*	
23 31 13 13-0853	LF	8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.62	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.75*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0854	LF	8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.33	95.49
		For Seal Class B, Add	*23.87*	
		For Seal Class A, Add	*50.93*	
		For Work In Restricted Working Space, Add	*47.75*	
23 31 13 13-0855	LF	10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.10	59.69
		For Seal Class B, Add	*14.92*	
		For Seal Class A, Add	*31.84*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0856	LF	10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.79	65.66
		For Seal Class B, Add	*16.41*	
		For Seal Class A, Add	*35.02*	
		For Work In Restricted Working Space, Add	*32.83*	
23 31 13 13-0857	LF	10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.49	71.62
		For Seal Class B, Add	*17.91*	
		For Seal Class A, Add	*38.20*	
		For Work In Restricted Working Space, Add	*35.81*	
23 31 13 13-0858	LF	10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.22	77.59
		For Seal Class B, Add	*19.40*	
		For Seal Class A, Add	*41.38*	
		For Work In Restricted Working Space, Add	*38.80*	
23 31 13 13-0859	LF	10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.92	83.55
		For Seal Class B, Add	*20.89*	
		For Seal Class A, Add	*44.56*	
		For Work In Restricted Working Space, Add	*41.78*	
23 31 13 13-0860	LF	10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.62	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.75*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0861	LF	10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.33	95.49
		For Seal Class B, Add	*23.87*	
		For Seal Class A, Add	*50.93*	
		For Work In Restricted Working Space, Add	*47.75*	
23 31 13 13-0862	LF	10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.04	101.47
		For Seal Class B, Add	*25.37*	
		For Seal Class A, Add	*54.12*	
		For Work In Restricted Working Space, Add	*50.74*	
23 31 13 13-0863	LF	10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.77	107.44
		For Seal Class B, Add	*26.86*	
		For Seal Class A, Add	*57.30*	
		For Work In Restricted Working Space, Add	*53.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.46	113.41
		For Seal Class B, Add	*28.35*	
		For Seal Class A, Add	*60.48*	
		For Work In Restricted Working Space, Add	*56.70*	
23 31 13 13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.49	71.62
		For Seal Class B, Add	*17.91*	
		For Seal Class A, Add	*38.20*	
		For Work In Restricted Working Space, Add	*35.81*	
23 31 13 13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.22	77.59
		For Seal Class B, Add	*19.40*	
		For Seal Class A, Add	*41.38*	
		For Work In Restricted Working Space, Add	*38.80*	
23 31 13 13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.92	83.55
		For Seal Class B, Add	*20.89*	
		For Seal Class A, Add	*44.56*	
		For Work In Restricted Working Space, Add	*41.78*	
23 31 13 13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.62	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.75*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.33	95.49
		For Seal Class B, Add	*23.87*	
		For Seal Class A, Add	*50.93*	
		For Work In Restricted Working Space, Add	*47.75*	
23 31 13 13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.04	101.47
		For Seal Class B, Add	*25.37*	
		For Seal Class A, Add	*54.12*	
		For Work In Restricted Working Space, Add	*50.74*	
23 31 13 13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.77	107.44
		For Seal Class B, Add	*26.86*	
		For Seal Class A, Add	*57.30*	
		For Work In Restricted Working Space, Add	*53.72*	
23 31 13 13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.46	113.41
		For Seal Class B, Add	*28.35*	
		For Seal Class A, Add	*60.48*	
		For Work In Restricted Working Space, Add	*56.70*	
23 31 13 13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	163.92	83.55
		For Seal Class B, Add	*20.89*	
		For Seal Class A, Add	*44.56*	
		For Work In Restricted Working Space, Add	*41.78*	
23 31 13 13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.62	89.53
		For Seal Class B, Add	*22.38*	
		For Seal Class A, Add	*47.75*	
		For Work In Restricted Working Space, Add	*44.76*	
23 31 13 13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.33	95.49
		For Seal Class B, Add	*23.87*	
		For Seal Class A, Add	*50.93*	
		For Work In Restricted Working Space, Add	*47.75*	
23 31 13 13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.04	101.47
		For Seal Class B, Add	*25.37*	
		For Seal Class A, Add	*54.12*	
		For Work In Restricted Working Space, Add	*50.74*	
23 31 13 13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.77	107.44
		For Seal Class B, Add	*26.86*	
		For Seal Class A, Add	*57.30*	
		For Work In Restricted Working Space, Add	*53.72*	
23 31 13 13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.46	113.41
		For Seal Class B, Add	*28.35*	
		For Seal Class A, Add	*60.48*	
		For Work In Restricted Working Space, Add	*56.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0886	LF	14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0887	LF	14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0888	LF	14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0889	LF	14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0890	LF	14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0891	LF	14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0892	LF	16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.33	95.49
		For Seal Class B, Add	*23.87*	
		For Seal Class A, Add	*50.93*	
		For Work In Restricted Working Space, Add	*47.75*	
23 31 13 13-0893	LF	16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	199.04	101.47
		For Seal Class B, Add	*25.37*	
		For Seal Class A, Add	*54.12*	
		For Work In Restricted Working Space, Add	*50.74*	
23 31 13 13-0894	LF	16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.77	107.44
		For Seal Class B, Add	*26.86*	
		For Seal Class A, Add	*57.30*	
		For Work In Restricted Working Space, Add	*53.72*	
23 31 13 13-0895	LF	16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.46	113.41
		For Seal Class B, Add	*28.35*	
		For Seal Class A, Add	*60.48*	
		For Work In Restricted Working Space, Add	*56.70*	
23 31 13 13-0896	LF	16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0897	LF	16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0898	LF	16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0899	LF	16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0900	LF	16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0901	LF	16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0902	LF	16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0903	LF	16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	
23 31 13 13-0904	LF	16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0905	LF	16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0906	LF	16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0907	LF	18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.77	107.44
		For Seal Class B, Add	*26.86*	
		For Seal Class A, Add	*57.30*	
		For Work In Restricted Working Space, Add	*53.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.46	113.41
		For Seal Class B, Add	*28.35*	
		For Seal Class A, Add	*60.48*	
		For Work In Restricted Working Space, Add	*56.70*	
23 31 13 13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	
23 31 13 13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.17	119.37
		For Seal Class B, Add	*29.84*	
		For Seal Class A, Add	*63.66*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	245.87	125.34
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*66.85*	
		For Work In Restricted Working Space, Add	*62.67*	
23 31 13 13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0930	LF	20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0931	LF	20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0932	LF	20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0933	LF	20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0934	LF	20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0935	LF	20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0936	LF	20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0937	LF	22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.57	131.30
		For Seal Class B, Add	*32.83*	
		For Seal Class A, Add	*70.03*	
		For Work In Restricted Working Space, Add	*65.65*	
23 31 13 13-0938	LF	22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	269.30	137.28
		For Seal Class B, Add	*34.32*	
		For Seal Class A, Add	*73.21*	
		For Work In Restricted Working Space, Add	*68.64*	
23 31 13 13-0939	LF	22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-0940	LF	22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0941	LF	22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0942	LF	22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	
23 31 13 13-0943	LF	22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0944	LF	22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0945	LF	22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0946	LF	22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0947	LF	22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0948	LF	22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0949	LF	22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0950	LF	22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-0951	LF	24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.02	143.24
		For Seal Class B, Add	*35.81*	
		For Seal Class A, Add	*76.40*	
		For Work In Restricted Working Space, Add	*71.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0952	LF	24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.72	149.21
		For Seal Class B, Add	*37.31*	
		For Seal Class A, Add	*79.58*	
		For Work In Restricted Working Space, Add	*74.61*	
23 31 13 13-0953	LF	24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0954	LF	24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	
23 31 13 13-0955	LF	24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0956	LF	24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0957	LF	24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0958	LF	24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0959	LF	24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0960	LF	24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0961	LF	24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0962	LF	24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-0963	LF	24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-0964	LF	26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.41	155.17
		For Seal Class B, Add	*38.79*	
		For Seal Class A, Add	*82.76*	
		For Work In Restricted Working Space, Add	*77.59*	
23 31 13 13-0965	LF	26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	316.11	161.15
		For Seal Class B, Add	*40.29*	
		For Seal Class A, Add	*85.95*	
		For Work In Restricted Working Space, Add	*80.57*	
23 31 13 13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0974	LF	26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-0975	LF	26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-0976	LF	28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.84	167.13
		For Seal Class B, Add	*41.78*	
		For Seal Class A, Add	*89.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 13-0977	LF	28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	339.55	173.09
		For Seal Class B, Add	*43.27*	
		For Seal Class A, Add	*92.31*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 13-0978	LF	28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0979	LF	28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0980	LF	28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0981	LF	28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0982	LF	28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0983	LF	28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-0984	LF	28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-0985	LF	28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-0986	LF	28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	
23 31 13 13-0987	LF	30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.26	179.06
		For Seal Class B, Add	*44.76*	
		For Seal Class A, Add	*95.50*	
		For Work In Restricted Working Space, Add	*89.53*	
23 31 13 13-0988	LF	30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	362.96	185.03
		For Seal Class B, Add	*46.26*	
		For Seal Class A, Add	*98.68*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 13-0989	LF	30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0990	LF	30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0991	LF	30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-0992	LF	30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-0993	LF	30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-0994	LF	30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-0995	LF	30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	456.64	232.78
		For Seal Class B, Add	*58.19*	
		For Seal Class A, Add	*124.15*	
		For Work In Restricted Working Space, Add	*116.39*	
23 31 13 13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	374.69	191.00
		For Seal Class B, Add	*47.75*	
		For Seal Class A, Add	*101.87*	
		For Work In Restricted Working Space, Add	*95.50*	
23 31 13 13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.40	196.96
		For Seal Class B, Add	*49.24*	
		For Seal Class A, Add	*105.05*	
		For Work In Restricted Working Space, Add	*98.48*	
23 31 13 13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	
23 31 13 13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	456.64	232.78
		For Seal Class B, Add	*58.19*	
		For Seal Class A, Add	*124.15*	
		For Work In Restricted Working Space, Add	*116.39*	
23 31 13 13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.34	238.75
		For Seal Class B, Add	*59.69*	
		For Seal Class A, Add	*127.33*	
		For Work In Restricted Working Space, Add	*119.37*	
23 31 13 13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.08	202.93
		For Seal Class B, Add	*50.73*	
		For Seal Class A, Add	*108.23*	
		For Work In Restricted Working Space, Add	*101.46*	
23 31 13 13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	409.79	208.90
		For Seal Class B, Add	*52.22*	
		For Seal Class A, Add	*111.41*	
		For Work In Restricted Working Space, Add	*104.45*	
23 31 13 13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-1010	LF	34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	
23 31 13 13-1011	LF	34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	456.64	232.78
		For Seal Class B, Add	*58.19*	
		For Seal Class A, Add	*124.15*	
		For Work In Restricted Working Space, Add	*116.39*	
23 31 13 13-1012	LF	34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.34	238.75
		For Seal Class B, Add	*59.69*	
		For Seal Class A, Add	*127.33*	
		For Work In Restricted Working Space, Add	*119.37*	
23 31 13 13-1013	LF	34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	480.04	244.71
		For Seal Class B, Add	*61.18*	
		For Seal Class A, Add	*130.51*	
		For Work In Restricted Working Space, Add	*122.36*	
23 31 13 13-1014	LF	36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.50	214.87
		For Seal Class B, Add	*53.72*	
		For Seal Class A, Add	*114.60*	
		For Work In Restricted Working Space, Add	*107.43*	
23 31 13 13-1015	LF	36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.24	220.83
		For Seal Class B, Add	*55.21*	
		For Seal Class A, Add	*117.78*	
		For Work In Restricted Working Space, Add	*110.42*	
23 31 13 13-1016	LF	36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	
23 31 13 13-1017	LF	36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	456.64	232.78
		For Seal Class B, Add	*58.19*	
		For Seal Class A, Add	*124.15*	
		For Work In Restricted Working Space, Add	*116.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1018	LF	36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.34	238.75
		For Seal Class B, Add	*59.69*	
		For Seal Class A, Add	*127.33*	
		For Work In Restricted Working Space, Add	*119.37*	
23 31 13 13-1019	LF	36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	480.04	244.71
		For Seal Class B, Add	*61.18*	
		For Seal Class A, Add	*130.51*	
		For Work In Restricted Working Space, Add	*122.36*	
23 31 13 13-1020	LF	36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.76	250.68
		For Seal Class B, Add	*62.67*	
		For Seal Class A, Add	*133.69*	
		For Work In Restricted Working Space, Add	*125.34*	
23 31 13 13-1021	LF	38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.93	226.80
		For Seal Class B, Add	*56.70*	
		For Seal Class A, Add	*120.96*	
		For Work In Restricted Working Space, Add	*113.40*	
23 31 13 13-1022	LF	38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	456.64	232.78
		For Seal Class B, Add	*58.19*	
		For Seal Class A, Add	*124.15*	
		For Work In Restricted Working Space, Add	*116.39*	
23 31 13 13-1023	LF	38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.34	238.75
		For Seal Class B, Add	*59.69*	
		For Seal Class A, Add	*127.33*	
		For Work In Restricted Working Space, Add	*119.37*	
23 31 13 13-1024	LF	38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	480.04	244.71
		For Seal Class B, Add	*61.18*	
		For Seal Class A, Add	*130.51*	
		For Work In Restricted Working Space, Add	*122.36*	
23 31 13 13-1025	LF	38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.76	250.68
		For Seal Class B, Add	*62.67*	
		For Seal Class A, Add	*133.69*	
		For Work In Restricted Working Space, Add	*125.34*	
23 31 13 13-1026	LF	38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.48	256.65
		For Seal Class B, Add	*64.16*	
		For Seal Class A, Add	*136.88*	
		For Work In Restricted Working Space, Add	*128.33*	
23 31 13 13-1027	LF	38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.18	262.62
		For Seal Class B, Add	*65.66*	
		For Seal Class A, Add	*140.06*	
		For Work In Restricted Working Space, Add	*131.31*	
23 31 13 13-1028	LF	40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.34	238.75
		For Seal Class B, Add	*59.69*	
		For Seal Class A, Add	*127.33*	
		For Work In Restricted Working Space, Add	*119.37*	
23 31 13 13-1029	LF	40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	480.04	244.71
		For Seal Class B, Add	*61.18*	
		For Seal Class A, Add	*130.51*	
		For Work In Restricted Working Space, Add	*122.36*	
23 31 13 13-1030	LF	40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.76	250.68
		For Seal Class B, Add	*62.67*	
		For Seal Class A, Add	*133.69*	
		For Work In Restricted Working Space, Add	*125.34*	
23 31 13 13-1031	LF	40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.48	256.65
		For Seal Class B, Add	*64.16*	
		For Seal Class A, Add	*136.88*	
		For Work In Restricted Working Space, Add	*128.33*	
23 31 13 13-1032	LF	40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.18	262.62
		For Seal Class B, Add	*65.66*	
		For Seal Class A, Add	*140.06*	
		For Work In Restricted Working Space, Add	*131.31*	
23 31 13 13-1033	LF	40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	526.89	268.58
		For Seal Class B, Add	*67.15*	
		For Seal Class A, Add	*143.25*	
		For Work In Restricted Working Space, Add	*134.30*	
23 31 13 13-1034	LF	40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	538.58	274.55
		For Seal Class B, Add	*68.64*	
		For Seal Class A, Add	*146.43*	
		For Work In Restricted Working Space, Add	*137.28*	
23 31 13 13-1035	LF	40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	550.32	280.52
		For Seal Class B, Add	*70.13*	
		For Seal Class A, Add	*149.61*	
		For Work In Restricted Working Space, Add	*140.26*	
23 31 13 13-1036	LF	40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	562.02	286.49
		For Seal Class B, Add	*71.62*	
		For Seal Class A, Add	*152.80*	
		For Work In Restricted Working Space, Add	*143.25*	
23 31 13 13-1037	LF	42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.76	250.68
		For Seal Class B, Add	*62.67*	
		For Seal Class A, Add	*133.69*	
		For Work In Restricted Working Space, Add	*125.34*	
23 31 13 13-1038	LF	42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.48	256.65
		For Seal Class B, Add	*64.16*	
		For Seal Class A, Add	*136.88*	
		For Work In Restricted Working Space, Add	*128.33*	
23 31 13 13-1039	LF	42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.18	262.62
		For Seal Class B, Add	*65.66*	
		For Seal Class A, Add	*140.06*	
		For Work In Restricted Working Space, Add	*131.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1040	LF	42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	526.89	268.58
		For Seal Class B, Add	*67.15*	
		For Seal Class A, Add	*143.25*	
		For Work In Restricted Working Space, Add	*134.30*	
23 31 13 13-1041	LF	42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	538.58	274.55
		For Seal Class B, Add	*68.64*	
		For Seal Class A, Add	*146.43*	
		For Work In Restricted Working Space, Add	*137.28*	
23 31 13 13-1042	LF	42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	550.32	280.52
		For Seal Class B, Add	*70.13*	
		For Seal Class A, Add	*149.61*	
		For Work In Restricted Working Space, Add	*140.26*	
23 31 13 13-1043	LF	42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	562.02	286.49
		For Seal Class B, Add	*71.62*	
		For Seal Class A, Add	*152.80*	
		For Work In Restricted Working Space, Add	*143.25*	
23 31 13 13-1044	LF	42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.72	292.45
		For Seal Class B, Add	*73.11*	
		For Seal Class A, Add	*155.98*	
		For Work In Restricted Working Space, Add	*146.23*	
23 31 13 13-1045	LF	44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.18	262.62
		For Seal Class B, Add	*65.66*	
		For Seal Class A, Add	*140.06*	
		For Work In Restricted Working Space, Add	*131.31*	
23 31 13 13-1046	LF	44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	526.89	268.58
		For Seal Class B, Add	*67.15*	
		For Seal Class A, Add	*143.25*	
		For Work In Restricted Working Space, Add	*134.30*	
23 31 13 13-1047	LF	44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	538.58	274.55
		For Seal Class B, Add	*68.64*	
		For Seal Class A, Add	*146.43*	
		For Work In Restricted Working Space, Add	*137.28*	
23 31 13 13-1048	LF	44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	550.32	280.52
		For Seal Class B, Add	*70.13*	
		For Seal Class A, Add	*149.61*	
		For Work In Restricted Working Space, Add	*140.26*	
23 31 13 13-1049	LF	44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	562.02	286.49
		For Seal Class B, Add	*71.62*	
		For Seal Class A, Add	*152.80*	
		For Work In Restricted Working Space, Add	*143.25*	
23 31 13 13-1050	LF	44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.72	292.45
		For Seal Class B, Add	*73.11*	
		For Seal Class A, Add	*155.98*	
		For Work In Restricted Working Space, Add	*146.23*	
23 31 13 13-1051	LF	44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.42	298.43
		For Seal Class B, Add	*74.61*	
		For Seal Class A, Add	*159.16*	
		For Work In Restricted Working Space, Add	*149.21*	
23 31 13 13-1052	LF	46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	538.58	274.55
		For Seal Class B, Add	*68.64*	
		For Seal Class A, Add	*146.43*	
		For Work In Restricted Working Space, Add	*137.28*	
23 31 13 13-1053	LF	46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	550.32	280.52
		For Seal Class B, Add	*70.13*	
		For Seal Class A, Add	*149.61*	
		For Work In Restricted Working Space, Add	*140.26*	
23 31 13 13-1054	LF	46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	562.02	286.49
		For Seal Class B, Add	*71.62*	
		For Seal Class A, Add	*152.80*	
		For Work In Restricted Working Space, Add	*143.25*	
23 31 13 13-1055	LF	46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.72	292.45
		For Seal Class B, Add	*73.11*	
		For Seal Class A, Add	*155.98*	
		For Work In Restricted Working Space, Add	*146.23*	
23 31 13 13-1056	LF	46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.42	298.43
		For Seal Class B, Add	*74.61*	
		For Seal Class A, Add	*159.16*	
		For Work In Restricted Working Space, Add	*149.21*	
23 31 13 13-1057	LF	46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.08	310.37
		For Seal Class B, Add	*77.59*	
		For Seal Class A, Add	*165.53*	
		For Work In Restricted Working Space, Add	*155.18*	
23 31 13 13-1058	LF	46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	618.81	316.34
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.71*	
		For Work In Restricted Working Space, Add	*158.17*	
23 31 13 13-1059	LF	48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	562.02	286.49
		For Seal Class B, Add	*71.62*	
		For Seal Class A, Add	*152.80*	
		For Work In Restricted Working Space, Add	*143.25*	
23 31 13 13-1060	LF	48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	573.72	292.45
		For Seal Class B, Add	*73.11*	
		For Seal Class A, Add	*155.98*	
		For Work In Restricted Working Space, Add	*146.23*	
23 31 13 13-1061	LF	48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.42	298.43
		For Seal Class B, Add	*74.61*	
		For Seal Class A, Add	*159.16*	
		For Work In Restricted Working Space, Add	*149.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1062	LF	48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	597.13	304.40
		For Seal Class B, Add	*76.10*	
		For Seal Class A, Add	*162.35*	
		For Work In Restricted Working Space, Add	*152.20*	
23 31 13 13-1063	LF	48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	608.86	310.37
		For Seal Class B, Add	*77.59*	
		For Seal Class A, Add	*165.53*	
		For Work In Restricted Working Space, Add	*155.18*	
23 31 13 13-1064	LF	48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	620.57	316.34
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.71*	
		For Work In Restricted Working Space, Add	*158.17*	
23 31 13 13-1065	LF	48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	632.26	322.30
		For Seal Class B, Add	*80.58*	
		For Seal Class A, Add	*171.89*	
		For Work In Restricted Working Space, Add	*161.15*	
23 31 13 13-1066	LF	50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	585.42	298.43
		For Seal Class B, Add	*74.61*	
		For Seal Class A, Add	*159.16*	
		For Work In Restricted Working Space, Add	*149.21*	
23 31 13 13-1067	LF	50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	597.13	304.40
		For Seal Class B, Add	*76.10*	
		For Seal Class A, Add	*162.35*	
		For Work In Restricted Working Space, Add	*152.20*	
23 31 13 13-1068	LF	50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	608.86	310.37
		For Seal Class B, Add	*77.59*	
		For Seal Class A, Add	*165.53*	
		For Work In Restricted Working Space, Add	*155.18*	
23 31 13 13-1069	LF	50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	620.57	316.34
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.71*	
		For Work In Restricted Working Space, Add	*158.17*	
23 31 13 13-1070	LF	50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	632.26	322.30
		For Seal Class B, Add	*80.58*	
		For Seal Class A, Add	*171.89*	
		For Work In Restricted Working Space, Add	*161.15*	
23 31 13 13-1071	LF	50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	643.97	328.28
		For Seal Class B, Add	*82.07*	
		For Seal Class A, Add	*175.08*	
		For Work In Restricted Working Space, Add	*164.14*	
23 31 13 13-1072	LF	52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	608.86	310.37
		For Seal Class B, Add	*77.59*	
		For Seal Class A, Add	*165.53*	
		For Work In Restricted Working Space, Add	*155.18*	
23 31 13 13-1073	LF	52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	620.57	316.34
		For Seal Class B, Add	*79.08*	
		For Seal Class A, Add	*168.71*	
		For Work In Restricted Working Space, Add	*158.17*	
23 31 13 13-1074	LF	52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	632.26	322.30
		For Seal Class B, Add	*80.58*	
		For Seal Class A, Add	*171.89*	
		For Work In Restricted Working Space, Add	*161.15*	
23 31 13 13-1075	LF	52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	643.97	328.28
		For Seal Class B, Add	*82.07*	
		For Seal Class A, Add	*175.08*	
		For Work In Restricted Working Space, Add	*164.14*	
23 31 13 13-1076	LF	52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.67	334.24
		For Seal Class B, Add	*83.56*	
		For Seal Class A, Add	*178.26*	
		For Work In Restricted Working Space, Add	*167.12*	
23 31 13 13-1077	LF	54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	632.26	322.30
		For Seal Class B, Add	*80.58*	
		For Seal Class A, Add	*171.89*	
		For Work In Restricted Working Space, Add	*161.15*	
23 31 13 13-1078	LF	54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	643.97	328.28
		For Seal Class B, Add	*82.07*	
		For Seal Class A, Add	*175.08*	
		For Work In Restricted Working Space, Add	*164.14*	
23 31 13 13-1079	LF	54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.67	334.24
		For Seal Class B, Add	*83.56*	
		For Seal Class A, Add	*178.26*	
		For Work In Restricted Working Space, Add	*167.12*	
23 31 13 13-1080	LF	54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	667.40	340.21
		For Seal Class B, Add	*85.05*	
		For Seal Class A, Add	*181.45*	
		For Work In Restricted Working Space, Add	*170.11*	
23 31 13 13-1081	LF	54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	679.10	346.17
		For Seal Class B, Add	*86.54*	
		For Seal Class A, Add	*184.63*	
		For Work In Restricted Working Space, Add	*173.09*	
23 31 13 13-1082	LF	54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.80	352.15
		For Seal Class B, Add	*88.04*	
		For Seal Class A, Add	*187.81*	
		For Work In Restricted Working Space, Add	*176.07*	
23 31 13 13-1083	LF	56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.67	334.24
		For Seal Class B, Add	*83.56*	
		For Seal Class A, Add	*178.26*	
		For Work In Restricted Working Space, Add	*167.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1084	LF	56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	667.40	340.21
		For Seal Class B, Add	*85.05*	
		For Seal Class A, Add	*181.45*	
		For Work In Restricted Working Space, Add	*170.11*	
23 31 13 13-1085	LF	56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	679.10	346.17
		For Seal Class B, Add	*86.54*	
		For Seal Class A, Add	*184.63*	
		For Work In Restricted Working Space, Add	*173.09*	
23 31 13 13-1086	LF	56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.80	352.15
		For Seal Class B, Add	*88.04*	
		For Seal Class A, Add	*187.81*	
		For Work In Restricted Working Space, Add	*176.07*	
23 31 13 13-1087	LF	56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	702.51	358.11
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-1088	LF	58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	679.10	346.17
		For Seal Class B, Add	*86.54*	
		For Seal Class A, Add	*184.63*	
		For Work In Restricted Working Space, Add	*173.09*	
23 31 13 13-1089	LF	58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.80	352.15
		For Seal Class B, Add	*88.04*	
		For Seal Class A, Add	*187.81*	
		For Work In Restricted Working Space, Add	*176.07*	
23 31 13 13-1090	LF	58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	702.51	358.11
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-1091	LF	58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	714.22	364.09
		For Seal Class B, Add	*91.02*	
		For Seal Class A, Add	*194.18*	
		For Work In Restricted Working Space, Add	*182.04*	
23 31 13 13-1092	LF	58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	725.94	370.05
		For Seal Class B, Add	*92.51*	
		For Seal Class A, Add	*197.36*	
		For Work In Restricted Working Space, Add	*185.03*	
23 31 13 13-1093	LF	60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	702.51	358.11
		For Seal Class B, Add	*89.53*	
		For Seal Class A, Add	*191.00*	
		For Work In Restricted Working Space, Add	*179.06*	
23 31 13 13-1094	LF	60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	714.22	364.09
		For Seal Class B, Add	*91.02*	
		For Seal Class A, Add	*194.18*	
		For Work In Restricted Working Space, Add	*182.04*	
23 31 13 13-1095	LF	60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	725.94	370.05
		For Seal Class B, Add	*92.51*	
		For Seal Class A, Add	*197.36*	
		For Work In Restricted Working Space, Add	*185.03*	
23 31 13 13-1096	LF	60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.64	376.03
		For Seal Class B, Add	*94.01*	
		For Seal Class A, Add	*200.54*	
		For Work In Restricted Working Space, Add	*188.01*	
23 31 13 13-1097	LF	60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	749.35	381.99
		For Seal Class B, Add	*95.50*	
		For Seal Class A, Add	*203.73*	
		For Work In Restricted Working Space, Add	*191.00*	
23 31 13 13-1098	LF	62" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	725.94	370.05
		For Seal Class B, Add	*92.51*	
		For Seal Class A, Add	*197.36*	
		For Work In Restricted Working Space, Add	*185.03*	
23 31 13 13-1099	LF	62" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.64	376.03
		For Seal Class B, Add	*94.01*	
		For Seal Class A, Add	*200.54*	
		For Work In Restricted Working Space, Add	*188.01*	
23 31 13 13-1100	LF	62" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	749.35	381.99
		For Seal Class B, Add	*95.50*	
		For Seal Class A, Add	*203.73*	
		For Work In Restricted Working Space, Add	*191.00*	
23 31 13 13-1101	LF	62" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.05	387.96
		For Seal Class B, Add	*96.99*	
		For Seal Class A, Add	*206.91*	
		For Work In Restricted Working Space, Add	*193.98*	
23 31 13 13-1102	LF	62" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	772.75	393.92
		For Seal Class B, Add	*98.48*	
		For Seal Class A, Add	*210.09*	
		For Work In Restricted Working Space, Add	*196.96*	
23 31 13 13-1103	LF	64" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	749.35	381.99
		For Seal Class B, Add	*95.50*	
		For Seal Class A, Add	*203.73*	
		For Work In Restricted Working Space, Add	*191.00*	
23 31 13 13-1104	LF	64" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	761.05	387.96
		For Seal Class B, Add	*96.99*	
		For Seal Class A, Add	*206.91*	
		For Work In Restricted Working Space, Add	*193.98*	
23 31 13 13-1105	LF	64" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	772.75	393.92
		For Seal Class B, Add	*98.48*	
		For Seal Class A, Add	*210.09*	
		For Work In Restricted Working Space, Add	*196.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1106	LF	64" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	784.48	399.90
		For Seal Class B, Add	*99.97*	
		For Seal Class A, Add	*213.28*	
		For Work In Restricted Working Space, Add	*199.95*	
23 31 13 13-1107	LF	66" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	772.75	393.92
		For Seal Class B, Add	*98.48*	
		For Seal Class A, Add	*210.09*	
		For Work In Restricted Working Space, Add	*196.96*	
23 31 13 13-1108	LF	66" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	784.48	399.90
		For Seal Class B, Add	*99.97*	
		For Seal Class A, Add	*213.28*	
		For Work In Restricted Working Space, Add	*199.95*	
23 31 13 13-1109	LF	66" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	796.19	405.86
		For Seal Class B, Add	*101.47*	
		For Seal Class A, Add	*216.46*	
		For Work In Restricted Working Space, Add	*202.93*	
23 31 13 13-1110	LF	66" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	807.88	411.83
		For Seal Class B, Add	*102.96*	
		For Seal Class A, Add	*219.64*	
		For Work In Restricted Working Space, Add	*205.91*	
23 31 13 13-1111	LF	68" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	796.19	405.86
		For Seal Class B, Add	*101.47*	
		For Seal Class A, Add	*216.46*	
		For Work In Restricted Working Space, Add	*202.93*	
23 31 13 13-1112	LF	68" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	807.88	411.83
		For Seal Class B, Add	*102.96*	
		For Seal Class A, Add	*219.64*	
		For Work In Restricted Working Space, Add	*205.91*	
23 31 13 13-1113	LF	68" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	819.60	417.79
		For Seal Class B, Add	*104.45*	
		For Seal Class A, Add	*222.83*	
		For Work In Restricted Working Space, Add	*208.90*	
23 31 13 13-1114	LF	68" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	831.29	423.77
		For Seal Class B, Add	*105.94*	
		For Seal Class A, Add	*226.01*	
		For Work In Restricted Working Space, Add	*211.88*	
23 31 13 13-1115	LF	70" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	819.60	417.79
		For Seal Class B, Add	*104.45*	
		For Seal Class A, Add	*222.83*	
		For Work In Restricted Working Space, Add	*208.90*	
23 31 13 13-1116	LF	70" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	831.29	423.77
		For Seal Class B, Add	*105.94*	
		For Seal Class A, Add	*226.01*	
		For Work In Restricted Working Space, Add	*211.88*	
23 31 13 13-1117	LF	70" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	843.03	429.74
		For Seal Class B, Add	*107.43*	
		For Seal Class A, Add	*229.19*	
		For Work In Restricted Working Space, Add	*214.87*	
23 31 13 13-1118	LF	70" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	854.73	435.71
		For Seal Class B, Add	*108.93*	
		For Seal Class A, Add	*232.38*	
		For Work In Restricted Working Space, Add	*217.85*	
23 31 13 13-1119	LF	70" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	866.43	441.67
		For Seal Class B, Add	*110.42*	
		For Seal Class A, Add	*235.56*	
		For Work In Restricted Working Space, Add	*220.84*	
23 31 13 13-1120	LF	70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	878.13	447.65
		For Seal Class B, Add	*111.91*	
		For Seal Class A, Add	*238.74*	
		For Work In Restricted Working Space, Add	*223.82*	
23 31 13 13-1121	LF	70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	889.85	453.61
		For Seal Class B, Add	*113.40*	
		For Seal Class A, Add	*241.93*	
		For Work In Restricted Working Space, Add	*226.81*	
23 31 13 13-1122	LF	70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	901.58	459.58
		For Seal Class B, Add	*114.90*	
		For Seal Class A, Add	*245.11*	
		For Work In Restricted Working Space, Add	*229.79*	
23 31 13 13-1123	LF	70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	913.27	465.54
		For Seal Class B, Add	*116.39*	
		For Seal Class A, Add	*248.29*	
		For Work In Restricted Working Space, Add	*232.77*	
23 31 13 13-1124	LF	72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	843.03	429.74
		For Seal Class B, Add	*107.43*	
		For Seal Class A, Add	*229.19*	
		For Work In Restricted Working Space, Add	*214.87*	
23 31 13 13-1125	LF	72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	854.73	435.71
		For Seal Class B, Add	*108.93*	
		For Seal Class A, Add	*232.38*	
		For Work In Restricted Working Space, Add	*217.85*	
23 31 13 13-1126	LF	72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	866.43	441.67
		For Seal Class B, Add	*110.42*	
		For Seal Class A, Add	*235.56*	
		For Work In Restricted Working Space, Add	*220.84*	
23 31 13 13-1127	LF	72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	878.13	447.65
		For Seal Class B, Add	*111.91*	
		For Seal Class A, Add	*238.74*	
		For Work In Restricted Working Space, Add	*223.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	889.85	453.61
		For Seal Class B, Add	*113.40*	
		For Seal Class A, Add	*241.93*	
		For Work In Restricted Working Space, Add	*226.81*	
23 31 13 13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	901.58	459.58
		For Seal Class B, Add	*114.90*	
		For Seal Class A, Add	*245.11*	
		For Work In Restricted Working Space, Add	*229.79*	
23 31 13 13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	913.27	465.54
		For Seal Class B, Add	*116.39*	
		For Seal Class A, Add	*248.29*	
		For Work In Restricted Working Space, Add	*232.77*	
23 31 13 13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	924.97	471.52
		For Seal Class B, Add	*117.88*	
		For Seal Class A, Add	*251.48*	
		For Work In Restricted Working Space, Add	*235.76*	
23 31 13 13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	866.43	441.67
		For Seal Class B, Add	*110.42*	
		For Seal Class A, Add	*235.56*	
		For Work In Restricted Working Space, Add	*220.84*	
23 31 13 13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	878.13	447.65
		For Seal Class B, Add	*111.91*	
		For Seal Class A, Add	*238.74*	
		For Work In Restricted Working Space, Add	*223.82*	
23 31 13 13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	889.85	453.61
		For Seal Class B, Add	*113.40*	
		For Seal Class A, Add	*241.93*	
		For Work In Restricted Working Space, Add	*226.81*	
23 31 13 13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	901.58	459.58
		For Seal Class B, Add	*114.90*	
		For Seal Class A, Add	*245.11*	
		For Work In Restricted Working Space, Add	*229.79*	
23 31 13 13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	913.27	465.54
		For Seal Class B, Add	*116.39*	
		For Seal Class A, Add	*248.29*	
		For Work In Restricted Working Space, Add	*232.77*	
23 31 13 13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	924.97	471.52
		For Seal Class B, Add	*117.88*	
		For Seal Class A, Add	*251.48*	
		For Work In Restricted Working Space, Add	*235.76*	
23 31 13 13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	936.68	477.49
		For Seal Class B, Add	*119.37*	
		For Seal Class A, Add	*254.66*	
		For Work In Restricted Working Space, Add	*238.74*	
23 31 13 13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	889.85	453.61
		For Seal Class B, Add	*113.40*	
		For Seal Class A, Add	*241.93*	
		For Work In Restricted Working Space, Add	*226.81*	
23 31 13 13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	901.58	459.58
		For Seal Class B, Add	*114.90*	
		For Seal Class A, Add	*245.11*	
		For Work In Restricted Working Space, Add	*229.79*	
23 31 13 13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	913.27	465.54
		For Seal Class B, Add	*116.39*	
		For Seal Class A, Add	*248.29*	
		For Work In Restricted Working Space, Add	*232.77*	
23 31 13 13-1142	LF	76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	924.97	471.52
		For Seal Class B, Add	*117.88*	
		For Seal Class A, Add	*251.48*	
		For Work In Restricted Working Space, Add	*235.76*	
23 31 13 13-1143	LF	76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	936.68	477.49
		For Seal Class B, Add	*119.37*	
		For Seal Class A, Add	*254.66*	
		For Work In Restricted Working Space, Add	*238.74*	
23 31 13 13-1144	LF	76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	948.37	483.45
		For Seal Class B, Add	*120.86*	
		For Seal Class A, Add	*257.84*	
		For Work In Restricted Working Space, Add	*241.73*	
23 31 13 13-1145	LF	78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	913.27	465.54
		For Seal Class B, Add	*116.39*	
		For Seal Class A, Add	*248.29*	
		For Work In Restricted Working Space, Add	*232.77*	
23 31 13 13-1146	LF	78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	924.97	471.52
		For Seal Class B, Add	*117.88*	
		For Seal Class A, Add	*251.48*	
		For Work In Restricted Working Space, Add	*235.76*	
23 31 13 13-1147	LF	78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	936.68	477.49
		For Seal Class B, Add	*119.37*	
		For Seal Class A, Add	*254.66*	
		For Work In Restricted Working Space, Add	*238.74*	
23 31 13 13-1148	LF	78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	948.37	483.45
		For Seal Class B, Add	*120.86*	
		For Seal Class A, Add	*257.84*	
		For Work In Restricted Working Space, Add	*241.73*	
23 31 13 13-1149	LF	78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	960.10	489.42
		For Seal Class B, Add	*122.36*	
		For Seal Class A, Add	*261.02*	
		For Work In Restricted Working Space, Add	*244.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1150	LF	80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	936.68	477.49
		For Seal Class B, Add	*119.37*	
		For Seal Class A, Add	*254.66*	
		For Work In Restricted Working Space, Add	*238.74*	
23 31 13 13-1151	LF	80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	948.37	483.45
		For Seal Class B, Add	*120.86*	
		For Seal Class A, Add	*257.84*	
		For Work In Restricted Working Space, Add	*241.73*	
23 31 13 13-1152	LF	80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	960.10	489.42
		For Seal Class B, Add	*122.36*	
		For Seal Class A, Add	*261.02*	
		For Work In Restricted Working Space, Add	*244.71*	
23 31 13 13-1153	LF	80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	981.77	501.37
		For Seal Class B, Add	*125.34*	
		For Seal Class A, Add	*267.40*	
		For Work In Restricted Working Space, Add	*250.68*	
23 31 13 13-1154	LF	82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	960.10	489.42
		For Seal Class B, Add	*122.36*	
		For Seal Class A, Add	*261.02*	
		For Work In Restricted Working Space, Add	*244.71*	
23 31 13 13-1155	LF	82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	971.82	495.40
		For Seal Class B, Add	*123.85*	
		For Seal Class A, Add	*264.21*	
		For Work In Restricted Working Space, Add	*247.70*	
23 31 13 13-1156	LF	82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	983.53	501.37
		For Seal Class B, Add	*125.34*	
		For Seal Class A, Add	*267.40*	
		For Work In Restricted Working Space, Add	*250.68*	
23 31 13 13-1157	LF	84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	983.53	501.37
		For Seal Class B, Add	*125.34*	
		For Seal Class A, Add	*267.40*	
		For Work In Restricted Working Space, Add	*250.68*	
23 31 13 13-1158	LF	84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	995.23	507.33
		For Seal Class B, Add	*126.83*	
		For Seal Class A, Add	*270.58*	
		For Work In Restricted Working Space, Add	*253.67*	
23 31 13 13-1159	LF	86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,006.92	513.30
		For Seal Class B, Add	*128.32*	
		For Seal Class A, Add	*273.76*	
		For Work In Restricted Working Space, Add	*256.65*	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.44	2.93
		For Seal Class B, Add	*0.90*	
		For Seal Class A, Add	*2.39*	
		For Up To 20', Add	*0.74*	
		For >20' To 50', Add	*0.30*	
		For >200' To 500', Deduct	*-0.18*	
		For >500', Deduct	*-0.31*	
		For 28 Gauge, Deduct	*-0.34*	
		For 24 Gauge, Add	*0.34*	
		For 22 Gauge, Add	*0.68*	
		For 20 Gauge, Add	*1.02*	
		For 18 Gauge, Add	*1.35*	
		For 16 Gauge, Add	*1.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.82*	
		For Work In Restricted Working Space, Add	*1.79*	
		For Elevated Installation >10' To 15', Add	*0.60*	
		For Elevated Installation >15' To 20', Add	*1.20*	
		For Elevated Installation >20' To 25', Add	*1.50*	
		For Elevated Installation >25' To 30', Add	*2.09*	
		For Elevated Installation >30' To 35', Add	*2.39*	
		For Elevated Installation >35' To 40', Add	*2.99*	
		For Elevated Installation >40', Add	*3.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	9.75	3.32
		For Seal Class B, Add	*1.00*	
		For Seal Class A, Add	*2.66*	
		For Up To 20', Add	*0.93*	
		For >20' To 50', Add	*0.37*	
		For >200' To 500', Deduct	*-0.23*	
		For >500', Deduct	*-0.39*	
		For 28 Gauge, Deduct	*-0.43*	
		For 24 Gauge, Add	*0.43*	
		For 22 Gauge, Add	*0.86*	
		For 20 Gauge, Add	*1.29*	
		For 18 Gauge, Add	*1.71*	
		For 16 Gauge, Add	*2.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.30*	
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.66*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	11.06	3.99
		For Seal Class B, Add	*1.12*	
		For Seal Class A, Add	*2.99*	
		For Up To 20', Add	*1.08*	
		For >20' To 50', Add	*0.43*	
		For >200' To 500', Deduct	*-0.27*	
		For >500', Deduct	*-0.45*	
		For 28 Gauge, Deduct	*-0.50*	
		For 24 Gauge, Add	*0.50*	
		For 22 Gauge, Add	*0.99*	
		For 20 Gauge, Add	*1.49*	
		For 18 Gauge, Add	*1.97*	
		For 16 Gauge, Add	*2.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.66*	
		For Work In Restricted Working Space, Add	*2.24*	
		For Elevated Installation >10' To 15', Add	*0.75*	
		For Elevated Installation >15' To 20', Add	*1.49*	
		For Elevated Installation >20' To 25', Add	*1.87*	
		For Elevated Installation >25' To 30', Add	*2.61*	
		For Elevated Installation >30' To 35', Add	*2.99*	
		For Elevated Installation >35' To 40', Add	*3.74*	
		For Elevated Installation >40', Add	*4.11*	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	12.41	4.65
		For Seal Class B, Add	*1.28*	
		For Seal Class A, Add	*3.42*	
		For Up To 20', Add	*1.16*	
		For >20' To 50', Add	*0.46*	
		For >200' To 500', Deduct	*-0.29*	
		For >500', Deduct	*-0.48*	
		For 28 Gauge, Deduct	*-0.54*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.07*	
		For 20 Gauge, Add	*1.60*	
		For 18 Gauge, Add	*2.13*	
		For 16 Gauge, Add	*2.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.86*	
		For Work In Restricted Working Space, Add	*2.56*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.71*	
		For Elevated Installation >20' To 25', Add	*2.14*	
		For Elevated Installation >25' To 30', Add	*2.99*	
		For Elevated Installation >30' To 35', Add	*3.42*	
		For Elevated Installation >35' To 40', Add	*4.27*	
		For Elevated Installation >40', Add	*4.70*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	14.11	5.31
		For Seal Class B, Add	*1.49*	
		For Seal Class A, Add	*3.98*	
		For Up To 20', Add	*1.25*	
		For >20' To 50', Add	*0.50*	
		For >200' To 500', Deduct	*-0.31*	
		For >500', Deduct	*-0.52*	
		For 28 Gauge, Deduct	*-0.57*	
		For 24 Gauge, Add	*0.57*	
		For 22 Gauge, Add	*1.14*	
		For 20 Gauge, Add	*1.72*	
		For 18 Gauge, Add	*2.28*	
		For 16 Gauge, Add	*2.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.49*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	18.01	6.64
		For Seal Class B, Add	*1.79*	
		For Seal Class A, Add	*4.78*	
		For Up To 20', Add	*1.82*	
		For >20' To 50', Add	*0.73*	
		For >200' To 500', Deduct	*-0.45*	
		For >500', Deduct	*-0.76*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.67*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.33*	
		For 16 Gauge, Add	*4.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.48*	
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.39*	
		For Elevated Installation >20' To 25', Add	*2.99*	
		For Elevated Installation >25' To 30', Add	*4.19*	
		For Elevated Installation >30' To 35', Add	*4.78*	
		For Elevated Installation >35' To 40', Add	*5.98*	
		For Elevated Installation >40', Add	*6.58*	
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	22.02	8.90
		For Seal Class B, Add	*2.24*	
		For Seal Class A, Add	*5.98*	
		For Up To 20', Add	*2.12*	
		For >20' To 50', Add	*0.85*	
		For >200' To 500', Deduct	*-0.53*	
		For >500', Deduct	*-0.88*	
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.95*	
		For 20 Gauge, Add	*2.93*	
		For 18 Gauge, Add	*3.89*	
		For 16 Gauge, Add	*4.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.23*	
		For Work In Restricted Working Space, Add	*4.49*	
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*2.99*	
		For Elevated Installation >20' To 25', Add	*3.74*	
		For Elevated Installation >25' To 30', Add	*5.23*	
		For Elevated Installation >30' To 35', Add	*5.98*	
		For Elevated Installation >35' To 40', Add	*7.48*	
		For Elevated Installation >40', Add	*8.22*	
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	26.71	13.28
		For Seal Class B, Add	*2.80*	
		For Seal Class A, Add	*7.47*	
		For Up To 20', Add	*2.41*	
		For >20' To 50', Add	*0.96*	
		For >200' To 500', Deduct	*-0.60*	
		For >500', Deduct	*-1.00*	
		For 28 Gauge, Deduct	*-1.11*	
		For 24 Gauge, Add	*1.11*	
		For 22 Gauge, Add	*2.21*	
		For 20 Gauge, Add	*3.32*	
		For 18 Gauge, Add	*4.42*	
		For 16 Gauge, Add	*5.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.94*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	35.94	17.81
		For Seal Class B, Add	*3.74*	
		For Seal Class A, Add	*9.96*	
		For Up To 20', Add	*3.31*	
		For >20' To 50', Add	*1.32*	
		For >200' To 500', Deduct	*-0.83*	
		For >500', Deduct	*-1.38*	
		For 28 Gauge, Deduct	*-1.53*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.04*	
		For 20 Gauge, Add	*4.57*	
		For 18 Gauge, Add	*6.07*	
		For 16 Gauge, Add	*7.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.16*	
		For Work In Restricted Working Space, Add	*7.47*	
		For Elevated Installation >10' To 15', Add	*2.49*	
		For Elevated Installation >15' To 20', Add	*4.98*	
		For Elevated Installation >20' To 25', Add	*6.23*	
		For Elevated Installation >25' To 30', Add	*8.72*	
		For Elevated Installation >30' To 35', Add	*9.96*	
		For Elevated Installation >35' To 40', Add	*12.46*	
		For Elevated Installation >40', Add	*13.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	51.21	21.39
		For Up To 20', Add	*6.40*	
		For >20' To 50', Add	*2.56*	
		For >200' To 500', Deduct	*-1.60*	
		For >500', Deduct	*-2.67*	
		For 28 Gauge, Deduct	*-2.95*	
		For 24 Gauge, Add	*2.94*	
		For 22 Gauge, Add	*5.87*	
		For 20 Gauge, Add	*8.83*	
		For 18 Gauge, Add	*11.73*	
		For 16 Gauge, Add	*14.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.78*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.47*	
		For Elevated Installation >25' To 30', Add	*10.46*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.95*	
		For Elevated Installation >40', Add	*16.44*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	58.34	24.71
		For Up To 20', Add	*7.14*	
		For >20' To 50', Add	*2.86*	
		For >200' To 500', Deduct	*-1.79*	
		For >500', Deduct	*-2.98*	
		For 28 Gauge, Deduct	*-3.30*	
		For 24 Gauge, Add	*3.28*	
		For 22 Gauge, Add	*6.56*	
		For 20 Gauge, Add	*9.85*	
		For 18 Gauge, Add	*13.09*	
		For 16 Gauge, Add	*16.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.61*	
		For Work In Restricted Working Space, Add	*10.36*	
		For Elevated Installation >10' To 15', Add	*3.45*	
		For Elevated Installation >15' To 20', Add	*6.91*	
		For Elevated Installation >20' To 25', Add	*8.64*	
		For Elevated Installation >25' To 30', Add	*12.09*	
		For Elevated Installation >30' To 35', Add	*13.82*	
		For Elevated Installation >35' To 40', Add	*17.27*	
		For Elevated Installation >40', Add	*19.00*	

23 31 13 16-0014 Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	42.49	17.74
		For Seal Class B, Add	*5.32*	
		For Seal Class A, Add	*14.19*	
		For 28 Gauge, Deduct	*-0.97*	
		For 24 Gauge, Add	*0.97*	
		For 22 Gauge, Add	*1.93*	
		For 20 Gauge, Add	*2.91*	
		For 18 Gauge, Add	*3.86*	
		For 16 Gauge, Add	*4.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.19*	
		For Work In Restricted Working Space, Add	*10.64*	
		For Elevated Installation >10' To 15', Add	*3.55*	
		For Elevated Installation >15' To 20', Add	*7.09*	
		For Elevated Installation >20' To 25', Add	*8.87*	
		For Elevated Installation >25' To 30', Add	*12.41*	
		For Elevated Installation >30' To 35', Add	*14.19*	
		For Elevated Installation >35' To 40', Add	*17.74*	
		For Elevated Installation >40', Add	*19.51*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	48.56	20.46
		For Seal Class B, Add	*6.14*	
		For Seal Class A, Add	*16.37*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.16*	
		For 18 Gauge, Add	*4.20*	
		For 16 Gauge, Add	*5.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.65*	
		For Work In Restricted Working Space, Add	*12.28*	
		For Elevated Installation >10' To 15', Add	*4.09*	
		For Elevated Installation >15' To 20', Add	*8.18*	
		For Elevated Installation >20' To 25', Add	*10.23*	
		For Elevated Installation >25' To 30', Add	*14.32*	
		For Elevated Installation >30' To 35', Add	*16.37*	
		For Elevated Installation >35' To 40', Add	*20.46*	
		For Elevated Installation >40', Add	*22.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	56.96	24.18
		For Seal Class B, Add	*7.25*	
		For Seal Class A, Add	*19.34*	
		For 28 Gauge, Deduct	*-1.19*	
		For 24 Gauge, Add	*1.19*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.56*	
		For 18 Gauge, Add	*4.73*	
		For 16 Gauge, Add	*5.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.36*	
		For Work In Restricted Working Space, Add	*14.51*	
		For Elevated Installation >10' To 15', Add	*4.84*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Elevated Installation >20' To 25', Add	*12.09*	
		For Elevated Installation >25' To 30', Add	*16.93*	
		For Elevated Installation >30' To 35', Add	*19.34*	
		For Elevated Installation >35' To 40', Add	*24.18*	
		For Elevated Installation >40', Add	*26.60*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	72.75	31.09
		For Seal Class B, Add	*9.33*	
		For Seal Class A, Add	*24.87*	
		For 28 Gauge, Deduct	*-1.46*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*2.91*	
		For 20 Gauge, Add	*4.38*	
		For 18 Gauge, Add	*5.81*	
		For 16 Gauge, Add	*7.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.82*	
		For Work In Restricted Working Space, Add	*18.65*	
		For Elevated Installation >10' To 15', Add	*6.22*	
		For Elevated Installation >15' To 20', Add	*12.44*	
		For Elevated Installation >20' To 25', Add	*15.55*	
		For Elevated Installation >25' To 30', Add	*21.76*	
		For Elevated Installation >30' To 35', Add	*24.87*	
		For Elevated Installation >35' To 40', Add	*31.09*	
		For Elevated Installation >40', Add	*34.20*	
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	87.14	37.86
		For Seal Class B, Add	*11.36*	
		For Seal Class A, Add	*30.29*	
		For 28 Gauge, Deduct	*-1.58*	
		For 24 Gauge, Add	*1.57*	
		For 22 Gauge, Add	*3.14*	
		For 20 Gauge, Add	*4.72*	
		For 18 Gauge, Add	*6.28*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.44*	
		For Work In Restricted Working Space, Add	*22.72*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.15*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.51*	
		For Elevated Installation >30' To 35', Add	*30.29*	
		For Elevated Installation >35' To 40', Add	*37.87*	
		For Elevated Installation >40', Add	*41.65*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	133.31	59.12
		For Seal Class B, Add	*17.74*	
		For Seal Class A, Add	*47.30*	
		For 28 Gauge, Deduct	*-2.09*	
		For 24 Gauge, Add	*2.08*	
		For 22 Gauge, Add	*4.15*	
		For 20 Gauge, Add	*6.23*	
		For 18 Gauge, Add	*8.28*	
		For 16 Gauge, Add	*10.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.14*	
		For Work In Restricted Working Space, Add	*35.48*	
		For Elevated Installation >10' To 15', Add	*11.83*	
		For Elevated Installation >15' To 20', Add	*23.65*	
		For Elevated Installation >20' To 25', Add	*29.56*	
		For Elevated Installation >25' To 30', Add	*41.39*	
		For Elevated Installation >30' To 35', Add	*47.30*	
		For Elevated Installation >35' To 40', Add	*59.13*	
		For Elevated Installation >40', Add	*65.04*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	183.83	81.70
		For Seal Class B, Add	*24.51*	
		For Seal Class A, Add	*65.37*	
		For 28 Gauge, Deduct	*-2.83*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*5.62*	
		For 20 Gauge, Add	*8.45*	
		For 18 Gauge, Add	*11.23*	
		For 16 Gauge, Add	*13.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.10*	
		For Work In Restricted Working Space, Add	*49.03*	
		For Elevated Installation >10' To 15', Add	*16.34*	
		For Elevated Installation >15' To 20', Add	*32.68*	
		For Elevated Installation >20' To 25', Add	*40.86*	
		For Elevated Installation >25' To 30', Add	*57.20*	
		For Elevated Installation >30' To 35', Add	*65.37*	
		For Elevated Installation >35' To 40', Add	*81.71*	
		For Elevated Installation >40', Add	*89.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	224.59	96.65
		For Seal Class B, Add	*29.00*	
		For Seal Class A, Add	*77.32*	
		For 28 Gauge, Deduct	*-4.33*	
		For 24 Gauge, Add	*4.32*	
		For 22 Gauge, Add	*8.62*	
		For 20 Gauge, Add	*12.95*	
		For 18 Gauge, Add	*17.20*	
		For 16 Gauge, Add	*21.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.15*	
		For Work In Restricted Working Space, Add	*57.99*	
		For Elevated Installation >10' To 15', Add	*19.33*	
		For Elevated Installation >15' To 20', Add	*38.66*	
		For Elevated Installation >20' To 25', Add	*48.33*	
		For Elevated Installation >25' To 30', Add	*67.66*	
		For Elevated Installation >30' To 35', Add	*77.32*	
		For Elevated Installation >35' To 40', Add	*96.66*	
		For Elevated Installation >40', Add	*106.32*	
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	257.40	106.28
		For Seal Class B, Add	*31.89*	
		For Seal Class A, Add	*85.03*	
		For 28 Gauge, Deduct	*-6.21*	
		For 24 Gauge, Add	*6.19*	
		For 22 Gauge, Add	*12.35*	
		For 20 Gauge, Add	*18.56*	
		For 18 Gauge, Add	*24.66*	
		For 16 Gauge, Add	*30.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*63.77*	
		For Elevated Installation >10' To 15', Add	*21.26*	
		For Elevated Installation >15' To 20', Add	*42.51*	
		For Elevated Installation >20' To 25', Add	*53.14*	
		For Elevated Installation >25' To 30', Add	*74.40*	
		For Elevated Installation >30' To 35', Add	*85.03*	
		For Elevated Installation >35' To 40', Add	*106.29*	
		For Elevated Installation >40', Add	*116.91*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	288.33	110.60
		For Seal Class B, Add	*33.18*	
		For Seal Class A, Add	*88.48*	
		For 28 Gauge, Deduct	*-9.30*	
		For 24 Gauge, Add	*9.26*	
		For 22 Gauge, Add	*18.49*	
		For 20 Gauge, Add	*27.79*	
		For 18 Gauge, Add	*36.92*	
		For 16 Gauge, Add	*45.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.67*	
		For Work In Restricted Working Space, Add	*66.36*	
		For Elevated Installation >10' To 15', Add	*22.12*	
		For Elevated Installation >15' To 20', Add	*44.24*	
		For Elevated Installation >20' To 25', Add	*55.30*	
		For Elevated Installation >25' To 30', Add	*77.42*	
		For Elevated Installation >30' To 35', Add	*88.48*	
		For Elevated Installation >35' To 40', Add	*110.61*	
		For Elevated Installation >40', Add	*121.67*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	318.01	114.26
		For Seal Class B, Add	*34.28*	
		For Seal Class A, Add	*91.41*	
		For 28 Gauge, Deduct	*-12.39*	
		For 24 Gauge, Add	*12.35*	
		For 22 Gauge, Add	*24.65*	
		For 20 Gauge, Add	*37.05*	
		For 18 Gauge, Add	*49.22*	
		For 16 Gauge, Add	*60.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.22*	
		For Work In Restricted Working Space, Add	*68.56*	
		For Elevated Installation >10' To 15', Add	*22.85*	
		For Elevated Installation >15' To 20', Add	*45.70*	
		For Elevated Installation >20' To 25', Add	*57.13*	
		For Elevated Installation >25' To 30', Add	*79.98*	
		For Elevated Installation >30' To 35', Add	*91.41*	
		For Elevated Installation >35' To 40', Add	*114.26*	
		For Elevated Installation >40', Add	*125.69*	

23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0027	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	35.79	11.96
		For Seal Class B, Add	*4.48*	
		For Seal Class A, Add	*11.96*	
		For 28 Gauge, Deduct	*-0.82*	
		For 24 Gauge, Add	*0.81*	
		For 22 Gauge, Add	*1.63*	
		For 20 Gauge, Add	*2.44*	
		For 18 Gauge, Add	*3.25*	
		For 16 Gauge, Add	*3.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.37*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.47*	
		For Elevated Installation >25' To 30', Add	*10.46*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.95*	
		For Elevated Installation >40', Add	*16.44*	
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	40.89	13.69
		For Seal Class B, Add	*5.12*	
		For Seal Class A, Add	*13.66*	
		For 28 Gauge, Deduct	*-0.93*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*1.85*	
		For 20 Gauge, Add	*2.79*	
		For 18 Gauge, Add	*3.70*	
		For 16 Gauge, Add	*4.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.98*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.96*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.08*	
		For Elevated Installation >40', Add	*18.79*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	47.51	15.94
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*15.94*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.06*	
		For 22 Gauge, Add	*2.11*	
		For 20 Gauge, Add	*3.17*	
		For 18 Gauge, Add	*4.21*	
		For 16 Gauge, Add	*5.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.96*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	55.95	19.13
		For Seal Class B, Add	*7.17*	
		For Seal Class A, Add	*19.13*	
		For 28 Gauge, Deduct	*-1.12*	
		For 24 Gauge, Add	*1.12*	
		For 22 Gauge, Add	*2.24*	
		For 20 Gauge, Add	*3.36*	
		For 18 Gauge, Add	*4.47*	
		For 16 Gauge, Add	*5.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.01*	
		For Work In Restricted Working Space, Add	*14.35*	
		For Elevated Installation >10' To 15', Add	*4.78*	
		For Elevated Installation >15' To 20', Add	*9.57*	
		For Elevated Installation >20' To 25', Add	*11.96*	
		For Elevated Installation >25' To 30', Add	*16.74*	
		For Elevated Installation >30' To 35', Add	*19.13*	
		For Elevated Installation >35' To 40', Add	*23.92*	
		For Elevated Installation >40', Add	*26.31*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	69.22	23.91
		For Seal Class B, Add	*8.97*	
		For Seal Class A, Add	*23.92*	
		For 28 Gauge, Deduct	*-1.31*	
		For 24 Gauge, Add	*1.30*	
		For 22 Gauge, Add	*2.60*	
		For 20 Gauge, Add	*3.90*	
		For 18 Gauge, Add	*5.19*	
		For 16 Gauge, Add	*6.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.98*	
		For Work In Restricted Working Space, Add	*17.94*	
		For Elevated Installation >10' To 15', Add	*5.98*	
		For Elevated Installation >15' To 20', Add	*11.96*	
		For Elevated Installation >20' To 25', Add	*14.95*	
		For Elevated Installation >25' To 30', Add	*20.93*	
		For Elevated Installation >30' To 35', Add	*23.92*	
		For Elevated Installation >35' To 40', Add	*29.90*	
		For Elevated Installation >40', Add	*32.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	93.19	31.89
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.89*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*23.92*	
		For Elevated Installation >10' To 15', Add	*7.97*	
		For Elevated Installation >15' To 20', Add	*15.94*	
		For Elevated Installation >20' To 25', Add	*19.93*	
		For Elevated Installation >25' To 30', Add	*27.90*	
		For Elevated Installation >30' To 35', Add	*31.89*	
		For Elevated Installation >35' To 40', Add	*39.86*	
		For Elevated Installation >40', Add	*43.85*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	137.39	47.83
		For Seal Class B, Add	*17.94*	
		For Seal Class A, Add	*47.83*	
		For 28 Gauge, Deduct	*-2.47*	
		For 24 Gauge, Add	*2.46*	
		For 22 Gauge, Add	*4.91*	
		For 20 Gauge, Add	*7.38*	
		For 18 Gauge, Add	*9.80*	
		For 16 Gauge, Add	*12.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.19*	
		For Work In Restricted Working Space, Add	*35.87*	
		For Elevated Installation >10' To 15', Add	*11.96*	
		For Elevated Installation >15' To 20', Add	*23.91*	
		For Elevated Installation >20' To 25', Add	*29.89*	
		For Elevated Installation >25' To 30', Add	*41.85*	
		For Elevated Installation >30' To 35', Add	*47.83*	
		For Elevated Installation >35' To 40', Add	*59.79*	
		For Elevated Installation >40', Add	*65.76*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	186.14	61.11
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*61.12*	
		For 28 Gauge, Deduct	*-4.62*	
		For 24 Gauge, Add	*4.60*	
		For 22 Gauge, Add	*9.19*	
		For 20 Gauge, Add	*13.81*	
		For 18 Gauge, Add	*18.34*	
		For 16 Gauge, Add	*22.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.68*	
		For Work In Restricted Working Space, Add	*45.84*	
		For Elevated Installation >10' To 15', Add	*15.28*	
		For Elevated Installation >15' To 20', Add	*30.56*	
		For Elevated Installation >20' To 25', Add	*38.20*	
		For Elevated Installation >25' To 30', Add	*53.48*	
		For Elevated Installation >30' To 35', Add	*61.12*	
		For Elevated Installation >35' To 40', Add	*76.40*	
		For Elevated Installation >40', Add	*84.03*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	233.46	77.06
		For Seal Class B, Add	*28.90*	
		For Seal Class A, Add	*77.06*	
		For 28 Gauge, Deduct	*-5.65*	
		For 24 Gauge, Add	*5.63*	
		For 22 Gauge, Add	*11.24*	
		For 20 Gauge, Add	*16.90*	
		For 18 Gauge, Add	*22.45*	
		For 16 Gauge, Add	*27.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.20*	
		For Work In Restricted Working Space, Add	*57.80*	
		For Elevated Installation >10' To 15', Add	*19.27*	
		For Elevated Installation >15' To 20', Add	*38.53*	
		For Elevated Installation >20' To 25', Add	*48.16*	
		For Elevated Installation >25' To 30', Add	*67.43*	
		For Elevated Installation >30' To 35', Add	*77.06*	
		For Elevated Installation >35' To 40', Add	*96.33*	
		For Elevated Installation >40', Add	*105.96*	
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	264.01	80.38
		For Seal Class B, Add	*30.09*	
		For Seal Class A, Add	*80.25*	
		For 28 Gauge, Deduct	*-8.78*	
		For 24 Gauge, Add	*8.75*	
		For 22 Gauge, Add	*17.46*	
		For 20 Gauge, Add	*26.24*	
		For 18 Gauge, Add	*34.86*	
		For 16 Gauge, Add	*42.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.91*	
		For Work In Restricted Working Space, Add	*60.19*	
		For Elevated Installation >10' To 15', Add	*20.06*	
		For Elevated Installation >15' To 20', Add	*40.12*	
		For Elevated Installation >20' To 25', Add	*50.16*	
		For Elevated Installation >25' To 30', Add	*70.22*	
		For Elevated Installation >30' To 35', Add	*80.25*	
		For Elevated Installation >35' To 40', Add	*100.31*	
		For Elevated Installation >40', Add	*110.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	290.45	82.37
		For Seal Class B, Add	*30.89*	
		For Seal Class A, Add	*82.37*	
		For 28 Gauge, Deduct	*-11.71*	
		For 24 Gauge, Add	*11.66*	
		For 22 Gauge, Add	*23.29*	
		For 20 Gauge, Add	*34.99*	
		For 18 Gauge, Add	*46.49*	
		For 16 Gauge, Add	*57.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*62.54*	
		For Work In Restricted Working Space, Add	*61.78*	
		For Elevated Installation >10' To 15', Add	*20.59*	
		For Elevated Installation >15' To 20', Add	*41.19*	
		For Elevated Installation >20' To 25', Add	*51.48*	
		For Elevated Installation >25' To 30', Add	*72.08*	
		For Elevated Installation >30' To 35', Add	*82.37*	
		For Elevated Installation >35' To 40', Add	*102.97*	
		For Elevated Installation >40', Add	*113.26*	
23 31 13 16-0038		Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*		
23 31 13 16-0039	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	33.60	11.96
		For Seal Class B, Add	*4.48*	
		For Seal Class A, Add	*11.96*	
		For 28 Gauge, Deduct	*-0.51*	
		For 24 Gauge, Add	*0.51*	
		For 22 Gauge, Add	*1.02*	
		For 20 Gauge, Add	*1.54*	
		For 18 Gauge, Add	*2.04*	
		For 16 Gauge, Add	*2.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.75*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.47*	
		For Elevated Installation >25' To 30', Add	*10.46*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.95*	
		For Elevated Installation >40', Add	*16.44*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	38.92	13.69
		For Seal Class B, Add	*5.12*	
		For Seal Class A, Add	*13.66*	
		For 28 Gauge, Deduct	*-0.66*	
		For 24 Gauge, Add	*0.66*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*1.97*	
		For 18 Gauge, Add	*2.62*	
		For 16 Gauge, Add	*3.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.52*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Elevated Installation >10' To 15', Add	*3.42*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.96*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.08*	
		For Elevated Installation >40', Add	*18.79*	
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	45.05	15.94
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*15.94*	
		For 28 Gauge, Deduct	*-0.72*	
		For 24 Gauge, Add	*0.72*	
		For 22 Gauge, Add	*1.43*	
		For 20 Gauge, Add	*2.15*	
		For 18 Gauge, Add	*2.86*	
		For 16 Gauge, Add	*3.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.85*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.96*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	53.86	19.13
		For Seal Class B, Add	*7.17*	
		For Seal Class A, Add	*19.13*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.66*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.32*	
		For 16 Gauge, Add	*4.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.46*	
		For Work In Restricted Working Space, Add	*14.35*	
		For Elevated Installation >10' To 15', Add	*4.78*	
		For Elevated Installation >15' To 20', Add	*9.57*	
		For Elevated Installation >20' To 25', Add	*11.96*	
		For Elevated Installation >25' To 30', Add	*16.74*	
		For Elevated Installation >30' To 35', Add	*19.13*	
		For Elevated Installation >35' To 40', Add	*23.92*	
		For Elevated Installation >40', Add	*26.31*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	66.65	23.91
		For Seal Class B, Add	*8.97*	
		For Seal Class A, Add	*23.92*	
		For 28 Gauge, Deduct	*-0.95*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*1.89*	
		For 20 Gauge, Add	*2.84*	
		For 18 Gauge, Add	*3.77*	
		For 16 Gauge, Add	*4.63*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.08*	
		For Work In Restricted Working Space, Add	*17.94*	
		For Elevated Installation >10' To 15', Add	*5.98*	
		For Elevated Installation >15' To 20', Add	*11.96*	
		For Elevated Installation >20' To 25', Add	*14.95*	
		For Elevated Installation >25' To 30', Add	*20.93*	
		For Elevated Installation >30' To 35', Add	*23.92*	
		For Elevated Installation >35' To 40', Add	*29.90*	
		For Elevated Installation >40', Add	*32.88*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	90.18	31.89
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.89*	
		For 28 Gauge, Deduct	*-1.45*	
		For 24 Gauge, Add	*1.44*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.33*	
		For 18 Gauge, Add	*5.75*	
		For 16 Gauge, Add	*7.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.74*	
		For Work In Restricted Working Space, Add	*23.92*	
		For Elevated Installation >10' To 15', Add	*7.97*	
		For Elevated Installation >15' To 20', Add	*15.94*	
		For Elevated Installation >20' To 25', Add	*19.93*	
		For Elevated Installation >25' To 30', Add	*27.90*	
		For Elevated Installation >30' To 35', Add	*31.89*	
		For Elevated Installation >35' To 40', Add	*39.86*	
		For Elevated Installation >40', Add	*43.85*	
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	133.04	47.83
		For Seal Class B, Add	*17.94*	
		For Seal Class A, Add	*47.83*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*35.87*	
		For Elevated Installation >10' To 15', Add	*11.96*	
		For Elevated Installation >15' To 20', Add	*23.91*	
		For Elevated Installation >20' To 25', Add	*29.89*	
		For Elevated Installation >25' To 30', Add	*41.85*	
		For Elevated Installation >30' To 35', Add	*47.83*	
		For Elevated Installation >35' To 40', Add	*59.79*	
		For Elevated Installation >40', Add	*65.76*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	176.10	61.11
		For Seal Class B, Add	*22.92*	
		For Seal Class A, Add	*61.12*	
		For 28 Gauge, Deduct	*-3.23*	
		For 24 Gauge, Add	*3.22*	
		For 22 Gauge, Add	*6.42*	
		For 20 Gauge, Add	*9.65*	
		For 18 Gauge, Add	*12.82*	
		For 16 Gauge, Add	*15.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.25*	
		For Work In Restricted Working Space, Add	*45.84*	
		For Elevated Installation >10' To 15', Add	*15.28*	
		For Elevated Installation >15' To 20', Add	*30.56*	
		For Elevated Installation >20' To 25', Add	*38.20*	
		For Elevated Installation >25' To 30', Add	*53.48*	
		For Elevated Installation >30' To 35', Add	*61.12*	
		For Elevated Installation >35' To 40', Add	*76.40*	
		For Elevated Installation >40', Add	*84.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	230.87	77.06
		For Seal Class B, Add	*28.90*	
		For Seal Class A, Add	*77.06*	
		For 28 Gauge, Deduct	*-5.29*	
		For 24 Gauge, Add	*5.27*	
		For 22 Gauge, Add	*10.53*	
		For 20 Gauge, Add	*15.82*	
		For 18 Gauge, Add	*21.02*	
		For 16 Gauge, Add	*25.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.28*	
		For Work In Restricted Working Space, Add	*57.80*	
		For Elevated Installation >10' To 15', Add	*19.27*	
		For Elevated Installation >15' To 20', Add	*38.53*	
		For Elevated Installation >20' To 25', Add	*48.16*	
		For Elevated Installation >25' To 30', Add	*67.43*	
		For Elevated Installation >30' To 35', Add	*77.06*	
		For Elevated Installation >35' To 40', Add	*96.33*	
		For Elevated Installation >40', Add	*105.96*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	246.82	80.38
		For Seal Class B, Add	*30.09*	
		For Seal Class A, Add	*80.25*	
		For 28 Gauge, Deduct	*-6.40*	
		For 24 Gauge, Add	*6.38*	
		For 22 Gauge, Add	*12.73*	
		For 20 Gauge, Add	*19.13*	
		For 18 Gauge, Add	*25.41*	
		For 16 Gauge, Add	*31.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.19*	
		For Work In Restricted Working Space, Add	*60.19*	
		For Elevated Installation >10' To 15', Add	*20.06*	
		For Elevated Installation >15' To 20', Add	*40.12*	
		For Elevated Installation >20' To 25', Add	*50.16*	
		For Elevated Installation >25' To 30', Add	*70.22*	
		For Elevated Installation >30' To 35', Add	*80.25*	
		For Elevated Installation >35' To 40', Add	*100.31*	
		For Elevated Installation >40', Add	*110.34*	
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	265.12	82.37
		For Seal Class B, Add	*30.89*	
		For Seal Class A, Add	*82.37*	
		For 28 Gauge, Deduct	*-8.20*	
		For 24 Gauge, Add	*8.17*	
		For 22 Gauge, Add	*16.31*	
		For 20 Gauge, Add	*24.50*	
		For 18 Gauge, Add	*32.55*	
		For 16 Gauge, Add	*39.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.80*	
		For Work In Restricted Working Space, Add	*61.78*	
		For Elevated Installation >10' To 15', Add	*20.59*	
		For Elevated Installation >15' To 20', Add	*41.19*	
		For Elevated Installation >20' To 25', Add	*51.48*	
		For Elevated Installation >25' To 30', Add	*72.08*	
		For Elevated Installation >30' To 35', Add	*82.37*	
		For Elevated Installation >35' To 40', Add	*102.97*	
		For Elevated Installation >40', Add	*113.26*	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	53.11	17.94
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*17.94*	
		For 28 Gauge, Deduct	*-1.15*	
		For 24 Gauge, Add	*1.14*	
		For 22 Gauge, Add	*2.28*	
		For 20 Gauge, Add	*3.42*	
		For 18 Gauge, Add	*4.55*	
		For 16 Gauge, Add	*5.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.12*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Elevated Installation >10' To 15', Add	*4.48*	
		For Elevated Installation >15' To 20', Add	*8.97*	
		For Elevated Installation >20' To 25', Add	*11.21*	
		For Elevated Installation >25' To 30', Add	*15.69*	
		For Elevated Installation >30' To 35', Add	*17.94*	
		For Elevated Installation >35' To 40', Add	*22.42*	
		For Elevated Installation >40', Add	*24.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	62.23	20.46
		For Seal Class B, Add	*7.69*	
		For Seal Class A, Add	*20.50*	
		For 28 Gauge, Deduct	*-1.52*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.02*	
		For 20 Gauge, Add	*4.55*	
		For 18 Gauge, Add	*6.04*	
		For 16 Gauge, Add	*7.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.13*	
		For Work In Restricted Working Space, Add	*15.38*	
		For Elevated Installation >10' To 15', Add	*5.13*	
		For Elevated Installation >15' To 20', Add	*10.25*	
		For Elevated Installation >20' To 25', Add	*12.81*	
		For Elevated Installation >25' To 30', Add	*17.94*	
		For Elevated Installation >30' To 35', Add	*20.50*	
		For Elevated Installation >35' To 40', Add	*25.63*	
		For Elevated Installation >40', Add	*28.19*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	71.70	23.91
		For Seal Class B, Add	*8.97*	
		For Seal Class A, Add	*23.92*	
		For 28 Gauge, Deduct	*-1.65*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.28*	
		For 20 Gauge, Add	*4.93*	
		For 18 Gauge, Add	*6.55*	
		For 16 Gauge, Add	*8.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.81*	
		For Work In Restricted Working Space, Add	*17.94*	
		For Elevated Installation >10' To 15', Add	*5.98*	
		For Elevated Installation >15' To 20', Add	*11.96*	
		For Elevated Installation >20' To 25', Add	*14.95*	
		For Elevated Installation >25' To 30', Add	*20.93*	
		For Elevated Installation >30' To 35', Add	*23.92*	
		For Elevated Installation >35' To 40', Add	*29.90*	
		For Elevated Installation >40', Add	*32.88*	
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	85.45	28.70
		For Seal Class B, Add	*10.76*	
		For Seal Class A, Add	*28.70*	
		For 28 Gauge, Deduct	*-1.90*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*3.78*	
		For 20 Gauge, Add	*5.68*	
		For 18 Gauge, Add	*7.54*	
		For 16 Gauge, Add	*9.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.15*	
		For Work In Restricted Working Space, Add	*21.52*	
		For Elevated Installation >10' To 15', Add	*7.17*	
		For Elevated Installation >15' To 20', Add	*14.35*	
		For Elevated Installation >20' To 25', Add	*17.94*	
		For Elevated Installation >25' To 30', Add	*25.11*	
		For Elevated Installation >30' To 35', Add	*28.70*	
		For Elevated Installation >35' To 40', Add	*35.87*	
		For Elevated Installation >40', Add	*39.46*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	111.86	35.88
		For Seal Class B, Add	*13.45*	
		For Seal Class A, Add	*35.88*	
		For 28 Gauge, Deduct	*-3.07*	
		For 24 Gauge, Add	*3.06*	
		For 22 Gauge, Add	*6.11*	
		For 20 Gauge, Add	*9.18*	
		For 18 Gauge, Add	*12.19*	
		For 16 Gauge, Add	*14.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.41*	
		For Work In Restricted Working Space, Add	*26.91*	
		For Elevated Installation >10' To 15', Add	*8.97*	
		For Elevated Installation >15' To 20', Add	*17.94*	
		For Elevated Installation >20' To 25', Add	*22.42*	
		For Elevated Installation >25' To 30', Add	*31.39*	
		For Elevated Installation >30' To 35', Add	*35.88*	
		For Elevated Installation >35' To 40', Add	*44.85*	
		For Elevated Installation >40', Add	*49.33*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	147.85	47.83
		For Seal Class B, Add	*17.94*	
		For Seal Class A, Add	*47.83*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*35.87*	
		For Elevated Installation >10' To 15', Add	*11.96*	
		For Elevated Installation >15' To 20', Add	*23.91*	
		For Elevated Installation >20' To 25', Add	*29.89*	
		For Elevated Installation >25' To 30', Add	*41.85*	
		For Elevated Installation >30' To 35', Add	*47.83*	
		For Elevated Installation >35' To 40', Add	*59.79*	
		For Elevated Installation >40', Add	*65.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	207.61	71.74
		For Seal Class B, Add	*26.90*	
		For Seal Class A, Add	*71.73*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*53.80*	
		For Elevated Installation >10' To 15', Add	*17.93*	
		For Elevated Installation >15' To 20', Add	*35.87*	
		For Elevated Installation >20' To 25', Add	*44.83*	
		For Elevated Installation >25' To 30', Add	*62.77*	
		For Elevated Installation >30' To 35', Add	*71.73*	
		For Elevated Installation >35' To 40', Add	*89.67*	
		For Elevated Installation >40', Add	*98.63*	
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	282.92	91.40
		For Seal Class B, Add	*34.36*	
		For Seal Class A, Add	*91.62*	
		For 28 Gauge, Deduct	*-7.46*	
		For 24 Gauge, Add	*7.43*	
		For 22 Gauge, Add	*14.84*	
		For 20 Gauge, Add	*22.30*	
		For 18 Gauge, Add	*29.62*	
		For 16 Gauge, Add	*36.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.86*	
		For Work In Restricted Working Space, Add	*68.72*	
		For Elevated Installation >10' To 15', Add	*22.91*	
		For Elevated Installation >15' To 20', Add	*45.81*	
		For Elevated Installation >20' To 25', Add	*57.27*	
		For Elevated Installation >25' To 30', Add	*80.17*	
		For Elevated Installation >30' To 35', Add	*91.62*	
		For Elevated Installation >35' To 40', Add	*114.53*	
		For Elevated Installation >40', Add	*125.98*	
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	364.43	115.85
		For Seal Class B, Add	*43.32*	
		For Seal Class A, Add	*115.53*	
		For 28 Gauge, Deduct	*-10.47*	
		For 24 Gauge, Add	*10.43*	
		For 22 Gauge, Add	*20.83*	
		For 20 Gauge, Add	*31.30*	
		For 18 Gauge, Add	*41.59*	
		For 16 Gauge, Add	*51.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*55.95*	
		For Work In Restricted Working Space, Add	*86.65*	
		For Elevated Installation >10' To 15', Add	*28.88*	
		For Elevated Installation >15' To 20', Add	*57.76*	
		For Elevated Installation >20' To 25', Add	*72.21*	
		For Elevated Installation >25' To 30', Add	*101.09*	
		For Elevated Installation >30' To 35', Add	*115.53*	
		For Elevated Installation >35' To 40', Add	*144.41*	
		For Elevated Installation >40', Add	*158.85*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	419.18	128.88
		For Seal Class B, Add	*48.43*	
		For Seal Class A, Add	*129.14*	
		For 28 Gauge, Deduct	*-13.34*	
		For 24 Gauge, Add	*13.29*	
		For 22 Gauge, Add	*26.54*	
		For 20 Gauge, Add	*39.88*	
		For 18 Gauge, Add	*52.98*	
		For 16 Gauge, Add	*65.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*71.28*	
		For Work In Restricted Working Space, Add	*96.86*	
		For Elevated Installation >10' To 15', Add	*32.29*	
		For Elevated Installation >15' To 20', Add	*64.57*	
		For Elevated Installation >20' To 25', Add	*80.71*	
		For Elevated Installation >25' To 30', Add	*113.00*	
		For Elevated Installation >30' To 35', Add	*129.14*	
		For Elevated Installation >35' To 40', Add	*161.43*	
		For Elevated Installation >40', Add	*177.57*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	440.36	133.52
		For Seal Class B, Add	*50.02*	
		For Seal Class A, Add	*133.39*	
		For 28 Gauge, Deduct	*-14.80*	
		For 24 Gauge, Add	*14.75*	
		For 22 Gauge, Add	*29.45*	
		For 20 Gauge, Add	*44.25*	
		For 18 Gauge, Add	*58.79*	
		For 16 Gauge, Add	*72.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*79.10*	
		For Work In Restricted Working Space, Add	*100.04*	
		For Elevated Installation >10' To 15', Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*66.69*	
		For Elevated Installation >20' To 25', Add	*83.37*	
		For Elevated Installation >25' To 30', Add	*116.71*	
		For Elevated Installation >30' To 35', Add	*133.39*	
		For Elevated Installation >35' To 40', Add	*166.74*	
		For Elevated Installation >40', Add	*183.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0062		Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*		
23 31 13 16-0063	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	24.04	
		For Seal Class B, Add	*3.19*	
		For Seal Class A, Add	*8.50*	
		For Work In Restricted Working Space, Add	*6.38*	
		For Elevated Installation >10' To 15', Add	*2.13*	
		For Elevated Installation >15' To 20', Add	*4.25*	
		For Elevated Installation >20' To 25', Add	*5.32*	
		For Elevated Installation >25' To 30', Add	*7.44*	
		For Elevated Installation >30' To 35', Add	*8.50*	
		For Elevated Installation >35' To 40', Add	*10.63*	
		For Elevated Installation >40', Add	*11.69*	
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	25.32	
		For Seal Class B, Add	*3.35*	
		For Seal Class A, Add	*8.94*	
		For Work In Restricted Working Space, Add	*6.70*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.47*	
		For Elevated Installation >20' To 25', Add	*5.59*	
		For Elevated Installation >25' To 30', Add	*7.82*	
		For Elevated Installation >30' To 35', Add	*8.94*	
		For Elevated Installation >35' To 40', Add	*11.17*	
		For Elevated Installation >40', Add	*12.29*	
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	27.12	
		For Seal Class B, Add	*3.59*	
		For Seal Class A, Add	*9.56*	
		For Work In Restricted Working Space, Add	*7.17*	
		For Elevated Installation >10' To 15', Add	*2.39*	
		For Elevated Installation >15' To 20', Add	*4.78*	
		For Elevated Installation >20' To 25', Add	*5.98*	
		For Elevated Installation >25' To 30', Add	*8.37*	
		For Elevated Installation >30' To 35', Add	*9.56*	
		For Elevated Installation >35' To 40', Add	*11.96*	
		For Elevated Installation >40', Add	*13.15*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	28.92	
		For Seal Class B, Add	*3.79*	
		For Seal Class A, Add	*10.10*	
		For Work In Restricted Working Space, Add	*7.58*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.05*	
		For Elevated Installation >20' To 25', Add	*6.31*	
		For Elevated Installation >25' To 30', Add	*8.84*	
		For Elevated Installation >30' To 35', Add	*10.10*	
		For Elevated Installation >35' To 40', Add	*12.63*	
		For Elevated Installation >40', Add	*13.89*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	31.37	
		For Seal Class B, Add	*4.08*	
		For Seal Class A, Add	*10.89*	
		For Work In Restricted Working Space, Add	*8.17*	
		For Elevated Installation >10' To 15', Add	*2.72*	
		For Elevated Installation >15' To 20', Add	*5.45*	
		For Elevated Installation >20' To 25', Add	*6.81*	
		For Elevated Installation >25' To 30', Add	*9.53*	
		For Elevated Installation >30' To 35', Add	*10.89*	
		For Elevated Installation >35' To 40', Add	*13.62*	
		For Elevated Installation >40', Add	*14.98*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	36.95	
		For Seal Class B, Add	*4.56*	
		For Seal Class A, Add	*12.17*	
		For Work In Restricted Working Space, Add	*9.13*	
		For Elevated Installation >10' To 15', Add	*3.04*	
		For Elevated Installation >15' To 20', Add	*6.08*	
		For Elevated Installation >20' To 25', Add	*7.61*	
		For Elevated Installation >25' To 30', Add	*10.65*	
		For Elevated Installation >30' To 35', Add	*12.17*	
		For Elevated Installation >35' To 40', Add	*15.21*	
		For Elevated Installation >40', Add	*16.73*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	50.39	
		For Seal Class B, Add	*6.38*	
		For Seal Class A, Add	*17.01*	
		For Work In Restricted Working Space, Add	*12.76*	
		For Elevated Installation >10' To 15', Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*8.50*	
		For Elevated Installation >20' To 25', Add	*10.63*	
		For Elevated Installation >25' To 30', Add	*14.88*	
		For Elevated Installation >30' To 35', Add	*17.01*	
		For Elevated Installation >35' To 40', Add	*21.26*	
		For Elevated Installation >40', Add	*23.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	57.54	
		For Seal Class B, Add	*7.26*	
		For Seal Class A, Add	*19.35*	
		For Work In Restricted Working Space, Add	*14.51*	
		For Elevated Installation >10' To 15', Add	*4.84*	
		For Elevated Installation >15' To 20', Add	*9.68*	
		For Elevated Installation >20' To 25', Add	*12.10*	
		For Elevated Installation >25' To 30', Add	*16.93*	
		For Elevated Installation >30' To 35', Add	*19.35*	
		For Elevated Installation >35' To 40', Add	*24.19*	
		For Elevated Installation >40', Add	*26.61*	
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	63.27	
		For Seal Class B, Add	*7.95*	
		For Seal Class A, Add	*21.21*	
		For Work In Restricted Working Space, Add	*15.91*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.60*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.56*	
		For Elevated Installation >30' To 35', Add	*21.21*	
		For Elevated Installation >35' To 40', Add	*26.51*	
		For Elevated Installation >40', Add	*29.16*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	68.86	
		For Seal Class B, Add	*8.61*	
		For Seal Class A, Add	*22.96*	
		For Work In Restricted Working Space, Add	*17.22*	
		For Elevated Installation >10' To 15', Add	*5.74*	
		For Elevated Installation >15' To 20', Add	*11.48*	
		For Elevated Installation >20' To 25', Add	*14.35*	
		For Elevated Installation >25' To 30', Add	*20.09*	
		For Elevated Installation >30' To 35', Add	*22.96*	
		For Elevated Installation >35' To 40', Add	*28.70*	
		For Elevated Installation >40', Add	*31.57*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	75.01	
		For Seal Class B, Add	*9.39*	
		For Seal Class A, Add	*25.03*	
		For Work In Restricted Working Space, Add	*18.77*	
		For Elevated Installation >10' To 15', Add	*6.26*	
		For Elevated Installation >15' To 20', Add	*12.52*	
		For Elevated Installation >20' To 25', Add	*15.65*	
		For Elevated Installation >25' To 30', Add	*21.90*	
		For Elevated Installation >30' To 35', Add	*25.03*	
		For Elevated Installation >35' To 40', Add	*31.29*	
		For Elevated Installation >40', Add	*34.42*	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)*

23 31 13 16-0076	LF	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	10.85	1.22
		For Seal Class B, Add	*0.99*	
		For Seal Class A, Add	*2.63*	
		For Up To 20', Add	*1.28*	
		For >20' To 50', Add	*0.51*	
		For >200' To 500', Deduct	*-0.32*	
		For >500', Deduct	*-0.54*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.97*	
		For 20 Gauge, Add	*3.21*	
		For 18 Gauge, Add	*4.92*	
		For 16 Gauge, Add	*5.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.17*	
		For Work In Restricted Working Space, Add	*1.97*	
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	14.09	2.45
		For Seal Class B, Add	*1.18*	
		For Seal Class A, Add	*3.16*	
		For Up To 20', Add	*1.86*	
		For >20' To 50', Add	*0.74*	
		For >200' To 500', Deduct	*-0.47*	
		For >500', Deduct	*-0.78*	
		For 24 Gauge, Add	*1.24*	
		For 22 Gauge, Add	*2.85*	
		For 20 Gauge, Add	*4.65*	
		For 18 Gauge, Add	*7.13*	
		For 16 Gauge, Add	*8.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.59*	
		For Work In Restricted Working Space, Add	*2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	17.95	2.45
		For Seal Class B, Add	*1.47*	
		For Seal Class A, Add	*3.91*	
		For Up To 20', Add	*2.45*	
		For >20' To 50', Add	*0.98*	
		For >200' To 500', Deduct	*-0.61*	
		For >500', Deduct	*-1.02*	
		For 24 Gauge, Add	*1.63*	
		For 22 Gauge, Add	*3.76*	
		For 20 Gauge, Add	*6.13*	
		For 18 Gauge, Add	*9.40*	
		For 16 Gauge, Add	*11.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.05*	
		For Work In Restricted Working Space, Add	*2.93*	
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	21.83	2.45
		For Seal Class B, Add	*1.76*	
		For Seal Class A, Add	*4.70*	
		For Up To 20', Add	*3.02*	
		For >20' To 50', Add	*1.21*	
		For >200' To 500', Deduct	*-0.76*	
		For >500', Deduct	*-1.26*	
		For 24 Gauge, Add	*2.02*	
		For 22 Gauge, Add	*4.64*	
		For 20 Gauge, Add	*7.56*	
		For 18 Gauge, Add	*11.59*	
		For 16 Gauge, Add	*14.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.46*	
		For Work In Restricted Working Space, Add	*3.53*	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	27.10	3.68
		For Seal Class B, Add	*2.21*	
		For Seal Class A, Add	*5.88*	
		For Up To 20', Add	*3.72*	
		For >20' To 50', Add	*1.49*	
		For >200' To 500', Deduct	*-0.93*	
		For >500', Deduct	*-1.55*	
		For 24 Gauge, Add	*2.48*	
		For 22 Gauge, Add	*5.70*	
		For 20 Gauge, Add	*9.30*	
		For 18 Gauge, Add	*14.26*	
		For 16 Gauge, Add	*17.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.18*	
		For Work In Restricted Working Space, Add	*4.41*	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	32.76	3.68
		For Seal Class B, Add	*2.76*	
		For Seal Class A, Add	*7.36*	
		For Up To 20', Add	*4.31*	
		For >20' To 50', Add	*1.72*	
		For >200' To 500', Deduct	*-1.08*	
		For >500', Deduct	*-1.80*	
		For 24 Gauge, Add	*2.87*	
		For 22 Gauge, Add	*6.61*	
		For 20 Gauge, Add	*10.78*	
		For 18 Gauge, Add	*16.53*	
		For 16 Gauge, Add	*20.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.63*	
		For Work In Restricted Working Space, Add	*5.52*	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	45.36	3.68
		For Seal Class B, Add	*3.67*	
		For Seal Class A, Add	*9.80*	
		For Up To 20', Add	*6.26*	
		For >20' To 50', Add	*2.50*	
		For >200' To 500', Deduct	*-1.57*	
		For >500', Deduct	*-2.61*	
		For 24 Gauge, Add	*4.17*	
		For 22 Gauge, Add	*9.60*	
		For 20 Gauge, Add	*15.65*	
		For 18 Gauge, Add	*24.00*	
		For 16 Gauge, Add	*29.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.44*	
		For Work In Restricted Working Space, Add	*7.35*	
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	51.68	4.91
		For Seal Class B, Add	*4.28*	
		For Seal Class A, Add	*11.42*	
		For Up To 20', Add	*6.94*	
		For >20' To 50', Add	*2.78*	
		For >200' To 500', Deduct	*-1.74*	
		For >500', Deduct	*-2.89*	
		For 24 Gauge, Add	*4.63*	
		For 22 Gauge, Add	*10.64*	
		For 20 Gauge, Add	*17.36*	
		For 18 Gauge, Add	*26.61*	
		For 16 Gauge, Add	*32.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.12*	
		For Work In Restricted Working Space, Add	*8.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	58.23	4.91
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*12.97*	
		For Up To 20', Add	*7.74*	
		For >20' To 50', Add	*3.10*	
		For >200' To 500', Deduct	*-1.94*	
		For >500', Deduct	*-3.23*	
		For 24 Gauge, Add	*5.16*	
		For 22 Gauge, Add	*11.87*	
		For 20 Gauge, Add	*19.36*	
		For 18 Gauge, Add	*29.68*	
		For 16 Gauge, Add	*36.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.10*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	65.04	6.13
		For Seal Class B, Add	*5.48*	
		For Seal Class A, Add	*14.60*	
		For Up To 20', Add	*8.56*	
		For >20' To 50', Add	*3.42*	
		For >200' To 500', Deduct	*-2.14*	
		For >500', Deduct	*-3.57*	
		For 24 Gauge, Add	*5.71*	
		For 22 Gauge, Add	*13.12*	
		For 20 Gauge, Add	*21.40*	
		For 18 Gauge, Add	*32.81*	
		For 16 Gauge, Add	*39.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.11*	
		For Work In Restricted Working Space, Add	*10.95*	
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	71.85	7.35
		For Seal Class B, Add	*6.13*	
		For Seal Class A, Add	*16.34*	
		For Up To 20', Add	*9.30*	
		For >20' To 50', Add	*3.72*	
		For >200' To 500', Deduct	*-2.33*	
		For >500', Deduct	*-3.88*	
		For 24 Gauge, Add	*6.20*	
		For 22 Gauge, Add	*14.26*	
		For 20 Gauge, Add	*23.25*	
		For 18 Gauge, Add	*35.65*	
		For 16 Gauge, Add	*43.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.94*	
		For Work In Restricted Working Space, Add	*12.26*	

23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0088	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	85.82	17.16
		For Seal Class B, Add	*9.94*	
		For Seal Class A, Add	*26.50*	
		For 24 Gauge, Add	*3.91*	
		For 22 Gauge, Add	*9.00*	
		For 20 Gauge, Add	*14.67*	
		For 18 Gauge, Add	*22.49*	
		For 16 Gauge, Add	*27.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.47*	
		For Work In Restricted Working Space, Add	*19.88*	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	125.83	24.52
		For Seal Class B, Add	*14.71*	
		For Seal Class A, Add	*39.22*	
		For 24 Gauge, Add	*5.55*	
		For 22 Gauge, Add	*12.77*	
		For 20 Gauge, Add	*20.83*	
		For 18 Gauge, Add	*31.94*	
		For 16 Gauge, Add	*38.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.55*	
		For Work In Restricted Working Space, Add	*29.42*	
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	182.01	31.87
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*10.59*	
		For 22 Gauge, Add	*24.37*	
		For 20 Gauge, Add	*39.73*	
		For 18 Gauge, Add	*60.92*	
		For 16 Gauge, Add	*74.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.20*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	225.82	40.46
		For Seal Class B, Add	*24.52*	
		For Seal Class A, Add	*65.38*	
		For 24 Gauge, Add	*12.47*	
		For 22 Gauge, Add	*28.69*	
		For 20 Gauge, Add	*46.78*	
		For 18 Gauge, Add	*71.73*	
		For 16 Gauge, Add	*87.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.15*	
		For Work In Restricted Working Space, Add	*49.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	277.54	51.49
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*14.65*	
		For 22 Gauge, Add	*33.69*	
		For 20 Gauge, Add	*54.92*	
		For 18 Gauge, Add	*84.21*	
		For 16 Gauge, Add	*102.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.19*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	304.40	56.38
		For Seal Class B, Add	*33.43*	
		For Seal Class A, Add	*89.15*	
		For 24 Gauge, Add	*16.30*	
		For 22 Gauge, Add	*37.50*	
		For 20 Gauge, Add	*61.14*	
		For 18 Gauge, Add	*93.75*	
		For 16 Gauge, Add	*114.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*60.32*	
		For Work In Restricted Working Space, Add	*66.86*	
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	359.03	66.19
		For Seal Class B, Add	*39.54*	
		For Seal Class A, Add	*105.45*	
		For 24 Gauge, Add	*19.08*	
		For 22 Gauge, Add	*43.89*	
		For 20 Gauge, Add	*71.56*	
		For 18 Gauge, Add	*109.72*	
		For 16 Gauge, Add	*133.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*70.60*	
		For Work In Restricted Working Space, Add	*79.09*	
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	436.69	82.13
		For Seal Class B, Add	*49.04*	
		For Seal Class A, Add	*130.76*	
		For 24 Gauge, Add	*21.96*	
		For 22 Gauge, Add	*50.50*	
		For 20 Gauge, Add	*82.34*	
		For 18 Gauge, Add	*126.26*	
		For 16 Gauge, Add	*153.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*81.24*	
		For Work In Restricted Working Space, Add	*98.07*	
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	525.03	99.30
		For Seal Class B, Add	*59.32*	
		For Seal Class A, Add	*158.18*	
		For 24 Gauge, Add	*25.92*	
		For 22 Gauge, Add	*59.61*	
		For 20 Gauge, Add	*97.19*	
		For 18 Gauge, Add	*149.03*	
		For 16 Gauge, Add	*181.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*95.90*	
		For Work In Restricted Working Space, Add	*118.63*	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	609.67	115.23
		For Seal Class B, Add	*69.39*	
		For Seal Class A, Add	*185.04*	
		For 24 Gauge, Add	*29.42*	
		For 22 Gauge, Add	*67.66*	
		For 20 Gauge, Add	*110.31*	
		For 18 Gauge, Add	*169.14*	
		For 16 Gauge, Add	*205.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*108.84*	
		For Work In Restricted Working Space, Add	*138.78*	
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	703.15	131.17
		For Seal Class B, Add	*78.25*	
		For Seal Class A, Add	*208.66*	
		For 24 Gauge, Add	*36.30*	
		For 22 Gauge, Add	*83.49*	
		For 20 Gauge, Add	*136.13*	
		For 18 Gauge, Add	*208.74*	
		For 16 Gauge, Add	*254.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*134.32*	
		For Work In Restricted Working Space, Add	*156.49*	

23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0100	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	86.74	17.16
		For Seal Class B, Add	*9.94*	
		For Seal Class A, Add	*26.50*	
		For 24 Gauge, Add	*4.10*	
		For 22 Gauge, Add	*9.42*	
		For 20 Gauge, Add	*15.36*	
		For 18 Gauge, Add	*23.55*	
		For 16 Gauge, Add	*28.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.16*	
		For Work In Restricted Working Space, Add	*19.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	121.07	24.52
		For Seal Class B, Add	*14.71*	
		For Seal Class A, Add	*39.22*	
		For 24 Gauge, Add	*4.60*	
		For 22 Gauge, Add	*10.58*	
		For 20 Gauge, Add	*17.26*	
		For 18 Gauge, Add	*26.46*	
		For 16 Gauge, Add	*32.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.03*	
		For Work In Restricted Working Space, Add	*29.42*	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	159.90	31.87
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*6.17*	
		For 22 Gauge, Add	*14.20*	
		For 20 Gauge, Add	*23.15*	
		For 18 Gauge, Add	*35.49*	
		For 16 Gauge, Add	*43.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.84*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0103	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	202.02	40.46
		For Seal Class B, Add	*24.52*	
		For Seal Class A, Add	*65.38*	
		For 24 Gauge, Add	*7.71*	
		For 22 Gauge, Add	*17.74*	
		For 20 Gauge, Add	*28.93*	
		For 18 Gauge, Add	*44.36*	
		For 16 Gauge, Add	*54.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.54*	
		For Work In Restricted Working Space, Add	*49.04*	
23 31 13 16-0104	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	249.13	51.49
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*8.96*	
		For 22 Gauge, Add	*20.62*	
		For 20 Gauge, Add	*33.62*	
		For 18 Gauge, Add	*51.54*	
		For 16 Gauge, Add	*62.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0105	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	272.71	56.38
		For Seal Class B, Add	*33.43*	
		For Seal Class A, Add	*89.15*	
		For 24 Gauge, Add	*9.97*	
		For 22 Gauge, Add	*22.92*	
		For 20 Gauge, Add	*37.37*	
		For 18 Gauge, Add	*57.30*	
		For 16 Gauge, Add	*69.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.87*	
		For Work In Restricted Working Space, Add	*66.86*	
23 31 13 16-0106	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	345.31	66.19
		For Seal Class B, Add	*39.54*	
		For Seal Class A, Add	*105.45*	
		For 24 Gauge, Add	*16.34*	
		For 22 Gauge, Add	*37.58*	
		For 20 Gauge, Add	*61.27*	
		For 18 Gauge, Add	*93.94*	
		For 16 Gauge, Add	*114.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*60.45*	
		For Work In Restricted Working Space, Add	*79.09*	
23 31 13 16-0107	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	426.97	82.13
		For Seal Class B, Add	*49.04*	
		For Seal Class A, Add	*130.76*	
		For 24 Gauge, Add	*20.01*	
		For 22 Gauge, Add	*46.03*	
		For 20 Gauge, Add	*75.05*	
		For 18 Gauge, Add	*115.08*	
		For 16 Gauge, Add	*140.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*74.05*	
		For Work In Restricted Working Space, Add	*98.07*	
23 31 13 16-0108	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	522.05	99.30
		For Seal Class B, Add	*59.32*	
		For Seal Class A, Add	*158.18*	
		For 24 Gauge, Add	*25.32*	
		For 22 Gauge, Add	*58.24*	
		For 20 Gauge, Add	*94.96*	
		For 18 Gauge, Add	*145.60*	
		For 16 Gauge, Add	*177.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*93.69*	
		For Work In Restricted Working Space, Add	*118.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0109	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	575.93	115.23
		For Seal Class B, Add	*69.39*	
		For Seal Class A, Add	*185.04*	
		For 24 Gauge, Add	*22.67*	
		For 22 Gauge, Add	*52.14*	
		For 20 Gauge, Add	*85.01*	
		For 18 Gauge, Add	*130.34*	
		For 16 Gauge, Add	*158.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*83.87*	
		For Work In Restricted Working Space, Add	*138.78*	
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	691.14	131.17
		For Seal Class B, Add	*78.25*	
		For Seal Class A, Add	*208.66*	
		For 24 Gauge, Add	*33.90*	
		For 22 Gauge, Add	*77.97*	
		For 20 Gauge, Add	*127.13*	
		For 18 Gauge, Add	*194.93*	
		For 16 Gauge, Add	*237.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*125.43*	
		For Work In Restricted Working Space, Add	*156.49*	
23 31 13 16-0111		Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*		
23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	173.07	31.87
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*8.81*	
		For 22 Gauge, Add	*20.25*	
		For 20 Gauge, Add	*33.02*	
		For 18 Gauge, Add	*50.63*	
		For 16 Gauge, Add	*61.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.58*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	250.47	51.49
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*9.23*	
		For 22 Gauge, Add	*21.23*	
		For 20 Gauge, Add	*34.62*	
		For 18 Gauge, Add	*53.08*	
		For 16 Gauge, Add	*64.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.16*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	314.30	66.19
		For Seal Class B, Add	*39.54*	
		For Seal Class A, Add	*105.45*	
		For 24 Gauge, Add	*10.14*	
		For 22 Gauge, Add	*23.31*	
		For 20 Gauge, Add	*38.01*	
		For 18 Gauge, Add	*58.28*	
		For 16 Gauge, Add	*70.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.50*	
		For Work In Restricted Working Space, Add	*79.09*	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	379.84	82.13
		For Seal Class B, Add	*49.04*	
		For Seal Class A, Add	*130.76*	
		For 24 Gauge, Add	*10.59*	
		For 22 Gauge, Add	*24.35*	
		For 20 Gauge, Add	*39.71*	
		For 18 Gauge, Add	*60.88*	
		For 16 Gauge, Add	*74.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.18*	
		For Work In Restricted Working Space, Add	*98.07*	
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	450.11	99.30
		For Seal Class B, Add	*59.32*	
		For Seal Class A, Add	*158.18*	
		For 24 Gauge, Add	*10.93*	
		For 22 Gauge, Add	*25.15*	
		For 20 Gauge, Add	*41.00*	
		For 18 Gauge, Add	*62.87*	
		For 16 Gauge, Add	*76.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.46*	
		For Work In Restricted Working Space, Add	*118.63*	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	522.05	115.23
		For Seal Class B, Add	*69.39*	
		For Seal Class A, Add	*185.04*	
		For 24 Gauge, Add	*11.89*	
		For 22 Gauge, Add	*27.35*	
		For 20 Gauge, Add	*44.60*	
		For 18 Gauge, Add	*68.38*	
		For 16 Gauge, Add	*83.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*44.00*	
		For Work In Restricted Working Space, Add	*138.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	583.49	131.17
		For Seal Class B, Add	*78.25*	
		For Seal Class A, Add	*208.66*	
		For 24 Gauge, Add	*12.37*	
		For 22 Gauge, Add	*28.45*	
		For 20 Gauge, Add	*46.39*	
		For 18 Gauge, Add	*71.13*	
		For 16 Gauge, Add	*86.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.77*	
		For Work In Restricted Working Space, Add	*156.49*	
23 31 13 16-0119	EA	20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	662.09	149.55
		For Seal Class B, Add	*89.70*	
		For Seal Class A, Add	*239.19*	
		For 24 Gauge, Add	*12.82*	
		For 22 Gauge, Add	*29.49*	
		For 20 Gauge, Add	*48.08*	
		For 18 Gauge, Add	*73.73*	
		For 16 Gauge, Add	*89.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*47.44*	
		For Work In Restricted Working Space, Add	*179.39*	
23 31 13 16-0120	EA	22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	739.78	165.49
		For Seal Class B, Add	*99.39*	
		For Seal Class A, Add	*265.05*	
		For 24 Gauge, Add	*15.43*	
		For 22 Gauge, Add	*35.49*	
		For 20 Gauge, Add	*57.86*	
		For 18 Gauge, Add	*88.72*	
		For 16 Gauge, Add	*108.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*57.09*	
		For Work In Restricted Working Space, Add	*198.79*	
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	800.76	180.20
		For Seal Class B, Add	*108.16*	
		For Seal Class A, Add	*288.44*	
		For 24 Gauge, Add	*15.93*	
		For 22 Gauge, Add	*36.65*	
		For 20 Gauge, Add	*59.75*	
		For 18 Gauge, Add	*91.62*	
		For 16 Gauge, Add	*111.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*58.96*	
		For Work In Restricted Working Space, Add	*216.33*	
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	261.02	55.53
		For Seal Class B, Add	*33.34*	
		For Seal Class A, Add	*88.90*	
		For 24 Gauge, Add	*7.76*	
		For 22 Gauge, Add	*17.84*	
		For 20 Gauge, Add	*29.09*	
		For 18 Gauge, Add	*44.60*	
		For 16 Gauge, Add	*54.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.70*	
		For Work In Restricted Working Space, Add	*66.67*	
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	316.15	66.81
		For Seal Class B, Add	*40.08*	
		For Seal Class A, Add	*106.88*	
		For 24 Gauge, Add	*9.79*	
		For 22 Gauge, Add	*22.52*	
		For 20 Gauge, Add	*36.72*	
		For 18 Gauge, Add	*56.30*	
		For 16 Gauge, Add	*68.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.23*	
		For Work In Restricted Working Space, Add	*80.16*	
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	384.07	81.15
		For Seal Class B, Add	*48.70*	
		For Seal Class A, Add	*129.86*	
		For 24 Gauge, Add	*11.89*	
		For 22 Gauge, Add	*27.34*	
		For 20 Gauge, Add	*44.57*	
		For 18 Gauge, Add	*68.34*	
		For 16 Gauge, Add	*83.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.98*	
		For Work In Restricted Working Space, Add	*97.39*	
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	457.23	96.48
		For Seal Class B, Add	*57.97*	
		For Seal Class A, Add	*154.58*	
		For 24 Gauge, Add	*14.15*	
		For 22 Gauge, Add	*32.55*	
		For 20 Gauge, Add	*53.08*	
		For 18 Gauge, Add	*81.39*	
		For 16 Gauge, Add	*99.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.37*	
		For Work In Restricted Working Space, Add	*115.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	577.94	124.06
		For Seal Class B, Add	*74.39*	
		For Seal Class A, Add	*198.36*	
		For 24 Gauge, Add	*16.41*	
		For 22 Gauge, Add	*37.74*	
		For 20 Gauge, Add	*61.53*	
		For 18 Gauge, Add	*94.35*	
		For 16 Gauge, Add	*114.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*60.71*	
		For Work In Restricted Working Space, Add	*148.77*	
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	642.13	137.66
		For Seal Class B, Add	*82.53*	
		For Seal Class A, Add	*220.08*	
		For 24 Gauge, Add	*18.39*	
		For 22 Gauge, Add	*42.29*	
		For 20 Gauge, Add	*68.95*	
		For 18 Gauge, Add	*105.72*	
		For 16 Gauge, Add	*128.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*68.03*	
		For Work In Restricted Working Space, Add	*165.06*	
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	730.07	156.66
		For Seal Class B, Add	*93.81*	
		For Seal Class A, Add	*250.17*	
		For 24 Gauge, Add	*20.93*	
		For 22 Gauge, Add	*48.13*	
		For 20 Gauge, Add	*78.48*	
		For 18 Gauge, Add	*120.34*	
		For 16 Gauge, Add	*146.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*77.43*	
		For Work In Restricted Working Space, Add	*187.63*	
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	784.31	167.08
		For Seal Class B, Add	*100.15*	
		For Seal Class A, Add	*267.07*	
		For 24 Gauge, Add	*23.33*	
		For 22 Gauge, Add	*53.65*	
		For 20 Gauge, Add	*87.47*	
		For 18 Gauge, Add	*134.12*	
		For 16 Gauge, Add	*163.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*86.31*	
		For Work In Restricted Working Space, Add	*200.30*	
23 31 13 16-0130	EA	24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	850.88	181.18
		For Seal Class B, Add	*108.68*	
		For Seal Class A, Add	*289.80*	
		For 24 Gauge, Add	*25.28*	
		For 22 Gauge, Add	*58.13*	
		For 20 Gauge, Add	*94.79*	
		For 18 Gauge, Add	*145.34*	
		For 16 Gauge, Add	*176.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*93.52*	
		For Work In Restricted Working Space, Add	*217.35*	
23 31 13 16-0131	EA	10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	345.39	73.55
		For Seal Class B, Add	*44.07*	
		For Seal Class A, Add	*117.53*	
		For 24 Gauge, Add	*10.31*	
		For 22 Gauge, Add	*23.72*	
		For 20 Gauge, Add	*38.67*	
		For 18 Gauge, Add	*59.29*	
		For 16 Gauge, Add	*72.18*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.15*	
		For Work In Restricted Working Space, Add	*88.15*	
23 31 13 16-0132	EA	12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	419.72	89.49
		For Seal Class B, Add	*53.58*	
		For Seal Class A, Add	*142.87*	
		For 24 Gauge, Add	*12.51*	
		For 22 Gauge, Add	*28.77*	
		For 20 Gauge, Add	*46.91*	
		For 18 Gauge, Add	*71.92*	
		For 16 Gauge, Add	*87.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.28*	
		For Work In Restricted Working Space, Add	*107.15*	
23 31 13 16-0133	EA	14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	499.58	106.03
		For Seal Class B, Add	*63.76*	
		For Seal Class A, Add	*170.02*	
		For 24 Gauge, Add	*14.91*	
		For 22 Gauge, Add	*34.28*	
		For 20 Gauge, Add	*55.90*	
		For 18 Gauge, Add	*85.71*	
		For 16 Gauge, Add	*104.34*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*55.15*	
		For Work In Restricted Working Space, Add	*127.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0134	EA	16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	579.87	123.57
		For Seal Class B, Add	*74.03*	
		For Seal Class A, Add	*197.40*	
		For 24 Gauge, Add	*17.27*	
		For 22 Gauge, Add	*39.73*	
		For 20 Gauge, Add	*64.78*	
		For 18 Gauge, Add	*99.33*	
		For 16 Gauge, Add	*120.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*63.91*	
		For Work In Restricted Working Space, Add	*148.05*	
23 31 13 16-0135	EA	18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	648.95	138.15
		For Seal Class B, Add	*82.83*	
		For Seal Class A, Add	*220.87*	
		For 24 Gauge, Add	*19.35*	
		For 22 Gauge, Add	*44.51*	
		For 20 Gauge, Add	*72.58*	
		For 18 Gauge, Add	*111.29*	
		For 16 Gauge, Add	*135.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*71.61*	
		For Work In Restricted Working Space, Add	*165.65*	
23 31 13 16-0136	EA	20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	738.13	157.16
		For Seal Class B, Add	*94.20*	
		For Seal Class A, Add	*251.20*	
		For 24 Gauge, Add	*22.03*	
		For 22 Gauge, Add	*50.66*	
		For 20 Gauge, Add	*82.60*	
		For 18 Gauge, Add	*126.65*	
		For 16 Gauge, Add	*154.18*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*81.50*	
		For Work In Restricted Working Space, Add	*188.40*	
23 31 13 16-0137	EA	22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	824.05	175.29
		For Seal Class B, Add	*105.19*	
		For Seal Class A, Add	*280.52*	
		For 24 Gauge, Add	*24.55*	
		For 22 Gauge, Add	*56.47*	
		For 20 Gauge, Add	*92.07*	
		For 18 Gauge, Add	*141.17*	
		For 16 Gauge, Add	*171.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*90.84*	
		For Work In Restricted Working Space, Add	*210.39*	
23 31 13 16-0138	EA	24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	893.47	190.25
		For Seal Class B, Add	*114.07*	
		For Seal Class A, Add	*304.18*	
		For 24 Gauge, Add	*26.60*	
		For 22 Gauge, Add	*61.19*	
		For 20 Gauge, Add	*99.77*	
		For 18 Gauge, Add	*152.97*	
		For 16 Gauge, Add	*186.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*98.43*	
		For Work In Restricted Working Space, Add	*228.14*	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*

23 31 13 16-0140	EA	6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	113.89	24.52
		For Seal Class B, Add	*14.71*	
		For Seal Class A, Add	*39.22*	
		For 24 Gauge, Add	*3.17*	
		For 22 Gauge, Add	*7.28*	
		For 20 Gauge, Add	*11.87*	
		For 18 Gauge, Add	*18.20*	
		For 16 Gauge, Add	*22.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.71*	
		For Work In Restricted Working Space, Add	*29.42*	
23 31 13 16-0141	EA	8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	146.46	31.87
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*3.48*	
		For 22 Gauge, Add	*8.01*	
		For 20 Gauge, Add	*13.07*	
		For 18 Gauge, Add	*20.03*	
		For 16 Gauge, Add	*24.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.89*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0142	EA	10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	182.74	40.46
		For Seal Class B, Add	*24.52*	
		For Seal Class A, Add	*65.38*	
		For 24 Gauge, Add	*3.86*	
		For 22 Gauge, Add	*8.87*	
		For 20 Gauge, Add	*14.47*	
		For 18 Gauge, Add	*22.18*	
		For 16 Gauge, Add	*27.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.27*	
		For Work In Restricted Working Space, Add	*49.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0143	EA	12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	225.46	51.49
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*4.23*	
		For 22 Gauge, Add	*9.73*	
		For 20 Gauge, Add	*15.86*	
		For 18 Gauge, Add	*24.32*	
		For 16 Gauge, Add	*29.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.65*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0144	EA	14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	246.42	56.38
		For Seal Class B, Add	*33.43*	
		For Seal Class A, Add	*89.15*	
		For 24 Gauge, Add	*4.71*	
		For 22 Gauge, Add	*10.83*	
		For 20 Gauge, Add	*17.66*	
		For 18 Gauge, Add	*27.07*	
		For 16 Gauge, Add	*32.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.42*	
		For Work In Restricted Working Space, Add	*66.86*	
23 31 13 16-0145	EA	16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	304.32	66.19
		For Seal Class B, Add	*39.54*	
		For Seal Class A, Add	*105.45*	
		For 24 Gauge, Add	*8.14*	
		For 22 Gauge, Add	*18.72*	
		For 20 Gauge, Add	*30.53*	
		For 18 Gauge, Add	*46.81*	
		For 16 Gauge, Add	*56.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.12*	
		For Work In Restricted Working Space, Add	*79.09*	
23 31 13 16-0146	EA	18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	370.39	82.13
		For Seal Class B, Add	*49.04*	
		For Seal Class A, Add	*130.76*	
		For 24 Gauge, Add	*8.70*	
		For 22 Gauge, Add	*20.01*	
		For 20 Gauge, Add	*32.62*	
		For 18 Gauge, Add	*50.01*	
		For 16 Gauge, Add	*60.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.18*	
		For Work In Restricted Working Space, Add	*98.07*	
23 31 13 16-0147	EA	20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	441.86	99.30
		For Seal Class B, Add	*59.32*	
		For Seal Class A, Add	*158.18*	
		For 24 Gauge, Add	*9.28*	
		For 22 Gauge, Add	*21.35*	
		For 20 Gauge, Add	*34.82*	
		For 18 Gauge, Add	*53.38*	
		For 16 Gauge, Add	*64.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.35*	
		For Work In Restricted Working Space, Add	*118.63*	
23 31 13 16-0148	EA	22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	511.94	115.23
		For Seal Class B, Add	*69.39*	
		For Seal Class A, Add	*185.04*	
		For 24 Gauge, Add	*9.87*	
		For 22 Gauge, Add	*22.70*	
		For 20 Gauge, Add	*37.01*	
		For 18 Gauge, Add	*56.75*	
		For 16 Gauge, Add	*69.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.52*	
		For Work In Restricted Working Space, Add	*138.78*	
23 31 13 16-0149	EA	24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	573.65	131.17
		For Seal Class B, Add	*78.25*	
		For Seal Class A, Add	*208.66*	
		For 24 Gauge, Add	*10.40*	
		For 22 Gauge, Add	*23.92*	
		For 20 Gauge, Add	*39.01*	
		For 18 Gauge, Add	*59.81*	
		For 16 Gauge, Add	*72.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.49*	
		For Work In Restricted Working Space, Add	*156.49*	
23 31 13 16-0150		Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*		
23 31 13 16-0151	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	73.75	17.16
		For Seal Class B, Add	*9.94*	
		For Seal Class A, Add	*26.50*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*3.45*	
		For 20 Gauge, Add	*5.62*	
		For 18 Gauge, Add	*8.61*	
		For 16 Gauge, Add	*10.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.54*	
		For Work In Restricted Working Space, Add	*19.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0152	EA	6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	106.57	24.52
		For Seal Class B, Add	*14.71*	
		For Seal Class A, Add	*39.22*	
		For 24 Gauge, Add	*1.70*	
		For 22 Gauge, Add	*3.91*	
		For 20 Gauge, Add	*6.38*	
		For 18 Gauge, Add	*9.79*	
		For 16 Gauge, Add	*11.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.30*	
		For Work In Restricted Working Space, Add	*29.42*	
23 31 13 16-0153	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	138.22	31.87
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*1.84*	
		For 22 Gauge, Add	*4.22*	
		For 20 Gauge, Add	*6.89*	
		For 18 Gauge, Add	*10.56*	
		For 16 Gauge, Add	*12.85*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.79*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0154	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	173.29	40.46
		For Seal Class B, Add	*24.52*	
		For Seal Class A, Add	*65.38*	
		For 24 Gauge, Add	*1.97*	
		For 22 Gauge, Add	*4.53*	
		For 20 Gauge, Add	*7.38*	
		For 18 Gauge, Add	*11.32*	
		For 16 Gauge, Add	*13.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.28*	
		For Work In Restricted Working Space, Add	*49.04*	
23 31 13 16-0155	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	214.82	51.49
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*2.10*	
		For 22 Gauge, Add	*4.83*	
		For 20 Gauge, Add	*7.88*	
		For 18 Gauge, Add	*12.09*	
		For 16 Gauge, Add	*14.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.78*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0156	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	234.05	56.38
		For Seal Class B, Add	*33.43*	
		For Seal Class A, Add	*89.15*	
		For 24 Gauge, Add	*2.23*	
		For 22 Gauge, Add	*5.14*	
		For 20 Gauge, Add	*8.38*	
		For 18 Gauge, Add	*12.85*	
		For 16 Gauge, Add	*15.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.27*	
		For Work In Restricted Working Space, Add	*66.86*	
23 31 13 16-0157	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	275.99	66.19
		For Seal Class B, Add	*39.54*	
		For Seal Class A, Add	*105.45*	
		For 24 Gauge, Add	*2.47*	
		For 22 Gauge, Add	*5.69*	
		For 20 Gauge, Add	*9.28*	
		For 18 Gauge, Add	*14.23*	
		For 16 Gauge, Add	*17.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.15*	
		For Work In Restricted Working Space, Add	*79.09*	
23 31 13 16-0158	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	339.93	82.13
		For Seal Class B, Add	*49.04*	
		For Seal Class A, Add	*130.76*	
		For 24 Gauge, Add	*2.61*	
		For 22 Gauge, Add	*5.99*	
		For 20 Gauge, Add	*9.77*	
		For 18 Gauge, Add	*14.98*	
		For 16 Gauge, Add	*18.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.64*	
		For Work In Restricted Working Space, Add	*98.07*	
23 31 13 16-0159	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	409.27	99.30
		For Seal Class B, Add	*59.32*	
		For Seal Class A, Add	*158.18*	
		For 24 Gauge, Add	*2.77*	
		For 22 Gauge, Add	*6.36*	
		For 20 Gauge, Add	*10.37*	
		For 18 Gauge, Add	*15.90*	
		For 16 Gauge, Add	*19.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.23*	
		For Work In Restricted Working Space, Add	*118.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0160	EA	22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	476.95	231.69
		For Seal Class B, Add	*69.39*	
		For Seal Class A, Add	*185.04*	
		For 24 Gauge, Add	*2.87*	
		For 22 Gauge, Add	*6.61*	
		For 20 Gauge, Add	*10.77*	
		For 18 Gauge, Add	*16.51*	
		For 16 Gauge, Add	*20.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.63*	
		For Work In Restricted Working Space, Add	*138.78*	
23 31 13 16-0161	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	536.80	261.11
		For Seal Class B, Add	*78.25*	
		For Seal Class A, Add	*208.66*	
		For 24 Gauge, Add	*3.03*	
		For 22 Gauge, Add	*6.97*	
		For 20 Gauge, Add	*11.37*	
		For 18 Gauge, Add	*17.43*	
		For 16 Gauge, Add	*21.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.22*	
		For Work In Restricted Working Space, Add	*156.49*	

23 31 13 16-0162 Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*

23 31 13 16-0163	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	41.92	17.16
		For Seal Class B, Add	*4.97*	
		For Seal Class A, Add	*13.26*	
		For 24 Gauge, Add	*1.76*	
		For 22 Gauge, Add	*4.04*	
		For 20 Gauge, Add	*6.59*	
		For 18 Gauge, Add	*10.10*	
		For 16 Gauge, Add	*12.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.50*	
		For Work In Restricted Working Space, Add	*9.94*	
23 31 13 16-0164	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	58.87	24.52
		For Seal Class B, Add	*7.35*	
		For Seal Class A, Add	*19.61*	
		For 24 Gauge, Add	*1.97*	
		For 22 Gauge, Add	*4.53*	
		For 20 Gauge, Add	*7.38*	
		For 18 Gauge, Add	*11.32*	
		For 16 Gauge, Add	*13.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.28*	
		For Work In Restricted Working Space, Add	*14.71*	
23 31 13 16-0165	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	75.28	33.10
		For Seal Class B, Add	*9.68*	
		For Seal Class A, Add	*25.80*	
		For 24 Gauge, Add	*2.15*	
		For 22 Gauge, Add	*4.95*	
		For 20 Gauge, Add	*8.08*	
		For 18 Gauge, Add	*12.39*	
		For 16 Gauge, Add	*15.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.97*	
		For Work In Restricted Working Space, Add	*19.35*	
23 31 13 16-0166	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	93.69	41.68
		For Seal Class B, Add	*12.26*	
		For Seal Class A, Add	*32.69*	
		For 24 Gauge, Add	*2.39*	
		For 22 Gauge, Add	*5.51*	
		For 20 Gauge, Add	*8.98*	
		For 18 Gauge, Add	*13.77*	
		For 16 Gauge, Add	*16.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.86*	
		For Work In Restricted Working Space, Add	*24.52*	
23 31 13 16-0167	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	115.45	51.49
		For Seal Class B, Add	*15.32*	
		For Seal Class A, Add	*40.86*	
		For 24 Gauge, Add	*2.66*	
		For 22 Gauge, Add	*6.12*	
		For 20 Gauge, Add	*9.98*	
		For 18 Gauge, Add	*15.30*	
		For 16 Gauge, Add	*18.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.84*	
		For Work In Restricted Working Space, Add	*30.65*	
23 31 13 16-0168	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	126.08	56.38
		For Seal Class B, Add	*16.72*	
		For Seal Class A, Add	*44.58*	
		For 24 Gauge, Add	*2.93*	
		For 22 Gauge, Add	*6.73*	
		For 20 Gauge, Add	*10.97*	
		For 18 Gauge, Add	*16.82*	
		For 16 Gauge, Add	*20.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.83*	
		For Work In Restricted Working Space, Add	*33.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0169	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	145.93	64.97
		For Seal Class B, Add	*19.36*	
		For Seal Class A, Add	*51.62*	
		For 24 Gauge, Add	*3.38*	
		For 22 Gauge, Add	*7.77*	
		For 20 Gauge, Add	*12.67*	
		For 18 Gauge, Add	*19.42*	
		For 16 Gauge, Add	*23.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.50*	
		For Work In Restricted Working Space, Add	*38.71*	
23 31 13 16-0170	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	220.38	82.13
		For Seal Class B, Add	*24.52*	
		For Seal Class A, Add	*65.38*	
		For 24 Gauge, Add	*11.39*	
		For 22 Gauge, Add	*26.19*	
		For 20 Gauge, Add	*42.70*	
		For 18 Gauge, Add	*65.47*	
		For 16 Gauge, Add	*79.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.13*	
		For Work In Restricted Working Space, Add	*49.04*	
23 31 13 16-0171	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	266.03	101.74
		For Seal Class B, Add	*30.65*	
		For Seal Class A, Add	*81.72*	
		For 24 Gauge, Add	*12.34*	
		For 22 Gauge, Add	*28.39*	
		For 20 Gauge, Add	*46.29*	
		For 18 Gauge, Add	*70.98*	
		For 16 Gauge, Add	*86.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.67*	
		For Work In Restricted Working Space, Add	*61.29*	
23 31 13 16-0172	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	289.39	111.56
		For Seal Class B, Add	*33.43*	
		For Seal Class A, Add	*89.15*	
		For 24 Gauge, Add	*13.30*	
		For 22 Gauge, Add	*30.59*	
		For 20 Gauge, Add	*49.88*	
		For 18 Gauge, Add	*76.49*	
		For 16 Gauge, Add	*93.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.22*	
		For Work In Restricted Working Space, Add	*66.86*	
23 31 13 16-0173	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	332.25	129.94
		For Seal Class B, Add	*39.12*	
		For Seal Class A, Add	*104.33*	
		For 24 Gauge, Add	*14.29*	
		For 22 Gauge, Add	*32.86*	
		For 20 Gauge, Add	*53.57*	
		For 18 Gauge, Add	*82.14*	
		For 16 Gauge, Add	*100.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.86*	
		For Work In Restricted Working Space, Add	*78.25*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	46.92	37.66
		For Work In Restricted Working Space, Add	*13.77*	
		For Elevated Installation >10' To 15', Add	*4.59*	
		For Elevated Installation >15' To 20', Add	*9.18*	
		For Elevated Installation >20' To 25', Add	*11.48*	
		For Elevated Installation >25' To 30', Add	*16.07*	
		For Elevated Installation >30' To 35', Add	*18.36*	
		For Elevated Installation >35' To 40', Add	*22.95*	
		For Elevated Installation >40', Add	*25.25*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	43.00	16.61
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	43.00	16.61
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	45.89	17.94
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	45.89	17.94
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	48.30	17.94
		For Stainless Steel, Add	*14.90*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	49.73	19.26
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	49.73	19.26
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	51.23	19.26
		For Stainless Steel, Add	*15.24*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	50.00	20.59
		For Stainless Steel, Add	*10.57*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	52.91	21.92
		For Stainless Steel, Add	*10.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	59.07	21.92
		For Stainless Steel, Add	*18.28*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	56.11	23.25
		For Stainless Steel, Add	*11.53*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	62.14	23.25
		For Stainless Steel, Add	*18.77*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	44.43	17.94
		For Stainless Steel, Add	*10.26*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	44.43	17.94
		For Stainless Steel, Add	*10.26*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	48.06	19.26
		For Stainless Steel, Add	*11.44*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	49.49	19.26
		For Stainless Steel, Add	*13.15*	
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	50.20	20.59
		For Stainless Steel, Add	*10.81*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	53.08	21.92
		For Stainless Steel, Add	*11.09*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	45.41	17.94
		For Stainless Steel, Add	*11.44*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	48.64	19.26
		For Stainless Steel, Add	*12.13*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	43.00	16.61
		For Stainless Steel, Add	*11.75*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	45.89	17.94
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	49.73	19.26
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	49.73	19.26
		For Stainless Steel, Add	*13.44*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	50.00	20.59
		For Stainless Steel, Add	*10.57*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	52.91	21.92
		For Stainless Steel, Add	*10.88*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	59.07	21.92
		For Stainless Steel, Add	*18.28*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	61.73	23.25
		For Stainless Steel, Add	*18.28*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	27.04	11.41
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*6.87*	
		For Elevated Installation >10' To 15', Add	*2.29*	
		For Elevated Installation >15' To 20', Add	*4.58*	
		For Elevated Installation >20' To 25', Add	*5.72*	
		For Elevated Installation >25' To 30', Add	*8.01*	
		For Elevated Installation >30' To 35', Add	*9.16*	
		For Elevated Installation >35' To 40', Add	*11.45*	
		For Elevated Installation >40', Add	*12.59*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	24.47	11.77
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.69*	
		For Work In Restricted Working Space, Add	*7.06*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.71*	
		For Elevated Installation >20' To 25', Add	*5.89*	
		For Elevated Installation >25' To 30', Add	*8.24*	
		For Elevated Installation >30' To 35', Add	*9.42*	
		For Elevated Installation >35' To 40', Add	*11.77*	
		For Elevated Installation >40', Add	*12.95*	

23 31 16 Non-metal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	11.78	2.36
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	13.90	2.59
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	16.12	2.85

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0001		Fiber Reinforced Round Plastic Duct *(23 31 16 16)*		
23 31 16 16-0002		Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*		
23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	19.92	5.90
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	25.08	6.91
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	33.81	10.15
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	45.00	12.81
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	57.11	16.05
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	68.90	19.28
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	77.31	22.52
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	88.54	24.63
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	95.82	26.20
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	120.19	29.42
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	126.19	31.54
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	157.36	33.66
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	180.08	39.01
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	207.25	47.03
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	280.56	52.38
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	314.26	58.85
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	348.46	67.43
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	394.78	78.69
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	419.61	96.30
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	511.99	117.70
23 31 16 16-0023		Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*		
23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	66.92	23.96
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	80.59	28.42
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	92.99	33.44
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	122.42	44.58
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	149.45	55.73
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	174.11	66.87
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	215.93	83.03
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	230.72	89.17
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	249.95	95.29
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	269.19	102.54
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	294.15	111.45
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	340.19	122.60
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	393.34	133.74
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	445.79	150.46
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	498.23	167.19
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	550.65	183.90
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	683.29	222.91
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	818.49	278.64
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	982.14	334.36
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,123.70	378.95
23 31 16 16-0044		Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*		
23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	104.91	23.96
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	120.96	28.42
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	138.11	33.44
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	179.41	44.58
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	218.31	55.73
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	257.23	66.87
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	303.79	83.03
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	337.58	89.17
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	368.69	95.29
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	392.67	102.54
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	412.89	111.45
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	482.67	122.60
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	531.08	133.74
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	652.39	150.46
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	726.20	167.19
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	823.74	183.90
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	968.26	222.91
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,158.08	278.64
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,347.85	334.36
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,541.65	378.95
23 31 16 16-0065		Fiber Reinforced Plastic 90 Degree Elbow *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	174.67	57.74
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	205.26	68.99
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	238.23	80.24
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	308.93	106.99
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	379.64	133.74
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	450.37	160.50
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	553.47	199.62
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	625.31	211.32
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	710.24	229.48
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	842.38	246.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	968.33	267.49
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,119.78	294.24
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,496.79	320.99
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,908.04	361.11
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,497.39	401.35
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,956.15	441.47
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,503.85	534.98
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	4,249.21	668.72
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	4,994.12	802.25
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,694.70	909.14
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	148.53	57.74
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	174.39	68.99
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	202.58	80.24
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	256.69	106.99
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	310.78	133.74
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	369.69	160.50
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	456.19	199.62
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	494.61	211.32
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	586.56	229.37
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	671.70	246.32
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	773.53	267.49
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	888.92	294.02
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,116.42	320.77
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,360.00	361.45
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,721.33	401.57
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	2,018.13	441.47
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,406.72	534.98
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,890.86	668.72
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,400.49	800.69
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,844.05	910.03
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	226.68	86.15
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	267.96	103.76
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	307.48	120.37
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	398.12	160.50
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	486.98	199.62
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	581.11	241.86
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	702.31	293.13
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	766.19	317.20
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	882.99	344.62
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	995.19	369.14
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,143.79	401.35
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,305.71	441.47
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,550.34	481.38
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,853.10	541.89
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,428.21	602.07
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,885.01	662.38
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,475.58	803.04
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	4,165.97	1,003.54
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,855.71	1,203.60
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,480.48	1,364.77
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	191.03	86.15
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	225.18	103.76
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	257.64	120.37
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	329.32	160.50
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	399.19	199.62
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	479.05	241.86
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	574.32	293.35
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	623.21	316.98
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	683.74	344.73
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	739.26	369.47
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	807.05	401.57
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	892.50	441.47
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	984.69	481.15
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	1,111.59	541.56
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,241.57	602.41
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,364.73	662.16
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,631.31	800.69
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,996.10	1,005.32
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,411.18	1,204.49
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,702.03	1,364.77
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	158.07	57.85
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	186.32	69.11
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	219.29	80.24
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	282.81	106.99
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	341.65	133.74
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	411.04	161.16
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	489.43	199.62
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	523.11	211.32
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	577.06	229.37
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	633.71	246.32
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	707.04	267.49
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	804.46	294.57
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	901.55	321.55
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	1,020.41	361.45
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,139.52	401.57
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,281.96	441.47
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,520.95	534.98
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,819.85	668.72
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	2,046.89	800.69
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,300.46	910.03

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	186.57	57.85
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	205.32	69.11
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	238.29	80.24
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	308.93	106.99
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	379.64	133.74
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	451.42	161.16
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	541.68	199.62
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	589.60	211.32
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	643.55	229.37
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	723.95	246.32
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	906.52	267.49
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,096.55	294.57
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,177.02	321.55
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,338.63	361.45
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,452.98	401.57
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,590.68	441.47
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,770.29	534.98
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	2,054.95	668.72
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,308.11	800.69
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,537.94	910.03

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	484.69	57.74
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	544.31	68.99
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	603.92	80.24
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	709.83	106.99
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	836.19	133.74
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	942.12	160.50
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	1,068.55	199.62
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	1,190.36	211.32
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,322.89	229.48
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,452.75	246.09
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,549.79	267.49
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,757.91	294.24
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	2,047.77	320.99
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	2,359.99	361.11
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,713.10	401.35
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	3,025.34	441.47
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	3,549.18	534.98
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	4,140.05	668.72
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	4,689.61	802.25
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	5,399.25	909.14

23 31 16 23 Fabric Ducts *(23 31 16)*

23 31 16 23-0001 Heavy-Duty Fabric Ducts (Zip-A-Duct™) *(23 31 16 23)*

23 31 16 23-0002 Heavy-Duty Fabric Duct Without Vents *(23 31 16 23-0001)*

Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.

23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	206.10	9.22
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	322.37	12.30
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	248.50	15.37
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	370.10	20.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	301.44	21.08
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	432.07	28.10
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	350.98	27.22
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	494.05	36.01
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	391.47	31.18
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	587.42	41.71
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	430.65	34.69
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	655.40	46.11
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	469.05	39.52
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	756.17	52.70
23 31 16 23-0017		**Heavy-Duty Fabric Duct With Vents** *(23 31 16 23-0001)*		
23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	560.06	12.30
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	622.05	20.20
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	695.90	28.10
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	772.15	36.01
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	929.69	41.71
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	997.67	46.11
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,126.97	52.70
23 31 16 23-0025		**Heavy-Duty Fabric Duct 90 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0026	EA	12" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	417.73	13.18
23 31 16 23-0027	EA	16" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	467.82	21.08
23 31 16 23-0028	EA	20" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	632.41	22.83
23 31 16 23-0029	EA	24" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	772.82	30.73
23 31 16 23-0030	EA	28" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	976.00	34.26
23 31 16 23-0031	EA	32" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,215.87	37.32
23 31 16 23-0032	EA	36" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,381.42	41.71
23 31 16 23-0033		**Heavy-Duty Fabric Duct 45 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0034	EA	12" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	320.28	13.18
23 31 16 23-0035	EA	16" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	377.50	21.08
23 31 16 23-0036	EA	20" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	423.24	22.83
23 31 16 23-0037	EA	24" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	494.73	30.73
23 31 16 23-0038	EA	28" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	571.93	34.26
23 31 16 23-0039	EA	32" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	685.82	37.32
23 31 16 23-0040	EA	36" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	782.33	41.71
23 31 16 23-0041		**Heavy-Duty Fabric Duct Tee** *(23 31 16 23-0001)*		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,020.02	30.73
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,074.21	32.93
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,165.86	44.36
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,226.99	49.62
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,273.57	54.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,336.32	60.60
23 31 16 23-0048		**Heavy-Duty Fabric Duct Inlets** *(23 31 16 23-0001)*		
23 31 16 23-0049	EA	12" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	165.78	13.18
23 31 16 23-0050	EA	16" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	196.86	21.08
23 31 16 23-0051	EA	20" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	211.70	22.83
23 31 16 23-0052	EA	24" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	245.15	30.73
23 31 16 23-0053	EA	28" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	262.93	34.26
23 31 16 23-0054	EA	32" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	281.75	37.32
23 31 16 23-0055	EA	36" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	309.32	41.71
23 31 16 23-0056		**Heavy-Duty Fabric Duct Cap** *(23 31 16 23-0001)*		
23 31 16 23-0057	EA	12" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	97.52	7.90
23 31 16 23-0058	EA	16" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	124.04	12.73
23 31 16 23-0059	EA	20" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	145.71	13.61
23 31 16 23-0060	EA	24" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	203.14	18.44
23 31 16 23-0061	EA	28" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	243.07	20.63
23 31 16 23-0062	EA	32" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	303.06	22.40
23 31 16 23-0063	EA	36" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	341.94	25.03
23 31 16 23-0064		**Heavy-Duty Fabric Duct Suspension Hardware** *(23 31 16 23-0001)*		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	38.43	6.65
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	59.89	9.98
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	14.33	3.33
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	0.85	0.13
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs	33.18	6.65
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	70.00	6.65
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	95.78	9.98
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	18.78	3.33
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	2.66	0.13
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs	44.68	6.65

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001		**Radial Opposed Blade Damper Steel Construction (Ruskin CDR)** *(23 33 13 13)*		
23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	133.33	10.63
		For Stainless Steel, Add	*110.51*	
		For Parallel Blade Damper, Add	*36.84*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	141.25	11.96
		For Stainless Steel, Add	*112.10*	
		For Parallel Blade Damper, Add	*37.37*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	150.02	13.28
		For Stainless Steel, Add	*113.29*	
		For Parallel Blade Damper, Add	*37.76*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	161.63	15.94
		For Stainless Steel, Add	*120.37*	
		For Parallel Blade Damper, Add	*40.12*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	174.54	17.27
		For Stainless Steel, Add	*127.45*	
		For Parallel Blade Damper, Add	*42.48*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	210.44	18.60
		For Stainless Steel, Add	*162.85*	
		For Parallel Blade Damper, Add	*54.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	229.98	19.93
		For Stainless Steel, Add	*177.02*	
		For Parallel Blade Damper, Add	*59.01*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	241.96	22.58
		For Stainless Steel, Add	*184.07*	
		For Parallel Blade Damper, Add	*61.36*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	266.76	23.91
		For Stainless Steel, Add	*205.33*	
		For Parallel Blade Damper, Add	*68.44*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	316.39	26.57
		For Stainless Steel, Add	*254.90*	
		For Parallel Blade Damper, Add	*84.97*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	350.59	26.57
		For Stainless Steel, Add	*290.26*	
		For Parallel Blade Damper, Add	*96.75*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	402.76	30.56
		For Stainless Steel, Add	*339.83*	
		For Parallel Blade Damper, Add	*113.28*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	434.45	31.89
		For Stainless Steel, Add	*370.30*	
		For Parallel Blade Damper, Add	*123.43*	

23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	144.90	14.77
		For Stainless Steel, Add	*120.70*	
		For Parallel Blade Damper, Add	*40.23*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.03	15.44
		For Stainless Steel, Add	*129.26*	
		For Parallel Blade Damper, Add	*43.09*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	161.49	15.57
		For Stainless Steel, Add	*137.89*	
		For Parallel Blade Damper, Add	*45.96*	
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	161.49	15.57
		For Stainless Steel, Add	*137.89*	
		For Parallel Blade Damper, Add	*45.96*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.02	15.97
		For Stainless Steel, Add	*146.53*	
		For Parallel Blade Damper, Add	*48.84*	
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	189.67	17.70
		For Stainless Steel, Add	*163.73*	
		For Parallel Blade Damper, Add	*54.58*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	170.02	15.97
		For Stainless Steel, Add	*146.53*	
		For Parallel Blade Damper, Add	*48.84*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	187.01	16.90
		For Stainless Steel, Add	*163.73*	
		For Parallel Blade Damper, Add	*54.58*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	196.91	17.70
		For Stainless Steel, Add	*172.42*	
		For Parallel Blade Damper, Add	*57.47*	
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	217.61	19.96
		For Stainless Steel, Add	*189.28*	
		For Parallel Blade Damper, Add	*63.09*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.46	16.90
		For Stainless Steel, Add	*159.47*	
		For Parallel Blade Damper, Add	*53.16*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	196.91	17.70
		For Stainless Steel, Add	*172.42*	
		For Parallel Blade Damper, Add	*57.47*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.76	18.63
		For Stainless Steel, Add	*181.04*	
		For Parallel Blade Damper, Add	*60.35*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	217.94	19.96
		For Stainless Steel, Add	*189.67*	
		For Parallel Blade Damper, Add	*63.22*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.52	22.22
		For Stainless Steel, Add	*211.19*	
		For Parallel Blade Damper, Add	*70.40*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	196.91	17.70
		For Stainless Steel, Add	*172.42*	
		For Parallel Blade Damper, Add	*57.47*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	208.09	19.03
		For Stainless Steel, Add	*181.04*	
		For Parallel Blade Damper, Add	*60.35*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	220.60	20.90
		For Stainless Steel, Add	*189.67*	
		For Parallel Blade Damper, Add	*63.22*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.74	22.22
		For Stainless Steel, Add	*198.25*	
		For Parallel Blade Damper, Add	*66.08*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.42	24.35
		For Stainless Steel, Add	*219.88*	
		For Parallel Blade Damper, Add	*73.29*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.00	26.62
		For Stainless Steel, Add	*241.39*	
		For Parallel Blade Damper, Add	*80.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.76	18.63
		For Stainless Steel, Add	*181.04*	
		For Parallel Blade Damper, Add	*60.35*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.49	19.96
		For Stainless Steel, Add	*193.93*	
		For Parallel Blade Damper, Add	*64.64*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	238.98	22.22
		For Stainless Steel, Add	*206.94*	
		For Parallel Blade Damper, Add	*68.98*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.62	24.35
		For Stainless Steel, Add	*228.52*	
		For Parallel Blade Damper, Add	*76.17*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.60	26.62
		For Stainless Steel, Add	*245.71*	
		For Parallel Blade Damper, Add	*81.90*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.06	28.75
		For Stainless Steel, Add	*255.08*	
		For Parallel Blade Damper, Add	*85.03*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	316.01	31.01
		For Stainless Steel, Add	*267.43*	
		For Parallel Blade Damper, Add	*89.14*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.57	19.96
		For Stainless Steel, Add	*172.43*	
		For Parallel Blade Damper, Add	*57.48*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.25	22.22
		For Stainless Steel, Add	*188.06*	
		For Parallel Blade Damper, Add	*62.69*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.99	24.35
		For Stainless Steel, Add	*203.76*	
		For Parallel Blade Damper, Add	*67.92*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	275.79	26.62
		For Stainless Steel, Add	*235.14*	
		For Parallel Blade Damper, Add	*78.38*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.25	28.75
		For Stainless Steel, Add	*246.91*	
		For Parallel Blade Damper, Add	*82.30*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	308.71	31.01
		For Stainless Steel, Add	*258.67*	
		For Parallel Blade Damper, Add	*86.22*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	328.39	33.27
		For Stainless Steel, Add	*274.31*	
		For Parallel Blade Damper, Add	*91.44*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	348.08	35.40
		For Stainless Steel, Add	*289.94*	
		For Parallel Blade Damper, Add	*96.65*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	229.79	22.22
		For Stainless Steel, Add	*195.91*	
		For Parallel Blade Damper, Add	*65.30*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.07	24.35
		For Stainless Steel, Add	*219.46*	
		For Parallel Blade Damper, Add	*73.15*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	275.79	26.62
		For Stainless Steel, Add	*235.14*	
		For Parallel Blade Damper, Add	*78.38*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	302.05	28.75
		For Stainless Steel, Add	*258.67*	
		For Parallel Blade Damper, Add	*86.22*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.48	31.01
		For Stainless Steel, Add	*270.40*	
		For Parallel Blade Damper, Add	*90.13*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	334.93	33.27
		For Stainless Steel, Add	*282.16*	
		For Parallel Blade Damper, Add	*94.05*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.16	35.40
		For Stainless Steel, Add	*305.64*	
		For Parallel Blade Damper, Add	*101.88*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	394.03	39.92
		For Stainless Steel, Add	*329.12*	
		For Parallel Blade Damper, Add	*109.71*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	433.53	44.32
		For Stainless Steel, Add	*360.55*	
		For Parallel Blade Damper, Add	*120.18*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.07	24.35
		For Stainless Steel, Add	*219.46*	
		For Parallel Blade Damper, Add	*73.15*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	275.79	26.62
		For Stainless Steel, Add	*235.14*	
		For Parallel Blade Damper, Add	*78.38*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	302.05	28.75
		For Stainless Steel, Add	*258.67*	
		For Parallel Blade Damper, Add	*86.22*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.74	31.01
		For Stainless Steel, Add	*274.31*	
		For Parallel Blade Damper, Add	*91.44*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	344.69	33.27
		For Stainless Steel, Add	*293.87*	
		For Parallel Blade Damper, Add	*97.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	367.65	35.40
		For Stainless Steel, Add	*313.43*	
		For Parallel Blade Damper, Add	*104.48*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	400.57	39.92
		For Stainless Steel, Add	*336.97*	
		For Parallel Blade Damper, Add	*112.32*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	433.53	44.32
		For Stainless Steel, Add	*360.55*	
		For Parallel Blade Damper, Add	*120.18*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.33	46.58
		For Stainless Steel, Add	*407.52*	
		For Parallel Blade Damper, Add	*135.84*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	525.27	50.97
		For Stainless Steel, Add	*446.69*	
		For Parallel Blade Damper, Add	*148.90*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	295.40	26.62
		For Stainless Steel, Add	*258.67*	
		For Parallel Blade Damper, Add	*86.22*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	308.55	28.75
		For Stainless Steel, Add	*266.47*	
		For Parallel Blade Damper, Add	*88.82*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.74	31.01
		For Stainless Steel, Add	*274.31*	
		For Parallel Blade Damper, Add	*91.44*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.42	33.27
		For Stainless Steel, Add	*289.94*	
		For Parallel Blade Damper, Add	*96.65*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	368.92	35.40
		For Stainless Steel, Add	*314.95*	
		For Parallel Blade Damper, Add	*104.98*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	400.57	39.92
		For Stainless Steel, Add	*336.97*	
		For Parallel Blade Damper, Add	*112.32*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	440.07	44.32
		For Stainless Steel, Add	*368.40*	
		For Parallel Blade Damper, Add	*122.80*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.49	48.70
		For Stainless Steel, Add	*399.73*	
		For Parallel Blade Damper, Add	*133.24*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	525.27	50.97
		For Stainless Steel, Add	*446.69*	
		For Parallel Blade Damper, Add	*148.90*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	581.69	54.56
		For Stainless Steel, Add	*501.61*	
		For Parallel Blade Damper, Add	*167.20*	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	643.25	57.61
		For Stainless Steel, Add	*564.31*	
		For Parallel Blade Damper, Add	*188.10*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.62	28.75
		For Stainless Steel, Add	*282.16*	
		For Parallel Blade Damper, Add	*94.05*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.31	31.01
		For Stainless Steel, Add	*297.79*	
		For Parallel Blade Damper, Add	*99.26*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.99	33.27
		For Stainless Steel, Add	*313.43*	
		For Parallel Blade Damper, Add	*104.48*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.27	35.40
		For Stainless Steel, Add	*336.97*	
		For Parallel Blade Damper, Add	*112.32*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	410.42	39.92
		For Stainless Steel, Add	*348.79*	
		For Parallel Blade Damper, Add	*116.26*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.88	42.05
		For Stainless Steel, Add	*360.55*	
		For Parallel Blade Damper, Add	*120.18*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.49	48.70
		For Stainless Steel, Add	*399.73*	
		For Parallel Blade Damper, Add	*133.24*	
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	525.40	53.23
		For Stainless Steel, Add	*438.85*	
		For Parallel Blade Damper, Add	*146.28*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	569.93	54.96
		For Stainless Steel, Add	*485.92*	
		For Parallel Blade Damper, Add	*161.97*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	634.12	58.95
		For Stainless Steel, Add	*548.57*	
		For Parallel Blade Damper, Add	*182.86*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	689.15	62.01
		For Stainless Steel, Add	*603.43*	
		For Parallel Blade Damper, Add	*201.14*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	748.07	64.27
		For Stainless Steel, Add	*666.14*	
		For Parallel Blade Damper, Add	*222.05*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	334.77	33.27
		For Stainless Steel, Add	*289.94*	
		For Parallel Blade Damper, Add	*96.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	367.53	35.40
		For Stainless Steel, Add	*321.28*	
		For Parallel Blade Damper, Add	*107.09*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	380.73	37.66
		For Stainless Steel, Add	*329.12*	
		For Parallel Blade Damper, Add	*109.71*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	393.92	39.92
		For Stainless Steel, Add	*336.97*	
		For Parallel Blade Damper, Add	*112.32*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	430.11	42.05
		For Stainless Steel, Add	*364.43*	
		For Parallel Blade Damper, Add	*121.48*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.64	44.32
		For Stainless Steel, Add	*391.88*	
		For Parallel Blade Damper, Add	*130.63*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	505.71	50.97
		For Stainless Steel, Add	*423.22*	
		For Parallel Blade Damper, Add	*141.07*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	545.17	55.35
		For Stainless Steel, Add	*454.60*	
		For Parallel Blade Damper, Add	*151.53*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	594.99	58.95
		For Stainless Steel, Add	*501.61*	
		For Parallel Blade Damper, Add	*167.20*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	676.12	62.01
		For Stainless Steel, Add	*587.80*	
		For Parallel Blade Damper, Add	*195.93*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	725.92	65.61
		For Stainless Steel, Add	*634.76*	
		For Parallel Blade Damper, Add	*211.59*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	803.11	67.33
		For Stainless Steel, Add	*721.01*	
		For Parallel Blade Damper, Add	*240.34*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	879.08	70.92
		For Stainless Steel, Add	*799.40*	
		For Parallel Blade Damper, Add	*266.47*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	354.50	33.27
		For Stainless Steel, Add	*305.64*	
		For Parallel Blade Damper, Add	*101.88*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.27	35.40
		For Stainless Steel, Add	*336.97*	
		For Parallel Blade Damper, Add	*112.32*	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	413.57	37.66
		For Stainless Steel, Add	*360.55*	
		For Parallel Blade Damper, Add	*120.18*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.76	39.92
		For Stainless Steel, Add	*368.40*	
		For Parallel Blade Damper, Add	*122.80*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.53	42.05
		For Stainless Steel, Add	*399.73*	
		For Parallel Blade Damper, Add	*133.24*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.28	44.32
		For Stainless Steel, Add	*431.05*	
		For Parallel Blade Damper, Add	*143.68*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	551.59	53.23
		For Stainless Steel, Add	*470.28*	
		For Parallel Blade Damper, Add	*156.76*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	597.49	57.61
		For Stainless Steel, Add	*509.40*	
		For Parallel Blade Damper, Add	*169.80*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	676.12	62.01
		For Stainless Steel, Add	*587.80*	
		For Parallel Blade Damper, Add	*195.93*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	748.23	66.53
		For Stainless Steel, Add	*658.36*	
		For Parallel Blade Damper, Add	*219.45*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	826.78	70.92
		For Stainless Steel, Add	*736.64*	
		For Parallel Blade Damper, Add	*245.55*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	892.23	73.05
		For Stainless Steel, Add	*807.19*	
		For Parallel Blade Damper, Add	*269.06*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	957.68	75.32
		For Stainless Steel, Add	*877.75*	
		For Parallel Blade Damper, Add	*292.58*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,023.12	77.58
		For Stainless Steel, Add	*948.30*	
		For Parallel Blade Damper, Add	*316.10*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	380.73	35.40
		For Stainless Steel, Add	*329.12*	
		For Parallel Blade Damper, Add	*109.71*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	413.57	37.66
		For Stainless Steel, Add	*360.55*	
		For Parallel Blade Damper, Add	*120.18*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.76	39.92
		For Stainless Steel, Add	*368.40*	
		For Parallel Blade Damper, Add	*122.80*	

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23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.64	44.32
		For Stainless Steel, Add	*391.88*	
		For Parallel Blade Damper, Add	*130.63*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	499.06	48.70
		For Stainless Steel, Add	*423.22*	
		For Parallel Blade Damper, Add	*141.07*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	538.52	53.23
		For Stainless Steel, Add	*454.60*	
		For Parallel Blade Damper, Add	*151.53*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	591.00	57.61
		For Stainless Steel, Add	*501.61*	
		For Parallel Blade Damper, Add	*167.20*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	643.43	62.01
		For Stainless Steel, Add	*548.57*	
		For Parallel Blade Damper, Add	*182.86*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	715.54	66.53
		For Stainless Steel, Add	*619.13*	
		For Parallel Blade Damper, Add	*206.38*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	800.67	70.92
		For Stainless Steel, Add	*705.31*	
		For Parallel Blade Damper, Add	*235.10*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	866.17	73.05
		For Stainless Steel, Add	*775.92*	
		For Parallel Blade Damper, Add	*258.64*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	951.14	75.32
		For Stainless Steel, Add	*869.90*	
		For Parallel Blade Damper, Add	*289.97*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,023.24	79.71
		For Stainless Steel, Add	*940.45*	
		For Parallel Blade Damper, Add	*313.48*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,108.25	81.97
		For Stainless Steel, Add	*1,034.48*	
		For Parallel Blade Damper, Add	*344.83*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,180.47	88.62
		For Stainless Steel, Add	*1,097.20*	
		For Parallel Blade Damper, Add	*365.73*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	407.04	37.66
		For Stainless Steel, Add	*352.72*	
		For Parallel Blade Damper, Add	*117.57*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	439.79	39.92
		For Stainless Steel, Add	*384.04*	
		For Parallel Blade Damper, Add	*128.01*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.21	44.32
		For Stainless Steel, Add	*415.37*	
		For Parallel Blade Damper, Add	*138.46*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	499.06	48.70
		For Stainless Steel, Add	*423.22*	
		For Parallel Blade Damper, Add	*141.07*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	541.78	53.23
		For Stainless Steel, Add	*458.51*	
		For Parallel Blade Damper, Add	*152.84*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	584.46	57.61
		For Stainless Steel, Add	*493.76*	
		For Parallel Blade Damper, Add	*164.59*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	636.94	62.01
		For Stainless Steel, Add	*540.78*	
		For Parallel Blade Damper, Add	*180.26*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	689.43	66.53
		For Stainless Steel, Add	*587.80*	
		For Parallel Blade Damper, Add	*195.93*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	761.54	70.92
		For Stainless Steel, Add	*658.36*	
		For Parallel Blade Damper, Add	*219.45*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	853.16	75.32
		For Stainless Steel, Add	*752.33*	
		For Parallel Blade Damper, Add	*250.78*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	925.10	77.58
		For Stainless Steel, Add	*830.68*	
		For Parallel Blade Damper, Add	*276.89*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,016.70	79.71
		For Stainless Steel, Add	*932.60*	
		For Parallel Blade Damper, Add	*310.87*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,108.33	84.23
		For Stainless Steel, Add	*1,026.59*	
		For Parallel Blade Damper, Add	*342.20*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,180.47	88.62
		For Stainless Steel, Add	*1,097.20*	
		For Parallel Blade Damper, Add	*365.73*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,278.79	95.28
		For Stainless Steel, Add	*1,191.23*	
		For Parallel Blade Damper, Add	*397.08*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,357.42	99.67
		For Stainless Steel, Add	*1,269.62*	
		For Parallel Blade Damper, Add	*423.21*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.76	39.92
		For Stainless Steel, Add	*368.40*	
		For Parallel Blade Damper, Add	*122.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	472.67	44.32
		For Stainless Steel, Add	*407.52*	
		For Parallel Blade Damper, Add	*135.84*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	505.59	48.70
		For Stainless Steel, Add	*431.05*	
		For Parallel Blade Damper, Add	*143.68*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	525.40	53.23
		For Stainless Steel, Add	*438.85*	
		For Parallel Blade Damper, Add	*146.28*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	574.65	57.61
		For Stainless Steel, Add	*481.99*	
		For Parallel Blade Damper, Add	*160.66*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	623.86	62.01
		For Stainless Steel, Add	*525.08*	
		For Parallel Blade Damper, Add	*175.03*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	673.09	66.53
		For Stainless Steel, Add	*568.19*	
		For Parallel Blade Damper, Add	*189.40*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	722.31	70.92
		For Stainless Steel, Add	*611.28*	
		For Parallel Blade Damper, Add	*203.76*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	813.98	75.32
		For Stainless Steel, Add	*705.31*	
		For Parallel Blade Damper, Add	*235.10*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	899.04	77.58
		For Stainless Steel, Add	*799.40*	
		For Parallel Blade Damper, Add	*266.47*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	977.52	79.71
		For Stainless Steel, Add	*885.59*	
		For Parallel Blade Damper, Add	*295.20*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,082.27	84.23
		For Stainless Steel, Add	*995.32*	
		For Parallel Blade Damper, Add	*331.77*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,173.93	88.62
		For Stainless Steel, Add	*1,089.35*	
		For Parallel Blade Damper, Add	*363.12*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,272.14	93.02
		For Stainless Steel, Add	*1,191.23*	
		For Parallel Blade Damper, Add	*397.08*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,350.77	97.54
		For Stainless Steel, Add	*1,269.62*	
		For Parallel Blade Damper, Add	*423.21*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,448.98	101.93
		For Stainless Steel, Add	*1,371.50*	
		For Parallel Blade Damper, Add	*457.17*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,547.19	106.32
		For Stainless Steel, Add	*1,473.38*	
		For Parallel Blade Damper, Add	*491.13*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.64	44.32
		For Stainless Steel, Add	*391.88*	
		For Parallel Blade Damper, Add	*130.63*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	505.59	48.70
		For Stainless Steel, Add	*431.05*	
		For Parallel Blade Damper, Add	*143.68*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	531.93	53.23
		For Stainless Steel, Add	*446.69*	
		For Parallel Blade Damper, Add	*148.90*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	551.82	57.61
		For Stainless Steel, Add	*454.60*	
		For Parallel Blade Damper, Add	*151.53*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	604.30	62.01
		For Stainless Steel, Add	*501.61*	
		For Parallel Blade Damper, Add	*167.20*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	656.74	66.53
		For Stainless Steel, Add	*548.57*	
		For Parallel Blade Damper, Add	*182.86*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	712.50	70.92
		For Stainless Steel, Add	*599.51*	
		For Parallel Blade Damper, Add	*199.84*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	768.26	75.32
		For Stainless Steel, Add	*650.45*	
		For Parallel Blade Damper, Add	*216.82*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	859.81	77.58
		For Stainless Steel, Add	*752.33*	
		For Parallel Blade Damper, Add	*250.78*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	944.83	79.71
		For Stainless Steel, Add	*846.36*	
		For Parallel Blade Damper, Add	*282.12*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,043.09	84.23
		For Stainless Steel, Add	*948.30*	
		For Parallel Blade Damper, Add	*316.10*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,141.29	88.62
		For Stainless Steel, Add	*1,050.18*	
		For Parallel Blade Damper, Add	*350.06*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,219.89	93.02
		For Stainless Steel, Add	*1,128.53*	
		For Parallel Blade Damper, Add	*376.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,337.65	97.54
		For Stainless Steel, Add	*1,253.88*	
		For Parallel Blade Damper, Add	*417.96*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,442.40	101.93
		For Stainless Steel, Add	*1,363.61*	
		For Parallel Blade Damper, Add	*454.54*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,547.19	106.32
		For Stainless Steel, Add	*1,473.38*	
		For Parallel Blade Damper, Add	*491.13*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,638.78	110.85
		For Stainless Steel, Add	*1,567.32*	
		For Parallel Blade Damper, Add	*522.44*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,730.53	115.24
		For Stainless Steel, Add	*1,661.46*	
		For Parallel Blade Damper, Add	*553.82*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	149.28	14.37
		For Smoke Damper, Add	*90.13*	
		For Spring Activated Horizontal Mount Operation, Add	*23.86*	
		For Dynamic Damper, Add	*57.26*	
		For 3 Hour Rated, Add	*31.81*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	207.12	14.37
		For Smoke Damper, Add	*139.29*	
		For Spring Activated Horizontal Mount Operation, Add	*36.87*	
		For Dynamic Damper, Add	*88.49*	
		For 3 Hour Rated, Add	*49.16*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.38	14.77
		For Spring Activated Horizontal Mount Operation, Add	*7.21*	
		For Dynamic Damper, Add	*17.31*	
		For 3 Hour Rated, Add	*9.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.02*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.65	15.44
		For Spring Activated Horizontal Mount Operation, Add	*7.73*	
		For Dynamic Damper, Add	*18.54*	
		For 3 Hour Rated, Add	*10.30*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.59*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.21	15.57
		For Spring Activated Horizontal Mount Operation, Add	*8.24*	
		For Dynamic Damper, Add	*19.78*	
		For 3 Hour Rated, Add	*10.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.16*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.21	15.57
		For Spring Activated Horizontal Mount Operation, Add	*8.24*	
		For Dynamic Damper, Add	*19.78*	
		For 3 Hour Rated, Add	*10.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.16*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.84	15.97
		For Spring Activated Horizontal Mount Operation, Add	*8.76*	
		For Dynamic Damper, Add	*21.02*	
		For 3 Hour Rated, Add	*11.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.73*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.73	17.70
		For Spring Activated Horizontal Mount Operation, Add	*9.79*	
		For Dynamic Damper, Add	*23.49*	
		For 3 Hour Rated, Add	*13.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.88*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.84	15.97
		For Spring Activated Horizontal Mount Operation, Add	*8.76*	
		For Dynamic Damper, Add	*21.02*	
		For 3 Hour Rated, Add	*11.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.73*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.07	16.90
		For Spring Activated Horizontal Mount Operation, Add	*9.79*	
		For Dynamic Damper, Add	*23.49*	
		For 3 Hour Rated, Add	*13.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.88*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.02	17.70
		For Spring Activated Horizontal Mount Operation, Add	*10.30*	
		For Dynamic Damper, Add	*24.73*	
		For 3 Hour Rated, Add	*13.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.45*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.97	19.96
		For Spring Activated Horizontal Mount Operation, Add	*10.82*	
		For Dynamic Damper, Add	*25.97*	
		For 3 Hour Rated, Add	*14.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.93	16.90
		For Spring Activated Horizontal Mount Operation, Add	*9.53*	
		For Dynamic Damper, Add	*22.87*	
		For 3 Hour Rated, Add	*12.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.59*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.02	17.70
		For Spring Activated Horizontal Mount Operation, Add	*10.30*	
		For Dynamic Damper, Add	*24.73*	
		For 3 Hour Rated, Add	*13.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.45*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.98	18.63
		For Spring Activated Horizontal Mount Operation, Add	*10.82*	
		For Dynamic Damper, Add	*25.97*	
		For 3 Hour Rated, Add	*14.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.02*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.26	19.96
		For Spring Activated Horizontal Mount Operation, Add	*11.34*	
		For Dynamic Damper, Add	*27.21*	
		For 3 Hour Rated, Add	*15.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.60*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.64	22.22
		For Spring Activated Horizontal Mount Operation, Add	*12.62*	
		For Dynamic Damper, Add	*30.30*	
		For 3 Hour Rated, Add	*16.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.03*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.02	17.70
		For Spring Activated Horizontal Mount Operation, Add	*10.30*	
		For Dynamic Damper, Add	*24.73*	
		For 3 Hour Rated, Add	*13.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.45*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.31	19.03
		For Spring Activated Horizontal Mount Operation, Add	*10.82*	
		For Dynamic Damper, Add	*25.97*	
		For 3 Hour Rated, Add	*14.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.02*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.92	20.90
		For Spring Activated Horizontal Mount Operation, Add	*11.34*	
		For Dynamic Damper, Add	*27.21*	
		For 3 Hour Rated, Add	*15.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.60*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.19	22.22
		For Spring Activated Horizontal Mount Operation, Add	*11.85*	
		For Dynamic Damper, Add	*28.44*	
		For 3 Hour Rated, Add	*15.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.17*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.59	24.35
		For Spring Activated Horizontal Mount Operation, Add	*13.14*	
		For Dynamic Damper, Add	*31.54*	
		For 3 Hour Rated, Add	*17.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.60*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.97	26.62
		For Spring Activated Horizontal Mount Operation, Add	*14.43*	
		For Dynamic Damper, Add	*34.63*	
		For 3 Hour Rated, Add	*19.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.03*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.98	18.63
		For Spring Activated Horizontal Mount Operation, Add	*10.82*	
		For Dynamic Damper, Add	*25.97*	
		For 3 Hour Rated, Add	*14.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.02*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.40	19.96
		For Spring Activated Horizontal Mount Operation, Add	*11.59*	
		For Dynamic Damper, Add	*27.82*	
		For 3 Hour Rated, Add	*15.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.88*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.50	22.22
		For Spring Activated Horizontal Mount Operation, Add	*12.37*	
		For Dynamic Damper, Add	*29.68*	
		For 3 Hour Rated, Add	*16.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.74*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.88	24.35
		For Spring Activated Horizontal Mount Operation, Add	*13.66*	
		For Dynamic Damper, Add	*32.77*	
		For 3 Hour Rated, Add	*18.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.17*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.10	26.62
		For Spring Activated Horizontal Mount Operation, Add	*14.68*	
		For Dynamic Damper, Add	*35.24*	
		For 3 Hour Rated, Add	*19.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.32*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.48	28.75
		For Spring Activated Horizontal Mount Operation, Add	*15.97*	
		For Dynamic Damper, Add	*38.33*	
		For 3 Hour Rated, Add	*21.30*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.57	31.01
		For Spring Activated Horizontal Mount Operation, Add	*16.74*	
		For Dynamic Damper, Add	*40.19*	
		For 3 Hour Rated, Add	*22.33*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.61*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.26	19.96
		For Spring Activated Horizontal Mount Operation, Add	*11.34*	
		For Dynamic Damper, Add	*27.21*	
		For 3 Hour Rated, Add	*15.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.60*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.48	22.22
		For Spring Activated Horizontal Mount Operation, Add	*12.36*	
		For Dynamic Damper, Add	*29.67*	
		For 3 Hour Rated, Add	*16.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.74*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.73	24.35
		For Spring Activated Horizontal Mount Operation, Add	*13.40*	
		For Dynamic Damper, Add	*32.15*	
		For 3 Hour Rated, Add	*17.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.89*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.55	26.62
		For Spring Activated Horizontal Mount Operation, Add	*15.46*	
		For Dynamic Damper, Add	*37.10*	
		For 3 Hour Rated, Add	*20.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.18*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.64	28.75
		For Spring Activated Horizontal Mount Operation, Add	*16.23*	
		For Dynamic Damper, Add	*38.96*	
		For 3 Hour Rated, Add	*21.65*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.04*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.73	31.01
		For Spring Activated Horizontal Mount Operation, Add	*17.01*	
		For Dynamic Damper, Add	*40.81*	
		For 3 Hour Rated, Add	*22.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.90*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.95	33.27
		For Spring Activated Horizontal Mount Operation, Add	*18.03*	
		For Dynamic Damper, Add	*43.28*	
		For 3 Hour Rated, Add	*24.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.04*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.18	35.40
		For Spring Activated Horizontal Mount Operation, Add	*19.06*	
		For Dynamic Damper, Add	*45.75*	
		For 3 Hour Rated, Add	*25.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.18*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.77	22.22
		For Spring Activated Horizontal Mount Operation, Add	*12.88*	
		For Dynamic Damper, Add	*30.91*	
		For 3 Hour Rated, Add	*17.17*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.31*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.32	24.35
		For Spring Activated Horizontal Mount Operation, Add	*14.43*	
		For Dynamic Damper, Add	*34.63*	
		For 3 Hour Rated, Add	*19.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.03*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.55	26.62
		For Spring Activated Horizontal Mount Operation, Add	*15.46*	
		For Dynamic Damper, Add	*37.10*	
		For 3 Hour Rated, Add	*20.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.18*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.07	28.75
		For Spring Activated Horizontal Mount Operation, Add	*17.01*	
		For Dynamic Damper, Add	*40.81*	
		For 3 Hour Rated, Add	*22.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.90*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.16	31.01
		For Spring Activated Horizontal Mount Operation, Add	*17.78*	
		For Dynamic Damper, Add	*42.67*	
		For 3 Hour Rated, Add	*23.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.75*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.24	33.27
		For Spring Activated Horizontal Mount Operation, Add	*18.55*	
		For Dynamic Damper, Add	*44.52*	
		For 3 Hour Rated, Add	*24.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.61*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.77	35.40
		For Spring Activated Horizontal Mount Operation, Add	*20.09*	
		For Dynamic Damper, Add	*48.23*	
		For 3 Hour Rated, Add	*26.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.33*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.93	39.92
		For Spring Activated Horizontal Mount Operation, Add	*21.64*	
		For Dynamic Damper, Add	*51.93*	
		For 3 Hour Rated, Add	*28.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.42	44.32
		For Spring Activated Horizontal Mount Operation, Add	*23.70*	
		For Dynamic Damper, Add	*56.89*	
		For 3 Hour Rated, Add	*31.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.34*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.32	24.35
		For Spring Activated Horizontal Mount Operation, Add	*14.43*	
		For Dynamic Damper, Add	*34.63*	
		For 3 Hour Rated, Add	*19.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.03*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.55	26.62
		For Spring Activated Horizontal Mount Operation, Add	*15.46*	
		For Dynamic Damper, Add	*37.10*	
		For 3 Hour Rated, Add	*20.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.18*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.07	28.75
		For Spring Activated Horizontal Mount Operation, Add	*17.01*	
		For Dynamic Damper, Add	*40.81*	
		For 3 Hour Rated, Add	*22.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.90*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.30	31.01
		For Spring Activated Horizontal Mount Operation, Add	*18.03*	
		For Dynamic Damper, Add	*43.28*	
		For 3 Hour Rated, Add	*24.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.04*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.67	33.27
		For Spring Activated Horizontal Mount Operation, Add	*19.32*	
		For Dynamic Damper, Add	*46.37*	
		For 3 Hour Rated, Add	*25.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.47*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.04	35.40
		For Spring Activated Horizontal Mount Operation, Add	*20.61*	
		For Dynamic Damper, Add	*49.45*	
		For 3 Hour Rated, Add	*27.47*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.90*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.22	39.92
		For Spring Activated Horizontal Mount Operation, Add	*22.15*	
		For Dynamic Damper, Add	*53.17*	
		For 3 Hour Rated, Add	*29.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.62*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.42	44.32
		For Spring Activated Horizontal Mount Operation, Add	*23.70*	
		For Dynamic Damper, Add	*56.89*	
		For 3 Hour Rated, Add	*31.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.34*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.80	46.58
		For Spring Activated Horizontal Mount Operation, Add	*26.79*	
		For Dynamic Damper, Add	*64.30*	
		For 3 Hour Rated, Add	*35.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.77*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.56	50.97
		For Spring Activated Horizontal Mount Operation, Add	*29.37*	
		For Dynamic Damper, Add	*70.49*	
		For 3 Hour Rated, Add	*39.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.63*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.42	26.62
		For Spring Activated Horizontal Mount Operation, Add	*17.01*	
		For Dynamic Damper, Add	*40.81*	
		For 3 Hour Rated, Add	*22.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.90*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.34	28.75
		For Spring Activated Horizontal Mount Operation, Add	*17.52*	
		For Dynamic Damper, Add	*42.04*	
		For 3 Hour Rated, Add	*23.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.46*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.30	31.01
		For Spring Activated Horizontal Mount Operation, Add	*18.03*	
		For Dynamic Damper, Add	*43.28*	
		For 3 Hour Rated, Add	*24.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.04*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.52	33.27
		For Spring Activated Horizontal Mount Operation, Add	*19.06*	
		For Dynamic Damper, Add	*45.75*	
		For 3 Hour Rated, Add	*25.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.18*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.48	35.40
		For Spring Activated Horizontal Mount Operation, Add	*20.70*	
		For Dynamic Damper, Add	*49.69*	
		For 3 Hour Rated, Add	*27.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.01*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.22	39.92
		For Spring Activated Horizontal Mount Operation, Add	*22.15*	
		For Dynamic Damper, Add	*53.17*	
		For 3 Hour Rated, Add	*29.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.71	44.32
		For Spring Activated Horizontal Mount Operation, Add	*24.22*	
		For Dynamic Damper, Add	*58.13*	
		For 3 Hour Rated, Add	*32.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.91*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.18	48.70
		For Spring Activated Horizontal Mount Operation, Add	*26.28*	
		For Dynamic Damper, Add	*63.07*	
		For 3 Hour Rated, Add	*35.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.20*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.56	50.97
		For Spring Activated Horizontal Mount Operation, Add	*29.37*	
		For Dynamic Damper, Add	*70.49*	
		For 3 Hour Rated, Add	*39.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.63*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.25	54.56
		For Spring Activated Horizontal Mount Operation, Add	*32.98*	
		For Dynamic Damper, Add	*79.15*	
		For 3 Hour Rated, Add	*43.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.64*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.87	57.61
		For Spring Activated Horizontal Mount Operation, Add	*37.10*	
		For Dynamic Damper, Add	*89.04*	
		For 3 Hour Rated, Add	*49.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.22*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.93	28.75
		For Spring Activated Horizontal Mount Operation, Add	*18.55*	
		For Dynamic Damper, Add	*44.52*	
		For 3 Hour Rated, Add	*24.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.61*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.16	31.01
		For Spring Activated Horizontal Mount Operation, Add	*19.58*	
		For Dynamic Damper, Add	*46.99*	
		For 3 Hour Rated, Add	*26.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.75*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.38	33.27
		For Spring Activated Horizontal Mount Operation, Add	*20.61*	
		For Dynamic Damper, Add	*49.45*	
		For 3 Hour Rated, Add	*27.47*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.90*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.92	35.40
		For Spring Activated Horizontal Mount Operation, Add	*22.15*	
		For Dynamic Damper, Add	*53.17*	
		For 3 Hour Rated, Add	*29.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.62*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.67	39.92
		For Spring Activated Horizontal Mount Operation, Add	*22.93*	
		For Dynamic Damper, Add	*55.03*	
		For 3 Hour Rated, Add	*30.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.48*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.77	42.05
		For Spring Activated Horizontal Mount Operation, Add	*23.70*	
		For Dynamic Damper, Add	*56.89*	
		For 3 Hour Rated, Add	*31.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.34*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.18	48.70
		For Spring Activated Horizontal Mount Operation, Add	*26.28*	
		For Dynamic Damper, Add	*63.07*	
		For 3 Hour Rated, Add	*35.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.20*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.92	53.23
		For Spring Activated Horizontal Mount Operation, Add	*28.85*	
		For Dynamic Damper, Add	*69.24*	
		For 3 Hour Rated, Add	*38.47*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.06*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.13	54.96
		For Spring Activated Horizontal Mount Operation, Add	*18.25*	
		For Dynamic Damper, Add	*43.81*	
		For 3 Hour Rated, Add	*24.34*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.28*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.28	58.95
		For Spring Activated Horizontal Mount Operation, Add	*36.07*	
		For Dynamic Damper, Add	*86.56*	
		For 3 Hour Rated, Add	*48.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.08*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.61	62.01
		For Spring Activated Horizontal Mount Operation, Add	*39.67*	
		For Dynamic Damper, Add	*95.21*	
		For 3 Hour Rated, Add	*52.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.08*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.58	64.27
		For Spring Activated Horizontal Mount Operation, Add	*43.79*	
		For Dynamic Damper, Add	*105.10*	
		For 3 Hour Rated, Add	*58.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.87	33.27
		For Spring Activated Horizontal Mount Operation, Add	*19.06*	
		For Dynamic Damper, Add	*45.75*	
		For 3 Hour Rated, Add	*25.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.18*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.68	35.40
		For Spring Activated Horizontal Mount Operation, Add	*21.12*	
		For Dynamic Damper, Add	*50.70*	
		For 3 Hour Rated, Add	*28.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.47*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.63	37.66
		For Spring Activated Horizontal Mount Operation, Add	*21.64*	
		For Dynamic Damper, Add	*51.93*	
		For 3 Hour Rated, Add	*28.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.04*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.57	39.92
		For Spring Activated Horizontal Mount Operation, Add	*22.15*	
		For Dynamic Damper, Add	*53.17*	
		For 3 Hour Rated, Add	*29.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.62*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.90	42.05
		For Spring Activated Horizontal Mount Operation, Add	*23.96*	
		For Dynamic Damper, Add	*57.50*	
		For 3 Hour Rated, Add	*31.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.62*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.57	44.32
		For Spring Activated Horizontal Mount Operation, Add	*25.76*	
		For Dynamic Damper, Add	*61.83*	
		For 3 Hour Rated, Add	*34.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.63*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.69	50.97
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.78*	
		For 3 Hour Rated, Add	*37.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.92*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.16	55.35
		For Spring Activated Horizontal Mount Operation, Add	*29.88*	
		For Dynamic Damper, Add	*71.72*	
		For 3 Hour Rated, Add	*39.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.21*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.55	58.95
		For Spring Activated Horizontal Mount Operation, Add	*32.98*	
		For Dynamic Damper, Add	*79.15*	
		For 3 Hour Rated, Add	*43.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.64*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	358.04	62.01
		For Spring Activated Horizontal Mount Operation, Add	*38.64*	
		For Dynamic Damper, Add	*92.75*	
		For 3 Hour Rated, Add	*51.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.94*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.43	65.61
		For Spring Activated Horizontal Mount Operation, Add	*41.73*	
		For Dynamic Damper, Add	*100.16*	
		For 3 Hour Rated, Add	*55.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.37*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.94	67.33
		For Spring Activated Horizontal Mount Operation, Add	*47.40*	
		For Dynamic Damper, Add	*113.76*	
		For 3 Hour Rated, Add	*63.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.67*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.49	70.92
		For Spring Activated Horizontal Mount Operation, Add	*52.56*	
		For Dynamic Damper, Add	*126.13*	
		For 3 Hour Rated, Add	*70.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.40*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.11	33.27
		For Spring Activated Horizontal Mount Operation, Add	*20.09*	
		For Dynamic Damper, Add	*48.23*	
		For 3 Hour Rated, Add	*26.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.33*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.92	35.40
		For Spring Activated Horizontal Mount Operation, Add	*22.15*	
		For Dynamic Damper, Add	*53.17*	
		For 3 Hour Rated, Add	*29.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.62*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.46	37.66
		For Spring Activated Horizontal Mount Operation, Add	*23.70*	
		For Dynamic Damper, Add	*56.89*	
		For 3 Hour Rated, Add	*31.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.34*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.40	39.92
		For Spring Activated Horizontal Mount Operation, Add	*24.22*	
		For Dynamic Damper, Add	*58.13*	
		For 3 Hour Rated, Add	*32.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.22	42.05
		For Spring Activated Horizontal Mount Operation, Add	*26.28*	
		For Dynamic Damper, Add	*63.07*	
		For 3 Hour Rated, Add	*35.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.20*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.03	44.32
		For Spring Activated Horizontal Mount Operation, Add	*28.34*	
		For Dynamic Damper, Add	*68.02*	
		For 3 Hour Rated, Add	*37.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.49*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.10	53.23
		For Spring Activated Horizontal Mount Operation, Add	*30.92*	
		For Dynamic Damper, Add	*74.20*	
		For 3 Hour Rated, Add	*41.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.35*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.83	57.61
		For Spring Activated Horizontal Mount Operation, Add	*33.49*	
		For Dynamic Damper, Add	*80.37*	
		For 3 Hour Rated, Add	*44.65*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.21*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	358.04	62.01
		For Spring Activated Horizontal Mount Operation, Add	*38.64*	
		For Dynamic Damper, Add	*92.75*	
		For 3 Hour Rated, Add	*51.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.94*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.96	66.53
		For Spring Activated Horizontal Mount Operation, Add	*43.28*	
		For Dynamic Damper, Add	*103.87*	
		For 3 Hour Rated, Add	*57.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.09*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.16	70.92
		For Spring Activated Horizontal Mount Operation, Add	*48.43*	
		For Dynamic Damper, Add	*116.24*	
		For 3 Hour Rated, Add	*64.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.81*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	455.43	73.05
		For Spring Activated Horizontal Mount Operation, Add	*53.07*	
		For Dynamic Damper, Add	*127.36*	
		For 3 Hour Rated, Add	*70.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.97*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.69	75.32
		For Spring Activated Horizontal Mount Operation, Add	*57.71*	
		For Dynamic Damper, Add	*138.49*	
		For 3 Hour Rated, Add	*76.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*64.12*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.96	77.58
		For Spring Activated Horizontal Mount Operation, Add	*62.35*	
		For Dynamic Damper, Add	*149.63*	
		For 3 Hour Rated, Add	*83.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*69.27*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.63	35.40
		For Spring Activated Horizontal Mount Operation, Add	*21.64*	
		For Dynamic Damper, Add	*51.93*	
		For 3 Hour Rated, Add	*28.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.04*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.46	37.66
		For Spring Activated Horizontal Mount Operation, Add	*23.70*	
		For Dynamic Damper, Add	*56.89*	
		For 3 Hour Rated, Add	*31.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.34*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.40	39.92
		For Spring Activated Horizontal Mount Operation, Add	*24.22*	
		For Dynamic Damper, Add	*58.13*	
		For 3 Hour Rated, Add	*32.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.91*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.57	44.32
		For Spring Activated Horizontal Mount Operation, Add	*25.76*	
		For Dynamic Damper, Add	*61.83*	
		For 3 Hour Rated, Add	*34.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.63*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.04	48.70
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.78*	
		For 3 Hour Rated, Add	*37.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.92*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.51	53.23
		For Spring Activated Horizontal Mount Operation, Add	*29.88*	
		For Dynamic Damper, Add	*71.72*	
		For 3 Hour Rated, Add	*39.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.21*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.56	57.61
		For Spring Activated Horizontal Mount Operation, Add	*32.98*	
		For Dynamic Damper, Add	*79.15*	
		For 3 Hour Rated, Add	*43.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.59	62.01
		For Spring Activated Horizontal Mount Operation, Add	*36.07*	
		For Dynamic Damper, Add	*86.56*	
		For 3 Hour Rated, Add	*48.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.08*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	380.51	66.53
		For Spring Activated Horizontal Mount Operation, Add	*40.70*	
		For Dynamic Damper, Add	*97.69*	
		For 3 Hour Rated, Add	*54.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.23*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.00	70.92
		For Spring Activated Horizontal Mount Operation, Add	*46.37*	
		For Dynamic Damper, Add	*111.29*	
		For 3 Hour Rated, Add	*61.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.52*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.28	73.05
		For Spring Activated Horizontal Mount Operation, Add	*51.01*	
		For Dynamic Damper, Add	*122.42*	
		For 3 Hour Rated, Add	*68.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*56.68*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.39	75.32
		For Spring Activated Horizontal Mount Operation, Add	*57.19*	
		For Dynamic Damper, Add	*137.25*	
		For 3 Hour Rated, Add	*76.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*63.54*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.33	79.71
		For Spring Activated Horizontal Mount Operation, Add	*61.83*	
		For Dynamic Damper, Add	*148.39*	
		For 3 Hour Rated, Add	*82.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*68.70*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.45	81.97
		For Spring Activated Horizontal Mount Operation, Add	*68.01*	
		For Dynamic Damper, Add	*163.23*	
		For 3 Hour Rated, Add	*90.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*75.57*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	586.73	88.62
		For Spring Activated Horizontal Mount Operation, Add	*72.13*	
		For Dynamic Damper, Add	*173.12*	
		For 3 Hour Rated, Add	*96.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*80.15*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.16	37.66
		For Spring Activated Horizontal Mount Operation, Add	*23.19*	
		For Dynamic Damper, Add	*55.65*	
		For 3 Hour Rated, Add	*30.92*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.76*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.97	39.92
		For Spring Activated Horizontal Mount Operation, Add	*25.25*	
		For Dynamic Damper, Add	*60.59*	
		For 3 Hour Rated, Add	*33.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.05*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.44	44.32
		For Spring Activated Horizontal Mount Operation, Add	*27.31*	
		For Dynamic Damper, Add	*65.54*	
		For 3 Hour Rated, Add	*36.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.34*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.04	48.70
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.78*	
		For 3 Hour Rated, Add	*37.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.92*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.67	53.23
		For Spring Activated Horizontal Mount Operation, Add	*30.15*	
		For Dynamic Damper, Add	*72.35*	
		For 3 Hour Rated, Add	*40.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.50*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.26	57.61
		For Spring Activated Horizontal Mount Operation, Add	*32.46*	
		For Dynamic Damper, Add	*77.91*	
		For 3 Hour Rated, Add	*43.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.07*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.31	62.01
		For Spring Activated Horizontal Mount Operation, Add	*35.55*	
		For Dynamic Damper, Add	*85.33*	
		For 3 Hour Rated, Add	*47.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.51*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.35	66.53
		For Spring Activated Horizontal Mount Operation, Add	*38.64*	
		For Dynamic Damper, Add	*92.75*	
		For 3 Hour Rated, Add	*51.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.94*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.27	70.92
		For Spring Activated Horizontal Mount Operation, Add	*43.28*	
		For Dynamic Damper, Add	*103.87*	
		For 3 Hour Rated, Add	*57.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.05	75.32
		For Spring Activated Horizontal Mount Operation, Add	*49.46*	
		For Dynamic Damper, Add	*118.71*	
		For 3 Hour Rated, Add	*65.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.96*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.59	77.58
		For Spring Activated Horizontal Mount Operation, Add	*54.61*	
		For Dynamic Damper, Add	*131.07*	
		For 3 Hour Rated, Add	*72.82*	
		For Cap Of Damper Blades Outside Air Stream, Add	*60.68*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.04	79.71
		For Spring Activated Horizontal Mount Operation, Add	*61.31*	
		For Dynamic Damper, Add	*147.16*	
		For 3 Hour Rated, Add	*81.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*68.13*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	552.80	84.23
		For Spring Activated Horizontal Mount Operation, Add	*67.49*	
		For Dynamic Damper, Add	*161.98*	
		For 3 Hour Rated, Add	*89.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.99*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	586.73	88.62
		For Spring Activated Horizontal Mount Operation, Add	*72.13*	
		For Dynamic Damper, Add	*173.12*	
		For 3 Hour Rated, Add	*96.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*80.15*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	634.17	95.28
		For Spring Activated Horizontal Mount Operation, Add	*78.32*	
		For Dynamic Damper, Add	*187.96*	
		For 3 Hour Rated, Add	*104.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*87.02*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	670.37	99.67
		For Spring Activated Horizontal Mount Operation, Add	*83.47*	
		For Dynamic Damper, Add	*200.32*	
		For 3 Hour Rated, Add	*111.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*92.74*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.40	39.92
		For Spring Activated Horizontal Mount Operation, Add	*24.22*	
		For Dynamic Damper, Add	*58.13*	
		For 3 Hour Rated, Add	*32.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.91*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.14	44.32
		For Spring Activated Horizontal Mount Operation, Add	*26.79*	
		For Dynamic Damper, Add	*64.30*	
		For 3 Hour Rated, Add	*35.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.77*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.34	48.70
		For Spring Activated Horizontal Mount Operation, Add	*28.34*	
		For Dynamic Damper, Add	*68.02*	
		For 3 Hour Rated, Add	*37.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.49*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.92	53.23
		For Spring Activated Horizontal Mount Operation, Add	*28.85*	
		For Dynamic Damper, Add	*69.24*	
		For 3 Hour Rated, Add	*38.47*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.06*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.83	57.61
		For Spring Activated Horizontal Mount Operation, Add	*31.69*	
		For Dynamic Damper, Add	*76.05*	
		For 3 Hour Rated, Add	*42.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.21*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.72	62.01
		For Spring Activated Horizontal Mount Operation, Add	*34.52*	
		For Dynamic Damper, Add	*82.85*	
		For 3 Hour Rated, Add	*46.03*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.36*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.62	66.53
		For Spring Activated Horizontal Mount Operation, Add	*37.35*	
		For Dynamic Damper, Add	*89.65*	
		For 3 Hour Rated, Add	*49.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.51*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.52	70.92
		For Spring Activated Horizontal Mount Operation, Add	*40.19*	
		For Dynamic Damper, Add	*96.45*	
		For 3 Hour Rated, Add	*53.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.65*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.31	75.32
		For Spring Activated Horizontal Mount Operation, Add	*46.37*	
		For Dynamic Damper, Add	*111.29*	
		For 3 Hour Rated, Add	*61.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.52*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	466.45	77.58
		For Spring Activated Horizontal Mount Operation, Add	*52.56*	
		For Dynamic Damper, Add	*126.13*	
		For 3 Hour Rated, Add	*70.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	498.29	79.71
		For Spring Activated Horizontal Mount Operation, Add	*58.22*	
		For Dynamic Damper, Add	*139.73*	
		For 3 Hour Rated, Add	*77.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*64.69*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.66	84.23
		For Spring Activated Horizontal Mount Operation, Add	*65.43*	
		For Dynamic Damper, Add	*157.04*	
		For 3 Hour Rated, Add	*87.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.71*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	584.44	88.62
		For Spring Activated Horizontal Mount Operation, Add	*71.62*	
		For Dynamic Damper, Add	*171.88*	
		For 3 Hour Rated, Add	*95.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*79.58*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	627.52	93.02
		For Spring Activated Horizontal Mount Operation, Add	*78.32*	
		For Dynamic Damper, Add	*187.96*	
		For 3 Hour Rated, Add	*104.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*87.02*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.72	97.54
		For Spring Activated Horizontal Mount Operation, Add	*83.47*	
		For Dynamic Damper, Add	*200.32*	
		For 3 Hour Rated, Add	*111.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*92.74*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	706.80	101.93
		For Spring Activated Horizontal Mount Operation, Add	*90.17*	
		For Dynamic Damper, Add	*216.40*	
		For 3 Hour Rated, Add	*120.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*100.19*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	749.88	106.32
		For Spring Activated Horizontal Mount Operation, Add	*96.86*	
		For Dynamic Damper, Add	*232.48*	
		For 3 Hour Rated, Add	*129.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*107.63*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.57	44.32
		For Spring Activated Horizontal Mount Operation, Add	*25.76*	
		For Dynamic Damper, Add	*61.83*	
		For 3 Hour Rated, Add	*34.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.63*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.34	48.70
		For Spring Activated Horizontal Mount Operation, Add	*28.34*	
		For Dynamic Damper, Add	*68.02*	
		For 3 Hour Rated, Add	*37.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.49*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.22	53.23
		For Spring Activated Horizontal Mount Operation, Add	*29.37*	
		For Dynamic Damper, Add	*70.49*	
		For 3 Hour Rated, Add	*39.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.63*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.81	57.61
		For Spring Activated Horizontal Mount Operation, Add	*29.88*	
		For Dynamic Damper, Add	*71.72*	
		For 3 Hour Rated, Add	*39.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.21*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.86	62.01
		For Spring Activated Horizontal Mount Operation, Add	*32.98*	
		For Dynamic Damper, Add	*79.15*	
		For 3 Hour Rated, Add	*43.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.64*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.90	66.53
		For Spring Activated Horizontal Mount Operation, Add	*36.07*	
		For Dynamic Damper, Add	*86.56*	
		For 3 Hour Rated, Add	*48.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.08*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.09	70.92
		For Spring Activated Horizontal Mount Operation, Add	*39.42*	
		For Dynamic Damper, Add	*94.60*	
		For 3 Hour Rated, Add	*52.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.80*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.28	75.32
		For Spring Activated Horizontal Mount Operation, Add	*42.76*	
		For Dynamic Damper, Add	*102.63*	
		For 3 Hour Rated, Add	*57.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.52*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.70	77.58
		For Spring Activated Horizontal Mount Operation, Add	*49.46*	
		For Dynamic Damper, Add	*118.71*	
		For 3 Hour Rated, Add	*65.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.96*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.84	79.71
		For Spring Activated Horizontal Mount Operation, Add	*55.64*	
		For Dynamic Damper, Add	*133.55*	
		For 3 Hour Rated, Add	*74.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.93	84.23
		For Spring Activated Horizontal Mount Operation, Add	*62.35*	
		For Dynamic Damper, Add	*149.63*	
		For 3 Hour Rated, Add	*83.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*69.27*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.00	88.62
		For Spring Activated Horizontal Mount Operation, Add	*69.04*	
		For Dynamic Damper, Add	*165.70*	
		For 3 Hour Rated, Add	*92.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*76.72*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	609.20	93.02
		For Spring Activated Horizontal Mount Operation, Add	*74.19*	
		For Dynamic Damper, Add	*178.07*	
		For 3 Hour Rated, Add	*98.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*82.44*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	659.13	97.54
		For Spring Activated Horizontal Mount Operation, Add	*82.44*	
		For Dynamic Damper, Add	*197.85*	
		For 3 Hour Rated, Add	*109.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*91.60*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.51	101.93
		For Spring Activated Horizontal Mount Operation, Add	*89.65*	
		For Dynamic Damper, Add	*215.16*	
		For 3 Hour Rated, Add	*119.54*	
		For Cap Of Damper Blades Outside Air Stream, Add	*99.61*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	749.88	106.32
		For Spring Activated Horizontal Mount Operation, Add	*96.86*	
		For Dynamic Damper, Add	*232.48*	
		For 3 Hour Rated, Add	*129.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*107.63*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	790.65	110.85
		For Spring Activated Horizontal Mount Operation, Add	*103.04*	
		For Dynamic Damper, Add	*247.30*	
		For 3 Hour Rated, Add	*137.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*114.49*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	831.46	115.24
		For Spring Activated Horizontal Mount Operation, Add	*109.23*	
		For Dynamic Damper, Add	*262.16*	
		For 3 Hour Rated, Add	*145.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*121.37*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.67	14.77
		For Spring Activated Horizontal Mount Operation, Add	*14.93*	
		For Dynamic Damper, Add	*35.83*	
		For 3 Hour Rated, Add	*19.91*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.50	15.44
		For Spring Activated Horizontal Mount Operation, Add	*15.57*	
		For Dynamic Damper, Add	*37.36*	
		For 3 Hour Rated, Add	*20.76*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.64	15.57
		For Spring Activated Horizontal Mount Operation, Add	*16.21*	
		For Dynamic Damper, Add	*38.91*	
		For 3 Hour Rated, Add	*21.62*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.64	15.57
		For Spring Activated Horizontal Mount Operation, Add	*16.21*	
		For Dynamic Damper, Add	*38.91*	
		For 3 Hour Rated, Add	*21.62*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.84	15.97
		For Spring Activated Horizontal Mount Operation, Add	*16.86*	
		For Dynamic Damper, Add	*40.46*	
		For 3 Hour Rated, Add	*22.48*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.87	17.70
		For Spring Activated Horizontal Mount Operation, Add	*18.14*	
		For Dynamic Damper, Add	*43.55*	
		For 3 Hour Rated, Add	*24.19*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.84	15.97
		For Spring Activated Horizontal Mount Operation, Add	*16.86*	
		For Dynamic Damper, Add	*40.46*	
		For 3 Hour Rated, Add	*22.48*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.21	16.90
		For Spring Activated Horizontal Mount Operation, Add	*18.14*	
		For Dynamic Damper, Add	*43.55*	
		For 3 Hour Rated, Add	*24.19*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.74	17.70
		For Spring Activated Horizontal Mount Operation, Add	*18.79*	
		For Dynamic Damper, Add	*45.10*	
		For 3 Hour Rated, Add	*25.05*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.26	19.96
		For Spring Activated Horizontal Mount Operation, Add	*19.44*	
		For Dynamic Damper, Add	*46.65*	
		For 3 Hour Rated, Add	*25.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.79	16.90
		For Spring Activated Horizontal Mount Operation, Add	*17.82*	
		For Dynamic Damper, Add	*42.78*	
		For 3 Hour Rated, Add	*23.77*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.74	17.70
		For Spring Activated Horizontal Mount Operation, Add	*18.79*	
		For Dynamic Damper, Add	*45.10*	
		For 3 Hour Rated, Add	*25.05*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.27	18.63
		For Spring Activated Horizontal Mount Operation, Add	*19.44*	
		For Dynamic Damper, Add	*46.65*	
		For 3 Hour Rated, Add	*25.91*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.12	19.96
		For Spring Activated Horizontal Mount Operation, Add	*20.08*	
		For Dynamic Damper, Add	*48.19*	
		For 3 Hour Rated, Add	*26.77*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.93	22.22
		For Spring Activated Horizontal Mount Operation, Add	*21.69*	
		For Dynamic Damper, Add	*52.06*	
		For 3 Hour Rated, Add	*28.92*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.87	17.70
		For Spring Activated Horizontal Mount Operation, Add	*26.24*	
		For Dynamic Damper, Add	*62.99*	
		For 3 Hour Rated, Add	*34.99*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.07	19.03
		For Spring Activated Horizontal Mount Operation, Add	*26.97*	
		For Dynamic Damper, Add	*64.72*	
		For 3 Hour Rated, Add	*35.96*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.61	20.90
		For Spring Activated Horizontal Mount Operation, Add	*27.69*	
		For Dynamic Damper, Add	*66.46*	
		For 3 Hour Rated, Add	*36.92*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.78	22.22
		For Spring Activated Horizontal Mount Operation, Add	*28.41*	
		For Dynamic Damper, Add	*68.18*	
		For 3 Hour Rated, Add	*37.88*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.48	24.35
		For Spring Activated Horizontal Mount Operation, Add	*30.22*	
		For Dynamic Damper, Add	*72.52*	
		For 3 Hour Rated, Add	*40.29*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.15	26.62
		For Spring Activated Horizontal Mount Operation, Add	*32.02*	
		For Dynamic Damper, Add	*76.85*	
		For 3 Hour Rated, Add	*42.69*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.74	18.63
		For Spring Activated Horizontal Mount Operation, Add	*26.97*	
		For Dynamic Damper, Add	*64.72*	
		For 3 Hour Rated, Add	*35.96*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.54	19.96
		For Spring Activated Horizontal Mount Operation, Add	*28.05*	
		For Dynamic Damper, Add	*67.32*	
		For 3 Hour Rated, Add	*37.40*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.02	22.22
		For Spring Activated Horizontal Mount Operation, Add	*29.14*	
		For Dynamic Damper, Add	*69.92*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.69	24.35
		For Spring Activated Horizontal Mount Operation, Add	*30.94*	
		For Dynamic Damper, Add	*74.25*	
		For 3 Hour Rated, Add	*41.25*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.75	26.62
		For Spring Activated Horizontal Mount Operation, Add	*32.38*	
		For Dynamic Damper, Add	*77.71*	
		For 3 Hour Rated, Add	*43.17*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.42	28.75
		For Spring Activated Horizontal Mount Operation, Add	*34.18*	
		For Dynamic Damper, Add	*82.04*	
		For 3 Hour Rated, Add	*45.58*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.87	31.01
		For Spring Activated Horizontal Mount Operation, Add	*35.26*	
		For Dynamic Damper, Add	*84.63*	
		For 3 Hour Rated, Add	*47.02*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.95	19.96
		For Spring Activated Horizontal Mount Operation, Add	*27.69*	
		For Dynamic Damper, Add	*66.46*	
		For 3 Hour Rated, Add	*36.92*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.99	22.22
		For Spring Activated Horizontal Mount Operation, Add	*29.13*	
		For Dynamic Damper, Add	*69.91*	
		For 3 Hour Rated, Add	*38.84*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.08	24.35
		For Spring Activated Horizontal Mount Operation, Add	*30.58*	
		For Dynamic Damper, Add	*73.38*	
		For 3 Hour Rated, Add	*40.77*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.58	26.62
		For Spring Activated Horizontal Mount Operation, Add	*33.47*	
		For Dynamic Damper, Add	*80.32*	
		For 3 Hour Rated, Add	*44.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.03	28.75
		For Spring Activated Horizontal Mount Operation, Add	*34.55*	
		For Dynamic Damper, Add	*82.91*	
		For 3 Hour Rated, Add	*46.06*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.48	31.01
		For Spring Activated Horizontal Mount Operation, Add	*35.62*	
		For Dynamic Damper, Add	*85.50*	
		For 3 Hour Rated, Add	*47.50*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.54	33.27
		For Spring Activated Horizontal Mount Operation, Add	*37.07*	
		For Dynamic Damper, Add	*88.96*	
		For 3 Hour Rated, Add	*49.42*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.60	35.40
		For Spring Activated Horizontal Mount Operation, Add	*38.51*	
		For Dynamic Damper, Add	*92.42*	
		For 3 Hour Rated, Add	*51.34*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.48	22.22
		For Spring Activated Horizontal Mount Operation, Add	*35.76*	
		For Dynamic Damper, Add	*85.83*	
		For 3 Hour Rated, Add	*47.69*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.77	24.35
		For Spring Activated Horizontal Mount Operation, Add	*37.93*	
		For Dynamic Damper, Add	*91.03*	
		For 3 Hour Rated, Add	*50.57*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.84	26.62
		For Spring Activated Horizontal Mount Operation, Add	*39.38*	
		For Dynamic Damper, Add	*94.50*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.09	28.75
		For Spring Activated Horizontal Mount Operation, Add	*41.54*	
		For Dynamic Damper, Add	*99.68*	
		For 3 Hour Rated, Add	*55.38*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.57	31.01
		For Spring Activated Horizontal Mount Operation, Add	*42.62*	
		For Dynamic Damper, Add	*102.29*	
		For 3 Hour Rated, Add	*56.83*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.01	33.27
		For Spring Activated Horizontal Mount Operation, Add	*43.70*	
		For Dynamic Damper, Add	*104.87*	
		For 3 Hour Rated, Add	*58.26*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.29	35.40
		For Spring Activated Horizontal Mount Operation, Add	*45.86*	
		For Dynamic Damper, Add	*110.07*	
		For 3 Hour Rated, Add	*61.15*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.20	39.92
		For Spring Activated Horizontal Mount Operation, Add	*48.02*	
		For Dynamic Damper, Add	*115.26*	
		For 3 Hour Rated, Add	*64.03*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.35	44.32
		For Spring Activated Horizontal Mount Operation, Add	*50.91*	
		For Dynamic Damper, Add	*122.19*	
		For 3 Hour Rated, Add	*67.88*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.77	24.35
		For Spring Activated Horizontal Mount Operation, Add	*37.93*	
		For Dynamic Damper, Add	*91.03*	
		For 3 Hour Rated, Add	*50.57*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.84	26.62
		For Spring Activated Horizontal Mount Operation, Add	*39.38*	
		For Dynamic Damper, Add	*94.50*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.09	28.75
		For Spring Activated Horizontal Mount Operation, Add	*41.54*	
		For Dynamic Damper, Add	*99.68*	
		For 3 Hour Rated, Add	*55.38*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.16	31.01
		For Spring Activated Horizontal Mount Operation, Add	*42.98*	
		For Dynamic Damper, Add	*103.15*	
		For 3 Hour Rated, Add	*57.30*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.83	33.27
		For Spring Activated Horizontal Mount Operation, Add	*44.78*	
		For Dynamic Damper, Add	*107.48*	
		For 3 Hour Rated, Add	*59.71*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.48	35.40
		For Spring Activated Horizontal Mount Operation, Add	*46.58*	
		For Dynamic Damper, Add	*111.79*	
		For 3 Hour Rated, Add	*62.11*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.41	39.92
		For Spring Activated Horizontal Mount Operation, Add	*48.75*	
		For Dynamic Damper, Add	*116.99*	
		For 3 Hour Rated, Add	*65.00*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.35	44.32
		For Spring Activated Horizontal Mount Operation, Add	*50.91*	
		For Dynamic Damper, Add	*122.19*	
		For 3 Hour Rated, Add	*67.88*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.23	46.58
		For Spring Activated Horizontal Mount Operation, Add	*55.24*	
		For Dynamic Damper, Add	*132.57*	
		For 3 Hour Rated, Add	*73.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.57	50.97
		For Spring Activated Horizontal Mount Operation, Add	*58.85*	
		For Dynamic Damper, Add	*141.23*	
		For 3 Hour Rated, Add	*78.46*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.44	26.62
		For Spring Activated Horizontal Mount Operation, Add	*41.54*	
		For Dynamic Damper, Add	*99.68*	
		For 3 Hour Rated, Add	*55.38*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.28	28.75
		For Spring Activated Horizontal Mount Operation, Add	*42.25*	
		For Dynamic Damper, Add	*101.41*	
		For 3 Hour Rated, Add	*56.34*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.16	31.01
		For Spring Activated Horizontal Mount Operation, Add	*42.98*	
		For Dynamic Damper, Add	*103.15*	
		For 3 Hour Rated, Add	*57.30*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.20	33.27
		For Spring Activated Horizontal Mount Operation, Add	*44.42*	
		For Dynamic Damper, Add	*106.60*	
		For 3 Hour Rated, Add	*59.22*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.09	35.40
		For Spring Activated Horizontal Mount Operation, Add	*46.72*	
		For Dynamic Damper, Add	*112.12*	
		For 3 Hour Rated, Add	*62.29*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.41	39.92
		For Spring Activated Horizontal Mount Operation, Add	*48.75*	
		For Dynamic Damper, Add	*116.99*	
		For 3 Hour Rated, Add	*65.00*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.57	44.32
		For Spring Activated Horizontal Mount Operation, Add	*51.64*	
		For Dynamic Damper, Add	*123.93*	
		For 3 Hour Rated, Add	*68.85*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.70	48.70
		For Spring Activated Horizontal Mount Operation, Add	*54.52*	
		For Dynamic Damper, Add	*130.85*	
		For 3 Hour Rated, Add	*72.70*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.57	50.97
		For Spring Activated Horizontal Mount Operation, Add	*58.85*	
		For Dynamic Damper, Add	*141.23*	
		For 3 Hour Rated, Add	*78.46*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.67	54.56
		For Spring Activated Horizontal Mount Operation, Add	*63.90*	
		For Dynamic Damper, Add	*153.35*	
		For 3 Hour Rated, Add	*85.20*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.62	57.61
		For Spring Activated Horizontal Mount Operation, Add	*69.67*	
		For Dynamic Damper, Add	*167.20*	
		For 3 Hour Rated, Add	*92.89*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.20	28.75
		For Spring Activated Horizontal Mount Operation, Add	*47.41*	
		For Dynamic Damper, Add	*113.78*	
		For 3 Hour Rated, Add	*63.21*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.16	31.01
		For Spring Activated Horizontal Mount Operation, Add	*49.05*	
		For Dynamic Damper, Add	*117.73*	
		For 3 Hour Rated, Add	*65.40*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.13	33.27
		For Spring Activated Horizontal Mount Operation, Add	*50.70*	
		For Dynamic Damper, Add	*121.68*	
		For 3 Hour Rated, Add	*67.60*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	342.81	35.40
		For Spring Activated Horizontal Mount Operation, Add	*53.18*	
		For Dynamic Damper, Add	*127.63*	
		For 3 Hour Rated, Add	*70.91*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.62	39.92
		For Spring Activated Horizontal Mount Operation, Add	*54.42*	
		For Dynamic Damper, Add	*130.60*	
		For 3 Hour Rated, Add	*72.56*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.78	42.05
		For Spring Activated Horizontal Mount Operation, Add	*55.66*	
		For Dynamic Damper, Add	*133.57*	
		For 3 Hour Rated, Add	*74.21*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.06	48.70
		For Spring Activated Horizontal Mount Operation, Add	*59.78*	
		For Dynamic Damper, Add	*143.47*	
		For 3 Hour Rated, Add	*79.70*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.67	53.23
		For Spring Activated Horizontal Mount Operation, Add	*63.90*	
		For Dynamic Damper, Add	*153.35*	
		For 3 Hour Rated, Add	*85.19*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.97	54.96
		For Spring Activated Horizontal Mount Operation, Add	*68.84*	
		For Dynamic Damper, Add	*165.22*	
		For 3 Hour Rated, Add	*91.79*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.25	58.95
		For Spring Activated Horizontal Mount Operation, Add	*75.44*	
		For Dynamic Damper, Add	*181.05*	
		For 3 Hour Rated, Add	*100.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	547.19	62.01
		For Spring Activated Horizontal Mount Operation, Add	*81.20*	
		For Dynamic Damper, Add	*194.89*	
		For 3 Hour Rated, Add	*108.27*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.17	64.27
		For Spring Activated Horizontal Mount Operation, Add	*87.80*	
		For Dynamic Damper, Add	*210.72*	
		For 3 Hour Rated, Add	*117.07*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.77	33.27
		For Spring Activated Horizontal Mount Operation, Add	*54.14*	
		For Dynamic Damper, Add	*129.93*	
		For 3 Hour Rated, Add	*72.19*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.08	35.40
		For Spring Activated Horizontal Mount Operation, Add	*57.44*	
		For Dynamic Damper, Add	*137.85*	
		For 3 Hour Rated, Add	*76.58*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.40	37.66
		For Spring Activated Horizontal Mount Operation, Add	*58.26*	
		For Dynamic Damper, Add	*139.83*	
		For 3 Hour Rated, Add	*77.68*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.72	39.92
		For Spring Activated Horizontal Mount Operation, Add	*59.09*	
		For Dynamic Damper, Add	*141.81*	
		For 3 Hour Rated, Add	*78.78*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.87	42.05
		For Spring Activated Horizontal Mount Operation, Add	*61.98*	
		For Dynamic Damper, Add	*148.74*	
		For 3 Hour Rated, Add	*82.64*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.34	44.32
		For Spring Activated Horizontal Mount Operation, Add	*64.86*	
		For Dynamic Damper, Add	*155.67*	
		For 3 Hour Rated, Add	*86.48*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	455.95	50.97
		For Spring Activated Horizontal Mount Operation, Add	*68.16*	
		For Dynamic Damper, Add	*163.58*	
		For 3 Hour Rated, Add	*90.88*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.92	55.35
		For Spring Activated Horizontal Mount Operation, Add	*71.46*	
		For Dynamic Damper, Add	*171.49*	
		For 3 Hour Rated, Add	*95.27*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.55	58.95
		For Spring Activated Horizontal Mount Operation, Add	*76.40*	
		For Dynamic Damper, Add	*183.37*	
		For 3 Hour Rated, Add	*101.87*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.16	62.01
		For Spring Activated Horizontal Mount Operation, Add	*85.47*	
		For Dynamic Damper, Add	*205.13*	
		For 3 Hour Rated, Add	*113.96*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	598.77	65.61
		For Spring Activated Horizontal Mount Operation, Add	*90.41*	
		For Dynamic Damper, Add	*216.98*	
		For 3 Hour Rated, Add	*120.55*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	644.42	67.33
		For Spring Activated Horizontal Mount Operation, Add	*99.48*	
		For Dynamic Damper, Add	*238.76*	
		For 3 Hour Rated, Add	*132.65*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	691.70	70.92
		For Spring Activated Horizontal Mount Operation, Add	*107.73*	
		For Dynamic Damper, Add	*258.55*	
		For 3 Hour Rated, Add	*143.64*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.76	33.27
		For Spring Activated Horizontal Mount Operation, Add	*55.79*	
		For Dynamic Damper, Add	*133.90*	
		For 3 Hour Rated, Add	*74.39*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.07	35.40
		For Spring Activated Horizontal Mount Operation, Add	*59.09*	
		For Dynamic Damper, Add	*141.81*	
		For 3 Hour Rated, Add	*78.78*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.74	37.66
		For Spring Activated Horizontal Mount Operation, Add	*61.57*	
		For Dynamic Damper, Add	*147.76*	
		For 3 Hour Rated, Add	*82.09*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.05	39.92
		For Spring Activated Horizontal Mount Operation, Add	*62.39*	
		For Dynamic Damper, Add	*149.74*	
		For 3 Hour Rated, Add	*83.19*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.36	42.05
		For Spring Activated Horizontal Mount Operation, Add	*65.69*	
		For Dynamic Damper, Add	*157.65*	
		For 3 Hour Rated, Add	*87.58*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.67	44.32
		For Spring Activated Horizontal Mount Operation, Add	*68.99*	
		For Dynamic Damper, Add	*165.56*	
		For 3 Hour Rated, Add	*91.98*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.61	53.23
		For Spring Activated Horizontal Mount Operation, Add	*73.11*	
		For Dynamic Damper, Add	*175.46*	
		For 3 Hour Rated, Add	*97.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.21	57.61
		For Spring Activated Horizontal Mount Operation, Add	*77.22*	
		For Dynamic Damper, Add	*185.34*	
		For 3 Hour Rated, Add	*102.97*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.16	62.01
		For Spring Activated Horizontal Mount Operation, Add	*85.47*	
		For Dynamic Damper, Add	*205.13*	
		For 3 Hour Rated, Add	*113.96*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	612.44	66.53
		For Spring Activated Horizontal Mount Operation, Add	*92.89*	
		For Dynamic Damper, Add	*222.93*	
		For 3 Hour Rated, Add	*123.85*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	662.36	70.92
		For Spring Activated Horizontal Mount Operation, Add	*101.13*	
		For Dynamic Damper, Add	*242.70*	
		For 3 Hour Rated, Add	*134.84*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	702.00	73.05
		For Spring Activated Horizontal Mount Operation, Add	*108.55*	
		For Dynamic Damper, Add	*260.51*	
		For 3 Hour Rated, Add	*144.73*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.64	75.32
		For Spring Activated Horizontal Mount Operation, Add	*115.97*	
		For Dynamic Damper, Add	*278.33*	
		For 3 Hour Rated, Add	*154.63*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.28	77.58
		For Spring Activated Horizontal Mount Operation, Add	*123.39*	
		For Dynamic Damper, Add	*296.14*	
		For 3 Hour Rated, Add	*164.52*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.40	35.40
		For Spring Activated Horizontal Mount Operation, Add	*58.26*	
		For Dynamic Damper, Add	*139.83*	
		For 3 Hour Rated, Add	*77.68*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.74	37.66
		For Spring Activated Horizontal Mount Operation, Add	*61.57*	
		For Dynamic Damper, Add	*147.76*	
		For 3 Hour Rated, Add	*82.09*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.05	39.92
		For Spring Activated Horizontal Mount Operation, Add	*62.39*	
		For Dynamic Damper, Add	*149.74*	
		For 3 Hour Rated, Add	*83.19*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.34	44.32
		For Spring Activated Horizontal Mount Operation, Add	*64.86*	
		For Dynamic Damper, Add	*155.67*	
		For 3 Hour Rated, Add	*86.48*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.30	48.70
		For Spring Activated Horizontal Mount Operation, Add	*68.16*	
		For Dynamic Damper, Add	*163.58*	
		For 3 Hour Rated, Add	*90.88*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.27	53.23
		For Spring Activated Horizontal Mount Operation, Add	*71.46*	
		For Dynamic Damper, Add	*171.49*	
		For 3 Hour Rated, Add	*95.27*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.56	57.61
		For Spring Activated Horizontal Mount Operation, Add	*76.40*	
		For Dynamic Damper, Add	*183.37*	
		For 3 Hour Rated, Add	*101.87*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	547.82	62.01
		For Spring Activated Horizontal Mount Operation, Add	*81.34*	
		For Dynamic Damper, Add	*195.23*	
		For 3 Hour Rated, Add	*108.46*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	594.12	66.53
		For Spring Activated Horizontal Mount Operation, Add	*88.77*	
		For Dynamic Damper, Add	*213.04*	
		For 3 Hour Rated, Add	*118.36*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.71	70.92
		For Spring Activated Horizontal Mount Operation, Add	*97.83*	
		For Dynamic Damper, Add	*234.79*	
		For 3 Hour Rated, Add	*130.44*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	687.38	73.05
		For Spring Activated Horizontal Mount Operation, Add	*105.26*	
		For Dynamic Damper, Add	*252.62*	
		For 3 Hour Rated, Add	*140.34*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	737.96	75.32
		For Spring Activated Horizontal Mount Operation, Add	*115.14*	
		For Dynamic Damper, Add	*276.34*	
		For 3 Hour Rated, Add	*153.52*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	784.28	79.71
		For Spring Activated Horizontal Mount Operation, Add	*122.57*	
		For Dynamic Damper, Add	*294.17*	
		For 3 Hour Rated, Add	*163.43*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	834.88	81.97
		For Spring Activated Horizontal Mount Operation, Add	*132.46*	
		For Dynamic Damper, Add	*317.90*	
		For 3 Hour Rated, Add	*176.61*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.16	88.62
		For Spring Activated Horizontal Mount Operation, Add	*139.05*	
		For Dynamic Damper, Add	*333.73*	
		For 3 Hour Rated, Add	*185.41*	

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23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.06	37.66
		For Spring Activated Horizontal Mount Operation, Add	*60.74*	
		For Dynamic Damper, Add	*145.77*	
		For 3 Hour Rated, Add	*80.99*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.37	39.92
		For Spring Activated Horizontal Mount Operation, Add	*64.04*	
		For Dynamic Damper, Add	*153.69*	
		For 3 Hour Rated, Add	*85.38*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.33	44.32
		For Spring Activated Horizontal Mount Operation, Add	*67.33*	
		For Dynamic Damper, Add	*161.60*	
		For 3 Hour Rated, Add	*89.78*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.30	48.70
		For Spring Activated Horizontal Mount Operation, Add	*68.16*	
		For Dynamic Damper, Add	*163.58*	
		For 3 Hour Rated, Add	*90.88*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.13	53.23
		For Spring Activated Horizontal Mount Operation, Add	*71.87*	
		For Dynamic Damper, Add	*172.50*	
		For 3 Hour Rated, Add	*95.83*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.89	57.61
		For Spring Activated Horizontal Mount Operation, Add	*75.58*	
		For Dynamic Damper, Add	*181.39*	
		For 3 Hour Rated, Add	*100.77*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	544.18	62.01
		For Spring Activated Horizontal Mount Operation, Add	*80.53*	
		For Dynamic Damper, Add	*193.26*	
		For 3 Hour Rated, Add	*107.37*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.47	66.53
		For Spring Activated Horizontal Mount Operation, Add	*85.47*	
		For Dynamic Damper, Add	*205.13*	
		For 3 Hour Rated, Add	*113.96*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	625.75	70.92
		For Spring Activated Horizontal Mount Operation, Add	*92.89*	
		For Dynamic Damper, Add	*222.93*	
		For 3 Hour Rated, Add	*123.85*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	683.01	75.32
		For Spring Activated Horizontal Mount Operation, Add	*102.78*	
		For Dynamic Damper, Add	*246.67*	
		For 3 Hour Rated, Add	*137.04*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	726.29	77.58
		For Spring Activated Horizontal Mount Operation, Add	*111.02*	
		For Dynamic Damper, Add	*266.45*	
		For 3 Hour Rated, Add	*148.03*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	780.60	79.71
		For Spring Activated Horizontal Mount Operation, Add	*121.74*	
		For Dynamic Damper, Add	*292.18*	
		For 3 Hour Rated, Add	*162.32*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.85	84.23
		For Spring Activated Horizontal Mount Operation, Add	*131.63*	
		For Dynamic Damper, Add	*315.91*	
		For 3 Hour Rated, Add	*175.50*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.16	88.62
		For Spring Activated Horizontal Mount Operation, Add	*139.05*	
		For Dynamic Damper, Add	*333.73*	
		For 3 Hour Rated, Add	*185.41*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	948.07	95.28
		For Spring Activated Horizontal Mount Operation, Add	*148.94*	
		For Dynamic Damper, Add	*357.46*	
		For 3 Hour Rated, Add	*198.59*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	998.02	99.67
		For Spring Activated Horizontal Mount Operation, Add	*157.19*	
		For Dynamic Damper, Add	*377.25*	
		For 3 Hour Rated, Add	*209.59*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.05	39.92
		For Spring Activated Horizontal Mount Operation, Add	*62.39*	
		For Dynamic Damper, Add	*149.74*	
		For 3 Hour Rated, Add	*83.19*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.66	44.32
		For Spring Activated Horizontal Mount Operation, Add	*66.51*	
		For Dynamic Damper, Add	*159.62*	
		For 3 Hour Rated, Add	*88.68*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.98	48.70
		For Spring Activated Horizontal Mount Operation, Add	*68.99*	
		For Dynamic Damper, Add	*165.56*	
		For 3 Hour Rated, Add	*91.98*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.93	53.23
		For Spring Activated Horizontal Mount Operation, Add	*69.80*	
		For Dynamic Damper, Add	*167.53*	
		For 3 Hour Rated, Add	*93.07*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	503.41	57.61
		For Spring Activated Horizontal Mount Operation, Add	*74.34*	
		For Dynamic Damper, Add	*178.43*	
		For 3 Hour Rated, Add	*99.13*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.84	62.01
		For Spring Activated Horizontal Mount Operation, Add	*78.87*	
		For Dynamic Damper, Add	*189.30*	
		For 3 Hour Rated, Add	*105.17*	

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23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.31	66.53
		For Spring Activated Horizontal Mount Operation, Add	*83.41*	
		For Dynamic Damper, Add	*200.18*	
		For 3 Hour Rated, Add	*111.21*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	603.76	70.92
		For Spring Activated Horizontal Mount Operation, Add	*87.94*	
		For Dynamic Damper, Add	*211.06*	
		For 3 Hour Rated, Add	*117.26*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	661.02	75.32
		For Spring Activated Horizontal Mount Operation, Add	*97.83*	
		For Dynamic Damper, Add	*234.79*	
		For 3 Hour Rated, Add	*130.44*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	711.66	77.58
		For Spring Activated Horizontal Mount Operation, Add	*107.73*	
		For Dynamic Damper, Add	*258.55*	
		For 3 Hour Rated, Add	*143.64*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	758.61	79.71
		For Spring Activated Horizontal Mount Operation, Add	*116.79*	
		For Dynamic Damper, Add	*280.30*	
		For 3 Hour Rated, Add	*155.72*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	823.23	84.23
		For Spring Activated Horizontal Mount Operation, Add	*128.34*	
		For Dynamic Damper, Add	*308.01*	
		For 3 Hour Rated, Add	*171.12*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	880.48	88.62
		For Spring Activated Horizontal Mount Operation, Add	*138.23*	
		For Dynamic Damper, Add	*331.74*	
		For 3 Hour Rated, Add	*184.30*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	941.42	93.02
		For Spring Activated Horizontal Mount Operation, Add	*148.94*	
		For Dynamic Damper, Add	*357.46*	
		For 3 Hour Rated, Add	*198.59*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	991.37	97.54
		For Spring Activated Horizontal Mount Operation, Add	*157.19*	
		For Dynamic Damper, Add	*377.25*	
		For 3 Hour Rated, Add	*209.59*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,052.31	101.93
		For Spring Activated Horizontal Mount Operation, Add	*167.91*	
		For Dynamic Damper, Add	*402.98*	
		For 3 Hour Rated, Add	*223.88*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,113.25	106.32
		For Spring Activated Horizontal Mount Operation, Add	*178.62*	
		For Dynamic Damper, Add	*428.70*	
		For 3 Hour Rated, Add	*238.16*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.34	44.32
		For Spring Activated Horizontal Mount Operation, Add	*64.86*	
		For Dynamic Damper, Add	*155.67*	
		For 3 Hour Rated, Add	*86.48*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.98	48.70
		For Spring Activated Horizontal Mount Operation, Add	*68.99*	
		For Dynamic Damper, Add	*165.56*	
		For 3 Hour Rated, Add	*91.98*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.59	53.23
		For Spring Activated Horizontal Mount Operation, Add	*70.63*	
		For Dynamic Damper, Add	*169.51*	
		For 3 Hour Rated, Add	*94.17*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.57	57.61
		For Spring Activated Horizontal Mount Operation, Add	*71.46*	
		For Dynamic Damper, Add	*171.49*	
		For 3 Hour Rated, Add	*95.27*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	525.86	62.01
		For Spring Activated Horizontal Mount Operation, Add	*76.40*	
		For Dynamic Damper, Add	*183.37*	
		For 3 Hour Rated, Add	*101.87*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.13	66.53
		For Spring Activated Horizontal Mount Operation, Add	*81.34*	
		For Dynamic Damper, Add	*195.23*	
		For 3 Hour Rated, Add	*108.46*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	598.26	70.92
		For Spring Activated Horizontal Mount Operation, Add	*86.70*	
		For Dynamic Damper, Add	*208.09*	
		For 3 Hour Rated, Add	*115.61*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	635.38	75.32
		For Spring Activated Horizontal Mount Operation, Add	*92.06*	
		For Dynamic Damper, Add	*220.95*	
		For 3 Hour Rated, Add	*122.75*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	689.66	77.58
		For Spring Activated Horizontal Mount Operation, Add	*102.78*	
		For Dynamic Damper, Add	*246.67*	
		For 3 Hour Rated, Add	*137.04*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	740.29	79.71
		For Spring Activated Horizontal Mount Operation, Add	*112.67*	
		For Dynamic Damper, Add	*270.41*	
		For 3 Hour Rated, Add	*150.23*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	801.25	84.23
		For Spring Activated Horizontal Mount Operation, Add	*123.39*	
		For Dynamic Damper, Add	*296.14*	
		For 3 Hour Rated, Add	*164.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	862.18	88.62
		For Spring Activated Horizontal Mount Operation, Add	*134.11*	
		For Dynamic Damper, Add	*321.86*	
		For 3 Hour Rated, Add	*178.81*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	912.12	93.02
		For Spring Activated Horizontal Mount Operation, Add	*142.35*	
		For Dynamic Damper, Add	*341.64*	
		For 3 Hour Rated, Add	*189.80*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	984.03	97.54
		For Spring Activated Horizontal Mount Operation, Add	*155.54*	
		For Dynamic Damper, Add	*373.29*	
		For 3 Hour Rated, Add	*207.38*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,048.63	101.93
		For Spring Activated Horizontal Mount Operation, Add	*167.08*	
		For Dynamic Damper, Add	*400.99*	
		For 3 Hour Rated, Add	*222.77*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,113.25	106.32
		For Spring Activated Horizontal Mount Operation, Add	*178.62*	
		For Dynamic Damper, Add	*428.70*	
		For 3 Hour Rated, Add	*238.16*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,170.49	110.85
		For Spring Activated Horizontal Mount Operation, Add	*188.51*	
		For Dynamic Damper, Add	*452.42*	
		For 3 Hour Rated, Add	*251.34*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,227.80	115.24
		For Spring Activated Horizontal Mount Operation, Add	*198.41*	
		For Dynamic Damper, Add	*476.18*	
		For 3 Hour Rated, Add	*264.55*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	136.12	26.62
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	142.06	26.62
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	167.13	30.21
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	173.58	30.21
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	208.68	33.27
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	226.43	33.27
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	251.65	36.99
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	282.65	41.65
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	321.22	47.50

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	153.33	30.21
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	169.51	30.21
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	191.94	33.27
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	212.81	33.27
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	241.13	36.99
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	253.85	36.99
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	283.05	41.65
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	313.14	47.50
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	365.34	55.49

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.92	22.16
		For Dynamic Damper, Add	*319.92*	
		For 3 Hour Rated, Add	*177.74*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	676.37	23.16
		For Dynamic Damper, Add	*327.73*	
		For 3 Hour Rated, Add	*182.07*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	691.42	23.36
		For Dynamic Damper, Add	*335.64*	
		For 3 Hour Rated, Add	*186.47*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	652.76	23.36
		For Dynamic Damper, Add	*314.77*	
		For 3 Hour Rated, Add	*174.87*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	668.41	23.95
		For Dynamic Damper, Add	*322.14*	
		For 3 Hour Rated, Add	*178.97*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.78	26.55
		For Dynamic Damper, Add	*336.93*	
		For 3 Hour Rated, Add	*187.18*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	668.41	23.95
		For Dynamic Damper, Add	*322.14*	
		For 3 Hour Rated, Add	*178.97*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	699.79	25.35
		For Dynamic Damper, Add	*336.93*	
		For 3 Hour Rated, Add	*187.18*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.43	26.55
		For Dynamic Damper, Add	*344.30*	
		For 3 Hour Rated, Add	*191.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.15	29.94
		For Dynamic Damper, Add	*351.72*	
		For 3 Hour Rated, Add	*195.40*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	692.96	25.35
		For Dynamic Damper, Add	*333.24*	
		For 3 Hour Rated, Add	*185.13*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.43	26.55
		For Dynamic Damper, Add	*344.30*	
		For 3 Hour Rated, Add	*191.28*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	735.17	27.95
		For Dynamic Damper, Add	*351.72*	
		For 3 Hour Rated, Add	*195.40*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	754.89	29.94
		For Dynamic Damper, Add	*359.14*	
		For 3 Hour Rated, Add	*199.52*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	799.08	33.34
		For Dynamic Damper, Add	*377.61*	
		For 3 Hour Rated, Add	*209.78*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	783.50	26.55
		For Dynamic Damper, Add	*379.98*	
		For 3 Hour Rated, Add	*211.10*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	797.98	28.54
		For Dynamic Damper, Add	*384.56*	
		For 3 Hour Rated, Add	*213.65*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	814.47	31.34
		For Dynamic Damper, Add	*389.15*	
		For 3 Hour Rated, Add	*216.20*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	828.83	33.34
		For Dynamic Damper, Add	*393.68*	
		For 3 Hour Rated, Add	*218.71*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	860.02	36.53
		For Dynamic Damper, Add	*405.13*	
		For 3 Hour Rated, Add	*225.07*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	891.15	39.92
		For Dynamic Damper, Add	*416.55*	
		For 3 Hour Rated, Add	*231.42*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	795.99	27.95
		For Dynamic Damper, Add	*384.56*	
		For 3 Hour Rated, Add	*213.65*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	814.63	29.94
		For Dynamic Damper, Add	*391.40*	
		For 3 Hour Rated, Add	*217.44*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.38	33.34
		For Dynamic Damper, Add	*398.29*	
		For 3 Hour Rated, Add	*221.27*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	868.52	36.53
		For Dynamic Damper, Add	*409.72*	
		For 3 Hour Rated, Add	*227.62*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	895.37	39.92
		For Dynamic Damper, Add	*418.83*	
		For 3 Hour Rated, Add	*232.68*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	926.51	43.11
		For Dynamic Damper, Add	*430.26*	
		For 3 Hour Rated, Add	*239.03*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	949.21	46.51
		For Dynamic Damper, Add	*437.12*	
		For 3 Hour Rated, Add	*242.84*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	810.47	29.94
		For Dynamic Damper, Add	*389.15*	
		For 3 Hour Rated, Add	*216.20*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.33	33.34
		For Dynamic Damper, Add	*398.27*	
		For 3 Hour Rated, Add	*221.26*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	864.24	36.53
		For Dynamic Damper, Add	*407.41*	
		For 3 Hour Rated, Add	*226.34*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	908.15	39.92
		For Dynamic Damper, Add	*425.73*	
		For 3 Hour Rated, Add	*236.52*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	930.78	43.11
		For Dynamic Damper, Add	*432.56*	
		For 3 Hour Rated, Add	*240.31*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	953.43	46.51
		For Dynamic Damper, Add	*439.40*	
		For 3 Hour Rated, Add	*244.11*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	980.35	49.91
		For Dynamic Damper, Add	*448.55*	
		For 3 Hour Rated, Add	*249.19*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,007.21	53.09
		For Dynamic Damper, Add	*457.66*	
		For 3 Hour Rated, Add	*254.26*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	829.52	33.34
		For Dynamic Damper, Add	*394.05*	
		For 3 Hour Rated, Add	*218.92*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	856.63	36.53
		For Dynamic Damper, Add	*403.30*	
		For 3 Hour Rated, Add	*224.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.05	39.92
		For Dynamic Damper, Add	*409.48*	
		For 3 Hour Rated, Add	*227.49*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	905.08	43.11
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	923.64	46.51
		For Dynamic Damper, Add	*423.31*	
		For 3 Hour Rated, Add	*235.17*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	942.14	49.91
		For Dynamic Damper, Add	*427.91*	
		For 3 Hour Rated, Add	*237.73*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	969.21	53.09
		For Dynamic Damper, Add	*437.14*	
		For 3 Hour Rated, Add	*242.86*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,006.25	59.88
		For Dynamic Damper, Add	*446.37*	
		For 3 Hour Rated, Add	*247.98*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,049.02	66.47
		For Dynamic Damper, Add	*458.69*	
		For 3 Hour Rated, Add	*254.83*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	856.63	36.53
		For Dynamic Damper, Add	*403.30*	
		For 3 Hour Rated, Add	*224.06*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.05	39.92
		For Dynamic Damper, Add	*409.48*	
		For 3 Hour Rated, Add	*227.49*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	905.08	43.11
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	926.48	46.51
		For Dynamic Damper, Add	*424.85*	
		For 3 Hour Rated, Add	*236.03*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	950.70	49.91
		For Dynamic Damper, Add	*432.53*	
		For 3 Hour Rated, Add	*240.30*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	974.89	53.09
		For Dynamic Damper, Add	*440.21*	
		For 3 Hour Rated, Add	*244.56*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,011.93	59.88
		For Dynamic Damper, Add	*449.44*	
		For 3 Hour Rated, Add	*249.69*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,049.02	66.47
		For Dynamic Damper, Add	*458.69*	
		For 3 Hour Rated, Add	*254.83*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,093.17	69.86
		For Dynamic Damper, Add	*477.14*	
		For 3 Hour Rated, Add	*265.08*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,141.64	76.45
		For Dynamic Damper, Add	*492.53*	
		For 3 Hour Rated, Add	*273.63*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	895.10	39.92
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	910.77	43.11
		For Dynamic Damper, Add	*421.76*	
		For 3 Hour Rated, Add	*234.31*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	926.48	46.51
		For Dynamic Damper, Add	*424.85*	
		For 3 Hour Rated, Add	*236.03*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	947.83	49.91
		For Dynamic Damper, Add	*430.98*	
		For 3 Hour Rated, Add	*239.44*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	975.95	53.09
		For Dynamic Damper, Add	*440.78*	
		For 3 Hour Rated, Add	*244.88*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,011.93	59.88
		For Dynamic Damper, Add	*449.44*	
		For 3 Hour Rated, Add	*249.69*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,054.74	66.47
		For Dynamic Damper, Add	*461.78*	
		For 3 Hour Rated, Add	*256.54*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,097.52	73.05
		For Dynamic Damper, Add	*474.09*	
		For 3 Hour Rated, Add	*263.39*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,141.64	76.45
		For Dynamic Damper, Add	*492.53*	
		For 3 Hour Rated, Add	*273.63*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,197.53	81.84
		For Dynamic Damper, Add	*514.09*	
		For 3 Hour Rated, Add	*285.61*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,257.06	86.43
		For Dynamic Damper, Add	*538.69*	
		For 3 Hour Rated, Add	*299.27*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	940.02	43.11
		For Dynamic Damper, Add	*437.55*	
		For 3 Hour Rated, Add	*243.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	962.36	46.51
		For Dynamic Damper, Add	*444.22*	
		For 3 Hour Rated, Add	*246.79*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	984.73	49.91
		For Dynamic Damper, Add	*450.91*	
		For 3 Hour Rated, Add	*250.51*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,013.31	53.09
		For Dynamic Damper, Add	*460.95*	
		For 3 Hour Rated, Add	*256.09*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,042.58	59.88
		For Dynamic Damper, Add	*465.99*	
		For 3 Hour Rated, Add	*258.88*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,061.85	63.07
		For Dynamic Damper, Add	*471.00*	
		For 3 Hour Rated, Add	*261.67*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,122.79	73.05
		For Dynamic Damper, Add	*487.74*	
		For 3 Hour Rated, Add	*270.97*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,173.67	79.84
		For Dynamic Damper, Add	*504.44*	
		For 3 Hour Rated, Add	*280.24*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,218.82	82.44
		For Dynamic Damper, Add	*524.51*	
		For 3 Hour Rated, Add	*291.39*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,286.34	88.43
		For Dynamic Damper, Add	*551.27*	
		For 3 Hour Rated, Add	*306.26*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,343.63	93.02
		For Dynamic Damper, Add	*574.66*	
		For 3 Hour Rated, Add	*319.25*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,403.16	96.41
		For Dynamic Damper, Add	*601.42*	
		For 3 Hour Rated, Add	*334.12*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,515.39	49.91
		For Dynamic Damper, Add	*742.86*	
		For 3 Hour Rated, Add	*412.70*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,558.58	53.09
		For Dynamic Damper, Add	*760.79*	
		For 3 Hour Rated, Add	*422.66*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,576.90	56.48
		For Dynamic Damper, Add	*765.29*	
		For 3 Hour Rated, Add	*425.16*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,595.22	59.88
		For Dynamic Damper, Add	*769.80*	
		For 3 Hour Rated, Add	*427.67*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,644.27	63.07
		For Dynamic Damper, Add	*785.51*	
		For 3 Hour Rated, Add	*436.40*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,683.39	66.47
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,746.60	76.45
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,799.77	83.03
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,865.68	88.43
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,971.05	93.02
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,036.87	98.41
		For Dynamic Damper, Add	*940.38*	
		For 3 Hour Rated, Add	*522.44*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,136.34	101.00
		For Dynamic Damper, Add	*989.79*	
		For 3 Hour Rated, Add	*549.88*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,235.47	106.39
		For Dynamic Damper, Add	*1,034.69*	
		For 3 Hour Rated, Add	*574.83*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,542.00	49.91
		For Dynamic Damper, Add	*751.84*	
		For 3 Hour Rated, Add	*417.69*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,585.24	53.09
		For Dynamic Damper, Add	*769.80*	
		For 3 Hour Rated, Add	*427.67*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,620.20	56.48
		For Dynamic Damper, Add	*783.29*	
		For 3 Hour Rated, Add	*435.16*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,638.51	59.88
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,681.75	63.07
		For Dynamic Damper, Add	*805.75*	
		For 3 Hour Rated, Add	*447.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,724.94	66.47
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,806.48	79.84
		For Dynamic Damper, Add	*846.15*	
		For 3 Hour Rated, Add	*470.09*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,867.94	86.43
		For Dynamic Damper, Add	*868.56*	
		For 3 Hour Rated, Add	*482.54*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,971.05	93.02
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,065.82	99.80
		For Dynamic Damper, Add	*953.87*	
		For 3 Hour Rated, Add	*529.93*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,168.89	106.39
		For Dynamic Damper, Add	*998.74*	
		For 3 Hour Rated, Add	*554.86*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,253.69	109.58
		For Dynamic Damper, Add	*1,039.14*	
		For 3 Hour Rated, Add	*577.30*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,338.53	112.98
		For Dynamic Damper, Add	*1,079.57*	
		For 3 Hour Rated, Add	*599.76*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,423.38	116.37
		For Dynamic Damper, Add	*1,120.00*	
		For 3 Hour Rated, Add	*622.22*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,576.90	53.09
		For Dynamic Damper, Add	*765.29*	
		For 3 Hour Rated, Add	*425.16*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,620.20	56.48
		For Dynamic Damper, Add	*783.29*	
		For 3 Hour Rated, Add	*435.16*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,638.51	59.88
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,683.39	66.47
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,736.62	73.05
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,789.79	79.84
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,859.70	86.43
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,929.50	93.02
		For Dynamic Damper, Add	*891.03*	
		For 3 Hour Rated, Add	*495.02*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,024.27	99.80
		For Dynamic Damper, Add	*931.43*	
		For 3 Hour Rated, Add	*517.46*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,135.63	106.39
		For Dynamic Damper, Add	*980.78*	
		For 3 Hour Rated, Add	*544.88*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,220.53	109.58
		For Dynamic Damper, Add	*1,021.24*	
		For 3 Hour Rated, Add	*567.35*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,330.19	112.98
		For Dynamic Damper, Add	*1,075.06*	
		For 3 Hour Rated, Add	*597.26*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,425.02	119.57
		For Dynamic Damper, Add	*1,115.49*	
		For 3 Hour Rated, Add	*619.72*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,534.79	122.96
		For Dynamic Damper, Add	*1,169.38*	
		For 3 Hour Rated, Add	*649.66*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,631.20	132.94
		For Dynamic Damper, Add	*1,205.27*	
		For 3 Hour Rated, Add	*669.60*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,611.86	56.48
		For Dynamic Damper, Add	*778.78*	
		For 3 Hour Rated, Add	*432.66*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,655.09	59.88
		For Dynamic Damper, Add	*796.74*	
		For 3 Hour Rated, Add	*442.64*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,708.31	66.47
		For Dynamic Damper, Add	*814.70*	
		For 3 Hour Rated, Add	*452.61*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,736.62	73.05
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,794.01	79.84
		For Dynamic Damper, Add	*839.42*	
		For 3 Hour Rated, Add	*466.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,851.36	86.43
		For Dynamic Damper, Add	*859.61*	
		For 3 Hour Rated, Add	*477.56*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,921.21	93.02
		For Dynamic Damper, Add	*886.55*	
		For 3 Hour Rated, Add	*492.53*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,991.00	99.80
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,085.79	106.39
		For Dynamic Damper, Add	*953.87*	
		For 3 Hour Rated, Add	*529.93*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,205.54	112.98
		For Dynamic Damper, Add	*1,007.75*	
		For 3 Hour Rated, Add	*559.86*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,298.57	116.37
		For Dynamic Damper, Add	*1,052.60*	
		For 3 Hour Rated, Add	*584.78*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,416.73	119.57
		For Dynamic Damper, Add	*1,111.02*	
		For 3 Hour Rated, Add	*617.23*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,536.38	126.35
		For Dynamic Damper, Add	*1,164.85*	
		For 3 Hour Rated, Add	*647.14*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,631.20	132.94
		For Dynamic Damper, Add	*1,205.27*	
		For 3 Hour Rated, Add	*669.60*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,760.88	142.92
		For Dynamic Damper, Add	*1,259.13*	
		For 3 Hour Rated, Add	*699.52*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,863.99	149.51
		For Dynamic Damper, Add	*1,304.04*	
		For 3 Hour Rated, Add	*724.46*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,638.51	59.88
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,699.97	66.47
		For Dynamic Damper, Add	*810.20*	
		For 3 Hour Rated, Add	*450.11*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,744.91	73.05
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,773.16	79.84
		For Dynamic Damper, Add	*828.16*	
		For 3 Hour Rated, Add	*460.09*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,838.90	86.43
		For Dynamic Damper, Add	*852.88*	
		For 3 Hour Rated, Add	*473.82*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,904.58	93.02
		For Dynamic Damper, Add	*877.57*	
		For 3 Hour Rated, Add	*487.54*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,970.20	99.80
		For Dynamic Damper, Add	*902.23*	
		For 3 Hour Rated, Add	*501.24*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,035.89	106.39
		For Dynamic Damper, Add	*926.92*	
		For 3 Hour Rated, Add	*514.96*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,155.59	112.98
		For Dynamic Damper, Add	*980.78*	
		For 3 Hour Rated, Add	*544.88*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,265.41	116.37
		For Dynamic Damper, Add	*1,034.69*	
		For 3 Hour Rated, Add	*574.83*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,366.79	119.57
		For Dynamic Damper, Add	*1,084.05*	
		For 3 Hour Rated, Add	*602.25*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,503.16	126.35
		For Dynamic Damper, Add	*1,146.91*	
		For 3 Hour Rated, Add	*637.17*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,622.86	132.94
		For Dynamic Damper, Add	*1,200.77*	
		For 3 Hour Rated, Add	*667.10*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,750.90	139.53
		For Dynamic Damper, Add	*1,259.13*	
		For 3 Hour Rated, Add	*699.52*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,854.01	146.31
		For Dynamic Damper, Add	*1,304.04*	
		For 3 Hour Rated, Add	*724.46*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,982.05	152.90
		For Dynamic Damper, Add	*1,362.40*	
		For 3 Hour Rated, Add	*756.89*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,110.10	159.48
		For Dynamic Damper, Add	*1,420.76*	
		For 3 Hour Rated, Add	*789.31*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,683.39	66.47
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,744.91	73.05
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,781.50	79.84
		For Dynamic Damper, Add	*832.66*	
		For 3 Hour Rated, Add	*462.59*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,809.75	86.43
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,879.66	93.02
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,949.45	99.80
		For Dynamic Damper, Add	*891.03*	
		For 3 Hour Rated, Add	*495.02*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,023.43	106.39
		For Dynamic Damper, Add	*920.19*	
		For 3 Hour Rated, Add	*511.22*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,097.46	112.98
		For Dynamic Damper, Add	*949.39*	
		For 3 Hour Rated, Add	*527.44*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,215.52	116.37
		For Dynamic Damper, Add	*1,007.75*	
		For 3 Hour Rated, Add	*559.86*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,325.23	119.57
		For Dynamic Damper, Add	*1,061.61*	
		For 3 Hour Rated, Add	*589.78*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,453.32	126.35
		For Dynamic Damper, Add	*1,120.00*	
		For 3 Hour Rated, Add	*622.22*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,581.36	132.94
		For Dynamic Damper, Add	*1,178.36*	
		For 3 Hour Rated, Add	*654.65*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,684.42	139.53
		For Dynamic Damper, Add	*1,223.24*	
		For 3 Hour Rated, Add	*679.58*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,837.38	146.31
		For Dynamic Damper, Add	*1,295.06*	
		For 3 Hour Rated, Add	*719.48*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,973.76	152.90
		For Dynamic Damper, Add	*1,357.92*	
		For 3 Hour Rated, Add	*754.40*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,110.10	159.48
		For Dynamic Damper, Add	*1,420.76*	
		For 3 Hour Rated, Add	*789.31*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,229.74	166.27
		For Dynamic Damper, Add	*1,474.59*	
		For 3 Hour Rated, Add	*819.22*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,349.58	172.85
		For Dynamic Damper, Add	*1,528.53*	
		For 3 Hour Rated, Add	*849.18*	

23 33 13 19-0173 Combination Smoke/Fire Damper (Ruskin FSD60) *(23 33 13 19)*

Note: 1-1/2 hour rating, 4,000 FPM, 8" W.G., leakage class I with Firestat UL 555S air foil blades and actuator.

23 33 13 19-0174	EA	6" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	939.86	22.22
		For 3 Hour Rated, Add	*349.33*	
23 33 13 19-0175	EA	8" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	964.10	23.16
		For 3 Hour Rated, Add	*357.86*	
23 33 13 19-0176	EA	8" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	986.10	23.42
		For 3 Hour Rated, Add	*366.50*	
23 33 13 19-0177	EA	10" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,032.91	23.42
		For 3 Hour Rated, Add	*385.22*	
23 33 13 19-0178	EA	10" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,057.45	23.95
		For 3 Hour Rated, Add	*394.24*	
23 33 13 19-0179	EA	10" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,110.68	26.62
		For 3 Hour Rated, Add	*412.34*	
23 33 13 19-0180	EA	11" x 11", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,127.57	28.21
		For 3 Hour Rated, Add	*417.07*	
23 33 13 19-0181	EA	12" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,038.05	23.95
		For 3 Hour Rated, Add	*386.48*	

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23 33 13 19-0182	EA	12" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,086.40	25.42
		For 3 Hour Rated, Add	*404.22*	
23 33 13 19-0183	EA	12" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,112.50	26.62
		For 3 Hour Rated, Add	*413.06*	
23 33 13 19-0184	EA	12" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,144.33	29.94
		For 3 Hour Rated, Add	*421.80*	
23 33 13 19-0185	EA	14" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,037.81	25.42
		For 3 Hour Rated, Add	*384.78*	
23 33 13 19-0186	EA	14" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,073.72	26.62
		For 3 Hour Rated, Add	*397.55*	
23 33 13 19-0187	EA	14" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,099.13	27.95
		For 3 Hour Rated, Add	*406.12*	
23 33 13 19-0188	EA	14" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,126.53	29.94
		For 3 Hour Rated, Add	*414.68*	
23 33 13 19-0189	EA	14" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,189.84	33.40
		For 3 Hour Rated, Add	*436.02*	
23 33 13 19-0190	EA	16" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,111.08	28.61
		For 3 Hour Rated, Add	*410.10*	
23 33 13 19-0191	EA	16" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,141.11	31.40
		For 3 Hour Rated, Add	*418.92*	
23 33 13 19-0192	EA	16" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,169.10	33.40
		For 3 Hour Rated, Add	*427.72*	
23 33 13 19-0193	EA	16" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,210.20	36.60
		For 3 Hour Rated, Add	*440.17*	
23 33 13 19-0194	EA	16" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,247.86	39.92
		For 3 Hour Rated, Add	*451.24*	
23 33 13 19-0195	EA	16" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,426.47	49.91
		For 3 Hour Rated, Add	*510.70*	
23 33 13 19-0196	EA	18" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,115.07	29.94
		For 3 Hour Rated, Add	*410.10*	
23 33 13 19-0197	EA	18" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,154.72	33.40
		For 3 Hour Rated, Add	*421.97*	
23 33 13 19-0198	EA	18" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,194.37	36.60
		For 3 Hour Rated, Add	*433.84*	
23 33 13 19-0199	EA	18" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,232.04	39.92
		For 3 Hour Rated, Add	*444.91*	
23 33 13 19-0200	EA	18" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,269.70	43.11
		For 3 Hour Rated, Add	*455.98*	
23 33 13 19-0201	EA	18" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,307.38	46.58
		For 3 Hour Rated, Add	*467.06*	
23 33 13 19-0202	EA	20" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,193.43	33.40
		For 3 Hour Rated, Add	*437.45*	
23 33 13 19-0203	EA	20" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,234.10	36.60
		For 3 Hour Rated, Add	*449.73*	

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23 33 13 19-0204	EA	20" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,274.78	39.92
		For 3 Hour Rated, Add	*462.01*	
23 33 13 19-0205	EA	20" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,315.46	43.11
		For 3 Hour Rated, Add	*474.29*	
23 33 13 19-0206	EA	20" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,358.93	46.58
		For 3 Hour Rated, Add	*487.68*	
23 33 13 19-0207	EA	20" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,394.29	49.91
		For 3 Hour Rated, Add	*497.83*	
23 33 13 19-0208	EA	20" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,429.55	53.09
		For 3 Hour Rated, Add	*507.94*	
23 33 13 19-0209	EA	20" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,511.47	59.88
		For 3 Hour Rated, Add	*532.73*	
23 33 13 19-0210	EA	22" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,246.83	38.19
		For 3 Hour Rated, Add	*452.80*	
23 33 13 19-0211	EA	22" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,288.91	41.52
		For 3 Hour Rated, Add	*465.64*	
23 33 13 19-0212	EA	22" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,330.99	44.84
		For 3 Hour Rated, Add	*478.48*	
23 33 13 19-0213	EA	22" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,374.46	48.17
		For 3 Hour Rated, Add	*491.87*	
23 33 13 19-0214	EA	22" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,410.50	51.50
		For 3 Hour Rated, Add	*502.30*	
23 33 13 19-0215	EA	22" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,451.42	56.55
		For 3 Hour Rated, Add	*512.70*	
23 33 13 19-0216	EA	22" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,477.78	59.48
		For 3 Hour Rated, Add	*519.68*	
23 33 13 19-0217	EA	22" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,883.95	74.79
		For 3 Hour Rated, Add	*663.73*	
23 33 13 19-0218	EA	22" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,189.89	79.44
		For 3 Hour Rated, Add	*780.52*	
23 33 13 19-0219	EA	24" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,293.07	39.92
		For 3 Hour Rated, Add	*469.32*	
23 33 13 19-0220	EA	24" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,337.53	43.11
		For 3 Hour Rated, Add	*483.12*	
23 33 13 19-0221	EA	24" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,382.02	46.58
		For 3 Hour Rated, Add	*496.92*	
23 33 13 19-0222	EA	24" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,426.47	49.91
		For 3 Hour Rated, Add	*510.70*	
23 33 13 19-0223	EA	24" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,463.99	53.09
		For 3 Hour Rated, Add	*521.72*	
23 33 13 19-0224	EA	24" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,511.47	59.88
		For 3 Hour Rated, Add	*532.73*	
23 33 13 19-0225	EA	24" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,539.83	63.20
		For 3 Hour Rated, Add	*540.08*	

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23 33 13 19-0226	EA	24" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,568.17	66.53
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*547.43*	
23 33 13 19-0227	EA	26" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,311.32	41.52
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*474.60*	
23 33 13 19-0228	EA	26" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,351.48	44.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*486.67*	
23 33 13 19-0229	EA	26" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,400.61	48.17
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*502.33*	
23 33 13 19-0230	EA	26" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,449.87	51.50
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*518.04*	
23 33 13 19-0231	EA	26" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,492.31	56.55
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*529.06*	
23 33 13 19-0232	EA	26" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,539.83	63.20
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*540.08*	
23 33 13 19-0233	EA	26" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,570.24	65.74
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*549.26*	
23 33 13 19-0234	EA	26" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,600.77	68.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*558.44*	
23 33 13 19-0235	EA	26" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,632.11	71.20
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*567.31*	
23 33 13 19-0236	EA	28" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,425.69	43.11
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*518.38*	
23 33 13 19-0237	EA	28" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,473.20	46.58
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*533.39*	
23 33 13 19-0238	EA	28" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,525.60	49.91
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*550.36*	
23 33 13 19-0239	EA	28" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,578.08	53.09
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*567.36*	
23 33 13 19-0240	EA	28" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,622.78	59.88
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*577.26*	
23 33 13 19-0241	EA	28" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,674.85	66.53
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*590.10*	
23 33 13 19-0242	EA	28" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,707.04	68.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*600.95*	
23 33 13 19-0243	EA	28" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,739.10	69.86
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*611.81*	
23 33 13 19-0244	EA	28" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,775.81	73.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*622.50*	
23 33 13 19-0245	EA	28" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,810.48	76.51
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*632.37*	
23 33 13 19-0246	EA	28" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,685.18	88.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*967.88*	
23 33 13 19-0247	EA	30" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,435.31	44.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*520.20*	

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23 33 13 19-0248	EA	30" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,487.49	48.17
		For 3 Hour Rated, Add	*537.08*	
23 33 13 19-0249	EA	30" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,539.69	51.50
		For 3 Hour Rated, Add	*553.97*	
23 33 13 19-0250	EA	30" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,596.84	56.55
		For 3 Hour Rated, Add	*570.87*	
23 33 13 19-0251	EA	30" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,636.32	63.20
		For 3 Hour Rated, Add	*578.68*	
23 33 13 19-0252	EA	30" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,690.52	69.73
		For 3 Hour Rated, Add	*592.38*	
23 33 13 19-0253	EA	30" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,724.87	71.46
		For 3 Hour Rated, Add	*604.09*	
23 33 13 19-0254	EA	30" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,759.08	73.19
		For 3 Hour Rated, Add	*615.80*	
23 33 13 19-0255	EA	30" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,797.46	76.12
		For 3 Hour Rated, Add	*627.54*	
23 33 13 19-0256	EA	30" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,835.70	79.18
		For 3 Hour Rated, Add	*639.27*	
23 33 13 19-0257	EA	30" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,883.25	82.23
		For 3 Hour Rated, Add	*654.56*	
23 33 13 19-0258	EA	30" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,059.79	84.10
		For 3 Hour Rated, Add	*722.89*	
23 33 13 19-0259	EA	30" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,844.75	103.13
		For 3 Hour Rated, Add	*1,014.14*	
23 33 13 19-0260	EA	32" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,629.37	49.91
		For 3 Hour Rated, Add	*591.86*	
23 33 13 19-0261	EA	32" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,673.00	53.09
		For 3 Hour Rated, Add	*605.32*	
23 33 13 19-0262	EA	32" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,722.66	59.88
		For 3 Hour Rated, Add	*617.21*	
23 33 13 19-0263	EA	32" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,784.98	66.53
		For 3 Hour Rated, Add	*634.15*	
23 33 13 19-0264	EA	32" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,847.24	73.05
		For 3 Hour Rated, Add	*651.07*	
23 33 13 19-0265	EA	32" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,883.95	74.79
		For 3 Hour Rated, Add	*663.73*	
23 33 13 19-0266	EA	32" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,920.51	76.51
		For 3 Hour Rated, Add	*676.38*	
23 33 13 19-0267	EA	32" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,965.51	79.18
		For 3 Hour Rated, Add	*691.19*	
23 33 13 19-0268	EA	32" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,010.51	81.84
		For 3 Hour Rated, Add	*706.00*	
23 33 13 19-0269	EA	32" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,059.79	84.10
		For 3 Hour Rated, Add	*722.89*	

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23 33 13 19-0270	EA	32" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,108.92	86.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*739.77*	
23 33 13 19-0271	EA	32" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,446.77	89.69
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*870.92*	
23 33 13 19-0272	EA	34" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,899.07	51.50
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*697.72*	
23 33 13 19-0273	EA	34" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,943.00	56.55
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*709.33*	
23 33 13 19-0274	EA	34" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,984.75	61.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*720.02*	
23 33 13 19-0275	EA	34" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,066.48	69.73
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*742.76*	
23 33 13 19-0276	EA	34" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,143.19	76.51
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*765.46*	
23 33 13 19-0277	EA	34" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,185.37	77.98
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*780.52*	
23 33 13 19-0278	EA	34" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,227.54	79.44
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*795.58*	
23 33 13 19-0279	EA	34" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,283.19	82.23
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*814.48*	
23 33 13 19-0280	EA	34" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,338.95	85.16
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*833.38*	
23 33 13 19-0281	EA	34" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,392.92	87.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*852.15*	
23 33 13 19-0282	EA	34" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,446.77	89.69
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*870.92*	
23 33 13 19-0283	EA	34" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,501.89	92.08
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*890.10*	
23 33 13 19-0284	EA	34" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,334.30	94.75
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*819.92*	
23 33 13 19-0285	EA	36" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,182.99	53.09
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*809.32*	
23 33 13 19-0286	EA	36" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,225.03	59.88
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*818.16*	
23 33 13 19-0287	EA	36" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,257.01	63.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*826.96*	
23 33 13 19-0288	EA	36" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,360.42	73.05
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*856.34*	
23 33 13 19-0289	EA	36" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,453.67	79.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*885.66*	
23 33 13 19-0290	EA	36" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,501.70	81.17
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*903.28*	
23 33 13 19-0291	EA	36" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,549.75	82.51
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*920.90*	

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23 33 13 19-0292	EA	36" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,617.53	85.43
		For 3 Hour Rated, Add	*944.39*	
23 33 13 19-0293	EA	36" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,685.18	88.49
		For 3 Hour Rated, Add	*967.88*	
23 33 13 19-0294	EA	36" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,743.55	90.75
		For 3 Hour Rated, Add	*988.41*	
23 33 13 19-0295	EA	36" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,801.81	93.02
		For 3 Hour Rated, Add	*1,008.94*	
23 33 13 19-0296	EA	36" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,865.59	94.75
		For 3 Hour Rated, Add	*1,032.44*	
23 33 13 19-0297	EA	36" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,929.24	96.47
		For 3 Hour Rated, Add	*1,055.93*	
23 33 13 19-0298	EA	38" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,268.74	64.81
		For 3 Hour Rated, Add	*829.62*	
23 33 13 19-0299	EA	38" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,358.75	74.79
		For 3 Hour Rated, Add	*853.65*	
23 33 13 19-0300	EA	38" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,438.63	81.44
		For 3 Hour Rated, Add	*877.62*	
23 33 13 19-0301	EA	38" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,484.16	83.43
		For 3 Hour Rated, Add	*893.44*	
23 33 13 19-0302	EA	38" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,529.69	85.43
		For 3 Hour Rated, Add	*909.25*	
23 33 13 19-0303	EA	38" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,599.07	88.10
		For 3 Hour Rated, Add	*933.81*	
23 33 13 19-0304	EA	38" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,668.46	90.75
		For 3 Hour Rated, Add	*958.38*	
23 33 13 19-0305	EA	38" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,719.05	93.28
		For 3 Hour Rated, Add	*975.63*	
23 33 13 19-0306	EA	38" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,769.65	95.67
		For 3 Hour Rated, Add	*992.88*	
23 33 13 19-0307	EA	38" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,835.62	97.28
		For 3 Hour Rated, Add	*1,017.46*	
23 33 13 19-0308	EA	38" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,901.58	98.74
		For 3 Hour Rated, Add	*1,042.04*	
23 33 13 19-0309	EA	38" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,969.04	100.20
		For 3 Hour Rated, Add	*1,067.21*	
23 33 13 19-0310	EA	40" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,356.94	76.51
		For 3 Hour Rated, Add	*850.96*	
23 33 13 19-0311	EA	40" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,423.47	83.03
		For 3 Hour Rated, Add	*869.58*	
23 33 13 19-0312	EA	40" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,466.48	85.70
		For 3 Hour Rated, Add	*883.60*	
23 33 13 19-0313	EA	40" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,509.49	88.49
		For 3 Hour Rated, Add	*897.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0314	EA	40" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,580.61	90.75
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*923.24*	
23 33 13 19-0315	EA	40" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,651.62	93.02
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*948.87*	
23 33 13 19-0316	EA	40" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,694.56	95.67
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*962.85*	
23 33 13 19-0317	EA	40" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,737.49	98.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*976.83*	
23 33 13 19-0318	EA	40" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,805.62	99.67
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,002.49*	
23 33 13 19-0319	EA	40" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,873.77	101.00
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,028.15*	
23 33 13 19-0320	EA	40" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,940.07	103.67
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,051.48*	
23 33 13 19-0321	EA	40" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,006.37	106.46
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,074.80*	
23 33 13 19-0322	EA	40" x 66", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,220.94	150.10
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,507.83*	
23 33 13 19-0323	EA	42" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,396.97	78.11
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*864.95*	
23 33 13 19-0324	EA	42" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,469.33	84.77
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*885.91*	
23 33 13 19-0325	EA	42" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,524.91	87.69
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*904.57*	
23 33 13 19-0326	EA	42" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,580.61	90.75
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*923.24*	
23 33 13 19-0327	EA	42" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,647.27	93.55
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*946.54*	
23 33 13 19-0328	EA	42" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,714.05	96.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*969.85*	
23 33 13 19-0329	EA	42" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,769.72	99.41
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*988.50*	
23 33 13 19-0330	EA	42" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,825.25	102.46
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,007.14*	
23 33 13 19-0331	EA	42" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,888.07	103.80
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,030.46*	
23 33 13 19-0332	EA	42" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,950.92	105.26
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,053.79*	
23 33 13 19-0333	EA	42" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,012.70	107.52
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,075.95*	
23 33 13 19-0334	EA	42" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,074.61	109.65
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,098.10*	
23 33 13 19-0335	EA	42" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,137.80	111.91
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,120.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0336	EA	44" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,436.90	79.84
		For 3 Hour Rated, Add	*878.95*	
23 33 13 19-0337	EA	44" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,515.05	86.49
		For 3 Hour Rated, Add	*902.22*	
23 33 13 19-0338	EA	44" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,583.34	89.69
		For 3 Hour Rated, Add	*925.55*	
23 33 13 19-0339	EA	44" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,651.62	93.02
		For 3 Hour Rated, Add	*948.87*	
23 33 13 19-0340	EA	44" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,714.05	96.47
		For 3 Hour Rated, Add	*969.85*	
23 33 13 19-0341	EA	44" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,776.50	99.80
		For 3 Hour Rated, Add	*990.84*	
23 33 13 19-0342	EA	44" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,844.75	103.13
		For 3 Hour Rated, Add	*1,014.14*	
23 33 13 19-0343	EA	44" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,913.00	106.46
		For 3 Hour Rated, Add	*1,037.45*	
23 33 13 19-0344	EA	44" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,970.52	108.05
		For 3 Hour Rated, Add	*1,058.44*	
23 33 13 19-0345	EA	44" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,027.89	109.65
		For 3 Hour Rated, Add	*1,079.42*	
23 33 13 19-0346	EA	44" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,085.45	111.24
		For 3 Hour Rated, Add	*1,100.42*	
23 33 13 19-0347	EA	44" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,142.86	112.98
		For 3 Hour Rated, Add	*1,121.41*	
23 33 13 19-0348	EA	44" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,200.42	114.70
		For 3 Hour Rated, Add	*1,142.41*	
23 33 13 19-0349	EA	44" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,257.83	116.44
		For 3 Hour Rated, Add	*1,163.41*	
23 33 13 19-0350	EA	46" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,470.20	83.17
		For 3 Hour Rated, Add	*888.28*	
23 33 13 19-0351	EA	46" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,554.20	89.69
		For 3 Hour Rated, Add	*913.89*	
23 33 13 19-0352	EA	46" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,619.57	93.02
		For 3 Hour Rated, Add	*936.05*	
23 33 13 19-0353	EA	46" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,684.92	96.47
		For 3 Hour Rated, Add	*958.20*	
23 33 13 19-0354	EA	46" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,753.17	99.80
		For 3 Hour Rated, Add	*981.51*	
23 33 13 19-0355	EA	46" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,821.42	103.13
		For 3 Hour Rated, Add	*1,004.81*	
23 33 13 19-0356	EA	46" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,884.27	105.52
		For 3 Hour Rated, Add	*1,026.97*	
23 33 13 19-0357	EA	46" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,947.26	108.05
		For 3 Hour Rated, Add	*1,049.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0358	EA	46" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,013.36	109.65
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,073.60*	
23 33 13 19-0359	EA	46" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,079.60	111.24
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,098.08*	
23 33 13 19-0360	EA	46" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,139.55	113.78
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,119.08*	
23 33 13 19-0361	EA	46" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,199.49	116.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,140.07*	
23 33 13 19-0362	EA	46" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,265.76	118.03
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,164.56*	
23 33 13 19-0363	EA	46" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,331.93	119.63
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,189.06*	
23 33 13 19-0364	EA	46" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,399.49	121.36
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,214.06*	
23 33 13 19-0365	EA	48" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,503.51	86.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*897.61*	
23 33 13 19-0366	EA	48" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,593.35	93.02
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*925.56*	
23 33 13 19-0367	EA	48" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,655.78	96.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*946.54*	
23 33 13 19-0368	EA	48" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,718.22	99.80
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*967.53*	
23 33 13 19-0369	EA	48" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,792.30	103.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*993.16*	
23 33 13 19-0370	EA	48" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,866.35	106.46
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,018.79*	
23 33 13 19-0371	EA	48" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,923.95	108.05
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,039.81*	
23 33 13 19-0372	EA	48" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,981.40	109.65
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,060.82*	
23 33 13 19-0373	EA	48" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,056.34	111.24
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,088.77*	
23 33 13 19-0374	EA	48" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,131.17	112.98
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,116.74*	
23 33 13 19-0375	EA	48" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,193.63	116.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,137.73*	
23 33 13 19-0376	EA	48" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,256.11	119.63
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,158.73*	
23 33 13 19-0377	EA	48" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,331.12	121.22
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,186.71*	
23 33 13 19-0378	EA	48" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,406.03	122.96
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,214.70*	
23 33 13 19-0379	EA	48" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,467.67	128.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,233.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0380	EA	48" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,529.19	132.94
		For 3 Hour Rated, Add	*1,251.99*	
23 33 13 19-0381	EA	48" x 54", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,762.35	144.65
		For 3 Hour Rated, Add	*1,331.26*	
23 33 13 19-0382	EA	50" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,632.46	96.47
		For 3 Hour Rated, Add	*937.22*	
23 33 13 19-0383	EA	50" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,694.90	99.80
		For 3 Hour Rated, Add	*958.20*	
23 33 13 19-0384	EA	50" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,757.35	103.13
		For 3 Hour Rated, Add	*979.18*	
23 33 13 19-0385	EA	50" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,834.35	106.46
		For 3 Hour Rated, Add	*1,005.99*	
23 33 13 19-0386	EA	50" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,911.36	109.65
		For 3 Hour Rated, Add	*1,032.80*	
23 33 13 19-0387	EA	50" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,971.80	111.38
		For 3 Hour Rated, Add	*1,054.96*	
23 33 13 19-0388	EA	50" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,032.09	112.98
		For 3 Hour Rated, Add	*1,077.10*	
23 33 13 19-0389	EA	50" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,110.03	114.57
		For 3 Hour Rated, Add	*1,106.26*	
23 33 13 19-0390	EA	50" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,187.82	116.30
		For 3 Hour Rated, Add	*1,135.40*	
23 33 13 19-0391	EA	50" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,259.00	119.63
		For 3 Hour Rated, Add	*1,159.88*	
23 33 13 19-0392	EA	50" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,330.17	122.96
		For 3 Hour Rated, Add	*1,184.36*	
23 33 13 19-0393	EA	50" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,398.86	125.48
		For 3 Hour Rated, Add	*1,208.86*	
23 33 13 19-0394	EA	50" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,467.67	128.01
		For 3 Hour Rated, Add	*1,233.34*	
23 33 13 19-0395	EA	50" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,540.84	132.94
		For 3 Hour Rated, Add	*1,256.65*	
23 33 13 19-0396	EA	50" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,614.16	137.99
		For 3 Hour Rated, Add	*1,279.96*	
23 33 13 19-0397	EA	50" x 50", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,688.94	143.05
		For 3 Hour Rated, Add	*1,303.70*	
23 33 13 19-0398	EA	52" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,671.57	99.80
		For 3 Hour Rated, Add	*948.87*	
23 33 13 19-0399	EA	52" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,734.02	103.13
		For 3 Hour Rated, Add	*969.85*	
23 33 13 19-0400	EA	52" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,796.47	106.46
		For 3 Hour Rated, Add	*990.84*	
23 33 13 19-0401	EA	52" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,876.41	109.65
		For 3 Hour Rated, Add	*1,018.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0402	EA	52" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,956.35	112.98
		For 3 Hour Rated, Add	*1,046.81*	
23 33 13 19-0403	EA	52" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,019.65	114.70
		For 3 Hour Rated, Add	*1,070.10*	
23 33 13 19-0404	EA	52" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,082.80	116.44
		For 3 Hour Rated, Add	*1,093.40*	
23 33 13 19-0405	EA	52" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,163.70	118.03
		For 3 Hour Rated, Add	*1,123.74*	
23 33 13 19-0406	EA	52" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,244.49	119.63
		For 3 Hour Rated, Add	*1,154.08*	
23 33 13 19-0407	EA	52" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,324.36	122.96
		For 3 Hour Rated, Add	*1,182.04*	
23 33 13 19-0408	EA	52" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,404.24	126.42
		For 3 Hour Rated, Add	*1,210.00*	
23 33 13 19-0409	EA	52" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,466.72	129.61
		For 3 Hour Rated, Add	*1,230.99*	
23 33 13 19-0410	EA	52" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,529.19	132.94
		For 3 Hour Rated, Add	*1,251.99*	
23 33 13 19-0411	EA	52" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,614.16	137.99
		For 3 Hour Rated, Add	*1,279.96*	
23 33 13 19-0412	EA	52" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,698.99	142.92
		For 3 Hour Rated, Add	*1,307.94*	
23 33 13 19-0413	EA	52" x 50", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,767.27	146.25
		For 3 Hour Rated, Add	*1,331.26*	
23 33 13 19-0414	EA	52" x 52", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,835.56	149.58
		For 3 Hour Rated, Add	*1,354.58*	
23 33 13 19-0415	EA	52" x 56", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,507.30	152.90
		For 3 Hour Rated, Add	*1,619.28*	
23 33 13 19-0416	EA	54" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,841.38	109.65
		For 3 Hour Rated, Add	*1,004.81*	
23 33 13 19-0417	EA	54" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,918.82	112.18
		For 3 Hour Rated, Add	*1,032.81*	
23 33 13 19-0418	EA	54" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,996.39	114.70
		For 3 Hour Rated, Add	*1,060.80*	
23 33 13 19-0419	EA	54" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,062.48	116.30
		For 3 Hour Rated, Add	*1,085.27*	
23 33 13 19-0420	EA	54" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,128.69	118.03
		For 3 Hour Rated, Add	*1,109.73*	
23 33 13 19-0421	EA	54" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,214.88	120.43
		For 3 Hour Rated, Add	*1,141.22*	
23 33 13 19-0422	EA	54" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,301.07	122.96
		For 3 Hour Rated, Add	*1,172.72*	
23 33 13 19-0423	EA	54" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,380.97	126.29
		For 3 Hour Rated, Add	*1,200.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0424	EA	54" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,460.88	129.61
		For 3 Hour Rated, Add	*1,228.66*	
23 33 13 19-0425	EA	54" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,534.98	132.94
		For 3 Hour Rated, Add	*1,254.31*	
23 33 13 19-0426	EA	54" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,609.10	136.27
		For 3 Hour Rated, Add	*1,279.96*	
23 33 13 19-0427	EA	54" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,685.72	140.39
		For 3 Hour Rated, Add	*1,305.61*	
23 33 13 19-0428	EA	54" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,762.35	144.65
		For 3 Hour Rated, Add	*1,331.26*	
23 33 13 19-0429	EA	56" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,980.27	99.80
		For 3 Hour Rated, Add	*1,072.35*	
23 33 13 19-0430	EA	56" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,073.61	106.46
		For 3 Hour Rated, Add	*1,101.70*	
23 33 13 19-0431	EA	56" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,163.61	109.65
		For 3 Hour Rated, Add	*1,133.70*	
23 33 13 19-0432	EA	56" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,253.60	112.98
		For 3 Hour Rated, Add	*1,165.71*	
23 33 13 19-0433	EA	56" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,338.76	114.70
		For 3 Hour Rated, Add	*1,197.75*	
23 33 13 19-0434	EA	56" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,423.77	116.44
		For 3 Hour Rated, Add	*1,229.78*	
23 33 13 19-0435	EA	56" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,502.15	118.03
		For 3 Hour Rated, Add	*1,259.12*	
23 33 13 19-0436	EA	56" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,580.40	119.63
		For 3 Hour Rated, Add	*1,288.44*	
23 33 13 19-0437	EA	56" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,683.78	122.96
		For 3 Hour Rated, Add	*1,325.80*	
23 33 13 19-0438	EA	56" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,787.16	126.42
		For 3 Hour Rated, Add	*1,363.16*	
23 33 13 19-0439	EA	56" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,877.16	129.61
		For 3 Hour Rated, Add	*1,395.17*	
23 33 13 19-0440	EA	56" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,967.16	132.94
		For 3 Hour Rated, Add	*1,427.18*	
23 33 13 19-0441	EA	56" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,237.23	142.92
		For 3 Hour Rated, Add	*1,523.23*	
23 33 13 19-0442	EA	56" x 52", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,507.30	152.90
		For 3 Hour Rated, Add	*1,619.28*	
23 33 13 19-0443	EA	56" x 56", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,700.68	159.55
		For 3 Hour Rated, Add	*1,688.65*	
23 33 13 19-0444	EA	56" x 72", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,535.67	184.57
		For 3 Hour Rated, Add	*1,992.84*	
23 33 13 19-0445	EA	58" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,298.72	114.70
		For 3 Hour Rated, Add	*1,181.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0446	EA	58" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,383.70	116.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,213.76*	
23 33 13 19-0447	EA	58" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,468.81	118.03
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,245.78*	
23 33 13 19-0448	EA	58" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,556.31	120.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,277.80*	
23 33 13 19-0449	EA	58" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,643.79	122.96
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,309.81*	
23 33 13 19-0450	EA	58" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,743.83	126.29
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,345.83*	
23 33 13 19-0451	EA	58" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,843.87	129.61
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,381.85*	
23 33 13 19-0452	EA	58" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,927.18	132.94
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,411.19*	
23 33 13 19-0453	EA	58" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,010.51	136.27
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,440.53*	
23 33 13 19-0454	EA	58" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,117.19	139.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,479.21*	
23 33 13 19-0455	EA	60" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,352.19	116.44
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,201.15*	
23 33 13 19-0456	EA	60" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,437.48	118.03
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,233.25*	
23 33 13 19-0457	EA	60" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,522.65	119.63
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,265.34*	
23 33 13 19-0458	EA	60" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,619.63	122.96
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,300.14*	
23 33 13 19-0459	EA	60" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,716.59	126.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,334.94*	
23 33 13 19-0460	EA	60" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,813.54	129.61
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,369.72*	
23 33 13 19-0461	EA	60" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,910.46	132.94
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,404.50*	
23 33 13 19-0462	EA	60" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,987.31	136.27
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,431.25*	
23 33 13 19-0463	EA	60" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,064.14	139.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,457.99*	
23 33 13 19-0464	EA	60" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,181.13	142.92
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,500.79*	
23 33 13 19-0465	EA	60" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,298.11	146.38
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,543.59*	
23 33 13 19-0466	EA	60" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,401.76	149.58
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,581.06*	
23 33 13 19-0467	EA	60" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,505.39	152.90
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,618.52*	

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23 33 13 19-0468	EA	64" x 58", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,288.13	175.65
		For 3 Hour Rated, Add	*1,904.42*	
23 33 13 19-0469	EA	66" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,592.70	123.49
		For 3 Hour Rated, Add	*1,288.89*	
23 33 13 19-0470	EA	66" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,677.40	124.02
		For 3 Hour Rated, Add	*1,321.87*	
23 33 13 19-0471	EA	66" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,761.97	124.68
		For 3 Hour Rated, Add	*1,354.84*	
23 33 13 19-0472	EA	66" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,885.79	130.01
		For 3 Hour Rated, Add	*1,398.14*	
23 33 13 19-0473	EA	66" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,009.75	135.33
		For 3 Hour Rated, Add	*1,441.50*	
23 33 13 19-0474	EA	66" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,108.04	139.59
		For 3 Hour Rated, Add	*1,475.71*	
23 33 13 19-0475	EA	66" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,206.37	143.71
		For 3 Hour Rated, Add	*1,509.93*	
23 33 13 19-0476	EA	66" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,270.18	146.91
		For 3 Hour Rated, Add	*1,531.46*	
23 33 13 19-0477	EA	66" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,334.01	150.10
		For 3 Hour Rated, Add	*1,553.06*	
23 33 13 19-0478	EA	70" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,486.23	151.56
		For 3 Hour Rated, Add	*1,612.51*	
23 33 13 19-0479	EA	70" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,540.47	154.63
		For 3 Hour Rated, Add	*1,630.32*	
23 33 13 19-0480	EA	70" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,595.23	157.82
		For 3 Hour Rated, Add	*1,648.28*	
23 33 13 19-0481	EA	70" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,785.21	161.28
		For 3 Hour Rated, Add	*1,720.33*	
23 33 13 19-0482	EA	70" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,976.49	164.87
		For 3 Hour Rated, Add	*1,792.91*	
23 33 13 19-0483	EA	70" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,122.23	166.34
		For 3 Hour Rated, Add	*1,849.23*	
23 33 13 19-0484	EA	70" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,268.33	167.80
		For 3 Hour Rated, Add	*1,905.70*	
23 33 13 19-0485	EA	72" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,876.31	130.94
		For 3 Hour Rated, Add	*1,393.34*	
23 33 13 19-0486	EA	72" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,960.54	130.40
		For 3 Hour Rated, Add	*1,427.41*	
23 33 13 19-0487	EA	72" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,044.93	130.01
		For 3 Hour Rated, Add	*1,461.48*	
23 33 13 19-0488	EA	72" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,199.48	137.33
		For 3 Hour Rated, Add	*1,514.73*	
23 33 13 19-0489	EA	72" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,354.98	144.91
		For 3 Hour Rated, Add	*1,568.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0490	EA	72" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,454.89	150.10
		For 3 Hour Rated, Add	*1,601.73*	
23 33 13 19-0491	EA	72" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,554.96	155.43
		For 3 Hour Rated, Add	*1,635.36*	
23 33 13 19-0492	EA	72" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,368.62	170.87
		For 3 Hour Rated, Add	*1,942.10*	
23 33 13 19-0493	EA	72" x 60", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	6,095.30	191.88
		For 3 Hour Rated, Add	*2,207.86*	
23 33 13 19-0494	EA	90" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	5,693.76	194.28
		For 3 Hour Rated, Add	*2,044.20*	
23 33 13 19-0495		**Smoke Damper** *(23 33 13 19)* Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0496	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.28	14.77
		For Dynamic Damper, Add	*51.28*	
		For 3 Hour Rated, Add	*28.49*	
23 33 13 19-0497	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.65	15.44
		For Dynamic Damper, Add	*52.56*	
		For 3 Hour Rated, Add	*29.20*	
23 33 13 19-0498	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.34	15.57
		For Dynamic Damper, Add	*53.87*	
		For 3 Hour Rated, Add	*29.93*	
23 33 13 19-0499	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.34	15.57
		For Dynamic Damper, Add	*53.87*	
		For 3 Hour Rated, Add	*29.93*	
23 33 13 19-0500	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.07	15.97
		For Dynamic Damper, Add	*55.17*	
		For 3 Hour Rated, Add	*30.65*	
23 33 13 19-0501	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.19	17.70
		For Dynamic Damper, Add	*57.76*	
		For 3 Hour Rated, Add	*32.09*	
23 33 13 19-0502	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.07	15.97
		For Dynamic Damper, Add	*55.17*	
		For 3 Hour Rated, Add	*30.65*	
23 33 13 19-0503	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.53	16.90
		For Dynamic Damper, Add	*57.76*	
		For 3 Hour Rated, Add	*32.09*	
23 33 13 19-0504	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.60	17.70
		For Dynamic Damper, Add	*59.06*	
		For 3 Hour Rated, Add	*32.81*	
23 33 13 19-0505	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.65	19.96
		For Dynamic Damper, Add	*60.36*	
		For 3 Hour Rated, Add	*33.53*	
23 33 13 19-0506	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.34	16.90
		For Dynamic Damper, Add	*57.12*	
		For 3 Hour Rated, Add	*31.73*	
23 33 13 19-0507	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.60	17.70
		For Dynamic Damper, Add	*59.06*	
		For 3 Hour Rated, Add	*32.81*	
23 33 13 19-0508	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.66	18.63
		For Dynamic Damper, Add	*60.36*	
		For 3 Hour Rated, Add	*33.53*	
23 33 13 19-0509	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.07	19.96
		For Dynamic Damper, Add	*61.66*	
		For 3 Hour Rated, Add	*34.26*	
23 33 13 19-0510	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.73	22.22
		For Dynamic Damper, Add	*64.91*	
		For 3 Hour Rated, Add	*36.06*	
23 33 13 19-0511	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.16	17.70
		For Dynamic Damper, Add	*106.34*	
		For 3 Hour Rated, Add	*59.08*	
23 33 13 19-0512	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.55	19.03
		For Dynamic Damper, Add	*107.64*	
		For 3 Hour Rated, Add	*59.80*	
23 33 13 19-0513	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.28	20.90
		For Dynamic Damper, Add	*108.94*	
		For 3 Hour Rated, Add	*60.52*	
23 33 13 19-0514	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.66	22.22
		For Dynamic Damper, Add	*110.23*	
		For 3 Hour Rated, Add	*61.24*	
23 33 13 19-0515	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.36	24.35
		For Dynamic Damper, Add	*113.49*	
		For 3 Hour Rated, Add	*63.05*	
23 33 13 19-0516	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.01	26.62
		For Dynamic Damper, Add	*116.73*	
		For 3 Hour Rated, Add	*64.85*	

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23 33 13 19-0517	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.22	18.63
		For Dynamic Damper, Add	*107.64*	
		For 3 Hour Rated, Add	*59.80*	
23 33 13 19-0518	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.82	19.96
		For Dynamic Damper, Add	*109.59*	
		For 3 Hour Rated, Add	*60.88*	
23 33 13 19-0519	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.09	22.22
		For Dynamic Damper, Add	*111.54*	
		For 3 Hour Rated, Add	*61.97*	
23 33 13 19-0520	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.76	24.35
		For Dynamic Damper, Add	*114.79*	
		For 3 Hour Rated, Add	*63.77*	
23 33 13 19-0521	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.20	26.62
		For Dynamic Damper, Add	*117.37*	
		For 3 Hour Rated, Add	*65.21*	
23 33 13 19-0522	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.88	28.75
		For Dynamic Damper, Add	*120.63*	
		For 3 Hour Rated, Add	*67.02*	
23 33 13 19-0523	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.15	31.01
		For Dynamic Damper, Add	*122.58*	
		For 3 Hour Rated, Add	*68.10*	
23 33 13 19-0524	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.62	19.96
		For Dynamic Damper, Add	*108.94*	
		For 3 Hour Rated, Add	*60.52*	
23 33 13 19-0525	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.07	22.22
		For Dynamic Damper, Add	*111.53*	
		For 3 Hour Rated, Add	*61.96*	
23 33 13 19-0526	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.55	24.35
		For Dynamic Damper, Add	*114.13*	
		For 3 Hour Rated, Add	*63.41*	
23 33 13 19-0527	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.83	26.62
		For Dynamic Damper, Add	*119.33*	
		For 3 Hour Rated, Add	*66.30*	
23 33 13 19-0528	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.09	28.75
		For Dynamic Damper, Add	*121.28*	
		For 3 Hour Rated, Add	*67.38*	
23 33 13 19-0529	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.35	31.01
		For Dynamic Damper, Add	*123.23*	
		For 3 Hour Rated, Add	*68.46*	
23 33 13 19-0530	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.80	33.27
		For Dynamic Damper, Add	*125.82*	
		For 3 Hour Rated, Add	*69.90*	
23 33 13 19-0531	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.26	35.40
		For Dynamic Damper, Add	*128.41*	
		For 3 Hour Rated, Add	*71.34*	
23 33 13 19-0532	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.52	22.22
		For Dynamic Damper, Add	*150.65*	
		For 3 Hour Rated, Add	*83.70*	
23 33 13 19-0533	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.41	24.35
		For Dynamic Damper, Add	*154.56*	
		For 3 Hour Rated, Add	*85.87*	
23 33 13 19-0534	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.87	26.62
		For Dynamic Damper, Add	*157.16*	
		For 3 Hour Rated, Add	*87.31*	
23 33 13 19-0535	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.74	28.75
		For Dynamic Damper, Add	*161.06*	
		For 3 Hour Rated, Add	*89.48*	
23 33 13 19-0536	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.00	31.01
		For Dynamic Damper, Add	*163.00*	
		For 3 Hour Rated, Add	*90.56*	
23 33 13 19-0537	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.24	33.27
		For Dynamic Damper, Add	*164.94*	
		For 3 Hour Rated, Add	*91.63*	
23 33 13 19-0538	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.12	35.40
		For Dynamic Damper, Add	*168.84*	
		For 3 Hour Rated, Add	*93.80*	
23 33 13 19-0539	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.63	39.92
		For Dynamic Damper, Add	*172.73*	
		For 3 Hour Rated, Add	*95.96*	
23 33 13 19-0540	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.57	44.32
		For Dynamic Damper, Add	*177.93*	
		For 3 Hour Rated, Add	*98.85*	
23 33 13 19-0541	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.41	24.35
		For Dynamic Damper, Add	*154.56*	
		For 3 Hour Rated, Add	*85.87*	
23 33 13 19-0542	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.87	26.62
		For Dynamic Damper, Add	*157.16*	
		For 3 Hour Rated, Add	*87.31*	
23 33 13 19-0543	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.74	28.75
		For Dynamic Damper, Add	*161.06*	
		For 3 Hour Rated, Add	*89.48*	
23 33 13 19-0544	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.20	31.01
		For Dynamic Damper, Add	*163.65*	
		For 3 Hour Rated, Add	*90.92*	
23 33 13 19-0545	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.85	33.27
		For Dynamic Damper, Add	*166.89*	
		For 3 Hour Rated, Add	*92.72*	

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23 33 13 19-0546	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.52	35.40
		For Dynamic Damper, Add	*170.13*	
		For 3 Hour Rated, Add	*94.52*	
23 33 13 19-0547	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.03	39.92
		For Dynamic Damper, Add	*174.03*	
		For 3 Hour Rated, Add	*96.68*	
23 33 13 19-0548	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.57	44.32
		For Dynamic Damper, Add	*177.93*	
		For 3 Hour Rated, Add	*98.85*	
23 33 13 19-0549	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.65	46.58
		For Dynamic Damper, Add	*185.72*	
		For 3 Hour Rated, Add	*103.18*	
23 33 13 19-0550	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.98	50.97
		For Dynamic Damper, Add	*192.21*	
		For 3 Hour Rated, Add	*106.79*	
23 33 13 19-0551	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.09	26.62
		For Dynamic Damper, Add	*161.06*	
		For 3 Hour Rated, Add	*89.48*	
23 33 13 19-0552	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.12	28.75
		For Dynamic Damper, Add	*162.34*	
		For 3 Hour Rated, Add	*90.19*	
23 33 13 19-0553	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.20	31.01
		For Dynamic Damper, Add	*163.65*	
		For 3 Hour Rated, Add	*90.92*	
23 33 13 19-0554	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.64	33.27
		For Dynamic Damper, Add	*166.23*	
		For 3 Hour Rated, Add	*92.35*	
23 33 13 19-0555	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.97	35.40
		For Dynamic Damper, Add	*170.38*	
		For 3 Hour Rated, Add	*94.65*	
23 33 13 19-0556	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.03	39.92
		For Dynamic Damper, Add	*174.03*	
		For 3 Hour Rated, Add	*96.68*	
23 33 13 19-0557	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.97	44.32
		For Dynamic Damper, Add	*179.23*	
		For 3 Hour Rated, Add	*99.57*	
23 33 13 19-0558	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.91	48.70
		For Dynamic Damper, Add	*184.43*	
		For 3 Hour Rated, Add	*102.46*	
23 33 13 19-0559	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.98	50.97
		For Dynamic Damper, Add	*192.21*	
		For 3 Hour Rated, Add	*106.79*	
23 33 13 19-0560	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.47	54.56
		For Dynamic Damper, Add	*201.31*	
		For 3 Hour Rated, Add	*111.84*	
23 33 13 19-0561	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	565.01	57.61
		For Dynamic Damper, Add	*211.69*	
		For 3 Hour Rated, Add	*117.61*	
23 33 13 19-0562	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.07	28.75
		For Dynamic Damper, Add	*167.17*	
		For 3 Hour Rated, Add	*92.87*	
23 33 13 19-0563	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.75	31.01
		For Dynamic Damper, Add	*169.88*	
		For 3 Hour Rated, Add	*94.38*	
23 33 13 19-0564	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.43	33.27
		For Dynamic Damper, Add	*172.60*	
		For 3 Hour Rated, Add	*95.89*	
23 33 13 19-0565	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.65	35.40
		For Dynamic Damper, Add	*176.68*	
		For 3 Hour Rated, Add	*98.16*	
23 33 13 19-0566	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.75	39.92
		For Dynamic Damper, Add	*178.73*	
		For 3 Hour Rated, Add	*99.30*	
23 33 13 19-0567	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	461.20	42.05
		For Dynamic Damper, Add	*180.78*	
		For 3 Hour Rated, Add	*100.43*	
23 33 13 19-0568	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.75	48.70
		For Dynamic Damper, Add	*187.58*	
		For 3 Hour Rated, Add	*104.21*	
23 33 13 19-0569	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	519.63	53.23
		For Dynamic Damper, Add	*194.37*	
		For 3 Hour Rated, Add	*107.98*	
23 33 13 19-0570	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.07	54.96
		For Dynamic Damper, Add	*202.54*	
		For 3 Hour Rated, Add	*112.52*	
23 33 13 19-0571	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.19	58.95
		For Dynamic Damper, Add	*213.41*	
		For 3 Hour Rated, Add	*118.56*	
23 33 13 19-0572	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.13	62.01
		For Dynamic Damper, Add	*222.93*	
		For 3 Hour Rated, Add	*123.85*	
23 33 13 19-0573	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	625.94	64.27
		For Dynamic Damper, Add	*233.81*	
		For 3 Hour Rated, Add	*129.90*	
23 33 13 19-0574	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	457.76	33.27
		For Dynamic Damper, Add	*196.89*	
		For 3 Hour Rated, Add	*109.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0575	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.48	35.40
		For Dynamic Damper, Add	*202.33*	
		For 3 Hour Rated, Add	*112.40*	
23 33 13 19-0576	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.66	37.66
		For Dynamic Damper, Add	*203.69*	
		For 3 Hour Rated, Add	*113.16*	
23 33 13 19-0577	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.84	39.92
		For Dynamic Damper, Add	*205.05*	
		For 3 Hour Rated, Add	*113.92*	
23 33 13 19-0578	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.97	42.05
		For Dynamic Damper, Add	*209.82*	
		For 3 Hour Rated, Add	*116.57*	
23 33 13 19-0579	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.45	44.32
		For Dynamic Damper, Add	*214.59*	
		For 3 Hour Rated, Add	*119.21*	
23 33 13 19-0580	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	560.48	50.97
		For Dynamic Damper, Add	*220.02*	
		For 3 Hour Rated, Add	*122.24*	
23 33 13 19-0581	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.87	55.35
		For Dynamic Damper, Add	*225.47*	
		For 3 Hour Rated, Add	*125.26*	
23 33 13 19-0582	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	609.62	58.95
		For Dynamic Damper, Add	*233.63*	
		For 3 Hour Rated, Add	*129.79*	
23 33 13 19-0583	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.64	62.01
		For Dynamic Damper, Add	*248.59*	
		For 3 Hour Rated, Add	*138.11*	
23 33 13 19-0584	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.39	65.61
		For Dynamic Damper, Add	*256.74*	
		For 3 Hour Rated, Add	*142.63*	
23 33 13 19-0585	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	705.43	67.33
		For Dynamic Damper, Add	*271.71*	
		For 3 Hour Rated, Add	*150.95*	
23 33 13 19-0586	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.27	70.92
		For Dynamic Damper, Add	*285.31*	
		For 3 Hour Rated, Add	*158.51*	
23 33 13 19-0587	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.46	33.27
		For Dynamic Damper, Add	*199.62*	
		For 3 Hour Rated, Add	*110.90*	
23 33 13 19-0588	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.19	35.40
		For Dynamic Damper, Add	*205.05*	
		For 3 Hour Rated, Add	*113.92*	
23 33 13 19-0589	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	500.42	37.66
		For Dynamic Damper, Add	*209.15*	
		For 3 Hour Rated, Add	*116.19*	
23 33 13 19-0590	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.59	39.92
		For Dynamic Damper, Add	*210.51*	
		For 3 Hour Rated, Add	*116.95*	
23 33 13 19-0591	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.32	42.05
		For Dynamic Damper, Add	*215.95*	
		For 3 Hour Rated, Add	*119.97*	
23 33 13 19-0592	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.04	44.32
		For Dynamic Damper, Add	*221.38*	
		For 3 Hour Rated, Add	*122.99*	
23 33 13 19-0593	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	582.27	53.23
		For Dynamic Damper, Add	*228.19*	
		For 3 Hour Rated, Add	*126.77*	
23 33 13 19-0594	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	608.14	57.61
		For Dynamic Damper, Add	*234.98*	
		For 3 Hour Rated, Add	*130.55*	
23 33 13 19-0595	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.64	62.01
		For Dynamic Damper, Add	*248.59*	
		For 3 Hour Rated, Add	*138.11*	
23 33 13 19-0596	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	682.62	66.53
		For Dynamic Damper, Add	*260.83*	
		For 3 Hour Rated, Add	*144.91*	
23 33 13 19-0597	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	721.10	70.92
		For Dynamic Damper, Add	*274.42*	
		For 3 Hour Rated, Add	*152.46*	
23 33 13 19-0598	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	750.43	73.05
		For Dynamic Damper, Add	*286.66*	
		For 3 Hour Rated, Add	*159.26*	
23 33 13 19-0599	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	779.76	75.32
		For Dynamic Damper, Add	*298.91*	
		For 3 Hour Rated, Add	*166.06*	
23 33 13 19-0600	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	809.09	77.58
		For Dynamic Damper, Add	*311.16*	
		For 3 Hour Rated, Add	*172.87*	
23 33 13 19-0601	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.66	35.40
		For Dynamic Damper, Add	*203.69*	
		For 3 Hour Rated, Add	*113.16*	
23 33 13 19-0602	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	500.42	37.66
		For Dynamic Damper, Add	*209.15*	
		For 3 Hour Rated, Add	*116.19*	
23 33 13 19-0603	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.59	39.92
		For Dynamic Damper, Add	*210.51*	
		For 3 Hour Rated, Add	*116.95*	

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23 33 13 19-0604	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.45	44.32
		For Dynamic Damper, Add	*214.59*	
		For 3 Hour Rated, Add	*119.21*	
23 33 13 19-0605	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	553.83	48.70
		For Dynamic Damper, Add	*220.02*	
		For 3 Hour Rated, Add	*122.24*	
23 33 13 19-0606	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	577.22	53.23
		For Dynamic Damper, Add	*225.47*	
		For 3 Hour Rated, Add	*125.26*	
23 33 13 19-0607	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.63	57.61
		For Dynamic Damper, Add	*233.63*	
		For 3 Hour Rated, Add	*129.79*	
23 33 13 19-0608	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	634.03	62.01
		For Dynamic Damper, Add	*241.78*	
		For 3 Hour Rated, Add	*134.32*	
23 33 13 19-0609	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	670.02	66.53
		For Dynamic Damper, Add	*254.03*	
		For 3 Hour Rated, Add	*141.13*	
23 33 13 19-0610	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	711.03	70.92
		For Dynamic Damper, Add	*268.98*	
		For 3 Hour Rated, Add	*149.44*	
23 33 13 19-0611	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	740.38	73.05
		For Dynamic Damper, Add	*281.24*	
		For 3 Hour Rated, Add	*156.24*	
23 33 13 19-0612	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	777.24	75.32
		For Dynamic Damper, Add	*297.55*	
		For 3 Hour Rated, Add	*165.31*	
23 33 13 19-0613	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	813.23	79.71
		For Dynamic Damper, Add	*309.80*	
		For 3 Hour Rated, Add	*172.11*	
23 33 13 19-0614	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	850.10	81.97
		For Dynamic Damper, Add	*326.12*	
		For 3 Hour Rated, Add	*181.18*	
23 33 13 19-0615	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	890.21	88.62
		For Dynamic Damper, Add	*337.00*	
		For 3 Hour Rated, Add	*187.22*	
23 33 13 19-0616	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.90	37.66
		For Dynamic Damper, Add	*207.79*	
		For 3 Hour Rated, Add	*115.44*	
23 33 13 19-0617	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.62	39.92
		For Dynamic Damper, Add	*213.22*	
		For 3 Hour Rated, Add	*118.46*	
23 33 13 19-0618	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	537.99	44.32
		For Dynamic Damper, Add	*218.66*	
		For 3 Hour Rated, Add	*121.48*	
23 33 13 19-0619	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	553.83	48.70
		For Dynamic Damper, Add	*220.02*	
		For 3 Hour Rated, Add	*122.24*	
23 33 13 19-0620	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	578.48	53.23
		For Dynamic Damper, Add	*226.15*	
		For 3 Hour Rated, Add	*125.64*	
23 33 13 19-0621	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	603.11	57.61
		For Dynamic Damper, Add	*232.26*	
		For 3 Hour Rated, Add	*129.04*	
23 33 13 19-0622	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	631.52	62.01
		For Dynamic Damper, Add	*240.42*	
		For 3 Hour Rated, Add	*133.57*	
23 33 13 19-0623	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	659.95	66.53
		For Dynamic Damper, Add	*248.59*	
		For 3 Hour Rated, Add	*138.11*	
23 33 13 19-0624	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	695.93	70.92
		For Dynamic Damper, Add	*260.83*	
		For 3 Hour Rated, Add	*144.91*	
23 33 13 19-0625	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.45	75.32
		For Dynamic Damper, Add	*277.14*	
		For 3 Hour Rated, Add	*153.97*	
23 33 13 19-0626	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.28	77.58
		For Dynamic Damper, Add	*290.74*	
		For 3 Hour Rated, Add	*161.52*	
23 33 13 19-0627	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	810.70	79.71
		For Dynamic Damper, Add	*308.43*	
		For 3 Hour Rated, Add	*171.35*	
23 33 13 19-0628	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.22	84.23
		For Dynamic Damper, Add	*324.75*	
		For 3 Hour Rated, Add	*180.41*	
23 33 13 19-0629	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	890.21	88.62
		For Dynamic Damper, Add	*337.00*	
		For 3 Hour Rated, Add	*187.22*	
23 33 13 19-0630	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	940.40	95.28
		For Dynamic Damper, Add	*353.32*	
		For 3 Hour Rated, Add	*196.29*	
23 33 13 19-0631	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	978.90	99.67
		For Dynamic Damper, Add	*366.93*	
		For 3 Hour Rated, Add	*203.85*	
23 33 13 19-0632	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.59	39.92
		For Dynamic Damper, Add	*210.51*	
		For 3 Hour Rated, Add	*116.95*	

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23 33 13 19-0633	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	535.47	44.32
		For Dynamic Damper, Add	*217.30*	
		For 3 Hour Rated, Add	*120.72*	
23 33 13 19-0634	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.35	48.70
		For Dynamic Damper, Add	*221.38*	
		For 3 Hour Rated, Add	*122.99*	
23 33 13 19-0635	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.16	53.23
		For Dynamic Damper, Add	*222.73*	
		For 3 Hour Rated, Add	*123.74*	
23 33 13 19-0636	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.33	57.61
		For Dynamic Damper, Add	*230.22*	
		For 3 Hour Rated, Add	*127.90*	
23 33 13 19-0637	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.48	62.01
		For Dynamic Damper, Add	*237.70*	
		For 3 Hour Rated, Add	*132.06*	
23 33 13 19-0638	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.64	66.53
		For Dynamic Damper, Add	*245.18*	
		For 3 Hour Rated, Add	*136.21*	
23 33 13 19-0639	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	680.80	70.92
		For Dynamic Damper, Add	*252.66*	
		For 3 Hour Rated, Add	*140.37*	
23 33 13 19-0640	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	724.34	75.32
		For Dynamic Damper, Add	*268.98*	
		For 3 Hour Rated, Add	*149.44*	
23 33 13 19-0641	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	761.23	77.58
		For Dynamic Damper, Add	*285.31*	
		For 3 Hour Rated, Add	*158.51*	
23 33 13 19-0642	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	795.59	79.71
		For Dynamic Damper, Add	*300.27*	
		For 3 Hour Rated, Add	*166.82*	
23 33 13 19-0643	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	844.17	84.23
		For Dynamic Damper, Add	*319.32*	
		For 3 Hour Rated, Add	*177.40*	
23 33 13 19-0644	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	887.69	88.62
		For Dynamic Damper, Add	*335.64*	
		For 3 Hour Rated, Add	*186.47*	
23 33 13 19-0645	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	933.75	93.02
		For Dynamic Damper, Add	*353.32*	
		For 3 Hour Rated, Add	*196.29*	
23 33 13 19-0646	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	972.25	97.54
		For Dynamic Damper, Add	*366.93*	
		For 3 Hour Rated, Add	*203.85*	
23 33 13 19-0647	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,018.30	101.93
		For Dynamic Damper, Add	*384.61*	
		For 3 Hour Rated, Add	*213.67*	
23 33 13 19-0648	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,064.36	106.32
		For Dynamic Damper, Add	*402.29*	
		For 3 Hour Rated, Add	*223.50*	
23 33 13 19-0649	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.45	44.32
		For Dynamic Damper, Add	*214.59*	
		For 3 Hour Rated, Add	*119.21*	
23 33 13 19-0650	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.35	48.70
		For Dynamic Damper, Add	*221.38*	
		For 3 Hour Rated, Add	*122.99*	
23 33 13 19-0651	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	574.68	53.23
		For Dynamic Damper, Add	*224.09*	
		For 3 Hour Rated, Add	*124.50*	
23 33 13 19-0652	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	590.52	57.61
		For Dynamic Damper, Add	*225.47*	
		For 3 Hour Rated, Add	*125.26*	
23 33 13 19-0653	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.93	62.01
		For Dynamic Damper, Add	*233.63*	
		For 3 Hour Rated, Add	*129.79*	
23 33 13 19-0654	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.34	66.53
		For Dynamic Damper, Add	*241.78*	
		For 3 Hour Rated, Add	*134.32*	
23 33 13 19-0655	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	677.02	70.92
		For Dynamic Damper, Add	*250.62*	
		For 3 Hour Rated, Add	*139.23*	
23 33 13 19-0656	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	706.70	75.32
		For Dynamic Damper, Add	*259.46*	
		For 3 Hour Rated, Add	*144.14*	
23 33 13 19-0657	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	746.10	77.58
		For Dynamic Damper, Add	*277.14*	
		For 3 Hour Rated, Add	*153.97*	
23 33 13 19-0658	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	782.98	79.71
		For Dynamic Damper, Add	*293.46*	
		For 3 Hour Rated, Add	*163.04*	
23 33 13 19-0659	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	829.06	84.23
		For Dynamic Damper, Add	*311.16*	
		For 3 Hour Rated, Add	*172.87*	
23 33 13 19-0660	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	875.10	88.62
		For Dynamic Damper, Add	*328.84*	
		For 3 Hour Rated, Add	*182.69*	
23 33 13 19-0661	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	913.59	93.02
		For Dynamic Damper, Add	*342.44*	
		For 3 Hour Rated, Add	*190.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0662	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	967.19	97.54
		For Dynamic Damper, Add	*364.20*	
		For 3 Hour Rated, Add	*202.33*	
23 33 13 19-0663	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,015.76	101.93
		For Dynamic Damper, Add	*383.24*	
		For 3 Hour Rated, Add	*212.91*	
23 33 13 19-0664	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,064.36	106.32
		For Dynamic Damper, Add	*402.29*	
		For 3 Hour Rated, Add	*223.50*	
23 33 13 19-0665	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,107.86	110.85
		For Dynamic Damper, Add	*418.60*	
		For 3 Hour Rated, Add	*232.55*	
23 33 13 19-0666	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,151.42	115.24
		For Dynamic Damper, Add	*434.94*	
		For 3 Hour Rated, Add	*241.63*	

23 33 13 19-0667 Motorized Combination Fire/Smoke Damper (Dayton) *(23 33 13 19)*

Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.

23 33 13 19-0668	EA	8" Width x 8" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ9)	670.57	24.22
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0669	EA	10" Width x 10" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK1)	684.45	25.29
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0670	EA	12" Width x 12" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK2)	741.51	26.62
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0671	EA	16" Width x 16" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK3)	777.13	28.08
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0672	EA	18" Width x 18" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK4)	831.88	29.54
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0673	EA	24" Width x 24" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK5)	908.29	31.27
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0674	EA	8" Width x 8" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ3)	673.10	24.22
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0675	EA	10" Width x 10" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ4)	672.98	25.29
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0676	EA	12" Width x 12" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ5)	741.46	26.62
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0677	EA	16" Width x 16" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ6)	777.13	28.08
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0678	EA	18" Width x 18" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ7)	831.88	29.54
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0679	EA	24" Width x 24" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ8)	889.49	31.27
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	111.34	14.77
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	135.65	15.44
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	165.70	15.57
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	158.27	15.57
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	150.73	15.97
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	181.76	17.70
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	140.45	15.97
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	176.61	17.70
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	168.21	18.63
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	194.68	19.96
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	158.53	16.90
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	160.72	18.63
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	190.94	19.96
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	167.34	22.22
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	190.81	24.35
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	176.61	17.70
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	179.69	19.96
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	162.55	22.22
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	181.73	22.22
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	207.61	24.35
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	233.44	26.62
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	156.99	18.63
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	146.27	19.96
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	174.52	22.22
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	202.78	24.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	231.03	26.62
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	264.83	28.75
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	300.43	33.27
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	241.66	35.40
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	281.98	39.92
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	172.20	19.96
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	162.55	22.22
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	193.19	24.35
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	223.85	26.62
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	259.87	28.75
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	291.30	31.01
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	241.66	35.40
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	256.68	35.40
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	300.01	39.92
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	343.35	44.32
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	318.04	48.70
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	352.79	53.23
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	152.92	22.22
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	188.39	24.35
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	223.85	26.62
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	264.83	28.75
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	225.97	33.27
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	250.66	35.40
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	281.98	39.92
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	300.01	39.92
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	349.37	44.32
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	326.60	48.70
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	365.68	53.23
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	404.71	57.61
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	392.28	62.01
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	426.18	66.53
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	446.78	66.53
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	167.34	22.22
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	207.61	24.35
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	259.87	28.75
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	225.97	33.27
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	253.67	35.40
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	288.00	39.92
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	322.35	44.32
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	343.35	44.32
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	326.60	48.70
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	369.97	53.23
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	413.30	57.61
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	415.87	66.53
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	439.91	66.53
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	477.23	70.92
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	514.59	75.32
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	538.63	75.32
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	533.92	79.71
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	554.92	79.71
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	188.39	24.35
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	245.02	28.75
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	291.30	31.01
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	250.66	35.40
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	288.00	39.92
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	325.33	44.32
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	287.55	44.32
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	318.04	48.70
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	365.68	53.23
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	413.30	57.61
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	419.32	66.53
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	446.78	66.53
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	487.55	70.92
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	528.32	75.32
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	527.90	79.71
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	551.94	79.71
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	589.26	84.23
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	613.31	84.23
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	595.70	88.62
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	616.29	88.62
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	650.20	93.02
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	202.78	24.35
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	271.49	31.01
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	241.66	35.40
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	281.98	39.92
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	322.35	44.32
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	287.55	44.32
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	320.17	48.70
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	352.79	53.23
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	404.71	57.61
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	415.87	66.53
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	446.78	66.53
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	490.96	70.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	535.18	75.32
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	536.89	79.71
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	577.26	84.23
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	604.28	84.23
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	590.56	88.62
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	613.72	88.62
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	650.20	93.02
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	673.37	93.02
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	696.56	93.02
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	223.85	26.62
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	297.95	33.27
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	256.68	35.40
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	300.01	39.92
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	343.35	44.32
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	318.04	48.70
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	352.79	53.23
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	387.53	57.61
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	392.28	62.01
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	439.91	66.53
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	487.55	70.92
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	535.18	75.32
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	539.90	79.71
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	583.25	84.23
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	613.31	84.23
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	587.99	88.62
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	249.97	28.75
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	238.65	35.40
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	284.99	39.92
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	331.34	44.32
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	311.58	48.70
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	348.50	53.23
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	372.10	53.23
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	409.01	57.61
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	426.18	66.53
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	477.23	70.92
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	528.32	75.32
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	536.89	79.71
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	583.25	84.23
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	616.29	84.23
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	606.01	88.62
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	620.15	88.62
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	271.49	31.01
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	250.66	35.40
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	300.01	39.92
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	287.55	44.32
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	326.60	48.70
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	365.68	53.23
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	404.71	57.61
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	392.28	62.01
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	446.78	66.53
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	514.59	75.32
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	527.90	79.71
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	577.26	84.23
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	613.31	84.23
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	606.01	88.62
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	650.20	93.02
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	665.65	93.02
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	278.92	31.01
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	269.98	39.92
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	320.84	44.32
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	307.29	48.70
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	347.43	53.23
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	387.53	57.61
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	427.67	62.01
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	414.14	66.53
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	470.37	70.92
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	526.59	75.32
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	539.90	79.71
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	590.77	84.23
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	587.99	88.62
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	620.15	88.62
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	665.65	93.02
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	681.74	93.02

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	121.50	14.77
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	149.22	15.44
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	153.79	15.57
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	160.94	15.57
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	176.56	15.97
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	196.18	17.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	198.00	15.97
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	224.76	17.70
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	227.42	18.63
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	238.56	19.96
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	191.63	16.90
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	202.19	18.63
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	216.62	19.96
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	223.27	22.22
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	240.37	24.35
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	236.08	17.70
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	247.97	19.96
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	216.25	22.22
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	216.25	22.22
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	239.52	24.35
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	246.17	26.62
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	230.53	18.63
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	234.52	19.96
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	253.64	22.22
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	272.78	24.35
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	279.43	26.62
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	286.08	28.75
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	303.56	33.27
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	299.94	35.40
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	328.72	39.92
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	268.84	19.96
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	283.24	22.22
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	289.90	24.35
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	312.00	26.62
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	318.65	28.75
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	325.31	31.01
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	350.25	35.40
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	354.11	35.40
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	367.41	39.92
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	388.46	44.32
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	417.26	48.70
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	430.57	53.23
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	345.15	22.22
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	351.81	24.35
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	358.46	26.62
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	365.11	28.75
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	390.02	33.27
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	416.02	35.40
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	429.32	39.92
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	429.32	39.92
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	380.72	44.32
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	359.64	48.70
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	372.95	53.23
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	396.41	57.61
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	414.78	62.01
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	428.09	66.53
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	428.09	66.53
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	310.26	22.22
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	316.92	24.35
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	330.22	28.75
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	348.61	33.27
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	360.35	35.40
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	373.65	39.92
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	386.96	44.32
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	407.27	44.32
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	420.58	48.70
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	433.89	53.23
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	452.27	57.61
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	483.96	66.53
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	483.96	66.53
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	520.12	70.92
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	486.66	75.32
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	486.66	75.32
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	499.97	79.71
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	510.81	79.71
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	346.64	24.35
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	359.94	28.75
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	370.95	31.01
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	392.92	35.40
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	423.58	39.92
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	436.89	44.32
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	436.89	44.32
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	458.89	48.70
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	472.20	53.23
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	485.50	57.61
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	512.11	66.53
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	525.15	66.53
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	547.14	70.92
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	573.46	75.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	586.77	79.71
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	586.77	79.71
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	604.40	84.23
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	619.61	84.23
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	601.47	88.62
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	601.47	88.62
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	628.76	93.02
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	424.47	24.35
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	452.43	31.01
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	465.74	35.40
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	479.04	39.92
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	516.30	44.32
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	516.30	44.32
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	529.61	48.70
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	550.91	53.23
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	568.19	57.61
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	598.78	66.53
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	598.78	66.53
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	644.04	70.92
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	657.35	75.32
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	670.66	79.71
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	691.96	84.23
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	699.95	84.23
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	713.25	88.62
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	715.23	88.62
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	758.47	93.02
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	758.47	93.02
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	758.47	93.02
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	578.83	26.62
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	602.77	33.27
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	609.43	35.40
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	630.73	39.92
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	603.04	44.32
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	616.35	48.70
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	658.12	53.23
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	671.42	57.61
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	698.98	62.01
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	712.29	66.53
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	725.60	70.92
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	738.91	75.32
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	773.57	79.71
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	801.11	84.23
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	801.11	84.23
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	835.79	88.62
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	656.14	28.75
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	683.23	35.40
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	717.88	39.92
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	731.19	44.32
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	769.42	48.70
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	786.30	53.23
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	786.30	53.23
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	815.62	57.61
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	776.37	66.53
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	796.07	70.92
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	841.42	75.32
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	854.73	79.71
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	880.86	84.23
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	887.29	84.23
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	900.59	88.62
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	906.98	88.62
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	733.99	31.01
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	772.94	35.40
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	792.64	39.92
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	825.20	44.32
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	838.51	48.70
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	864.64	53.23
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	877.94	57.61
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	904.03	62.01
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	840.44	66.53
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	892.70	75.32
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	923.10	79.71
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	936.41	84.23
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	936.41	84.23
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	955.41	88.62
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	991.51	93.02
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	991.51	93.02
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	810.89	31.01
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	848.91	39.92
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	885.01	44.32
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	898.32	48.70
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	928.71	53.23
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	947.72	57.61
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	871.65	62.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	884.96	66.53
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	930.65	70.92
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	943.96	75.32
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	957.27	79.71
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	1,000.48	84.23
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	1,013.78	88.62
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	1,028.74	88.62
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	1,058.25	93.02
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	1,086.91	93.02
23 33 13 23-0365		Backdraft Damper Accessories *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	286.47	28.81
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	496.50	28.81
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	47.16	9.30
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		Blower Check Valves With Silicone Seals *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	307.91	34.34
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	343.77	39.12
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	441.50	51.89
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	610.47	59.88
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	683.83	71.86
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	1,019.85	91.02
23 33 13 43-0008		Blower Check Valves With Viton Seats *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	426.29	34.34
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	484.46	39.12
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	539.46	51.89
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	757.13	59.88
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	845.72	71.86
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,306.23	91.02
23 33 19		**Duct Silencers** *(23 33)*		
23 33 19 00-0001		36" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	418.61	54.47
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	504.15	62.44
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	657.64	71.74
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	802.42	81.05
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	740.25	81.05
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	952.60	85.03
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,053.79	90.34
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,157.65	95.65
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,525.03	108.94
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	944.03	90.34
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,279.91	108.94
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,284.46	146.15
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,530.22	154.11
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,826.43	166.07
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	3,175.84	180.69
23 33 19 00-0017		60" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	467.80	119.57
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	564.93	138.17
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	738.75	159.43
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	901.54	179.36
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	830.86	179.36
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,073.86	189.99
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,184.31	199.28
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,296.75	209.91
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,717.17	239.15
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,059.59	199.28
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,438.63	239.15
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,562.48	314.87
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,861.71	341.44
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,181.66	362.70
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,582.56	398.58
23 33 19 00-0033		84" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	402.99	99.64
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	693.88	148.80
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	966.95	217.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	546.79	119.57
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	681.33	138.17
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	929.99	159.43
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,102.43	171.38
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,203.53	184.68
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,521.06	199.28
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,802.57	217.89
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,028.92	184.68
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,479.10	192.64
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,616.68	199.28
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,762.37	209.91
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,218.08	225.86
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,407.29	239.15

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	14.26	3.32
		For Stainless Steel, Add	*8.84*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	13.85	1.33
		For Stainless Steel, Add	*13.31*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	57.19	4.99
		For Stainless Steel, Add	*61.15*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	71.10	5.31
		For Stainless Steel, Add	*77.35*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	97.30	5.58
		For Stainless Steel, Add	*108.31*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	123.52	5.98
		For Stainless Steel, Add	*139.26*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	136.90	6.38
		For Stainless Steel, Add	*154.72*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	175.09	5.98
		For Stainless Steel, Add	*201.16*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	215.16	7.05
		For Stainless Steel, Add	*247.57*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	231.04	7.36
		For Stainless Steel, Add	*266.21*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	258.03	7.65
		For Stainless Steel, Add	*298.15*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	104.40	18.60
		For Stainless Steel, Add	*51.92*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	110.64	18.60
		For Stainless Steel, Add	*62.84*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	113.68	18.60
		For Stainless Steel, Add	*68.16*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	146.90	22.58
		For Stainless Steel, Add	*96.11*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	148.14	22.58
		For Stainless Steel, Add	*98.28*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	184.20	30.56
		For Stainless Steel, Add	*113.10*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	219.07	37.20
		For Stainless Steel, Add	*121.80*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	284.74	50.48
		For Stainless Steel, Add	*149.56*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	16.81	3.99
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	17.26	3.58

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.66	1.33
		For R6.0 Insulated Flexible Duct, Deduct	*-1.02*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.19*	
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	10.66	2.65
		For R6.0 Insulated Flexible Duct, Deduct	*-1.08*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	11.92	2.65
		For R6.0 Insulated Flexible Duct, Deduct	*-1.10*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.29*	
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	13.82	2.65
		For R6.0 Insulated Flexible Duct, Deduct	*-1.24*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.44*	
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	16.12	3.99
		For R6.0 Insulated Flexible Duct, Deduct	*-1.25*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.46*	
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	20.87	3.99
		For R6.0 Insulated Flexible Duct, Deduct	*-1.68*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.96*	
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	27.92	5.31
		For R6.0 Insulated Flexible Duct, Deduct	*-2.00*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.33*	
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	34.69	5.31
		For R6.0 Insulated Flexible Duct, Deduct	*-2.44*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.84*	
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	45.18	6.64
		For R6.0 Insulated Flexible Duct, Deduct	*-2.91*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.40*	
23 33 46 00-0011	LF	18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	55.16	8.64
		For R6.0 Insulated Flexible Duct, Deduct	*-3.79*	
		For R4.2 Insulated Flexible Duct, Deduct	*-4.42*	
23 33 46 00-0012	LF	20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	65.56	9.30
		For R6.0 Insulated Flexible Duct, Deduct	*-5.72*	
		For R4.2 Insulated Flexible Duct, Deduct	*-6.67*	

23 33 46 00-0013 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0014	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	53.46	7.97
		For Stainless Steel, Add	*28.28*	
23 33 46 00-0015	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	58.04	9.30
		For Stainless Steel, Add	*28.66*	
23 33 46 00-0016	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	66.18	9.30
		For Stainless Steel, Add	*31.60*	
23 33 46 00-0017	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	75.00	11.96
		For Stainless Steel, Add	*32.60*	
23 33 46 00-0018	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	90.48	14.62
		For Stainless Steel, Add	*36.83*	
23 33 46 00-0019	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	106.17	17.27
		For Stainless Steel, Add	*45.41*	
23 33 46 00-0020	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	120.49	19.93
		For Stainless Steel, Add	*48.92*	
23 33 46 00-0021	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	142.72	22.58
		For Stainless Steel, Add	*61.26*	
23 33 46 00-0022	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	155.49	25.25
		For Stainless Steel, Add	*67.02*	
23 33 46 00-0023	EA	18" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	173.53	28.57
		For Stainless Steel, Add	*72.72*	
23 33 46 00-0024	EA	20" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	203.35	30.56
		For Stainless Steel, Add	*100.54*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.48	3.51
23 33 53 00-0003	SF	3/4" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.64	3.51
23 33 53 00-0004	SF	1" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	15.10	4.68
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	18.45	4.68
23 33 53 00-0006	SF	2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	22.23	5.26
23 33 53 00-0007	SF	1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.35	3.99
23 33 53 00-0008	SF	3/4" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.52	3.99
23 33 53 00-0009	SF	1" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	15.01	5.31
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	18.21	5.31
23 33 53 00-0011	SF	2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	22.04	5.98

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2", R2, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket	2.25	3.19
23 33 53 00-0014	SF	1", R3.8, 1.5 Lb./CF, T150, Fiberglass Duct Liner Blanket	2.82	3.58
23 33 53 00-0015	SF	1", R4.1, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket	3.11	3.58
23 33 53 00-0016	SF	1", R4.3, 3 Lb./CF, T300, Fiberglass Duct Liner Blanket	3.91	3.58
23 33 53 00-0017	SF	1-1/2", T150, 1.5 Lb./CF, Fiberglass Duct Liner Blanket	3.33	3.99
23 33 53 00-0018	SF	2", R7.7, 1.5 Lb./CF, T150 Fiberglass Duct Liner Blanket	3.53	4.38
23 33 53 00-0019	SF	2", R8, 2 Lb./CF, T200 Fiberglass Duct Liner Blanket	5.25	4.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	66.49	21.92
		For Stainless Steel, Add	*27.18*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	70.48	23.91
		For Stainless Steel, Add	*27.18*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	81.82	25.25
		For Stainless Steel, Add	*37.61*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	92.90	26.57
		For Stainless Steel, Add	*47.70*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	124.10	29.23
		For Stainless Steel, Add	*78.77*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	88.28	26.57
		For Stainless Steel, Add	*42.16*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	117.27	33.21
		For Stainless Steel, Add	*61.01*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	125.65	37.85
		For Stainless Steel, Add	*59.90*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	153.72	44.50
		For Stainless Steel, Add	*77.65*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	175.61	53.15
		For Stainless Steel, Add	*83.20*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	219.76	66.43
		For Stainless Steel, Add	*104.28*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,290.12	39.85
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	1,060.02	33.21
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	1,050.70	36.53

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	2,011.84	408.20
		For 1/4" Static Pressure, Add	*95.57*	
		For 3/8" Static Pressure, Add	*191.14*	
		For 1/2" Static Pressure, Add	*262.81*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	2,097.17	409.44
		For 1/4" Static Pressure, Add	*102.39*	
		For 3/8" Static Pressure, Add	*204.79*	
		For 1/2" Static Pressure, Add	*281.58*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,267.83	408.20
		For 1/4" Static Pressure, Add	*116.05*	
		For 3/8" Static Pressure, Add	*232.09*	
		For 1/2" Static Pressure, Add	*319.13*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,438.49	409.44
		For 1/4" Static Pressure, Add	*129.70*	
		For 3/8" Static Pressure, Add	*259.40*	
		For 1/2" Static Pressure, Add	*356.68*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,857.92	490.34
		For 1/4" Static Pressure, Add	*150.18*	
		For 3/8" Static Pressure, Add	*300.36*	
		For 1/2" Static Pressure, Add	*412.99*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	3,284.50	533.24
		For 1/4" Static Pressure, Add	*177.48*	
		For 3/8" Static Pressure, Add	*354.97*	
		For 1/2" Static Pressure, Add	*488.08*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,471.36	583.51
		For 1/4" Static Pressure, Add	*184.31*	
		For 3/8" Static Pressure, Add	*368.62*	
		For 1/2" Static Pressure, Add	*506.85*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,956.38	612.93
		For 1/4" Static Pressure, Add	*218.44*	
		For 3/8" Static Pressure, Add	*436.88*	
		For 1/2" Static Pressure, Add	*600.71*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,774.80	766.16
		For 1/4" Static Pressure, Add	*259.40*	
		For 3/8" Static Pressure, Add	*518.80*	
		For 1/2" Static Pressure, Add	*713.35*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	5,388.94	817.64
		For 1/4" Static Pressure, Add	*300.36*	
		For 3/8" Static Pressure, Add	*600.72*	
		For 1/2" Static Pressure, Add	*825.98*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	6,323.03	942.68
		For 1/4" Static Pressure, Add	*354.97*	
		For 3/8" Static Pressure, Add	*709.94*	
		For 1/2" Static Pressure, Add	*976.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,908.47	395.95
		For 1/4" Static Pressure, Add	*89.41*	
		For 3/8" Static Pressure, Add	*178.82*	
		For 1/2" Static Pressure, Add	*245.87*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	2,023.07	409.44
		For 1/4" Static Pressure, Add	*96.47*	
		For 3/8" Static Pressure, Add	*192.93*	
		For 1/2" Static Pressure, Add	*265.28*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	2,090.46	422.92
		For 1/4" Static Pressure, Add	*99.60*	
		For 3/8" Static Pressure, Add	*199.21*	
		For 1/2" Static Pressure, Add	*273.91*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	2,212.15	437.62
		For 1/4" Static Pressure, Add	*106.92*	
		For 3/8" Static Pressure, Add	*213.85*	
		For 1/2" Static Pressure, Add	*294.04*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,492.93	454.79
		For 1/4" Static Pressure, Add	*126.79*	
		For 3/8" Static Pressure, Add	*253.58*	
		For 1/2" Static Pressure, Add	*348.68*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,629.16	471.95
		For 1/4" Static Pressure, Add	*134.90*	
		For 3/8" Static Pressure, Add	*269.79*	
		For 1/2" Static Pressure, Add	*370.96*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	2,941.38	490.34
		For 1/4" Static Pressure, Add	*156.86*	
		For 3/8" Static Pressure, Add	*313.71*	
		For 1/2" Static Pressure, Add	*431.35*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	3,315.23	490.34
		For 1/4" Static Pressure, Add	*186.89*	
		For 3/8" Static Pressure, Add	*373.78*	
		For 1/2" Static Pressure, Add	*513.94*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,841.76	533.24
		For 1/4" Static Pressure, Add	*222.21*	
		For 3/8" Static Pressure, Add	*444.42*	
		For 1/2" Static Pressure, Add	*611.08*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	4,555.48	646.02
		For 1/4" Static Pressure, Add	*261.43*	
		For 3/8" Static Pressure, Add	*522.85*	
		For 1/2" Static Pressure, Add	*718.92*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	5,186.61	646.02
		For 1/4" Static Pressure, Add	*311.48*	
		For 3/8" Static Pressure, Add	*622.96*	
		For 1/2" Static Pressure, Add	*856.57*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	5,709.45	681.57
		For 1/4" Static Pressure, Add	*347.79*	
		For 3/8" Static Pressure, Add	*695.58*	
		For 1/2" Static Pressure, Add	*956.43*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,235.91	720.80
		For 1/4" Static Pressure, Add	*383.77*	
		For 3/8" Static Pressure, Add	*767.54*	
		For 1/2" Static Pressure, Add	*1,055.37*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	7,108.66	942.68
		For 1/4" Static Pressure, Add	*418.28*	
		For 3/8" Static Pressure, Add	*836.56*	
		For 1/2" Static Pressure, Add	*1,150.27*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	8,109.76	943.90
		For 1/4" Static Pressure, Add	*498.37*	
		For 3/8" Static Pressure, Add	*996.74*	
		For 1/2" Static Pressure, Add	*1,370.52*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	9,161.82	1,114.06
		For 1/4" Static Pressure, Add	*555.29*	
		For 3/8" Static Pressure, Add	*1,110.57*	
		For 1/2" Static Pressure, Add	*1,527.04*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*

Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*

Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*

Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,355.71	269.32
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,939.60	279.50
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,996.13	222.74
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,084.51	305.24
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,136.11	323.62
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,204.60	337.11
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,273.94	359.17

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0012		13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,235.02	294.20
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,275.71	305.24
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,351.16	323.62
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,395.45	337.11
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,477.22	359.17
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,558.24	376.34
23 34 16 00-0019		15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,251.85	305.24
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,303.46	323.62
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,371.59	337.11
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,429.50	359.17
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,502.57	376.34
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,604.96	404.53
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,684.93	425.37
23 34 16 00-0027		16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,577.81	323.62
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,670.73	337.11
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,773.97	359.17
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,828.52	376.34
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,900.47	404.53
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,961.93	425.37
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,288.95	462.15
23 34 16 00-0035		18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,663.84	337.11
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,727.70	359.17
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,812.72	376.34
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,879.33	404.53
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,971.22	425.37
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,110.03	462.15
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,200.19	490.34
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,334.81	539.37
23 34 16 00-0044		20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,691.93	359.17
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,776.91	376.34
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,879.33	404.53
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,971.22	425.37
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,145.81	462.15
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,389.33	490.34
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,560.78	539.37
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,738.44	577.38
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,234.18	376.34
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,295.19	404.53
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,378.77	425.37
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,483.78	462.15
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,622.63	490.34
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,670.11	539.37
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,762.29	577.38
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,927.00	647.25
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,889.26	404.53
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,016.58	462.15
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,142.53	490.34
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,276.48	539.37
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,394.49	577.38
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,499.57	647.25
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,644.47	703.64
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,983.30	809.07
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,309.19	425.37
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,440.75	490.34
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,574.68	539.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,692.71	577.38
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,857.42	647.25
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,001.96	703.64
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,366.14	809.07
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,417.72	898.55
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*		
		Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,035.92	539.37
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,149.25	577.38
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,324.62	647.25
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,481.08	703.64
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,712.93	809.07
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,920.70	898.55
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,264.69	1,078.75
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,581.92	1,244.24
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,078.40	577.38
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,302.75	647.25
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,507.30	703.64
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,786.50	809.07
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,041.99	898.55
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,433.67	1,078.75
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,870.31	1,244.24
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	9,489.48	1,618.13
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,555.65	647.25
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,767.34	703.64
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,440.17	809.07
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,893.68	898.55
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,452.65	1,078.75
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,881.78	1,244.24
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,782.67	1,618.13
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	11,538.11	2,022.65
23 34 16 00-0108		Kitchen System Fans *(23 34 16 00-0001)*		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,434.15	159.36
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Backdraft Damper, Add	*177.41*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,685.22	159.36
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Backdraft Damper, Add	*177.41*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,478.31	159.36
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Wall Mounted Fan, Add	*99.13*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*183.57*	
		For Backdraft Damper, Add	*177.41*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,587.27	159.36
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Wall Mounted Fan, Add	*103.49*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*192.83*	
		For Backdraft Damper, Add	*177.41*	
		For Damper Motor, Add	*290.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,215.72	183.88
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*88.63*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*157.08*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,372.62	183.88
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*94.90*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*170.41*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,017.94	214.52
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*120.72*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*220.06*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,185.74	214.52
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*127.43*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*234.32*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,471.34	229.85
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*138.85*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*255.99*	
		For Backdraft Damper, Add	*252.36*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,732.85	229.85
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*149.31*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*278.22*	
		For Backdraft Damper, Add	*252.36*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,794.01	245.17
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*151.76*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*280.81*	
		For Backdraft Damper, Add	*252.36*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,162.29	245.17
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*166.49*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*312.12*	
		For Backdraft Damper, Add	*252.36*	
		For Damper Motor, Add	*290.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,794.54	275.81
		For Bird Screen, Add	*141.65*	
		For Wall Mounted Fan, Add	*191.78*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*360.65*	
		For Backdraft Damper, Add	*273.42*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	5,132.32	275.81
		For Bird Screen, Add	*141.65*	
		For Wall Mounted Fan, Add	*205.29*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*389.36*	
		For Backdraft Damper, Add	*273.42*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,084.90	306.46
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*243.40*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*465.12*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,196.04	306.46
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*247.84*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*474.56*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,760.45	306.46
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*270.42*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*522.54*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,032.85	306.46
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*281.31*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*545.69*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,743.87	337.11
		For Bird Screen, Add	*174.34*	
		For Wall Mounted Fan, Add	*309.75*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*600.92*	
		For Damper Motor, Add	*290.13*	
		For Backdraft Damper, Add	*357.73*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	8,057.13	337.11
		For Bird Screen, Add	*174.34*	
		For Wall Mounted Fan, Add	*322.29*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*627.55*	
		For Damper Motor, Add	*290.13*	
		For Backdraft Damper, Add	*357.73*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.	8,127.21	367.76
		For Bird Screen, Add	*174.34*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*628.30*	
		For Damper Motor, Add	*290.13*	
		For Backdraft Damper, Add	*416.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.	8,814.96	367.76
		For Bird Screen, Add	*174.34*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*686.76*	
		For Damper Motor, Add	*290.13*	
		For Backdraft Damper, Add	*416.22*	
23 34 16 00-0134		**Untempered Kitchen Make-Up Air Fans** *(23 34 16 00-0108)* Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135		**Direct Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,665.91	159.36
		For Extended Weatherhood, Add	*281.73*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,751.20	159.36
		For Extended Weatherhood, Add	*294.52*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,855.87	159.36
		For Extended Weatherhood, Add	*310.22*	
23 34 16 00-0139		**Belt Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,896.47	159.36
		For Extended Weatherhood, Add	*316.31*	
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,123.11	214.52
		For Extended Weatherhood, Add	*361.37*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,560.58	245.17
		For Extended Weatherhood, Add	*433.12*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,966.47	306.46
		For Extended Weatherhood, Add	*506.26*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,590.20	367.76
		For Extended Weatherhood, Add	*612.08*	
23 34 16 00-0145		**Replacement Parts** *(23 34 16 00-0001)*		
23 34 16 00-0146		**Replace Belts And Accessories** *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	895.24	398.00
23 34 16 00-0148	EA	Fan Belt, Replacement	147.68	53.97
23 34 16 00-0149		**Corrosive Fume Resistant Plastic** *(23 34 16 00-0001)*		
23 34 16 00-0150		**Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure** *(23 34 16 00-0149)*		
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,522.70	221.21
		For Explosion Proof Motor, Add	*912.05*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,085.52	265.72
		For Explosion Proof Motor, Add	*983.11*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,402.85	332.15
		For Explosion Proof Motor, Add	*1,160.78*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,019.63	443.08
		For Explosion Proof Motor, Add	*1,220.01*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	10,330.58	664.29
		For Explosion Proof Motor, Add	*1,350.30*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	17,818.42	1,328.58
		For Explosion Proof Motor, Add	*2,274.19*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	25,987.48	1,899.20
		For Explosion Proof Motor, Add	*3,328.37*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,522.70	221.21
		For Explosion Proof Motor, Add	*912.05*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,690.69	265.72
		For Explosion Proof Motor, Add	*923.89*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,823.55	332.15
		For Explosion Proof Motor, Add	*923.89*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	7,045.51	443.08
		For Explosion Proof Motor, Add	*923.89*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,698.86	664.29
		For Explosion Proof Motor, Add	*1,255.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,031.00	830.37
		For Explosion Proof Motor, Add	*1,255.54*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,270.66	950.20
		For Explosion Proof Motor, Add	*1,255.54*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,521.08	996.44
		For Explosion Proof Motor, Add	*1,279.23*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,821.47	1,107.10
		For Explosion Proof Motor, Add	*1,291.08*	

23 34 16 00-0168 In-Line Duct Fans *(23 34 16 00-0001)*

23 34 16 00-0169 Direct Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck SQ.

23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,719.22	159.36
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,199.92	171.62
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,412.74	183.88

23 34 16 00-0173 Belt Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck BSQ.

23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,521.66	183.88
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,897.94	214.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,261.46	214.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,570.51	214.52
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,474.32	245.17
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,997.70	245.17
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	5,087.70	306.46
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,376.62	306.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	5,580.29	306.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,452.53	367.76
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,695.62	367.76
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,994.36	367.76
		For Totally Enclosed Motor, Add	*85.00*	

23 34 16 00-0186 Bathroom Exhaust Fan, Low Profile *(23 34 16 00-0001)*

23 34 16 00-0187	EA	35 To 89 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B70)	278.83	46.10
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0188	EA	46 To 94 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B80)	278.83	46.10
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0189	EA	50 To 133 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B110)	300.77	46.10
		For Totally Enclosed Motor, Add	*85.00*	

23 34 16 00-0190 Centrifugal Upblast Exhaust Fan *(23 34 16 00-0001)*

23 34 16 00-0191	EA	65 To 133 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-060-VG)	1,511.58	269.32
23 34 16 00-0192	EA	143 To 250 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-070-VG)	1,607.48	269.32
23 34 16 00-0193	EA	133 To 325 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-080-VG)	1,659.90	279.50
23 34 16 00-0194	EA	204 To 549 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-090-VG)	1,721.76	279.50

23 34 16 00-0195 Centrifugal In-Line Fans *(23 34 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0196	EA	419 - 766 CFM, 115 V, Direct Drive In-Line Exhaust Fan (Greenheck CSP-A700-QD)	961.26	119.53
23 34 16 00-0197		**In-Line Cabinet Fans** *(23 34 16 00-0001)*		
23 34 16 00-0198	EA	77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	543.09	107.27
23 34 16 00-0199	EA	91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	543.09	107.27
23 34 16 00-0200	EA	82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	617.40	113.40
23 34 16 00-0201	EA	281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	683.50	113.40
23 34 16 00-0202	EA	190 CFM, 115 Volt, Direct Drive Cabinet Fan	864.06	113.40
23 34 16 00-0203	EA	217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	713.01	113.40
23 34 16 00-0204	EA	325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	816.77	113.40
23 34 16 00-0205	EA	250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan	1,549.14	113.40
23 34 16 00-0206	EA	419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	961.26	119.53
23 34 16 00-0207	EA	334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	977.54	119.53
23 34 16 00-0208	EA	350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan	1,612.28	119.53
23 34 16 00-0209	EA	527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	977.54	119.53
23 34 16 00-0210	EA	631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,318.29	119.53
23 34 16 00-0211	EA	752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,318.29	119.53
23 34 16 00-0212	EA	1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan	1,318.29	119.53
23 34 16 00-0213	EA	999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,432.22	119.53
23 34 16 00-0214		**Propeller And Ceiling Fans** *(23 34 16)*		
23 34 16 00-0215		**Direct Drive, Sidewall Propeller Exhaust Fan** *(23 34 16 00-0214)*		
		Note: Greenheck SE1.		
23 34 16 00-0216	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	760.15	131.17
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*206.94*	
		For Wall Mount Collar, Add	*296.50*	
23 34 16 00-0217	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	804.82	145.87
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*222.03*	
		For Wall Mount Collar, Add	*296.50*	
23 34 16 00-0218	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	891.17	161.81
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*243.09*	
		For Wall Mount Collar, Add	*304.27*	
23 34 16 00-0219	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,305.90	178.97
		For Backdraft Damper, Add	*291.01*	
		For Wall Mount Collar, Add	*309.86*	
		For Motor Side Guard, Add	*256.33*	
23 34 16 00-0220	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,095.53	198.58
		For Backdraft Damper, Add	*291.01*	
		For Wall Mount Collar, Add	*317.63*	
		For Motor Side Guard, Add	*272.80*	
23 34 16 00-0221	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,230.27	220.65
		For Backdraft Damper, Add	*353.87*	
		For Wall Mount Collar, Add	*325.38*	
		For Motor Side Guard, Add	*289.29*	
23 34 16 00-0222	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,401.16	245.17
		For Backdraft Damper, Add	*353.87*	
		For Wall Mount Collar, Add	*330.96*	
		For Motor Side Guard, Add	*312.31*	
23 34 16 00-0223		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0214)*		
		Note: Wall shutter 1/8" static pressure, with bird screen.		
23 34 16 00-0224	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,599.53	350.60
23 34 16 00-0225	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	2,977.28	408.20
23 34 16 00-0226	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	3,377.56	490.34
23 34 16 00-0227	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,702.37	612.93
23 34 16 00-0228	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	5,610.35	817.64
23 34 16 00-0229	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	7,793.26	1,225.86
23 34 16 00-0230	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	9,354.85	1,571.55
23 34 16 00-0231		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0214)*		
23 34 16 00-0232	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	133.63	
23 34 16 00-0233	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	307.68	
23 34 16 00-0234		**Reversible Ceiling Fans** *(23 34 16 00-0214)*		
23 34 16 00-0235		**4 Blade Ceiling Fans** *(23 34 16 00-0234)*		
23 34 16 00-0236	EA	42" 4-Blade Ceiling Fan, Three Speed	582.67	57.05
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.95*	
23 34 16 00-0237		**5 Blade Ceiling Fans** *(23 34 16 00-0234)*		
23 34 16 00-0238	EA	42" 5-Blade Ceiling Fan, Three Speed	638.56	141.19
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0239	EA	52" 5-Blade Ceiling Fan, Three Speed	729.90	141.19
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.12*	
23 34 16 00-0240		**3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0234)*		
23 34 16 00-0241	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	626.63	60.68
23 34 16 00-0242		**Ceiling Fan Down Rod** *(23 34 16 00-0234)*		
23 34 16 00-0243	EA	1' Ceiling Fan Down Rod	22.86	
23 34 16 00-0244	EA	1-1/2' Ceiling Fan Down Rod	30.54	
23 34 16 00-0245	EA	2' Ceiling Fan Down Rod	34.38	
23 34 16 00-0246	EA	3' Ceiling Fan Down Rod	46.74	
23 34 16 00-0247	EA	4' Ceiling Fan Down Rod	54.74	
23 34 16 00-0248	EA	5' Ceiling Fan Down Rod	67.60	
23 34 16 00-0249	EA	6' Ceiling Fan Down Rod	84.95	
23 34 16 00-0250		**Explosion Proof Industrial Blowers** *(23 34 16 00-0214)*		
23 34 16 00-0251	EA	355 To 500 CFM 1/3 HP Direct Drive Industrial Blower, To 1-1/4" S.P., Polypropylene (PP) Wheel, Polyvinyl Chloride (PVC) Housing, Explosion Proof	5,590.22	
23 34 16 00-0252	EA	355 To 500 CFM 1/3 HP Direct Drive Industrial Blower, To 1-1/4" S.P., Polyvinyl Chloride (PVC) Wheel And Housing, Explosion Proof	6,157.03	
23 34 16 00-0253	EA	355 To 500 CFM 1/3 HP Belt Drive Industrial Blower, To 1-1/4" S.P., Polypropylene (PP) Wheel, Polyvinyl Chloride (PVC) Housing, Explosion Proof	8,251.90	
23 34 16 00-0254	EA	355 To 500 CFM 1/3 HP Belt Drive Industrial Blower, To 1-1/4" S.P., Polyvinyl Chloride (PVC) Wheel And Housing, Explosion Proof	8,642.12	
23 34 16 00-0255	EA	355 To 500 CFM 1/3 HP Direct Drive Industrial Blower, To 1-1/4" S.P., Polypropylene (PP) Wheel, Polyvinyl Chloride (PVC) Housing, TEFC Motor Enclosure	5,080.90	
23 34 16 00-0256	EA	355 To 500 CFM 1/3 HP Direct Drive Industrial Blower, To 1-1/4" S.P., Polyvinyl Chloride (PVC) Wheel And Housing, TEFC Motor Enclosure	5,421.07	
23 34 16 00-0257	EA	355 To 500 CFM 1/3 HP Belt Drive Industrial Blower, To 1-1/4" S.P., Polypropylene (PP) Wheel, Polyvinyl Chloride (PVC) Housing, TEFC Motor Enclosure	7,501.86	
23 34 16 00-0258	EA	355 To 500 CFM 1/3 HP Belt Drive Industrial Blower, To 1-1/4" S.P., Polyvinyl Chloride (PVC) Wheel And Housing, TEFC Motor Enclosure	8,143.69	
23 34 16 00-0259		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0260		**Exhaust Fans** *(23 34 16 00-0259)* Note: Excludes ducting.		
23 34 16 00-0261		**Light Duty Exhaust Fans** *(23 34 16 00-0260)*		
23 34 16 00-0262		**Light Duty Exhaust Fans** *(23 34 16 00-0261)*		
23 34 16 00-0263	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	147.29	46.10
23 34 16 00-0264	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	156.50	46.10
23 34 16 00-0265	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	266.96	46.10
23 34 16 00-0266	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	340.83	46.10
23 34 16 00-0267	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	303.33	46.10
23 34 16 00-0268	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	408.22	46.10
23 34 16 00-0269		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0261)*		
23 34 16 00-0270	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	196.51	46.10
23 34 16 00-0271	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	219.56	46.10
23 34 16 00-0272	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	422.30	46.10
23 34 16 00-0273		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0261)*		
23 34 16 00-0274	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	201.50	46.10
23 34 16 00-0275	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	327.91	46.10
23 34 16 00-0276		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0261)*		
23 34 16 00-0277	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	349.82	46.10
23 34 16 00-0278	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	537.97	46.10
23 34 16 00-0279		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0260)*		
23 34 16 00-0280		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0279)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0281	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50)	236.31	46.10
23 34 16 00-0282	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80)	262.73	46.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0283	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	491.40	46.10
23 34 16 00-0284	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	503.65	46.10
23 34 16 00-0285	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	541.76	46.10
23 34 16 00-0286	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	566.11	46.10
23 34 16 00-0287	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	575.54	46.10
23 34 16 00-0288	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	660.61	46.10
23 34 16 00-0289	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	754.44	46.10
23 34 16 00-0290	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	807.88	46.10
23 34 16 00-0291	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	964.01	46.10
23 34 16 00-0292	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,242.13	46.10
23 34 16 00-0293		**Heavy-Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0279)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0294	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	510.78	46.10
23 34 16 00-0295	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	747.42	46.10
23 34 16 00-0296	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	791.25	46.10
23 34 16 00-0297		**Heavy-Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0279)*		
23 34 16 00-0298	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	257.95	46.10
23 34 16 00-0299	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	282.76	46.10
23 34 16 00-0300		**Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0279)*		
23 34 16 00-0301	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	268.84	46.10
23 34 16 00-0302	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	285.27	46.10
23 34 16 00-0303	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	293.20	46.10
23 34 16 00-0304		**Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0260)*		
23 34 16 00-0305	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,334.38	46.10
23 34 16 00-0306	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,334.38	46.10
23 34 16 00-0307	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,334.38	46.10
23 34 16 00-0308	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,465.60	46.10
23 34 16 00-0309		**Room-To-Room Exhaust Fans** *(23 34 16 00-0260)*		
23 34 16 00-0310	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	190.30	46.10
23 34 16 00-0311	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	324.47	46.10
23 34 16 00-0312	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	373.36	46.10
23 34 16 00-0313		**Through-Wall Exhaust Fans** *(23 34 16 00-0260)*		
23 34 16 00-0314	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	347.80	46.10
23 34 16 00-0315	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	415.19	46.10
23 34 16 00-0316	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	301.47	46.10
23 34 16 00-0317	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	408.22	46.10
23 34 16 00-0318	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	724.23	46.10
23 34 16 00-0319		**Exhaust Fan Accessories** *(23 34 16 00-0260)*		
23 34 16 00-0320		**Exhaust Fan Controls** *(23 34 16 00-0319)*		
23 34 16 00-0321	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	190.08	28.81
23 34 16 00-0322	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	130.48	28.81
23 34 16 00-0323	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	131.89	28.81
23 34 16 00-0324		**Roof And Wall Caps For Exhaust Fans** *(23 34 16 00-0319)*		
23 34 16 00-0325		**Wall Caps For Exhaust Fans** *(23 34 16 00-0324)*		
23 34 16 00-0326	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	317.17	66.53
23 34 16 00-0327	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	321.87	66.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0328		Roof Caps For Exhaust Fans *(23 34 16 00-0324)*		
		Note: Includes flashing and built in bird screen.		
23 34 16 00-0329	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	268.75	66.53
23 34 16 00-0330	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	390.60	66.53
23 34 16 00-0331	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	175.08	66.53
23 34 16 00-0332	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	211.63	66.53
23 34 16 00-0333		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0260)*		
		Note: Includes storage and cleaning.		
23 34 16 00-0334	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	91.93	

23 34 23 HVAC Power Ventilators *(23 34)*

23 34 23 00-0001		Power Roof Ventilators *(23 34 23)*		
23 34 23 00-0002		Direct Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*		
		Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	663.87	175.29
		Note: Three speed motor.		
		For 12" Roof Curb, Add	*231.55*	
		For Backdraft Damper, Add	*165.31*	
		For Solid State Speed Control, Add	*120.94*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	726.06	198.58
		Note: Three speed motor.		
		For 12" Roof Curb, Add	*231.55*	
		For Backdraft Damper, Add	*165.31*	
		For Solid State Speed Control, Add	*120.94*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,033.41	231.69
		For 12" Roof Curb, Add	*238.09*	
		For Backdraft Damper, Add	*177.41*	
		For Solid State Speed Control, Add	*120.94*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,065.74	261.11
		For 12" Roof Curb, Add	*238.09*	
		For Backdraft Damper, Add	*177.41*	
		For Solid State Speed Control, Add	*120.94*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,366.43	288.07
		For Solid State Speed Control, Add	*120.94*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,549.82	306.46
		For 12" Roof Curb, Add	*248.98*	
		For Backdraft Damper, Add	*201.45*	
		For Solid State Speed Control, Add	*188.50*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0009		Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*		
		Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,534.98	312.08
		For 12" Roof Curb, Add	*238.09*	
		For Backdraft Damper, Add	*177.41*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,673.44	331.31
		For 12" Roof Curb, Add	*248.98*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,262.56	395.95
		For 12" Roof Curb, Add	*248.98*	
		For Backdraft Damper, Add	*201.45*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,885.13	490.34
		For 12" Roof Curb, Add	*301.28*	
		For Backdraft Damper, Add	*252.36*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,803.66	612.93
		For 12" Roof Curb, Add	*325.26*	
		For Backdraft Damper, Add	*273.42*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,154.39	766.16
		For 12" Roof Curb, Add	*362.30*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,206.69	766.16
		For 12" Roof Curb, Add	*362.30*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,771.11	766.16
		For 12" Roof Curb, Add	*362.30*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,483.37	766.16
		For 12" Roof Curb, Add	*362.30*	
		For Backdraft Damper, Add	*303.43*	
		For Damper Motor, Add	*290.13*	
23 34 23 00-0019		**Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)*		
		Note: Includes back draft damper and bird screen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	8,830.53	942.68
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	14,498.58	1,225.48
23 34 23 00-0022		**Belt Drive Supply Fans** *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,479.10	489.48
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,706.26	612.81
23 34 23 00-0025		**Fan Thermostat** *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	145.49	
23 34 23 00-0027		**Power Wall Ventilators** *(23 34 23)*		
23 34 23 00-0028		**Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)*		
23 34 23 00-0029		**Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)*		
		Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	875.07	197.36
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*230.67*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*143.01*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,004.71	231.69
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*254.71*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*170.38*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,491.83	261.11
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*287.71*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*197.76*	
23 34 23 00-0033		**Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)*		
		Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,681.17	147.47
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*265.74*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*301.42*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,831.69	166.07
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*265.74*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*301.42*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	3,478.80	189.99
		For Solid State Speed Control, Add	*188.50*	
		For Backdraft Damper, Add	*333.78*	
		For Damper Motor, Add	*500.16*	
		For Interior Wall Grill, Add	*350.58*	
23 34 33		**Air Curtains** *(23 34)*		
23 34 33 00-0001		**Unheated Air Curtains For Entrances** *(23 34 33)*		
23 34 33 00-0002		**Unheated Air Curtains, Standard Velocity** *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	2,606.38	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	2,642.98	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	2,682.62	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	3,338.33	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	3,787.63	1,078.75
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	4,016.36	1,078.75
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	4,450.81	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	5,364.23	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	5,480.12	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	5,788.15	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0013		Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*		
23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	3,213.29	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	3,260.56	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	3,280.38	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	3,318.51	898.55
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	5,178.34	1,078.75
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	5,413.17	1,078.75
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	5,760.70	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	6,573.47	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated	6,658.87	1,244.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	6,991.30	1,244.24
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0024		**Service Window Unheated Air Curtains** *(23 34 33 00-0001)* Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls.	2,300.30	708.54
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0026		**Heated Air Curtains For Entrances** *(23 34 33)* Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	4,391.71	791.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	4,766.21	791.29
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	5,269.27	949.42
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	5,718.67	949.42
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	7,024.65	1,265.69
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	7,623.85	1,265.69
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	8,560.18	1,542.12
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	9,290.45	1,542.12
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	10,755.80	1,937.46
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	12,572.12	1,937.46
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	12,293.14	2,214.50
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	14,368.49	2,214.50
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	14,045.13	2,530.77
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	16,416.96	2,530.77
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,761.52	1,062.86
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,342.17	1,262.15
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,415.29	1,461.44
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	7,320.73	1,727.15
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	15,296.43	1,950.48
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	18,553.73	2,275.56
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	21,252.35	2,600.65
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	23,900.43	2,990.74
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	26,671.60	3,380.84

23 35 13 13-0011 Vacuum Tubing And Accessories *(23 35 13 13)*

23 35 13 13-0012 Vacuum Tubing *(23 35 13 13-0011)*

23 35 13 13-0013 Flexible Hose *(23 35 13 13-0012)*

23 35 13 13-0014	LF	2" Flexible Hose	13.42	2.20
23 35 13 13-0015	LF	3" Flexible Hose	16.06	2.45
23 35 13 13-0016	LF	4" Flexible Hose	17.42	2.70

23 35 13 13-0017 Galvanized Vacuum Tubing *(23 35 13 13-0012)*

23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	11.54	2.20
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	12.93	2.33
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	15.37	2.45
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	20.00	2.58
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	20.55	2.70
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	33.99	3.06
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	38.31	3.56
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	51.83	4.91
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	60.72	6.13
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	151.11	8.09

23 35 13 13-0028 Vacuum Fittings, Galvanized *(23 35 13 13-0011)*

23 35 13 13-0029 90 Degree Elbow *(23 35 13 13-0028)*

23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	58.07	14.10
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	71.73	15.08
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	89.32	16.42
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	105.32	17.77
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	125.38	19.61
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	206.76	21.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	274.22	24.52
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	491.62	32.73
23 35 13 13-0038		**45 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	54.44	14.10
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	68.74	15.08
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	79.29	16.42
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	93.99	17.77
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	114.92	19.61
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	170.45	21.82
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	220.82	24.52
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	401.90	32.73
23 35 13 13-0047		**Wye** *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	105.23	23.29
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	126.19	25.13
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	153.73	26.97
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	186.56	30.04
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	248.10	32.49
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	417.89	36.17
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	553.19	41.06
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	1,090.44	44.74
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,509.27	49.03
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,906.20	54.92
23 35 13 13-0058		**Reducer** *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	60.05	16.42
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	66.75	17.77
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	84.13	19.61
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	90.80	21.82
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	106.16	24.52
23 35 13 13-0064		**Air Gate Valve, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	410.63	32.73
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	430.17	34.93
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	494.06	37.63
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	562.70	40.21
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	634.21	42.66
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	748.80	48.67
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	862.36	54.55
23 35 16		**Engine Exhaust Systems** *(23 35)*		
23 35 16 16		**Mechanical Engine Exhaust Systems** *(23 35 16)*		
23 35 16 16-0001		**Overhead Tailpipe Exhaust System** *(23 35 16 16)*		
23 35 16 16-0002		**Overhead Tailpipe Exhaust Blowers** *(23 35 16 16-0001)*		
23 35 16 16-0003		**Overhead Direct Drive Tailpipe Exhaust Blowers** *(23 35 16 16-0002)*		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,874.18	261.11
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	4,478.59	533.24
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	6,235.52	646.02
23 35 16 16-0007		**Overhead Belt Drive Tailpipe Exhaust Blowers** *(23 35 16 16-0002)*		
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,354.12	533.24
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,636.68	646.02
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,544.69	1,022.37
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	6,784.09	1,319.01
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	8,575.66	1,571.55
23 35 16 16-0013		**Spiral Exhaust Duct Accessories** *(23 35 16 16-0001)*		
23 35 16 16-0014		**Flex Hose x Length** *(23 35 16 16-0013)*		
		Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	193.88	64.97
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	164.27	64.97
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	296.89	102.97
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	247.41	102.97
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	418.51	163.03
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	400.80	163.03
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	638.06	258.65
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	600.82	258.65
23 35 16 16-0023		**Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter** *(23 35 16 16-0013)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	217.49	64.97
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	314.13	102.97
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	183.39	64.97
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	263.53	102.97
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,775.36	87.52
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,539.58	160.59
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,699.93	160.59
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	81.33	12.50
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	91.18	12.50
23 35 16 16-0033		Flexible Hose *(23 35 16 16-0013)*		
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	27.57	3.06
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	34.68	3.43
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	40.84	3.56
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	47.87	3.80
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	21.41	3.06
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	25.07	3.43
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	28.64	3.56
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	31.89	3.80
23 35 16 16-0042		Accessories *(23 35 16 16-0001)*		
23 35 16 16-0043	EA	3" Tail Pipe Adapter	67.33	9.19
23 35 16 16-0044	EA	4" Tail Pipe Adapter	69.29	9.19
23 35 16 16-0045	EA	5" Tail Pipe Adapter	73.69	10.42
23 35 16 16-0046	EA	3" Bullnose (Guide)	37.27	6.13
23 35 16 16-0047	EA	4" Bullnose (Guide)	39.58	6.75
23 35 16 16-0048	EA	5" Bullnose (Guide)	42.23	7.35
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	270.74	69.50
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.16	
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,728.01	489.97
23 35 19 00-0002	EA	Hose Extension Kit 5'	446.04	108.85
23 36		**Air Terminal Units** *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Vertical Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,854.22	157.41
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	2,233.74	169.51
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	2,383.94	175.56
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	2,546.25	187.67
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,875.13	193.72
23 36 13 00-0007		Horizontal Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,570.10	157.41
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,878.43	169.51
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	2,245.10	178.60
23 36 13 00-0011		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0012		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,555.51	50.48
		For Boxes With Motor, Add	*271.25*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,721.86	54.47
		For Boxes With Motor, Add	*300.89*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,788.07	59.79
		For Boxes With Motor, Add	*309.78*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,820.26	62.44
		For Boxes With Motor, Add	*314.23*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,846.03	69.09
		For Boxes With Motor, Add	*314.23*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	2,111.47	77.06
		For Boxes With Motor, Add	*360.18*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	2,214.18	86.36
		For Boxes With Motor, Add	*373.52*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,347.27	103.63
		For Boxes With Motor, Add	*386.99*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,479.29	119.57
		For Boxes With Motor, Add	*400.20*	
23 36 13 00-0022		Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	2,193.53	50.48
		For Boxes With Motor, Add	*398.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,346.29	54.47
		For Boxes With Motor, Add	*425.78*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,447.98	59.79
		For Boxes With Motor, Add	*441.77*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,550.50	62.44
		For Boxes With Motor, Add	*460.28*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,576.27	69.09
		For Boxes With Motor, Add	*460.28*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,961.16	78.38
		For Boxes With Motor, Add	*530.12*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	3,236.80	86.36
		For Boxes With Motor, Add	*578.08*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,483.64	103.63
		For Boxes With Motor, Add	*614.26*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,633.75	119.57
		For Boxes With Motor, Add	*631.09*	

23 36 16 Variable-Air-Volume Units *(23 36)*

23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only	666.64	61.11
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only	745.68	69.09
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only	829.78	77.06
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only	884.60	86.36
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only	1,221.45	185.87
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only	1,466.22	220.54
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,412.06	61.11
		For Fan Powered Variable Air Volume Box, Add	*1,505.87*	
		For Hot Water Coils, Add	*474.68*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,526.08	69.09
		For Fan Powered Variable Air Volume Box, Add	*1,612.66*	
		For Hot Water Coils, Add	*507.41*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,596.72	77.06
		For Fan Powered Variable Air Volume Box, Add	*1,662.67*	
		For Hot Water Coils, Add	*521.60*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,664.99	86.36
		For Fan Powered Variable Air Volume Box, Add	*1,709.39*	
		For Hot Water Coils, Add	*534.69*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,929.19	185.87
		For Fan Powered Variable Air Volume Box, Add	*1,917.80*	
		For Hot Water Coils, Add	*595.80*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	2,233.16	220.54
		For Fan Powered Variable Air Volume Box, Add	*2,078.33*	
		For Hot Water Coils, Add	*636.18*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0016 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With analog electronic controls.

23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	2,340.46	61.11
		For Hot Water Coils, Add	*851.14*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	2,432.95	69.09
		For Hot Water Coils, Add	*875.15*	
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,517.05	77.06
		For Hot Water Coils, Add	*894.79*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,636.45	86.36
		For Hot Water Coils, Add	*928.62*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,903.34	185.87
		For Hot Water Coils, Add	*990.82*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,957.16	185.87
		For Hot Water Coils, Add	*1,012.64*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With flow control installation, plenum system power box, thermostat.

23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,600.55	120.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,749.64	137.51
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,872.08	155.31
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	2,052.67	173.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	2,307.09	199.28
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,531.39	239.15
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) *(23 36 16 00-0001)*

23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	647.44	83.04
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	702.72	91.34
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	759.55	99.64
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	818.03	107.95
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	878.29	116.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	940.43	124.55
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	1,009.80	132.86
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	1,076.50	141.16
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	1,145.55	149.47
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,217.09	157.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,291.34	166.07
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,368.43	174.38
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,448.61	182.68
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,524.97	190.99
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,611.46	199.28
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	135.87	17.27
		For Steel Construction, Deduct	*-10.13*	
		For Surface Mount, Deduct	*-8.10*	
		For Diffuser Without Damper, Deduct	*-13.51*	
		For Stainless Steel, Add	*151.97*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	150.88	17.27
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*185.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	150.88	17.27
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*185.74*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	181.27	21.26
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*222.32*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	181.27	19.93
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*222.32*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	208.79	19.93
		For Steel Construction, Deduct	*-18.95*	
		For Surface Mount, Deduct	*-15.16*	
		For Diffuser Without Damper, Deduct	*-25.27*	
		For Stainless Steel, Add	*284.24*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	239.36	26.57
		For Steel Construction, Deduct	*-20.37*	
		For Surface Mount, Deduct	*-16.30*	
		For Diffuser Without Damper, Deduct	*-27.17*	
		For Stainless Steel, Add	*305.62*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	278.32	27.90
		For Steel Construction, Deduct	*-25.44*	
		For Surface Mount, Deduct	*-20.35*	
		For Diffuser Without Damper, Deduct	*-33.92*	
		For Stainless Steel, Add	*381.62*	
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	315.15	31.89
		For Steel Construction, Deduct	*-28.29*	
		For Surface Mount, Deduct	*-22.63*	
		For Lay-In Mount, Deduct	*-22.63*	
		For Diffuser Without Damper, Deduct	*-37.72*	
		For Stainless Steel, Add	*424.40*	

23 37 13 13-0012 Ceiling Diffusers With Louver Face *(23 37 13 13-0001)*

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	140.88	17.27
		For Steel Construction, Deduct	*-10.88*	
		For Flush Mount, Add	*10.88*	
		For Stainless Steel, Add	*163.24*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	160.39	17.27
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*207.14*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	160.39	17.27
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*207.14*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	192.53	19.93
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*247.66*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	192.53	21.26
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*247.66*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	248.06	26.57
		For Steel Construction, Deduct	*-21.61*	
		For Flush Mount, Add	*21.61*	
		For Stainless Steel, Add	*324.20*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	221.54	26.57
		For Steel Construction, Deduct	*-17.64*	
		For Flush Mount, Add	*17.64*	
		For Stainless Steel, Add	*264.53*	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	276.71	31.89
		For Steel Construction, Deduct	*-22.63*	
		For Flush Mount, Add	*22.63*	
		For Stainless Steel, Add	*339.39*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	320.33	35.88
		For Steel Construction, Deduct	*-28.14*	
		For Flush Mount, Add	*28.14*	
		For Stainless Steel, Add	*422.15*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	350.06	70.28
		For Steel Construction, Deduct	*-31.41*	
		For Flush Mount, Add	*31.41*	
		For Lay-In Mount, Add	*41.88*	
		For Stainless Steel, Add	*471.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0023		**Round Ceiling Diffusers With Fixed Pattern** *(23 37 13 13-0001)* Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	230.71	17.27
		For Steel Construction, Deduct	*-48.71*	
		For Stainless Steel, Add	*365.36*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	239.04	17.27
		For Steel Construction, Deduct	*-51.21*	
		For Stainless Steel, Add	*384.10*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	269.82	21.26
		For Steel Construction, Deduct	*-56.21*	
		For Stainless Steel, Add	*421.56*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	290.64	19.93
		For Steel Construction, Deduct	*-62.45*	
		For Stainless Steel, Add	*468.41*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	416.24	23.91
		For Steel Construction, Deduct	*-96.18*	
		For Stainless Steel, Add	*721.33*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	438.97	25.25
		For Steel Construction, Deduct	*-101.80*	
		For Stainless Steel, Add	*763.49*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	462.03	26.57
		For Steel Construction, Deduct	*-107.42*	
		For Stainless Steel, Add	*805.64*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	534.32	26.57
		For Steel Construction, Deduct	*-127.68*	
		For Stainless Steel, Add	*957.62*	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	637.70	30.56
		For Steel Construction, Deduct	*-155.44*	
		For Stainless Steel, Add	*1,165.79*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	718.02	31.89
		For Steel Construction, Deduct	*-177.65*	
		For Stainless Steel, Add	*1,332.34*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	857.74	35.88
		For Steel Construction, Deduct	*-215.12*	
		For Stainless Steel, Add	*1,613.39*	
23 37 13 13-0035		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 13-0001)* Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	243.20	17.27
		For Steel Construction, Deduct	*-17.49*	
		For Flush Mount, Deduct	*-8.74*	
		For Stainless Steel, Add	*393.46*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	264.71	17.27
		For Steel Construction, Deduct	*-19.64*	
		For Flush Mount, Deduct	*-9.82*	
		For Stainless Steel, Add	*441.86*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	299.89	21.26
		For Steel Construction, Deduct	*-21.74*	
		For Flush Mount, Deduct	*-10.87*	
		For Stainless Steel, Add	*489.22*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	323.95	21.26
		For Steel Construction, Deduct	*-24.15*	
		For Flush Mount, Deduct	*-12.07*	
		For Stainless Steel, Add	*543.35*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	470.37	23.91
		For Steel Construction, Deduct	*-37.47*	
		For Flush Mount, Deduct	*-18.74*	
		For Stainless Steel, Add	*843.12*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	410.35	25.25
		For Steel Construction, Deduct	*-40.04*	
		For Flush Mount, Deduct	*-20.02*	
		For Stainless Steel, Add	*900.88*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	530.04	26.57
		For Steel Construction, Deduct	*-42.61*	
		For Flush Mount, Deduct	*-21.30*	
		For Stainless Steel, Add	*958.66*	
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	615.28	27.90
		For Steel Construction, Deduct	*-50.66*	
		For Flush Mount, Deduct	*-25.33*	
		For Stainless Steel, Add	*1,139.78*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	695.07	30.56
		For Steel Construction, Deduct	*-57.55*	
		For Flush Mount, Deduct	*-28.78*	
		For Stainless Steel, Add	*1,294.88*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	842.93	31.89
		For Steel Construction, Deduct	*-71.71*	
		For Flush Mount, Deduct	*-35.85*	
		For Stainless Steel, Add	*1,613.39*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,015.49	35.88
		For Steel Construction, Deduct	*-87.48*	
		For Flush Mount, Deduct	*-43.74*	
		For Stainless Steel, Add	*1,968.32*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,125.14	74.80
		For Stainless Steel, Add	*2,195.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0048		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 13-0001)*		
23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	184.79	19.93
		For Stainless Steel, Add	*236.41*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	199.08	19.93
		For Stainless Steel, Add	*268.56*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	216.65	19.93
		For Stainless Steel, Add	*308.09*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	233.77	19.93
		For Stainless Steel, Add	*346.61*	
23 37 13 13-0053		**Drum Louver Diffusers, Drop Box** *(23 37 13 13)*		
23 37 13 13-0054		**Drum Louver Diffusers, Four Way Drop Box** *(23 37 13 13-0053)*		
23 37 13 13-0055	EA	20" Square x 11-1/2" Depth, 16" Square Top Opening, 1,000 To 2,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 12" x 6" aluminum drum louvers and duct cap on bottom.	1,298.85	116.65
23 37 13 13-0056	EA	26" Square x 11-1/2" Depth, 20" Square Top Opening, 1,800 To 3,300 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 18" x 6" aluminum drum louvers and duct cap on bottom.	1,410.91	133.79
23 37 13 13-0057	EA	32" Square x 11-1/2" Depth, 26" Square Top Opening, 2,400 To 4,400 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 24" x 6" aluminum drum louvers and duct cap on bottom.	1,614.44	162.62
23 37 13 13-0058	EA	30" Square x 15" Depth, 22" Square Top Opening, 3,400 To 6,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 20" x 10" aluminum drum louvers and duct cap on bottom.	1,708.03	182.01
23 37 13 13-0059	EA	35" Square x 15" Depth, 27" Square Top Opening, 4,000 To 7,600 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 25" x 10" aluminum drum louvers and duct cap on bottom.	1,821.29	197.69
23 37 13 13-0060	EA	40" Square x 15" Depth, 32" Square Top Opening, 5,000 To 9,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 30" x 10" aluminum drum louvers and duct cap on bottom.	2,186.83	221.74
23 37 13 13-0061	EA	40" Square x 17" Depth, 32" Square Top Opening, 6,000 To 11,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 30" x 12" aluminum drum louvers and duct cap on bottom.	2,474.56	245.92
23 37 13 13-0062	EA	47" Square x 17" Depth, 37" Square Top Opening, 7,000 To 13,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 35" x 12" aluminum drum louvers and duct cap on bottom.	2,907.50	297.87
23 37 13 13-0063	EA	47" Square x 20" Depth, 37" Square Top Opening, 8,700 To 16,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 35" x 15" aluminum drum louvers and duct cap on bottom.	3,036.31	298.93
23 37 13 13-0064	EA	52" Square x 20" Depth, 42" Square Top Opening, 10,000 To 18,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 40" x 15" aluminum drum louvers and duct cap on bottom.	3,492.98	327.36
23 37 13 13-0065	EA	62" Square x 20" Depth, 50" Square Top Opening, 12,500 To 23,000 CFM, Four Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and four 50" x 15" aluminum drum louvers and duct cap on bottom.	4,376.54	363.24
23 37 13 13-0066		**Drum Louver Diffusers, Six Way Drop Box** *(23 37 13 13-0053)*		
23 37 13 13-0067	EA	41.25" x 35.72" x 11-1/2" Depth, 20" Square Top Opening, 1,000 To 2,000 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 9" x 6" aluminum drum louvers and duct cap on bottom.	2,061.55	148.14
23 37 13 13-0068	EA	41.25" x 35.72" x 11-1/2" Depth, 20" Square Top Opening, 1,800 To 3,300 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 12" x 6" aluminum drum louvers and duct cap on bottom.	2,196.85	175.11
23 37 13 13-0069	EA	53.25" x 46.12" x 11" Depth, 24" Square Top Opening, 2,700 To 5,000 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 18" x 6" aluminum drum louvers and duct cap on bottom.	2,455.03	200.62
23 37 13 13-0070	EA	57.25" x 49.58" x 15" Depth, 28" Square Top Opening, 5,000 To 9,000 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 20" x 10" aluminum drum louvers and duct cap on bottom.	3,081.82	273.02
23 37 13 13-0071	EA	67.25" x 58.25" x 15" Depth, 33" Square Top Opening, 6,200 To 11,400 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 25" x 10" aluminum drum louvers and duct cap on bottom.	3,546.77	296.40
23 37 13 13-0072	EA	77.25" x 66.90" x 15" Depth, 38" Square Top Opening, 7,500 To 13,500 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 30" x 10" aluminum drum louvers and duct cap on bottom.	4,407.31	332.67
23 37 13 13-0073	EA	77.25" x 66.90" x 20" Depth, 38" Square Top Opening, 11,250 To 18,750 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 30" x 15" aluminum drum louvers and duct cap on bottom.	5,677.47	405.74
23 37 13 13-0074	EA	87.25" x 75.56" x 20" Depth, 40" Square Top Opening, 13,100 To 24,000 CFM, Six Way, Galvanized Drum Louver Drop Box Note: Includes 2" thick R-8 insulation and six 35" x 15" aluminum drum louvers and duct cap on bottom.	6,593.91	448.39
23 37 13 13-0075		**Wall And Floor Diffusers** *(23 37 13 13)*		
23 37 13 13-0076		**Slot Type Linear Diffusers** *(23 37 13 13-0075)* Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0077	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	62.60	6.64
		For 3/4" Border, Add	*8.68*	
		For Floor Mounted Diffusers, Add	*10.41*	
		For Stainless Steel, Add	*41.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0078	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	76.81	7.97
		For 3/4" Border, Add	*11.57*	
		For Floor Mounted Diffusers, Add	*13.88*	
		For Stainless Steel, Add	*55.51*	
23 37 13 13-0079	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	107.42	9.30
		For 3/4" Border, Add	*18.22*	
		For Floor Mounted Diffusers, Add	*21.86*	
		For Stainless Steel, Add	*87.43*	
23 37 13 13-0080	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	142.60	9.30
		For 3/4" Border, Add	*26.02*	
		For Floor Mounted Diffusers, Add	*31.23*	
		For Stainless Steel, Add	*124.91*	
23 37 13 13-0081	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	179.20	10.63
		For 3/4" Border, Add	*33.83*	
		For Floor Mounted Diffusers, Add	*40.60*	
		For Stainless Steel, Add	*162.38*	
23 37 13 13-0082	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	210.05	13.28
		For 3/4" Border, Add	*39.90*	
		For Floor Mounted Diffusers, Add	*47.88*	
		For Stainless Steel, Add	*191.52*	

23 37 13 13-0083 Linear Bar Grilles And Registers *(23 37 13 13-0075)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 13-0084	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	198.25	7.97
		For Floor Mount, Add	*16.77*	
		For Opposed Blade Damper, Add	*33.54*	
		For Stainless Steel, Add	*201.24*	
23 37 13 13-0085	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	236.95	9.30
		For Floor Mount, Add	*20.24*	
		For Opposed Blade Damper, Add	*40.48*	
		For Stainless Steel, Add	*242.87*	
23 37 13 13-0086	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	258.25	9.30
		For Floor Mount, Add	*21.97*	
		For Opposed Blade Damper, Add	*43.95*	
		For Stainless Steel, Add	*263.69*	
23 37 13 13-0087	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	316.45	13.28
		For Floor Mount, Add	*26.60*	
		For Opposed Blade Damper, Add	*53.20*	
		For Stainless Steel, Add	*319.20*	
23 37 13 13-0088	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	437.83	17.27
		For Floor Mount, Add	*37.01*	
		For Opposed Blade Damper, Add	*74.02*	
		For Stainless Steel, Add	*444.11*	
23 37 13 13-0089	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	504.60	19.93
		For Floor Mount, Add	*42.21*	
		For Opposed Blade Damper, Add	*84.43*	
		For Stainless Steel, Add	*506.57*	

23 37 13 13-0090 Return/Exhaust Registers And Grilles *(23 37 13 13)*

23 37 13 13-0091 Return/Exhaust Registers With Frame *(23 37 13 13-0090)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 13-0092	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	134.34	10.63
		For Steel Construction, Deduct	*-18.62*	
		For Grilles (No Damper), Deduct	*-37.24*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.31*	
		For Cube Core Lay In, Add	*18.62*	
		For Stainless Steel, Add	*209.48*	
23 37 13 13-0093	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	154.58	10.63
		For Steel Construction, Deduct	*-22.67*	
		For Grilles (No Damper), Deduct	*-45.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.33*	
		For Cube Core Lay In, Add	*22.67*	
		For Stainless Steel, Add	*255.02*	
23 37 13 13-0094	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	173.31	11.96
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*282.33*	
23 37 13 13-0095	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	181.09	13.28
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*282.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0096	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	173.00	13.28
		For Steel Construction, Deduct	*-23.48*	
		For Grilles (No Damper), Deduct	*-46.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.74*	
		For Cube Core Lay In, Add	*23.48*	
		For Stainless Steel, Add	*264.13*	
23 37 13 13-0097	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	222.15	17.27
		For Steel Construction, Deduct	*-30.76*	
		For Grilles (No Damper), Deduct	*-61.53*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.38*	
		For Cube Core Lay In, Add	*30.76*	
		For Stainless Steel, Add	*346.10*	
23 37 13 13-0098	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	266.12	19.93
		For Steel Construction, Deduct	*-36.73*	
		For Grilles (No Damper), Deduct	*-73.46*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*18.37*	
		For Cube Core Lay In, Add	*36.73*	
		For Stainless Steel, Add	*413.24*	
23 37 13 13-0099	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	326.37	23.91
		For Steel Construction, Deduct	*-46.14*	
		For Grilles (No Damper), Deduct	*-92.29*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.07*	
		For Cube Core Lay In, Add	*46.14*	
		For Stainless Steel, Add	*519.12*	
23 37 13 13-0100	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	383.37	26.57
		For Steel Construction, Deduct	*-55.88*	
		For Grilles (No Damper), Deduct	*-111.76*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.94*	
		For Cube Core Lay In, Add	*55.88*	
		For Stainless Steel, Add	*628.65*	
23 37 13 13-0101	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	342.41	26.57
		For Steel Construction, Deduct	*-46.74*	
		For Grilles (No Damper), Deduct	*-93.48*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.37*	
		For Cube Core Lay In, Add	*46.74*	
		For Stainless Steel, Add	*525.83*	
23 37 13 13-0102	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	392.05	26.57
		For Steel Construction, Deduct	*-56.67*	
		For Grilles (No Damper), Deduct	*-113.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.33*	
		For Cube Core Lay In, Add	*56.67*	
		For Stainless Steel, Add	*637.52*	
23 37 13 13-0103	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	413.25	30.56
		For Steel Construction, Deduct	*-58.74*	
		For Grilles (No Damper), Deduct	*-117.47*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.37*	
		For Cube Core Lay In, Add	*58.74*	
		For Stainless Steel, Add	*660.78*	
23 37 13 13-0104	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	437.98	31.89
		For Steel Construction, Deduct	*-62.42*	
		For Grilles (No Damper), Deduct	*-124.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*31.21*	
		For Cube Core Lay In, Add	*62.42*	
		For Stainless Steel, Add	*702.25*	
23 37 13 13-0105	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	504.97	35.88
		For Steel Construction, Deduct	*-72.86*	
		For Grilles (No Damper), Deduct	*-145.72*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*36.43*	
		For Cube Core Lay In, Add	*72.86*	
		For Stainless Steel, Add	*819.65*	
23 37 13 13-0106	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	565.06	42.52
		For Steel Construction, Deduct	*-78.85*	
		For Grilles (No Damper), Deduct	*-157.70*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*39.42*	
		For Cube Core Lay In, Add	*78.85*	
		For Stainless Steel, Add	*887.04*	
23 37 13 13-0107	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	736.46	42.52
		For Steel Construction, Deduct	*-113.13*	
		For Grilles (No Damper), Deduct	*-226.26*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*56.56*	
		For Cube Core Lay In, Add	*113.13*	
		For Stainless Steel, Add	*1,272.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0108	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	609.85	46.50
		For Steel Construction, Deduct	*-85.18*	
		For Grilles (No Damper), Deduct	*-170.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*42.59*	
		For Cube Core Lay In, Add	*85.18*	
		For Stainless Steel, Add	*958.25*	
23 37 13 13-0109	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	593.57	45.17
		For Steel Construction, Deduct	*-81.92*	
		For Grilles (No Damper), Deduct	*-163.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*40.96*	
		For Cube Core Lay In, Add	*81.92*	
		For Stainless Steel, Add	*921.62*	
23 37 13 13-0110	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	676.31	50.48
		For Steel Construction, Deduct	*-95.41*	
		For Grilles (No Damper), Deduct	*-190.81*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*47.70*	
		For Cube Core Lay In, Add	*95.41*	
		For Stainless Steel, Add	*1,073.32*	
23 37 13 13-0111	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	919.46	54.47
		For Steel Construction, Deduct	*-140.41*	
		For Grilles (No Damper), Deduct	*-280.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*70.21*	
		For Cube Core Lay In, Add	*140.41*	
		For Stainless Steel, Add	*1,579.64*	
23 37 13 13-0112	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	406.67	30.69
		For Steel Construction, Deduct	*-56.81*	
		For Grilles (No Damper), Deduct	*-113.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.41*	
		For Cube Core Lay In, Add	*56.81*	
		For Stainless Steel, Add	*639.11*	
23 37 13 13-0113	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	702.84	45.99
		For Steel Construction, Deduct	*-103.78*	
		For Grilles (No Damper), Deduct	*-207.55*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*51.89*	
		For Cube Core Lay In, Add	*103.78*	
		For Stainless Steel, Add	*1,167.48*	
23 37 13 13-0114	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	813.61	54.47
		For Steel Construction, Deduct	*-119.08*	
		For Grilles (No Damper), Deduct	*-238.16*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*59.54*	
		For Cube Core Lay In, Add	*119.08*	
		For Stainless Steel, Add	*1,339.67*	

23 37 13 13-0115 Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0090)*

Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.

23 37 13 13-0116	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	123.82	10.63
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*185.81*	
23 37 13 13-0117	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	123.82	10.63
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*185.81*	
23 37 13 13-0118	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	152.27	11.96
		For Steel Construction, Deduct	*-10.44*	
		For Flat Frame, Deduct	*-1.04*	
		For Grilles (No Damper), Deduct	*-20.89*	
		For Stainless Steel, Add	*234.99*	
23 37 13 13-0119	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	174.62	14.62
		For Steel Construction, Deduct	*-11.90*	
		For Flat Frame, Deduct	*-1.19*	
		For Grilles (No Damper), Deduct	*-23.80*	
		For Stainless Steel, Add	*267.77*	
23 37 13 13-0120	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	172.19	13.28
		For Steel Construction, Deduct	*-11.66*	
		For Flat Frame, Deduct	*-1.17*	
		For Grilles (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*262.31*	
23 37 13 13-0121	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	223.77	17.27
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-1.55*	
		For Grilles (No Damper), Deduct	*-31.09*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0122	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	363.38	21.26
		For Steel Construction, Deduct	*-28.09*	
		For Flat Frame, Deduct	*-2.81*	
		For Grilles (No Damper), Deduct	*-56.18*	
		For Stainless Steel, Add	*632.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0123	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	438.10	23.91
		For Steel Construction, Deduct	*-34.25*	
		For Flat Frame, Deduct	*-3.42*	
		For Grilles (No Damper), Deduct	*-68.49*	
		For Stainless Steel, Add	*770.51*	
23 37 13 13-0124	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	495.00	26.57
		For Steel Construction, Deduct	*-39.10*	
		For Flat Frame, Deduct	*-3.91*	
		For Grilles (No Damper), Deduct	*-78.21*	
		For Stainless Steel, Add	*879.82*	
23 37 13 13-0125	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	409.87	26.57
		For Steel Construction, Deduct	*-30.12*	
		For Flat Frame, Deduct	*-3.01*	
		For Grilles (No Damper), Deduct	*-60.23*	
		For Stainless Steel, Add	*677.61*	
23 37 13 13-0126	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	555.60	27.90
		For Steel Construction, Deduct	*-44.69*	
		For Flat Frame, Deduct	*-4.47*	
		For Grilles (No Damper), Deduct	*-89.38*	
		For Stainless Steel, Add	*1,005.50*	
23 37 13 13-0127	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	649.03	30.56
		For Steel Construction, Deduct	*-52.95*	
		For Flat Frame, Deduct	*-5.29*	
		For Grilles (No Damper), Deduct	*-105.89*	
		For Stainless Steel, Add	*1,191.29*	
23 37 13 13-0128	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	495.04	31.89
		For Steel Construction, Deduct	*-36.92*	
		For Flat Frame, Deduct	*-3.69*	
		For Grilles (No Damper), Deduct	*-73.83*	
		For Stainless Steel, Add	*830.63*	
23 37 13 13-0129	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	684.72	35.88
		For Steel Construction, Deduct	*-54.40*	
		For Flat Frame, Deduct	*-5.44*	
		For Grilles (No Damper), Deduct	*-108.81*	
		For Stainless Steel, Add	*1,224.09*	
23 37 13 13-0130	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	824.15	42.52
		For Steel Construction, Deduct	*-65.33*	
		For Flat Frame, Deduct	*-6.53*	
		For Grilles (No Damper), Deduct	*-130.67*	
		For Stainless Steel, Add	*1,469.99*	
23 37 13 13-0131	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	946.80	42.52
		For Steel Construction, Deduct	*-77.60*	
		For Flat Frame, Deduct	*-7.76*	
		For Grilles (No Damper), Deduct	*-155.20*	
		For Stainless Steel, Add	*1,745.96*	
23 37 13 13-0132	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	638.13	45.17
		For Steel Construction, Deduct	*-45.42*	
		For Flat Frame, Deduct	*-4.54*	
		For Grilles (No Damper), Deduct	*-90.83*	
		For Stainless Steel, Add	*1,021.88*	
23 37 13 13-0133	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	871.29	45.17
		For Steel Construction, Deduct	*-68.73*	
		For Flat Frame, Deduct	*-6.87*	
		For Grilles (No Damper), Deduct	*-137.47*	
		For Stainless Steel, Add	*1,546.49*	
23 37 13 13-0134	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,010.48	50.48
		For Steel Construction, Deduct	*-81.12*	
		For Flat Frame, Deduct	*-8.11*	
		For Grilles (No Damper), Deduct	*-162.24*	
		For Stainless Steel, Add	*1,825.20*	
23 37 13 13-0135	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,182.82	54.47
		For Steel Construction, Deduct	*-96.54*	
		For Flat Frame, Deduct	*-9.65*	
		For Grilles (No Damper), Deduct	*-193.08*	
		For Stainless Steel, Add	*2,172.20*	
23 37 13 13-0136	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,250.83	54.47
		For Steel Construction, Deduct	*-103.34*	
		For Flat Frame, Deduct	*-10.33*	
		For Grilles (No Damper), Deduct	*-206.69*	
		For Stainless Steel, Add	*2,325.22*	

23 37 13 13-0137 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0090)*

23 37 13 13-0138	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	63.15	13.00
23 37 13 13-0139	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	63.15	13.00
23 37 13 13-0140	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	68.58	13.00
23 37 13 13-0141	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.76	13.00
23 37 13 13-0142	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	68.58	13.00
23 37 13 13-0143	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.76	13.00
23 37 13 13-0144	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	85.19	17.04
23 37 13 13-0145	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.37	17.04
23 37 13 13-0146	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	83.02	17.04
23 37 13 13-0147	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.37	17.04
23 37 13 13-0148	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.54	17.04
23 37 13 13-0149	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.72	17.04
23 37 13 13-0150	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	88.45	17.04
23 37 13 13-0151	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	92.80	17.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0152	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	94.98	17.04
23 37 13 13-0153	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	104.76	17.04
23 37 13 13-0154	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	92.80	17.04
23 37 13 13-0155	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	100.41	17.04
23 37 13 13-0156	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	104.76	17.04
23 37 13 13-0157	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	134.72	25.13
23 37 13 13-0158	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	136.89	25.13
23 37 13 13-0159	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	132.54	25.13
23 37 13 13-0160	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	162.19	29.18
23 37 13 13-0161	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	130.37	25.13
23 37 13 13-0162	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	173.06	29.18
23 37 13 13-0163	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	90.63	17.04
23 37 13 13-0164	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	132.54	25.13
23 37 13 13-0165	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	194.02	33.22
23 37 13 13-0166	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	130.37	25.13
23 37 13 13-0167	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	134.72	25.13
23 37 13 13-0168	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	155.67	29.18
		For Lay-In Installation, Deduct	*-61.63*	
23 37 13 13-0169	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	162.19	29.18
23 37 13 13-0170	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	180.97	33.22
23 37 13 13-0171	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	187.50	33.22
23 37 13 13-0172	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	195.11	33.22
23 37 13 13-0173	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	209.24	33.22
		For Lay-In Installation, Deduct	*-70.56*	
23 37 13 13-0174	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	158.93	29.18
23 37 13 13-0175	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	257.10	36.41
23 37 13 13-0176	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	439.27	44.50
		For Lay-In Installation, Deduct	*-101.54*	

23 37 13 13-0177 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0178 Adjustable Curved Blade Register *(23 37 13 13-0177)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0179	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	111.94	10.63
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*159.26*	
23 37 13 13-0180	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	116.10	10.63
		For Steel Construction, Deduct	*-11.24*	
		For Lay In Frame, Deduct	*-18.74*	
		For Three Way Pattern, Deduct	*-7.49*	
		For Two Way Pattern, Deduct	*-6.00*	
		For One Way Pattern, Deduct	*-6.00*	
		For Grille (No Damper), Deduct	*-11.24*	
		For Stainless Steel, Add	*168.62*	
23 37 13 13-0181	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	126.52	14.62
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*159.26*	
23 37 13 13-0182	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	141.79	13.28
		For Steel Construction, Deduct	*-12.91*	
		For Lay In Frame, Deduct	*-21.51*	
		For Three Way Pattern, Deduct	*-8.61*	
		For Two Way Pattern, Deduct	*-6.88*	
		For One Way Pattern, Deduct	*-6.88*	
		For Grille (No Damper), Deduct	*-12.91*	
		For Stainless Steel, Add	*193.61*	
23 37 13 13-0183	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	170.44	17.27
		For Steel Construction, Deduct	*-15.41*	
		For Lay In Frame, Deduct	*-25.68*	
		For Three Way Pattern, Deduct	*-10.27*	
		For Two Way Pattern, Deduct	*-8.22*	
		For One Way Pattern, Deduct	*-8.22*	
		For Grille (No Damper), Deduct	*-15.41*	
		For Stainless Steel, Add	*231.08*	
23 37 13 13-0184	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	210.14	19.93
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*287.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0185	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	210.14	19.93
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*287.28*	
23 37 13 13-0186	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	258.97	26.57
		For Steel Construction, Deduct	*-23.32*	
		For Lay In Frame, Deduct	*-38.86*	
		For Three Way Pattern, Deduct	*-15.54*	
		For Two Way Pattern, Deduct	*-12.44*	
		For One Way Pattern, Deduct	*-12.44*	
		For Grille (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0187	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	343.26	27.90
		For Steel Construction, Deduct	*-35.18*	
		For Lay In Frame, Deduct	*-58.64*	
		For Three Way Pattern, Deduct	*-23.46*	
		For Two Way Pattern, Deduct	*-18.76*	
		For One Way Pattern, Deduct	*-18.76*	
		For Grille (No Damper), Deduct	*-35.18*	
		For Stainless Steel, Add	*527.74*	
23 37 13 13-0188	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	563.03	56.33
		For Steel Construction, Deduct	*-67.55*	
		For Lay In Frame, Deduct	*-112.59*	
		For Three Way Pattern, Deduct	*-45.04*	
		For Two Way Pattern, Deduct	*-36.03*	
		For One Way Pattern, Deduct	*-36.03*	
		For Grille (No Damper), Deduct	*-67.55*	
		For Stainless Steel, Add	*1,013.31*	

23 37 13 13-0189 Removable-Reversible Core Registers *(23 37 13 13-0177)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0190	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	129.98	10.63
		For Steel Construction, Deduct	*-8.88*	
		For Flat Frame, Deduct	*-8.88*	
		For Grille (No Damper), Deduct	*-26.65*	
		For Stainless Steel, Add	*199.85*	
23 37 13 13-0191	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	166.07	10.63
		For Steel Construction, Deduct	*-12.49*	
		For Flat Frame, Deduct	*-12.49*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*281.05*	
23 37 13 13-0192	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	211.18	14.62
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-15.54*	
		For Grille (No Damper), Deduct	*-46.63*	
		For Stainless Steel, Add	*349.74*	
23 37 13 13-0193	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	213.95	14.62
		For Steel Construction, Deduct	*-15.82*	
		For Flat Frame, Deduct	*-15.82*	
		For Grille (No Damper), Deduct	*-47.46*	
		For Stainless Steel, Add	*355.97*	
23 37 13 13-0194	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	273.14	17.27
		For Steel Construction, Deduct	*-20.54*	
		For Flat Frame, Deduct	*-20.54*	
		For Grille (No Damper), Deduct	*-61.62*	
		For Stainless Steel, Add	*462.15*	
23 37 13 13-0195	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	390.56	21.26
		For Steel Construction, Deduct	*-30.81*	
		For Flat Frame, Deduct	*-30.81*	
		For Grille (No Damper), Deduct	*-92.43*	
		For Stainless Steel, Add	*693.23*	
23 37 13 13-0196	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	440.52	19.93
		For Steel Construction, Deduct	*-35.81*	
		For Flat Frame, Deduct	*-35.81*	
		For Grille (No Damper), Deduct	*-107.42*	
		For Stainless Steel, Add	*805.64*	
23 37 13 13-0197	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	530.99	26.57
		For Steel Construction, Deduct	*-42.75*	
		For Flat Frame, Deduct	*-42.75*	
		For Grille (No Damper), Deduct	*-128.24*	
		For Stainless Steel, Add	*961.79*	
23 37 13 13-0198	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	672.18	26.57
		For Steel Construction, Deduct	*-56.35*	
		For Flat Frame, Deduct	*-56.35*	
		For Grille (No Damper), Deduct	*-169.04*	
		For Stainless Steel, Add	*1,267.81*	

23 37 13 13-0199 Adjustable Shutter Blade Registers *(23 37 13 13-0177)*

Note: Double deflection flat frame aluminum construction.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0200	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	203.08	10.63
		For Steel Construction, Deduct	*-16.19*	
		For Single Deflection, Deduct	*-32.38*	
		For Grille (No Damper), Deduct	*-24.29*	
		For Stainless Steel, Add	*364.32*	
23 37 13 13-0201	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	235.46	10.63
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*437.18*	
23 37 13 13-0202	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	250.04	14.62
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*437.18*	
23 37 13 13-0203	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	259.29	13.28
		For Steel Construction, Deduct	*-20.36*	
		For Single Deflection, Deduct	*-40.71*	
		For Grille (No Damper), Deduct	*-30.53*	
		For Stainless Steel, Add	*457.99*	
23 37 13 13-0204	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	317.55	17.27
		For Steel Construction, Deduct	*-24.98*	
		For Single Deflection, Deduct	*-49.96*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*562.07*	
23 37 13 13-0205	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	424.80	19.93
		For Steel Construction, Deduct	*-34.23*	
		For Single Deflection, Deduct	*-68.47*	
		For Grille (No Damper), Deduct	*-51.35*	
		For Stainless Steel, Add	*770.27*	
23 37 13 13-0206	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	503.44	21.26
		For Steel Construction, Deduct	*-42.10*	
		For Single Deflection, Deduct	*-84.20*	
		For Grille (No Damper), Deduct	*-63.15*	
		For Stainless Steel, Add	*947.21*	
23 37 13 13-0207	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	621.66	26.57
		For Steel Construction, Deduct	*-51.81*	
		For Single Deflection, Deduct	*-103.63*	
		For Grille (No Damper), Deduct	*-77.72*	
		For Stainless Steel, Add	*1,165.79*	
23 37 13 13-0208	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	862.78	27.90
		For Steel Construction, Deduct	*-75.41*	
		For Single Deflection, Deduct	*-150.81*	
		For Grille (No Damper), Deduct	*-113.11*	
		For Stainless Steel, Add	*1,696.66*	

23 37 13 13-0209 Air Conditioning And Ventilation *(23 37 13 13-0177)*

23 37 13 13-0210	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	108.57	27.90
		For Stainless Steel, Add	*118.87*	
23 37 13 13-0211	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	188.70	41.52
		For Stainless Steel, Add	*237.74*	
23 37 13 13-0212	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	292.34	58.12
		For Stainless Steel, Add	*396.20*	
23 37 13 13-0213	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	740.54	79.72
		For Stainless Steel, Add	*1,307.50*	

23 37 13 13-0214 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0177)*

Note: Egg crate design aluminum construction.

23 37 13 13-0215	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	98.28	33.27
23 37 13 13-0216	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	108.05	33.27
23 37 13 13-0217	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	160.86	49.91
23 37 13 13-0218	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	209.70	49.91
23 37 13 13-0219	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	352.87	66.53
23 37 13 13-0220	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	647.93	66.43

23 37 13 13-0221 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0177)*

Note: Aluminum construction.

23 37 13 13-0222	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	288.01	23.95
23 37 13 13-0223	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	329.64	23.95
23 37 13 13-0224	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	397.91	26.62
23 37 13 13-0225	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	471.89	26.62
23 37 13 13-0226	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	604.14	83.17
23 37 13 13-0227	EA	6" x 6" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	113.25	39.92
23 37 13 13-0228	EA	8" x 8" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	119.91	43.25
23 37 13 13-0229	EA	10" x 10" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	138.50	46.58
23 37 13 13-0230	EA	12" x 12" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	148.75	49.91
23 37 13 13-0231	EA	14" x 14" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	164.95	53.23

23 37 13 13-0232 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0177)*

Note: Egg crate design, plastic construction.

23 37 13 13-0233	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	54.73	15.94
23 37 13 13-0234	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	79.47	16.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0235		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0177)*		
		Note: Painted steel louvers and frame.		
23 37 13 13-0236	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	160.56	23.95
23 37 13 13-0237	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	200.11	23.95
23 37 13 13-0238	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	251.00	25.29
23 37 13 13-0239	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	348.15	30.21
23 37 13 13-0240	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	386.08	55.49
23 37 13 13-0241		**Stainless Steel Devices** *(23 37 13 13-0177)*		
23 37 13 13-0242		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0243	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	243.28	20.76
		For 316 Stainless Steel, Add	*41.74*	
23 37 13 13-0244	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	205.20	20.76
		For 316 Stainless Steel, Add	*34.12*	
23 37 13 13-0245		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0246	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	184.10	20.76
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0247	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	156.41	20.76
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0248		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0249	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	269.75	20.76
		For 316 Stainless Steel, Add	*47.03*	
23 37 13 13-0250	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	229.78	20.76
		For 316 Stainless Steel, Add	*39.04*	
23 37 13 13-0251		**304 Stainless Steel Return Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0252	SF	Up To 4 SF, 304 Stainless Steel Return Grille	184.10	20.76
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0253	SF	>4 SF, 304 Stainless Steel Return Grille	156.41	20.76
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0254		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0255	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	184.10	20.76
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0256	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	156.41	20.76
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0257		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0258	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	184.10	20.76
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0259	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	148.80	20.76
		For 316 Stainless Steel, Add	*22.84*	
23 37 13 13-0260		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0261	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	223.03	20.76
		For 316 Stainless Steel, Add	*37.69*	
23 37 13 13-0262	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	152.85	20.76
		For 316 Stainless Steel, Add	*23.65*	
23 37 13 13-0263		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0264	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	333.60	20.76
		For 316 Stainless Steel, Add	*59.80*	
23 37 13 13-0265	SF	>4 SF, 304 Stainless Steel, Door Grille	278.24	20.76
		For 316 Stainless Steel, Add	*48.73*	
23 37 13 13-0266		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0267	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	426.52	20.76
		For 316 Stainless Steel, Add	*78.38*	
23 37 13 13-0268	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	365.09	20.76
		For 316 Stainless Steel, Add	*66.10*	
23 37 13 13-0269		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0270	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	313.36	20.76
		For 316 Stainless Steel, Add	*55.75*	
23 37 13 13-0271	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	216.47	20.76
		For 316 Stainless Steel, Add	*36.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0272		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0273	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	168.53	20.76
		For 316 Stainless Steel, Add	*26.79*	
23 37 13 13-0274	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	128.22	20.76
		For 316 Stainless Steel, Add	*18.72*	
23 37 13 13-0275		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0241)*		
		Note: For frequent replacement.		
23 37 13 13-0276	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	131.15	20.76
		For 316 Stainless Steel, Add	*19.31*	
23 37 13 13-0277	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	69.38	20.76
		For 316 Stainless Steel, Add	*6.96*	
23 37 13 13-0278		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0241)*		
23 37 13 13-0279	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	308.69	20.76
		For 316 Stainless Steel, Add	*54.82*	
23 37 13 13-0280	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	241.38	20.76
		For 316 Stainless Steel, Add	*41.36*	
23 37 13 13-0281		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0241)*		
23 37 13 13-0282	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	107.79	20.76
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0283	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	107.79	20.76
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0284		**Supply Grille With Rotating Aluminum Drum And Aluminun Frame** *(23 37 13 13-0177)*		
		Note: Titus DL or equal		
23 37 13 13-0285	EA	9" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	96.60	20.59
		For Adjustable Deflection Blades, Add	*3.60*	
		For Split Vane Supply Grille, Add	*5.41*	
		For Curved Frame For Round Duct Mounting, Add	*8.59*	
		For Stainless Steel, Add	*41.59*	
23 37 13 13-0286	EA	12" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	115.36	24.32
		For Adjustable Deflection Blades, Add	*4.34*	
		For Split Vane Supply Grille, Add	*6.51*	
		For Curved Frame For Round Duct Mounting, Add	*10.34*	
		For Stainless Steel, Add	*50.06*	
23 37 13 13-0287	EA	15" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	132.50	26.04
		For Adjustable Deflection Blades, Add	*5.22*	
		For Split Vane Supply Grille, Add	*7.83*	
		For Curved Frame For Round Duct Mounting, Add	*12.45*	
		For Stainless Steel, Add	*60.23*	
23 37 13 13-0288	EA	18" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	146.19	27.90
		For Adjustable Deflection Blades, Add	*5.88*	
		For Split Vane Supply Grille, Add	*8.82*	
		For Curved Frame For Round Duct Mounting, Add	*14.02*	
		For Stainless Steel, Add	*67.84*	
23 37 13 13-0289	EA	20" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	156.39	30.82
		For Adjustable Deflection Blades, Add	*6.15*	
		For Split Vane Supply Grille, Add	*9.23*	
		For Curved Frame For Round Duct Mounting, Add	*14.67*	
		For Stainless Steel, Add	*70.99*	
23 37 13 13-0290	EA	24" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	180.46	33.88
		For Adjustable Deflection Blades, Add	*7.33*	
		For Split Vane Supply Grille, Add	*10.99*	
		For Curved Frame For Round Duct Mounting, Add	*17.47*	
		For Stainless Steel, Add	*84.54*	
23 37 13 13-0291	EA	30" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	213.95	37.56
		For Adjustable Deflection Blades, Add	*9.02*	
		For Split Vane Supply Grille, Add	*13.54*	
		For Curved Frame For Round Duct Mounting, Add	*21.52*	
		For Stainless Steel, Add	*104.12*	
23 37 13 13-0292	EA	36" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	253.43	41.32
		For Adjustable Deflection Blades, Add	*11.11*	
		For Split Vane Supply Grille, Add	*16.67*	
		For Curved Frame For Round Duct Mounting, Add	*26.50*	
		For Stainless Steel, Add	*128.23*	
23 37 13 13-0293	EA	40" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	293.69	46.50
		For Adjustable Deflection Blades, Add	*13.05*	
		For Split Vane Supply Grille, Add	*19.57*	
		For Curved Frame For Round Duct Mounting, Add	*31.11*	
		For Stainless Steel, Add	*150.53*	
23 37 13 13-0294	EA	48" x 6" Aluminum, Rotating Drum Louver, High Volume Supply Grille	323.15	51.81
		For Adjustable Deflection Blades, Add	*14.28*	
		For Split Vane Supply Grille, Add	*21.41*	
		For Curved Frame For Round Duct Mounting, Add	*34.04*	
		For Stainless Steel, Add	*164.73*	
23 37 13 13-0295	EA	12" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	122.84	26.97
		For Adjustable Deflection Blades, Add	*4.48*	
		For Split Vane Supply Grille, Add	*6.72*	
		For Curved Frame For Round Duct Mounting, Add	*10.69*	
		For Stainless Steel, Add	*51.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0296	EA	15" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	140.80	28.96
		For Adjustable Deflection Blades, Add	*5.39*	
		For Split Vane Supply Grille, Add	*8.09*	
		For Curved Frame For Round Duct Mounting, Add	*12.86*	
		For Stainless Steel, Add	*62.23*	
23 37 13 13-0297	EA	18" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	155.22	30.96
		For Adjustable Deflection Blades, Add	*6.07*	
		For Split Vane Supply Grille, Add	*9.11*	
		For Curved Frame For Round Duct Mounting, Add	*14.48*	
		For Stainless Steel, Add	*70.08*	
23 37 13 13-0298	EA	20" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	166.21	34.28
		For Adjustable Deflection Blades, Add	*6.36*	
		For Split Vane Supply Grille, Add	*9.53*	
		For Curved Frame For Round Duct Mounting, Add	*15.16*	
		For Stainless Steel, Add	*73.34*	
23 37 13 13-0299	EA	24" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	197.59	37.33
		For Adjustable Deflection Blades, Add	*8.00*	
		For Split Vane Supply Grille, Add	*12.00*	
		For Curved Frame For Round Duct Mounting, Add	*19.07*	
		For Stainless Steel, Add	*92.29*	
23 37 13 13-0300	EA	30" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	233.46	41.59
		For Adjustable Deflection Blades, Add	*9.76*	
		For Split Vane Supply Grille, Add	*14.64*	
		For Curved Frame For Round Duct Mounting, Add	*23.28*	
		For Stainless Steel, Add	*112.65*	
23 37 13 13-0301	EA	36" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	283.14	45.71
		For Adjustable Deflection Blades, Add	*12.46*	
		For Split Vane Supply Grille, Add	*18.70*	
		For Curved Frame For Round Duct Mounting, Add	*29.72*	
		For Stainless Steel, Add	*143.81*	
23 37 13 13-0302	EA	40" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	336.34	51.55
		For Adjustable Deflection Blades, Add	*15.16*	
		For Split Vane Supply Grille, Add	*22.75*	
		For Curved Frame For Round Duct Mounting, Add	*36.16*	
		For Stainless Steel, Add	*174.97*	
		For Stainless Steel, Add	*524.90*	
23 37 13 13-0303	EA	48" x 8" Aluminum, Rotating Drum Louver, High Volume Supply Grille	361.04	57.40
		For Adjustable Deflection Blades, Add	*16.01*	
		For Split Vane Supply Grille, Add	*24.02*	
		For Curved Frame For Round Duct Mounting, Add	*38.18*	
		For Stainless Steel, Add	*184.74*	
23 37 13 13-0304	EA	12" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	133.11	29.89
		For Adjustable Deflection Blades, Add	*4.77*	
		For Split Vane Supply Grille, Add	*7.15*	
		For Curved Frame For Round Duct Mounting, Add	*11.37*	
		For Stainless Steel, Add	*55.04*	
23 37 13 13-0305	EA	15" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	152.41	32.02
		For Adjustable Deflection Blades, Add	*5.74*	
		For Split Vane Supply Grille, Add	*8.61*	
		For Curved Frame For Round Duct Mounting, Add	*13.69*	
		For Stainless Steel, Add	*66.23*	
23 37 13 13-0306	EA	18" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	167.92	34.28
		For Adjustable Deflection Blades, Add	*6.46*	
		For Split Vane Supply Grille, Add	*9.70*	
		For Curved Frame For Round Duct Mounting, Add	*15.41*	
		For Stainless Steel, Add	*74.59*	
23 37 13 13-0307	EA	20" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	179.92	37.86
		For Adjustable Deflection Blades, Add	*6.77*	
		For Split Vane Supply Grille, Add	*10.15*	
		For Curved Frame For Round Duct Mounting, Add	*16.13*	
		For Stainless Steel, Add	*78.06*	
23 37 13 13-0308	EA	25" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	213.32	41.19
		For Adjustable Deflection Blades, Add	*8.51*	
		For Split Vane Supply Grille, Add	*12.77*	
		For Curved Frame For Round Duct Mounting, Add	*20.30*	
		For Stainless Steel, Add	*98.23*	
23 37 13 13-0309	EA	30" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	252.27	46.23
		For Adjustable Deflection Blades, Add	*10.39*	
		For Split Vane Supply Grille, Add	*15.59*	
		For Curved Frame For Round Duct Mounting, Add	*24.78*	
		For Stainless Steel, Add	*119.90*	
23 37 13 13-0310	EA	35" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	303.72	50.75
		For Adjustable Deflection Blades, Add	*13.15*	
		For Split Vane Supply Grille, Add	*19.72*	
		For Curved Frame For Round Duct Mounting, Add	*31.35*	
		For Stainless Steel, Add	*151.70*	
23 37 13 13-0311	EA	40" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	348.19	57.27
		For Adjustable Deflection Blades, Add	*15.20*	
		For Split Vane Supply Grille, Add	*22.80*	
		For Curved Frame For Round Duct Mounting, Add	*36.24*	
		For Stainless Steel, Add	*175.35*	
23 37 13 13-0312	EA	50" x 10" Aluminum, Rotating Drum Louver, High Volume Supply Grille	387.00	63.64
		For Adjustable Deflection Blades, Add	*16.89*	
		For Split Vane Supply Grille, Add	*25.34*	
		For Curved Frame For Round Duct Mounting, Add	*40.28*	
		For Stainless Steel, Add	*194.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0313	EA	12" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	148.76	32.28
		For Adjustable Deflection Blades, Add	*5.47*	
		For Split Vane Supply Grille, Add	*8.20*	
		For Curved Frame For Round Duct Mounting, Add	*13.03*	
		For Stainless Steel, Add	*63.06*	
23 37 13 13-0314	EA	15" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	170.60	34.67
		For Adjustable Deflection Blades, Add	*6.58*	
		For Split Vane Supply Grille, Add	*9.87*	
		For Curved Frame For Round Duct Mounting, Add	*15.68*	
		For Stainless Steel, Add	*75.89*	
23 37 13 13-0315	EA	18" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	188.10	37.07
		For Adjustable Deflection Blades, Add	*7.41*	
		For Split Vane Supply Grille, Add	*11.11*	
		For Curved Frame For Round Duct Mounting, Add	*17.66*	
		For Stainless Steel, Add	*85.47*	
23 37 13 13-0316	EA	20" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	201.38	41.05
		For Adjustable Deflection Blades, Add	*7.75*	
		For Split Vane Supply Grille, Add	*11.63*	
		For Curved Frame For Round Duct Mounting, Add	*18.48*	
		For Stainless Steel, Add	*89.44*	
23 37 13 13-0317	EA	25" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	242.35	46.10
		For Adjustable Deflection Blades, Add	*9.75*	
		For Split Vane Supply Grille, Add	*14.63*	
		For Curved Frame For Round Duct Mounting, Add	*23.26*	
		For Stainless Steel, Add	*112.55*	
23 37 13 13-0318	EA	30" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	281.37	51.28
		For Adjustable Deflection Blades, Add	*11.63*	
		For Split Vane Supply Grille, Add	*17.44*	
		For Curved Frame For Round Duct Mounting, Add	*27.73*	
		For Stainless Steel, Add	*134.19*	
23 37 13 13-0319	EA	35" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	328.89	56.60
		For Adjustable Deflection Blades, Add	*14.01*	
		For Split Vane Supply Grille, Add	*21.02*	
		For Curved Frame For Round Duct Mounting, Add	*33.42*	
		For Stainless Steel, Add	*161.70*	
23 37 13 13-0320	EA	40" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	373.28	62.04
		For Adjustable Deflection Blades, Add	*16.20*	
		For Split Vane Supply Grille, Add	*24.29*	
		For Curved Frame For Round Duct Mounting, Add	*38.62*	
		For Stainless Steel, Add	*186.87*	
23 37 13 13-0321	EA	50" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	414.62	68.82
		For Adjustable Deflection Blades, Add	*18.00*	
		For Split Vane Supply Grille, Add	*27.00*	
		For Curved Frame For Round Duct Mounting, Add	*42.92*	
		For Stainless Steel, Add	*207.69*	
23 37 13 13-0322	EA	60" x 12" Aluminum, Rotating Drum Louver, High Volume Supply Grille	472.67	78.51
		For Adjustable Deflection Blades, Add	*20.52*	
		For Split Vane Supply Grille, Add	*30.78*	
		For Curved Frame For Round Duct Mounting, Add	*48.93*	
		For Stainless Steel, Add	*236.78*	
23 37 13 13-0323	EA	15" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	193.67	39.06
		For Adjustable Deflection Blades, Add	*7.52*	
		For Split Vane Supply Grille, Add	*11.28*	
		For Curved Frame For Round Duct Mounting, Add	*17.93*	
		For Stainless Steel, Add	*86.75*	
23 37 13 13-0324	EA	18" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	213.58	41.72
		For Adjustable Deflection Blades, Add	*8.47*	
		For Split Vane Supply Grille, Add	*12.70*	
		For Curved Frame For Round Duct Mounting, Add	*20.19*	
		For Stainless Steel, Add	*97.69*	
23 37 13 13-0325	EA	20" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	228.60	46.10
		For Adjustable Deflection Blades, Add	*8.86*	
		For Split Vane Supply Grille, Add	*13.29*	
		For Curved Frame For Round Duct Mounting, Add	*21.13*	
		For Stainless Steel, Add	*102.23*	
23 37 13 13-0326	EA	25" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	273.80	51.15
		For Adjustable Deflection Blades, Add	*11.15*	
		For Split Vane Supply Grille, Add	*16.72*	
		For Curved Frame For Round Duct Mounting, Add	*26.59*	
		For Stainless Steel, Add	*128.64*	
23 37 13 13-0327	EA	30" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	317.20	56.33
		For Adjustable Deflection Blades, Add	*13.29*	
		For Split Vane Supply Grille, Add	*19.94*	
		For Curved Frame For Round Duct Mounting, Add	*31.70*	
		For Stainless Steel, Add	*153.38*	
23 37 13 13-0328	EA	35" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	370.98	62.31
		For Adjustable Deflection Blades, Add	*16.02*	
		For Split Vane Supply Grille, Add	*24.03*	
		For Curved Frame For Round Duct Mounting, Add	*38.20*	
		For Stainless Steel, Add	*184.82*	
23 37 13 13-0329	EA	40" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	421.20	68.16
		For Adjustable Deflection Blades, Add	*18.51*	
		For Split Vane Supply Grille, Add	*27.77*	
		For Curved Frame For Round Duct Mounting, Add	*44.14*	
		For Stainless Steel, Add	*213.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0330	EA	50" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	467.88	75.73
		For Adjustable Deflection Blades, Add	*20.58*	
		For Split Vane Supply Grille, Add	*30.86*	
		For Curved Frame For Round Duct Mounting, Add	*49.06*	
		For Stainless Steel, Add	*237.41*	
23 37 13 13-0331	EA	60" x 15" Aluminum, Rotating Drum Louver, High Volume Supply Grille	533.36	86.23
		For Adjustable Deflection Blades, Add	*23.46*	
		For Split Vane Supply Grille, Add	*35.18*	
		For Curved Frame For Round Duct Mounting, Add	*55.93*	
		For Stainless Steel, Add	*270.64*	

23 37 13 13-0332 Removal And Reinstallation Of Distribution Devices *(23 37 13 13)*

Note: Includes storage and cleaning. Excludes ductwork.

23 37 13 13-0333	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	249.11
23 37 13 13-0334	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	274.75
23 37 13 13-0335	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	41.18
23 37 13 13-0336	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	55.77

23 37 13 43 Security Registers and Grilles *(23 37 13)*

23 37 13 43-0001 Security Supply Or Return Grille *(23 37 13 43)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

23 37 13 43-0002	EA	8" x 4" Steel Security Grille	246.27	19.96
		For Anchoring Tabs, Add	*20.64*	
		For Rear Operated Opposed Blade Damper, Add	*76.21*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*51.59*	
		For Stainless Steel, Add	*257.94*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	272.61	20.62
		For Anchoring Tabs, Add	*23.14*	
		For Rear Operated Opposed Blade Damper, Add	*85.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*57.84*	
		For Stainless Steel, Add	*289.20*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	312.33	23.29
		For Anchoring Tabs, Add	*26.58*	
		For Rear Operated Opposed Blade Damper, Add	*97.67*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*66.44*	
		For Stainless Steel, Add	*332.19*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	273.47	22.62
		For Anchoring Tabs, Add	*22.82*	
		For Rear Operated Opposed Blade Damper, Add	*84.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*57.06*	
		For Stainless Steel, Add	*285.29*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	291.78	23.95
		For Anchoring Tabs, Add	*24.39*	
		For Rear Operated Opposed Blade Damper, Add	*90.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*60.97*	
		For Stainless Steel, Add	*304.84*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	333.27	25.95
		For Anchoring Tabs, Add	*28.14*	
		For Rear Operated Opposed Blade Damper, Add	*103.67*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.35*	
		For Stainless Steel, Add	*351.73*	
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	371.67	27.95
		For Anchoring Tabs, Add	*31.58*	
		For Rear Operated Opposed Blade Damper, Add	*116.11*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.95*	
		For Stainless Steel, Add	*394.73*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	288.17	25.29
		For Anchoring Tabs, Add	*23.76*	
		For Rear Operated Opposed Blade Damper, Add	*88.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*59.40*	
		For Stainless Steel, Add	*297.01*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	321.64	27.95
		For Anchoring Tabs, Add	*26.58*	
		For Rear Operated Opposed Blade Damper, Add	*98.60*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*66.44*	
		For Stainless Steel, Add	*332.19*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	366.27	29.94
		For Anchoring Tabs, Add	*30.64*	
		For Rear Operated Opposed Blade Damper, Add	*113.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*76.60*	
		For Stainless Steel, Add	*383.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	398.40	31.94
		For Anchoring Tabs, Add	*33.45*	
		For Rear Operated Opposed Blade Damper, Add	*123.47*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*83.63*	
		For Stainless Steel, Add	*418.16*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	439.92	33.93
		For Anchoring Tabs, Add	*37.21*	
		For Rear Operated Opposed Blade Damper, Add	*137.00*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*93.01*	
		For Stainless Steel, Add	*465.06*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	307.81	27.28
		For Anchoring Tabs, Add	*25.33*	
		For Rear Operated Opposed Blade Damper, Add	*94.09*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*63.31*	
		For Stainless Steel, Add	*316.56*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	346.19	29.27
		For Anchoring Tabs, Add	*28.76*	
		For Rear Operated Opposed Blade Damper, Add	*106.53*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*71.91*	
		For Stainless Steel, Add	*359.55*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	385.90	31.94
		For Anchoring Tabs, Add	*32.20*	
		For Rear Operated Opposed Blade Damper, Add	*119.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*80.51*	
		For Stainless Steel, Add	*402.54*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	434.99	34.60
		For Anchoring Tabs, Add	*36.58*	
		For Rear Operated Opposed Blade Damper, Add	*134.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.45*	
		For Stainless Steel, Add	*457.25*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	479.17	37.93
		For Anchoring Tabs, Add	*40.33*	
		For Rear Operated Opposed Blade Damper, Add	*148.75*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*100.83*	
		For Stainless Steel, Add	*504.15*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	515.74	40.58
		For Anchoring Tabs, Add	*43.46*	
		For Rear Operated Opposed Blade Damper, Add	*160.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.65*	
		For Stainless Steel, Add	*543.23*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	370.27	31.94
		For Anchoring Tabs, Add	*30.64*	
		For Rear Operated Opposed Blade Damper, Add	*113.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*76.60*	
		For Stainless Steel, Add	*383.00*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	422.48	34.60
		For Anchoring Tabs, Add	*35.33*	
		For Rear Operated Opposed Blade Damper, Add	*130.57*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*88.32*	
		For Stainless Steel, Add	*441.61*	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	455.95	37.26
		For Anchoring Tabs, Add	*38.14*	
		For Rear Operated Opposed Blade Damper, Add	*140.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.36*	
		For Stainless Steel, Add	*476.79*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	513.08	39.26
		For Anchoring Tabs, Add	*43.46*	
		For Rear Operated Opposed Blade Damper, Add	*159.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.65*	
		For Stainless Steel, Add	*543.23*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	543.42	41.91
		For Anchoring Tabs, Add	*45.96*	
		For Rear Operated Opposed Blade Damper, Add	*169.24*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*114.90*	
		For Stainless Steel, Add	*574.49*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	589.39	44.58
		For Anchoring Tabs, Add	*50.02*	
		For Rear Operated Opposed Blade Damper, Add	*184.00*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*125.06*	
		For Stainless Steel, Add	*625.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	393.88	35.93
		For Anchoring Tabs, Add	*32.20*	
		For Rear Operated Opposed Blade Damper, Add	*119.90*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*80.51*	
		For Stainless Steel, Add	*402.54*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	449.23	38.59
		For Anchoring Tabs, Add	*37.21*	
		For Rear Operated Opposed Blade Damper, Add	*137.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*93.01*	
		For Stainless Steel, Add	*465.06*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	492.07	41.25
		For Anchoring Tabs, Add	*40.96*	
		For Rear Operated Opposed Blade Damper, Add	*151.60*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*102.39*	
		For Stainless Steel, Add	*511.96*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	541.16	43.91
		For Anchoring Tabs, Add	*45.33*	
		For Rear Operated Opposed Blade Damper, Add	*167.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*113.34*	
		For Stainless Steel, Add	*566.68*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	577.35	43.25
		For Anchoring Tabs, Add	*49.09*	
		For Rear Operated Opposed Blade Damper, Add	*180.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*122.72*	
		For Stainless Steel, Add	*613.58*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	631.37	45.24
		For Anchoring Tabs, Add	*54.09*	
		For Rear Operated Opposed Blade Damper, Add	*198.36*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*135.22*	
		For Stainless Steel, Add	*676.10*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	676.00	47.24
		For Anchoring Tabs, Add	*58.15*	
		For Rear Operated Opposed Blade Damper, Add	*212.98*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*145.38*	
		For Stainless Steel, Add	*726.91*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	422.42	39.26
		For Anchoring Tabs, Add	*34.39*	
		For Rear Operated Opposed Blade Damper, Add	*128.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.98*	
		For Stainless Steel, Add	*429.89*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	477.30	43.25
		For Anchoring Tabs, Add	*39.08*	
		For Rear Operated Opposed Blade Damper, Add	*145.43*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*97.70*	
		For Stainless Steel, Add	*488.51*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	525.07	45.24
		For Anchoring Tabs, Add	*43.46*	
		For Rear Operated Opposed Blade Damper, Add	*161.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.65*	
		For Stainless Steel, Add	*543.23*	
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	577.29	47.91
		For Anchoring Tabs, Add	*48.15*	
		For Rear Operated Opposed Blade Damper, Add	*178.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*120.37*	
		For Stainless Steel, Add	*601.85*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	634.42	49.91
		For Anchoring Tabs, Add	*53.46*	
		For Rear Operated Opposed Blade Damper, Add	*197.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*133.66*	
		For Stainless Steel, Add	*668.29*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	685.32	51.89
		For Anchoring Tabs, Add	*58.15*	
		For Rear Operated Opposed Blade Damper, Add	*213.91*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*145.38*	
		For Stainless Steel, Add	*726.91*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	733.08	53.89
		For Anchoring Tabs, Add	*62.53*	
		For Rear Operated Opposed Blade Damper, Add	*229.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*156.33*	
		For Stainless Steel, Add	*781.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	790.22	55.89
		For Anchoring Tabs, Add	*67.85*	
		For Rear Operated Opposed Blade Damper, Add	*248.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*169.61*	
		For Stainless Steel, Add	*848.06*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	469.24	43.91
		For Anchoring Tabs, Add	*38.14*	
		For Rear Operated Opposed Blade Damper, Add	*142.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.36*	
		For Stainless Steel, Add	*476.79*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	530.38	47.91
		For Anchoring Tabs, Add	*43.46*	
		For Rear Operated Opposed Blade Damper, Add	*161.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.65*	
		For Stainless Steel, Add	*543.23*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	579.94	49.24
		For Anchoring Tabs, Add	*48.15*	
		For Rear Operated Opposed Blade Damper, Add	*178.36*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*120.37*	
		For Stainless Steel, Add	*601.85*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	649.98	54.56
		For Anchoring Tabs, Add	*54.09*	
		For Rear Operated Opposed Blade Damper, Add	*200.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*135.22*	
		For Stainless Steel, Add	*676.10*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	700.87	56.55
		For Anchoring Tabs, Add	*58.78*	
		For Rear Operated Opposed Blade Damper, Add	*217.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*146.95*	
		For Stainless Steel, Add	*734.73*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	764.27	58.55
		For Anchoring Tabs, Add	*64.72*	
		For Rear Operated Opposed Blade Damper, Add	*238.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*161.80*	
		For Stainless Steel, Add	*808.98*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	837.04	60.55
		For Anchoring Tabs, Add	*71.60*	
		For Rear Operated Opposed Blade Damper, Add	*262.70*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*178.99*	
		For Stainless Steel, Add	*894.96*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	887.92	62.54
		For Anchoring Tabs, Add	*76.29*	
		For Rear Operated Opposed Blade Damper, Add	*279.51*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*190.72*	
		For Stainless Steel, Add	*953.58*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	995.95	66.53
		For Anchoring Tabs, Add	*86.29*	
		For Rear Operated Opposed Blade Damper, Add	*315.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*215.73*	
		For Stainless Steel, Add	*1,078.64*	

23 37 23 HVAC Gravity Ventilators *(23 37)*

23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,346.07	77.06
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,419.57	88.22
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,775.17	109.74
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,890.89	116.78
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,207.98	135.91
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,588.56	87.69
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,745.90	98.84
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,031.54	106.28
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,203.08	128.81
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,542.33	138.17
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,881.31	146.67
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,900.87	100.05
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,166.15	114.00
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,431.42	127.95
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,740.80	144.28
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,094.54	162.88
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,298.68	121.03
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,387.14	125.69
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,652.40	139.64
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,006.00	158.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,359.62	176.83
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,845.90	202.47
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,285.42	119.31
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,659.34	138.84
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,033.38	158.37
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,448.88	180.02
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,822.84	199.56
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,397.01	132.33
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,711.31	149.73
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,025.73	167.00
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,497.29	193.05
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,850.90	212.57
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,018.17	177.89
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,349.38	197.43
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,827.92	225.59
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,195.98	247.25
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,600.85	271.17
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,634.80	202.47
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,005.03	223.07
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,408.99	245.53
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,812.84	268.11
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,856.12	326.17
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,260.09	348.62
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,186.49	251.23
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,592.57	275.55
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,498.59	329.89
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,123.38	367.36
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,498.38	389.94
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,998.20	419.83
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,873.03	472.31
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,000.29	281.26
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,208.16	349.16
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,079.05	398.17
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,331.80	412.39
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,174.56	459.69
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,989.19	505.53
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,591.71	406.02
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,130.44	439.23
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,669.04	472.44
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,515.42	524.53
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,023.72	531.43
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,655.62	457.70
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,587.36	513.36
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,317.73	557.07
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,922.01	593.21
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,542.41	569.83
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,018.29	607.43
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,738.61	654.06
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,000.90	657.12
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	11,694.88	768.45
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	12,081.88	708.53
23 37 23 13-0073		Round Gravity Relief Ventilator Hood *(23 37 23 13)*		
		Note: Includes integral birdscreen and built-in curb cap with prepunched holes.		
23 37 23 13-0074	EA	22" x 22" Base/Panel, 12" x 12" Throat, Aluminum, Gravity Intake/Relief Ventilator Hood (Greenheck GRS)	825.35	98.84

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	54,368.20	512.74

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*

Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	12,831.04	961.99
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	13,363.59	1,022.11
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	14,913.32	1,082.24
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,361.54	1,142.37
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	15,909.13	1,202.49
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,488.46	1,262.61
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	17,036.77	1,322.74
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	17,602.08	1,382.87
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	18,232.20	1,442.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	18,777.49	1,503.11
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	19,226.88	1,563.24
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	19,990.52	1,623.36
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	22,389.85	1,683.48
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	22,990.59	1,743.61
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	23,811.13	1,803.74
23 38 13 16-0018	EA	15'-6" Long x 60" Deep Dry Filter Exhaust Hood	24,425.82	1,863.86
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	25,349.96	1,923.98
23 38 13 16-0020		**Dry Extractor Exhaust Hoods** *(23 38 13 16-0001)*		
		Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.		
23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	18,022.42	961.99
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	18,587.83	1,022.11
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	20,236.12	1,082.24
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	20,815.78	1,142.37
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	21,396.22	1,202.49
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	21,942.69	1,262.61
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	22,523.86	1,322.74
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	23,072.74	1,382.87
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	23,587.87	1,442.98
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	24,330.30	1,503.11
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	25,190.39	1,563.24
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	26,101.89	1,623.36
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	28,024.79	1,683.48
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	28,954.11	1,743.61
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	30,776.78	1,803.74
23 38 13 16-0036	EA	15'-6" Long x 60" Deep Dry Extractor Exhaust Hood	32,623.59	1,863.86
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	34,451.30	1,923.98
23 38 13 16-0038		**Single Manifold Water Wash Exhaust Hoods** *(23 38 13 16-0001)*		
		Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,336.69	961.99
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,934.96	1,022.11
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	21,616.11	1,082.24
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,212.19	1,142.37
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,841.92	1,202.49
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,421.25	1,262.61
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,018.84	1,322.74
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,617.02	1,382.87
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,148.57	1,442.98
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,956.71	1,503.11
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	26,882.52	1,563.24
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	27,859.73	1,623.36
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	29,848.35	1,683.48
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	30,843.37	1,743.61
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	32,846.76	1,803.74
23 38 13 16-0054	EA	15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	33,839.30	1,863.86
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	34,829.15	1,923.98
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	13,903.24	481.00
23 38 13 16-0057		**Utility Distribution System (UDS)** *(23 38 13 16-0001)*		
		Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA	8' Long Utility Distribution System (UDS)	36,982.49	489.17
23 38 13 16-0059	EA	8'-6" Long Utility Distribution System (UDS)	38,074.27	501.07
23 38 13 16-0060	EA	9' Long Utility Distribution System (UDS)	39,154.14	512.74
23 38 13 16-0061	EA	9'-6" Long Utility Distribution System (UDS)	40,243.54	529.10
23 38 13 16-0062	EA	10' Long Utility Distribution System (UDS)	41,326.14	542.08
23 38 13 16-0063	EA	10'-6" Long Utility Distribution System (UDS)	42,398.57	555.79
23 38 13 16-0064	EA	11' Long Utility Distribution System (UDS)	43,485.63	565.29
23 38 13 16-0065	EA	11'-6" Long Utility Distribution System (UDS)	44,571.97	580.20
23 38 13 16-0066	EA	12' Long Utility Distribution System (UDS)	45,670.75	601.24
23 38 13 16-0067	EA	12'-6" Long Utility Distribution System (UDS)	46,784.59	629.86
23 38 13 16-0068	EA	13' Long Utility Distribution System (UDS)	47,878.22	648.38
23 38 13 16-0069	EA	13'-6" Long Utility Distribution System (UDS)	48,987.73	674.83
23 38 13 16-0070	EA	14' Long Utility Distribution System (UDS)	50,086.94	696.12
23 38 13 16-0071	EA	14'-6" Long Utility Distribution System (UDS)	51,188.92	718.85
23 38 13 16-0072	EA	15' Long Utility Distribution System (UDS)	52,293.97	743.14
23 38 13 16-0073	EA	15'-6" Long Utility Distribution System (UDS)	53,402.39	769.00
23 38 13 16-0074	EA	16' Long Utility Distribution System (UDS)	54,495.59	787.39
23 38 13 16-0075		**Stainless Steel Exhaust Hood Material** *(23 38 13 16)*		
		Note: Welded seams.		
23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	53.08	17.65
		For Type 316 Stainless Steel, Add	*1.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	66.35	23.54
		For Type 316 Stainless Steel, Add	*2.06*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	92.16	31.78
		For Type 316 Stainless Steel, Add	*2.88*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	115.48	38.84
		For Type 316 Stainless Steel, Add	*3.70*	

23 38 13 16-0080 Kitchen Exhaust Hood *(23 38 13 16)*

23 38 13 16-0081	EA	10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048) Note: Ductwork connections by others.	11,164.01	2,451.70
		For Type 316 Stainless Steel, Add	*626.06*	
23 38 13 16-0082	EA	8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848) Note: Ductwork connections by others.	10,183.33	1,961.36
		For Type 316 Stainless Steel, Add	*626.06*	
23 38 13 16-0083	EA	4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448) Note: Ductwork connections by others.	5,528.70	980.69
		For Type 316 Stainless Steel, Add	*356.73*	
23 38 13 16-0084	EA	6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648) Note: Ductwork connections by others.	7,120.74	1,471.02
		For Type 316 Stainless Steel, Add	*417.87*	
23 38 13 16-0085	EA	5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548) Note: Ductwork connections by others.	6,415.59	1,225.86
		For Type 316 Stainless Steel, Add	*396.39*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	14.19	

23 41 13 00-0003 Disposable Fiberglass Air Filters *(23 41 13)*

23 41 13 00-0004	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.31	6.39
23 41 13 00-0005	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.31	6.39
23 41 13 00-0006	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.01	6.39
23 41 13 00-0007	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.93	6.69
23 41 13 00-0008	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.93	6.69
23 41 13 00-0009	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.93	6.69
23 41 13 00-0010	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.93	6.69
23 41 13 00-0011	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.17	6.69
23 41 13 00-0012	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.70	6.98
23 41 13 00-0013	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.68	6.98
23 41 13 00-0014	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.00	6.98
23 41 13 00-0015	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.00	6.98
23 41 13 00-0016	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.00	6.98
23 41 13 00-0017	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.64	6.98
23 41 13 00-0018	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.65	6.98
23 41 13 00-0019	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.83	7.39
23 41 13 00-0020	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.35	7.39
23 41 13 00-0021	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.86	7.39
23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.83	7.39
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.86	7.39
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.74	7.39
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.04	7.59
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.04	7.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.44	7.59
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.20	7.69
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.84	7.69
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.25	7.69
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.22	7.69
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.62	7.69
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.58	7.69
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.24	7.69
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	22.95	7.69
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.63	7.98
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.25	7.98
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.63	7.98
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.91	7.98
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.76	7.98
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.88	7.98
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.51	8.38
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.55	8.38
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.88	8.38
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.10	8.38
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.68	8.38
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	24.18	8.38
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.81	8.38
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.85	8.49
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.00	8.59
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.13	8.69
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.78	8.69
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	26.35	8.69
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.27	8.78
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	26.88	8.78
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.92	6.69
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.83	6.69
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.25	6.98
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.79	7.39
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.79	7.39
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.16	7.59
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.06	7.69
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.89	7.69
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.29	7.69
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.41	7.98
23 41 13 00-0066	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.05	8.38
23 41 13 00-0067	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.77	8.38
23 41 13 00-0068	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.77	8.38
23 41 13 00-0069	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.45	8.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0070	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.59	8.78
23 41 13 00-0071		Disposable Pleated Air Filters *(23 41 13)*		
23 41 13 00-0072	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.04	6.69
23 41 13 00-0073	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.27	6.69
23 41 13 00-0074	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.97	6.69
23 41 13 00-0075	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	19.33	6.98
23 41 13 00-0076	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	17.98	6.98
23 41 13 00-0077	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	17.77	6.98
23 41 13 00-0078	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	17.77	6.98
23 41 13 00-0079	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.36	6.98
23 41 13 00-0080	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	21.87	7.39
23 41 13 00-0081	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.52	7.39
23 41 13 00-0082	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	23.58	7.39
23 41 13 00-0083	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.14	7.39
23 41 13 00-0084	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.37	7.39
23 41 13 00-0085	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.91	7.59
23 41 13 00-0086	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	22.26	7.69
23 41 13 00-0087	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.63	7.69
23 41 13 00-0088	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.68	7.69
23 41 13 00-0089	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.32	7.69
23 41 13 00-0090	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.76	7.69
23 41 13 00-0091	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	29.70	7.98
23 41 13 00-0092	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	22.05	7.98
23 41 13 00-0093	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.67	7.98
23 41 13 00-0094	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.41	7.98
23 41 13 00-0095	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	29.88	7.98
23 41 13 00-0096	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	20.37	8.38
23 41 13 00-0097	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.76	8.38
23 41 13 00-0098	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.52	8.38
23 41 13 00-0099	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.29	8.38
23 41 13 00-0100	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	29.47	8.59
23 41 13 00-0101	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	23.15	8.69
23 41 13 00-0102	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	36.27	8.69
23 41 13 00-0103	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	24.50	8.78
23 41 13 00-0104	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.73	6.69
23 41 13 00-0105	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	23.08	6.98
23 41 13 00-0106	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.57	6.98
23 41 13 00-0107	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.29	6.98
23 41 13 00-0108	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.35	7.39
23 41 13 00-0109	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.19	7.39
23 41 13 00-0110	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.61	7.59
23 41 13 00-0111	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	24.60	7.69
23 41 13 00-0112	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.22	7.69
23 41 13 00-0113	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	21.89	7.69
23 41 13 00-0114	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.30	7.69
23 41 13 00-0115	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	28.38	7.98
23 41 13 00-0116	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	24.25	7.98
23 41 13 00-0117	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.05	7.98
23 41 13 00-0118	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	22.89	7.98
23 41 13 00-0119	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	21.45	8.38
23 41 13 00-0120	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.97	8.38
23 41 13 00-0121	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	22.71	8.38
23 41 13 00-0122	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	32.67	8.38
23 41 13 00-0123	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	24.33	8.69
23 41 13 00-0124	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	26.87	8.78
23 41 13 00-0125	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	27.94	6.98
23 41 13 00-0126	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	30.20	7.69
23 41 13 00-0127	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	32.27	7.69
23 41 13 00-0128	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	34.81	7.98
23 41 13 00-0129	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	33.10	8.38
23 41 13 00-0130	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	36.00	8.38
23 41 13 00-0131	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	36.27	8.38
23 41 13 00-0132	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	39.57	8.69
23 41 13 00-0133	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.44	6.69
23 41 13 00-0134	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	25.44	6.69
23 41 13 00-0135	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	32.93	6.69
23 41 13 00-0136	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	26.95	6.98
23 41 13 00-0137	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.27	6.98
23 41 13 00-0138	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.16	6.98
23 41 13 00-0139	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.33	6.98
23 41 13 00-0140	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	30.61	7.39
23 41 13 00-0141	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.98	7.39
23 41 13 00-0142	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	34.78	7.39
23 41 13 00-0143	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	34.03	7.39
23 41 13 00-0144	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	39.91	7.39
23 41 13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.91	7.59
23 41 13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	36.62	7.69
23 41 13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.22	7.69
23 41 13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	31.17	7.69
23 41 13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	28.66	7.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.78	7.69
23 41 13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	38.67	7.98
23 41 13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	32.85	7.98
23 41 13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	29.64	7.98
23 41 13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	31.58	7.98
23 41 13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	43.67	7.98
23 41 13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	29.78	8.38
23 41 13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	32.65	8.38
23 41 13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	32.96	8.38
23 41 13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	38.31	8.38
23 41 13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	42.38	8.59
23 41 13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	35.75	8.69
23 41 13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	46.24	8.69
23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	40.20	8.78
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.88	6.69
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	27.24	6.98
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.91	6.98
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	30.38	6.98
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.29	7.39
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	28.58	7.39
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.03	7.59
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	37.37	7.69
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	32.58	7.69
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	31.77	7.69
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	35.93	7.69
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	43.04	7.98
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	34.21	7.98
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	38.99	7.98
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	33.83	7.98
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	37.49	8.38
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	40.15	8.38
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	40.54	8.38
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	40.54	8.69
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	41.07	8.78
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	49.18	6.98
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	50.40	7.69
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	59.94	7.69
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	59.89	7.98
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	59.68	8.38
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	65.67	8.38
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	65.67	8.38
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	73.25	8.69
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.33	6.39
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.33	6.39
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.33	6.39
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.73	6.69
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.33	6.69
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.73	6.69
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.73	6.69
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.73	6.69
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.72	6.98
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.12	6.98
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.72	6.98
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.72	6.98
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.12	6.98
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.12	6.98
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.52	6.98
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.26	7.39
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.66	7.39
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.26	7.39
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.26	7.39
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.26	7.39
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.66	7.39
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.52	7.59
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.92	7.59
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.92	7.59
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.65	7.69
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	7.69
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.65	7.69
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.65	7.69
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.65	7.69
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	7.69
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	7.69
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.61	7.69
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.06	7.98
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.86	7.98
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.06	7.98
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.86	7.98
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.86	7.98
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.02	7.98
23 41 13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.39	8.38
23 41 13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.59	8.38
23 41 13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.59	8.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.59	8.38
23 41 13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.99	8.38
23 41 13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.55	8.38
23 41 13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.55	8.38
23 41 13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.52	8.49
23 41 13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.25	8.59
23 41 13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.19	8.69
23 41 13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.19	8.69
23 41 13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.74	8.69
23 41 13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.33	8.78
23 41 13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.88	8.78
23 41 13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	43.15	8.98
23 41 13 00-0245		Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*		
23 41 13 00-0246	MF3	Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar	72.91	
23 41 13 00-0247	MF3	Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar	70.42	
23 41 13 00-0248	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.04	
23 41 13 00-0249		Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*		
23 41 13 00-0250	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	972.44	19.96
23 41 16		**Renewable-Media Air Filters** *(23 41)*		
23 41 16 00-0001		Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*		
23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	125.46	
23 41 19		**Washable Air Filters** *(23 41)*		
23 41 19 00-0001		Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*		
23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	47.91	
23 41 33		**High-Efficiency Particulate Filtration** *(23 41)*		
23 41 33 00-0001		High Efficiency Particulate Air (HEPA) Filters *(23 41 33)* Note: Includes particleboard and kraft paper frame and separator material.		
23 41 33 00-0002		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*		
23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	132.28	18.63
		For Removal And Replacement In Existing Equipment, Add	*3.73*	
		For >10 To 25, Deduct	*-3.31*	
		For >25 To 50, Deduct	*-6.61*	
		For >50 To 100, Deduct	*-9.92*	
		For >100, Deduct	*-13.23*	
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	175.21	21.29
		For Removal And Replacement In Existing Equipment, Add	*4.26*	
		For >10 To 25, Deduct	*-4.38*	
		For >25 To 50, Deduct	*-8.76*	
		For >50 To 100, Deduct	*-13.14*	
		For >100, Deduct	*-17.52*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	205.01	24.62
		For Removal And Replacement In Existing Equipment, Add	*4.92*	
		For >10 To 25, Deduct	*-5.13*	
		For >25 To 50, Deduct	*-10.25*	
		For >50 To 100, Deduct	*-15.38*	
		For >100, Deduct	*-20.50*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	234.83	27.95
		For Removal And Replacement In Existing Equipment, Add	*5.59*	
		For >10 To 25, Deduct	*-5.87*	
		For >25 To 50, Deduct	*-11.74*	
		For >50 To 100, Deduct	*-17.61*	
		For >100, Deduct	*-23.48*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	160.64	19.96
		For Removal And Replacement In Existing Equipment, Add	*3.99*	
		For >10 To 25, Deduct	*-4.02*	
		For >25 To 50, Deduct	*-8.03*	
		For >50 To 100, Deduct	*-12.05*	
		For >100, Deduct	*-16.06*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	215.07	23.29
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-5.38*	
		For >25 To 50, Deduct	*-10.75*	
		For >50 To 100, Deduct	*-16.13*	
		For >100, Deduct	*-21.51*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	256.84	26.62
		For Removal And Replacement In Existing Equipment, Add	*5.32*	
		For >10 To 25, Deduct	*-6.42*	
		For >25 To 50, Deduct	*-12.84*	
		For >50 To 100, Deduct	*-19.26*	
		For >100, Deduct	*-25.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	305.25	33.27
		For Removal And Replacement In Existing Equipment, Add	*6.65*	
		For >10 To 25, Deduct	*-7.63*	
		For >25 To 50, Deduct	*-15.26*	
		For >50 To 100, Deduct	*-22.89*	
		For >100, Deduct	*-30.53*	
23 41 33 00-0011		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	113.45	16.64
		For Removal And Replacement In Existing Equipment, Add	*3.33*	
		For >10 To 25, Deduct	*-2.84*	
		For >25 To 50, Deduct	*-5.67*	
		For >50 To 100, Deduct	*-8.51*	
		For >100, Deduct	*-11.35*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	156.44	19.96
		For Removal And Replacement In Existing Equipment, Add	*3.99*	
		For >10 To 25, Deduct	*-3.91*	
		For >25 To 50, Deduct	*-7.82*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-15.64*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	238.03	23.29
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-5.95*	
		For >25 To 50, Deduct	*-11.90*	
		For >50 To 100, Deduct	*-17.85*	
		For >100, Deduct	*-23.80*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	305.40	26.62
		For Removal And Replacement In Existing Equipment, Add	*5.32*	
		For >10 To 25, Deduct	*-7.64*	
		For >25 To 50, Deduct	*-15.27*	
		For >50 To 100, Deduct	*-22.91*	
		For >100, Deduct	*-30.54*	
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	106.73	13.31
		For Removal And Replacement In Existing Equipment, Add	*2.66*	
		For >10 To 25, Deduct	*-2.67*	
		For >25 To 50, Deduct	*-5.34*	
		For >50 To 100, Deduct	*-8.00*	
		For >100, Deduct	*-10.67*	
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	141.51	17.96
		For Removal And Replacement In Existing Equipment, Add	*3.59*	
		For >10 To 25, Deduct	*-3.54*	
		For >25 To 50, Deduct	*-7.08*	
		For >50 To 100, Deduct	*-10.61*	
		For >100, Deduct	*-14.15*	
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	189.94	21.29
		For Removal And Replacement In Existing Equipment, Add	*4.26*	
		For >10 To 25, Deduct	*-4.75*	
		For >25 To 50, Deduct	*-9.50*	
		For >50 To 100, Deduct	*-14.25*	
		For >100, Deduct	*-18.99*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	222.99	24.95
		For Removal And Replacement In Existing Equipment, Add	*4.99*	
		For >10 To 25, Deduct	*-5.57*	
		For >25 To 50, Deduct	*-11.15*	
		For >50 To 100, Deduct	*-16.72*	
		For >100, Deduct	*-22.30*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	254.71	27.95
		For Removal And Replacement In Existing Equipment, Add	*5.59*	
		For >10 To 25, Deduct	*-6.37*	
		For >25 To 50, Deduct	*-12.74*	
		For >50 To 100, Deduct	*-19.10*	
		For >100, Deduct	*-25.47*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	174.05	19.96
		For Removal And Replacement In Existing Equipment, Add	*3.99*	
		For >10 To 25, Deduct	*-4.35*	
		For >25 To 50, Deduct	*-8.70*	
		For >50 To 100, Deduct	*-13.05*	
		For >100, Deduct	*-17.41*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	233.80	23.29
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-5.85*	
		For >25 To 50, Deduct	*-11.69*	
		For >50 To 100, Deduct	*-17.54*	
		For >100, Deduct	*-23.38*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	279.46	26.62
		For Removal And Replacement In Existing Equipment, Add	*5.32*	
		For >10 To 25, Deduct	*-6.99*	
		For >25 To 50, Deduct	*-13.97*	
		For >50 To 100, Deduct	*-20.96*	
		For >100, Deduct	*-27.95*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	344.39	33.27
		For Removal And Replacement In Existing Equipment, Add	*6.65*	
		For >10 To 25, Deduct	*-8.61*	
		For >25 To 50, Deduct	*-17.22*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-34.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0025		High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*		
		Note: Nominal sizes.		
23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	333.55	99.30
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	624.35	197.36
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	633.51	197.36
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	639.61	197.36
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	682.36	197.36
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	735.80	197.36
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,212.06	395.95
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,341.84	395.95
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,506.73	395.95
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	359.51	99.30
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	668.62	197.36
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	679.31	197.36
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	686.94	197.36
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	737.33	197.36
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	804.51	197.36
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,318.93	395.95
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,480.77	395.95
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,685.37	395.95
23 41 33 00-0044		Filter, Bag Type, 90-95% Efficiency *(23 41 33)*		
23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	302.96	128.72
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	345.68	128.72
23 41 33 00-0047		Filter, Bag Type, 80-85% Efficiency *(23 41 33)*		
23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	298.05	128.72
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	329.57	128.72

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.69	9.98
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.22	9.98
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.54	9.98
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.54	9.98
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	52.55	9.98
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	59.13	9.98
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.12	11.31
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.57	11.31
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.95	11.31
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.95	11.31
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	65.38	11.31
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	77.72	11.31
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	29.36	9.98
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	31.27	9.98
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	31.34	9.98
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	33.83	9.98
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	36.05	9.98
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	33.98	11.31
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	37.30	11.31
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	38.01	11.31
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	42.12	11.31
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	44.74	11.31
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	73.16	11.98

23 43 Electronic Air Cleaners *(23 40)*

23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

23 43 23 00-0001		Stationary Floor, Room Air Purifier *(23 43 23)*		
23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,167.31	
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,623.77	
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	4,101.67	
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	921.17	
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,654.76	
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,545.36	
23 43 23 00-0008		Surface Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,937.20	
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	4,116.57	
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,717.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 43 23 00-0012		Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,826.78	
23 43 23 00-0014		Wall Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0015	EA	Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400)	976.46	
23 43 23 00-0016		Duct Mounted, Ionization System *(23 43 23)*		
23 43 23 00-0017	EA	Up To 10,000 CFM, 120/240 VAC, 50 Watt, 8 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 500FC)	12,257.98	532.28
23 43 23 00-0018	EA	Up To 15,000 CFM, 120/240 VAC, 50 Watt, 5 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 508FC)	16,642.84	665.35
23 43 33		**Self-Contained Electronic Ultraviolet Germicidal Cleaners** *(23 43)*		
23 43 33 00-0001		Suspension Ceiling Troffer Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*		
23 43 33 00-0002	EA	2' x 2', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X2) Note: 6,300 cu ft/hour air cleaning	4,218.86	
23 43 33 00-0003	EA	2' x 2', Troffer Mount UVC Air Purifier With 1900 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X2) Note: 6,300 cu ft/hour air cleaning	7,309.17	
23 43 33 00-0004	EA	2' x 4', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X4) Note: 12,600 cu ft/hour air cleaning	8,228.00	
23 43 33 00-0005	EA	2' x 4', Troffer Mount UVC Air Purifier With 3800 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X4) Note: 12,600 cu ft/hour air cleaning	9,205.39	
23 43 33 00-0006	EA	Replace 8"x8" MERV 16, HEPA Filter In Troffer Mount UVC Air Purifier(ELEDLIGHTS UVFILTERM8X8M16)	1,025.44	
23 43 33 00-0007		Surface Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*		
23 43 33 00-0008	EA	Surface (Wall Or Ceiling) Mounted, Germicidal UV Active Circulation Air Cleaner (ELEDLIGHTS GUV-AC) Note: 1060 cu ft/hour air cleaning	3,522.07	
23 43 33 00-0009		Wall Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*		
23 43 33 00-0010	EA	Wall Mounted, Upper Room Germicidal UV Disinfection (ELEDLIGHTS URUVGI-NZ)	1,818.10	
23 43 33 00-0011		Wall Mounted, Ultraviolet Germicidal Fixture (UV Resources) *(23 43 33)*		
23 43 33 00-0012	EA	14-1/4", 8 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 150 - 41824001)	1,042.68	70.13
23 43 33 00-0013	EA	23-1/4", 25 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 225 - 41824000)	1,095.80	80.47
23 43 33 00-0014	EA	35", 36 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 310 - 41824002)	1,608.56	87.37
23 43 33 00-0015		Wall Mounted, Ultraviolet Germicidal Fixtures And Accessories (Fresh-Aire UV) *(23 43 33)*		
23 43 33 00-0016	EA	32" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232S-TFHO)	709.42	84.78
23 43 33 00-0017	EA	32" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232D-TFHO)	959.53	84.78
23 43 33 00-0018	EA	46" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246S-TFHO)	772.11	89.78
23 43 33 00-0019	EA	46" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246D-TFHO)	1,079.20	89.78
23 43 33 00-0020	EA	60" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260S-TFHO)	842.30	94.84
23 43 33 00-0021	EA	60" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260D-TFHO)	1,393.17	94.84
23 43 33 00-0022	EA	32" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232S-HO)	668.26	84.78
23 43 33 00-0023	EA	32" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232D-HO)	879.32	84.78
23 43 33 00-0024	EA	46" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246S-HO)	715.12	89.78
23 43 33 00-0025	EA	46" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246D-HO)	965.23	89.78
23 43 33 00-0026	EA	60" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260S-HO)	728.33	94.84
23 43 33 00-0027	EA	60" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260D-HO)	1,166.28	94.84
23 43 33 00-0028	EA	5' (1.5m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL5)	32.68	
23 43 33 00-0029	EA	10' (3m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL10)	41.13	
23 43 33 00-0030	EA	5" Stainless Steel Coil Mount Bracket (Fresh-Aire UV TUVC-CMBRKT-SS5)	44.21	
23 43 33 00-0031	EA	18" (45cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-18)	55.12	
23 43 33 00-0032	EA	24" (60cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-24)	62.51	
23 43 33 00-0033	EA	32" (81cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-32)	70.95	
23 43 33 00-0034	EA	46" (117cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-46)	75.17	
23 43 33 00-0035	EA	60" (152cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-60)	78.34	
23 43 33 00-0036	EA	110-277 VAC, Door Interlock Safety Switch Kit (Fresh-Aire UV TUVC-INTLCK-SP)	242.97	
23 43 33 00-0037	EA	15" (38cm) Odor Control, UVC/UVV Lamp (Fresh-Aire UV TUVL-115P-OS-50) Note: 1 Year Warranty	170.26	56.39
23 43 33 00-0038	EA	18" (45cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-218HO) Note: 2 Year Warranty	208.34	59.20
23 43 33 00-0039	EA	24" (60cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-224HO) Note: 2 Year Warranty	223.29	65.52
23 43 33 00-0040	EA	32" (81cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-132) Note: 1 Year Warranty	200.93	69.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 43 33 00-0041	EA	32" (81cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232TF) Note: 1 Year Warranty	248.42	69.83
23 43 33 00-0042	EA	32" (81cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO) Note: 1 Year Warranty	235.76	69.83
23 43 33 00-0043	EA	32" (81cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO-TF) Note: 1 Year Warranty	274.80	69.83
23 43 33 00-0044	EA	46" (117cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-146) Note: 1 Year Warranty	234.67	74.43
23 43 33 00-0045	EA	46" (117cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246TF) Note: 2 Year Warranty	289.55	74.43
23 43 33 00-0046	EA	46" (117cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO) Note: 2 Year Warranty	262.11	74.43
23 43 33 00-0047	EA	46" (117cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO-TF) Note: 2 Year Warranty	319.10	74.43
23 43 33 00-0048	EA	60" (152cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-160) Note: 1 Year Warranty	298.00	75.01
23 43 33 00-0049	EA	60" (152cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260TF) Note: 2 Year Warranty	375.04	75.01
23 43 33 00-0050	EA	60" (152cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO) Note: 2 Year Warranty	325.44	75.01
23 43 33 00-0051	EA	60" (152cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO-TF) Note: 1 Year Warranty	439.41	75.01

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*
Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,946.51	269.69
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	4,476.53	294.20
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	5,379.50	324.86
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	7,040.45	376.95

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,750.52	294.20
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,800.51	324.86
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	7,540.99	380.02
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,935.63	425.98

23 51 13 13-0012 Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	544.63	91.93

23 51 13 16 Vent Dampers *(23 51 13)*

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*

23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	1,052.67	54.43
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	1,154.75	57.74
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	1,275.52	61.29
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	1,362.78	65.36
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	1,488.24	70.02
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	1,580.70	75.39
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	1,748.08	81.74
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	1,919.68	89.15
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	2,150.63	93.47
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	2,310.99	98.06
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	2,525.99	102.97
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	2,979.22	163.03
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	3,268.46	173.15
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	3,542.59	183.88
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	3,602.27	190.01
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	3,715.69	196.14
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	3,818.07	208.40
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	3,984.97	214.39
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	4,157.84	226.64
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	4,356.02	245.17
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	4,577.21	253.59
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	4,781.96	257.43
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	5,016.92	269.69
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	5,253.22	281.94
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	5,490.20	294.20
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	5,726.19	306.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 51 13 19 Barometric Dampers *(23 51 13)*

23 51 13 19-0001 Barometric Dampers *(23 51 13 19)*

23 51 13 19-0002	EA	6" x 6" Barometric Damper	486.78	10.63
23 51 13 19-0003	EA	12" x 12" Barometric Damper	704.21	14.62
23 51 13 19-0004	EA	18" x 18" Barometric Damper	943.74	22.58
23 51 13 19-0005	EA	24" x 24" Barometric Damper	1,129.26	42.52
23 51 13 19-0006	EA	6" Diameter Barometric Damper	238.99	10.63
		For Stainless Steel, Add	*237.30*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	282.77	11.96
		For Stainless Steel, Add	*281.93*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	328.07	13.28
		For Stainless Steel, Add	*326.95*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	403.60	13.28
		For Stainless Steel, Add	*414.17*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	531.53	15.94
		For Stainless Steel, Add	*564.25*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	674.77	17.27
		For Stainless Steel, Add	*727.73*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	848.17	18.60
		For Stainless Steel, Add	*928.13*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	1,012.07	19.93
		For Stainless Steel, Add	*1,115.53*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,174.02	22.58
		For Stainless Steel, Add	*1,302.54*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,545.84	23.91
		For Stainless Steel, Add	*1,740.23*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,839.81	26.57
		For Stainless Steel, Add	*2,083.01*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	2,218.08	26.57
		For Stainless Steel, Add	*2,531.24*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,734.31	30.56
		For Stainless Steel, Add	*3,137.69*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,487.68	31.89
		For Stainless Steel, Add	*4,034.17*	

23 51 16 Fabricated Breechings and Accessories *(23 51)*

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	34.54	10.91
		For Aluminum Liner, Add	*0.40*	
		For 304 Stainless Steel Liner, Add	*0.55*	
		For 2" Wall Instead Of 1", Add	*4.92*	
		For 3" To 4" Wall Instead Of 1", Add	*8.74*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	37.11	11.52
		For Aluminum Liner, Add	*0.49*	
		For 304 Stainless Steel Liner, Add	*0.67*	
		For 2" Wall Instead Of 1", Add	*5.51*	
		For 3" To 4" Wall Instead Of 1", Add	*9.67*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	40.98	12.26
		For Aluminum Liner, Add	*0.59*	
		For 304 Stainless Steel Liner, Add	*0.80*	
		For 2" Wall Instead Of 1", Add	*6.23*	
		For 3" To 4" Wall Instead Of 1", Add	*10.86*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	44.70	13.12
		For Aluminum Liner, Add	*0.68*	
		For 304 Stainless Steel Liner, Add	*0.93*	
		For 2" Wall Instead Of 1", Add	*6.94*	
		For 3" To 4" Wall Instead Of 1", Add	*12.03*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	52.51	13.98
		For Aluminum Liner, Add	*1.00*	
		For 304 Stainless Steel Liner, Add	*1.37*	
		For 2" Wall Instead Of 1", Add	*8.90*	
		For 3" To 4" Wall Instead Of 1", Add	*15.06*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	58.35	15.08
		For Aluminum Liner, Add	*1.12*	
		For 304 Stainless Steel Liner, Add	*1.52*	
		For 2" Wall Instead Of 1", Add	*9.89*	
		For 3" To 4" Wall Instead Of 1", Add	*16.74*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	84.01	16.18
		For Aluminum Liner, Add	*2.36*	
		For 304 Stainless Steel Liner, Add	*3.21*	
		For 2" Wall Instead Of 1", Add	*16.97*	
		For 3" To 4" Wall Instead Of 1", Add	*27.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	102.12	17.90
		For Aluminum Liner, Add	*3.16*	
		For 304 Stainless Steel Liner, Add	*4.31*	
		For 2" Wall Instead Of 1", Add	*21.71*	
		For 3" To 4" Wall Instead Of 1", Add	*34.80*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	143.26	18.63
		For Aluminum Liner, Add	*5.31*	
		For 304 Stainless Steel Liner, Add	*7.24*	
		For 2" Wall Instead Of 1", Add	*33.64*	
		For 3" To 4" Wall Instead Of 1", Add	*52.79*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	179.01	19.61
		For Aluminum Liner, Add	*7.16*	
		For 304 Stainless Steel Liner, Add	*9.76*	
		For 2" Wall Instead Of 1", Add	*43.94*	
		For 3" To 4" Wall Instead Of 1", Add	*68.35*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	220.19	20.59
		For Aluminum Liner, Add	*9.25*	
		For 304 Stainless Steel Liner, Add	*12.61*	
		For 2" Wall Instead Of 1", Add	*55.65*	
		For 3" To 4" Wall Instead Of 1", Add	*86.08*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	280.38	32.73
		For Aluminum Liner, Add	*10.98*	
		For 304 Stainless Steel Liner, Add	*14.97*	
		For 2" Wall Instead Of 1", Add	*67.96*	
		For 3" To 4" Wall Instead Of 1", Add	*105.98*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	338.95	34.57
		For Aluminum Liner, Add	*13.84*	
		For 304 Stainless Steel Liner, Add	*18.88*	
		For 2" Wall Instead Of 1", Add	*84.24*	
		For 3" To 4" Wall Instead Of 1", Add	*130.72*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	402.97	36.77
		For Aluminum Liner, Add	*17.07*	
		For 304 Stainless Steel Liner, Add	*23.27*	
		For 2" Wall Instead Of 1", Add	*102.36*	
		For 3" To 4" Wall Instead Of 1", Add	*158.17*	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	468.10	38.00
		For Aluminum Liner, Add	*20.53*	
		For 304 Stainless Steel Liner, Add	*27.99*	
		For 2" Wall Instead Of 1", Add	*121.45*	
		For 3" To 4" Wall Instead Of 1", Add	*186.93*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	490.78	39.23
		For Aluminum Liner, Add	*21.60*	
		For 304 Stainless Steel Liner, Add	*29.46*	
		For 2" Wall Instead Of 1", Add	*127.63*	
		For 3" To 4" Wall Instead Of 1", Add	*196.34*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	521.57	42.04
		For Aluminum Liner, Add	*22.91*	
		For 304 Stainless Steel Liner, Add	*31.25*	
		For 2" Wall Instead Of 1", Add	*135.48*	
		For 3" To 4" Wall Instead Of 1", Add	*208.47*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	590.58	43.64
		For Aluminum Liner, Add	*26.49*	
		For 304 Stainless Steel Liner, Add	*36.13*	
		For 2" Wall Instead Of 1", Add	*155.40*	
		For 3" To 4" Wall Instead Of 1", Add	*238.54*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	662.02	45.23
		For Aluminum Liner, Add	*30.19*	
		For 304 Stainless Steel Liner, Add	*41.17*	
		For 2" Wall Instead Of 1", Add	*176.00*	
		For 3" To 4" Wall Instead Of 1", Add	*269.65*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	696.92	47.07
		For Aluminum Liner, Add	*31.86*	
		For 304 Stainless Steel Liner, Add	*43.45*	
		For 2" Wall Instead Of 1", Add	*185.56*	
		For 3" To 4" Wall Instead Of 1", Add	*284.22*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	756.03	49.03
		For Aluminum Liner, Add	*34.85*	
		For 304 Stainless Steel Liner, Add	*47.52*	
		For 2" Wall Instead Of 1", Add	*202.32*	
		For 3" To 4" Wall Instead Of 1", Add	*309.61*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	833.07	51.12
		For Aluminum Liner, Add	*38.79*	
		For 304 Stainless Steel Liner, Add	*52.89*	
		For 2" Wall Instead Of 1", Add	*224.35*	
		For 3" To 4" Wall Instead Of 1", Add	*342.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	871.53	53.45
		For Aluminum Liner, Add	*40.58*	
		For 304 Stainless Steel Liner, Add	*55.33*	
		For 2" Wall Instead Of 1", Add	*234.71*	
		For 3" To 4" Wall Instead Of 1", Add	*358.75*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	964.68	56.02
		For Aluminum Liner, Add	*45.35*	
		For 304 Stainless Steel Liner, Add	*61.84*	
		For 2" Wall Instead Of 1", Add	*261.38*	
		For 3" To 4" Wall Instead Of 1", Add	*399.07*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	1,047.63	58.84
		For Aluminum Liner, Add	*49.53*	
		For 304 Stainless Steel Liner, Add	*67.54*	
		For 2" Wall Instead Of 1", Add	*284.86*	
		For 3" To 4" Wall Instead Of 1", Add	*434.65*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	1,152.69	61.91
		For Aluminum Liner, Add	*54.90*	
		For 304 Stainless Steel Liner, Add	*74.86*	
		For 2" Wall Instead Of 1", Add	*314.90*	
		For 3" To 4" Wall Instead Of 1", Add	*480.07*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	87.66	21.82
		For Aluminum Liner, Add	*1.85*	
		For 304 Stainless Steel Liner, Add	*2.52*	
		For 2" Wall Instead Of 1", Add	*15.49*	
		For 3" To 4" Wall Instead Of 1", Add	*25.93*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.16	23.05
		For Aluminum Liner, Add	*2.18*	
		For 304 Stainless Steel Liner, Add	*2.98*	
		For 2" Wall Instead Of 1", Add	*17.65*	
		For 3" To 4" Wall Instead Of 1", Add	*29.35*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	108.39	24.52
		For Aluminum Liner, Add	*2.61*	
		For 304 Stainless Steel Liner, Add	*3.55*	
		For 2" Wall Instead Of 1", Add	*20.32*	
		For 3" To 4" Wall Instead Of 1", Add	*33.52*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	119.91	26.11
		For Aluminum Liner, Add	*3.03*	
		For 304 Stainless Steel Liner, Add	*4.13*	
		For 2" Wall Instead Of 1", Add	*23.00*	
		For 3" To 4" Wall Instead Of 1", Add	*37.75*	
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	143.11	27.94
		For Aluminum Liner, Add	*4.05*	
		For 304 Stainless Steel Liner, Add	*5.52*	
		For 2" Wall Instead Of 1", Add	*29.04*	
		For 3" To 4" Wall Instead Of 1", Add	*47.03*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	167.61	30.16
		For Aluminum Liner, Add	*5.07*	
		For 304 Stainless Steel Liner, Add	*6.92*	
		For 2" Wall Instead Of 1", Add	*35.21*	
		For 3" To 4" Wall Instead Of 1", Add	*56.58*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	294.08	32.73
		For Aluminum Liner, Add	*11.67*	
		For 304 Stainless Steel Liner, Add	*15.91*	
		For 2" Wall Instead Of 1", Add	*71.83*	
		For 3" To 4" Wall Instead Of 1", Add	*111.84*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	356.56	35.67
		For Aluminum Liner, Add	*14.71*	
		For 304 Stainless Steel Liner, Add	*20.06*	
		For 2" Wall Instead Of 1", Add	*89.14*	
		For 3" To 4" Wall Instead Of 1", Add	*138.17*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	463.21	37.39
		For Aluminum Liner, Add	*20.34*	
		For 304 Stainless Steel Liner, Add	*27.74*	
		For 2" Wall Instead Of 1", Add	*120.28*	
		For 3" To 4" Wall Instead Of 1", Add	*185.09*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	570.05	39.23
		For Aluminum Liner, Add	*25.97*	
		For 304 Stainless Steel Liner, Add	*35.41*	
		For 2" Wall Instead Of 1", Add	*151.44*	
		For 3" To 4" Wall Instead Of 1", Add	*232.05*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	737.80	41.31
		For Aluminum Liner, Add	*34.90*	
		For 304 Stainless Steel Liner, Add	*47.59*	
		For 2" Wall Instead Of 1", Add	*200.67*	
		For 3" To 4" Wall Instead Of 1", Add	*306.18*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,039.63	65.34
		For Aluminum Liner, Add	*48.18*	
		For 304 Stainless Steel Liner, Add	*65.71*	
		For 2" Wall Instead Of 1", Add	*279.18*	
		For 3" To 4" Wall Instead Of 1", Add	*426.95*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,372.00	69.26
		For Aluminum Liner, Add	*65.94*	
		For 304 Stainless Steel Liner, Add	*89.91*	
		For 2" Wall Instead Of 1", Add	*376.97*	
		For 3" To 4" Wall Instead Of 1", Add	*574.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,548.91	73.55
		For Aluminum Liner, Add	*75.07*	
		For 304 Stainless Steel Liner, Add	*102.36*	
		For 2" Wall Instead Of 1", Add	*427.86*	
		For 3" To 4" Wall Instead Of 1", Add	*650.99*	
23 51 16 00-0044		45 Degree Elbows *(23 51 16 00-0001)*		
23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.80	21.82
		For Aluminum Liner, Add	*1.07*	
		For 304 Stainless Steel Liner, Add	*1.45*	
		For 2" Wall Instead Of 1", Add	*11.25*	
		For 3" To 4" Wall Instead Of 1", Add	*19.60*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	80.56	23.05
		For Aluminum Liner, Add	*1.26*	
		For 304 Stainless Steel Liner, Add	*1.71*	
		For 2" Wall Instead Of 1", Add	*12.62*	
		For 3" To 4" Wall Instead Of 1", Add	*21.82*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.16	24.52
		For Aluminum Liner, Add	*1.48*	
		For 304 Stainless Steel Liner, Add	*2.01*	
		For 2" Wall Instead Of 1", Add	*14.19*	
		For 3" To 4" Wall Instead Of 1", Add	*24.35*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.52	26.11
		For Aluminum Liner, Add	*1.77*	
		For 304 Stainless Steel Liner, Add	*2.41*	
		For 2" Wall Instead Of 1", Add	*16.18*	
		For 3" To 4" Wall Instead Of 1", Add	*27.54*	
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	116.13	27.94
		For Aluminum Liner, Add	*2.54*	
		For 304 Stainless Steel Liner, Add	*3.46*	
		For 2" Wall Instead Of 1", Add	*20.84*	
		For 3" To 4" Wall Instead Of 1", Add	*34.75*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	128.42	30.16
		For Aluminum Liner, Add	*2.92*	
		For 304 Stainless Steel Liner, Add	*3.98*	
		For 2" Wall Instead Of 1", Add	*23.45*	
		For 3" To 4" Wall Instead Of 1", Add	*38.94*	
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	214.31	32.73
		For Aluminum Liner, Add	*7.29*	
		For 304 Stainless Steel Liner, Add	*9.94*	
		For 2" Wall Instead Of 1", Add	*47.95*	
		For 3" To 4" Wall Instead Of 1", Add	*76.00*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	256.29	35.67
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*59.06*	
		For 3" To 4" Wall Instead Of 1", Add	*93.05*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	328.59	37.39
		For Aluminum Liner, Add	*12.93*	
		For 304 Stainless Steel Liner, Add	*17.64*	
		For 2" Wall Instead Of 1", Add	*79.89*	
		For 3" To 4" Wall Instead Of 1", Add	*124.51*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	393.13	39.23
		For Aluminum Liner, Add	*16.23*	
		For 304 Stainless Steel Liner, Add	*22.13*	
		For 2" Wall Instead Of 1", Add	*98.33*	
		For 3" To 4" Wall Instead Of 1", Add	*152.40*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	499.78	41.31
		For Aluminum Liner, Add	*21.81*	
		For 304 Stainless Steel Liner, Add	*29.74*	
		For 2" Wall Instead Of 1", Add	*129.29*	
		For 3" To 4" Wall Instead Of 1", Add	*199.09*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	610.28	65.21
		For Aluminum Liner, Add	*24.60*	
		For 304 Stainless Steel Liner, Add	*33.55*	
		For 2" Wall Instead Of 1", Add	*150.48*	
		For 3" To 4" Wall Instead Of 1", Add	*233.87*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	846.34	69.26
		For Aluminum Liner, Add	*37.03*	
		For 304 Stainless Steel Liner, Add	*50.49*	
		For 2" Wall Instead Of 1", Add	*219.27*	
		For 3" To 4" Wall Instead Of 1", Add	*337.57*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,036.80	73.55
		For Aluminum Liner, Add	*46.92*	
		For 304 Stainless Steel Liner, Add	*63.98*	
		For 2" Wall Instead Of 1", Add	*274.29*	
		For 3" To 4" Wall Instead Of 1", Add	*420.62*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,872.90	76.01
		For Aluminum Liner, Add	*92.57*	
		For 304 Stainless Steel Liner, Add	*126.23*	
		For 2" Wall Instead Of 1", Add	*523.89*	
		For 3" To 4" Wall Instead Of 1", Add	*795.33*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,925.13	78.45
		For Aluminum Liner, Add	*95.10*	
		For 304 Stainless Steel Liner, Add	*129.68*	
		For 2" Wall Instead Of 1", Add	*538.34*	
		For 3" To 4" Wall Instead Of 1", Add	*817.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,029.61	83.36
		For Aluminum Liner, Add	*100.17*	
		For 304 Stainless Steel Liner, Add	*136.60*	
		For 2" Wall Instead Of 1", Add	*567.23*	
		For 3" To 4" Wall Instead Of 1", Add	*861.26*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,266.28	85.81
		For Aluminum Liner, Add	*112.85*	
		For 304 Stainless Steel Liner, Add	*153.89*	
		For 2" Wall Instead Of 1", Add	*637.01*	
		For 3" To 4" Wall Instead Of 1", Add	*966.23*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,474.50	90.71
		For Aluminum Liner, Add	*123.63*	
		For 304 Stainless Steel Liner, Add	*168.59*	
		For 2" Wall Instead Of 1", Add	*697.02*	
		For 3" To 4" Wall Instead Of 1", Add	*1,056.87*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,550.51	98.06
		For Aluminum Liner, Add	*126.80*	
		For 304 Stainless Steel Liner, Add	*172.91*	
		For 2" Wall Instead Of 1", Add	*716.15*	
		For 3" To 4" Wall Instead Of 1", Add	*1,086.48*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,732.00	101.50
		For Aluminum Liner, Add	*136.31*	
		For 304 Stainless Steel Liner, Add	*185.88*	
		For 2" Wall Instead Of 1", Add	*768.88*	
		For 3" To 4" Wall Instead Of 1", Add	*1,166.00*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,908.59	102.97
		For Aluminum Liner, Add	*145.82*	
		For 304 Stainless Steel Liner, Add	*198.85*	
		For 2" Wall Instead Of 1", Add	*821.12*	
		For 3" To 4" Wall Instead Of 1", Add	*1,244.55*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,036.11	107.87
		For Aluminum Liner, Add	*152.16*	
		For 304 Stainless Steel Liner, Add	*207.50*	
		For 2" Wall Instead Of 1", Add	*856.93*	
		For 3" To 4" Wall Instead Of 1", Add	*1,298.87*	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,221.26	112.78
		For Aluminum Liner, Add	*161.67*	
		For 304 Stainless Steel Liner, Add	*220.46*	
		For 2" Wall Instead Of 1", Add	*910.03*	
		For 3" To 4" Wall Instead Of 1", Add	*1,379.13*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,464.06	117.68
		For Aluminum Liner, Add	*174.35*	
		For 304 Stainless Steel Liner, Add	*237.75*	
		For 2" Wall Instead Of 1", Add	*980.42*	
		For 3" To 4" Wall Instead Of 1", Add	*1,485.33*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,591.58	122.59
		For Aluminum Liner, Add	*180.69*	
		For 304 Stainless Steel Liner, Add	*246.40*	
		For 2" Wall Instead Of 1", Add	*1,016.22*	
		For 3" To 4" Wall Instead Of 1", Add	*1,539.65*	
23 51 16 00-0071		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	120.01	29.06
		For Aluminum Liner, Add	*2.60*	
		For 304 Stainless Steel Liner, Add	*3.54*	
		For 2" Wall Instead Of 1", Add	*21.45*	
		For 3" To 4" Wall Instead Of 1", Add	*35.82*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	124.96	30.16
		For Aluminum Liner, Add	*2.73*	
		For 304 Stainless Steel Liner, Add	*3.72*	
		For 2" Wall Instead Of 1", Add	*22.41*	
		For 3" To 4" Wall Instead Of 1", Add	*37.38*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	130.33	31.38
		For Aluminum Liner, Add	*2.85*	
		For 304 Stainless Steel Liner, Add	*3.89*	
		For 2" Wall Instead Of 1", Add	*23.41*	
		For 3" To 4" Wall Instead Of 1", Add	*39.03*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	139.40	32.73
		For Aluminum Liner, Add	*3.17*	
		For 304 Stainless Steel Liner, Add	*4.32*	
		For 2" Wall Instead Of 1", Add	*25.47*	
		For 3" To 4" Wall Instead Of 1", Add	*42.29*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	164.86	34.08
		For Aluminum Liner, Add	*4.37*	
		For 304 Stainless Steel Liner, Add	*5.97*	
		For 2" Wall Instead Of 1", Add	*32.39*	
		For 3" To 4" Wall Instead Of 1", Add	*52.86*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	176.73	35.67
		For Aluminum Liner, Add	*4.82*	
		For 304 Stainless Steel Liner, Add	*6.57*	
		For 2" Wall Instead Of 1", Add	*35.20*	
		For 3" To 4" Wall Instead Of 1", Add	*57.25*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	330.88	37.39
		For Aluminum Liner, Add	*13.06*	
		For 304 Stainless Steel Liner, Add	*17.81*	
		For 2" Wall Instead Of 1", Add	*80.58*	
		For 3" To 4" Wall Instead Of 1", Add	*125.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	383.91	39.23
		For Aluminum Liner, Add	*15.72*	
		For 304 Stainless Steel Liner, Add	*21.44*	
		For 2" Wall Instead Of 1", Add	*95.57*	
		For 3" To 4" Wall Instead Of 1", Add	*148.25*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	574.65	43.64
		For Aluminum Liner, Add	*25.61*	
		For 304 Stainless Steel Liner, Add	*34.93*	
		For 2" Wall Instead Of 1", Add	*150.61*	
		For 3" To 4" Wall Instead Of 1", Add	*231.36*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	781.91	49.03
		For Aluminum Liner, Add	*36.27*	
		For 304 Stainless Steel Liner, Add	*49.45*	
		For 2" Wall Instead Of 1", Add	*210.07*	
		For 3" To 4" Wall Instead Of 1", Add	*321.22*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	970.05	56.02
		For Aluminum Liner, Add	*45.65*	
		For 304 Stainless Steel Liner, Add	*62.25*	
		For 2" Wall Instead Of 1", Add	*263.00*	
		For 3" To 4" Wall Instead Of 1", Add	*401.51*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,291.12	69.26
		For Aluminum Liner, Add	*61.50*	
		For 304 Stainless Steel Liner, Add	*83.86*	
		For 2" Wall Instead Of 1", Add	*352.75*	
		For 3" To 4" Wall Instead Of 1", Add	*537.77*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,621.00	90.47
		For Aluminum Liner, Add	*76.72*	
		For 304 Stainless Steel Liner, Add	*104.61*	
		For 2" Wall Instead Of 1", Add	*441.07*	
		For 3" To 4" Wall Instead Of 1", Add	*672.91*	
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,864.42	95.62
		For Aluminum Liner, Add	*89.40*	
		For 304 Stainless Steel Liner, Add	*121.90*	
		For 2" Wall Instead Of 1", Add	*511.52*	
		For 3" To 4" Wall Instead Of 1", Add	*779.23*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,563.03	102.97
		For Aluminum Liner, Add	*126.80*	
		For 304 Stainless Steel Liner, Add	*172.91*	
		For 2" Wall Instead Of 1", Add	*717.40*	
		For 3" To 4" Wall Instead Of 1", Add	*1,088.98*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,861.10	107.01
		For Aluminum Liner, Add	*142.65*	
		For 304 Stainless Steel Liner, Add	*194.53*	
		For 2" Wall Instead Of 1", Add	*804.85*	
		For 3" To 4" Wall Instead Of 1", Add	*1,220.64*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,106.16	112.78
		For Aluminum Liner, Add	*155.33*	
		For 304 Stainless Steel Liner, Add	*211.82*	
		For 2" Wall Instead Of 1", Add	*875.46*	
		For 3" To 4" Wall Instead Of 1", Add	*1,327.29*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,579.44	117.68
		For Aluminum Liner, Add	*180.69*	
		For 304 Stainless Steel Liner, Add	*246.40*	
		For 2" Wall Instead Of 1", Add	*1,015.01*	
		For 3" To 4" Wall Instead Of 1", Add	*1,537.22*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,649.43	122.59
		For Aluminum Liner, Add	*183.86*	
		For 304 Stainless Steel Liner, Add	*250.72*	
		For 2" Wall Instead Of 1", Add	*1,033.54*	
		For 3" To 4" Wall Instead Of 1", Add	*1,565.63*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,246.41	130.80
		For Aluminum Liner, Add	*215.56*	
		For 304 Stainless Steel Liner, Add	*293.95*	
		For 2" Wall Instead Of 1", Add	*1,208.51*	
		For 3" To 4" Wall Instead Of 1", Add	*1,829.12*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,344.88	147.11
		For Aluminum Liner, Add	*218.73*	
		For 304 Stainless Steel Liner, Add	*298.27*	
		For 2" Wall Instead Of 1", Add	*1,229.88*	
		For 3" To 4" Wall Instead Of 1", Add	*1,863.22*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,743.18	168.18
		For Aluminum Liner, Add	*237.75*	
		For 304 Stainless Steel Liner, Add	*324.21*	
		For 2" Wall Instead Of 1", Add	*1,338.88*	
		For 3" To 4" Wall Instead Of 1", Add	*2,029.34*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,216.61	196.14
		For Aluminum Liner, Add	*259.94*	
		For 304 Stainless Steel Liner, Add	*354.47*	
		For 2" Wall Instead Of 1", Add	*1,466.92*	
		For 3" To 4" Wall Instead Of 1", Add	*2,224.89*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,680.92	220.65
		For Aluminum Liner, Add	*282.14*	
		For 304 Stainless Steel Liner, Add	*384.73*	
		For 2" Wall Instead Of 1", Add	*1,594.04*	
		For 3" To 4" Wall Instead Of 1", Add	*2,418.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	6,218.09	228.01
		For Aluminum Liner, Add	*310.67*	
		For 304 Stainless Steel Liner, Add	*423.63*	
		For 2" Wall Instead Of 1", Add	*1,751.50*	
		For 3" To 4" Wall Instead Of 1", Add	*2,655.73*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	6,582.52	235.36
		For Aluminum Liner, Add	*329.69*	
		For 304 Stainless Steel Liner, Add	*449.57*	
		For 2" Wall Instead Of 1", Add	*1,857.11*	
		For 3" To 4" Wall Instead Of 1", Add	*2,815.08*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	60.51	17.04
		For Aluminum Liner, Add	*0.98*	
		For 304 Stainless Steel Liner, Add	*1.34*	
		For 2" Wall Instead Of 1", Add	*9.63*	
		For 3" To 4" Wall Instead Of 1", Add	*16.57*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	63.41	17.90
		For Aluminum Liner, Add	*1.03*	
		For 304 Stainless Steel Liner, Add	*1.41*	
		For 2" Wall Instead Of 1", Add	*10.10*	
		For 3" To 4" Wall Instead Of 1", Add	*17.38*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	81.65	19.61
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*14.69*	
		For 3" To 4" Wall Instead Of 1", Add	*24.49*	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	87.05	21.82
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*15.23*	
		For 3" To 4" Wall Instead Of 1", Add	*25.57*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	105.69	23.05
		For Aluminum Liner, Add	*2.64*	
		For 304 Stainless Steel Liner, Add	*3.61*	
		For 2" Wall Instead Of 1", Add	*20.18*	
		For 3" To 4" Wall Instead Of 1", Add	*33.16*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	124.69	24.52
		For Aluminum Liner, Add	*3.49*	
		For 304 Stainless Steel Liner, Add	*4.76*	
		For 2" Wall Instead Of 1", Add	*25.15*	
		For 3" To 4" Wall Instead Of 1", Add	*40.79*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	292.48	27.94
		For Aluminum Liner, Add	*12.24*	
		For 304 Stainless Steel Liner, Add	*16.69*	
		For 2" Wall Instead Of 1", Add	*73.74*	
		For 3" To 4" Wall Instead Of 1", Add	*114.12*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	544.02	35.05
		For Aluminum Liner, Add	*25.11*	
		For 304 Stainless Steel Liner, Add	*34.24*	
		For 2" Wall Instead Of 1", Add	*145.70*	
		For 3" To 4" Wall Instead Of 1", Add	*222.93*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,004.20	42.04
		For Aluminum Liner, Add	*49.45*	
		For 304 Stainless Steel Liner, Add	*67.44*	
		For 2" Wall Instead Of 1", Add	*280.25*	
		For 3" To 4" Wall Instead Of 1", Add	*425.63*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,668.76	58.84
		For Aluminum Liner, Add	*83.69*	
		For 304 Stainless Steel Liner, Add	*114.12*	
		For 2" Wall Instead Of 1", Add	*471.20*	
		For 3" To 4" Wall Instead Of 1", Add	*714.16*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,460.28	61.91
		For Aluminum Liner, Add	*126.80*	
		For 304 Stainless Steel Liner, Add	*172.91*	
		For 2" Wall Instead Of 1", Add	*707.13*	
		For 3" To 4" Wall Instead Of 1", Add	*1,068.43*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,757.13	65.34
		For Aluminum Liner, Add	*142.65*	
		For 304 Stainless Steel Liner, Add	*194.53*	
		For 2" Wall Instead Of 1", Add	*794.45*	
		For 3" To 4" Wall Instead Of 1", Add	*1,199.85*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,112.65	69.26
		For Aluminum Liner, Add	*161.67*	
		For 304 Stainless Steel Liner, Add	*220.46*	
		For 2" Wall Instead Of 1", Add	*899.17*	
		For 3" To 4" Wall Instead Of 1", Add	*1,357.41*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,296.37	73.55
		For Aluminum Liner, Add	*171.18*	
		For 304 Stainless Steel Liner, Add	*233.43*	
		For 2" Wall Instead Of 1", Add	*952.12*	
		For 3" To 4" Wall Instead Of 1", Add	*1,437.38*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,481.53	78.45
		For Aluminum Liner, Add	*180.69*	
		For 304 Stainless Steel Liner, Add	*246.40*	
		For 2" Wall Instead Of 1", Add	*1,005.22*	
		For 3" To 4" Wall Instead Of 1", Add	*1,517.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,725.93	84.10
		For Aluminum Liner, Add	*193.37*	
		For 304 Stainless Steel Liner, Add	*263.69*	
		For 2" Wall Instead Of 1", Add	*1,075.77*	
		For 3" To 4" Wall Instead Of 1", Add	*1,624.16*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	24.97	9.19
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*2.91*	
		For 3" To 4" Wall Instead Of 1", Add	*5.51*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	31.65	11.77
		For Aluminum Liner, Add	*0.12*	
		For 304 Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*3.59*	
		For 3" To 4" Wall Instead Of 1", Add	*6.86*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	42.12	15.82
		For Aluminum Liner, Add	*0.14*	
		For 304 Stainless Steel Liner, Add	*0.19*	
		For 2" Wall Instead Of 1", Add	*4.73*	
		For 3" To 4" Wall Instead Of 1", Add	*9.07*	
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	52.70	19.61
		For Aluminum Liner, Add	*0.20*	
		For 304 Stainless Steel Liner, Add	*0.28*	
		For 2" Wall Instead Of 1", Add	*6.00*	
		For 3" To 4" Wall Instead Of 1", Add	*11.46*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	75.64	26.48
		For Aluminum Liner, Add	*0.52*	
		For 304 Stainless Steel Liner, Add	*0.71*	
		For 2" Wall Instead Of 1", Add	*9.45*	
		For 3" To 4" Wall Instead Of 1", Add	*17.49*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	95.51	32.85
		For Aluminum Liner, Add	*0.74*	
		For 304 Stainless Steel Liner, Add	*1.00*	
		For 2" Wall Instead Of 1", Add	*12.23*	
		For 3" To 4" Wall Instead Of 1", Add	*22.44*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	120.73	39.23
		For Aluminum Liner, Add	*1.25*	
		For 304 Stainless Steel Liner, Add	*1.70*	
		For 2" Wall Instead Of 1", Add	*16.61*	
		For 3" To 4" Wall Instead Of 1", Add	*29.81*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	157.03	46.58
		For Aluminum Liner, Add	*2.23*	
		For 304 Stainless Steel Liner, Add	*3.04*	
		For 2" Wall Instead Of 1", Add	*23.82*	
		For 3" To 4" Wall Instead Of 1", Add	*41.55*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	210.28	51.49
		For Aluminum Liner, Add	*4.49*	
		For 304 Stainless Steel Liner, Add	*6.12*	
		For 2" Wall Instead Of 1", Add	*37.34*	
		For 3" To 4" Wall Instead Of 1", Add	*62.45*	

23 51 16 00-0125 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	67.70	21.82
		For Aluminum Liner, Add	*0.73*	
		For 304 Stainless Steel Liner, Add	*0.99*	
		For 2" Wall Instead Of 1", Add	*9.42*	
		For 3" To 4" Wall Instead Of 1", Add	*16.86*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	74.79	23.05
		For Aluminum Liner, Add	*0.94*	
		For 304 Stainless Steel Liner, Add	*1.28*	
		For 2" Wall Instead Of 1", Add	*10.89*	
		For 3" To 4" Wall Instead Of 1", Add	*19.22*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	93.92	26.11
		For Aluminum Liner, Add	*1.57*	
		For 304 Stainless Steel Liner, Add	*2.14*	
		For 2" Wall Instead Of 1", Add	*15.11*	
		For 3" To 4" Wall Instead Of 1", Add	*25.93*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	114.47	30.16
		For Aluminum Liner, Add	*2.15*	
		For 304 Stainless Steel Liner, Add	*2.93*	
		For 2" Wall Instead Of 1", Add	*19.26*	
		For 3" To 4" Wall Instead Of 1", Add	*32.66*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	188.97	32.73
		For Aluminum Liner, Add	*5.90*	
		For 304 Stainless Steel Liner, Add	*8.04*	
		For 2" Wall Instead Of 1", Add	*40.34*	
		For 3" To 4" Wall Instead Of 1", Add	*64.60*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	225.14	35.67
		For Aluminum Liner, Add	*7.48*	
		For 304 Stainless Steel Liner, Add	*10.20*	
		For 2" Wall Instead Of 1", Add	*49.72*	
		For 3" To 4" Wall Instead Of 1", Add	*79.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	265.21	39.23
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*59.95*	
		For 3" To 4" Wall Instead Of 1", Add	*94.83*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	316.59	43.64
		For Aluminum Liner, Add	*11.41*	
		For 304 Stainless Steel Liner, Add	*15.56*	
		For 2" Wall Instead Of 1", Add	*73.16*	
		For 3" To 4" Wall Instead Of 1", Add	*115.19*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	479.99	49.03
		For Aluminum Liner, Add	*19.65*	
		For 304 Stainless Steel Liner, Add	*26.80*	
		For 2" Wall Instead Of 1", Add	*119.47*	
		For 3" To 4" Wall Instead Of 1", Add	*185.34*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	527.72	65.34
		For Aluminum Liner, Add	*20.03*	
		For 304 Stainless Steel Liner, Add	*27.32*	
		For 2" Wall Instead Of 1", Add	*125.63*	
		For 3" To 4" Wall Instead Of 1", Add	*196.61*	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	671.30	84.10
		For Aluminum Liner, Add	*25.36*	
		For 304 Stainless Steel Liner, Add	*34.58*	
		For 2" Wall Instead Of 1", Add	*159.35*	
		For 3" To 4" Wall Instead Of 1", Add	*249.54*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	798.49	98.06
		For Aluminum Liner, Add	*30.43*	
		For 304 Stainless Steel Liner, Add	*41.50*	
		For 2" Wall Instead Of 1", Add	*190.51*	
		For 3" To 4" Wall Instead Of 1", Add	*298.03*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	26.75	9.19
		For Aluminum Liner, Add	*0.21*	
		For 304 Stainless Steel Liner, Add	*0.29*	
		For 2" Wall Instead Of 1", Add	*3.44*	
		For 3" To 4" Wall Instead Of 1", Add	*6.31*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	33.81	11.77
		For Aluminum Liner, Add	*0.24*	
		For 304 Stainless Steel Liner, Add	*0.33*	
		For 2" Wall Instead Of 1", Add	*4.26*	
		For 3" To 4" Wall Instead Of 1", Add	*7.86*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	39.79	13.73
		For Aluminum Liner, Add	*0.30*	
		For 304 Stainless Steel Liner, Add	*0.41*	
		For 2" Wall Instead Of 1", Add	*5.07*	
		For 3" To 4" Wall Instead Of 1", Add	*9.32*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	45.79	15.69
		For Aluminum Liner, Add	*0.36*	
		For 304 Stainless Steel Liner, Add	*0.49*	
		For 2" Wall Instead Of 1", Add	*5.89*	
		For 3" To 4" Wall Instead Of 1", Add	*10.80*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	57.77	19.61
		For Aluminum Liner, Add	*0.48*	
		For 304 Stainless Steel Liner, Add	*0.65*	
		For 2" Wall Instead Of 1", Add	*7.52*	
		For 3" To 4" Wall Instead Of 1", Add	*13.74*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	79.88	26.48
		For Aluminum Liner, Add	*0.75*	
		For 304 Stainless Steel Liner, Add	*1.03*	
		For 2" Wall Instead Of 1", Add	*10.72*	
		For 3" To 4" Wall Instead Of 1", Add	*19.40*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	98.58	32.85
		For Aluminum Liner, Add	*0.90*	
		For 304 Stainless Steel Liner, Add	*1.23*	
		For 2" Wall Instead Of 1", Add	*13.15*	
		For 3" To 4" Wall Instead Of 1", Add	*23.83*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	125.96	39.23
		For Aluminum Liner, Add	*1.53*	
		For 304 Stainless Steel Liner, Add	*2.09*	
		For 2" Wall Instead Of 1", Add	*18.18*	
		For 3" To 4" Wall Instead Of 1", Add	*32.17*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	166.96	46.58
		For Aluminum Liner, Add	*2.78*	
		For 304 Stainless Steel Liner, Add	*3.79*	
		For 2" Wall Instead Of 1", Add	*26.80*	
		For 3" To 4" Wall Instead Of 1", Add	*46.02*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	235.13	51.49
		For Aluminum Liner, Add	*5.85*	
		For 304 Stainless Steel Liner, Add	*7.98*	
		For 2" Wall Instead Of 1", Add	*44.80*	
		For 3" To 4" Wall Instead Of 1", Add	*73.63*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	45.33	11.52
		For 2" Wall Instead Of 1", Add	*7.84*	
		For 3" To 4" Wall Instead Of 1", Add	*13.20*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	50.04	12.26
		For 2" Wall Instead Of 1", Add	*8.93*	
		For 3" To 4" Wall Instead Of 1", Add	*14.91*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	55.48	13.12
		For 2" Wall Instead Of 1", Add	*10.10*	
		For 3" To 4" Wall Instead Of 1", Add	*16.79*	
23 51 16 00-0154		**45 Degree Elbows** *(23 51 16 00-0149)*		
23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	99.40	23.91
		For 2" Wall Instead Of 1", Add	*17.86*	
		For 3" To 4" Wall Instead Of 1", Add	*29.78*	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	115.99	27.94
		For 2" Wall Instead Of 1", Add	*20.82*	
		For 3" To 4" Wall Instead Of 1", Add	*34.73*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	138.21	31.63
		For 2" Wall Instead Of 1", Add	*25.65*	
		For 3" To 4" Wall Instead Of 1", Add	*42.42*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	101.38	23.91
		For 2" Wall Instead Of 1", Add	*18.45*	
		For 3" To 4" Wall Instead Of 1", Add	*30.67*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	120.80	27.94
		For 2" Wall Instead Of 1", Add	*22.26*	
		For 3" To 4" Wall Instead Of 1", Add	*36.89*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	141.32	31.63
		For 2" Wall Instead Of 1", Add	*26.58*	
		For 3" To 4" Wall Instead Of 1", Add	*43.82*	
23 51 16 00-0161		**Tees** *(23 51 16 00-0149)*		
23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	166.33	36.29
		For 2" Wall Instead Of 1", Add	*31.74*	
		For 3" To 4" Wall Instead Of 1", Add	*52.15*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	169.44	36.29
		For 2" Wall Instead Of 1", Add	*32.67*	
		For 3" To 4" Wall Instead Of 1", Add	*53.55*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	194.72	41.68
		For 2" Wall Instead Of 1", Add	*37.58*	
		For 3" To 4" Wall Instead Of 1", Add	*61.57*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	222.83	46.71
		For 2" Wall Instead Of 1", Add	*43.50*	
		For 3" To 4" Wall Instead Of 1", Add	*71.09*	
23 51 16 00-0166		**Tops/Caps And Adjustable Flashing** *(23 51 16 00-0149)*		
23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	63.77	11.77
		For 2" Wall Instead Of 1", Add	*13.22*	
		For 3" To 4" Wall Instead Of 1", Add	*21.31*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	99.65	15.82
		For 2" Wall Instead Of 1", Add	*21.99*	
		For 3" To 4" Wall Instead Of 1", Add	*34.96*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	51.60	11.77
		For 2" Wall Instead Of 1", Add	*9.57*	
		For 3" To 4" Wall Instead Of 1", Add	*15.84*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	88.20	15.82
		For 2" Wall Instead Of 1", Add	*18.55*	
		For 3" To 4" Wall Instead Of 1", Add	*29.81*	
23 51 16 00-0171		**Storm Collars** *(23 51 16 00-0149)*		
23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	33.81	11.77
		For 2" Wall Instead Of 1", Add	*4.26*	
		For 3" To 4" Wall Instead Of 1", Add	*7.86*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	39.79	13.73
		For 2" Wall Instead Of 1", Add	*5.07*	
		For 3" To 4" Wall Instead Of 1", Add	*9.32*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	45.79	15.69
		For 2" Wall Instead Of 1", Add	*5.89*	
		For 3" To 4" Wall Instead Of 1", Add	*10.80*	
23 51 16 00-0175		**Round Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0176		**Round Double Wall Flue/Vent Pipe** *(23 51 16 00-0175)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	124.82	13.12
		For 316 Stainless Steel, Add	*16.57*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	150.15	15.08
		For 316 Stainless Steel, Add	*20.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	166.73	16.30
		For 316 Stainless Steel, Add	*22.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.19*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	188.10	17.77
		For 316 Stainless Steel, Add	*25.84*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.71*	
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	211.91	18.63
		For 316 Stainless Steel, Add	*29.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	223.79	19.61
		For 316 Stainless Steel, Add	*31.44*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.93*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	248.02	20.71
		For 316 Stainless Steel, Add	*35.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*39.27*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	306.53	32.73
		For 316 Stainless Steel, Add	*40.46*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.95*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	381.73	36.77
		For 316 Stainless Steel, Add	*52.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.95*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	431.12	39.23
		For 316 Stainless Steel, Add	*59.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*33.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*66.62*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	482.58	43.52
		For 316 Stainless Steel, Add	*67.27*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.74*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	537.30	47.07
		For 316 Stainless Steel, Add	*75.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.95*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	613.37	53.57
		For 316 Stainless Steel, Add	*86.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*95.87*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	718.37	62.03
		For 316 Stainless Steel, Add	*101.39*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*56.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*112.66*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	590.37	27.09
		For 316 Stainless Steel, Add	*104.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*104.53*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	652.21	30.16
		For 316 Stainless Steel, Add	*115.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*115.37*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	742.58	32.73
		For 316 Stainless Steel, Add	*132.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.16*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	839.28	35.67
		For 316 Stainless Steel, Add	*150.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*75.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*150.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	973.56	37.39
		For 316 Stainless Steel, Add	*176.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,072.96	39.23
		For 316 Stainless Steel, Add	*194.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,240.62	41.31
		For 316 Stainless Steel, Add	*227.48*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*113.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*227.48*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,436.27	65.34
		For 316 Stainless Steel, Add	*254.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*127.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*254.56*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,768.13	73.55
		For 316 Stainless Steel, Add	*316.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*158.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*316.85*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,145.98	78.45
		For 316 Stainless Steel, Add	*389.97*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*389.97*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,836.94	83.97
		For 316 Stainless Steel, Add	*525.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*262.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*525.37*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,224.09	98.06
		For 316 Stainless Steel, Add	*595.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*297.89*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*595.78*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,735.78	107.01
		For 316 Stainless Steel, Add	*893.68*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*446.84*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*893.68*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,913.52	117.68
		For 316 Stainless Steel, Add	*1,123.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*561.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*1,123.87*	
23 51 16 00-0206		**45 Degree Elbows** *(23 51 16 00-0175)*		
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	393.02	26.11
		For 316 Stainless Steel, Add	*65.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*65.54*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	449.10	30.16
		For 316 Stainless Steel, Add	*74.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.74*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	498.82	32.73
		For 316 Stainless Steel, Add	*83.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	568.48	35.67
		For 316 Stainless Steel, Add	*95.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*95.87*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	640.46	37.39
		For 316 Stainless Steel, Add	*109.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*109.41*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	718.20	39.23
		For 316 Stainless Steel, Add	*124.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*124.03*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	804.61	41.31
		For 316 Stainless Steel, Add	*140.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*70.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*140.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	965.07	65.34
		For 316 Stainless Steel, Add	*160.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.32*	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,212.97	73.55
		For 316 Stainless Steel, Add	*205.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*205.82*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,360.63	78.45
		For 316 Stainless Steel, Add	*232.90*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*116.45*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*232.90*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,767.23	83.97
		For 316 Stainless Steel, Add	*311.43*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*155.72*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*311.43*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,343.96	98.06
		For 316 Stainless Steel, Add	*419.76*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*209.88*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*419.76*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,110.92	107.01
		For 316 Stainless Steel, Add	*568.70*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*284.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*568.70*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,153.28	117.68
		For 316 Stainless Steel, Add	*771.81*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*385.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*771.81*	

23 51 16 00-0221 Tees *(23 51 16 00-0175)*

23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	425.73	32.73
		For 316 Stainless Steel, Add	*75.66*	
		For Tee Cap, Add	*97.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	484.51	35.67
		For 316 Stainless Steel, Add	*86.98*	
		For Tee Cap, Add	*110.27*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*79.08*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	556.48	37.39
		For 316 Stainless Steel, Add	*101.88*	
		For Tee Cap, Add	*125.30*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*92.62*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	639.66	39.23
		For 316 Stainless Steel, Add	*119.16*	
		For Tee Cap, Add	*142.64*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*108.32*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	748.08	43.64
		For 316 Stainless Steel, Add	*140.60*	
		For Tee Cap, Add	*165.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*127.82*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	840.15	49.03
		For 316 Stainless Steel, Add	*157.88*	
		For Tee Cap, Add	*186.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*71.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*143.53*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	979.50	56.02
		For 316 Stainless Steel, Add	*184.69*	
		For Tee Cap, Add	*216.90*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*83.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*167.90*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,120.89	69.26
		For 316 Stainless Steel, Add	*208.52*	
		For Tee Cap, Add	*250.14*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*94.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*189.57*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,423.20	98.06
		For 316 Stainless Steel, Add	*259.17*	
		For Tee Cap, Add	*321.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*117.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*235.61*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,729.78	107.01
		For 316 Stainless Steel, Add	*321.72*	
		For Tee Cap, Add	*386.07*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*146.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*292.48*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,298.19	117.68
		For 316 Stainless Steel, Add	*440.88*	
		For Tee Cap, Add	*503.77*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*200.40*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*400.80*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,561.26	130.80
		For 316 Stainless Steel, Add	*491.52*	
		For Tee Cap, Add	*561.31*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*223.42*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*446.84*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,078.59	196.14
		For 316 Stainless Steel, Add	*789.42*	
		For Tee Cap, Add	*889.27*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*358.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*717.65*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,124.54	235.36
		For 316 Stainless Steel, Add	*997.94*	
		For Tee Cap, Add	*1,113.18*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*453.61*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*907.22*	

23 51 16 00-0236 Bellows *(23 51 16 00-0175)*

23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	807.36	26.11
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*74.20*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*148.40*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	879.69	30.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.86*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	961.94	32.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,064.05	35.67
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,190.21	37.39
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*109.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*219.36*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,316.69	39.23
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,470.81	41.31
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*136.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*273.52*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,707.06	65.34
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*154.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*308.72*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,106.66	73.55
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*192.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*384.55*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,362.65	78.45
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*216.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*433.30*	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,701.66	84.10
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*249.15*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*498.29*	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,088.71	98.06
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*284.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*568.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,923.37	107.01
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*365.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*731.19*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,762.60	117.68
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*446.84*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*893.68*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	535.81	30.16
		For 316 Stainless Steel, Add	*57.55*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	582.02	35.67
		For 316 Stainless Steel, Add	*61.61*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	636.94	39.23
		For 316 Stainless Steel, Add	*67.36*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	688.57	43.64
		For 316 Stainless Steel, Add	*72.44*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	876.39	46.21
		For 316 Stainless Steel, Add	*95.12*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	783.35	49.03
		For 316 Stainless Steel, Add	*82.60*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	843.05	52.34
		For 316 Stainless Steel, Add	*89.03*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	947.59	73.55
		For 316 Stainless Steel, Add	*95.46*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,062.98	83.97
		For 316 Stainless Steel, Add	*106.63*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,214.63	90.47
		For 316 Stainless Steel, Add	*123.56*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,355.34	97.94
		For 316 Stainless Steel, Add	*138.79*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,512.67	117.56
		For 316 Stainless Steel, Add	*152.33*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,938.08	130.68
		For 316 Stainless Steel, Add	*201.42*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,398.58	146.98
		For 316 Stainless Steel, Add	*253.89*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	370.37	17.04
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	390.64	18.63
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.03	19.61
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	438.87	20.59
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	483.58	21.21
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	528.29	21.69
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	640.94	22.43
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	801.06	42.04
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,006.81	45.23
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,200.94	47.07
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,476.66	49.03
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,677.40	53.57
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,117.06	56.02
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,706.29	58.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0281		**Vent Top Caps** *(23 51 16 00-0175)*		
23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	405.48	17.04
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	469.18	18.63
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	544.57	19.61
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	625.70	20.59
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	729.97	21.21
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	828.98	21.82
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	922.63	22.43
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,106.97	42.04
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,318.24	45.23
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,431.05	47.07
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,625.53	49.03
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,893.89	53.45
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,306.55	56.02
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,679.11	58.84
23 51 16 00-0296		**Roof Support Assemblies** *(23 51 16 00-0175)*		
23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	611.85	31.38
		For 316 Stainless Steel, Add	*106.70*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	675.66	37.39
		For 316 Stainless Steel, Add	*116.45*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	742.25	41.31
		For 316 Stainless Steel, Add	*127.82*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	792.32	46.09
		For 316 Stainless Steel, Add	*135.41*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	883.56	49.03
		For 316 Stainless Steel, Add	*152.20*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	937.80	52.34
		For 316 Stainless Steel, Add	*161.40*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,006.82	56.14
		For 316 Stainless Steel, Add	*173.32*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,116.90	78.45
		For 316 Stainless Steel, Add	*184.15*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,255.42	90.59
		For 316 Stainless Steel, Add	*205.82*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,450.28	98.06
		For 316 Stainless Steel, Add	*241.02*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,729.80	107.01
		For 316 Stainless Steel, Add	*292.48*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,006.10	130.80
		For 316 Stainless Steel, Add	*335.81*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,994.60	147.11
		For 316 Stainless Steel, Add	*525.37*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,667.82	167.20
		For 316 Stainless Steel, Add	*649.95*	
23 51 16 00-0311		**Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)* Note: With 1" insulation.		
23 51 16 00-0312		**Round Stainless Steel Double Wall Flue/Vent Pipe** *(23 51 16 00-0311)* Note: With 1" insulation.		
23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	108.57	13.12
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	132.53	13.98
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*19.50*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	151.51	15.08
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.75*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	205.95	16.30
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	266.69	17.90
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.41*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	339.29	18.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*58.50*	

23 51 16 00-0319 90 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	234.64	26.11
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.85*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	259.56	27.94
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.91*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	292.07	30.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.33*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	363.40	32.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*56.33*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	433.08	35.67
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	504.99	37.39
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*82.33*	

23 51 16 00-0326 45 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	192.33	26.11
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.39*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	212.17	27.94
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.44*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	237.93	30.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*32.50*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	292.99	32.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.25*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	347.07	35.67
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.59*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	402.14	37.39
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*61.74*	

23 51 16 00-0333 Tees With Tee Caps *(23 51 16 00-0311)*

23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	384.88	26.11
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	487.05	27.94
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	546.60	30.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*94.24*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	745.17	32.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.70*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,023.39	35.67
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*93.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*186.86*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,311.98	37.39
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	

23 51 16 00-0340 Joist Shields *(23 51 16 00-0311)*

23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	162.83	26.11
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	175.62	27.94
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	205.38	30.16
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	256.48	32.73
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	307.13	35.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	364.17	37.39
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	193.97	26.11
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	216.22	27.94
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	235.15	30.16
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	286.24	32.73
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	353.25	35.67
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	423.71	37.27
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	173.66	26.11
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	217.57	27.94
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	273.08	30.16
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	436.58	32.73
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	595.61	35.67
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	759.58	37.39
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	258.87	26.11
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	287.98	27.94
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	312.33	30.16
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	393.14	32.73
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	465.57	35.67
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	570.02	37.39
23 51 16 00-0368		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	252.13	49.91
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	273.89	49.91
23 51 16 00-0372		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)* Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	46.52	15.16
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	53.07	15.96
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	60.90	17.73
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	75.78	20.87
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	56.05	17.38
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	68.02	18.30
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	83.74	20.34
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	103.74	23.92
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	93.42	23.00
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	110.74	24.20
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	138.15	26.89
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	179.44	31.64
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	138.60	33.94
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	158.92	35.72
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	207.57	39.69
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	270.48	46.71
23 51 16 00-0390		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	57.55	18.42
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	67.63	19.39
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	85.00	20.11
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	99.02	20.93
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	57.55	18.42
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	67.63	19.39
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	85.00	20.11
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	99.02	20.93
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	57.55	18.42
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	67.63	19.39
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	85.00	20.11
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	99.02	20.93
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	57.55	18.42
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	67.63	19.39
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	83.92	20.11
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	101.69	20.93
23 51 16 00-0407		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	182.86	27.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	230.48	29.11
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	270.99	30.16
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	296.70	31.38
23 51 16 00-0412		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	68.09	18.42
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	98.31	19.39
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	114.70	20.11
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	157.09	20.93
23 51 16 00-0417		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	75.62	18.92
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	82.91	19.74
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	150.67	20.51
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	102.65	18.92
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	80.71	19.74
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	208.41	20.51
23 51 16 00-0424		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	75.62	18.92
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	82.91	19.74
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	186.67	20.51
23 51 16 00-0428		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	95.54	27.64
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	107.37	29.11
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	165.81	30.16
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	177.12	31.38
23 51 16 00-0433		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	275.84	30.16
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	361.43	37.69
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	226.21	31.38
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	335.82	39.23
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	353.99	19.74
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	410.05	20.51
23 51 16 00-0440		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	132.04	27.64
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	160.02	29.11
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	183.60	30.16
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	209.78	31.38
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	232.99	30.16
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	257.05	31.38
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	76.77	9.22
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	98.76	9.70
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	117.53	10.05
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	153.76	10.45
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	147.84	27.64
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	181.92	29.11
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	210.77	30.16
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	254.45	31.38
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	193.90	18.42
23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	170.75	19.39
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	214.09	20.11
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	439.47	19.39
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	469.31	20.11
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	548.10	20.93
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	113.75	18.42
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	120.52	18.42
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	127.29	18.42
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	134.06	18.42
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	122.96	19.39
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	129.73	19.39
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	136.50	19.39
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	143.27	19.39
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	138.26	20.11
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	145.03	20.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	151.80	20.11
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	120.45	18.42
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	154.77	19.39
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	139.38	27.64
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	184.30	29.11
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	218.34	30.16
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	240.75	31.38
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	48.96	15.96
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	58.73	17.73
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	59.00	18.30
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	74.00	20.34
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	89.44	24.20
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	123.19	35.72
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	149.71	39.69
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	54.39	15.96
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	70.25	18.30
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	115.76	24.20
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	59.71	18.42
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	70.34	19.39
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	88.46	20.11
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	58.69	18.42
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	69.66	19.39
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	87.27	20.11
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	38.65	9.22
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	45.17	9.70
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	50.72	10.05
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	100.63	9.70
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	115.73	10.45

23 51 16 00-0500 Polypropylene Flue/Vent Accessories *(23 51 16 00-0372)*

23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	19.70	4.61
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	18.70	4.86
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	19.26	5.03
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	30.79	5.23
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	37.46	6.92
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	44.13	7.27
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	51.34	7.53
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	35.57	6.92
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	35.40	7.53
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	43.33	7.85
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	26.85	7.27
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.88	18.42
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	58.45	19.39
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	63.05	20.11
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	70.64	20.93
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.35	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.86	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.58	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.87	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	16.18	4.61
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	18.37	4.86
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	19.82	5.03
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	21.96	5.23
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	83.56	9.22
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	85.62	9.70
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	63.15	10.05
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	72.82	6.92
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	75.08	7.27
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	101.17	7.53
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	172.25	7.85

23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe *(23 51 16 00-0372)*

23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	13.08	1.62
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	11.28	1.62
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	16.08	1.91
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	13.82	1.91
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	23.27	2.35
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	19.79	2.35

23 51 16 00-0538 Polypropylene Flue/Vent Couplers *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	90.91	18.42
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	102.22	18.42
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	211.30	19.39
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	388.72	20.11
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	105.55	18.42
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	252.59	19.39
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	659.48	20.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0546		Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0372)*		
23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	120.55	18.42
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	110.97	19.39
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	137.89	20.11
23 51 16 00-0550		Aluminum Flue/Vent Fittings *(23 51 16)*		
23 51 16 00-0551		Aluminum Vent Top Caps *(23 51 16 00-0550)*		
23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	115.21	18.27
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	122.59	17.90
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	133.08	18.75
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	187.14	19.61
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	209.35	21.82
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	606.60	23.05
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	621.48	24.52

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001		Packaged Electric Steam Boiler *(23 52 13)* Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.		
23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	9,015.31	669.25
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	9,732.06	780.80
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	10,451.63	836.57
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	11,641.39	892.33
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	12,802.31	948.10
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	14,950.00	1,059.65
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	17,097.79	1,171.19
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	17,785.89	1,226.96
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	18,715.35	1,282.73
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	24,506.70	1,394.28
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	25,543.40	1,450.05
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	27,013.85	1,645.23
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	28,138.38	1,767.10
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	30,359.03	1,888.97
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	32,698.29	2,071.78
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	34,768.27	2,132.71
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	36,457.91	2,193.64
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	38,731.97	2,254.58
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	41,006.65	2,315.51
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	43,877.48	2,437.39
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	46,833.62	2,559.26
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	49,728.83	2,620.19
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	55,124.51	2,681.13
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	59,369.83	2,802.99
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	60,805.25	2,924.86
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	66,866.45	3,107.67
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	69,036.79	3,290.47
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	71,329.00	3,473.27
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	75,768.26	3,656.08
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	77,740.44	3,777.95
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	80,329.40	4,021.68
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	83,078.36	4,265.43
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	90,761.49	4,509.17
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	95,688.22	4,752.90
23 52 13 00-0036		Packaged Electric Hot Water Boiler *(23 52 13)* Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output.		
23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	7,911.29	613.48
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	8,336.89	669.25
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	8,762.49	725.03
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	9,173.61	780.80
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	9,646.92	836.57
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	9,998.04	892.33
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	10,423.64	948.10
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	11,062.04	1,003.87
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	11,615.94	1,059.65
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	11,956.42	1,115.42
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	12,838.20	1,171.19
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	13,667.69	1,226.96
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	15,166.94	1,282.73
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	16,141.66	1,338.51
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	16,963.68	1,394.28
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	18,423.93	1,450.05
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	20,318.24	1,645.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	21,844.59	1,767.10
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	23,503.45	1,888.97
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	25,151.67	2,071.78
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	26,810.52	2,193.64
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	28,354.27	2,315.51
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	30,507.36	2,376.45
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	32,511.52	2,437.39
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	34,430.57	2,559.26
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	36,446.30	2,559.26
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	39,931.99	2,620.19
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	41,787.39	2,681.13
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	44,116.74	2,802.99
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	45,887.81	2,863.93
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	47,665.10	2,924.86
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	48,992.33	3,107.67
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	51,397.59	3,290.47
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	59,835.69	3,473.27
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	65,656.06	3,656.08
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	68,213.32	3,777.95
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	71,056.12	4,021.68
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	73,898.93	4,265.43
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	81,925.33	4,509.17
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	87,094.41	4,752.90
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	89,298.82	4,874.77
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	91,503.22	4,996.64
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	91,990.70	5,179.44
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	98,771.24	5,301.31
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	103,301.92	5,484.12
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	110,904.61	5,849.72
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	119,497.73	6,459.07
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	129,369.53	7,190.29
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	136,972.22	7,921.50

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,501.10	446.17
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,224.22	594.29
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,104.68	669.14
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	14,951.58	706.40
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,728.65	817.94
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,832.70	892.22
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,836.27	1,040.91
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	42,852.50	1,189.71
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	52,396.70	1,301.25
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	75,629.89	1,524.22
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	83,342.05	1,635.76

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Rated by gross rated output.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	39,627.91	966.62
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	41,498.41	1,040.91
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	46,399.66	1,189.71
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	50,140.65	1,338.40
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	55,600.55	1,449.93
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	63,616.78	1,524.22
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	76,435.10	1,635.76

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Rated by gross rated output.

23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	77,934.60	1,784.45
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	90,254.44	1,858.85
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	104,597.13	1,933.24

23 52 16 13-0025 Laars Neotherm Stainless Steel Condensing Boiler *(23 52 16 13)*

Note: Compliant with SCAQMD. Rated by gross rated input.

23 52 16 13-0026	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	8,742.19	483.31
23 52 16 13-0027	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	9,978.54	557.71
23 52 16 13-0028	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	11,173.91	669.14
23 52 16 13-0029	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	12,444.51	743.54
23 52 16 13-0030	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	15,673.32	817.94
23 52 16 13-0031	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	20,502.50	892.22
23 52 16 13-0032	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	24,647.20	966.62
23 52 16 13-0033	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	27,365.86	1,040.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0034	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	29,728.00	1,115.31
23 52 16 13-0035	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	32,313.22	1,264.00
23 52 16 13-0036	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	46,051.55	1,338.40
23 52 16 13-0037	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	61,253.72	1,561.47
23 52 16 13-0038		AERCO Benchmark Stainless-Steel Condensing Boilers *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0039	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN)	49,890.99	1,524.22
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0040	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN)	59,212.83	1,635.76
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0041	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	85,163.41	1,821.71
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0042	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	90,745.19	1,821.71
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0043		Lochinvar Knight Stainless Steel Condensing Boilers *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0044	EA	184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	12,118.93	669.14
23 52 16 13-0045	EA	264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	15,692.04	743.54
23 52 16 13-0046		Lochinvar Knight XL Stainless Steel Condensing Boilers *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0047	EA	387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	17,820.00	855.08
23 52 16 13-0048	EA	485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	22,231.74	892.22
23 52 16 13-0049	EA	631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	27,295.45	966.62
23 52 16 13-0050	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	32,745.97	1,003.76
23 52 16 13-0051	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	40,056.47	1,078.16
23 52 16 13-0052		Lochinvar Crest Stainless Steel Condensing Boilers *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0053	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	50,779.60	1,263.77
23 52 16 13-0054	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	52,396.72	1,449.93
23 52 16 13-0055	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	57,445.86	1,542.63
23 52 16 13-0056	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	62,495.01	1,635.76
23 52 16 13-0057	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	73,346.95	1,710.16
23 52 16 13-0058	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	81,275.09	1,784.45
23 52 16 13-0059	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	99,901.23	1,858.85
23 52 16 13-0060	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	110,396.37	1,933.13
23 52 16 13-0061	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	135,490.09	2,007.42
23 52 16 13-0062		Patterson Kelley Stainless Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0063		Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series *(23 52 16 13-0062)*		
23 52 16 13-0064	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	47,406.69	1,524.22
23 52 16 13-0065	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	72,901.35	1,821.71
23 52 16 13-0066		Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series *(23 52 16 13-0062)*		
23 52 16 13-0067	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	24,700.46	1,078.16
23 52 16 13-0068	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	29,696.00	1,338.40
23 52 16 13-0069	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	50,387.80	1,635.76
23 52 16 13-0070	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000)	86,566.29	1,933.24
23 52 16 13-0071		Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series *(23 52 16 13-0062)*		
23 52 16 13-0072	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250)	36,192.18	1,412.68
23 52 16 13-0073	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000)	59,601.40	1,635.76
23 52 16 13-0074	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000)	88,526.62	1,933.24

23 52 16 16 Aluminum Condensing Boilers *(23 52 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0001		**Weil McLain Aluminum Condensing Boilers** *(23 52 16 16)*		
		Note: Rated by gross rated output.		
23 52 16 16-0002	EA	80 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 80)	8,395.58	483.31
		Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0003	EA	105 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 105)	9,251.03	557.71
		Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0004	EA	155 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 155)	10,428.82	669.14
		Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0005	EA	230 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 230)	11,705.85	743.54
		Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0006	EA	310 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 310)	15,202.33	855.08
		Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0007		**Patterson Kelley Mach Series Aluminum Condensing Boilers** *(23 52 16 16)*		
		Note: Rated by gross rated output.		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	20,736.62	817.94
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	23,333.60	929.48
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	26,408.77	1,115.31
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	39,199.63	1,264.00
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	40,945.61	1,338.40
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	63,631.62	1,524.22
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	68,907.65	1,635.76
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	81,238.41	1,784.45
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	94,332.20	1,821.71
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	107,351.51	1,933.24
23 52 16 16-0018		**Buderus GB142 Wall Hung Aluminum Condensing Boilers** *(23 52 16 16)*		
		Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24)	6,060.41	446.17
		Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30)	7,039.08	520.45
		Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45)	8,126.81	632.00
		Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60)	8,900.90	706.40
		Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	344.63	111.54
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	445.67	111.54
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	931.84	111.54
23 52 16 16-0026		**Buderus GB162 Wall Hung Aluminum Condensing Boilers** *(23 52 16 16)*		
		Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80)	10,068.30	817.94
		Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100)	12,367.88	855.08
		Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2)	23,658.98	1,003.76
		Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2)	22,132.50	1,003.76
		Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2)	28,258.13	1,078.16
		Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2)	26,731.65	1,078.16
		Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3)	32,857.27	1,264.00
		Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3)	39,644.48	1,338.40
		Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4)	40,762.09	1,412.68
		Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	41,373.45	1,412.68
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	49,625.78	1,449.93
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	50,237.14	1,449.93
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	763.24	111.54
23 52 16 16-0040		Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	14,293.19	817.94
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	16,644.53	892.22
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	20,804.18	985.14
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	23,894.58	1,078.16
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	28,546.94	1,189.71
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	31,517.40	1,301.25
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	495.94	55.77
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	272.62	55.77
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	385.38	55.77
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	804.18	55.77
23 52 16 19		**Copper Water-Tube Condensing Boilers** *(23 52 16)*		
23 52 16 19-0001		Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)* Note: Rated by gross rated output.		
23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	45,602.11	1,412.68
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	51,417.07	1,561.47
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	56,264.05	1,635.76
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	60,716.28	1,710.16
23 52 16 23		**Cast Iron Condensing Boilers** *(23 52 16)*		
23 52 16 23-0001		Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)* Note: Rated by gross rated output.		
23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,054.62	706.40
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	23,498.03	892.22
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	38,624.46	1,040.91
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	50,698.48	1,338.40
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	67,580.79	1,561.47
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	73,717.04	1,635.76
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	93,815.93	1,784.45
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	102,541.75	1,821.71
23 52 23		**Cast-Iron Boilers** *(23 52)*		
23 52 23 00-0001		Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	18,267.97	3,731.65
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	19,909.29	3,980.43
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	21,700.34	4,229.20
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	23,369.98	4,477.98
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	24,916.29	4,726.76
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	27,011.85	4,975.53
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	28,644.46	5,224.31
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	29,952.53	5,473.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	31,255.95	5,721.86
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	32,752.14	5,970.64
23 52 23 00-0013		**Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	12,215.65	487.48
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	13,566.26	487.48
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	15,556.59	609.35
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	16,933.74	609.35
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	18,679.64	731.22
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	20,500.93	731.22
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	22,330.64	853.09
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	23,836.32	974.95
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	24,851.72	974.95
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	26,543.15	1,096.82
23 52 23 00-0024		**Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	19,057.10	3,731.65
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,839.50	3,980.43
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,545.34	4,229.20
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,444.04	4,477.98
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	26,019.68	4,726.76
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,294.02	4,975.53
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	29,745.06	5,224.31
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	31,157.88	5,473.09
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	32,462.70	5,721.86
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	33,996.59	5,970.64
23 52 23 00-0035		**Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	13,004.79	487.48
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	14,496.47	487.48
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	16,401.60	609.35
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	18,007.80	609.35
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	19,783.03	731.22
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	21,783.10	731.22
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	23,431.24	853.09
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	25,041.67	974.95
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	26,058.47	974.95
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	27,787.61	1,096.82
23 52 23 00-0046		**Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		**Gas Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	29,326.58	5,597.47
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	32,285.96	5,939.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	35,929.83	6,281.61
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	39,149.93	6,623.67
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	41,960.40	6,965.75
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	45,996.95	7,307.81
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	48,833.00	7,649.88
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	51,351.36	7,991.94
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	54,686.35	8,334.01
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	57,384.59	8,676.08
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	61,988.07	9,018.15
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	64,559.36	9,360.21
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	67,281.59	9,702.28
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	70,305.78	10,044.35
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	72,781.29	10,386.42
23 52 23 00-0063		**Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	22,350.20	853.09
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	25,351.74	974.95
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	29,054.42	1,096.82
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	32,303.16	1,218.69
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	34,666.38	1,218.69
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	38,748.95	1,340.56
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	41,141.49	1,340.56
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	43,701.69	1,462.44
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	46,594.25	1,462.44
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	49,334.65	1,584.30
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	51,989.78	1,706.17
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	54,118.35	1,706.17
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	56,883.84	1,828.04
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	59,463.54	1,828.04
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	62,011.09	1,949.91
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	30,298.69	5,597.47
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	33,252.48	5,939.54
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	37,147.75	6,281.61
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	40,490.77	6,623.67
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	43,164.36	6,965.75
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	47,125.48	7,307.81
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	50,527.19	7,649.88
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	53,045.56	7,991.94
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	56,347.03	8,334.01
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	59,758.98	8,676.08
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	64,482.58	9,018.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	67,893.29	9,360.21
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	69,774.70	9,702.28
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	72,723.47	10,044.35
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	75,225.51	10,386.42
23 52 23 00-0095		Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	23,322.30	853.09
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	26,318.25	974.95
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	30,258.37	1,096.82
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	33,644.00	1,218.69
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	35,873.13	1,218.69
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	39,877.48	1,340.56
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	42,835.69	1,340.56
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	45,395.88	1,462.44
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	48,254.93	1,462.44
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	51,716.02	1,584.30
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	54,484.28	1,706.17
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	56,055.57	1,706.17
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	59,376.95	1,828.04
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	61,881.23	1,828.04
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	64,427.38	1,949.91
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	78,323.58	10,883.97
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	84,820.60	11,505.91
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	90,765.54	12,127.86
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	96,588.72	12,749.80
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	102,465.39	13,371.74
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	110,146.14	13,993.68
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	115,690.59	14,615.62
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	121,059.65	15,237.56
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	129,717.39	15,859.50
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	135,083.42	16,481.44
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	139,704.53	17,103.38
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	148,065.00	17,725.32
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	153,474.37	18,347.26
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	162,024.73	18,969.20
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	167,712.30	19,591.15
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	173,923.97	20,213.09
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	179,277.11	20,835.03
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	184,780.38	21,456.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0131		**Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	68,232.00	1,584.30
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	74,413.80	1,706.17
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	80,039.73	1,828.04
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	85,548.28	1,949.91
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	90,618.30	1,949.91
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	95,995.74	2,071.78
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	100,734.74	2,071.78
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	105,786.57	2,193.64
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	113,640.21	2,193.64
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	118,690.64	2,315.51
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	122,506.43	2,315.51
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	130,552.92	2,437.39
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	135,156.44	2,437.39
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	143,415.24	2,559.26
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	148,271.56	2,559.26
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	154,164.26	2,681.13
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	158,713.32	2,681.13
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	163,899.22	2,802.99
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	74,155.83	10,883.97
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	80,652.84	11,505.91
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	88,528.03	12,127.86
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	93,847.00	12,749.80
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	99,380.08	13,371.74
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	106,676.74	13,993.68
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	112,480.97	14,615.62
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	117,852.82	15,237.56
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	127,507.81	15,859.50
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	132,875.24	16,481.44
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	138,240.78	17,103.38
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	148,074.77	17,725.32
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	153,484.15	18,347.26
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	162,259.37	18,969.20
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	167,945.55	19,591.15
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	174,037.10	20,213.09
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	179,390.24	20,835.03
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	184,901.90	21,456.97
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	63,837.98	1,584.30
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	70,019.78	1,706.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	77,575.95	1,828.04
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	82,580.29	1,949.91
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	87,306.73	1,949.91
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	92,300.07	2,071.78
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	97,298.86	2,071.78
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	102,350.69	2,193.64
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	111,204.37	2,193.64
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	116,253.40	2,315.51
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	120,816.42	2,315.51
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	130,336.43	2,437.39
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	134,939.95	2,437.39
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	143,395.68	2,559.26
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	148,278.55	2,559.26
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	154,051.13	2,681.13
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	158,600.18	2,681.13
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	163,794.47	2,802.99
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	79,633.69	10,883.97
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	86,132.10	11,505.91
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	92,434.60	12,127.86
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	98,398.84	12,749.80
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	104,243.39	13,371.74
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	110,802.59	13,993.68
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	117,870.84	14,615.62
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	123,583.48	15,237.56
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	132,460.51	15,859.50
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	137,826.54	16,481.44
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	142,545.41	17,103.38
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	151,000.86	17,725.32
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	157,806.94	18,347.26
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	167,105.92	18,969.20
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	172,751.59	19,591.15
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	179,223.05	20,213.09
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	184,577.58	20,835.03
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	190,085.05	21,456.97
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	69,644.06	1,584.30
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	75,827.26	1,706.17
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	81,814.93	1,828.04
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	87,461.76	1,949.91
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	92,499.66	1,949.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	96,754.15	2,071.78
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	103,016.95	2,071.78
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	108,410.97	2,193.64
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	116,486.69	2,193.64
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	121,534.32	2,315.51
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	125,449.27	2,315.51
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	133,590.74	2,437.39
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	139,592.36	2,437.39
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	148,571.85	2,559.26
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	153,414.21	2,559.26
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	159,565.30	2,681.13
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	164,115.75	2,681.13
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	169,307.25	2,802.99

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,033.52	662.56
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,942.63	736.17
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,429.76	883.41
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	14,555.99	920.22
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	17,104.91	1,104.27
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	21,011.68	1,325.12
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	23,846.75	1,398.74
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	26,406.57	1,509.16
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	28,781.64	1,582.78
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	30,868.48	1,619.59

23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,327.49	1,325.12
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	39,097.19	1,509.16
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	41,663.39	1,619.59
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	58,857.66	1,840.44
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	61,761.66	2,061.30

23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	14,386.55	594.52
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	17,266.05	742.87
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	18,512.61	892.33
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	19,025.27	892.33
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	23,598.66	1,115.42
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	27,361.12	1,115.42
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	29,849.94	1,115.42
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	32,152.12	1,338.51
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	38,031.26	1,561.58
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	

23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*

Note: Rated by gross rated output.

23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	13,824.32	817.16
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	14,881.70	736.17
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	16,564.47	883.41
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	17,577.60	1,002.87
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	19,525.50	1,104.27
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	21,003.35	1,188.59
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	24,003.33	1,325.12
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	27,933.19	1,398.74
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	29,631.02	1,509.16
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	35,498.57	1,545.97
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	35,610.12	1,582.78
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	41,736.60	1,619.59

23 52 33 16 Steel Water-Tube Boilers *(23 52 33)*

23 52 33 16-0001 Package Gas Fired Water Tube Boiler *(23 52 33 16)*

Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.

23 52 33 16-0002	EA	200 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	15,244.79	974.95
		For Steam System, Add	*2,658.98*	
		For LP Gas Burner, Add	*664.74*	
23 52 33 16-0003	EA	285 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	15,730.24	1,096.82
		For Steam System, Add	*2,707.32*	
		For LP Gas Burner, Add	*676.83*	
23 52 33 16-0004	EA	350 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,215.71	1,218.69
		For Steam System, Add	*2,755.66*	
		For LP Gas Burner, Add	*688.92*	
23 52 33 16-0005	EA	430 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	17,087.94	1,340.56
		For Steam System, Add	*2,881.36*	
		For LP Gas Burner, Add	*720.34*	
23 52 33 16-0006	EA	520 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	17,960.16	1,462.44
		For Steam System, Add	*3,007.06*	
		For LP Gas Burner, Add	*751.77*	
23 52 33 16-0007	EA	600 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	19,460.86	1,584.30
		For Steam System, Add	*3,258.45*	
		For LP Gas Burner, Add	*814.61*	
23 52 33 16-0008	EA	680 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,428.77	1,645.23
		For Steam System, Add	*3,427.66*	
		For LP Gas Burner, Add	*856.92*	
23 52 33 16-0009	EA	770 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,396.68	1,706.17
		For Steam System, Add	*3,596.87*	
		For LP Gas Burner, Add	*899.22*	
23 52 33 16-0010	EA	860 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,187.46	1,828.04
		For Steam System, Add	*3,906.28*	
		For LP Gas Burner, Add	*976.57*	
23 52 33 16-0011	EA	1,020 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	24,978.24	1,949.91
		For Steam System, Add	*4,215.68*	
		For LP Gas Burner, Add	*1,053.92*	
23 52 33 16-0012	EA	1,220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	27,206.14	2,193.64
		For Steam System, Add	*4,563.77*	
		For LP Gas Burner, Add	*1,140.94*	
23 52 33 16-0013	EA	1,440 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	29,240.65	2,437.39
		For Steam System, Add	*4,873.18*	
		For LP Gas Burner, Add	*1,218.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0014	EA	1,700 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	32,191.70	2,559.26
		For Steam System, Add	*5,414.64*	
		For LP Gas Burner, Add	*1,353.66*	
23 52 33 16-0015	EA	2,050 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	33,982.47	2,681.13
		For Steam System, Add	*5,724.05*	
		For LP Gas Burner, Add	*1,431.01*	
23 52 33 16-0016	EA	2,220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	36,546.79	2,802.99
		For Steam System, Add	*6,188.16*	
		For LP Gas Burner, Add	*1,547.04*	
23 52 33 16-0017	EA	2,450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	40,658.12	2,924.86
		For Steam System, Add	*6,961.68*	
		For LP Gas Burner, Add	*1,740.42*	
23 52 33 16-0018	EA	2,750 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	43,659.54	3,168.60
		For Steam System, Add	*7,464.47*	
		For LP Gas Burner, Add	*1,866.12*	
23 52 33 16-0019	EA	3,100 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	46,660.97	3,412.34
		For Steam System, Add	*7,967.26*	
		For LP Gas Burner, Add	*1,991.81*	
23 52 33 16-0020	EA	3,450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	49,855.76	3,656.08
		For Steam System, Add	*8,508.72*	
		For LP Gas Burner, Add	*2,127.18*	
23 52 33 16-0021	EA	4,300 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	53,940.10	3,899.82
		For Steam System, Add	*9,228.09*	
		For LP Gas Burner, Add	*2,307.02*	
23 52 33 16-0022	EA	5,160 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	56,245.35	4,143.55
		For Steam System, Add	*9,591.65*	
		For LP Gas Burner, Add	*2,397.91*	

23 52 33 16-0023 Package Oil Fired Water Tube Boiler *(23 52 33 16)*

Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.

23 52 33 16-0024	EA	200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	15,577.16	974.95
		For Steam System, Add	*2,725.45*	
23 52 33 16-0025	EA	285 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,068.66	1,096.82
		For Steam System, Add	*2,775.00*	
23 52 33 16-0026	EA	350 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,560.17	1,218.69
		For Steam System, Add	*2,824.56*	
23 52 33 16-0027	EA	430 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	17,444.15	1,340.56
		For Steam System, Add	*2,952.60*	
23 52 33 16-0028	EA	520 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	18,336.04	1,462.44
		For Steam System, Add	*3,082.24*	
23 52 33 16-0029	EA	600 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	19,868.17	1,584.30
		For Steam System, Add	*3,339.91*	
23 52 33 16-0030	EA	680 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,857.23	1,645.23
		For Steam System, Add	*3,513.35*	
23 52 33 16-0031	EA	770 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,846.29	1,706.17
		For Steam System, Add	*3,686.79*	
23 52 33 16-0032	EA	860 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,675.74	1,828.04
		For Steam System, Add	*4,003.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0033	EA	1,020 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	25,505.20	1,949.91
		For Steam System, Add	*4,321.08*	
23 52 33 16-0034	EA	1,220 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	27,776.61	2,193.64
		For Steam System, Add	*4,677.86*	
23 52 33 16-0035	EA	1,440 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	29,849.80	2,437.39
		For Steam System, Add	*4,995.01*	
23 52 33 16-0036	EA	1,700 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	32,868.53	2,559.26
		For Steam System, Add	*5,550.01*	
23 52 33 16-0037	EA	2,050 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	34,697.98	2,681.13
		For Steam System, Add	*5,867.15*	
23 52 33 16-0038	EA	2,200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	37,320.31	2,802.99
		For Steam System, Add	*6,342.86*	
23 52 33 16-0039	EA	2,450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	41,528.33	2,924.86
		For Steam System, Add	*7,135.72*	
23 52 33 16-0040	EA	2,750 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	44,592.60	3,168.60
		For Steam System, Add	*7,651.08*	
23 52 33 16-0041	EA	3,100 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	47,656.88	3,412.34
		For Steam System, Add	*8,166.44*	
23 52 33 16-0042	EA	3,450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	50,919.35	3,656.08
		For Steam System, Add	*8,721.44*	
23 52 33 16-0043	EA	4,300 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	56,282.90	3,899.82
		For Steam System, Add	*9,696.65*	
23 52 33 16-0044	EA	5,160 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	58,633.59	4,143.55
		For Steam System, Add	*10,069.30*	

23 52 33 16-0045 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0046	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	90,327.90	1,784.67
23 52 33 16-0047	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	97,092.42	2,230.84
23 52 33 16-0048	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	203,215.09	2,453.93
23 52 33 16-0049	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	210,837.10	2,677.00
23 52 33 16-0050	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	214,442.45	3,011.63
23 52 33 16-0051	EA	3,750 MBH Input/3,188 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	225,874.31	3,346.26
23 52 33 16-0052	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	230,990.13	3,457.80

23 52 33 16-0053 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0054	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF100LSG)	105,452.25	2,007.76
23 52 33 16-0055	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF150LSG)	110,687.74	2,342.38
23 52 33 16-0056	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF200LSG)	218,116.35	2,565.47
23 52 33 16-0057	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF250LSG)	231,608.25	2,788.55
23 52 33 16-0058	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF300LSG)	236,294.19	3,011.63
23 52 33 16-0059	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF350LSG)	245,442.93	3,346.26
23 52 33 16-0060	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF400LSG)	253,724.78	3,569.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0061	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF500LSG)	249,922.06	3,792.42
23 52 33 16-0062	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF600LSG)	270,589.82	4,015.51
23 52 33 16-0063	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF700LSG)	284,734.70	4,238.60
23 52 33 16-0064	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF800LSG)	292,030.24	4,461.68
23 52 33 16-0065		Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*		
		Note: Compliant with SCAQMD.		
23 52 33 16-0066	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	113,605.27	2,007.76
23 52 33 16-0067	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	120,473.19	2,342.38
23 52 33 16-0068	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	229,205.46	2,565.47
23 52 33 16-0069	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	243,023.85	2,788.55
23 52 33 16-0070	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	247,709.79	3,011.63
23 52 33 16-0071	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	255,228.39	3,346.26
23 52 33 16-0072	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	263,829.87	3,569.34
23 52 33 16-0073	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	259,381.02	3,792.42
23 52 33 16-0074	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	281,681.22	4,015.51
23 52 33 16-0075	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	290,606.88	4,238.60
23 52 33 16-0076	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	303,121.64	4,461.68
23 52 33 16-0077	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	337,161.63	4,684.76
23 52 33 16-0078	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	488,129.33	4,907.85
23 52 33 16-0079	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	512,874.75	5,130.93
23 52 36		**Fire-Box Boiler** *(23 52)*		
23 52 36 00-0001		Package Oil Fired Firebox Boilers *(23 52 36)*		
		Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.		
23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	91,644.03	2,924.86
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	95,803.68	3,168.60
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	100,297.09	3,412.34
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	108,462.65	3,656.08
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	113,289.86	3,899.82
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	118,033.78	4,143.55
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	131,306.88	4,387.30
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	151,961.12	4,874.77
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	172,965.95	5,362.25
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	189,752.65	5,910.66
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	206,539.49	6,459.07
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	217,079.07	7,555.89
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	264,590.08	8,652.72
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	313,269.49	9,749.54
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	362,443.07	10,968.24
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	410,506.49	11,882.25
23 52 39		**Fire-Tube Boilers** *(23 52)*		
23 52 39 13		**Scotch Marine Boilers** *(23 52 39)*		
23 52 39 13-0001		15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*		
		Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0002		15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,015.00	1,340.56
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,591.51	1,462.44
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,360.92	1,584.30
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,167.28	1,828.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,428.42	1,949.91
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,797.35	2,071.78
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,816.25	2,132.71
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,433.21	2,193.64
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	120,345.44	2,437.39
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	136,762.97	2,681.13
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,008.14	2,955.33
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	163,250.83	3,229.54
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	172,144.73	3,777.95
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	209,392.51	4,326.36
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	226,657.95	4,874.77
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	266,914.54	5,423.18
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	324,264.28	5,971.59
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	379,407.14	6,520.00
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	432,199.60	7,068.41
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	482,870.39	7,616.83
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	752,306.71	8,165.24
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	818,559.60	8,713.66
23 52 39 13-0025		15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,659.53	1,340.56
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,832.94	1,462.44
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,101.61	1,584.30
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,172.82	1,828.04
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,896.49	1,949.91
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,614.46	2,071.78
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,097.39	2,132.71
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,053.00	2,193.64
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	120,458.94	2,437.39
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	136,886.49	2,681.13
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,145.01	2,955.33
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	163,401.05	3,229.54
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	172,301.63	3,777.95
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	209,586.13	4,326.36
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	226,864.92	4,874.77
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	267,161.58	5,423.18
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	324,564.73	5,971.59
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	379,761.00	6,520.00
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	432,603.54	7,068.41
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	483,324.40	7,616.83
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	753,024.40	8,165.24
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	819,344.73	8,713.66
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,358.99	1,340.56
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,111.92	1,462.44
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,094.99	1,584.30
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,565.67	1,828.04
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,553.06	1,949.91
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,534.75	2,071.78
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,278.07	2,132.71
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,022.24	2,193.64
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,072.47	2,437.39
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,144.31	2,681.13
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	155,910.25	2,955.33
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	169,670.38	3,229.54
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	178,851.38	3,777.95
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	217,598.05	4,326.36
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	235,504.44	4,874.77
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,390.13	5,423.18
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	337,093.37	5,971.59
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	394,496.25	6,520.00
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	449,451.94	7,068.41
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	502,192.47	7,616.83
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	783,042.07	8,165.24
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	852,030.85	8,713.66

23 52 39 13-0071 125 PSI Water Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.

23 52 39 13-0072 125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*

23 52 39 13-0073	EA	40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,453.20	1,462.44
23 52 39 13-0074	EA	50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	97,024.94	1,584.30
23 52 39 13-0075	EA	60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,219.67	1,828.04
23 52 39 13-0076	EA	70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	112,032.76	1,949.91
23 52 39 13-0077	EA	80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	120,010.39	2,071.78
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,360.93	2,132.71
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	136,063.96	2,193.64
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,966.89	2,437.39
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	159,126.24	2,681.13
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	169,256.78	2,955.33
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	175,221.97	3,229.54
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	212,130.89	3,777.95
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	246,995.12	4,326.36
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	266,196.77	4,874.77
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	297,009.32	5,423.18
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	359,970.74	5,971.59
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	421,399.61	6,520.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	480,211.03	7,068.41
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	536,643.72	7,616.83
23 52 39 13-0092	EA	900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	837,846.48	8,165.24
23 52 39 13-0093	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	911,709.76	8,713.66
23 52 39 13-0094		125 PSI Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	80,070.37	1,462.44
23 52 39 13-0096	EA	50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,840.92	1,584.30
23 52 39 13-0097	EA	60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,671.06	1,828.04
23 52 39 13-0098	EA	70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	107,736.37	1,949.91
23 52 39 13-0099	EA	80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,792.63	2,071.78
23 52 39 13-0100	EA	90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	121,610.52	2,132.71
23 52 39 13-0101	EA	100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	132,959.34	2,193.64
23 52 39 13-0102	EA	125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	146,103.76	2,437.39
23 52 39 13-0103	EA	150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	159,273.13	2,681.13
23 52 39 13-0104	EA	175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	169,413.68	2,955.33
23 52 39 13-0105	EA	200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	175,385.55	3,229.54
23 52 39 13-0106	EA	250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	212,327.85	3,777.95
23 52 39 13-0107	EA	300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	247,225.46	4,326.36
23 52 39 13-0108	EA	350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	266,443.80	4,874.77
23 52 39 13-0109	EA	400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	297,286.40	5,423.18
23 52 39 13-0110	EA	500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	360,307.91	5,971.59
23 52 39 13-0111	EA	600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	421,796.87	6,520.00
23 52 39 13-0112	EA	700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	480,665.04	7,068.41
23 52 39 13-0113	EA	800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	537,151.15	7,616.83
23 52 39 13-0114	EA	900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	838,650.87	8,165.24
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	912,586.40	8,713.66
23 52 39 13-0116		125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,244.02	1,462.44
23 52 39 13-0118	EA	50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,162.94	1,584.30
23 52 39 13-0119	EA	60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,242.32	1,828.04
23 52 39 13-0120	EA	70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	115,838.42	1,949.91
23 52 39 13-0121	EA	80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	123,428.81	2,071.78
23 52 39 13-0122	EA	90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	130,780.83	2,132.71
23 52 39 13-0123	EA	100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	138,133.70	2,193.64
23 52 39 13-0124	EA	125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,785.54	2,437.39
23 52 39 13-0125	EA	150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	165,462.33	2,681.13
23 52 39 13-0126	EA	175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	175,980.11	2,955.33
23 52 39 13-0127	EA	200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	182,155.62	3,229.54
23 52 39 13-0128	EA	250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	220,546.74	3,777.95
23 52 39 13-0129	EA	300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	256,806.38	4,326.36
23 52 39 13-0130	EA	350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	276,732.45	4,874.77
23 52 39 13-0131	EA	400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	308,770.15	5,423.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0132	EA	500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	374,328.77	5,971.59
23 52 39 13-0133	EA	600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	438,284.74	6,520.00
23 52 39 13-0134	EA	700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	499,516.42	7,068.41
23 52 39 13-0135	EA	800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	558,262.55	7,616.83
23 52 39 13-0136	EA	900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	872,237.72	8,165.24
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	949,154.79	8,713.66
23 52 39 13-0138		150 PSI Steam Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139		150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,413.97	1,462.44
23 52 39 13-0141	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,066.19	1,584.30
23 52 39 13-0142	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,723.81	1,828.04
23 52 39 13-0143	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,116.63	1,949.91
23 52 39 13-0144	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	124,650.63	2,071.78
23 52 39 13-0145	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	128,504.11	2,132.71
23 52 39 13-0146	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	135,733.47	2,193.64
23 52 39 13-0147	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	153,528.14	2,437.39
23 52 39 13-0148	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	174,572.56	2,681.13
23 52 39 13-0149	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	191,463.15	2,955.33
23 52 39 13-0150	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	208,351.26	3,229.54
23 52 39 13-0151	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	219,254.82	3,777.95
23 52 39 13-0152	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	267,021.58	4,326.36
23 52 39 13-0153	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	288,783.06	4,874.77
23 52 39 13-0154	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	340,487.34	5,423.18
23 52 39 13-0155	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	414,388.37	5,971.59
23 52 39 13-0156	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	485,394.83	6,520.00
23 52 39 13-0157	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	553,379.89	7,068.41
23 52 39 13-0158	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	618,592.31	7,616.83
23 52 39 13-0159	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	968,205.65	8,165.24
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	1,053,648.28	8,713.66
23 52 39 13-0161		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,926.17	1,462.44
23 52 39 13-0163	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,930.75	1,584.30
23 52 39 13-0164	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,828.01	1,828.04
23 52 39 13-0165	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,526.47	1,949.91
23 52 39 13-0166	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,215.88	2,071.78
23 52 39 13-0167	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	123,666.92	2,132.71
23 52 39 13-0168	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,635.52	2,193.64
23 52 39 13-0169	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	153,671.68	2,437.39
23 52 39 13-0170	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	174,736.13	2,681.13
23 52 39 13-0171	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	191,643.42	2,955.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0172	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	208,548.22	3,229.54
23 52 39 13-0173	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	219,458.46	3,777.95
23 52 39 13-0174	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	267,271.95	4,326.36
23 52 39 13-0175	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	289,053.46	4,874.77
23 52 39 13-0176	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	340,807.82	5,423.18
23 52 39 13-0177	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	414,778.95	5,971.59
23 52 39 13-0178	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	485,855.51	6,520.00
23 52 39 13-0179	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	553,904.00	7,068.41
23 52 39 13-0180	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	619,179.85	7,616.83
23 52 39 13-0181	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	969,140.09	8,165.24
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	1,054,669.42	8,713.66
23 52 39 13-0183		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,688.84	1,462.44
23 52 39 13-0185	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,621.48	1,584.30
23 52 39 13-0186	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,140.38	1,828.04
23 52 39 13-0187	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	123,179.34	1,949.91
23 52 39 13-0188	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	128,209.26	2,071.78
23 52 39 13-0189	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	133,004.14	2,132.71
23 52 39 13-0190	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,796.54	2,193.64
23 52 39 13-0191	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,670.61	2,437.39
23 52 39 13-0192	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,569.63	2,681.13
23 52 39 13-0193	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	199,134.56	2,955.33
23 52 39 13-0194	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	216,700.35	3,229.54
23 52 39 13-0195	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	227,974.46	3,777.95
23 52 39 13-0196	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,687.45	4,326.36
23 52 39 13-0197	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	300,283.50	4,874.77
23 52 39 13-0198	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	354,104.26	5,423.18
23 52 39 13-0199	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	431,069.85	5,971.59
23 52 39 13-0200	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	505,010.68	6,520.00
23 52 39 13-0201	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	575,806.59	7,068.41
23 52 39 13-0202	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	643,709.68	7,616.83
23 52 39 13-0203	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	1,008,160.18	8,165.24
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	1,097,157.53	8,713.66

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,117.42	1,393.63
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,691.94	1,641.84
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,258.87	1,699.36
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,523.19	1,761.71
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	9,020.14	1,882.79
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	14,373.44	2,040.19

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	16,210.50	2,179.44
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	18,582.54	2,482.13
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	20,445.34	2,663.76
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	22,026.27	2,845.37
23 53 16 00-0013		**High Pressure Boiler Feed System** *(23 53 16 00-0001)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,835.63	1,188.16
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,256.39	1,393.63
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,419.07	1,641.84
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,336.96	1,699.36
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,554.01	1,761.71
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	15,140.52	1,882.79
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,679.04	2,040.19
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	20,191.96	2,179.44
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	22,208.36	2,333.93
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	23,896.81	2,482.13
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	25,563.76	2,663.76
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	27,578.51	2,845.37
23 53 16 00-0026		**Boiler Feedwater System** *(23 53 16)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027	EA	1,380 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	12,297.64	1,641.84
23 53 16 00-0028	EA	2,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	16,022.41	1,880.97
23 53 16 00-0029	EA	4,300 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	21,134.32	2,152.80
23 53 16 00-0030	EA	6,900 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	25,420.51	2,483.34
23 53 16 00-0031	EA	8,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	26,979.92	2,663.76
23 53 16 00-0032	EA	11,000 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	28,464.22	2,845.37
23 53 16 00-0033	EA	13,800 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	31,691.96	3,269.27
23 53 16 00-0034	EA	17,250 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	40,971.32	3,753.71
23 53 16 00-0035	EA	20,700 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	53,175.37	4,337.32
23 53 16 00-0036	EA	27,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	67,306.88	4,978.79
23 53 16 00-0037	EA	34,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	86,239.55	5,728.28
23 53 16 00-0038		**Duplex Vacuum Condensate Pumps** *(23 53 16)*		
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	34,100.77	968.63
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	34,867.47	1,029.17
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	35,751.55	1,089.71
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	34,516.61	1,150.26
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	46,910.51	1,210.80
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	49,379.29	1,271.34

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 13 00-0001		**Down Flow Multi-Speed Air Handler/Electric Furnace** *(23 54 13)*		
23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,279.43	122.59
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,689.13	153.23
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	2,183.36	183.88
23 54 13 00-0005		**Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace** *(23 54 13)*		
23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,279.43	122.59
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,529.20	137.91
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,671.51	153.23
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,750.42	168.56
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	2,183.36	183.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 13 00-0011		Heating Coil For Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	212.11	28.81
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	243.01	31.69
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	263.34	34.58
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	362.94	37.46
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	392.08	40.33
23 54 16		**Fuel-Fired Furnaces** *(23 54)*		
23 54 16 13		**Gas-Fired Furnaces** *(23 54 16)*		
23 54 16 13-0001		Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*		
		Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0002		Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace	2,000.22	107.27
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace	2,131.95	122.59
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,459.22	137.91
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace	2,875.95	168.56
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace	3,069.35	183.88
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0008		Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,225.66	107.27
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,438.43	122.59
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,587.39	137.91
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,186.95	153.23
		Note: Blower cooling capacity up to 3.5 tons.		
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,053.85	168.56
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,220.83	183.88
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0015		Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	1,961.38	107.27
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,251.65	122.59
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,444.70	153.23
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,611.67	168.56
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,570.89	107.27
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,709.69	122.59
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,017.58	137.91
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,298.69	168.56
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace	3,536.12	183.88
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	1,785.31	107.27
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	1,883.59	122.59
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	2,101.65	137.91
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	2,119.27	137.91
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	2,312.66	153.23
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	2,439.13	168.56
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace	2,586.72	183.88
		Note: Blower cooling capacity up to 5 tons.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,244.56	107.27
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,362.22	122.59
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,557.38	137.91
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,559.14	137.91
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,712.03	153.23
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,759.22	168.56
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,954.38	183.88
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,262.17	107.27
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,367.50	122.59
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,636.64	137.91
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,801.86	153.23
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,130.83	91.93
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,460.55	114.98
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,928.27	91.93
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	2,061.07	99.66
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	2,044.17	107.27
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	2,106.60	114.98
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,180.71	114.98
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,812.82	239.04
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,129.24	294.20
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,539.26	422.92
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,991.74	478.08
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,653.38	551.64
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,105.73	661.96
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,806.37	882.61
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,154.59	239.04
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,465.90	294.20
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,001.75	422.92
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,537.54	478.08
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,595.36	551.64
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,127.63	661.96
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,772.15	882.61
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*		
23 54 16 16-0001		Oil Fired Forced Air Furnaces *(23 54 16 16)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,435.38	122.59
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,658.01	168.56
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,222.72	199.20
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,985.63	168.56
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,023.68	199.20

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,450.17	168.56
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,095.89	199.20
23 54 19		**Furnace Accessories** *(23 54)*		
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	215.61	30.64
23 54 19 00-0002	EA	1" Furnace External Filter Rack	65.77	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	567.52	
23 55		**Fuel-Fired Heaters** *(23 50)*		
23 55 23		**Gas-Fired Radiant Heaters** *(23 55)*		
23 55 23 13		**Low-Intensity Gas-Fired Radiant Heaters** *(23 55 23)*		
23 55 23 13-0001		Infrared Heaters-Radiant Energy *(23 55 23 13)* Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002		Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)* Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,007.72	121.08
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,114.24	133.18
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,191.15	133.18
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,493.46	159.82
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,506.42	159.82
23 55 23 13-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)* Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,142.53	134.85
		For Stainless Steel Housing, Add	*183.48*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,221.57	134.85
		For Stainless Steel Housing, Add	*203.24*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,311.90	134.85
		For Stainless Steel Housing, Add	*225.82*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,420.49	134.85
		For Stainless Steel Housing, Add	*252.97*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,550.45	147.11
		For Stainless Steel Housing, Add	*281.88*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,655.96	159.36
		For Stainless Steel Housing, Add	*303.56*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,659.11	171.62
		For Stainless Steel Housing, Add	*542.08*	
23 55 23 13-0016		Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)* Note: Per Tube Length. Includes controls and supports.		
23 55 23 13-0017		"U" Package *(23 55 23 13-0016)*		
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	97.16	6.05
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	112.09	7.27
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	137.07	8.48
23 55 23 13-0021		"S" Straight Package *(23 55 23 13-0016)*		
23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	78.94	4.84
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	100.55	6.05
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	122.15	7.27
23 55 33		**Fuel-Fired Unit Heaters** *(23 55)*		
23 55 33 00-0001		Oil-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0002		Oil Fired Unit Heater *(23 55 33 00-0001)*		
23 55 33 00-0003		Horizontal Fan Propelled Oil Fired Unit Heater, 115 Voltl, 1 phase *(23 55 33 00-0002)*		
23 55 33 00-0004	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,324.16	557.71
		For 3 Phase, 460 Volt, Add	*671.93*	
23 55 33 00-0005	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,792.76	613.48
		For 3 Phase, 460 Volt, Add	*718.01*	
23 55 33 00-0006	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,302.23	669.25
		For 3 Phase, 460 Volt, Add	*769.29*	
23 55 33 00-0007		Gas-Fired Unit Heaters *(23 55 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0008		**Removal And Reinstallation Of Unit Heaters** *(23 55 33 00-0007)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0009	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	696.20	
23 55 33 00-0010	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	938.37	
23 55 33 00-0011		**Gas Fired Unit Heaters** *(23 55 33 00-0007)*		
23 55 33 00-0012		**Horizontal Fan Propelled Natural Gas Fired Unit Heaters, 115 Vol, 1 phase** *(23 55 33 00-0011)* Note: 80 to 83 percent thermal efficiency, single stage, propeller unit, aluminum steel heat exchanger		
23 55 33 00-0013	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,881.26	209.14
		For 90 Percent Efficiency, Add	*825.11*	
		For Stainless Steel Heat Exchanger, Add	*215.51*	
		For 30 Degree, Downward Air Deflection Hood, Add	*59.11*	
		For 60 Degree, Downward Air Deflection Hood, Add	*94.83*	
		For 90 Degree, Downward Air Deflection Hood, Add	*141.62*	
		For 3 Phase, 460 Volt, Add	*317.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0014	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,134.19	250.97
		For 90 Percent Efficiency, Add	*881.82*	
		For Stainless Steel Heat Exchanger, Add	*230.33*	
		For 30 Degree, Downward Air Deflection Hood, Add	*63.17*	
		For 60 Degree, Downward Air Deflection Hood, Add	*101.34*	
		For 90 Degree, Downward Air Deflection Hood, Add	*151.36*	
		For 3 Phase, 460 Volt, Add	*339.57*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0015	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,185.78	250.97
		For Blower Unit Model, Add	*254.97*	
		For 90 Percent Efficiency, Add	*899.10*	
		For Stainless Steel Heat Exchanger, Add	*234.84*	
		For 30 Degree, Downward Air Deflection Hood, Add	*64.41*	
		For 60 Degree, Downward Air Deflection Hood, Add	*103.33*	
		For 90 Degree, Downward Air Deflection Hood, Add	*154.32*	
		For 3 Phase, 460 Volt, Add	*346.22*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0016	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,463.53	292.80
		For Blower Unit Model, Add	*273.41*	
		For 90 Percent Efficiency, Add	*964.11*	
		For Stainless Steel Heat Exchanger, Add	*251.82*	
		For 30 Degree, Downward Air Deflection Hood, Add	*69.07*	
		For 60 Degree, Downward Air Deflection Hood, Add	*110.80*	
		For 90 Degree, Downward Air Deflection Hood, Add	*165.48*	
		For 3 Phase, 460 Volt, Add	*371.26*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0017	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,799.02	334.62
		For Blower Unit Model, Add	*297.33*	
		For 90 Percent Efficiency, Add	*1,048.49*	
		For Stainless Steel Heat Exchanger, Add	*273.86*	
		For 30 Degree, Downward Air Deflection Hood, Add	*75.12*	
		For 60 Degree, Downward Air Deflection Hood, Add	*120.50*	
		For 90 Degree, Downward Air Deflection Hood, Add	*179.96*	
		For 3 Phase, 460 Volt, Add	*403.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0018	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,080.31	355.54
		For Blower Unit Model, Add	*320.08*	
		For 90 Percent Efficiency, Add	*1,128.72*	
		For Stainless Steel Heat Exchanger, Add	*294.81*	
		For 30 Degree, Downward Air Deflection Hood, Add	*80.86*	
		For 60 Degree, Downward Air Deflection Hood, Add	*129.72*	
		For 90 Degree, Downward Air Deflection Hood, Add	*193.74*	
		For 3 Phase, 460 Volt, Add	*434.64*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0019	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,210.39	355.54
		For Blower Unit Model, Add	*332.44*	
		For 90 Percent Efficiency, Add	*1,172.30*	
		For Stainless Steel Heat Exchanger, Add	*306.20*	
		For 30 Degree, Downward Air Deflection Hood, Add	*83.99*	
		For 60 Degree, Downward Air Deflection Hood, Add	*134.73*	
		For 90 Degree, Downward Air Deflection Hood, Add	*201.21*	
		For 3 Phase, 460 Volt, Add	*451.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0020	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,329.18	355.54
		For Blower Unit Model, Add	*343.73*	
		For 90 Percent Efficiency, Add	*1,212.09*	
		For Stainless Steel Heat Exchanger, Add	*316.59*	
		For 30 Degree, Downward Air Deflection Hood, Add	*86.84*	
		For 60 Degree, Downward Air Deflection Hood, Add	*139.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*208.05*	
		For 3 Phase, 460 Volt, Add	*466.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0021	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,914.94	376.46
		For Blower Unit Model, Add	*395.40*	
		For 90 Percent Efficiency, Add	*1,394.30*	
		For Stainless Steel Heat Exchanger, Add	*364.18*	
		For 30 Degree, Downward Air Deflection Hood, Add	*99.89*	
		For 60 Degree, Downward Air Deflection Hood, Add	*160.24*	
		For 90 Degree, Downward Air Deflection Hood, Add	*239.32*	
		For 3 Phase, 460 Volt, Add	*536.91*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0022	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,422.81	376.46
		For Blower Unit Model, Add	*443.65*	
		For 90 Percent Efficiency, Add	*1,564.44*	
		For Stainless Steel Heat Exchanger, Add	*408.62*	
		For 30 Degree, Downward Air Deflection Hood, Add	*112.08*	
		For 60 Degree, Downward Air Deflection Hood, Add	*179.79*	
		For 90 Degree, Downward Air Deflection Hood, Add	*268.52*	
		For 3 Phase, 460 Volt, Add	*602.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0023	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,843.97	376.46
		For Blower Unit Model, Add	*483.66*	
		For 90 Percent Efficiency, Add	*1,705.53*	
		For Stainless Steel Heat Exchanger, Add	*445.47*	
		For 30 Degree, Downward Air Deflection Hood, Add	*122.19*	
		For 60 Degree, Downward Air Deflection Hood, Add	*196.01*	
		For 90 Degree, Downward Air Deflection Hood, Add	*292.74*	
		For 3 Phase, 460 Volt, Add	*656.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0024	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,013.71	418.28
		For Blower Unit Model, Add	*586.82*	
		For 90 Percent Efficiency, Add	*2,069.32*	
		For Stainless Steel Heat Exchanger, Add	*540.49*	
		For 30 Degree, Downward Air Deflection Hood, Add	*148.25*	
		For 60 Degree, Downward Air Deflection Hood, Add	*237.82*	
		For 90 Degree, Downward Air Deflection Hood, Add	*355.18*	
		For 3 Phase, 460 Volt, Add	*796.84*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0025	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,967.52	418.28
		For Blower Unit Model, Add	*677.43*	
		For 90 Percent Efficiency, Add	*2,388.84*	
		For Stainless Steel Heat Exchanger, Add	*623.95*	
		For 30 Degree, Downward Air Deflection Hood, Add	*171.14*	
		For 60 Degree, Downward Air Deflection Hood, Add	*274.54*	
		For 90 Degree, Downward Air Deflection Hood, Add	*410.03*	
		For 3 Phase, 460 Volt, Add	*919.88*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0026	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,538.32	460.11
		For Blower Unit Model, Add	*723.72*	
		For 90 Percent Efficiency, Add	*2,552.06*	
		For Stainless Steel Heat Exchanger, Add	*666.58*	
		For 30 Degree, Downward Air Deflection Hood, Add	*182.83*	
		For 60 Degree, Downward Air Deflection Hood, Add	*293.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*438.04*	
		For 3 Phase, 460 Volt, Add	*982.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	22,601.67	1,937.28
23 57 13 00-0003	EA	300 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	30,556.51	2,058.36
23 57 13 00-0004	EA	525 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	41,238.26	2,562.77

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,633.51	302.70
		For Bronze Head And Tube Sheet, Add	*1,003.46*	
		For Copper Nickel Tubes, Add	*222.99*	
		For Double Wall Tube Bundles, Add	*334.49*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,861.04	302.70
		For Bronze Head And Tube Sheet, Add	*1,519.52*	
		For Copper Nickel Tubes, Add	*337.67*	
		For Double Wall Tube Bundles, Add	*506.51*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,829.76	423.78
		For Bronze Head And Tube Sheet, Add	*2,350.96*	
		For Copper Nickel Tubes, Add	*522.44*	
		For Double Wall Tube Bundles, Add	*783.65*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,174.77	423.78
		For Bronze Head And Tube Sheet, Add	*3,583.79*	
		For Copper Nickel Tubes, Add	*796.40*	
		For Double Wall Tube Bundles, Add	*1,194.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	12,089.65	498.84
		For Bronze Head And Tube Sheet, Add	*4,759.27*	
		For Copper Nickel Tubes, Add	*1,057.62*	
		For Double Wall Tube Bundles, Add	*1,586.42*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,906.37	635.33
		For Bronze Head And Tube Sheet, Add	*6,250.12*	
		For Copper Nickel Tubes, Add	*1,388.92*	
		For Double Wall Tube Bundles, Add	*2,083.37*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,633.41	953.59
		For Bronze Head And Tube Sheet, Add	*7,654.97*	
		For Copper Nickel Tubes, Add	*1,701.10*	
		For Double Wall Tube Bundles, Add	*2,551.66*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	29,782.06	953.59
		For Bronze Head And Tube Sheet, Add	*11,926.84*	
		For Copper Nickel Tubes, Add	*2,650.41*	
		For Double Wall Tube Bundles, Add	*3,975.61*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	4,154.89	302.70
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	5,540.06	302.70
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	7,392.54	363.23
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	10,050.36	393.51
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	11,002.67	393.51
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	14,353.05	423.78
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	15,132.21	423.78
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	18,716.10	484.32
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	22,906.03	544.86
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	23,771.76	544.86
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	29,447.42	643.67
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	35,551.90	707.92
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	41,050.22	772.17

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,143.21	302.70
		For Copper Nickel Tubes, Add	*273.96*	
		For Double Wall Tube Bundles, Add	*410.94*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,370.74	302.70
		For Copper Nickel Tubes, Add	*388.64*	
		For Double Wall Tube Bundles, Add	*582.96*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,530.59	423.78
		For Copper Nickel Tubes, Add	*592.52*	
		For Double Wall Tube Bundles, Add	*888.78*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,344.57	423.78
		For Copper Nickel Tubes, Add	*853.74*	
		For Double Wall Tube Bundles, Add	*1,280.61*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,565.31	484.32
		For Copper Nickel Tubes, Add	*1,051.24*	
		For Double Wall Tube Bundles, Add	*1,576.87*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,418.53	484.32
		For Copper Nickel Tubes, Add	*1,414.40*	
		For Double Wall Tube Bundles, Add	*2,121.60*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,127.02	476.80
		For Copper Nickel Tubes, Add	*1,758.44*	
		For Double Wall Tube Bundles, Add	*2,637.67*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	23,789.97	476.80
		For Copper Nickel Tubes, Add	*2,191.68*	
		For Double Wall Tube Bundles, Add	*3,287.53*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	30,417.15	476.80
		For Copper Nickel Tubes, Add	*2,803.32*	
		For Double Wall Tube Bundles, Add	*4,204.98*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,551.01	242.16
		For Copper Nickel Tubes, Add	*306.67*	
		For Double Wall Tube Bundles, Add	*460.00*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	9,480.32	403.56
		For Copper Nickel Tubes, Add	*867.31*	
		For Double Wall Tube Bundles, Add	*1,300.97*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,775.93	526.45
		For Copper Nickel Tubes, Add	*1,172.49*	
		For Double Wall Tube Bundles, Add	*1,758.73*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	13,699.41	637.24
		For Copper Nickel Tubes, Add	*1,242.76*	
		For Double Wall Tube Bundles, Add	*1,864.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	16,533.17	757.27
		For Copper Nickel Tubes, Add	*1,499.42*	
		For Double Wall Tube Bundles, Add	*2,249.13*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	935.10	114.87
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	1,129.68	114.87
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,543.85	143.53
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,945.18	143.53
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	2,188.41	143.53
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,214.07	149.32
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,228.26	149.32
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,449.88	160.81
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	2,635.01	172.29
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,876.88	183.77
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	3,294.43	183.77
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,706.55	195.27
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	3,778.20	206.75
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,838.29	212.44
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	5,216.96	1,112.13
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	8,157.30	1,270.94
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	11,097.82	1,429.87
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	14,908.78	1,548.92
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	18,720.10	1,668.19
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	22,464.12	2,001.82
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	27,217.10	2,151.58
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	31,792.43	2,274.81
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	41,959.51	2,566.47
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	49,763.20	2,633.78
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	62,700.13	2,700.98
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	65,923.06	2,734.68
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	69,009.33	2,768.29
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	74,783.54	2,835.49
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	80,019.35	2,902.90
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	85,552.33	3,370.78
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	89,717.18	3,446.22
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	93,298.19	3,490.09
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	96,435.20	3,598.07
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	98,986.53	3,673.50
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	101,574.84	3,774.17
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	104,071.93	3,814.75
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	106,604.12	3,877.88
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	109,448.44	4,139.41
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	112,230.41	4,362.55

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,127.88	114.87
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,166.11	114.87
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,261.76	143.53
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,299.96	143.53
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,319.07	143.53
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,361.13	149.32
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,403.18	149.32
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,506.41	160.81
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,605.84	172.29
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,743.45	183.77
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,819.90	183.77
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,957.50	195.27
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,324.48	206.75
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,546.14	212.44

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,202.31	571.95
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	6,095.34	714.94
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	10,179.88	870.38
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,968.07	1,000.92
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,321.96	1,112.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,878.76	1,251.14
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	20,538.91	1,429.87
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	26,418.27	1,429.87
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	32,629.56	1,668.19
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	36,735.55	1,787.34
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	38,814.21	1,873.11
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,902.02	1,965.65
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,035.15	1,973.27
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	43,104.71	2,066.12
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	45,195.12	2,151.58

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,518.31	183.56
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,591.77	195.38
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,630.26	206.65
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,662.00	212.55
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	2,058.70	268.37
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,928.15	402.55
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	4,493.79	469.65
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	5,034.01	536.74
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	6,084.18	644.09
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	7,176.40	724.60
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	8,420.66	805.11
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	11,872.08	1,073.48
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	13,374.62	1,341.85
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	14,287.28	1,610.21

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	46,622.82	2,734.68
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	48,044.25	2,768.29
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	51,126.12	2,835.49
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	54,175.60	2,902.90
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	58,581.56	3,370.78
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	62,159.67	3,446.22
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	65,658.81	3,490.09
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	69,283.56	3,598.07
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	72,864.92	3,673.50
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	77,900.80	3,774.17
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	81,426.25	3,814.75
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	83,068.65	3,877.88
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	93,242.00	4,139.41
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	103,275.01	4,362.55

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	7,624.23	991.89
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	16,970.83	1,062.75
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	29,842.65	1,133.59
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	35,358.66	1,204.44
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	41,956.41	1,275.30
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	46,498.04	1,416.99
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	47,909.56	1,634.64
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	51,630.43	1,929.95
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	55,091.06	2,090.77
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	63,141.21	2,251.61
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	71,385.40	2,492.85
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	75,450.45	2,592.56
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	85,188.48	2,754.60
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	93,113.86	2,916.63

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	7,274.89	991.89
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	14,982.51	1,062.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	23,410.14	1,133.59
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	25,285.02	1,204.44
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	27,159.91	1,275.30
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	32,195.19	1,416.99
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	36,542.11	1,634.64
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	46,952.04	1,929.95
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	52,659.04	2,090.77
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	56,997.55	2,251.61
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	65,542.46	2,492.85
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	69,422.18	2,592.56
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	76,153.62	2,754.60
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	86,843.71	2,916.63

23 62 13 00-0031 Packaged Chiller With Remote Air-Cooled Condenser *(23 62 13)*

Note: With remote air-cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air-Cooled Condensers	54,737.46	9,377.06
		For Gas Fired Engine Driven, Add	*9,541.64*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air-Cooled Condensers	61,982.42	9,883.92
		For Gas Fired Engine Driven, Add	*10,914.65*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air-Cooled Condensers	72,133.19	10,755.93
		For Gas Fired Engine Driven, Add	*12,814.05*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air-Cooled Condensers	80,805.21	11,428.24
		For Gas Fired Engine Driven, Add	*14,447.67*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air-Cooled Condensers	101,443.29	12,610.46
		For Gas Fired Engine Driven, Add	*18,398.04*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air-Cooled Condensers	112,140.86	13,060.77
		For Gas Fired Engine Driven, Add	*20,470.03*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air-Cooled Condensers	121,900.84	14,065.47
		For Gas Fired Engine Driven, Add	*22,271.40*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air-Cooled Condensers	148,714.04	15,049.57
		For Gas Fired Engine Driven, Add	*27,458.31*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air-Cooled Condensers	150,506.64	15,351.85
		For Gas Fired Engine Driven, Add	*27,799.69*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air-Cooled Condensers	153,128.62	16,019.39
		For Gas Fired Engine Driven, Add	*28,224.02*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air-Cooled Condensers	170,203.67	16,747.57
		For Gas Fired Engine Driven, Add	*31,529.86*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air-Cooled Condensers	188,594.54	17,545.10
		For Gas Fired Engine Driven, Add	*35,088.47*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air-Cooled Condensers	209,397.68	18,422.30
		For Gas Fired Engine Driven, Add	*39,117.57*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air-Cooled Condensers	226,572.68	19,391.94
		For Gas Fired Engine Driven, Add	*42,407.21*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air-Cooled Condensers	250,296.01	20,469.22
		For Gas Fired Engine Driven, Add	*46,990.35*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,376.21	775.21
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	12,708.70	1,132.15
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	14,557.45	1,226.96
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,056.48	1,472.36
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	19,491.33	1,732.25
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	41,455.78	2,596.88
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	51,457.57	3,134.21
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	71,241.50	3,429.31

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air-Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,427.72	775.21
		For >10 To 25, Deduct	*-187.61*	
		For >25 To 50, Deduct	*-312.68*	
		For >50, Deduct	*-500.29*	
		For Low Ambient Protection, 0 Degree F, Add	*1,106.50*	
		For Winter Start Control, Add	*367.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0003	EA	7.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,898.61	920.22
		For >10 To 25, Deduct	*-225.13*	
		For >25 To 50, Deduct	*-375.22*	
		For >50, Deduct	*-600.35*	
		For Low Ambient Protection, 0 Degree F, Add	*948.92*	
		For Winter Start Control, Add	*289.51*	
23 63 13 00-0004	EA	10 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,587.50	1,132.15
		For >10 To 25, Deduct	*-296.14*	
		For >25 To 50, Deduct	*-493.57*	
		For >50, Deduct	*-789.72*	
		For Low Ambient Protection, 0 Degree F, Add	*1,120.01*	
		For Winter Start Control, Add	*369.03*	
23 63 13 00-0005	EA	12.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,401.00	1,177.89
		For >10 To 25, Deduct	*-378.49*	
		For >25 To 50, Deduct	*-630.82*	
		For >50, Deduct	*-1,009.31*	
		For Low Ambient Protection, 0 Degree F, Add	*1,329.31*	
		For Winter Start Control, Add	*430.79*	
23 63 13 00-0006	EA	15 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	17,220.23	1,226.96
		For >10 To 25, Deduct	*-460.84*	
		For >25 To 50, Deduct	*-768.06*	
		For >50, Deduct	*-1,228.90*	
		For Low Ambient Protection, 0 Degree F, Add	*1,386.43*	
		For Winter Start Control, Add	*339.52*	
23 63 13 00-0007	EA	20 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	22,225.59	1,472.36
		For >10 To 25, Deduct	*-599.84*	
		For >25 To 50, Deduct	*-999.74*	
		For >50, Deduct	*-1,599.58*	
		For Low Ambient Protection, 0 Degree F, Add	*1,757.40*	
		For Winter Start Control, Add	*423.03*	
23 63 13 00-0008	EA	25 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,313.61	1,583.89
		For >10 To 25, Deduct	*-687.48*	
		For >25 To 50, Deduct	*-1,145.79*	
		For >50, Deduct	*-1,833.27*	
		For Low Ambient Protection, 0 Degree F, Add	*1,859.80*	
		For Winter Start Control, Add	*468.93*	
23 63 13 00-0009	EA	30 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	29,057.31	1,728.90
		For >10 To 25, Deduct	*-793.24*	
		For >25 To 50, Deduct	*-1,322.07*	
		For >50, Deduct	*-2,115.31*	
		For Low Ambient Protection, 0 Degree F, Add	*1,976.04*	
		For Winter Start Control, Add	*526.00*	
23 63 13 00-0010	EA	40 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	40,077.81	2,065.70
		For >10 To 25, Deduct	*-1,106.76*	
		For >25 To 50, Deduct	*-1,844.60*	
		For >50, Deduct	*-2,951.37*	
		For Low Ambient Protection, 0 Degree F, Add	*2,641.04*	
		For Winter Start Control, Add	*687.49*	
23 63 13 00-0011	EA	50 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	48,640.56	2,596.88
		For >10 To 25, Deduct	*-1,339.07*	
		For >25 To 50, Deduct	*-2,231.78*	
		For >50, Deduct	*-3,570.85*	
		For Low Ambient Protection, 0 Degree F, Add	*2,786.66*	
		For Winter Start Control, Add	*623.67*	
23 63 13 00-0012	EA	60 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	56,098.46	2,866.16
		For >10 To 25, Deduct	*-1,553.85*	
		For >25 To 50, Deduct	*-2,589.75*	
		For >50, Deduct	*-4,143.60*	
		For Low Ambient Protection, 0 Degree F, Add	*3,147.68*	
		For Winter Start Control, Add	*689.33*	
23 63 13 00-0013	EA	80 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	72,825.74	3,134.21
		For >10 To 25, Deduct	*-2,039.77*	
		For >25 To 50, Deduct	*-3,399.61*	
		For >50, Deduct	*-5,439.38*	
		For Low Ambient Protection, 0 Degree F, Add	*3,928.07*	
		For Winter Start Control, Add	*823.31*	
23 63 13 00-0014	EA	100 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	100,682.05	2,822.01
		For >10 To 25, Deduct	*-2,848.12*	
		For >25 To 50, Deduct	*-4,746.86*	
		For >50, Deduct	*-7,594.98*	
		For Low Ambient Protection, 0 Degree F, Add	*4,284.31*	
		For Winter Start Control, Add	*1,049.16*	
23 63 13 00-0015	EA	120 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	124,296.32	2,917.68
		For >10 To 25, Deduct	*-3,550.70*	
		For >25 To 50, Deduct	*-5,917.84*	
		For >50, Deduct	*-9,468.54*	
		For Low Ambient Protection, 0 Degree F, Add	*5,035.58*	

23 63 13 00-0016 Air-Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air-Cooled Condensing Unit	2,620.70	398.58
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-60.69*	
		For >25 To 50, Deduct	*-101.14*	
		For >50, Deduct	*-161.83*	
		For 15 SEER, Add	*485.48*	
		For 16 SEER, Add	*829.36*	
		For 18 SEER, Add	*1,739.64*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air-Cooled Condensing Unit	2,816.01	443.08
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-64.55*	
		For >25 To 50, Deduct	*-107.59*	
		For >50, Deduct	*-172.14*	
		For 15 SEER, Add	*516.41*	
		For 16 SEER, Add	*882.21*	
		For 18 SEER, Add	*1,850.48*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air-Cooled Condensing Unit	2,985.10	487.39
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-67.63*	
		For >25 To 50, Deduct	*-112.72*	
		For >50, Deduct	*-180.35*	
		For 15 SEER, Add	*541.05*	
		For 16 SEER, Add	*924.30*	
		For 18 SEER, Add	*1,938.78*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air-Cooled Condensing Unit	3,433.83	531.43
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-79.10*	
		For >25 To 50, Deduct	*-131.83*	
		For >50, Deduct	*-210.93*	
		For 15 SEER, Add	*632.80*	
		For 16 SEER, Add	*1,081.04*	
		For 18 SEER, Add	*2,267.54*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air-Cooled Condensing Unit	3,633.51	576.01
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-83.10*	
		For >25 To 50, Deduct	*-138.50*	
		For >50, Deduct	*-221.59*	
		For 15 SEER, Add	*664.78*	
		For 16 SEER, Add	*1,135.67*	
		For 18 SEER, Add	*2,382.14*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air-Cooled Condensing Unit	4,053.83	620.31
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-93.71*	
		For >25 To 50, Deduct	*-156.19*	
		For >50, Deduct	*-249.91*	
		For 15 SEER, Add	*749.72*	
		For 16 SEER, Add	*1,280.77*	
		For 18 SEER, Add	*2,686.49*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air-Cooled Condensing Unit	4,582.18	664.29
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-107.57*	
		For >25 To 50, Deduct	*-179.29*	
		For >50, Deduct	*-286.86*	
		For 15 SEER, Add	*860.58*	
		For 16 SEER, Add	*1,470.15*	
		For 18 SEER, Add	*3,083.74*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air-Cooled Condensing Unit	408.62
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air-Cooled Condensing Unit	1,532.31
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air-Cooled Condensing Unit	2,343.32

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	218,547.51	12,793.22
		For Two Stage Unit, Add	*142,748.69*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	275,859.73	14,730.47
		For Two Stage Unit, Add	*181,317.43*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	349,508.79	15,835.26
		For Two Stage Unit, Add	*231,987.95*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	388,167.70	16,940.05
		For Two Stage Unit, Add	*258,165.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	433,374.95	17,431.06
		For Two Stage Unit, Add	*289,417.61*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	488,061.51	18,044.83
		For Two Stage Unit, Add	*327,207.19*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	523,308.45	18,658.61
		For Two Stage Unit, Add	*351,389.03*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	622,470.75	19,640.64
		For Two Stage Unit, Add	*420,017.02*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	696,596.99	20,254.40
		For Two Stage Unit, Add	*471,414.37*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	843,621.91	20,868.17
		For Two Stage Unit, Add	*573,840.79*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	914,606.75	22,341.21
		For Two Stage Unit, Add	*622,351.75*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	980,486.21	23,691.51
		For Two Stage Unit, Add	*667,387.14*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,052,001.67	25,429.86
		For Two Stage Unit, Add	*716,057.28*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,204,023.51	26,050.10
		For Two Stage Unit, Add	*821,926.75*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,318,654.57	27,538.69
		For Two Stage Unit, Add	*901,027.26*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,539,831.62	28,779.16
		For Two Stage Unit, Add	*1,054,858.80*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,799,629.61	29,647.50
		For Two Stage Unit, Add	*1,236,022.74*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air-Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air-cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	246,582.04	6,797.46
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	349,972.68	9,120.00
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	437,612.31	9,645.15
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	166,447.63	7,003.73
		For 208/230 Voltage Motor Rating, Add	*6,207.89*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	181,949.92	7,181.11
		For 208/230 Voltage Motor Rating, Add	*6,816.44*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	200,686.19	7,363.64
		For 208/230 Voltage Motor Rating, Add	*7,554.31*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	218,972.85	7,658.86
		For 208/230 Voltage Motor Rating, Add	*8,266.80*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	236,845.86	8,091.33
		For 208/230 Voltage Motor Rating, Add	*8,953.94*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	254,065.50	8,512.01
		For 208/230 Voltage Motor Rating, Add	*9,615.70*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	270,723.16	8,978.71
		For 208/230 Voltage Motor Rating, Add	*10,252.01*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	286,710.03	9,421.48
		For 208/230 Voltage Motor Rating, Add	*10,863.04*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	301,998.16	9,825.23
		For 208/230 Voltage Motor Rating, Add	*11,448.62*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	316,515.58	10,144.02
		For 208/230 Voltage Motor Rating, Add	*12,008.83*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	330,693.83	10,646.57
		For 208/230 Voltage Motor Rating, Add	*12,543.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	344,090.57	11,057.31
		For 208/230 Voltage Motor Rating, Add	*13,053.15*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	356,844.49	11,462.76
		For 208/230 Voltage Motor Rating, Add	*13,537.26*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	368,817.40	11,776.77
		For 208/230 Voltage Motor Rating, Add	*13,995.99*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	390,520.58	12,194.38
		For 208/230 Voltage Motor Rating, Add	*14,837.29*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	409,441.89	12,459.53
		For 208/230 Voltage Motor Rating, Add	*15,577.11*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	426,387.92	13,075.39
		For 208/230 Voltage Motor Rating, Add	*16,215.38*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	440,811.94	13,700.57
		For 208/230 Voltage Motor Rating, Add	*16,752.17*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	452,803.69	14,388.36
		For 208/230 Voltage Motor Rating, Add	*17,187.64*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	480,959.28	15,082.53
		For 208/230 Voltage Motor Rating, Add	*18,269.26*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	508,916.02	15,774.49
		For 208/230 Voltage Motor Rating, Add	*19,343.08*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	536,780.72	16,532.87
		For 208/230 Voltage Motor Rating, Add	*20,408.93*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	564,567.70	17,367.85
		For 208/230 Voltage Motor Rating, Add	*21,466.76*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	592,134.22	18,386.66
		For 208/230 Voltage Motor Rating, Add	*22,516.56*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	642,463.97	21,215.46
		For 208/230 Voltage Motor Rating, Add	*24,349.93*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	690,907.90	24,052.31
		For 208/230 Voltage Motor Rating, Add	*26,107.35*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	736,592.67	26,350.30
		For 208/230 Voltage Motor Rating, Add	*27,788.66*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	778,971.20	27,765.19
		For 208/230 Voltage Motor Rating, Add	*29,393.87*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	819,368.21	29,133.82
		For 208/230 Voltage Motor Rating, Add	*30,922.74*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	857,048.21	29,978.33
		For 208/230 Voltage Motor Rating, Add	*32,376.26*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	894,801.74	32,069.79
		For 208/230 Voltage Motor Rating, Add	*33,753.45*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	929,814.90	33,634.16
		For 208/230 Voltage Motor Rating, Add	*35,054.53*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	963,664.83	35,663.83
		For 208/230 Voltage Motor Rating, Add	*36,279.51*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	994,414.52	36,937.56
		For 208/230 Voltage Motor Rating, Add	*37,428.53*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,058,976.63	39,028.39
		For 208/230 Voltage Motor Rating, Add	*39,968.32*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,116,565.21	41,370.05
		For 208/230 Voltage Motor Rating, Add	*42,032.79*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	155,315.56	5,892.19
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	195,551.23	6,848.44
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
		For Marine Water Box Connections, Add	*4,456.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	244,897.15	7,003.73
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	318,898.93	8,091.33
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	321,347.87	7,658.86
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	482,072.44	10,144.02
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	427,105.97	9,421.48
		For 5 Year Parts Only Compressor Warranty, Add	*25,113.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	593,413.60	12,194.38
		For 5 Year Parts Only Compressor Warranty, Add	*25,113.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	531,560.02	10,646.57
		For 5 Year Parts Only Compressor Warranty, Add	*29,679.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	711,419.26	13,075.39
		For 5 Year Parts Only Compressor Warranty, Add	*29,679.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	632,916.71	11,776.77
		For 5 Year Parts Only Compressor Warranty, Add	*34,245.00*	
		For Marine Water Box Connections, Add	*6,525.97*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	815,469.89	15,082.53
		For 5 Year Parts Only Compressor Warranty, Add	*34,245.00*	
		For Marine Water Box Connections, Add	*6,525.97*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air-Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, isolation valves, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, freeze protection thermostat, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 64 23 13-0002	EA	10 Ton Packaged Air-Cooled Scroll Water Chiller	31,649.04	1,765.44
23 64 23 13-0003	EA	15 Ton Packaged Air-Cooled Scroll Water Chiller	46,494.66	1,788.08
23 64 23 13-0004	EA	18 Ton Packaged Air-Cooled Scroll Water Chiller	50,750.66	1,912.56
23 64 23 13-0005	EA	22 Ton Packaged Air-Cooled Scroll Water Chiller	55,846.90	2,048.37
23 64 23 13-0006	EA	25 Ton Packaged Air-Cooled Scroll Water Chiller	56,735.42	2,184.17
23 64 23 13-0007	EA	30 Ton Packaged Air-Cooled Scroll Water Chiller	59,856.44	2,342.61
23 64 23 13-0008	EA	40 Ton Packaged Air-Cooled Scroll Water Chiller	68,473.84	2,534.99
23 64 23 13-0009	EA	45 Ton Packaged Air-Cooled Scroll Water Chiller	73,533.00	2,750.02
23 64 23 13-0010	EA	50 Ton Packaged Air-Cooled Scroll Water Chiller	77,664.12	2,829.24
23 64 23 13-0011	EA	55 Ton Packaged Air-Cooled Scroll Water Chiller	81,116.16	2,953.72
23 64 23 13-0012	EA	60 Ton Packaged Air-Cooled Scroll Water Chiller	83,840.02	3,055.57
23 64 23 13-0013	EA	70 Ton Packaged Air-Cooled Scroll Water Chiller	96,745.32	3,440.35
23 64 23 13-0014	EA	80 Ton Packaged Air-Cooled Scroll Water Chiller	104,121.35	3,768.54
23 64 23 13-0015	EA	90 Ton Packaged Air-Cooled Scroll Water Chiller	106,032.97	3,779.86
23 64 23 13-0016	EA	100 Ton Packaged Air-Cooled Scroll Water Chiller	112,239.35	3,791.17
23 64 23 13-0017	EA	110 Ton Packaged Air-Cooled Scroll Water Chiller	118,283.14	3,802.49
23 64 23 13-0018	EA	120 Ton Packaged Air-Cooled Scroll Water Chiller	124,402.08	3,813.81
23 64 23 13-0019	EA	130 Ton Packaged Air-Cooled Scroll Water Chiller	130,833.77	3,825.13

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	39,149.91	2,258.33
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	45,088.69	2,326.56
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	50,024.64	2,554.08
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	61,521.82	3,265.20
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	68,063.68	3,578.32
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	71,494.84	3,953.59

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 64 26 13-0001 Packaged Air-Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	111,901.22	4,334.38
		For Aluminum Fins Instead Of Copper, Deduct	*-1,581.08*	
		For 208/230 Voltage Motor Rating, Add	*4,216.21*	
23 64 26 13-0003	EA	80 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	120,260.62	4,707.85
		For Aluminum Fins Instead Of Copper, Deduct	*-1,698.15*	
		For 208/230 Voltage Motor Rating, Add	*4,528.41*	
23 64 26 13-0004	EA	90 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	126,507.74	4,911.55
		For Aluminum Fins Instead Of Copper, Deduct	*-1,787.11*	
		For 208/230 Voltage Motor Rating, Add	*4,765.62*	
23 64 26 13-0005	EA	100 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	131,164.97	5,285.01
		For Aluminum Fins Instead Of Copper, Deduct	*-1,848.65*	
		For 208/230 Voltage Motor Rating, Add	*4,929.72*	
23 64 26 13-0006	EA	110 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	140,781.63	5,545.30
		For Aluminum Fins Instead Of Copper, Deduct	*-1,987.13*	
		For 208/230 Voltage Motor Rating, Add	*5,299.00*	
23 64 26 13-0007	EA	120 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	149,627.02	5,658.46
		For Aluminum Fins Instead Of Copper, Deduct	*-2,117.09*	
		For 208/230 Voltage Motor Rating, Add	*5,645.57*	
23 64 26 13-0008	EA	130 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	157,959.66	5,850.86
		For Aluminum Fins Instead Of Copper, Deduct	*-2,237.84*	
		For 208/230 Voltage Motor Rating, Add	*5,967.56*	
23 64 26 13-0009	EA	140 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	163,016.91	5,975.34
		For Aluminum Fins Instead Of Copper, Deduct	*-2,310.81*	
		For 208/230 Voltage Motor Rating, Add	*6,162.16*	
23 64 26 13-0010	EA	160 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	172,156.60	6,099.83
		For Aluminum Fins Instead Of Copper, Deduct	*-2,445.02*	
		For 208/230 Voltage Motor Rating, Add	*6,520.05*	
23 64 26 13-0011	EA	170 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	179,708.43	6,292.21
		For Aluminum Fins Instead Of Copper, Deduct	*-2,554.05*	
		For 208/230 Voltage Motor Rating, Add	*6,810.80*	
23 64 26 13-0012	EA	180 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	189,511.60	6,541.19
		For Aluminum Fins Instead Of Copper, Deduct	*-2,695.50*	
		For 208/230 Voltage Motor Rating, Add	*7,187.99*	
23 64 26 13-0013	EA	200 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	198,112.10	6,676.99
		For Aluminum Fins Instead Of Copper, Deduct	*-2,821.62*	
		For 208/230 Voltage Motor Rating, Add	*7,524.32*	
23 64 26 13-0014	EA	215 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	212,401.25	6,790.16
		For Aluminum Fins Instead Of Copper, Deduct	*-3,033.24*	
		For 208/230 Voltage Motor Rating, Add	*8,088.64*	
23 64 26 13-0015	EA	225 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	221,897.19	6,858.06
		For Aluminum Fins Instead Of Copper, Deduct	*-3,174.32*	
		For 208/230 Voltage Motor Rating, Add	*8,464.86*	
23 64 26 13-0016	EA	240 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	231,393.12	6,914.65
		For Aluminum Fins Instead Of Copper, Deduct	*-3,315.40*	
		For 208/230 Voltage Motor Rating, Add	*8,841.07*	
23 64 26 13-0017	EA	260 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	259,813.00	7,050.46
		For Aluminum Fins Instead Of Copper, Deduct	*-3,738.64*	
		For 208/230 Voltage Motor Rating, Add	*9,969.72*	
23 64 26 13-0018	EA	280 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	274,113.50	7,186.26
		For Aluminum Fins Instead Of Copper, Deduct	*-3,950.27*	
		For 208/230 Voltage Motor Rating, Add	*10,534.04*	
23 64 26 13-0019	EA	300 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	293,105.36	7,299.42
		For Aluminum Fins Instead Of Copper, Deduct	*-4,232.43*	
		For 208/230 Voltage Motor Rating, Add	*11,286.48*	
23 64 26 13-0020	EA	325 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	321,502.62	7,423.91
		For Aluminum Fins Instead Of Copper, Deduct	*-4,655.67*	
		For 208/230 Voltage Motor Rating, Add	*12,415.12*	
23 64 26 13-0021	EA	350 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	350,549.95	7,514.45
		For Aluminum Fins Instead Of Copper, Deduct	*-5,089.17*	
		For 208/230 Voltage Motor Rating, Add	*13,571.13*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	73,884.45	5,523.93
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	80,180.65	5,738.74
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	85,650.63	5,892.19
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,415.59	6,140.77
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	95,146.04	6,309.56
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	100,907.30	6,486.69
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	136,119.34	6,667.99
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	141,311.65	6,848.44
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	145,199.75	7,017.96

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	146,673.41	7,368.92
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	145,638.40	7,724.29
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	154,084.69	7,889.64
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,450.01	8,062.24
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	177,902.04	8,431.24
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	187,790.33	8,772.49
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	199,299.48	9,120.00
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	218,786.91	9,928.34
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	234,746.33	10,920.19
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	247,195.67	12,012.70

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	19,798.60	1,878.61
		For Counter Flow Type, Add	*1,273.55*	
		For Stainless Steel Cooling Tower, Add	*13,584.54*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	27,278.30	2,297.34
		For Counter Flow Type, Add	*1,788.70*	
		For Stainless Steel Cooling Tower, Add	*19,079.42*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	34,213.04	2,885.82
		For Counter Flow Type, Add	*2,217.98*	
		For Stainless Steel Cooling Tower, Add	*23,658.48*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	39,453.43	3,225.33
		For Counter Flow Type, Add	*2,570.27*	
		For Stainless Steel Cooling Tower, Add	*27,416.22*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	45,088.63	3,632.73
		For Counter Flow Type, Add	*2,943.68*	
		For Stainless Steel Cooling Tower, Add	*31,399.27*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	50,696.41	4,074.10
		For Counter Flow Type, Add	*3,311.64*	
		For Stainless Steel Cooling Tower, Add	*35,324.18*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	56,894.59	4,538.09
		For Counter Flow Type, Add	*3,720.49*	
		For Stainless Steel Cooling Tower, Add	*39,685.19*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	62,183.60	5,115.25
		For Counter Flow Type, Add	*4,047.56*	
		For Stainless Steel Cooling Tower, Add	*43,174.00*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	67,752.01	5,681.10
		For Counter Flow Type, Add	*4,396.44*	
		For Stainless Steel Cooling Tower, Add	*46,895.39*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	74,212.70	6,722.26
		For Counter Flow Type, Add	*4,756.23*	
		For Stainless Steel Cooling Tower, Add	*50,733.08*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	80,659.21	7,446.54
		For Counter Flow Type, Add	*5,151.44*	
		For Stainless Steel Cooling Tower, Add	*54,948.72*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	84,995.04	7,921.85
		For Counter Flow Type, Add	*5,424.01*	
		For Stainless Steel Cooling Tower, Add	*57,856.06*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	90,068.70	8,385.85
		For Counter Flow Type, Add	*5,744.27*	
		For Stainless Steel Cooling Tower, Add	*61,272.18*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	94,995.25	8,793.26
		For Counter Flow Type, Add	*6,064.53*	
		For Stainless Steel Cooling Tower, Add	*64,688.31*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	100,637.29	9,200.67
		For Counter Flow Type, Add	*6,439.30*	
		For Stainless Steel Cooling Tower, Add	*68,685.90*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	106,619.50	9,698.62
		For Counter Flow Type, Add	*6,827.71*	
		For Stainless Steel Cooling Tower, Add	*72,828.86*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	113,408.07	10,196.56
		For Counter Flow Type, Add	*7,277.44*	
		For Stainless Steel Cooling Tower, Add	*77,625.98*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	120,003.94	10,626.61
		For Counter Flow Type, Add	*7,720.35*	
		For Stainless Steel Cooling Tower, Add	*82,350.40*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	126,611.12	11,056.64
		For Counter Flow Type, Add	*8,163.26*	
		For Stainless Steel Cooling Tower, Add	*87,074.82*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	139,157.79	11,520.64
		For Counter Flow Type, Add	*9,049.10*	
		For Stainless Steel Cooling Tower, Add	*96,523.68*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	152,794.71	11,973.31
		For Counter Flow Type, Add	*10,016.69*	
		For Stainless Steel Cooling Tower, Add	*106,844.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	158,336.51	12,222.29
		For Counter Flow Type, Add	*10,425.54*	
		For Stainless Steel Cooling Tower, Add	*111,205.74*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	164,968.56	12,380.73
		For Counter Flow Type, Add	*10,916.15*	
		For Stainless Steel Cooling Tower, Add	*116,438.96*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	172,687.68	13,014.48
		For Counter Flow Type, Add	*11,420.39*	
		For Stainless Steel Cooling Tower, Add	*121,817.54*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	181,678.75	13,648.22
		For Counter Flow Type, Add	*12,020.03*	
		For Stainless Steel Cooling Tower, Add	*128,213.69*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	190,760.36	14,338.56
		For Counter Flow Type, Add	*12,619.67*	
		For Stainless Steel Cooling Tower, Add	*134,609.83*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	201,295.63	15,028.89
		For Counter Flow Type, Add	*13,328.34*	
		For Stainless Steel Cooling Tower, Add	*142,168.91*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	212,171.07	15,821.08
		For Counter Flow Type, Add	*14,050.63*	
		For Stainless Steel Cooling Tower, Add	*149,873.37*	
23 65 13 16-0031	EA	1,000 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	224,488.84	16,613.27
		For Counter Flow Type, Add	*14,881.95*	
		For Stainless Steel Cooling Tower, Add	*158,740.75*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers

(23 65 14 13)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	10,105.40	1,267.50
		For Polymer Coating Over Galvanized Components, Add	*1,230.62*	
		For Stainless Steel Support Structure, Add	*2,461.25*	
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	11,980.99	1,369.34
		For Polymer Coating Over Galvanized Components, Add	*1,488.20*	
		For Stainless Steel Support Structure, Add	*2,976.39*	
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	14,328.68	1,539.10
		For Polymer Coating Over Galvanized Components, Add	*1,803.00*	
		For Stainless Steel Support Structure, Add	*3,606.01*	
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	15,901.90	1,697.54
		For Polymer Coating Over Galvanized Components, Add	*2,003.34*	
		For Stainless Steel Support Structure, Add	*4,006.68*	
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	18,844.63	1,878.61
		For Polymer Coating Over Galvanized Components, Add	*2,404.01*	
		For Stainless Steel Support Structure, Add	*4,808.01*	
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	21,930.26	2,025.73
		For Polymer Coating Over Galvanized Components, Add	*2,834.60*	
		For Stainless Steel Support Structure, Add	*5,669.20*	
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	25,179.57	2,297.34
		For Polymer Coating Over Galvanized Components, Add	*3,262.58*	
		For Stainless Steel Support Structure, Add	*6,525.16*	
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	31,351.12	2,885.82
		For Polymer Coating Over Galvanized Components, Add	*4,006.68*	
		For Stainless Steel Support Structure, Add	*8,013.35*	
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	34,183.87	3,225.33
		For Polymer Coating Over Galvanized Components, Add	*4,350.11*	
		For Stainless Steel Support Structure, Add	*8,700.21*	
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	52,242.79	3,632.73
		For Polymer Coating Over Galvanized Components, Add	*6,960.49*	
		For Stainless Steel Support Structure, Add	*13,920.98*	
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	63,213.52	4,538.09
		For Polymer Coating Over Galvanized Components, Add	*8,388.81*	
		For Stainless Steel Support Structure, Add	*16,777.63*	
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	81,738.20	7,446.54
		For Polymer Coating Over Galvanized Components, Add	*10,464.73*	
		For Stainless Steel Support Structure, Add	*20,929.47*	

23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14 13)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	31,351.12	2,885.82
		For Polymer Coating Over Galvanized Components, Add	*4,006.68*	
		For Stainless Steel Support Structure, Add	*8,013.35*	
23 65 14 13-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	41,772.44	3,632.73
		For Polymer Coating Over Galvanized Components, Add	*5,389.94*	
		For Stainless Steel Support Structure, Add	*10,779.87*	
23 65 14 13-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	53,078.70	4,538.09
		For Polymer Coating Over Galvanized Components, Add	*6,868.59*	
		For Stainless Steel Support Structure, Add	*13,737.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	62,973.07	5,681.10
		For Polymer Coating Over Galvanized Components, Add	*8,076.05*	
		For Stainless Steel Support Structure, Add	*16,152.09*	
23 65 14 13-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	74,817.28	7,446.54
		For Polymer Coating Over Galvanized Components, Add	*9,426.60*	
		For Stainless Steel Support Structure, Add	*18,853.19*	
23 65 14 13-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	83,390.91	8,385.85
		For Polymer Coating Over Galvanized Components, Add	*10,486.87*	
		For Stainless Steel Support Structure, Add	*20,973.73*	
23 65 14 13-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	93,005.52	9,200.67
		For Polymer Coating Over Galvanized Components, Add	*11,733.84*	
		For Stainless Steel Support Structure, Add	*23,467.68*	
23 65 14 13-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	105,412.88	10,196.56
		For Polymer Coating Over Galvanized Components, Add	*13,355.59*	
		For Stainless Steel Support Structure, Add	*26,711.18*	
23 65 14 13-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	118,888.50	11,056.64
		For Polymer Coating Over Galvanized Components, Add	*15,168.14*	
		For Stainless Steel Support Structure, Add	*30,336.27*	
23 65 14 13-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	127,346.72	11,656.44
		For Polymer Coating Over Galvanized Components, Add	*16,326.53*	
		For Stainless Steel Support Structure, Add	*32,653.06*	
23 65 14 13-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	136,489.99	11,973.31
		For Polymer Coating Over Galvanized Components, Add	*17,587.68*	
		For Stainless Steel Support Structure, Add	*35,175.36*	
23 65 14 13-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	154,883.72	12,380.73
		For Polymer Coating Over Galvanized Components, Add	*20,319.58*	
		For Stainless Steel Support Structure, Add	*40,639.16*	
23 65 14 13-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	169,867.68	13,648.22
		For Polymer Coating Over Galvanized Components, Add	*22,268.41*	
		For Stainless Steel Support Structure, Add	*44,536.81*	
23 65 14 13-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	187,667.48	15,028.89
		For Polymer Coating Over Galvanized Components, Add	*24,612.45*	
		For Stainless Steel Support Structure, Add	*49,224.90*	

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,411.39	1,267.50
		For Polymer Coating Over Galvanized Components, Add	*976.52*	
		For Stainless Steel Support Structure, Add	*1,953.04*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,076.65	1,290.13
		For Polymer Coating Over Galvanized Components, Add	*1,072.92*	
		For Stainless Steel Support Structure, Add	*2,145.83*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,872.41	1,403.30
		For Polymer Coating Over Galvanized Components, Add	*1,165.12*	
		For Stainless Steel Support Structure, Add	*2,330.24*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,538.94	1,471.20
		For Polymer Coating Over Galvanized Components, Add	*1,399.82*	
		For Stainless Steel Support Structure, Add	*2,799.64*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,065.74	1,539.10
		For Polymer Coating Over Galvanized Components, Add	*1,613.56*	
		For Stainless Steel Support Structure, Add	*3,227.13*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	14,559.32	1,618.32
		For Polymer Coating Over Galvanized Components, Add	*1,818.93*	
		For Stainless Steel Support Structure, Add	*3,637.85*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,929.81	1,697.54
		For Polymer Coating Over Galvanized Components, Add	*2,007.53*	
		For Stainless Steel Support Structure, Add	*4,015.05*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,451.32	1,788.08
		For Polymer Coating Over Galvanized Components, Add	*2,217.08*	
		For Stainless Steel Support Structure, Add	*4,434.16*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	18,939.59	1,878.61
		For Polymer Coating Over Galvanized Components, Add	*2,418.25*	
		For Stainless Steel Support Structure, Add	*4,836.50*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,864.84	2,025.73
		For Polymer Coating Over Galvanized Components, Add	*2,824.79*	
		For Stainless Steel Support Structure, Add	*5,649.57*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	25,036.24	2,184.17
		For Polymer Coating Over Galvanized Components, Add	*3,264.85*	
		For Stainless Steel Support Structure, Add	*6,529.70*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,507.88	2,297.34
		For Polymer Coating Over Galvanized Components, Add	*3,461.83*	
		For Stainless Steel Support Structure, Add	*6,923.66*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,115.33	2,489.73
		For Polymer Coating Over Galvanized Components, Add	*3,658.81*	
		For Stainless Steel Support Structure, Add	*7,317.62*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	29,303.66	2,682.12
		For Polymer Coating Over Galvanized Components, Add	*3,792.92*	
		For Stainless Steel Support Structure, Add	*7,585.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,518.70	2,885.82
		For Polymer Coating Over Galvanized Components, Add	*4,031.81*	
		For Stainless Steel Support Structure, Add	*8,063.63*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	32,816.31	3,225.33
		For Polymer Coating Over Galvanized Components, Add	*4,144.97*	
		For Stainless Steel Support Structure, Add	*8,289.95*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,110.82	3,632.73
		For Polymer Coating Over Galvanized Components, Add	*4,840.69*	
		For Stainless Steel Support Structure, Add	*9,681.38*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,109.45	4,074.10
		For Polymer Coating Over Galvanized Components, Add	*5,335.24*	
		For Stainless Steel Support Structure, Add	*10,670.48*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	44,337.20	4,538.09
		For Polymer Coating Over Galvanized Components, Add	*5,557.37*	
		For Stainless Steel Support Structure, Add	*11,114.73*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	51,244.47	5,115.25
		For Polymer Coating Over Galvanized Components, Add	*6,454.26*	
		For Stainless Steel Support Structure, Add	*12,908.51*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	56,184.57	5,681.10
		For Polymer Coating Over Galvanized Components, Add	*7,057.77*	
		For Stainless Steel Support Structure, Add	*14,115.54*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	60,111.33	6,722.26
		For Polymer Coating Over Galvanized Components, Add	*7,397.25*	
		For Stainless Steel Support Structure, Add	*14,794.49*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	64,864.68	7,446.54
		For Polymer Coating Over Galvanized Components, Add	*7,933.71*	
		For Stainless Steel Support Structure, Add	*15,867.41*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	74,137.30	8,385.85
		For Polymer Coating Over Galvanized Components, Add	*9,098.82*	
		For Stainless Steel Support Structure, Add	*18,197.65*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	81,725.35	9,200.67
		For Polymer Coating Over Galvanized Components, Add	*10,041.82*	
		For Stainless Steel Support Structure, Add	*20,083.63*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,334.10	10,196.56
		For Polymer Coating Over Galvanized Components, Add	*11,093.78*	
		For Stainless Steel Support Structure, Add	*22,187.55*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	98,431.81	11,056.64
		For Polymer Coating Over Galvanized Components, Add	*12,099.63*	
		For Stainless Steel Support Structure, Add	*24,199.27*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	112,476.24	11,973.31
		For Polymer Coating Over Galvanized Components, Add	*13,985.62*	
		For Stainless Steel Support Structure, Add	*27,971.24*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	126,096.69	12,380.73
		For Polymer Coating Over Galvanized Components, Add	*16,001.52*	
		For Stainless Steel Support Structure, Add	*32,003.05*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	140,941.10	13,648.22
		For Polymer Coating Over Galvanized Components, Add	*17,929.42*	
		For Stainless Steel Support Structure, Add	*35,858.84*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	155,351.89	15,028.89
		For Polymer Coating Over Galvanized Components, Add	*19,765.11*	
		For Stainless Steel Support Structure, Add	*39,530.22*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	169,481.49	16,613.27
		For Polymer Coating Over Galvanized Components, Add	*21,512.79*	
		For Stainless Steel Support Structure, Add	*43,025.58*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	185,462.30	17,416.77
		For Polymer Coating Over Galvanized Components, Add	*23,721.48*	
		For Stainless Steel Support Structure, Add	*47,442.97*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	200,872.31	18,163.69
		For Polymer Coating Over Galvanized Components, Add	*25,854.74*	
		For Stainless Steel Support Structure, Add	*51,709.48*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	213,682.68	19,725.42
		For Polymer Coating Over Galvanized Components, Add	*27,409.63*	
		For Stainless Steel Support Structure, Add	*54,819.26*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	226,087.39	21,400.32
		For Polymer Coating Over Galvanized Components, Add	*28,876.51*	
		For Stainless Steel Support Structure, Add	*57,753.01*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	238,052.48	23,165.76
		For Polymer Coating Over Galvanized Components, Add	*30,255.37*	
		For Stainless Steel Support Structure, Add	*60,510.74*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	249,092.00	24,761.45
		For Polymer Coating Over Galvanized Components, Add	*31,537.84*	
		For Stainless Steel Support Structure, Add	*63,075.68*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	259,890.27	26,583.48
		For Polymer Coating Over Galvanized Components, Add	*32,728.10*	
		For Stainless Steel Support Structure, Add	*65,456.21*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	270,554.45	28,688.44
		For Polymer Coating Over Galvanized Components, Add	*33,830.36*	
		For Stainless Steel Support Structure, Add	*67,660.72*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	280,564.76	30,793.38
		For Polymer Coating Over Galvanized Components, Add	*34,836.22*	
		For Stainless Steel Support Structure, Add	*69,672.43*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	291,187.89	33,667.89
		For Polymer Coating Over Galvanized Components, Add	*35,754.06*	
		For Stainless Steel Support Structure, Add	*71,508.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0044		**Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers** *(23 65 14 14)*		
		Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	95,118.55	2,885.82
		For Induced Draft Counter Flow Type, Add	*4,523.93*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	107,817.17	3,202.69
		For Induced Draft Counter Flow Type, Add	*5,131.70*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	117,815.11	3,632.73
		For Induced Draft Counter Flow Type, Add	*5,598.78*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	130,893.25	4,538.09
		For Induced Draft Counter Flow Type, Add	*6,180.26*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	148,176.13	5,681.10
		For Induced Draft Counter Flow Type, Add	*6,952.17*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	169,979.28	7,446.54
		For Induced Draft Counter Flow Type, Add	*7,900.30*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	185,146.24	8,385.85
		For Induced Draft Counter Flow Type, Add	*8,583.39*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	200,109.47	9,200.67
		For Induced Draft Counter Flow Type, Add	*9,266.48*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	230,899.19	11,056.64
		For Induced Draft Counter Flow Type, Add	*10,656.58*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	260,887.34	11,973.31
		For Induced Draft Counter Flow Type, Add	*12,082.43*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	323,318.27	13,014.48
		For Induced Draft Counter Flow Type, Add	*15,090.81*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	419,842.42	16,613.27
		For Induced Draft Counter Flow Type, Add	*19,688.98*	
23 65 14 16		**Closed-Circuit, Induced-Draft Counterflow Cooling Towers** *(23 65 14)*		
23 65 14 16-0001		**Stainless Steel Packaged Propeller Type Cooling Towers** *(23 65 14 16)*		
		Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
23 65 14 16-0002		**Draw-Thru Stainless Steel Propeller Type Cooling Towers** *(23 65 14 16-0001)*		
		Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	39,890.46	1,878.61
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	56,749.83	2,297.34
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	66,828.59	2,885.82
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	75,765.95	3,225.33
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	83,101.64	3,632.73
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	99,623.65	4,538.09
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	117,195.50	5,681.10
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	138,823.37	7,446.54
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	151,943.90	8,385.85
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	172,312.17	9,200.67
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	199,686.44	11,056.64
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	225,501.60	11,973.31
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	279,119.88	13,014.48
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	355,646.63	16,432.19
23 65 14 16-0017		**Belt Driven Stainless Steel Propeller Type Cooling Towers** *(23 65 14 16-0001)*		
		Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	69,628.21	2,885.82
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	75,330.14	3,225.33
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	81,149.96	3,632.73
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	95,933.45	4,538.09
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	105,641.71	5,681.10
23 65 14 16-0023		**Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers** *(23 65 14 16)*		
		Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.		
23 65 14 16-0024	EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,705.64	1,176.96
23 65 14 16-0025	EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,953.41	1,233.54
23 65 14 16-0026	EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,769.11	1,267.50
23 65 14 16-0027	EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,530.72	1,290.13
23 65 14 16-0028	EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,567.10	1,403.30
23 65 14 16-0029	EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,062.04	1,471.20
23 65 14 16-0030	EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,248.77	1,539.10
23 65 14 16-0031	EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,822.88	1,697.54
23 65 14 16-0032	EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,195.10	1,878.61
23 65 14 16-0033	EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	14,793.74	2,025.73
23 65 14 16-0034	EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	17,075.38	2,184.17
23 65 14 16-0035	EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	18,581.51	2,489.73
23 65 14 16-0036	EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	22,486.28	2,885.82
23 65 14 16-0037	EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	27,824.28	3,225.33
23 65 14 16-0038	EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	31,247.91	3,632.73
23 65 14 16-0039	EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	37,971.47	4,074.10
23 65 14 16-0040	EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	42,350.39	4,538.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0041	EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	46,800.34	5,115.25
23 65 14 16-0042	EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	51,050.29	5,681.10
23 65 14 16-0043	EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	61,107.69	7,446.54
23 65 14 16-0044	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	69,452.35	8,385.85
23 65 14 16-0045	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	77,200.22	9,200.67
23 65 14 16-0046	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	93,866.91	10,830.31
23 65 14 16-0047	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	107,287.59	11,973.31
23 65 14 16-0048	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	113,917.15	9,200.67
23 65 14 16-0049	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	130,151.91	13,648.22
23 65 14 16-0050	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	148,992.77	11,373.52

23 65 43 Cooling Tower Basins and Accessories *(23 65)*

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,361.85
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,540.97
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,514.37
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,774.07
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,923.21
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,135.33
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,347.45
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,377.79
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,628.89
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,996.15
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,366.39
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,611.49
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*

23 65 43 00-0014 Cooling Tower Accessories *(23 65 43)*

23 65 43 00-0015	EA	2" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	36,766.03
23 65 43 00-0016	EA	3" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	42,965.43

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	30,882.10	214.48
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	43,097.32	284.36
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	49,338.19	343.94
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	58,414.78	429.93
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	67,954.36	571.52
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	87,787.21	859.97
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	99,134.74	968.60
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	136,143.29	1,286.57
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	176,176.35	1,495.67

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 72 13		**Heat-Wheel Air-To-Air Energy-Recovery Equipment** *(23 72)*		
23 72 13 00-0001		Enthalpy Recovery Wheel *(23 72 13)*		
23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	10,923.80	807.00
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	12,124.28	968.63
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	15,171.44	1,210.80
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	17,742.91	1,383.33
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	19,634.94	1,452.96
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	23,869.68	1,614.60
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	31,722.68	1,695.11
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	39,522.30	1,816.19
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	47,866.01	2,075.30
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	53,630.21	2,663.76
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	71,894.45	3,026.99
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	85,511.99	3,632.39
23 72 16		**Heat-Pipe Air-To-Air Energy-Recovery Equipment** *(23 72)*		
23 72 16 00-0001		Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*		
23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	19,723.35	605.40
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	31,016.68	807.24
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	45,980.54	1,210.80
23 73		**Indoor Central-Station Air-Handling Units** *(23 70)*		
23 73 13		**Modular Indoor Central-Station Air-Handling Units** *(23 73)*		

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001		Single Zone Units *(23 73 13)*		
		Note: Horizontal/vertical draw-thru fan, motor and cabinet.		
23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,847.75	671.45
		For Flat Filter Box And Throwaway Filters, Add	*236.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*444.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*662.48*	
		For Manual Roll Filter, Add	*1,134.62*	
		For Automatic Roll Filter, Add	*1,229.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*568.06*	
		For Electric Heating Coil, Add	*945.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*945.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*851.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*756.91*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*614.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,134.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,040.19*	
		For Hot Water Heating Coil, Copper Fins, Add	*756.91*	
		For Variable Air Volume, Add	*264.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,311.45*	
		For 2 Coils, Independent Circuits, Add	*322.55*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,491.40	805.74
		For Flat Filter Box And Throwaway Filters, Add	*391.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*748.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,117.39*	
		For Manual Roll Filter, Add	*1,952.71*	
		For Automatic Roll Filter, Add	*2,119.78*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*950.33*	
		For Electric Heating Coil, Add	*1,618.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,618.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,451.52*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,284.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,059.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,952.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,785.65*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,284.46*	
		For Variable Air Volume, Add	*467.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,445.09*	
		For 2 Coils, Independent Circuits, Add	*515.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,076.01	865.33
		For Flat Filter Box And Throwaway Filters, Add	*445.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*854.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,275.58*	
		For Manual Roll Filter, Add	*2,235.56*	
		For Automatic Roll Filter, Add	*2,427.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,083.59*	
		For Electric Heating Coil, Add	*1,851.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,851.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,659.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,467.58*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,213.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,235.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,043.57*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,467.58*	
		For Variable Air Volume, Add	*537.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,505.27*	
		For 2 Coils, Independent Circuits, Add	*584.40*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,725.98	929.83
		For Flat Filter Box And Throwaway Filters, Add	*506.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*972.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,452.09*	
		For Manual Roll Filter, Add	*2,551.45*	
		For Automatic Roll Filter, Add	*2,771.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,232.21*	
		For Electric Heating Coil, Add	*2,111.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,111.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,891.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,671.96*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,385.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,551.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,331.57*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,671.96*	
		For Variable Air Volume, Add	*615.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,569.98*	
		For 2 Coils, Independent Circuits, Add	*660.55*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,492.30	1,000.34
		For Flat Filter Box And Throwaway Filters, Add	*577.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,112.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,662.21*	
		For Manual Roll Filter, Add	*2,928.44*	
		For Automatic Roll Filter, Add	*3,181.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,408.97*	
		For Electric Heating Coil, Add	*2,421.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,421.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,168.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,915.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,590.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,928.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,675.19*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,915.46*	
		For Variable Air Volume, Add	*709.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,639.17*	
		For 2 Coils, Independent Circuits, Add	*750.53*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,385.88	1,075.04
		For Flat Filter Box And Throwaway Filters, Add	*661.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,277.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,908.62*	
		For Manual Roll Filter, Add	*3,371.16*	
		For Automatic Roll Filter, Add	*3,663.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,616.11*	
		For Electric Heating Coil, Add	*2,786.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,786.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,493.64*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,201.13*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,831.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,371.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,078.66*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,201.13*	
		For Variable Air Volume, Add	*819.02*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,715.00*	
		For 2 Coils, Independent Circuits, Add	*855.59*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,086.67	1,155.73
		For Flat Filter Box And Throwaway Filters, Add	*726.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,403.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,096.49*	
		For Manual Roll Filter, Add	*3,706.27*	
		For Automatic Roll Filter, Add	*4,028.22*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,774.53*	
		For Electric Heating Coil, Add	*3,062.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,062.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,740.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,418.44*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,014.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,706.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,384.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,418.44*	
		For Variable Air Volume, Add	*901.48*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,793.29*	
		For 2 Coils, Independent Circuits, Add	*937.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,846.26	1,245.54
		For Flat Filter Box And Throwaway Filters, Add	*795.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,537.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,298.09*	
		For Manual Roll Filter, Add	*4,064.92*	
		For Automatic Roll Filter, Add	*4,418.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,944.72*	
		For Electric Heating Coil, Add	*3,358.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,358.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,004.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,651.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,209.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,064.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,711.55*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,651.46*	
		For Variable Air Volume, Add	*989.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,728.42*	
		For 2 Coils, Independent Circuits, Add	*1,025.97*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,681.78	1,335.33
		For Flat Filter Box And Throwaway Filters, Add	*872.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,688.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,522.99*	
		For Manual Roll Filter, Add	*4,466.50*	
		For Automatic Roll Filter, Add	*4,855.20*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,134.29*	
		For Electric Heating Coil, Add	*3,689.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,689.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,300.39*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,911.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,427.60*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,466.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,077.80*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,911.69*	
		For Variable Air Volume, Add	*1,088.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,799.25*	
		For 2 Coils, Independent Circuits, Add	*1,123.66*	
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,452.72	1,435.34
		For Flat Filter Box And Throwaway Filters, Add	*942.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,823.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,725.72*	
		For Manual Roll Filter, Add	*4,826.29*	
		For Automatic Roll Filter, Add	*5,246.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,305.61*	
		For Electric Heating Coil, Add	*3,986.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,986.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,565.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,145.84*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,623.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,826.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,406.18*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,145.84*	
		For Variable Air Volume, Add	*1,176.32*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,877.75*	
		For 2 Coils, Independent Circuits, Add	*1,213.32*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,275.82	1,544.44
		For Flat Filter Box And Throwaway Filters, Add	*1,017.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,968.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,941.53*	
		For Manual Roll Filter, Add	*5,208.96*	
		For Automatic Roll Filter, Add	*5,662.45*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,488.04*	
		For Electric Heating Coil, Add	*4,301.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,301.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,848.50*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,395.01*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,831.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,208.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,755.47*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,395.01*	
		For Variable Air Volume, Add	*1,269.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,963.35*	
		For 2 Coils, Independent Circuits, Add	*1,308.98*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,115.53	1,787.72
		For Flat Filter Box And Throwaway Filters, Add	*1,183.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,291.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,423.90*	
		For Manual Roll Filter, Add	*6,064.33*	
		For Automatic Roll Filter, Add	*6,592.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,895.81*	
		For Electric Heating Coil, Add	*5,008.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,008.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,480.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,951.98*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,296.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,064.33*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,536.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,951.98*	
		For Variable Air Volume, Add	*1,478.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,154.60*	
		For 2 Coils, Independent Circuits, Add	*1,522.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,738.91	1,921.18
		For Flat Filter Box And Throwaway Filters, Add	*1,236.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,390.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,572.61*	
		For Manual Roll Filter, Add	*6,321.02*	
		For Automatic Roll Filter, Add	*6,870.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,022.93*	
		For Electric Heating Coil, Add	*5,221.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,221.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,671.97*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,122.29*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,435.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,321.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,771.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,122.29*	
		For Variable Air Volume, Add	*1,539.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,259.92*	
		For 2 Coils, Independent Circuits, Add	*1,593.76*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,375.10	2,064.69
		For Flat Filter Box And Throwaway Filters, Add	*1,290.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,491.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,722.61*	
		For Manual Roll Filter, Add	*6,578.99*	
		For Automatic Roll Filter, Add	*7,150.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,151.34*	
		For Electric Heating Coil, Add	*5,436.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,436.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,865.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,293.89*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,575.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,578.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,007.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,293.89*	
		For Variable Air Volume, Add	*1,599.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,372.28*	
		For 2 Coils, Independent Circuits, Add	*1,666.02*	
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,774.09	2,383.63
		For Flat Filter Box And Throwaway Filters, Add	*1,407.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,712.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,050.97*	
		For Manual Roll Filter, Add	*7,142.92*	
		For Automatic Roll Filter, Add	*7,761.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,432.58*	
		For Electric Heating Coil, Add	*5,906.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,906.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,287.75*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,669.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,880.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,142.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,524.53*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,669.36*	
		For Variable Air Volume, Add	*1,731.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,302.51*	
		For 2 Coils, Independent Circuits, Add	*1,824.77*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,774.09	2,383.63
		For Flat Filter Box And Throwaway Filters, Add	*1,407.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,712.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,050.97*	
		For Manual Roll Filter, Add	*7,142.92*	
		For Automatic Roll Filter, Add	*7,761.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,432.58*	
		For Electric Heating Coil, Add	*5,906.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,906.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,287.75*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,669.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,880.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,142.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,524.53*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,669.36*	
		For Variable Air Volume, Add	*1,731.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,302.51*	
		For 2 Coils, Independent Circuits, Add	*1,824.77*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,300.58	2,737.82
		For Flat Filter Box And Throwaway Filters, Add	*1,534.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,951.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,407.79*	
		For Manual Roll Filter, Add	*7,754.95*	
		For Automatic Roll Filter, Add	*8,424.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,738.35*	
		For Electric Heating Coil, Add	*6,416.08*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,416.08*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,746.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,077.22*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,212.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,754.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,085.51*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,077.22*	
		For Variable Air Volume, Add	*1,874.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,504.78*	
		For 2 Coils, Independent Circuits, Add	*1,997.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,182.60	2,970.31
		For Flat Filter Box And Throwaway Filters, Add	*1,606.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,084.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,605.92*	
		For Manual Roll Filter, Add	*8,090.50*	
		For Automatic Roll Filter, Add	*8,787.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,909.01*	
		For Electric Heating Coil, Add	*6,696.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,696.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,999.76*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,302.84*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,393.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,090.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,393.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,302.84*	
		For Variable Air Volume, Add	*1,951.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,637.71*	
		For 2 Coils, Independent Circuits, Add	*2,097.03*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,046.97	3,191.04
		For Flat Filter Box And Throwaway Filters, Add	*1,676.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,216.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,802.30*	
		For Manual Roll Filter, Add	*8,424.30*	
		For Automatic Roll Filter, Add	*9,148.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,077.90*	
		For Electric Heating Coil, Add	*6,975.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,975.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,251.10*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,526.70*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,574.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,424.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,699.90*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,526.70*	
		For Variable Air Volume, Add	*2,028.32*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,763.59*	
		For 2 Coils, Independent Circuits, Add	*2,194.46*	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,916.67	3,415.98
		For Flat Filter Box And Throwaway Filters, Add	*1,747.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,349.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,999.20*	
		For Manual Roll Filter, Add	*8,758.62*	
		For Automatic Roll Filter, Add	*9,510.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,247.32*	
		For Electric Heating Coil, Add	*7,254.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,254.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,502.97*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,751.09*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,755.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,758.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,006.74*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,751.09*	
		For Variable Air Volume, Add	*2,105.28*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,891.60*	
		For 2 Coils, Independent Circuits, Add	*2,292.42*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,918.95	3,677.01
		For Flat Filter Box And Throwaway Filters, Add	*1,829.24*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,500.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,225.07*	
		For Manual Roll Filter, Add	*9,141.55*	
		For Automatic Roll Filter, Add	*9,924.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,441.78*	
		For Electric Heating Coil, Add	*7,574.96*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,574.96*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,791.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,008.37*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,962.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,141.55*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,358.25*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,008.37*	
		For Variable Air Volume, Add	*2,193.22*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,041.22*	
		For 2 Coils, Independent Circuits, Add	*2,405.21*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,936.50	3,939.71
		For Flat Filter Box And Throwaway Filters, Add	*1,911.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,653.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,452.47*	
		For Manual Roll Filter, Add	*9,526.00*	
		For Automatic Roll Filter, Add	*10,340.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,637.77*	
		For Electric Heating Coil, Add	*7,896.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,896.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,081.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,267.18*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,170.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,526.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,711.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,267.18*	
		For Variable Air Volume, Add	*2,281.17*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,872.72*	
		For 2 Coils, Independent Circuits, Add	*2,519.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,985.56	4,242.58
		For Flat Filter Box And Throwaway Filters, Add	*1,995.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,808.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,683.02*	
		For Manual Roll Filter, Add	*9,913.59*	
		For Automatic Roll Filter, Add	*10,759.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,836.90*	
		For Electric Heating Coil, Add	*8,221.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,221.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,375.25*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,529.13*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,379.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,913.59*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,067.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,529.13*	
		For Variable Air Volume, Add	*2,369.12*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,998.98*	
		For 2 Coils, Independent Circuits, Add	*2,637.00*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,181.00	4,596.04
		For Flat Filter Box And Throwaway Filters, Add	*2,090.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,984.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,943.91*	
		For Manual Roll Filter, Add	*10,351.17*	
		For Automatic Roll Filter, Add	*11,232.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,062.46*	
		For Electric Heating Coil, Add	*8,588.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,588.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,706.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,825.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,616.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,351.17*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,469.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,825.36*	
		For Variable Air Volume, Add	*2,468.07*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,145.59*	
		For 2 Coils, Independent Circuits, Add	*2,770.68*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,347.52	4,907.07
		For Flat Filter Box And Throwaway Filters, Add	*2,184.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,157.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,201.91*	
		For Manual Roll Filter, Add	*10,785.85*	
		For Automatic Roll Filter, Add	*11,702.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,285.12*	
		For Electric Heating Coil, Add	*8,952.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,952.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,035.48*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,118.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,851.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,785.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,869.06*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,118.69*	
		For Variable Air Volume, Add	*2,567.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,283.53*	
		For 2 Coils, Independent Circuits, Add	*2,901.47*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,453.64	4,751.31
		For Flat Filter Box And Throwaway Filters, Add	*2,207.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,211.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,283.19*	
		For Manual Roll Filter, Add	*10,955.47*	
		For Automatic Roll Filter, Add	*11,889.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,348.73*	
		For Electric Heating Coil, Add	*9,086.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,086.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,152.10*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,217.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,944.96*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,955.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,021.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,217.65*	
		For Variable Air Volume, Add	*2,616.48*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,209.35*	
		For 2 Coils, Independent Circuits, Add	*2,919.15*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,571.61	5,271.45
		For Flat Filter Box And Throwaway Filters, Add	*2,280.71*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,335.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,465.66*	
		For Manual Roll Filter, Add	*11,226.29*	
		For Automatic Roll Filter, Add	*12,178.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,513.54*	
		For Electric Heating Coil, Add	*9,322.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,322.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,369.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,417.79*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,089.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,226.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,274.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,417.79*	
		For Variable Air Volume, Add	*2,665.95*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,438.73*	
		For 2 Coils, Independent Circuits, Add	*3,038.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,979.56	5,483.19
		For Flat Filter Box And Throwaway Filters, Add	*2,408.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,582.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,834.18*	
		For Manual Roll Filter, Add	*11,879.46*	
		For Automatic Roll Filter, Add	*12,888.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,825.12*	
		For Electric Heating Coil, Add	*9,861.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,861.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,852.29*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,843.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,444.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,879.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,870.40*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,843.24*	
		For Variable Air Volume, Add	*2,825.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,959.69*	
		For 2 Coils, Independent Circuits, Add	*3,201.58*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	29,462.43	5,695.54
		For Flat Filter Box And Throwaway Filters, Add	*2,539.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,833.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,210.19*	
		For Manual Roll Filter, Add	*12,540.13*	
		For Automatic Roll Filter, Add	*13,606.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,144.21*	
		For Electric Heating Coil, Add	*10,408.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,408.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,342.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,276.18*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,803.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,540.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,474.14*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,276.18*	
		For Variable Air Volume, Add	*2,984.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,028.54*	
		For 2 Coils, Independent Circuits, Add	*3,372.64*	
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	31,032.81	5,914.59
		For Flat Filter Box And Throwaway Filters, Add	*2,682.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,112.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,626.37*	
		For Manual Roll Filter, Add	*13,280.22*	
		For Automatic Roll Filter, Add	*14,410.99*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,495.59*	
		For Electric Heating Coil, Add	*11,018.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,018.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,887.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,757.14*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,205.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,280.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,149.45*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,757.14*	
		For Variable Air Volume, Add	*3,166.16*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,083.48*	
		For 2 Coils, Independent Circuits, Add	*3,555.59*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,670.09	6,133.89
		For Flat Filter Box And Throwaway Filters, Add	*2,829.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,395.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,049.23*	
		For Manual Roll Filter, Add	*14,027.00*	
		For Automatic Roll Filter, Add	*15,222.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,853.67*	
		For Electric Heating Coil, Add	*11,635.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,635.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,440.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,244.78*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,611.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,027.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,831.45*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,244.78*	
		For Variable Air Volume, Add	*3,347.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,151.80*	
		For 2 Coils, Independent Circuits, Add	*3,745.23*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	36,412.76	6,575.97
		For Flat Filter Box And Throwaway Filters, Add	*3,171.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,060.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,394.49*	
		For Manual Roll Filter, Add	*14,986.68*	
		For Automatic Roll Filter, Add	*15,797.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,342.56*	
		For Electric Heating Coil, Add	*6,882.82*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,745.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,394.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,043.85*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,223.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,446.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,095.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,394.49*	
		For Variable Air Volume, Add	*3,781.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,379.98*	
		For 2 Coils, Independent Circuits, Add	*4,181.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	40,393.52	7,087.11
		For Flat Filter Box And Throwaway Filters, Add	*3,531.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,757.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,597.46*	
		For Manual Roll Filter, Add	*16,736.97*	
		For Automatic Roll Filter, Add	*17,643.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,062.59*	
		For Electric Heating Coil, Add	*7,667.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,109.08*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,597.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,085.84*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,066.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,132.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,620.70*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,597.46*	
		For Variable Air Volume, Add	*4,232.54*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,513.19*	
		For 2 Coils, Independent Circuits, Add	*4,644.00*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	44,740.10	7,593.69
		For Flat Filter Box And Throwaway Filters, Add	*3,931.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,536.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,944.98*	
		For Manual Roll Filter, Add	*18,705.24*	
		For Automatic Roll Filter, Add	*19,721.75*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,862.40*	
		For Electric Heating Coil, Add	*8,540.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,639.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,944.98*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,250.78*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,013.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,027.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,333.36*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,944.98*	
		For Variable Air Volume, Add	*4,743.74*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,634.84*	
		For 2 Coils, Independent Circuits, Add	*5,151.69*	
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	55,024.88	8,178.21
		For Flat Filter Box And Throwaway Filters, Add	*4,918.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,486.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,339.04*	
		For Manual Roll Filter, Add	*23,707.90*	
		For Automatic Roll Filter, Add	*25,008.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,837.11*	
		For Electric Heating Coil, Add	*10,704.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,506.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,339.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,171.73*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,420.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*22,840.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,673.67*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,339.04*	
		For Variable Air Volume, Add	*6,068.47*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,778.77*	
		For 2 Coils, Independent Circuits, Add	*6,369.41*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	61,460.90	8,729.03
		For Flat Filter Box And Throwaway Filters, Add	*5,523.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,672.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,396.11*	
		For Manual Roll Filter, Add	*26,726.12*	
		For Automatic Roll Filter, Add	*28,196.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,046.10*	
		For Electric Heating Coil, Add	*12,026.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,846.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,396.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,946.11*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,873.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,746.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,296.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,396.11*	
		For Variable Air Volume, Add	*6,860.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,634.12*	
		For 2 Coils, Independent Circuits, Add	*7,126.09*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	67,329.65	9,399.88
		For Flat Filter Box And Throwaway Filters, Add	*6,061.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,721.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,209.95*	
		For Manual Roll Filter, Add	*29,374.30*	
		For Automatic Roll Filter, Add	*30,991.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,123.76*	
		For Electric Heating Coil, Add	*13,201.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,905.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,209.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,514.55*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,148.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,296.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,600.74*	
		For Hot Water Heating Coil, Copper Fins, Add	*20,209.95*	
		For Variable Air Volume, Add	*7,547.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,778.26*	
		For 2 Coils, Independent Circuits, Add	*7,811.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	73,869.55	10,326.44
		For Flat Filter Box And Throwaway Filters, Add	*6,657.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,878.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,208.70*	
		For Manual Roll Filter, Add	*32,287.48*	
		For Automatic Roll Filter, Add	*34,066.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,315.65*	
		For Electric Heating Coil, Add	*14,501.39*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,173.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,208.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,244.35*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,550.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*31,101.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*28,137.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*22,208.70*	
		For Variable Air Volume, Add	*8,300.17*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,952.39*	
		For 2 Coils, Independent Circuits, Add	*8,572.69*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	79,497.79	10,827.18
		For Flat Filter Box And Throwaway Filters, Add	*7,176.78*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,889.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,959.22*	
		For Manual Roll Filter, Add	*34,845.64*	
		For Automatic Roll Filter, Add	*36,766.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,353.56*	
		For Electric Heating Coil, Add	*15,634.31*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,161.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,959.22*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,757.33*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,782.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,564.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,363.00*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,959.22*	
		For Variable Air Volume, Add	*8,965.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,084.00*	
		For 2 Coils, Independent Circuits, Add	*9,230.53*	
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	85,743.67	11,582.43
		For Flat Filter Box And Throwaway Filters, Add	*7,744.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,990.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,859.85*	
		For Manual Roll Filter, Add	*37,613.98*	
		For Automatic Roll Filter, Add	*39,688.24*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,488.56*	
		For Electric Heating Coil, Add	*16,871.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,316.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,859.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,402.76*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,115.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,231.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,774.05*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,859.85*	
		For Variable Air Volume, Add	*9,679.87*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,905.22*	
		For 2 Coils, Independent Circuits, Add	*9,957.21*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	92,544.09	12,505.79
		For Flat Filter Box And Throwaway Filters, Add	*8,361.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,186.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,923.91*	
		For Manual Roll Filter, Add	*40,619.17*	
		For Automatic Roll Filter, Add	*42,859.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,722.21*	
		For Electric Heating Coil, Add	*18,215.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,657.81*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,923.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,190.01*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*19,562.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,125.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,391.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,923.91*	
		For Variable Air Volume, Add	*10,454.92*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,063.26*	
		For 2 Coils, Independent Circuits, Add	*10,747.97*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,410.17	13,093.18
		For Flat Filter Box And Throwaway Filters, Add	*8,707.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,854.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,076.14*	
		For Manual Roll Filter, Add	*42,292.03*	
		For Automatic Roll Filter, Add	*44,624.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,415.07*	
		For Electric Heating Coil, Add	*18,969.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*32,963.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,076.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,189.12*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,368.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*40,737.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,850.20*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,076.14*	
		For Variable Air Volume, Add	*10,883.67*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,163.71*	
		For 2 Coils, Independent Circuits, Add	*11,195.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	100,054.44	13,596.77
		For Flat Filter Box And Throwaway Filters, Add	*9,035.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,487.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,166.93*	
		For Manual Roll Filter, Add	*43,876.75*	
		For Automatic Roll Filter, Add	*46,296.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,070.04*	
		For Electric Heating Coil, Add	*19,682.96*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*34,199.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,166.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,134.64*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*21,131.91*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*42,263.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,231.53*	
		For Hot Water Heating Coil, Copper Fins, Add	*30,166.93*	
		For Variable Air Volume, Add	*11,290.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,256.06*	
		For 2 Coils, Independent Circuits, Add	*11,618.36*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	107,876.44	14,520.01
		For Flat Filter Box And Throwaway Filters, Add	*9,750.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,877.52*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,568.73*	
		For Manual Roll Filter, Add	*47,379.87*	
		For Automatic Roll Filter, Add	*49,993.60*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,500.08*	
		For Electric Heating Coil, Add	*21,242.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,924.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,568.73*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,212.51*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,818.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,637.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,281.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,568.73*	
		For Variable Air Volume, Add	*12,197.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,424.01*	
		For 2 Coils, Independent Circuits, Add	*12,530.13*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	118,005.30	15,527.18
		For Flat Filter Box And Throwaway Filters, Add	*10,690.34*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,714.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,750.89*	
		For Manual Roll Filter, Add	*52,037.13*	
		For Automatic Roll Filter, Add	*54,911.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,380.67*	
		For Electric Heating Coil, Add	*23,296.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,540.96*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,750.89*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,960.82*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*25,060.55*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*50,121.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*45,331.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*35,750.89*	
		For Variable Air Volume, Add	*13,412.20*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,120.39*	
		For 2 Coils, Independent Circuits, Add	*13,716.56*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	129,361.77	16,786.13
		For Flat Filter Box And Throwaway Filters, Add	*11,737.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,754.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,281.57*	
		For Manual Roll Filter, Add	*57,196.44*	
		For Automatic Roll Filter, Add	*60,357.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*23,474.34*	
		For Electric Heating Coil, Add	*25,581.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*44,550.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,281.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*34,012.49*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*27,544.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*55,088.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,819.73*	
		For Hot Water Heating Coil, Copper Fins, Add	*39,281.57*	
		For Variable Air Volume, Add	*14,753.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,298.02*	
		For 2 Coils, Independent Circuits, Add	*15,043.81*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	142,008.69	18,212.96
		For Flat Filter Box And Throwaway Filters, Add	*12,897.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*25,013.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*43,186.69*	
		For Manual Roll Filter, Add	*62,897.06*	
		For Automatic Roll Filter, Add	*66,375.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*25,795.20*	
		For Electric Heating Coil, Add	*28,114.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*48,983.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,186.69*	
		For Steam Heating Coil, Aluminum Fins, Add	*37,389.53*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*30,289.09*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*60,578.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,781.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*43,186.69*	
		For Variable Air Volume, Add	*16,232.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,506.54*	
		For 2 Coils, Independent Circuits, Add	*16,519.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0049		Multi-Zone Units *(23 73 13)* Note: Horizontal/vertical blow-thru fan, motor and cabinet.		
23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,439.52	1,510.51
		For Economizer, Panel, Controls And Damper(s), Add	*2,150.22*	
		For Flat Filter Box And Throwaway Filters, Add	*736.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,407.43*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,786.26*	
		For Manual Roll Filter, Add	*3,670.88*	
		For Automatic Roll Filter, Add	*3,670.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*843.95*	
		For Electric Heating Coil, Add	*969.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,042.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,042.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,670.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,670.88*	
		For 2 Coils, Independent Circuits, Add	*969.59*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,516.83	1,892.39
		For Economizer, Panel, Controls And Damper(s), Add	*2,532.46*	
		For Flat Filter Box And Throwaway Filters, Add	*916.51*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,751.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,223.68*	
		For Manual Roll Filter, Add	*4,567.67*	
		For Automatic Roll Filter, Add	*4,567.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,051.68*	
		For Electric Heating Coil, Add	*1,207.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,786.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,786.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,567.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,567.67*	
		For 2 Coils, Independent Circuits, Add	*1,207.95*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,006.87	2,014.09
		For Economizer, Panel, Controls And Damper(s), Add	*2,653.94*	
		For Flat Filter Box And Throwaway Filters, Add	*1,156.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,227.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,820.16*	
		For Manual Roll Filter, Add	*5,859.11*	
		For Automatic Roll Filter, Add	*5,859.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,300.69*	
		For Electric Heating Coil, Add	*1,503.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,846.12*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,846.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,859.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,859.11*	
		For 2 Coils, Independent Circuits, Add	*1,503.28*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,524.24	2,156.78
		For Economizer, Panel, Controls And Damper(s), Add	*2,796.22*	
		For Flat Filter Box And Throwaway Filters, Add	*1,198.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,304.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,919.01*	
		For Manual Roll Filter, Add	*6,052.19*	
		For Automatic Roll Filter, Add	*6,052.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,352.42*	
		For Electric Heating Coil, Add	*1,561.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,007.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,007.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,052.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,052.19*	
		For 2 Coils, Independent Circuits, Add	*1,561.30*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,827.91	2,312.05
		For Economizer, Panel, Controls And Damper(s), Add	*2,952.14*	
		For Flat Filter Box And Throwaway Filters, Add	*1,417.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,736.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,461.52*	
		For Manual Roll Filter, Add	*7,218.98*	
		For Automatic Roll Filter, Add	*7,218.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,582.79*	
		For Electric Heating Coil, Add	*1,833.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,966.49*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,966.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,218.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,218.98*	
		For 2 Coils, Independent Circuits, Add	*1,833.29*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,689.97	2,475.95
		For Economizer, Panel, Controls And Damper(s), Add	*3,115.83*	
		For Flat Filter Box And Throwaway Filters, Add	*1,492.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,878.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,641.96*	
		For Manual Roll Filter, Add	*7,587.88*	
		For Automatic Roll Filter, Add	*7,587.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,669.00*	
		For Electric Heating Coil, Add	*1,932.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,272.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,272.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,587.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,587.88*	
		For 2 Coils, Independent Circuits, Add	*1,932.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,596.95	2,643.69
		For Economizer, Panel, Controls And Damper(s), Add	*3,283.49*	
		For Flat Filter Box And Throwaway Filters, Add	*1,570.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,028.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,832.78*	
		For Manual Roll Filter, Add	*7,978.94*	
		For Automatic Roll Filter, Add	*7,978.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,759.70*	
		For Electric Heating Coil, Add	*2,036.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,596.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,596.88*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,978.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,978.94*	
		For 2 Coils, Independent Circuits, Add	*2,036.11*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,631.24	2,836.86
		For Economizer, Panel, Controls And Damper(s), Add	*2,974.13*	
		For Flat Filter Box And Throwaway Filters, Add	*1,760.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,400.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,301.23*	
		For Manual Roll Filter, Add	*8,977.44*	
		For Automatic Roll Filter, Add	*8,977.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,963.12*	
		For Electric Heating Coil, Add	*2,274.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,418.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,418.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,977.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,977.44*	
		For 2 Coils, Independent Circuits, Add	*2,274.87*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,458.93	3,038.05
		For Economizer, Panel, Controls And Damper(s), Add	*3,137.17*	
		For Flat Filter Box And Throwaway Filters, Add	*1,928.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,727.55*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,713.69*	
		For Manual Roll Filter, Add	*9,849.27*	
		For Automatic Roll Filter, Add	*9,849.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,145.89*	
		For Electric Heating Coil, Add	*2,488.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,137.41*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,137.41*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,849.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,849.27*	
		For 2 Coils, Independent Circuits, Add	*2,488.27*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,685.85	3,244.76
		For Economizer, Panel, Controls And Damper(s), Add	*3,293.71*	
		For Flat Filter Box And Throwaway Filters, Add	*2,037.34*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,935.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,977.72*	
		For Manual Roll Filter, Add	*10,396.00*	
		For Automatic Roll Filter, Add	*10,396.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,268.59*	
		For Electric Heating Coil, Add	*2,629.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,589.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,589.91*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,396.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,396.00*	
		For 2 Coils, Independent Circuits, Add	*2,629.80*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	25,017.92	3,466.58
		For Economizer, Panel, Controls And Damper(s), Add	*3,475.02*	
		For Flat Filter Box And Throwaway Filters, Add	*2,254.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,359.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,511.29*	
		For Manual Roll Filter, Add	*11,530.29*	
		For Automatic Roll Filter, Add	*11,530.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,501.79*	
		For Electric Heating Coil, Add	*2,903.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,523.96*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,523.96*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,530.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,530.29*	
		For 2 Coils, Independent Circuits, Add	*2,903.06*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,619.24	3,709.98
		For Economizer, Panel, Controls And Damper(s), Add	*3,664.72*	
		For Flat Filter Box And Throwaway Filters, Add	*2,396.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,634.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,859.89*	
		For Manual Roll Filter, Add	*12,255.81*	
		For Automatic Roll Filter, Add	*12,255.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,661.92*	
		For Electric Heating Coil, Add	*3,088.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,123.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,123.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,255.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,255.81*	
		For 2 Coils, Independent Circuits, Add	*3,088.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,190.59	4,028.67
		For Economizer, Panel, Controls And Damper(s), Add	*3,912.86*	
		For Flat Filter Box And Throwaway Filters, Add	*2,631.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,090.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,435.05*	
		For Manual Roll Filter, Add	*13,467.03*	
		For Automatic Roll Filter, Add	*13,467.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,919.06*	
		For Electric Heating Coil, Add	*3,387.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,123.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,123.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,467.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,467.03*	
		For 2 Coils, Independent Circuits, Add	*3,387.86*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	31,363.94	4,339.34
		For Economizer, Panel, Controls And Damper(s), Add	*4,158.04*	
		For Flat Filter Box And Throwaway Filters, Add	*2,826.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,467.25*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,911.52*	
		For Manual Roll Filter, Add	*14,461.77*	
		For Automatic Roll Filter, Add	*14,461.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,136.39*	
		For Electric Heating Coil, Add	*3,639.74*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,945.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,945.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,461.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,461.77*	
		For 2 Coils, Independent Circuits, Add	*3,639.74*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,916.64	4,691.72
		For Economizer, Panel, Controls And Damper(s), Add	*3,615.61*	
		For Flat Filter Box And Throwaway Filters, Add	*2,957.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,713.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,225.81*	
		For Manual Roll Filter, Add	*15,094.09*	
		For Automatic Roll Filter, Add	*15,094.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,291.66*	
		For Electric Heating Coil, Add	*3,816.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,471.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,471.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,094.09*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,094.09*	
		For 2 Coils, Independent Circuits, Add	*3,816.22*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	36,523.96	5,060.78
		For Economizer, Panel, Controls And Damper(s), Add	*3,833.54*	
		For Flat Filter Box And Throwaway Filters, Add	*3,290.70*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,364.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,045.91*	
		For Manual Roll Filter, Add	*16,832.95*	
		For Automatic Roll Filter, Add	*16,832.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,652.40*	
		For Electric Heating Coil, Add	*4,238.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,903.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,903.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,832.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,832.95*	
		For 2 Coils, Independent Circuits, Add	*4,238.20*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,462.75	5,455.26
		For Economizer, Panel, Controls And Damper(s), Add	*4,059.38*	
		For Flat Filter Box And Throwaway Filters, Add	*3,456.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,678.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,445.92*	
		For Manual Roll Filter, Add	*17,645.21*	
		For Automatic Roll Filter, Add	*17,645.21*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,846.28*	
		For Electric Heating Coil, Add	*4,459.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,578.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,578.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,645.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,645.21*	
		For 2 Coils, Independent Circuits, Add	*4,459.56*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,609.67	5,908.72
		For Economizer, Panel, Controls And Damper(s), Add	*4,305.64*	
		For Flat Filter Box And Throwaway Filters, Add	*3,640.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,028.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,890.30*	
		For Manual Roll Filter, Add	*18,548.97*	
		For Automatic Roll Filter, Add	*18,548.97*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,060.97*	
		For Electric Heating Coil, Add	*4,704.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,329.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,329.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,548.97*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,548.97*	
		For 2 Coils, Independent Circuits, Add	*4,704.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	42,923.29	6,378.37
		For Economizer, Panel, Controls And Damper(s), Add	*3,915.39*	
		For Flat Filter Box And Throwaway Filters, Add	*3,836.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,399.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,363.13*	
		For Manual Roll Filter, Add	*19,504.73*	
		For Automatic Roll Filter, Add	*19,504.73*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,292.33*	
		For Electric Heating Coil, Add	*4,968.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,124.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,124.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,504.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,504.73*	
		For 2 Coils, Independent Circuits, Add	*4,968.44*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	44,132.00	6,622.13
		For Economizer, Panel, Controls And Damper(s), Add	*4,024.75*	
		For Flat Filter Box And Throwaway Filters, Add	*3,939.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,593.68*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,610.63*	
		For Manual Roll Filter, Add	*20,005.48*	
		For Automatic Roll Filter, Add	*20,005.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,413.20*	
		For Electric Heating Coil, Add	*5,106.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,540.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,540.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,005.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,005.48*	
		For 2 Coils, Independent Circuits, Add	*5,106.19*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	45,285.93	6,858.46
		For Economizer, Panel, Controls And Damper(s), Add	*4,117.68*	
		For Flat Filter Box And Throwaway Filters, Add	*4,038.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,784.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,852.64*	
		For Manual Roll Filter, Add	*20,500.74*	
		For Automatic Roll Filter, Add	*20,500.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,528.59*	
		For Electric Heating Coil, Add	*5,238.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,951.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,951.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,500.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,500.74*	
		For 2 Coils, Independent Circuits, Add	*5,238.47*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	51,209.28	7,134.11
		For Economizer, Panel, Controls And Damper(s), Add	*3,443.77*	
		For Flat Filter Box And Throwaway Filters, Add	*4,609.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,913.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,269.50*	
		For Manual Roll Filter, Add	*23,566.63*	
		For Automatic Roll Filter, Add	*23,566.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,120.93*	
		For Electric Heating Coil, Add	*5,940.74*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,467.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,467.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,566.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,566.63*	
		For 2 Coils, Independent Circuits, Add	*5,940.74*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	57,087.54	7,416.71
		For Economizer, Panel, Controls And Damper(s), Add	*3,590.05*	
		For Flat Filter Box And Throwaway Filters, Add	*5,178.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,039.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,681.84*	
		For Manual Roll Filter, Add	*26,628.02*	
		For Automatic Roll Filter, Add	*26,628.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,708.75*	
		For Electric Heating Coil, Add	*6,638.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*21,979.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,979.30*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*26,628.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,628.02*	
		For 2 Coils, Independent Circuits, Add	*6,638.50*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	65,662.46	7,696.44
		For Economizer, Panel, Controls And Damper(s), Add	*3,658.06*	
		For Flat Filter Box And Throwaway Filters, Add	*6,016.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,703.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,767.28*	
		For Manual Roll Filter, Add	*31,169.35*	
		For Automatic Roll Filter, Add	*31,169.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,566.25*	
		For Electric Heating Coil, Add	*7,659.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,702.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,702.00*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*31,169.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*31,169.35*	
		For 2 Coils, Independent Circuits, Add	*7,659.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	74,242.88	7,973.41
		For Economizer, Panel, Controls And Damper(s), Add	*3,727.03*	
		For Flat Filter Box And Throwaway Filters, Add	*6,855.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,368.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,853.27*	
		For Manual Roll Filter, Add	*35,711.23*	
		For Automatic Roll Filter, Add	*35,711.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,424.29*	
		For Electric Heating Coil, Add	*8,681.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,425.25*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,425.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,711.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,711.23*	
		For 2 Coils, Independent Circuits, Add	*8,681.49*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	83,373.36	8,644.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,895.69*	
		For Flat Filter Box And Throwaway Filters, Add	*7,720.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,518.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,991.32*	
		For Manual Roll Filter, Add	*29,645.30*	
		For Automatic Roll Filter, Add	*36,747.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,337.34*	
		For Electric Heating Coil, Add	*9,757.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,645.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,645.30*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,439.99*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,747.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,747.96*	
		For 2 Coils, Independent Circuits, Add	*9,757.87*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	89,917.91	9,400.24
		For Economizer, Panel, Controls And Damper(s), Add	*3,768.29*	
		For Flat Filter Box And Throwaway Filters, Add	*8,324.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,419.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,476.18*	
		For Manual Roll Filter, Add	*31,960.58*	
		For Automatic Roll Filter, Add	*39,616.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,991.79*	
		For Electric Heating Coil, Add	*10,523.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,960.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,960.58*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,648.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,616.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,616.84*	
		For 2 Coils, Independent Circuits, Add	*10,523.04*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	107,321.64	10,155.25
		For Economizer, Panel, Controls And Damper(s), Add	*3,940.63*	
		For Flat Filter Box And Throwaway Filters, Add	*10,006.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,937.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,654.78*	
		For Manual Roll Filter, Add	*38,577.40*	
		For Automatic Roll Filter, Add	*47,859.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,732.16*	
		For Electric Heating Coil, Add	*12,588.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*38,577.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*38,577.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,013.91*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*47,859.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*47,859.15*	
		For 2 Coils, Independent Circuits, Add	*12,588.51*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	121,341.14	10,994.92
		For Economizer, Panel, Controls And Damper(s), Add	*4,117.71*	
		For Flat Filter Box And Throwaway Filters, Add	*11,349.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,946.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,982.58*	
		For Manual Roll Filter, Add	*43,831.04*	
		For Automatic Roll Filter, Add	*54,396.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,134.11*	
		For Electric Heating Coil, Add	*14,247.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,831.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,831.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,699.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*54,396.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,396.68*	
		For 2 Coils, Independent Circuits, Add	*14,247.24*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	131,522.31	11,834.59
		For Economizer, Panel, Controls And Damper(s), Add	*4,302.09*	
		For Flat Filter Box And Throwaway Filters, Add	*12,306.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,375.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,343.49*	
		For Manual Roll Filter, Add	*47,534.74*	
		For Automatic Roll Filter, Add	*58,995.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,152.23*	
		For Electric Heating Coil, Add	*15,444.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,534.74*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,534.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,613.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,995.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,995.58*	
		For 2 Coils, Independent Circuits, Add	*15,444.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	146,975.63	13,848.20
		For Economizer, Panel, Controls And Damper(s), Add	*4,300.49*	
		For Flat Filter Box And Throwaway Filters, Add	*13,709.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,465.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,779.33*	
		For Manual Roll Filter, Add	*52,861.09*	
		For Automatic Roll Filter, Add	*65,582.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,697.56*	
		For Electric Heating Coil, Add	*17,241.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,861.09*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,861.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,418.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,582.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,582.26*	
		For 2 Coils, Independent Circuits, Add	*17,241.80*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	147,714.82	14,352.15
		For Economizer, Panel, Controls And Damper(s), Add	*4,392.88*	
		For Flat Filter Box And Throwaway Filters, Add	*13,746.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,516.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,853.24*	
		For Manual Roll Filter, Add	*52,935.01*	
		For Automatic Roll Filter, Add	*65,656.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,771.48*	
		For Electric Heating Coil, Add	*17,315.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,935.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,935.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,492.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,656.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,656.18*	
		For 2 Coils, Independent Circuits, Add	*17,315.72*	
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	154,500.49	14,855.26
		For Economizer, Panel, Controls And Damper(s), Add	*4,485.28*	
		For Flat Filter Box And Throwaway Filters, Add	*14,387.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,475.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,438.78*	
		For Manual Roll Filter, Add	*55,427.52*	
		For Automatic Roll Filter, Add	*68,753.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,450.05*	
		For Electric Heating Coil, Add	*18,115.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,427.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,427.52*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,775.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,753.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,753.34*	
		For 2 Coils, Independent Circuits, Add	*18,115.21*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	161,638.79	15,946.83
		For Economizer, Panel, Controls And Damper(s), Add	*4,675.75*	
		For Flat Filter Box And Throwaway Filters, Add	*15,025.58*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,424.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*36,994.80*	
		For Manual Roll Filter, Add	*57,825.73*	
		For Automatic Roll Filter, Add	*71,713.01*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,163.88*	
		For Electric Heating Coil, Add	*18,941.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*57,825.73*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*57,825.73*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,051.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*71,713.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*71,713.01*	
		For 2 Coils, Independent Circuits, Add	*18,941.34*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	174,211.67	16,786.13
		For Economizer, Panel, Controls And Damper(s), Add	*4,814.26*	
		For Flat Filter Box And Throwaway Filters, Add	*16,227.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*24,221.82*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,971.80*	
		For Manual Roll Filter, Add	*62,522.44*	
		For Automatic Roll Filter, Add	*77,556.20*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,421.17*	
		For Electric Heating Coil, Add	*20,427.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*62,522.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*62,522.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*32,454.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*77,556.20*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*77,556.20*	
		For 2 Coils, Independent Circuits, Add	*20,427.92*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	187,290.64	17,709.38
		For Economizer, Panel, Controls And Damper(s), Add	*4,433.12*	
		For Flat Filter Box And Throwaway Filters, Add	*17,462.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*26,067.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*43,022.97*	
		For Manual Roll Filter, Add	*67,316.88*	
		For Automatic Roll Filter, Add	*83,512.82*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,729.06*	
		For Electric Heating Coil, Add	*21,968.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*67,316.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*67,316.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*34,925.00*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*83,512.82*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*83,512.82*	
		For 2 Coils, Independent Circuits, Add	*21,968.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	201,759.69	18,800.48
		For Economizer, Panel, Controls And Damper(s), Add	*4,584.35*	
		For Flat Filter Box And Throwaway Filters, Add	*18,833.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*28,116.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*46,413.39*	
		For Manual Roll Filter, Add	*72,650.81*	
		For Automatic Roll Filter, Add	*90,142.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*20,175.97*	
		For Electric Heating Coil, Add	*23,674.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*72,650.81*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*72,650.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*37,667.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*90,142.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*90,142.43*	
		For 2 Coils, Independent Circuits, Add	*23,674.29*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	216,461.31	19,304.06
		For Economizer, Panel, Controls And Damper(s), Add	*4,652.83*	
		For Flat Filter Box And Throwaway Filters, Add	*20,269.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*30,266.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*49,986.08*	
		For Manual Roll Filter, Add	*78,326.03*	
		For Automatic Roll Filter, Add	*97,219.33*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,646.13*	
		For Electric Heating Coil, Add	*25,424.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*78,326.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*78,326.03*	
		For Steam Heating Coil, Aluminum Fins, Add	*40,539.43*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*97,219.33*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*97,219.33*	
		For 2 Coils, Independent Circuits, Add	*25,424.79*	
23 73 13 00-0088		**Return/Supply Air Fan** *(23 73 13)*		
		Note: Includes vibration mounts.		
23 73 13 00-0089	EA	300 CFM Return Air Fan	3,790.22	671.32
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,923.03	805.62
23 73 13 00-0091	EA	750 CFM Return Air Fan	5,142.60	839.19
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	5,878.52	889.54
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	6,055.61	931.51
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	6,193.51	973.48
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	6,499.89	1,023.83
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	7,235.80	1,074.19
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	7,581.11	1,124.55
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	7,770.25	1,174.91
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	8,223.10	1,300.80
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	8,436.40	1,367.95
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	8,637.45	1,426.71
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	8,889.79	1,493.97
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	9,114.70	1,569.51
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	9,534.47	1,754.15
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	10,822.09	2,081.48
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	11,105.10	2,115.06
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	11,233.71	2,123.45
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	11,829.13	2,157.02
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	12,095.44	2,182.20
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	12,727.14	2,266.49
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	13,565.97	2,307.97
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	15,340.63	2,373.56
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	16,733.11	2,501.02
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	19,934.50	2,609.88
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	20,892.88	2,700.89
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	21,847.83	2,778.11
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	23,146.28	3,055.08
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	24,751.69	3,222.69
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	27,951.74	3,356.86
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	32,961.48	3,692.59
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	40,591.93	4,196.17
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	49,478.11	4,347.61
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	51,799.48	4,473.14
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	52,989.47	4,590.65
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	55,574.11	4,791.96
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	58,372.14	5,027.93
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	62,794.42	5,274.56
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	65,575.89	5,554.17
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	67,699.19	5,870.47
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	72,807.25	6,139.17
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	78,342.51	6,432.81
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	84,349.55	6,756.90
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	92,318.92	7,116.85
23 73 13 00-0134		**Removal And Reinstallation Of Air Handling Unit** *(23 73 13)*		
		Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	3,074.39	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	4,170.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	5,188.02	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	9,465.87	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,029.85	1,867.29
		For Unit Without Heat, Deduct	*-425.98*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,823.25	1,952.17
		For Unit Without Heat, Deduct	*-471.31*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,151.31	2,037.05
		For Unit Without Heat, Deduct	*-543.37*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,743.75	2,164.36
		For Unit Without Heat, Deduct	*-631.48*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,555.54	2,291.68
		For Unit Without Heat, Deduct	*-680.56*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,285.55	2,461.43
		For Unit Without Heat, Deduct	*-778.37*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,737.57	2,588.75
		For Unit Without Heat, Deduct	*-909.46*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	15,537.15	2,758.50
		For Unit Without Heat, Deduct	*-960.76*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,186.42*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	19,080.83	2,980.88
		For Unit Without Heat, Deduct	*-1,152.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,281.34*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	20,717.19	3,204.11
		For Unit Without Heat, Deduct	*-1,249.47*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	23,680.17	3,426.77
		For Unit Without Heat, Deduct	*-1,412.47*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	26,711.52	3,649.72
		For Unit Without Heat, Deduct	*-1,578.89*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	29,731.71	4,020.91
		For Unit Without Heat, Deduct	*-1,754.66*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,717.23	4,392.38
		For Unit Without Heat, Deduct	*-1,878.69*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	34,071.24	4,806.31
		For Unit Without Heat, Deduct	*-2,023.97*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	37,202.68	5,219.93
		For Unit Without Heat, Deduct	*-2,208.13*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	43,136.76	6,089.92
		For Unit Without Heat, Deduct	*-2,562.83*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	49,513.54	6,959.92
		For Unit Without Heat, Deduct	*-2,939.67*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	54,166.40	7,851.12
		For Unit Without Heat, Deduct	*-3,231.73*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	62,467.63	8,742.33
		For Unit Without Heat, Deduct	*-3,706.20*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	69,567.79	9,591.10
		For Unit Without Heat, Deduct	*-4,117.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,634.40*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	75,224.13	10,439.88
		For Unit Without Heat, Deduct	*-4,457.20*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,634.40*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	80,624.06	11,288.65
		For Unit Without Heat, Deduct	*-4,783.78*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,862.20*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	86,704.61	12,137.42
		For Unit Without Heat, Deduct	*-5,144.39*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,862.20*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	93,923.59	13,071.06
		For Unit Without Heat, Deduct	*-5,567.58*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,187.36*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	5,910.96	1,697.54
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	6,901.78	1,952.17
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	8,706.15	2,249.24
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	9,885.06	2,419.00
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	11,190.07	2,609.97
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	13,103.79	2,737.28
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	16,347.44	2,270.46
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	16,823.01	3,055.57
		For Unit Without Factory Installed Economizer, Deduct	*-1,186.42*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	21,030.37	3,310.20
		For Unit Without Factory Installed Economizer, Deduct	*-1,281.34*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	22,877.66	3,564.83
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	26,593.01	3,819.46
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	33,710.48	4,074.10
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	41,164.65	4,498.48
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	48,618.80	4,866.29
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	50,091.01	5,347.25
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	52,295.01	5,771.64
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	58,223.40	6,747.73
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	64,704.63	7,723.80
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	70,034.30	8,699.89
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	74,776.51	9,675.98
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	82,242.86	10,652.07
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,634.40*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	89,393.91	11,628.15
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,634.40*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	96,484.08	12,116.20
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,862.20*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	103,652.42	12,583.02
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,862.20*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	113,963.24	13,071.06
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,187.36*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	108,455.10	13,580.33
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,187.36*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	156,789.12	15,956.87
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,187.36*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	176,563.66	19,436.84
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,187.36*	

23 74 16 13-0056 Dedicated Outdoor Air Systems (DOAS) Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER minimum, units 5 to < 20 tons have 11 EER minimum, and units 20 tons and over have 10 EER minimum, Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 07 72 13 00-0000 for roof curbs, 23 09 23 00-0000 for controls, 26 28 16 16-0001 for disconnects.

23 74 16 13-0057 AAON RQ Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 74 16 13-0058	EA	2 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-002)	15,188.06	1,697.54
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,636.56*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,775.57*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,397.90*	
		For Factory Installed Non-Fused Disconnect, Add	*1,599.85*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0059	EA	3 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-003)	16,550.42	1,952.17
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0060	EA	4 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-004)	17,179.93	2,249.24
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0061	EA	5 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-005)	17,613.46	2,419.00
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0062	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-006)	19,271.24	2,949.53
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0063		**AAON RNA Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 74 16 13-0064	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-006)	23,365.27	2,610.03
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0065	EA	7 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-007)	24,948.67	2,737.34
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0066	EA	8 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-008)	28,662.07	2,949.53
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0067	EA	10 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-010)	28,942.54	3,055.57
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0068		**AAON RNB Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 74 16 13-0069	EA	9 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-009)	34,384.64	3,055.57
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0070	EA	11 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-011)	34,657.01	2,970.69
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0071	EA	13 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-013)	37,779.59	3,310.20
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0072	EA	15 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-015)	38,727.57	3,564.83
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0073		**AAON RNC Rooftop Units** *(23 74 16 13-0056)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0074	EA	16 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-016)	49,984.19	3,564.83
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0075	EA	18 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-018)	54,000.73	3,819.46
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0076	EA	20 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-020)	57,217.34	4,074.10
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0077	EA	25 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-025)	61,855.58	4,922.87
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0078	EA	30 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-030)	70,134.13	5,771.64
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	

23 74 16 13-0079 AAON RND Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0080	EA	26 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-026)	94,185.60	4,922.87
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0081	EA	31 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-031)	107,305.66	5,771.64
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0082	EA	40 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-040)	126,350.26	7,723.80
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0083	EA	50 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-050)	148,125.09	9,675.98
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0084	EA	60 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-060)	162,621.93	11,628.15
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0085	EA	70 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-070)	171,099.64	12,583.07
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	

23 74 16 13-0086 AAON RNE Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0087	EA	55 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-055)	158,078.84	10,652.07
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0088	EA	65 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-065)	174,101.78	12,116.25
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0089	EA	75 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-075)	185,102.53	13,071.06
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0090	EA	95 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-090)	223,880.91	17,696.86
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0091	EA	105 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-105)	242,423.21	20,200.74
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0092	EA	120 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-120)	282,785.50	22,237.78
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0093	EA	130 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-130)	289,650.14	23,595.80
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0094	EA	140 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-140)	303,453.27	26,396.76
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0095		Removal And Reinstallation Of Packaged Rooftop Air-Conditioning Units *(23 74 16 13)* Note: Includes storage and cleaning.		
23 74 16 13-0096	EA	Removal And Reinstallation Of Up To 5 Ton, Rooftop Unit	674.28	
23 74 16 13-0097	EA	Removal And Reinstallation Of >5 To 10 Ton, Rooftop Unit	919.48	
23 74 16 13-0098	EA	Removal And Reinstallation Of >10 To 15 Ton, Rooftop Unit	1,225.86	
23 74 16 13-0099	EA	Removal And Reinstallation Of >15 To 25 Ton, Rooftop Unit	1,960.73	
23 74 16 13-0100	EA	Removal And Reinstallation Of >25 To 50 Ton, Rooftop Unit	3,431.83	
23 74 16 13-0101	EA	Removal And Reinstallation Of >50 To 75 Ton, Rooftop Unit	4,903.41	
23 74 16 13-0102		Packaged Rooftop Units (Trane, Carrier Or Equal) *(23 74 16 13)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0103		Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*		
23 74 16 13-0104		Standard Efficiency Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0103)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.		
23 74 16 13-0105	EA	3 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC036)	12,295.16	1,952.17
		For Factory Installed Economizer, Add	*1,239.42*	
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0106	EA	4 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC048)	13,686.92	2,249.24
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0107	EA	5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC060)	14,937.85	2,419.00
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0108	EA	6 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC072)	16,487.67	2,610.03
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0109	EA	7.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC092)	19,301.53	2,737.34
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0110	EA	8.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC102)	20,960.20	2,949.53
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0111	EA	10 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC120)	27,738.76	3,055.57
		For Factory Installed Economizer, Add	*1,342.70*	
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0112	EA	12.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD150)	31,854.36	3,310.20
		For Economizer, Add	*2,348.82*	
		For Roof Curb, Add	*900.06*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0113	EA	15 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD180)	34,802.85	3,564.83
		For Economizer, Add	*2,348.82*	
		For Roof Curb, Add	*900.06*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0114	EA	17.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD210)	40,182.67	3,819.46
		For Economizer, Add	*2,348.82*	
		For Roof Curb, Add	*900.06*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0115	EA	20 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD240)	43,899.60	4,074.10
		For Economizer, Add	*2,348.82*	
		For Roof Curb, Add	*900.06*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0116	EA	25 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD300)	50,647.92	4,922.87
		For Economizer, Add	*2,348.82*	
		For Roof Curb, Add	*900.06*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0117	EA	27.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD330)	55,254.28	5,347.25
		For Factory Installed BACnet, Add	*1,004.45*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*5,260.84*	
		For Roof Curb, Add	*1,581.10*	
23 74 16 13-0118	EA	30 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD360)	58,241.12	5,771.64
		For Factory Installed BACnet, Add	*1,004.45*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*5,260.84*	
		For Roof Curb, Add	*1,581.10*	
23 74 16 13-0119	EA	35 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD420)	65,369.92	6,747.73
		For Factory Installed BACnet, Add	*1,004.45*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*5,260.84*	
		For Roof Curb, Add	*1,581.10*	
23 74 16 13-0120	EA	40 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD480)	71,238.63	7,723.80
		For Factory Installed BACnet, Add	*1,004.45*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*5,260.84*	
		For Roof Curb, Add	*1,803.53*	
23 74 16 13-0121	EA	50 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD600)	82,998.76	9,675.98
		For Factory Installed BACnet, Add	*1,004.45*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*5,260.84*	
		For Roof Curb, Add	*1,803.53*	
23 74 16 13-0122	EA	55 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF554)	120,542.93	10,652.07
		For Economizer And Powered Exhaust, Add	*14,255.62*	
		For Roof Curb, Add	*2,862.22*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
23 74 16 13-0123	EA	60 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF604)	129,791.12	11,628.15
		For Economizer And Powered Exhaust, Add	*16,142.33*	
		For Roof Curb, Add	*3,187.40*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
23 74 16 13-0124	EA	70 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF704)	145,718.34	12,583.07
		For Economizer And Powered Exhaust, Add	*16,756.57*	
		For Roof Curb, Add	*3,187.40*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
23 74 16 13-0125	EA	75 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF754)	157,844.03	13,071.06
		For Roof Curb, Add	*3,187.40*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*17,484.42*	
23 74 16 13-0126	EA	90 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHKC904)	190,297.61	15,956.87
		Note: Includes economizer, powered exhaust and roof curb.		
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
23 74 16 13-0127	EA	105 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHKD114)	207,119.12	20,200.74
		Note: Includes economizer, powered exhaust and roof curb.		
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0128		High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0103)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0129	EA	3 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC036)	13,137.97	1,952.17
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0130	EA	4 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC048)	14,885.03	2,249.24
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0131	EA	5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC060)	16,292.95	2,419.00
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0132	EA	6 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC072)	17,809.72	2,610.03
		For Roof Curb, Add	*799.60*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0133	EA	7.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC092)	25,732.05	2,737.34
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0134	EA	8.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC102)	27,597.29	2,949.53
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0135	EA	10 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC120)	30,073.00	3,055.57
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,186.44*	
23 74 16 13-0136	EA	12.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD150)	34,711.22	3,310.20
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,281.34*	
23 74 16 13-0137	EA	15 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD180)	38,847.39	3,564.83
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0138	EA	17.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD210)	45,190.65	3,819.46
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0139	EA	20 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD240)	49,787.87	4,074.10
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0140	EA	25 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD300)	64,021.27	4,922.87
		For Roof Curb, Add	*959.53*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0141	EA	30 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF304)	74,822.50	5,771.64
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*7,545.80*	
		For Roof Curb, Add	*1,397.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0142	EA	40 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF404)	90,746.68	7,723.80
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*8,492.89*	
		For Roof Curb, Add	*2,119.72*	
23 74 16 13-0143	EA	50 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF504)	112,801.65	9,675.98
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Economizer And Powered Exhaust, Add	*12,452.68*	
		For Roof Curb, Add	*2,119.72*	
23 74 16 13-0144	EA	55 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF554)	125,190.96	10,652.07
		For Economizer And Powered Exhaust, Add	*14,255.62*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Roof Curb, Add	*2,634.46*	
23 74 16 13-0145	EA	60 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF604)	132,971.47	11,628.15
		For Economizer And Powered Exhaust, Add	*16,142.33*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Roof Curb, Add	*2,634.46*	
23 74 16 13-0146	EA	70 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF704)	148,946.62	12,583.07
		For Economizer And Powered Exhaust, Add	*16,756.57*	
		For Roof Curb, Add	*2,862.22*	
		For Factory Installed BACnet, Add	*1,387.04*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	

23 74 16 13-0147 Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0148	EA	3 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC036E)	9,431.43	1,756.96
		For Roof Curb, Add	*799.60*	
		For Factory Installed Economizer, Add	*1,136.67*	
		For Factory Installed BACnet, Add	*2,265.70*	
		For Demand Control Ventilation, Add	*2,506.67*	
23 74 16 13-0149	EA	4 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC048F)	10,541.41	2,024.38
		For Roof Curb, Add	*799.60*	
		For Factory Installed Economizer, Add	*1,136.67*	
		For Factory Installed BACnet, Add	*2,705.29*	
		For Demand Control Ventilation, Add	*2,506.67*	
23 74 16 13-0150	EA	5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC060E)	11,516.91	2,177.15
		For Roof Curb, Add	*799.60*	
		For Factory Installed Economizer, Add	*1,136.67*	
		For Factory Installed BACnet, Add	*2,705.29*	
		For Demand Control Ventilation, Add	*2,506.67*	
23 74 16 13-0151	EA	6 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC072F)	12,887.32	2,348.94
		For Roof Curb, Add	*799.60*	
		For Factory Installed Economizer, Add	*1,136.67*	
		For Factory Installed BACnet, Add	*2,705.29*	
		For Demand Control Ventilation, Add	*2,506.67*	
23 74 16 13-0152	EA	7.5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC090F)	15,039.99	2,463.58
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*1,160.16*	
		For Factory Installed BACnet, Add	*2,904.75*	
		For Demand Control Ventilation, Add	*2,563.66*	
23 74 16 13-0153	EA	8.5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC102F)	16,348.99	2,654.50
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*1,160.16*	
		For Factory Installed BACnet, Add	*2,904.75*	
		For Demand Control Ventilation, Add	*2,563.66*	
23 74 16 13-0154	EA	10 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC120F)	17,932.11	2,750.02
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*1,186.44*	
		For Factory Installed BACnet, Add	*2,904.75*	
		For Demand Control Ventilation, Add	*2,563.66*	
23 74 16 13-0155	EA	12.5 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*150F)	20,066.56	2,979.18
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*1,281.34*	
		For Factory Installed BACnet, Add	*3,873.00*	
		For Demand Control Ventilation, Add	*3,135.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0156	EA	15 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*180F)	22,630.81	3,208.35
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Factory Installed BACnet, Add	*3,873.00*	
		For Demand Control Ventilation, Add	*3,135.53*	
23 74 16 13-0157	EA	17.5 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*210F)	27,939.56	3,437.52
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Factory Installed BACnet, Add	*3,873.00*	
		For Demand Control Ventilation, Add	*3,135.53*	
23 74 16 13-0158	EA	20 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager TH*240)	31,548.79	3,666.69
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Factory Installed BACnet, Add	*5,406.05*	
		For Demand Control Ventilation, Add	*3,135.53*	
23 74 16 13-0159	EA	25 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager TH*300)	37,140.48	4,430.58
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*959.53*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Factory Installed BACnet, Add	*5,406.05*	
		For Demand Control Ventilation, Add	*3,543.43*	
23 74 16 13-0160	EA	55 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*55)	109,104.00	9,586.92
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Roof Curb, Add	*2,634.46*	
		For Demand Control Ventilation, Add	*5,001.25*	
		For Factory Installed BACnet, Add	*14,200.99*	
23 74 16 13-0161	EA	60 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*60)	119,031.81	10,465.33
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Roof Curb, Add	*2,634.46*	
		For Demand Control Ventilation, Add	*5,001.25*	
		For Factory Installed BACnet, Add	*14,200.99*	
23 74 16 13-0162	EA	70 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*70)	131,574.12	11,324.75
		For Roof Curb, Add	*2,862.22*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*2,133.90*	
		For Factory Installed Economizer, Add	*2,422.14*	
		For Demand Control Ventilation, Add	*8,228.44*	
		For Factory Installed BACnet, Add	*14,200.99*	

23 74 16 13-0163 Cooling Only DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0164 High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0163)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0165	EA	3 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC036)	8,483.79	1,756.96
		For Roof Curb, Add	*799.60*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0166	EA	4 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC048)	9,651.50	2,024.38
		For Roof Curb, Add	*799.60*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0167	EA	5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC060)	10,553.84	2,177.15
		For Roof Curb, Add	*799.60*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0168	EA	6 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC072)	11,432.00	2,348.94
		For Roof Curb, Add	*799.60*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0169	EA	7.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC092)	15,240.18	2,463.58
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0170	EA	8.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC102)	16,333.89	2,654.50
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0171	EA	10 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC120)	17,747.08	2,750.02
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,186.44*	
23 74 16 13-0172	EA	12.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD150)	21,846.07	2,979.18
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,553.41*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,281.34*	
23 74 16 13-0173	EA	15 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD180)	23,177.18	3,208.35
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,553.41*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0174	EA	17.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD210)	27,197.47	3,437.52
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,793.03*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0175	EA	20 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD240)	29,512.95	3,666.69
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,793.03*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0176	EA	25 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD300)	32,524.46	4,430.58
		For Roof Curb, Add	*959.53*	
		For Factory Installed Electric Heat, Add	*1,793.03*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	

23 74 16 13-0177 Heat Pump Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0178 Standard Efficiency Heat Pump Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0177)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 74 16 13-0179	EA	3 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC036)	9,232.92	1,756.96
		For Roof Curb, Add	*799.60*	
		For High Efficiency, Add	*844.06*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0180	EA	4 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC048)	10,219.86	2,024.38
		For Roof Curb, Add	*799.60*	
		For High Efficiency, Add	*921.29*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0181	EA	5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC060)	11,227.75	2,177.15
		For Roof Curb, Add	*799.60*	
		For High Efficiency, Add	*1,019.81*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0182	EA	6 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC072)	12,261.13	2,348.94
		For Roof Curb, Add	*799.60*	
		For High Efficiency, Add	*1,118.32*	
		For Factory Installed Electric Heat, Add	*1,107.22*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,136.67*	
23 74 16 13-0183	EA	7.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC090)	13,811.71	2,463.58
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*1,289.55*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0184	EA	8.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC102)	16,449.98	2,654.50
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*1,581.55*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,160.16*	
23 74 16 13-0185	EA	10 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC120)	18,960.93	2,750.02
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*1,873.54*	
		For Factory Installed Electric Heat, Add	*1,344.77*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*1,820.39*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,186.44*	
23 74 16 13-0186	EA	12.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD150)	23,692.86	2,979.18
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*2,415.78*	
		For Factory Installed Electric Heat, Add	*1,553.41*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,281.34*	
23 74 16 13-0187	EA	15 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD180)	25,863.48	3,208.35
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*2,644.25*	
		For Factory Installed Electric Heat, Add	*1,553.41*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	
23 74 16 13-0188	EA	20 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD240)	34,129.48	3,666.69
		For Roof Curb, Add	*959.53*	
		For High Efficiency, Add	*3,581.97*	
		For Factory Installed Electric Heat, Add	*1,793.03*	
		For Factory Installed BACnet, Add	*1,004.45*	
		For Demand Control Ventilation, Add	*2,247.17*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,422.14*	

23 74 16 13-0189 Trane Curb Adapters *(23 74 16 13)*

Note: All adapter selections assume the existing unit rests on a factory standard curb. The new unit reference is based on current Trane units, Precedent and Voyager II models only. The existing unit reference is based on Trane, Carrier, York or Lennox units only. Non-standard L-shape and/or duct shroud configurations were not considered. Trane Intellipak or Voyager III footprints are not considered. Some units have larger than normal sizes or multiple footprints possible, which were not considered. Step-sized replacements (installing new unit that is either larger or smaller capacity than existing) are not considered.

23 74 16 13-0190	EA	3 To 5 Ton, Trane Curb Adapter	1,637.25
23 74 16 13-0191	EA	6 To 7-1/2 Ton, Trane Curb Adapter	2,139.48
23 74 16 13-0192	EA	8-1/2 To 10 Ton, Trane Curb Adapter	2,239.92
23 74 16 13-0193	EA	12-1/2 Ton, Standard Efficiency, Trane Curb Adapter	2,450.86
23 74 16 13-0194	EA	12-1/2 Ton, High Efficiency, Trane Curb Adapter	2,501.08
23 74 16 13-0195	EA	15 Ton, Trane Curb Adapter	2,742.15
23 74 16 13-0196	EA	17-1/2 Ton, Trane Curb Adapter	2,762.24
23 74 16 13-0197	EA	20 Ton, Trane Curb Adapter	3,083.66
23 74 16 13-0198	EA	25 Ton, Trane Curb Adapter	3,515.58

23 74 16 13-0199 Condenser Coil Guards *(23 74 16 13)*

23 74 16 13-0200	EA	Condenser Coil Guard (Trane BAYGARD058A) Note: Coil Guard for TTA/TWA061, TTA/TWA073, TTA/TWA076 and CTA/TTA/TWA090 Condenser Coils.	1,138.52	91.93
23 74 16 13-0201	EA	Condenser Coil Guard (Trane BAYGARD059A) Note: Coil Guard for TTA086, TTA101 and CTA/TTA120 Condenser Coils.	1,446.74	107.27
23 74 16 13-0202	EA	Condenser Coil Guard (Trane BAYGARD060A) Note: Coil Guard for TWA101, TWA120, TTA126 and TTA150 Condenser Coils.	1,545.08	122.59
23 74 16 13-0203	EA	Condenser Coil Guard (Trane BAYGARD061A) Note: Coil Guard for TTA/TWA156, CTA/TTA/TWA180, TTA/TWA201 and TTA/TWA240 Condenser Coils.	2,059.79	137.91
23 74 16 13-0204	EA	Condenser Coil Guard (Trane BAYGARD062A) Note: Coil Guard for TTA300 and TTA251 Split-System Air Conditioners.	2,286.79	153.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 74 16 13-0205 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0206 Packaged Rooftop Heat Pump Units *(23 74 16 13-0205)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 13-0207	EA	2 Ton Packaged Rooftop Heat Pump	7,111.29	1,527.78
		For Economizer With Outside Air Control, Add	*2,084.12*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.71*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0208	EA	2.5 Ton Packaged Rooftop Heat Pump	7,487.10	1,642.43
		For Economizer With Outside Air Control, Add	*2,207.34*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*264.86*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0209	EA	3 Ton Packaged Rooftop Heat Pump	7,918.69	1,756.96
		For Economizer With Outside Air Control, Add	*2,342.28*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*278.80*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0210	EA	3.5 Ton Packaged Rooftop Heat Pump	8,497.48	1,890.60
		For Economizer With Outside Air Control, Add	*2,276.45*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*298.83*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0211	EA	4 Ton Packaged Rooftop Heat Pump	9,076.54	2,024.38
		For Economizer With Outside Air Control, Add	*2,433.71*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*318.87*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0212	EA	5 Ton Packaged Rooftop Heat Pump	9,728.16	2,177.15
		For Economizer With Outside Air Control, Add	*2,611.71*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*273.01*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0213	EA	6 Ton Packaged Rooftop Heat Pump	10,946.18	2,348.94
		For Economizer With Outside Air Control, Add	*2,894.40*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*234.43*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0214	EA	7.5 Ton Packaged Rooftop Heat Pump	14,083.70	2,463.58
		For Economizer With Outside Air Control, Add	*2,938.25*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*323.97*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0215	EA	8.5 Ton Packaged Rooftop Heat Pump	15,754.33	2,654.50
		For Economizer With Outside Air Control, Add	*3,113.33*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*366.45*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0216	EA	10 Ton Packaged Rooftop Heat Pump	16,940.36	2,750.02
		For Economizer With Outside Air Control, Add	*3,160.71*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*265.47*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0217	EA	12.5 Ton Packaged Rooftop Heat Pump	19,654.97	2,979.18
		For Economizer With Outside Air Control, Add	*3,554.39*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*313.65*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0218	EA	15 Ton Packaged Rooftop Heat Pump	22,369.60	3,208.35
		For Economizer With Outside Air Control, Add	*3,948.08*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*361.84*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0219	EA	17.5 Ton Packaged Rooftop Heat Pump	25,055.66	3,437.52
		For Economizer With Outside Air Control, Add	*4,338.91*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*409.45*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0220	EA	20 Ton Packaged Rooftop Heat Pump	27,741.71	3,666.69
		For Economizer With Outside Air Control, Add	*4,729.74*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*457.06*	
		For Unit Without Roof Curb, Deduct	*-959.51*	

23 74 16 13-0221 Heating Only Packaged Rooftop Units *(23 74 16 13-0205)*

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0222	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	6,984.08	1,527.78
		For Gas Heat, Add	*448.14*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0223	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	8,204.09	1,756.96
		For Gas Heat, Add	*527.43*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0224	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	11,213.98	2,024.38
		For Gas Heat, Add	*731.00*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0225	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	12,646.94	2,177.15
		For Gas Heat, Add	*827.23*	
		For Unit Without Roof Curb, Deduct	*-799.58*	
23 74 16 13-0226	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	14,857.79	2,463.58
		For Gas Heat, Add	*974.35*	
		For Unit Without Roof Curb, Deduct	*-959.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0227	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	16,731.45	2,654.50
		For Gas Heat, Add	*1,100.41*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0228	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	19,785.01	2,750.02
		For Gas Heat, Add	*1,311.62*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0229	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	25,684.95	3,208.35
		For Gas Heat, Add	*1,712.39*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0230	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	33,890.76	3,437.52
		For Gas Heat, Add	*2,280.69*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0231	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	39,548.10	3,666.69
		For Gas Heat, Add	*2,670.59*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0232	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	51,396.56	4,048.64
		For Gas Heat, Add	*3,489.80*	
		For Unit Without Roof Curb, Deduct	*-959.51*	
23 74 16 13-0233	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	64,266.98	5,152.03
		For Gas Heat, Add	*4,370.35*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0234	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	71,835.49	5,194.47
		For Gas Heat, Add	*4,889.97*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0235	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	87,456.63	6,073.00
		For Gas Heat, Add	*5,960.02*	
		For Unit Without Roof Curb, Deduct	*-1,397.10*	
23 74 16 13-0236	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	113,423.55	7,829.96
		For Gas Heat, Add	*7,730.85*	
		For Unit Without Roof Curb, Deduct	*-2,119.68*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0981 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0982 for crane lifting equipment.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	8,110.25	509.26
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,178.45*	
		For Equipment Base Roof Curb, Add	*988.32*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,495.86	577.17
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,857.35*	
		For Equipment Base Roof Curb, Add	*1,282.84*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,627.76	679.01
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,048.82*	
		For Equipment Base Roof Curb, Add	*1,794.52*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,740.48	724.29
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,057.17*	
		For Equipment Base Roof Curb, Add	*1,806.06*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	20,176.26	814.82
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,645.47*	
		For Equipment Base Roof Curb, Add	*2,481.29*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	30,630.71	1,018.52
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,679.95*	
		For Equipment Base Roof Curb, Add	*3,777.91*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0982 for crane lifting equipment.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	16,842.58	509.26
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,798.14*	
		For Equipment Base Roof Curb, Add	*2,079.86*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	24,124.15	577.17
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,945.84*	
		For Equipment Base Roof Curb, Add	*2,986.38*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	29,901.02	679.01
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,630.80*	
		For Equipment Base Roof Curb, Add	*3,703.68*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	38,700.43	814.82
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*11,202.72*	
		For Equipment Base Roof Curb, Add	*4,796.81*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	62,659.35	1,018.52
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*18,288.54*	
		For Equipment Base Roof Curb, Add	*7,781.49*	

23 75 Custom-Packaged Outdoor HVAC Equipment *(23 70)*

23 75 16 Custom-Packaged, Rooftop Air-Conditioning Units *(23 75)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 75 16 00-0001		Custom Rooftop Units *(23 75 16)*		
		Note: Includes testing, balancing and commissioning of Custom-Packaged Rooftop Unit. Excludes crane and associated personnel. Excludes balancing existing diffusers and devices, reworking ductwork, new diffusers, new wiring, or new piping. See CSI section 01 22 23 00-0981 for crane lifting equipment, 26 05 83 00-0000 for reconnecting existing control wires and electrical wires.		
23 75 16 00-0002	EA	15 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	131,125.68	5,721.43
23 75 16 00-0003	EA	17.5 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	140,346.80	5,981.49
23 75 16 00-0004	EA	20 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	152,336.89	6,501.62
23 75 16 00-0005	EA	22.5 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	175,639.69	6,501.62
23 75 16 00-0006	EA	25 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	198,942.49	6,761.68
23 75 16 00-0007	EA	30 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	255,161.91	8,322.07
23 75 16 00-0008	EA	35 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	280,653.85	8,972.23
23 75 16 00-0009	EA	40 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	307,137.88	9,622.39
23 75 16 00-0010	EA	45 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	353,855.33	10,402.59
23 75 16 00-0011	EA	50 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	402,571.84	11,182.79

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air-Coolers *(23 76)*

23 76 13 00-0001		Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*		
		Note: Includes motor, belt and pads.		
23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,613.64	367.76
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,906.98	429.05
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,479.89	490.34
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,696.29	551.64
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,100.33	612.93
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,335.49	674.22
23 76 13 00-0008		Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*		
		Note: Excludes motor starter, piping, power wiring and equipment rigging.		
23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,091.94	337.64
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,190.80	348.57
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,780.90	484.09
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,218.57	571.43
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,835.15	836.57
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,140.06	892.33
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,263.61	1,003.87
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,970.16	1,254.84
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,908.00	1,640.33
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,183.87	1,673.13
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,805.23	1,859.07
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	17,067.57	2,904.77
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	19,196.51	3,031.04
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit	21,348.41	3,168.79

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001		Packaged Terminal Air-Conditioners *(23 81 13 11)*		
23 81 13 11-0002		Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*		
23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,116.05	229.85
		For >35 To 70, Deduct	*-49.69*	
		For >70 To 100, Deduct	*-82.82*	
		For >100, Deduct	*-115.95*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,199.81	257.90
		For >35 To 70, Deduct	*-50.54*	
		For >70 To 100, Deduct	*-84.23*	
		For >100, Deduct	*-117.92*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,328.28	274.86
		For >35 To 70, Deduct	*-53.34*	
		For >70 To 100, Deduct	*-88.90*	
		For >100, Deduct	*-124.45*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,516.18	295.43
		For >35 To 70, Deduct	*-57.77*	
		For >70 To 100, Deduct	*-96.28*	
		For >100, Deduct	*-134.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 11-0007		Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*		
23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,228.13	228.84
		For >35 To 70, Deduct	*-53.14*	
		For >70 To 100, Deduct	*-88.56*	
		For >100, Deduct	*-123.99*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,349.60	257.90
		For >35 To 70, Deduct	*-55.03*	
		For >70 To 100, Deduct	*-91.72*	
		For >100, Deduct	*-128.41*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,436.83	274.86
		For >35 To 70, Deduct	*-56.59*	
		For >70 To 100, Deduct	*-94.32*	
		For >100, Deduct	*-132.05*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,659.46	295.43
		For >35 To 70, Deduct	*-62.06*	
		For >70 To 100, Deduct	*-103.44*	
		For >100, Deduct	*-144.82*	
23 81 13 11-0012		Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*		
		Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.		
23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	99.43	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	111.92	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	124.40	
23 81 13 11-0016		Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*		
		Note: Includes storage and cleaning.		
23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	245.17	
23 81 13 12		**Packaged Terminal Air-Conditioners, Freestanding Units** *(23 81 13)*		
23 81 13 12-0001		Portable Air Condioning Unit *(23 81 13 12)*		
23 81 13 12-0002	EA	11,800 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 12)	5,334.06	
		For HDK 12", 2X2 Metal, With Flex, Add	*233.45*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*550.94*	
23 81 13 12-0003	EA	16,800 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 18)	5,901.21	
		For HDK 12", 2X2 Metal, With Flex, Add	*233.45*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*550.94*	
23 81 13 12-0004	EA	24,000 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 24)	6,812.15	
		For HDK 12", 2X2 Metal, With Flex, Add	*233.45*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*550.94*	
23 81 13 13		**Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units** *(23 81 13)*		
23 81 13 13-0001		Single Package Vertical Wall Cooling Unit *(23 81 13 13)*		
		Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0982 for crane lifting equipment.		
23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	5,207.55	279.00
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	8,029.60	292.28
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	10,497.82	305.58
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	12,071.99	332.15
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	15,140.27	385.28
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	16,246.89	478.29
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	17,987.55	531.43
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	19,808.28	597.86
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	22,288.94	717.43
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	28,811.80	890.15
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	34,373.02	1,195.72
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	48,186.68	1,461.44
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	55,515.98	1,740.44
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	66,348.14	1,953.02
23 81 16		**Room Air-Conditioners** *(23 81)*		
		Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.		
23 81 16 00-0001		Window Unit, Room Air-Conditioners *(23 81 16)*		
23 81 16 00-0002		Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0003		Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	525.14	128.72
		For >10 To 50, Deduct	*-13.39*	
		For >50 To 75, Deduct	*-18.74*	
		For >75 To 100, Deduct	*-26.77*	
		For >100, Deduct	*-32.13*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	552.05	128.72
		For >10 To 50, Deduct	*-14.73*	
		For >50 To 75, Deduct	*-20.62*	
		For >75 To 100, Deduct	*-29.46*	
		For >100, Deduct	*-35.35*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	619.32	128.72
		For >10 To 50, Deduct	*-18.09*	
		For >50 To 75, Deduct	*-25.33*	
		For >75 To 100, Deduct	*-36.19*	
		For >100, Deduct	*-43.43*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	713.49	128.72
		For >10 To 50, Deduct	*-22.80*	
		For >50 To 75, Deduct	*-31.92*	
		For >75 To 100, Deduct	*-45.61*	
		For >100, Deduct	*-54.73*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	834.56	128.72
		For >10 To 50, Deduct	*-28.86*	
		For >50 To 75, Deduct	*-40.40*	
		For >75 To 100, Deduct	*-57.71*	
		For >100, Deduct	*-69.26*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	969.09	128.72
		For >10 To 50, Deduct	*-35.58*	
		For >50 To 75, Deduct	*-49.82*	
		For >75 To 100, Deduct	*-71.17*	
		For >100, Deduct	*-85.40*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	915.28	128.72
		For >10 To 50, Deduct	*-32.89*	
		For >50 To 75, Deduct	*-46.05*	
		For >75 To 100, Deduct	*-65.79*	
		For >100, Deduct	*-78.94*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	982.55	128.72
		For >10 To 50, Deduct	*-36.26*	
		For >50 To 75, Deduct	*-50.76*	
		For >75 To 100, Deduct	*-72.51*	
		For >100, Deduct	*-87.01*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,036.36	128.72
		For >10 To 50, Deduct	*-38.95*	
		For >50 To 75, Deduct	*-54.53*	
		For >75 To 100, Deduct	*-77.89*	
		For >100, Deduct	*-93.47*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,090.17	128.72
		For >10 To 50, Deduct	*-41.64*	
		For >50 To 75, Deduct	*-58.29*	
		For >75 To 100, Deduct	*-83.27*	
		For >100, Deduct	*-99.93*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,197.79	128.72
		For >10 To 50, Deduct	*-47.02*	
		For >50 To 75, Deduct	*-65.83*	
		For >75 To 100, Deduct	*-94.04*	
		For >100, Deduct	*-112.84*	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,211.25	128.72
		For >10 To 50, Deduct	*-47.69*	
		For >50 To 75, Deduct	*-66.77*	
		For >75 To 100, Deduct	*-95.38*	
		For >100, Deduct	*-114.46*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,984.07	128.72
		For >10 To 50, Deduct	*-86.33*	
		For >50 To 75, Deduct	*-120.86*	
		For >75 To 100, Deduct	*-172.66*	
		For >100, Deduct	*-207.20*	

23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*

23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	2,104.49	128.72
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,309.92	128.72
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,403.30	128.72
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,440.65	128.72
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,776.82	128.72
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,617.24	128.72
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,897.38	128.72
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	4,270.90	128.72

23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	1,036.36	128.72
		For >10 To 50, Deduct	*-38.95*	
		For >50 To 75, Deduct	*-54.53*	
		For >75 To 100, Deduct	*-77.89*	
		For >100, Deduct	*-93.47*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,184.34	128.72
		For >10 To 50, Deduct	*-46.35*	
		For >50 To 75, Deduct	*-64.88*	
		For >75 To 100, Deduct	*-92.69*	
		For >100, Deduct	*-111.23*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,265.06	128.72
		For >10 To 50, Deduct	*-50.38*	
		For >50 To 75, Deduct	*-70.53*	
		For >75 To 100, Deduct	*-100.76*	
		For >100, Deduct	*-120.92*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,561.03	128.72
		For >10 To 50, Deduct	*-65.18*	
		For >50 To 75, Deduct	*-91.25*	
		For >75 To 100, Deduct	*-130.36*	
		For >100, Deduct	*-156.43*	

23 81 16 00-0032 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*

23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	2,534.03	128.72

23 81 16 00-0034 Accessories *(23 81 16 00-0001)*

23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	623.45	66.59

23 81 16 00-0036 Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)*

Note: Includes storage and cleaning.

23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	153.23	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	327.77	

23 81 16 00-0039 Through-The-Wall, Room Air-Conditioners *(23 81 16)*

Note: Base unit excludes wall sleeve.

23 81 16 00-0040 Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0041 Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*

23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,582.71	91.93
		For >10 To 50, Deduct	*-69.94*	
		For >50 To 75, Deduct	*-97.92*	
		For >75 To 100, Deduct	*-139.88*	
		For >100, Deduct	*-167.86*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	1,713.44	91.93
		For >10 To 50, Deduct	*-76.48*	
		For >50 To 75, Deduct	*-107.07*	
		For >75 To 100, Deduct	*-152.96*	
		For >100, Deduct	*-183.55*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,956.23	91.93
		For >10 To 50, Deduct	*-88.62*	
		For >50 To 75, Deduct	*-124.06*	
		For >75 To 100, Deduct	*-177.24*	
		For >100, Deduct	*-212.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	1,713.44	91.93
		For >10 To 50, Deduct	*-76.48*	
		For >50 To 75, Deduct	*-107.07*	
		For >75 To 100, Deduct	*-152.96*	
		For >100, Deduct	*-183.55*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,956.23	91.93
		For >10 To 50, Deduct	*-88.62*	
		For >50 To 75, Deduct	*-124.06*	
		For >75 To 100, Deduct	*-177.24*	
		For >100, Deduct	*-212.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	2,012.26	91.93
		For >10 To 50, Deduct	*-91.42*	
		For >50 To 75, Deduct	*-127.99*	
		For >75 To 100, Deduct	*-182.84*	
		For >100, Deduct	*-219.41*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	2,161.67	91.93
		For >10 To 50, Deduct	*-98.89*	
		For >50 To 75, Deduct	*-138.45*	
		For >75 To 100, Deduct	*-197.78*	
		For >100, Deduct	*-237.33*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air-Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, condensate pump, and outdoor air-cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	42,574.29	2,616.46
		For Liebert Unit, Add	*4,830.66*	
23 81 23 12-0003	EA	5 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	46,991.98	2,861.76
		For Liebert Unit, Add	*5,334.45*	
23 81 23 12-0004	EA	6 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	70,348.96	3,270.58
		For Liebert Unit, Add	*8,185.56*	
23 81 23 12-0005	EA	8 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	74,977.47	3,474.99
		For Liebert Unit, Add	*8,726.12*	
23 81 23 12-0006	EA	10 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	79,605.99	3,679.40
		For Liebert Unit, Add	*9,266.68*	
23 81 23 12-0007	EA	16 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	93,691.48	4,415.28
		For Liebert Unit, Add	*10,878.65*	
23 81 23 12-0008	EA	20 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	105,909.64	4,905.86
		For Liebert Unit, Add	*12,326.61*	
23 81 23 12-0009	EA	22 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	116,933.88	5,067.67
		For Liebert Unit, Add	*13,669.76*	
23 81 23 12-0010	EA	24 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	126,681.42	5,232.92
		For Liebert Unit, Add	*14,852.92*	
23 81 23 12-0011	EA	30 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	136,945.83	5,887.03
		For Liebert Unit, Add	*16,023.72*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	25,446.22	1,792.81
		For Liebert Unit, Add	*2,881.98*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	27,345.46	1,985.88
		For Liebert Unit, Add	*3,087.20*	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,825.82	3,024.79
		For Liebert Unit, Add	*3,724.10*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	35,364.36	3,064.63
		For Liebert Unit, Add	*3,909.83*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	36,723.85	3,187.22
		For Liebert Unit, Add	*4,057.24*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	37,587.85	3,493.68
		For Liebert Unit, Add	*4,116.20*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	39,873.02	3,800.15
		For Liebert Unit, Add	*4,352.05*	

23 81 23 12-0020 Floor Mounted Water Source For Computer Room Air Conditioner *(23 81 23 12)*

Note: Excludes computer room air conditioner

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	19,708.41	1,635.28
		For Liebert Unit, Add	*2,158.07*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	21,690.47	1,717.05
		For Liebert Unit, Add	*2,390.47*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,120.24	1,798.81
		For Liebert Unit, Add	*3,179.00*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,304.38	1,962.34
		For Liebert Unit, Add	*3,419.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0025	EA	9 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,888.00	2,044.36
		For Liebert Unit, Add	*3,602.31*	
23 81 23 12-0026	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	33,471.64	2,125.87
		For Liebert Unit, Add	*3,784.91*	
23 81 23 12-0027	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	34,785.15	2,289.40
		For Liebert Unit, Add	*3,917.72*	
23 81 23 12-0028	EA	16 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	36,318.15	2,452.93
		For Liebert Unit, Add	*4,083.72*	
23 81 23 12-0029	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	37,404.91	2,616.46
		For Liebert Unit, Add	*4,190.70*	
23 81 23 12-0030	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	42,713.86	3,107.05
		For Liebert Unit, Add	*4,758.81*	

23 81 23 12-0031 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0032	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	51,822.23	1,792.81
		For Drycooler, Add	*18,496.34*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0033	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	55,757.81	1,985.88
		For Drycooler, Add	*19,912.41*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0034	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	72,986.64	2,224.92
		For Drycooler, Add	*25,990.31*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0035	EA	8 Ton Computer Room Air Conditioner, Glycol System Type	84,457.30	2,463.96
		For Drycooler, Add	*30,052.85*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0036	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	89,232.79	2,583.48
		For Drycooler, Add	*31,748.17*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0037	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	95,302.70	2,703.01
		For Drycooler, Add	*33,896.55*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0038	EA	12 Ton Computer Room Air Conditioner, Glycol System Type	101,776.78	2,823.14
		For Drycooler, Add	*36,186.38*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0039	EA	15 Ton Computer Room Air Conditioner, Glycol System Type	109,296.45	2,929.79
		For Drycooler, Add	*38,842.17*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0040	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	116,404.10	3,064.63
		For Drycooler, Add	*41,357.43*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0041	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	127,717.27	3,187.22
		For Drycooler, Add	*45,340.94*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0042	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	132,362.78	3,493.68
		For Drycooler, Add	*47,025.72*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0043	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	161,448.54	3,800.15
		For Drycooler, Add	*57,265.49*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

23 81 23 12-0044 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0045	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	2,451.70
23 81 23 12-0046	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	2,043.08

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 13-0001		**Ceiling Mounted Packaged Computer Room Air Conditioner** *(23 81 23 13)* Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air-cooled condenser complete with fan speed control.		
23 81 23 13-0002	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	16,911.18	777.19
		For Liebert Unit, Add	*1,968.24*	
23 81 23 13-0003	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	18,692.40	933.36
		For Liebert Unit, Add	*2,161.63*	
23 81 23 13-0004	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	21,341.16	1,168.12
		For Liebert Unit, Add	*2,448.74*	
23 81 23 13-0005	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	26,226.88	1,362.78
		For Liebert Unit, Add	*3,022.98*	
23 81 23 13-0006	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	35,592.26	1,481.20
		For Liebert Unit, Add	*4,171.44*	
23 81 23 13-0007		**Horizontal Indoor Single Package Cooling Unit** *(23 81 23 13)* Note: Carrier 50AH With indoor scroll compressor, plenum mounted.		
23 81 23 13-0008	EA	2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	21,045.87	735.51
23 81 23 13-0009	EA	3 Ton Horizontal Indoor Single-Package Cooling Unit, 1,200 CFM Nominal	24,667.70	919.39
23 81 23 13-0010	EA	4 Ton Horizontal Indoor Single-Package Cooling Unit, 1,600 CFM Nominal	28,724.29	1,103.27
23 81 23 13-0011	EA	5 Ton Horizontal Indoor Single-Package Cooling Unit, 2,000 CFM Nominal	33,433.20	1,225.86

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 13-0001		**Split System A/C Unit** *(23 81 26 13)* See CSI section 23 23 16 00-0001 for piping.		
23 81 26 13-0002		**Ductless Split System Air Conditioners** *(23 81 26 13-0001)* Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.		
23 81 26 13-0003		**Wall Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)*		
23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,260.23	404.53
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,450.02	441.31
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,049.31	490.34
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,388.24	539.37
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,156.08	588.41
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,984.33	612.93
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,561.05	653.38
23 81 26 13-0011		**Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	979.23	196.14
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,035.92	208.40
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,093.49	220.65
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,232.77	232.91
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,318.17	245.17
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,654.49	294.20
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,935.73	318.72
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,599.48	343.24
23 81 26 13-0020		**Suspended Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,509.19	588.41
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,714.36	702.41
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,161.67	735.51
23 81 26 13-0024		**Recessed Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Excludes hangers.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,412.89	490.34
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,972.67	539.37
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,497.11	637.44
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,355.27	702.41
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,982.12	735.51
23 81 26 13-0030		Ductless Split System Accessories *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.63	1.76
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	18.87	1.93
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	23.55	2.13
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	24.47	3.29
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	42.39	3.62
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	48.33	3.99
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.05	6.59
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	101.74	7.24
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	113.61	7.97
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.72	7.02
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	95.94	7.73
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	149.07	8.51
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.05	6.59
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	101.74	7.24
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	113.61	7.97
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	79.19	10.98
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	116.38	12.08
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	139.38	13.29
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.32	2.20
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	48.96	6.59
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	79.98	7.24
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	44.12	6.59
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	60.63	7.24
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	65.25	7.97
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	217.64	8.78
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	246.89	9.66
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	133.63	32.93
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	147.55	35.13
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	202.56	37.32
23 81 26 13-0060	EA	End Cap, Set of 4	24.16	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 Lb. Capacity	284.35	65.87
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 Lb. Capacity	301.79	70.26
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	3.22	0.17
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	3.33	0.17
23 81 26 13-0065		Cased A/C Evaporator Coils *(23 81 26 13-0001)*		
23 81 26 13-0066		Vertical Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	890.73	121.08
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	927.04	130.16
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	1,111.25	139.24
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	1,272.12	148.32
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,481.39	154.37
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,659.54	160.43
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,782.35	172.54
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,790.14	181.62
23 81 26 13-0075		"A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,104.35	124.11
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,276.45	131.07
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,468.07	139.24
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,520.84	144.27
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,592.09	151.35
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,607.99	159.22
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,623.57	167.09
23 81 26 13-0083		Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	956.47	124.11
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,154.15	139.24
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,337.84	151.35
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,620.98	167.09
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0002		**Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	17,200.79	643.57
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	18,654.19	766.16
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	21,005.37	919.39
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	25,847.98	950.03
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	34,366.94	980.69
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	35,636.47	1,011.33
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	36,906.01	1,041.98
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	39,073.30	1,103.27
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	41,240.61	1,164.56
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	46,144.51	1,225.86
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	51,048.42	1,287.15
23 81 26 16-0014		**Indoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,792.52	199.20
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,885.13	214.52
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,967.41	229.85
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	2,065.18	245.17
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,239.74	291.14
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,503.79	352.44
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,712.77	383.08
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,591.38	219.13
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,681.89	235.98
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,829.20	252.84
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	3,069.44	269.69
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,242.87	320.25
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,563.60	387.67
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,747.05	404.53
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,951.15	421.38
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,381.37	463.53
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,856.18	509.87
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	5,257.62	560.87
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	6,655.49	616.95
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	7,553.40	678.64
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,945.89	252.84
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	3,106.62	269.69
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,283.15	320.25
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,683.39	387.67
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,968.70	421.38
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,851.24	463.53
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,648.18	219.13
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,785.16	235.98
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,994.43	252.84
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	3,152.06	269.69
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,454.70	235.98
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,581.35	252.84
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,713.17	269.69
23 81 26 16-0048		**Controllers For Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	9,300.47	183.88
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	10,755.88	214.52
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	11,885.99	245.17
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	14,105.60	275.81
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	5,186.56	122.59
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	7,988.96	183.88
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	12,210.63	275.81
23 81 26 16-0056		**Energy Recovery Units** *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	6,584.51	183.88
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	12,450.15	183.88
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	12,630.20	214.52
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,630.00	153.23
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	3,349.64	159.36
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,991.84	165.49
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	7,271.24	183.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0064		**Piping Specialties** *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	919.09	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	245.66	45.98
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	245.66	45.98
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	272.37	48.41
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	341.26	54.45
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	446.46	78.65
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	758.68	157.31
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	136.82	19.36
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	154.44	26.62
23 81 26 16-0074		**Split System Air Conditioners (Daikin VRV)** *(23 81 26 16)*		
23 81 26 16-0075		**Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin)	26,248.83	643.57
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin)	29,340.49	766.16
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin)	32,712.43	919.39
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin)	40,875.32	950.03
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin)	54,792.51	1,011.33
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin)	57,919.28	1,041.98
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin)	60,888.37	1,103.27
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin)	64,076.43	1,164.56
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin)	83,029.75	1,225.86
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin)	86,217.80	1,287.15
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin)	89,405.85	1,348.44
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin)	92,374.95	1,409.73
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin)	95,563.01	1,471.02
23 81 26 16-0089		**Heat Recovery Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	33,614.90	836.65
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	36,658.25	996.01
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	40,270.85	1,195.21
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	50,641.75	1,235.05
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	68,537.04	1,314.73
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	73,871.82	1,354.56
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	76,658.71	1,434.25
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	79,445.63	1,513.93
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	104,676.14	1,593.60
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	107,463.05	1,673.29
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	112,877.50	1,752.97
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	115,664.40	1,832.64
23 81 26 16-0102		**Indoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	2,990.49	214.52
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,124.63	220.65
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,537.55	229.85
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,961.73	291.14
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	4,344.59	352.44
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,388.48	235.98
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,536.23	242.72
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,765.09	134.85
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	5,054.87	320.25
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	5,989.14	387.67
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	6,851.83	421.38
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,320.33	463.53
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,567.97	509.87
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	4,913.16	235.98
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,029.93	242.72
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,349.68	252.84
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,701.43	320.25
23 81 26 16-0120		**Branch Selector Boxes** *(23 81 26 16-0074)*		
23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin)	15,003.14	275.81
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin)	22,193.79	367.76
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin)	2,951.21	122.59
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	3,976.50	183.88
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	4,930.88	275.81
23 81 26 16-0126		**Controllers** *(23 81 26 16-0074)*		
23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin)	916.52	24.52
23 81 26 16-0128	EA	Individual Zone Controller (Daikin)	660.37	24.52
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin)	1,286.27	24.52
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin)	1,804.76	24.52
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin)	16,782.11	294.20
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin)	3,137.12	24.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin)	688.74	43.25
23 81 26 16-0134		Energy Recovery Units *(23 81 26 16-0074)*		
23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin)	5,179.40	153.23
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin)	6,724.39	159.36
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin)	8,050.43	165.49
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin)	15,038.22	183.88
23 81 43		**Air-Source Unitary Heat Pumps** *(23 81)*		
23 81 43 00-0001		Single Package Thru-Wall Heat Pumps *(23 81 43)* Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0982 for crane lifting equipment.		
23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,341.18	199.28
		For Unit Economizer, Add	*312.35*	
		For >35 To 70, Deduct	*-58.68*	
		For >70 To 100, Deduct	*-97.80*	
		For >100, Deduct	*-136.91*	
		For Low Ambient Protection, 0 Degree F, Add	*272.35*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,585.09	212.57
		For Unit Economizer, Add	*345.44*	
		For >35 To 70, Deduct	*-65.20*	
		For >70 To 100, Deduct	*-108.66*	
		For >100, Deduct	*-152.13*	
		For Low Ambient Protection, 0 Degree F, Add	*298.56*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,410.59	212.57
		For Unit Economizer, Add	*601.01*	
		For >35 To 70, Deduct	*-119.96*	
		For >70 To 100, Deduct	*-199.94*	
		For >100, Deduct	*-279.91*	
		For Low Ambient Protection, 0 Degree F, Add	*462.85*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,828.35	212.57
		For Unit Economizer, Add	*658.43*	
		For >35 To 70, Deduct	*-131.70*	
		For >70 To 100, Deduct	*-219.50*	
		For >100, Deduct	*-307.29*	
		For Low Ambient Protection, 0 Degree F, Add	*241.31*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,463.42	225.86
		For Unit Economizer, Add	*746.28*	
		For >35 To 70, Deduct	*-149.95*	
		For >70 To 100, Deduct	*-249.92*	
		For >100, Deduct	*-349.89*	
		For Low Ambient Protection, 0 Degree F, Add	*266.20*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,724.21	239.15
		For Unit Economizer, Add	*782.79*	
		For >35 To 70, Deduct	*-157.78*	
		For >70 To 100, Deduct	*-262.96*	
		For >100, Deduct	*-368.14*	
		For Low Ambient Protection, 0 Degree F, Add	*799.95*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,446.22	239.15
		For Unit Economizer, Add	*882.81*	
		For >35 To 70, Deduct	*-178.64*	
		For >70 To 100, Deduct	*-297.73*	
		For >100, Deduct	*-416.82*	
		For Low Ambient Protection, 0 Degree F, Add	*897.00*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	7,111.47	252.43
		For Unit Economizer, Add	*975.41*	
		For >35 To 70, Deduct	*-198.20*	
		For >70 To 100, Deduct	*-330.33*	
		For >100, Deduct	*-462.46*	
		For Low Ambient Protection, 0 Degree F, Add	*985.07*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	8,190.87	292.28
		For Unit Economizer, Add	*1,123.34*	
		For >35 To 70, Deduct	*-228.19*	
		For >70 To 100, Deduct	*-380.31*	
		For >100, Deduct	*-532.44*	
		For Low Ambient Protection, 0 Degree F, Add	*1,134.96*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	15,003.97	345.43
		For Unit Economizer, Add	*2,072.39*	
		For >35 To 70, Deduct	*-428.99*	
		For >70 To 100, Deduct	*-714.99*	
		For >100, Deduct	*-1,000.99*	
		For Low Ambient Protection, 0 Degree F, Add	*2,035.01*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	19,319.10	438.43
		For Unit Economizer, Add	*2,669.07*	
		For >35 To 70, Deduct	*-552.87*	
		For >70 To 100, Deduct	*-921.45*	
		For >100, Deduct	*-1,290.03*	
		For Low Ambient Protection, 0 Degree F, Add	*406.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	23,584.69	491.58
		For Unit Economizer, Add	*3,262.53*	
		For >35 To 70, Deduct	*-678.05*	
		For >70 To 100, Deduct	*-1,130.08*	
		For >100, Deduct	*-1,582.11*	
		For Low Ambient Protection, 0 Degree F, Add	*471.80*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	29,093.86	558.00
		For Unit Economizer, Add	*4,029.03*	
		For >35 To 70, Deduct	*-839.73*	
		For >70 To 100, Deduct	*-1,399.56*	
		For >100, Deduct	*-1,959.38*	
		For Low Ambient Protection, 0 Degree F, Add	*555.59*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	38,749.05	597.86
		For Unit Economizer, Add	*5,377.04*	
		For >35 To 70, Deduct	*-1,126.60*	
		For >70 To 100, Deduct	*-1,877.67*	
		For >100, Deduct	*-2,628.73*	
		For Low Ambient Protection, 0 Degree F, Add	*674.46*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	46,678.96	651.01
		For Unit Economizer, Add	*6,482.97*	
		For >35 To 70, Deduct	*-1,361.31*	
		For >70 To 100, Deduct	*-2,268.85*	
		For >100, Deduct	*-3,176.39*	
		For Low Ambient Protection, 0 Degree F, Add	*779.27*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0982 for crane lifting equipment.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,596.70	265.72
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,362.42	292.28
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,637.32	305.58
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,462.46	332.15
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,079.88	385.28
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,632.79	438.43
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,376.53	491.58
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	10,550.47	544.71
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	11,896.39	651.01

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,590.06	128.72
		For >10 To 50, Deduct	*-116.63*	
		For >50 To 75, Deduct	*-163.28*	
		For >75 To 100, Deduct	*-233.26*	
		For >100, Deduct	*-279.92*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,926.23	128.72
		For >10 To 50, Deduct	*-133.44*	
		For >50 To 75, Deduct	*-186.82*	
		For >75 To 100, Deduct	*-266.88*	
		For >100, Deduct	*-320.26*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,430.48	128.72
		For >10 To 50, Deduct	*-158.65*	
		For >50 To 75, Deduct	*-222.11*	
		For >75 To 100, Deduct	*-317.31*	
		For >100, Deduct	*-380.77*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,990.76	128.72
		For >10 To 50, Deduct	*-186.67*	
		For >50 To 75, Deduct	*-261.33*	
		For >75 To 100, Deduct	*-373.33*	
		For >100, Deduct	*-448.00*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,609.89	91.93
		For >10 To 50, Deduct	*-121.30*	
		For >50 To 75, Deduct	*-169.82*	
		For >75 To 100, Deduct	*-242.60*	
		For >100, Deduct	*-291.12*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,609.89	91.93
		For >10 To 50, Deduct	*-121.30*	
		For >50 To 75, Deduct	*-169.82*	
		For >75 To 100, Deduct	*-242.60*	
		For >100, Deduct	*-291.12*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*286.72*	

23 81 46 Water-Source Unitary Heat Pumps *(23 81)*

23 81 46 00-0001 Horizontal, Ceiling Mounted, Single Stage, 208/230-1-60, With 2-Way Solenoid Valve, Water Source Heat Pumps *(23 81 46)*

Note: Includes rubber isolator hanger brackets.

23 81 46 00-0002	EA	1/2 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,391.78	242.16
23 81 46 00-0003	EA	3/4 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,572.05	242.16
23 81 46 00-0004	EA	1 Ton, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,457.77	266.38
23 81 46 00-0005	EA	1-1/2 Ton, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,790.62	290.59
23 81 46 00-0006	EA	2 Ton, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	7,279.72	314.81
23 81 46 00-0007	EA	2-1/2 Ton, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,610.11	339.02
23 81 46 00-0008	EA	3 Ton, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,778.72	363.23
23 81 46 00-0009	EA	3-1/2 Ton, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	9,588.31	387.46
23 81 46 00-0010	EA	4 Ton, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,237.65	411.67
23 81 46 00-0011	EA	5 Ton, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,386.24	435.89

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Split System Heat Pump *(23 81 49)*

See CSI section 23 23 16 00-0001 for piping.

23 81 49 00-0002 Air-Cooled, Outdoor Section *(23 81 49 00-0001)*

Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.

23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,516.93	394.59
		For Low Ambient Protection, 0 Degree F, Add	*815.71*	
		For Winterstart Control, Add	*216.55*	
		For 15 SEER, Add	*705.43*	
		For 16 SEER, Add	*1,136.53*	
		For 18 SEER, Add	*1,724.39*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,659.74	438.43
		For Low Ambient Protection, 0 Degree F, Add	*845.30*	
		For Winterstart Control, Add	*226.25*	
		For 15 SEER, Add	*719.18*	
		For 16 SEER, Add	*1,158.68*	
		For 18 SEER, Add	*1,758.00*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,092.62	508.85
		For Low Ambient Protection, 0 Degree F, Add	*927.39*	
		For Winterstart Control, Add	*249.94*	
		For 15 SEER, Add	*777.97*	
		For 16 SEER, Add	*1,253.39*	
		For 18 SEER, Add	*1,901.70*	
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,560.73	584.58
		For Low Ambient Protection, 0 Degree F, Add	*782.44*	
		For Winterstart Control, Add	*275.57*	
		For 15 SEER, Add	*841.49*	
		For 16 SEER, Add	*1,355.74*	
		For 18 SEER, Add	*2,056.99*	
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,736.95	607.16
		For Low Ambient Protection, 0 Degree F, Add	*808.00*	
		For Winterstart Control, Add	*284.66*	
		For 15 SEER, Add	*867.09*	
		For 16 SEER, Add	*1,396.99*	
		For 18 SEER, Add	*2,119.56*	
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,372.00	697.50
		For Low Ambient Protection, 0 Degree F, Add	*894.18*	
		For Winterstart Control, Add	*314.67*	
		For 15 SEER, Add	*967.60*	
		For 16 SEER, Add	*1,558.91*	
		For 18 SEER, Add	*2,365.25*	
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	7,253.88	767.26
		For Low Ambient Protection, 0 Degree F, Add	*581.91*	
		For Winterstart Control, Add	*171.19*	
		For 15 SEER, Add	*1,108.40*	
		For 16 SEER, Add	*1,785.76*	
		For 18 SEER, Add	*2,709.43*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	7,952.41	858.10
		For Low Ambient Protection, 0 Degree F, Add	*642.79*	
		For Winterstart Control, Add	*189.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	10,995.89	1,029.72
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*448.95*	
		For Winterstart Control, Add	*242.56*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	14,458.51	1,201.34
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*508.62*	
		For Winterstart Control, Add	*298.67*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	25,954.76	1,287.15
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*540.20*	
		For Winterstart Control, Add	*425.00*	
23 81 49 00-0014		**Indoor Section, Horizontal Upflow** *(23 81 49 00-0001)*		
		Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,376.73	131.17
		For Additional 5 KW Electric Heat, Add	*124.49*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,518.69	163.41
		For Additional 5 KW Electric Heat, Add	*135.52*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,587.23	197.36
		For Additional 5 KW Electric Heat, Add	*138.95*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	2,137.30	231.07
		For Additional 5 KW Electric Heat, Add	*190.60*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,196.35	260.49
		For Additional 5 KW Electric Heat, Add	*193.55*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,436.84	299.11
		For Additional 5 KW Electric Heat, Add	*213.79*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	5,191.33	490.34
		For Additional 5 KW Electric Heat, Add	*470.10*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	7,643.88	551.64
		For Additional 5 KW Electric Heat, Add	*709.23*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	10,714.32	612.93
		For Additional 5 KW Electric Heat, Add	*1,010.14*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	12,179.79	735.51
		For Additional 5 KW Electric Heat, Add	*1,144.42*	
23 81 49 00-0025		**Ductless Split System Heat Pumps** *(23 81 49 00-0001)*		
		Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.		
23 81 49 00-0026		**Wall Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)*		
23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,439.78	404.53
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,696.00	441.31
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,279.13	490.34
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	3,769.78	539.37
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,299.12	588.41
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	6,120.79	612.93
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	6,709.18	653.38
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0034		**Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)*		
		Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,018.73	196.14
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,076.32	208.40
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,134.79	220.65
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,287.53	232.91
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,372.03	245.17
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	2,986.65	294.20
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	3,532.72	318.72
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	5,683.04	343.24
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0043		**Suspended Ceiling Mounted Ductless Split System Heat Pumps** *(23 81 49 00-0025)*		
		Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps	5,652.83	588.41
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,862.49	702.41
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,251.44	735.51
23 81 49 00-0047		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,771.99	490.34
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,275.20	539.37
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,640.75	637.44
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,503.40	702.41
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,071.90	735.51

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001 Chilled Water Cooling Coils *(23 82 16 11)*
Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,117.54	60.54
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,528.09	82.34
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,735.52	129.56
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,698.08	185.25
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,024.84	227.63
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,727.63	276.06
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,190.42	319.65
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,759.47	564.72
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,865.05	214.67
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,208.01	365.54
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,937.77	454.05
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,576.87	548.37
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,257.53	638.58
23 82 16 11-0016	SF	>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	416.35	32.19

23 82 16 11-0017 4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0018	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,622.21	125.92
23 82 16 11-0019	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,232.38	181.62
23 82 16 11-0020	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,740.32	302.70
23 82 16 11-0021	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,979.80	449.21
23 82 16 11-0022	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,052.63	550.91
23 82 16 11-0023	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,561.21	673.20
23 82 16 11-0024	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,620.26	807.60
23 82 16 11-0025	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,303.86	940.06
23 82 16 11-0026	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,577.95	405.74
23 82 16 11-0027	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,340.48	610.24
23 82 16 11-0028	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,222.19	756.74
23 82 16 11-0029	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,247.69	911.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0030	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,206.10	1,065.86
23 82 16 11-0031		6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0032	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,715.58	159.82
23 82 16 11-0033	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,345.76	237.32
23 82 16 11-0034	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,863.13	404.40
23 82 16 11-0035	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,925.70	605.40
23 82 16 11-0036	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,440.37	756.74
23 82 16 11-0037	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,816.62	931.10
23 82 16 11-0038	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,735.27	1,100.62
23 82 16 11-0039	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,932.98	1,282.60
23 82 16 11-0040	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,205.88	554.42
23 82 16 11-0041	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,426.10	831.57
23 82 16 11-0042	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,668.60	1,041.29
23 82 16 11-0043	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,869.84	1,250.88
23 82 16 11-0044	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,079.02	1,455.26
23 82 16 11-0045		8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0046	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,650.32	192.52
23 82 16 11-0047	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,646.57	295.43
23 82 16 11-0048	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,360.26	526.69
23 82 16 11-0049	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,015.25	807.60
23 82 16 11-0050	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,196.34	1,009.80
23 82 16 11-0051	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	15,298.40	1,210.80
23 82 16 11-0052	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	17,621.44	1,345.20
23 82 16 11-0053	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,784.30	1,560.35
23 82 16 11-0054	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,335.61	675.62
23 82 16 11-0055	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,889.85	1,015.73
23 82 16 11-0056	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,328.53	1,265.29
23 82 16 11-0057	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,691.22	1,513.50
23 82 16 11-0058	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	16,125.76	1,780.60
23 82 16 11-0059		Hot Water Heating Coils *(23 82 16 11)*		
		Note: Flanged construction.		
23 82 16 11-0060		1 Row Hot Water Heating Coils *(23 82 16 11-0059)*		
23 82 16 11-0061	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,636.87	163.46
		For 10 Fins Per Inch, Add	*26.19*	
		For 12 Fins Per Inch, Add	*65.48*	
		For 230 PSIG Heavy-Duty, Add	*360.10*	
23 82 16 11-0062	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,441.49	209.47
		For 10 Fins Per Inch, Add	*40.48*	
		For 12 Fins Per Inch, Add	*101.20*	
		For 230 PSIG Heavy-Duty, Add	*530.05*	
23 82 16 11-0063	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,957.71	288.17
		For 10 Fins Per Inch, Add	*47.62*	
		For 12 Fins Per Inch, Add	*119.06*	
		For 230 PSIG Heavy-Duty, Add	*649.20*	
23 82 16 11-0064	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,485.98	404.40
		For 10 Fins Per Inch, Add	*53.58*	
		For 12 Fins Per Inch, Add	*133.94*	
		For 230 PSIG Heavy-Duty, Add	*777.92*	
23 82 16 11-0065	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,945.05	484.32
		For 10 Fins Per Inch, Add	*59.53*	
		For 12 Fins Per Inch, Add	*148.82*	
		For 230 PSIG Heavy-Duty, Add	*885.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0066	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	4,603.92	605.40
		For 10 Fins Per Inch, Add	*67.86*	
		For 12 Fins Per Inch, Add	*169.66*	
		For 230 PSIG Heavy-Duty, Add	*1,041.86*	
23 82 16 11-0067	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,155.15	671.99
		For 10 Fins Per Inch, Add	*76.20*	
		For 12 Fins Per Inch, Add	*190.49*	
		For 230 PSIG Heavy-Duty, Add	*1,165.56*	
23 82 16 11-0068	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,397.51	781.33
		For 10 Fins Per Inch, Add	*96.58*	
		For 12 Fins Per Inch, Add	*241.46*	
		For 230 PSIG Heavy-Duty, Add	*1,436.34*	
23 82 16 11-0069	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,762.16	338.54
		For 10 Fins Per Inch, Add	*41.70*	
		For 12 Fins Per Inch, Add	*104.25*	
		For 230 PSIG Heavy-Duty, Add	*620.15*	
23 82 16 11-0070	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	4,143.19	507.93
		For 10 Fins Per Inch, Add	*62.55*	
		For 12 Fins Per Inch, Add	*156.37*	
		For 230 PSIG Heavy-Duty, Add	*930.21*	
23 82 16 11-0071	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	6,227.73	768.25
		For 10 Fins Per Inch, Add	*93.82*	
		For 12 Fins Per Inch, Add	*234.56*	
		For 230 PSIG Heavy-Duty, Add	*1,399.20*	
23 82 16 11-0072	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	7,253.58	890.30
		For 10 Fins Per Inch, Add	*109.46*	
		For 12 Fins Per Inch, Add	*273.65*	
		For 230 PSIG Heavy-Duty, Add	*1,628.77*	
23 82 16 11-0073	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	329.27	44.80
		For 10 Fins Per Inch, Add	*4.79*	
		For 12 Fins Per Inch, Add	*11.98*	
		For 230 PSIG Heavy-Duty, Add	*74.82*	

23 82 16 11-0074 2 Row Hot Water Heating Coils *(23 82 16 11-0059)*

23 82 16 11-0075	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,665.68	202.20
		For 10 Fins Per Inch, Add	*45.24*	
		For 12 Fins Per Inch, Add	*113.10*	
		For 230 PSIG Heavy-Duty, Add	*573.50*	
23 82 16 11-0076	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,859.74	268.79
		For 10 Fins Per Inch, Add	*46.43*	
		For 12 Fins Per Inch, Add	*116.08*	
		For 230 PSIG Heavy-Duty, Add	*625.76*	
23 82 16 11-0077	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,843.15	404.40
		For 10 Fins Per Inch, Add	*60.72*	
		For 12 Fins Per Inch, Add	*151.80*	
		For 230 PSIG Heavy-Duty, Add	*849.35*	
23 82 16 11-0078	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,605.79	576.34
		For 10 Fins Per Inch, Add	*69.05*	
		For 12 Fins Per Inch, Add	*172.63*	
		For 230 PSIG Heavy-Duty, Add	*1,036.47*	
23 82 16 11-0079	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,293.82	711.95
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,201.21*	
23 82 16 11-0080	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	5,599.06	864.51
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,292.78*	
23 82 16 11-0081	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,304.05	1,009.80
		For 10 Fins Per Inch, Add	*85.72*	
		For 12 Fins Per Inch, Add	*214.30*	
		For 230 PSIG Heavy-Duty, Add	*1,462.61*	
23 82 16 11-0082	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,779.27	1,173.26
		For 10 Fins Per Inch, Add	*108.66*	
		For 12 Fins Per Inch, Add	*271.64*	
		For 230 PSIG Heavy-Duty, Add	*1,790.50*	
23 82 16 11-0083	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	3,357.93	506.23
		For 10 Fins Per Inch, Add	*46.91*	
		For 12 Fins Per Inch, Add	*117.28*	
		For 230 PSIG Heavy-Duty, Add	*772.82*	
23 82 16 11-0084	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,039.44	760.50
		For 10 Fins Per Inch, Add	*70.37*	
		For 12 Fins Per Inch, Add	*175.92*	
		For 230 PSIG Heavy-Duty, Add	*1,160.00*	
23 82 16 11-0085	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	7,570.69	1,146.62
		For 10 Fins Per Inch, Add	*105.55*	
		For 12 Fins Per Inch, Add	*263.88*	
		For 230 PSIG Heavy-Duty, Add	*1,743.46*	
23 82 16 11-0086	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	8,835.91	1,339.39
		For 10 Fins Per Inch, Add	*123.14*	
		For 12 Fins Per Inch, Add	*307.86*	
		For 230 PSIG Heavy-Duty, Add	*2,035.06*	

23 82 16 11-0087 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0088	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,169.77	153.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0089	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,788.86	152.57
23 82 16 11-0090	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,428.67	163.46
23 82 16 11-0091	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,987.35	177.99
23 82 16 11-0092	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,003.78	186.47
23 82 16 11-0093	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,855.21	196.15
23 82 16 11-0094	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,023.97	220.37
23 82 16 11-0095	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,554.12	247.01
23 82 16 11-0096	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,245.84	295.43
23 82 16 11-0097	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,811.87	309.96
23 82 16 11-0098	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,750.34	328.13
23 82 16 11-0099	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,135.77	449.21
23 82 16 11-0100	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	13,994.58	550.91
23 82 16 11-0101	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	16,322.36	576.34
23 82 16 11-0102	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	19,174.09	671.99

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,586.65	113.81
		For 2 Row Coil, Add	*821.26*	
		For 4 Row Coil, Add	*2,166.64*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,843.41	157.41
		For 2 Row Coil, Add	*915.92*	
		For 4 Row Coil, Add	*2,409.96*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,682.17	282.11
		For 2 Row Coil, Add	*1,217.28*	
		For 4 Row Coil, Add	*3,187.89*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,600.59	404.40
		For 2 Row Coil, Add	*1,541.62*	
		For 4 Row Coil, Add	*4,027.57*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,099.21	484.32
		For 2 Row Coil, Add	*1,723.49*	
		For 4 Row Coil, Add	*4,495.88*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	5,678.57	605.40
		For 2 Row Coil, Add	*1,945.73*	
		For 4 Row Coil, Add	*5,063.50*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,234.59	671.99
		For 2 Row Coil, Add	*2,139.44*	
		For 4 Row Coil, Add	*5,566.16*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,765.71	784.23
		For 2 Row Coil, Add	*2,643.39*	
		For 4 Row Coil, Add	*6,886.98*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	3,352.87	338.54
		For 2 Row Coil, Add	*1,141.30*	
		For 4 Row Coil, Add	*2,973.48*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,029.30	507.93
		For 2 Row Coil, Add	*1,711.94*	
		For 4 Row Coil, Add	*4,460.22*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	7,541.36	760.50
		For 2 Row Coil, Add	*2,566.63*	
		For 4 Row Coil, Add	*6,687.16*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	8,804.25	890.30
		For 2 Row Coil, Add	*2,997.39*	
		For 4 Row Coil, Add	*7,809.05*	

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,031.25	90.81
		For 10 Fins Per Inch, Add	*36.98*	
		For 12 Fins Per Inch, Add	*92.46*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,948.00	124.72
		For 10 Fins Per Inch, Add	*73.97*	
		For 12 Fins Per Inch, Add	*184.92*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,425.48	196.15
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,513.49	282.11
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,557.65	345.08
		For 10 Fins Per Inch, Add	*137.32*	
		For 12 Fins Per Inch, Add	*343.29*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,433.16	417.72
		For 10 Fins Per Inch, Add	*151.96*	
		For 12 Fins Per Inch, Add	*379.91*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,665.27	484.32
		For 10 Fins Per Inch, Add	*173.93*	
		For 12 Fins Per Inch, Add	*434.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,152.88	564.72
		For 10 Fins Per Inch, Add	*220.47*	
		For 12 Fins Per Inch, Add	*551.17*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,667.40	214.67
		For 10 Fins Per Inch, Add	*84.76*	
		For 12 Fins Per Inch, Add	*211.90*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,963.92	365.54
		For 10 Fins Per Inch, Add	*104.66*	
		For 12 Fins Per Inch, Add	*261.64*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,288.11	548.37
		For 10 Fins Per Inch, Add	*123.83*	
		For 12 Fins Per Inch, Add	*309.57*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,946.28	638.58
		For 10 Fins Per Inch, Add	*133.38*	
		For 12 Fins Per Inch, Add	*333.45*	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,392.19	125.92
		For 10 Fins Per Inch, Add	*62.80*	
		For 12 Fins Per Inch, Add	*157.00*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,847.07	181.62
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,555.73	302.70
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,945.75	449.21
		For 10 Fins Per Inch, Add	*140.98*	
		For 12 Fins Per Inch, Add	*352.44*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,156.56	550.91
		For 10 Fins Per Inch, Add	*161.12*	
		For 12 Fins Per Inch, Add	*402.79*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,865.86	673.20
		For 10 Fins Per Inch, Add	*190.41*	
		For 12 Fins Per Inch, Add	*476.03*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,050.36	807.60
		For 10 Fins Per Inch, Add	*208.72*	
		For 12 Fins Per Inch, Add	*521.80*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,641.52	940.06
		For 10 Fins Per Inch, Add	*195.23*	
		For 12 Fins Per Inch, Add	*488.07*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,493.64	405.74
		For 10 Fins Per Inch, Add	*133.64*	
		For 12 Fins Per Inch, Add	*334.11*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,471.10	610.24
		For 10 Fins Per Inch, Add	*165.01*	
		For 12 Fins Per Inch, Add	*412.53*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,169.49	1,073.37
		For 10 Fins Per Inch, Add	*240.45*	
		For 12 Fins Per Inch, Add	*601.13*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,204.48	1,250.88
		For 10 Fins Per Inch, Add	*274.06*	
		For 12 Fins Per Inch, Add	*685.14*	

23 82 16 13-0028 6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,346.55	158.62
		For 10 Fins Per Inch, Add	*80.56*	
		For 12 Fins Per Inch, Add	*201.40*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,960.45	237.32
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,123.71	404.40
		For 10 Fins Per Inch, Add	*126.33*	
		For 12 Fins Per Inch, Add	*315.83*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,992.00	605.40
		For 10 Fins Per Inch, Add	*155.62*	
		For 12 Fins Per Inch, Add	*389.06*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,857.92	756.74
		For 10 Fins Per Inch, Add	*206.89*	
		For 12 Fins Per Inch, Add	*517.22*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,397.26	931.10
		For 10 Fins Per Inch, Add	*230.69*	
		For 12 Fins Per Inch, Add	*576.72*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,566.80	1,100.62
		For 10 Fins Per Inch, Add	*267.31*	
		For 12 Fins Per Inch, Add	*668.27*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,579.34	1,282.60
		For 10 Fins Per Inch, Add	*240.28*	
		For 12 Fins Per Inch, Add	*600.71*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,332.87	554.42
		For 10 Fins Per Inch, Add	*164.48*	
		For 12 Fins Per Inch, Add	*411.20*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,817.62	831.57
		For 10 Fins Per Inch, Add	*203.09*	
		For 12 Fins Per Inch, Add	*507.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,495.78	1,240.58
		For 10 Fins Per Inch, Add	*240.29*	
		For 12 Fins Per Inch, Add	*600.73*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,852.53	1,455.26
		For 10 Fins Per Inch, Add	*258.84*	
		For 12 Fins Per Inch, Add	*647.10*	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,419.28	191.31
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,449.43	295.43
		For 10 Fins Per Inch, Add	*117.18*	
		For 12 Fins Per Inch, Add	*292.94*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,520.65	526.69
		For 10 Fins Per Inch, Add	*169.36*	
		For 12 Fins Per Inch, Add	*423.39*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,508.08	807.60
		For 10 Fins Per Inch, Add	*217.87*	
		For 12 Fins Per Inch, Add	*544.68*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,971.42	1,009.80
		For 10 Fins Per Inch, Add	*259.07*	
		For 12 Fins Per Inch, Add	*647.67*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	17,343.19	1,210.80
		For 10 Fins Per Inch, Add	*298.43*	
		For 12 Fins Per Inch, Add	*746.08*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	19,992.40	1,345.20
		For 10 Fins Per Inch, Add	*346.03*	
		For 12 Fins Per Inch, Add	*865.09*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,636.45	1,560.35
		For 10 Fins Per Inch, Add	*270.32*	
		For 12 Fins Per Inch, Add	*675.79*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,603.48	675.62
		For 10 Fins Per Inch, Add	*185.04*	
		For 12 Fins Per Inch, Add	*462.61*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,455.31	1,015.73
		For 10 Fins Per Inch, Add	*228.48*	
		For 12 Fins Per Inch, Add	*571.19*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,574.04	1,528.75
		For 10 Fins Per Inch, Add	*270.33*	
		For 12 Fins Per Inch, Add	*675.82*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	18,120.98	1,780.60
		For 10 Fins Per Inch, Add	*291.20*	
		For 12 Fins Per Inch, Add	*727.99*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	641.55	94.39
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	657.27	101.74
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	675.84	111.56
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	682.09	115.23
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	698.13	122.59
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	716.58	132.39
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	826.93	148.33
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	841.88	155.68
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	854.13	160.59
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	872.06	170.40
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	956.80	180.20
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	991.69	197.36
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,026.37	214.52
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,063.46	231.69
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,488.71	323.62
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,735.61	344.47
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,001.45	394.72
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,556.04	437.62
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,725.43	475.63
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,081.78	522.22
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,042.25	557.77
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,543.97	599.45
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,758.27	647.25
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	7,620.04	703.64

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,034.14	134.85
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,064.97	147.11
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,077.42	147.11
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,164.40	161.81
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,216.68	161.81
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,244.51	161.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,306.12	180.20
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,361.49	202.27
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,389.32	202.27
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,564.00	231.69
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,008.70	231.69
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,133.02	251.30
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,512.55	269.69
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,991.09	269.69
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,265.58	281.94
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,431.50	281.94

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,945.23	196.15
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.53*	
23 82 19 00-0004	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,344.78	228.84
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.85*	
23 82 19 00-0005	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,980.69	257.90
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.76*	
23 82 19 00-0006	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,575.91	295.43
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.53*	
23 82 19 00-0007	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,183.74	309.96
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.57*	
23 82 19 00-0008	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,719.01	328.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-114.09*	
23 82 19 00-0009	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,931.89	355.98
		For 2-Way Valve Instead Of 3-Way, Deduct	*-118.42*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,365.89	196.15
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.53*	
23 82 19 00-0012	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,909.26	228.84
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.85*	
23 82 19 00-0013	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,080.66	257.90
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.76*	
23 82 19 00-0014	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,567.30	295.43
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.53*	
23 82 19 00-0015	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,008.81	311.17
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.57*	
23 82 19 00-0016	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,399.81	328.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-114.09*	
23 82 19 00-0017	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,048.10	355.98
		For 2-Way Valve Instead Of 3-Way, Deduct	*-118.42*	
23 82 19 00-0018	EA	1,400 CFM, 42 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,788.71	369.30
		For 2-Way Valve Instead Of 3-Way, Deduct	*-120.39*	
23 82 19 00-0019	EA	1,600 CFM, 48 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	13,182.27	384.42
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.66*	
23 82 19 00-0020	EA	1,800 CFM, 54 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	14,191.20	399.56
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.93*	

23 82 19 00-0021 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0022 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0021)*

23 82 19 00-0023	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,834.16	194.94
		For Fan Coil Units Without Cabinet, Deduct	*-386.07*	
		For Thru-Wall Sleeve, Add	*133.12*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.53*	
23 82 19 00-0024	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,233.70	228.84
		For Fan Coil Units Without Cabinet, Deduct	*-439.36*	
		For Thru-Wall Sleeve, Add	*146.38*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.85*	
23 82 19 00-0025	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,847.38	257.90
		For Fan Coil Units Without Cabinet, Deduct	*-525.58*	
		For Thru-Wall Sleeve, Add	*158.05*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0026	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,422.62	295.43
		For Fan Coil Units Without Cabinet, Deduct	*-604.33*	
		For Thru-Wall Sleeve, Add	*173.13*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.53*	
23 82 19 00-0027	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,008.25	311.17
		For Fan Coil Units Without Cabinet, Deduct	*-689.15*	
		For Thru-Wall Sleeve, Add	*179.18*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.57*	
23 82 19 00-0028	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	6,485.75	328.13
		For Fan Coil Units Without Cabinet, Deduct	*-907.41*	
		For Thru-Wall Sleeve, Add	*185.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-114.09*	
23 82 19 00-0029	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	7,654.21	355.98
		For Fan Coil Units Without Cabinet, Deduct	*-1,076.91*	
		For Thru-Wall Sleeve, Add	*197.45*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-118.42*	

23 82 19 00-0030 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0021)*

23 82 19 00-0031	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,192.90	194.94
		For Fan Coil Units Without Cabinet, Deduct	*-589.88*	
		For Thru-Wall Sleeve, Add	*133.12*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.53*	
23 82 19 00-0032	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,715.50	228.84
		For Fan Coil Units Without Cabinet, Deduct	*-661.63*	
		For Thru-Wall Sleeve, Add	*146.38*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.85*	
23 82 19 00-0033	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,838.47	257.90
		For Fan Coil Units Without Cabinet, Deduct	*-824.25*	
		For Thru-Wall Sleeve, Add	*158.05*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.76*	
23 82 19 00-0034	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	6,674.35	295.43
		For Fan Coil Units Without Cabinet, Deduct	*-942.09*	
		For Thru-Wall Sleeve, Add	*173.13*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.53*	
23 82 19 00-0035	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	7,465.09	311.17
		For Fan Coil Units Without Cabinet, Deduct	*-1,057.67*	
		For Thru-Wall Sleeve, Add	*179.18*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.57*	
23 82 19 00-0036	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	9,019.58	328.13
		For Fan Coil Units Without Cabinet, Deduct	*-1,287.49*	
		For Thru-Wall Sleeve, Add	*185.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-114.09*	
23 82 19 00-0037	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	10,598.25	355.98
		For Fan Coil Units Without Cabinet, Deduct	*-1,518.51*	
		For Thru-Wall Sleeve, Add	*197.45*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-118.42*	
23 82 19 00-0038	EA	1,400 CFM, 42 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	11,631.45	369.30
		For Fan Coil Units Without Cabinet, Deduct	*-1,670.86*	
		For Thru-Wall Sleeve, Add	*202.72*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-120.39*	
23 82 19 00-0039	EA	1,600 CFM, 48 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	12,867.75	384.42
		For Fan Coil Units Without Cabinet, Deduct	*-1,853.28*	
		For Thru-Wall Sleeve, Add	*208.77*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.66*	
23 82 19 00-0040	EA	1,800 CFM, 54 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	13,732.67	384.42
		For Fan Coil Units Without Cabinet, Deduct	*-1,979.99*	
		For Thru-Wall Sleeve, Add	*214.82*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.93*	

23 82 19 00-0041 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0042	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	514.80	

23 82 19 00-0043 Fan Coil Units (Carrier) *(23 82 19)*

Note: Provide Pre-Manufactured Or Field Fabricated Filter Rack With 2" Merv 13, Pleated Throwaway Filters. Disconnect Switch Provided By Division 26 Contractor. Suspend Unit From Structure In Horizontal Position With All -Thread Rod And Spring Vibration Isolation (2" Minimum Deflection). Provide Necessary Mounting Bracket And Accessories For Specified Mounting. Provide Auxiliary Drain Pan With Auxiliary Drain Provided By Plumbing Contractor. Provide Unit With Space Temperature Control Devices Consistent With The Following Control Methods: Thermostat Or Room Controller For Local Override Of Centralized Controller With Integral Temperature Sensor. Temperature Sensor Without Local Override. Thermostat Or Room Controller For Local Override Of Centralized Controller With Remote Temperature Sensor. Fan Coil Unit With Integral Temperature Sensor In Return Airstream Without Local Override (Factory Default Setting).

23 82 19 00-0044	EA	450 To 500 CFM, 12.1 To 14.2 MBH Cooling, Deck Mount, Fan Coil Unit (Carrier MMD-AP0184BH2UL-1)	2,139.89	257.90
23 82 19 00-0045	EA	1,200 CFM, 33.3 To 39.5 MBH Cooling, Floor Mount, Fan Coil Unit (Carrier MMD-AP0360VHG2UL)	3,706.91	355.98
		For Filter Box With 2" MERV 8 Filter (Carrier TCB-FB2F361VDGUL), Add	*301.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0046	EA	150 To 230 CFM, 3.9 To 7.5 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0073H2UL)	1,158.08	196.15
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*496.72*	
23 82 19 00-0047	EA	470 CFM, 15.8 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0183H2UL)	1,340.97	228.84
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*496.72*	
23 82 19 00-0048	EA	Single Port Flow Selector (Carrier RBM-Y0963FUL)	1,303.23	284.90
23 82 19 00-0049	EA	Multiport Flow Selector 4-Branch Unit (Carrier RBM-Y0611F4PUL)	3,951.40	372.56
23 82 19 00-0050	EA	Y-Branch For Heat Recovery, 61-135k BTU (Carrier RBM-BY105FUL)	206.70	42.38
23 82 19 00-0051	EA	Y-Branch For Heat Recovery, 136-238k BTU (Carrier RBM-BY205FUL)	282.68	45.40
23 82 19 00-0052	EA	12 MBH, Ductless Variable Flow (VRF), Wall Mounted, Indoor Heat Pump (Carrier MMK-AP0123H2UL)	1,112.76	196.15
23 82 19 00-0053	EA	Single Port Flow Selector (Carrier RBM-Y0383FUL)	3,236.81	284.90
23 82 19 00-0054	EA	Outdoor Heat Recovery Connection (Carrier RBM-BT14FUL)	445.03	42.38

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demolish Cast Iron Radiator	36.31	
23 82 29 00-0003	EA	Cap Radiator	58.36	

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	60.28	
		For Wall Support Bracket, Add	*29.35*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	86.33	
		For Wall Support Bracket, Add	*30.92*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	100.74	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	127.42	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	83.07	

23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	137.36	6.65
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	85.67	6.65

23 82 29 00-0013 Radiator Shields *(23 82 29)*

23 82 29 00-0014	SF	Stainless Steel Radiator Shield	69.70	6.65
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	48.11	6.65

23 82 29 00-0016 Removal And Reinstallation Of Radiator *(23 82 29)*

Note: Includes storage and cleaning.

23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	90.81	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	60.54	

23 82 33 Convectors *(23 82)*

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	608.11	133.18
		For Metal Trim Strips, Add	*66.54*	
		For Snap-On Inlet Grille, Add	*50.36*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*142.21*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	716.75	145.30
		For Metal Trim Strips, Add	*72.05*	
		For Snap-On Inlet Grille, Add	*54.03*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*173.81*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	824.59	171.94
		For Metal Trim Strips, Add	*84.08*	
		For Snap-On Inlet Grille, Add	*62.05*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*197.51*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	987.49	199.79
		For Metal Trim Strips, Add	*96.80*	
		For Snap-On Inlet Grille, Add	*70.53*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*239.69*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,177.55	239.74
		For Metal Trim Strips, Add	*114.95*	
		For Snap-On Inlet Grille, Add	*82.63*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*285.04*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,324.88	263.71
		For Metal Trim Strips, Add	*125.83*	
		For Snap-On Inlet Grille, Add	*89.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*323.90*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,539.16	319.65
		For Metal Trim Strips, Add	*151.25*	
		For Snap-On Inlet Grille, Add	*106.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*369.25*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,680.51	339.63
		For Metal Trim Strips, Add	*160.34*	
		For Snap-On Inlet Grille, Add	*112.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*408.12*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,833.52	379.58
		For Metal Trim Strips, Add	*178.48*	
		For Snap-On Inlet Grille, Add	*124.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*440.51*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,023.68	419.54
		For Metal Trim Strips, Add	*196.66*	
		For Snap-On Inlet Grille, Add	*137.10*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*485.86*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,176.73	459.49
		For Metal Trim Strips, Add	*214.81*	
		For Snap-On Inlet Grille, Add	*149.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*518.25*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0014		26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*		
23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	714.22	175.20
		For Metal Trim Strips, Add	*84.83*	
		For Snap-On Inlet Grille, Add	*62.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*158.01*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	838.68	203.53
		For Metal Trim Strips, Add	*97.54*	
		For Snap-On Inlet Grille, Add	*71.03*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*186.74*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,014.89	239.01
		For Metal Trim Strips, Add	*113.47*	
		For Snap-On Inlet Grille, Add	*81.64*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*229.83*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,190.01	266.50
		For Metal Trim Strips, Add	*125.80*	
		For Snap-On Inlet Grille, Add	*89.87*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*276.73*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,389.37	299.67
		For Metal Trim Strips, Add	*140.73*	
		For Snap-On Inlet Grille, Add	*99.82*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*329.09*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,555.14	324.61
		For Metal Trim Strips, Add	*152.00*	
		For Snap-On Inlet Grille, Add	*107.33*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*373.97*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,773.47	369.90
		For Metal Trim Strips, Add	*172.62*	
		For Snap-On Inlet Grille, Add	*121.08*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*426.32*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,935.19	392.54
		For Metal Trim Strips, Add	*182.67*	
		For Snap-On Inlet Grille, Add	*127.78*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*471.20*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,094.44	428.02
		For Metal Trim Strips, Add	*198.39*	
		For Snap-On Inlet Grille, Add	*138.26*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*508.60*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,296.97	462.77
		For Metal Trim Strips, Add	*214.28*	
		For Snap-On Inlet Grille, Add	*148.85*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*560.95*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,451.47	494.61
		For Metal Trim Strips, Add	*228.57*	
		For Snap-On Inlet Grille, Add	*158.38*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*598.35*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	819.30	213.10
		For Metal Trim Strips, Add	*102.81*	
		For Snap-On Inlet Grille, Add	*74.54*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*173.81*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	977.47	257.90
		For Metal Trim Strips, Add	*123.17*	
		For Snap-On Inlet Grille, Add	*88.12*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*205.41*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,178.89	301.49
		For Metal Trim Strips, Add	*142.97*	
		For Snap-On Inlet Grille, Add	*101.31*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*252.82*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,366.12	327.64
		For Metal Trim Strips, Add	*154.92*	
		For Snap-On Inlet Grille, Add	*109.28*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*304.41*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,570.21	354.04
		For Metal Trim Strips, Add	*166.78*	
		For Snap-On Inlet Grille, Add	*117.19*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*361.99*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,750.23	379.58
		For Metal Trim Strips, Add	*178.48*	
		For Snap-On Inlet Grille, Add	*124.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*411.36*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,963.47	411.55
		For Metal Trim Strips, Add	*193.08*	
		For Snap-On Inlet Grille, Add	*134.72*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*468.95*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,144.71	437.94
		For Metal Trim Strips, Add	*205.15*	
		For Snap-On Inlet Grille, Add	*142.76*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*518.31*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,305.83	467.49
		For Metal Trim Strips, Add	*218.22*	
		For Snap-On Inlet Grille, Add	*151.48*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*559.45*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,513.90	495.46
		For Metal Trim Strips, Add	*231.28*	
		For Snap-On Inlet Grille, Add	*160.19*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*617.04*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,667.14	519.43
		For Metal Trim Strips, Add	*241.99*	
		For Snap-On Inlet Grille, Add	*167.33*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*658.18*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	656.25	131.53
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	725.33	131.53

23 82 33 00-0042 6" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	757.21	131.53
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	863.48	131.53
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	956.47	131.53
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,102.60	131.53

23 82 36 Finned-Tube Radiation Heaters *(23 82)*

23 82 36 00-0001 Finned Tube Baseboard Units *(23 82 36)*

Note: Complete with steel enclosure. Single heating element.

23 82 36 00-0002 3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*

23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	386.45	47.22
		For 90 Degree Corner, Add	*55.69*	
		For Valve Enclosure, Add	*55.69*	
		For Filler Piece, Add	*48.69*	
		For End Cap, Add	*37.70*	
		For Copper Tube With Aluminum Fins, Add	*8.69*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	512.18	71.43
		For 90 Degree Corner, Add	*65.04*	
		For Valve Enclosure, Add	*65.04*	
		For Filler Piece, Add	*58.04*	
		For End Cap, Add	*43.77*	
		For Copper Tube With Aluminum Fins, Add	*13.04*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	618.71	94.44
		For 90 Degree Corner, Add	*70.54*	
		For Valve Enclosure, Add	*70.54*	
		For Filler Piece, Add	*63.54*	
		For End Cap, Add	*47.35*	
		For Copper Tube With Aluminum Fins, Add	*17.38*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	770.70	132.22
		For 90 Degree Corner, Add	*85.55*	
		For Valve Enclosure, Add	*85.55*	
		For Filler Piece, Add	*78.55*	
		For End Cap, Add	*57.11*	
		For Copper Tube With Aluminum Fins, Add	*21.61*	
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	921.81	158.86
		For 90 Degree Corner, Add	*100.81*	
		For Valve Enclosure, Add	*100.81*	
		For Filler Piece, Add	*93.81*	
		For End Cap, Add	*67.02*	
		For Copper Tube With Aluminum Fins, Add	*25.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,045.65	169.51
		For 90 Degree Corner, Add	*106.86*	
		For Valve Enclosure, Add	*106.86*	
		For Filler Piece, Add	*99.86*	
		For End Cap, Add	*70.96*	
		For Copper Tube With Aluminum Fins, Add	*30.87*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,152.65	187.31
		For 90 Degree Corner, Add	*117.04*	
		For Valve Enclosure, Add	*117.04*	
		For Filler Piece, Add	*110.04*	
		For End Cap, Add	*77.57*	
		For Copper Tube With Aluminum Fins, Add	*33.96*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,316.42	211.89
		For 90 Degree Corner, Add	*131.08*	
		For Valve Enclosure, Add	*131.08*	
		For Filler Piece, Add	*124.08*	
		For End Cap, Add	*86.70*	
		For Copper Tube With Aluminum Fins, Add	*39.11*	
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,451.87	233.08
		For 90 Degree Corner, Add	*143.20*	
		For Valve Enclosure, Add	*143.20*	
		For Filler Piece, Add	*136.20*	
		For End Cap, Add	*94.58*	
		For Copper Tube With Aluminum Fins, Add	*43.22*	
23 82 36 00-0012		1" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	454.18	47.22
		For 90 Degree Corner, Add	*55.69*	
		For Valve Enclosure, Add	*55.69*	
		For Filler Piece, Add	*48.69*	
		For End Cap, Add	*37.70*	
		For Copper Tube With Aluminum Fins, Add	*12.42*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	613.77	71.43
		For 90 Degree Corner, Add	*65.04*	
		For Valve Enclosure, Add	*65.04*	
		For Filler Piece, Add	*58.04*	
		For End Cap, Add	*43.77*	
		For Copper Tube With Aluminum Fins, Add	*18.62*	
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	754.15	94.44
		For 90 Degree Corner, Add	*70.54*	
		For Valve Enclosure, Add	*70.54*	
		For Filler Piece, Add	*63.54*	
		For End Cap, Add	*47.35*	
		For Copper Tube With Aluminum Fins, Add	*24.83*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	939.26	132.22
		For 90 Degree Corner, Add	*85.58*	
		For Valve Enclosure, Add	*85.58*	
		For Filler Piece, Add	*78.58*	
		For End Cap, Add	*57.13*	
		For Copper Tube With Aluminum Fins, Add	*30.87*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,122.10	158.86
		For 90 Degree Corner, Add	*100.77*	
		For Valve Enclosure, Add	*100.77*	
		For Filler Piece, Add	*93.77*	
		For End Cap, Add	*67.00*	
		For Copper Tube With Aluminum Fins, Add	*36.75*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,286.24	169.51
		For 90 Degree Corner, Add	*106.86*	
		For Valve Enclosure, Add	*106.86*	
		For Filler Piece, Add	*99.86*	
		For End Cap, Add	*70.96*	
		For Copper Tube With Aluminum Fins, Add	*44.11*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,416.92	187.31
		For 90 Degree Corner, Add	*116.96*	
		For Valve Enclosure, Add	*116.96*	
		For Filler Piece, Add	*109.96*	
		For End Cap, Add	*77.53*	
		For Copper Tube With Aluminum Fins, Add	*48.52*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,621.17	211.89
		For 90 Degree Corner, Add	*131.08*	
		For Valve Enclosure, Add	*131.08*	
		For Filler Piece, Add	*124.08*	
		For End Cap, Add	*86.70*	
		For Copper Tube With Aluminum Fins, Add	*55.87*	
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,787.96	233.08
		For 90 Degree Corner, Add	*143.05*	
		For Valve Enclosure, Add	*143.05*	
		For Filler Piece, Add	*136.05*	
		For End Cap, Add	*94.49*	
		For Copper Tube With Aluminum Fins, Add	*61.75*	
23 82 36 00-0022		1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	521.89	47.22
		For 90 Degree Corner, Add	*55.69*	
		For Valve Enclosure, Add	*55.69*	
		For Filler Piece, Add	*48.69*	
		For End Cap, Add	*37.70*	
		For Copper Tube With Aluminum Fins, Add	*16.14*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	715.35	71.43
		For 90 Degree Corner, Add	*65.04*	
		For Valve Enclosure, Add	*65.04*	
		For Filler Piece, Add	*58.04*	
		For End Cap, Add	*43.77*	
		For Copper Tube With Aluminum Fins, Add	*24.21*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	889.59	94.44
		For 90 Degree Corner, Add	*70.54*	
		For Valve Enclosure, Add	*70.54*	
		For Filler Piece, Add	*63.54*	
		For End Cap, Add	*47.35*	
		For Copper Tube With Aluminum Fins, Add	*32.28*	
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,107.66	132.22
		For 90 Degree Corner, Add	*85.58*	
		For Valve Enclosure, Add	*85.58*	
		For Filler Piece, Add	*78.58*	
		For End Cap, Add	*57.13*	
		For Copper Tube With Aluminum Fins, Add	*40.14*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,322.58	158.86
		For 90 Degree Corner, Add	*100.77*	
		For Valve Enclosure, Add	*100.77*	
		For Filler Piece, Add	*93.77*	
		For End Cap, Add	*67.00*	
		For Copper Tube With Aluminum Fins, Add	*47.78*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,526.82	169.51
		For 90 Degree Corner, Add	*106.86*	
		For Valve Enclosure, Add	*106.86*	
		For Filler Piece, Add	*99.86*	
		For End Cap, Add	*70.96*	
		For Copper Tube With Aluminum Fins, Add	*57.34*	
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,681.56	187.31
		For 90 Degree Corner, Add	*116.96*	
		For Valve Enclosure, Add	*116.96*	
		For Filler Piece, Add	*109.96*	
		For End Cap, Add	*77.53*	
		For Copper Tube With Aluminum Fins, Add	*63.07*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,925.90	211.89
		For 90 Degree Corner, Add	*131.08*	
		For Valve Enclosure, Add	*131.08*	
		For Filler Piece, Add	*124.08*	
		For End Cap, Add	*86.70*	
		For Copper Tube With Aluminum Fins, Add	*72.63*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	2,124.77	233.08
		For 90 Degree Corner, Add	*143.05*	
		For Valve Enclosure, Add	*143.05*	
		For Filler Piece, Add	*136.05*	
		For End Cap, Add	*94.49*	
		For Copper Tube With Aluminum Fins, Add	*80.27*	

23 82 36 00-0032 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0033 Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	155.43	73.07
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	158.62	73.07

23 82 36 00-0036 Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	187.31	73.07
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	195.28	73.07

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Electric Cabinet Unit Heaters *(23 82 39 13)*

Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,236.15	166.07
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,261.64	166.07
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,287.13	166.07
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,312.60	166.07
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,338.08	166.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,363.57	166.07
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	3,390.07	166.07
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	221.88	110.27
23 82 39 13-0011		**Electric Cabinet Unit Heaters, 45" Cabinet Length** *(23 82 39 13-0001)*		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,440.18	199.28
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,491.16	199.28
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,542.12	199.28
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,593.09	199.28
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,644.05	199.28
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,695.02	199.28
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,745.98	199.28
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	265.72	132.86
23 82 39 13-0020		**Electric Cabinet Unit Heaters, 58" Cabinet Length** *(23 82 39 13-0001)*		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,320.20	265.72
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,371.15	265.72
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,422.13	265.72
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,473.08	265.72
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,524.06	265.72
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,575.01	265.72
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	332.15	166.07
23 82 39 13-0028		**Electric Cabinet Unit Heaters, 68" Cabinet Length** *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,098.29	332.15
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,174.73	332.15
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,251.17	332.15
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,327.62	332.15
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,404.08	332.15
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,480.52	332.15
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,556.97	332.15
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	443.75	221.88
23 82 39 13-0037		**Electric Cabinet Unit Heaters, 78" Cabinet Length** *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,978.29	398.58
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,080.22	398.58
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,182.15	398.58
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,284.08	398.58
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,386.01	398.58
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,487.94	398.58
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,589.87	398.58
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	531.43	265.72
23 82 39 13-0046		**Removal and Reinstallation of Cabinet Unit Heaters** *(23 82 39 13)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	332.97	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	575.15	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	686.52	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	928.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,430.15	121.08
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,433.38	121.08
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,619.65	121.08
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,934.57	181.62
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,029.87	181.62
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,171.77	181.62
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,572.21	242.16
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,858.11	242.16
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,040.04	242.16
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,187.32	242.16
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,555.30	302.70
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,605.14	302.70
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,652.79	302.70
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,832.27	363.23
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,204.80	363.23
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,783.05	423.78
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	6,132.36	423.78
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	6,474.25	484.32
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	7,860.40	484.32
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	280.48	30.27

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,062.38	121.08
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,165.25	181.62
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,352.61	181.62
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,864.63	242.16
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,048.70	242.16
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,498.72	363.23
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,780.29	363.23
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,016.39	363.23
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,460.32	423.78
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,739.74	423.78
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,305.00	423.78
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	6,062.53	544.86
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	7,942.50	544.86
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	8,518.62	544.86
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	9,718.31	605.40
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	387.21	30.27

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	726.48	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	968.63	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	945.97	132.86
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	945.97	132.86
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,268.49	166.07
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,455.17	199.28
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	2,122.48	265.72
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	3,089.93	332.15
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,262.94	398.58
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	6,227.45	465.00
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,167.11	132.86
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,123.94	132.86
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,331.69	166.07
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,537.40	199.28
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,286.93	265.72

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	433.30	83.04
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	506.79	93.00
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	790.21	93.00
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	491.51	83.04
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	598.65	93.00

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	898.11	93.00
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	646.43	109.61
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,200.97	116.25
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	1,350.75	116.25
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,567.38	122.89
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,698.89	122.89
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	724.23	109.61
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,323.51	116.25
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,473.29	116.25
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	685.94	83.04

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	435.92	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	896.09	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 13 Radiant-Heating Electric Cables *(23 83 13)*

23 83 13 13-0001 Self Regulating Heating Cable *(23 83 13 13)*

23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 Degrees F.	9.36	0.80
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.99	0.80
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	10.44	0.80
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.36	0.80
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F	11.07	0.80
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	11.70	0.80
23 83 13 13-0008	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 Degrees F.	11.69	0.80
23 83 13 13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.99	0.80
23 83 13 13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	12.28	0.80
23 83 13 13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.69	0.80
23 83 13 13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F	11.99	0.80
23 83 13 13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	12.28	0.80
23 83 13 13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 Degrees F.	14.63	0.80
23 83 13 13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	15.21	0.80
23 83 13 13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	15.51	0.80
23 83 13 13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.63	0.80
23 83 13 13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F	15.21	0.80
23 83 13 13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	15.51	0.80
23 83 13 13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	323.51	63.38
23 83 13 13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	323.51	63.38
23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	219.78	11.53
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	596.32	28.81
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	657.51	28.81

23 83 33 Electric Radiant Heaters *(23 83)*

23 83 33 00-0001 Residential Wall Heaters *(23 83 33)*

23 83 33 00-0002	EA	750 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	521.57	132.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 83 33 00-0003	EA	1,000 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	521.57	132.86
23 83 33 00-0004	EA	1,250 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	585.53	132.86
23 83 33 00-0005	EA	1,500 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	585.53	132.86
23 83 33 00-0006	EA	2,000 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	598.32	132.86
23 83 33 00-0007	EA	2,500 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	598.32	132.86
23 83 33 00-0008	EA	3,000 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	649.50	132.86
23 83 33 00-0009	EA	4,000 Watt Wall Heater With Fan, Recessed, Residential 120-277 Volt	675.08	132.86
23 83 33 00-0010		Commercial Wall Heaters *(23 83 33)*		
23 83 33 00-0011	EA	750 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	623.91	132.86
23 83 33 00-0012	EA	1,000 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	623.91	132.86
23 83 33 00-0013	EA	1,250 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	623.91	132.86
23 83 33 00-0014	EA	1,500 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	675.08	132.86
23 83 33 00-0015	EA	2,000 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	713.46	132.86
23 83 33 00-0016	EA	2,500 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	713.46	132.86
23 83 33 00-0017	EA	3,000 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	905.34	132.86
23 83 33 00-0018	EA	4,000 Watt Wall Heater With Fan, Recessed, Commercial 120-277 Volt	905.34	132.86

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)*
Note: Electronic modulating duct or air handling unit installation 208V-108V with 12" to 72" manifolds included.

23 84 13 16-0002	EA	1-96 Lb./Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	13,403.26	498.84
23 84 13 16-0003	EA	20-168 Lb./Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	17,002.87	500.06

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

23 84 13 23-0001 Steam Type Pneumatically Controlled *(23 84 13 23)*
Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

23 84 13 23-0002	EA	3-191 Lb./Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,150.11	319.65
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*661.18*	
23 84 13 23-0003	EA	3-191 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,150.11	319.65
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*661.18*	
23 84 13 23-0004	EA	65-334 Lb./Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	3,097.18	319.65
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*945.30*	
23 84 13 23-0005	EA	65-334 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,218.26	399.56
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*985.66*	
23 84 13 23-0006	EA	100-690 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,654.41	319.65
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,412.47*	
23 84 13 23-0007	EA	100-690 Lb./Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,775.49	399.56
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,452.83*	
23 84 13 23-0008	EA	220-2,000 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	7,208.66	399.56
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,182.78*	
23 84 13 23-0009	EA	220-2,000 Lb./Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	7,360.00	500.06
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,233.22*	

23 84 13 29 Self-Contained Steam Humidifiers *(23 84 13)*

23 84 13 29-0001 Residential Humidifiers *(23 84 13 29)*
Note: Includes solenoid valve and flow through water supply.

23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	616.49	60.54

23 84 16 Mechanical Dehumidification Units *(23 84)*

23 84 16 16 Indoor, Mechanical Dehumidification Units *(23 84 16)*

23 84 16 16-0001 Mechanical Dehumidification Units *(23 84 16 16)*
Note: Sized by moisture removal per 24 hours.

23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	2,392.91	66.43
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,010.82	77.49
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	4,036.30	88.58

23 84 16 33 Portable Dehumidifiers *(23 84 16)*

23 84 16 33-0001 Self Contained Free Standing Unit *(23 84 16 33)*
Note: Sized by moisture removal per 24 hours.

23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier	547.41	143.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier	657.90	143.71
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier	724.19	143.71

END OF SECTION 23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electricial equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*
Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C)	485.89
		Note: 2mm thick, aluminum frame, hinged cover.	
		For Up To 20, Add	*103.73*
		For >20 To 50, Add	*82.98*
		For >50 To 100, Add	*41.49*
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C)	634.60
		Note: 2mm thick, aluminum frame, hinged cover.	
		For Up To 20, Add	*140.91*
		For >20 To 50, Add	*112.72*
		For >50 To 100, Add	*56.36*
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C)	961.76
		Note: 4mm thick, aluminum frame, hinged cover.	
		For Up To 20, Add	*222.70*
		For >20 To 50, Add	*178.16*
		For >50 To 100, Add	*89.08*
26 01 10 91-0005	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2)	484.26
		Note: 2mm thick, aluminum frame, twist cover.	
		For Up To 20, Add	*103.32*
		For >20 To 50, Add	*82.66*
		For >50 To 100, Add	*41.33*
26 01 10 91-0006	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3)	622.49
		Note: 2mm thick, aluminum frame, twist cover.	
		For Up To 20, Add	*137.88*
		For >20 To 50, Add	*110.30*
		For >50 To 100, Add	*55.15*
26 01 10 91-0007	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4)	934.87
		Note: 4mm thick, aluminum frame, twist cover.	
		For Up To 20, Add	*215.97*
		For >20 To 50, Add	*172.78*
		For >50 To 100, Add	*86.39*
26 01 10 91-0008	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	378.81
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		For Up To 20, Add	*76.96*
		For >20 To 50, Add	*61.57*
		For >50 To 100, Add	*30.78*
26 01 10 91-0009	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	539.42
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		For Up To 20, Add	*117.11*
		For >20 To 50, Add	*93.69*
		For >50 To 100, Add	*46.84*
26 01 10 91-0010	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	773.64
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		For Up To 20, Add	*175.67*
		For >20 To 50, Add	*140.53*
		For >50 To 100, Add	*70.27*
26 01 10 91-0011	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	704.15
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	*158.29*
		For >20 To 50, Add	*126.63*
		For >50 To 100, Add	*63.32*
26 01 10 91-0012	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	972.86
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	*225.47*
		For >20 To 50, Add	*180.38*
		For >50 To 100, Add	*90.19*
26 01 10 91-0013	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,793.58
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	*430.65*
		For >20 To 50, Add	*344.52*
		For >50 To 100, Add	*172.26*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0014	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	810.95	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*184.99*	
		For >20 To 50, Add	*147.99*	
		For >50 To 100, Add	*74.00*	
26 01 10 91-0015	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,200.03	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*282.26*	
		For >20 To 50, Add	*225.81*	
		For >50 To 100, Add	*112.91*	

26 01 10 99 Medium-Voltage Electrical Distribution, Facilities Maintenance and Repair *(26 01 10)*

26 01 10 99-0001 Liquid Filled Primary Transformer *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0002 Repair 500 KVA Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0003	EA	Remove Transformer Component, Repair 500 KVA Liquid Filled Primary Transformer	114.05
26 01 10 99-0004	EA	Install New Transformer Component, Repair 500 KVA Liquid Filled Primary Transformer	2,795.03

26 01 10 99-0005 Maintenance And Inspection, Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0006	EA	Test Energized Transformer, Maintenance And Inspection, Liquid Filled Primary Transformer	57.03

26 01 10 99-0007 Replace 500 KVA Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0008	EA	Remove Transformer, Replace 500 KVA Liquid Filled Primary Transformer	1,745.11
26 01 10 99-0009	EA	Install New 5 KV Primary, 277/480 Volt Secondary, Replace 500 KVA Liquid Filled Primary Transformer	46,280.49

26 01 10 99-0010 Switchgear, Mainframe *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0011 Repair 1,200 Amp Switchgear *(26 01 10 99-0010)*

26 01 10 99-0012	EA	Remove Relay, Repair 1,200 Amperes Switchgear	194.12
26 01 10 99-0013	EA	Install New Relay, Repair 1,200 Amperes Switchgear	1,905.64

26 01 10 99-0014 Maintenance And Inspection, Mainframe Switchgear *(26 01 10 99-0010)*

26 01 10 99-0015	EA	Check And Retighten Switchgear Connections, Maintenance And Inspection, Mainframe Switchgear	91.24

26 01 10 99-0016 Replace 1,200 Amp Switchgear *(26 01 10 99-0010)*

26 01 10 99-0017	EA	Remove 1,200 Amperes Switchgear, Replace 1,200 Amperes Switchgear	684.31
26 01 10 99-0018	EA	Install New 1,200 Amperes Switchgear, Replace 1,200 Amperes Switchgear	4,331.21
26 01 10 99-0019	EA	Test Switchgear, Replace 1,200 Amperes Switchgear	228.10

26 01 10 99-0020 500kVA And Over, Dry Type Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0021	EA	Annual Preventative Maintenance For 500kVA And Over, Dry Type Transformer	107.16
		Note: 1. Examine Exterior Of Transformer For Any Damage. 2. Remove Covers Or Open Doors. 3. Check For Signs Of Moisture Or Overheating. 4. Check For Voltage Creeping Over Insulated Surfaces, Such As Evidenced By Tracking Or Carbonization. 5. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 6. Check Condition Of Ground System. 7. Reinstall Covers Or Close Doors. 8. Fill Out Maintenance Checklist And Report Deficiencies.		

26 01 10 99-0022 Pad Mounted Oil Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0023	EA	Annual Preventative Maintenance For Pad Mounted Oil Transformer	165.76
		Note: 1. Examine Exterior Of Transformer For Any Damage, Cracks, Rust And Leaks; Check Around Bushings, Gasket And Pressure Relief Device. 2. Check Condition Of Ground System. 3. Check And Record Oil Level, Pressure And Temperature Readings. 4. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 5. Draw Oil Sample From Top Of Transformer And Have Sample Tested For Dielectric Strength; Add Oil To Replace Sample Taken. 6. Clean Transformer Exterior And Surrounding Area. 7. Fill Out Maintenance Checklist And Report Deficiencies.		

26 01 10 99-0024 PCB Pad Mounted Oil Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0025	EA	Annual Preventative Maintenance For PCB Pad Mounted Oil Transformer	212.75
		Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Examine Exterior Of The Transformer For Any Damage, Cracks, Rust And Leaks; Check Around Gaskets, Pressure Relief Device And Cooling Fins. 3. Check And Record Oil Level, Pressure And Temperature Readings. 4. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 5. Check Exterior Bushings For Leaking Oil. 6. Check Condition Of Ground System. 7. Draw Oil Sample From Top Of Transformer And Have Sample Tested; Add Oil To Replace Sample Taken. 8. Clean Transformer Exterior And Surrounding Area. 9. Verify PCB Warning Markings Are Intact And Clearly Visible 10. Fill Out Maintenance Checklist And Report Deficiencies. 11. EPA Regulations Under 40 CFR 716.30 Shall Apply To All Inspections, Samples, Disposal, Cleanups, Decontamination, Reporting And Record Keeping.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*
Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	41.49
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	41.49
26 01 20 91-0004	EA	Lock Out Padlock Device Note: Includes the installation and removal of pad lock when required	11.53
26 01 20 91-0005	EA	Lock Out Tags Note: Includes filling out tag information, installation and removal of identifying tags.	5.02

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	23.95
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	23.95

26 01 20 99 Low-Voltage Electrical Distribution, Facilities Maintenance and Repair *(26 01 20)*

Note: The Maintenance & Repair section is a listing of common maintenance tasks performed at facilities. Under the System Description column, each task, including its components, is described. Labor-hours have been enhanced, where appropriate, to include setup and delay time. In some cases, the list of steps comprising the task includes most of the potential repairs that could be made on a system. For those tasks, individual items, as appropriate, can be selected from the all-encompassing list.

26 01 20 99-0001 Electrical Service/Distribution *(26 01 20 99)*
Note: Includes all required small tools and equipment.

26 01 20 99-0002 Dry Primary Transformer *(26 01 20 99-0001)*

26 01 20 99-0003 Repair 15 KV Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0004	EA	Repair Transformer Terminal (For Repair 15 KV Dry Primary Transformer)	298.61

26 01 20 99-0005 Maintenance And Inspection, Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0006	EA	Test Energized Transformer (For Maintenance And Inspection, Dry Primary Transformer)	57.03

26 01 20 99-0007 Replace 15 KV Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0008	EA	Remove Transformer (For Replace 15 KV Dry Primary Transformer)	1,745.11
26 01 20 99-0009	EA	Install New 500 KVA, 277/480 Volt Secondary (For Replace 15 KV Dry Primary Transformer)	44,192.99

26 01 20 99-0010 Fuses *(26 01 20 99-0001)*

26 01 20 99-0011 Replace Fuse *(26 01 20 99-0010)*

26 01 20 99-0012	EA	Remove Fuse (For Replace Fuse)	17.22
26 01 20 99-0013	EA	Install New Fuse 600 Amp (For Replace Fuse)	488.96

26 01 20 99-0014 Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0001)*

26 01 20 99-0015 Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0016	EA	Remove Circuit Breaker (For Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear)	45.62
26 01 20 99-0017	EA	Install New Circuit Breaker (For Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear)	830.10

26 01 20 99-0018 Maintenance And Inspection, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0019	EA	Inspect And Clean Panel (For Maintenance And Inspection, Less Than 600 Volt Indoor Switchgear)	57.03

26 01 20 99-0020 Replace 225 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0021	EA	Remove 4 Wire, 120/208 Volt, Panel Board (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	456.21
26 01 20 99-0022	EA	Install New 4 Wire, 120/208 Volt, 225 Amp Main Circuit Breaker, Panel Board (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	1,965.37
26 01 20 99-0023	EA	Test Circuits (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	172.10

26 01 20 99-0024 Replace 400 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0025	EA	Turn Power Off, Later Turn On (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	22.81
26 01 20 99-0026	EA	Remove 4 Wire, 120/208 Volt, 100 Amp, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	380.14
26 01 20 99-0027	EA	Remove 4 Wire, 120/208 Volt, 400 Amp, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	950.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0028	EA	Install New 100 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	6,698.42	
26 01 20 99-0029	EA	Install New 400 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	10,965.73	
26 01 20 99-0030	EA	Test Circuits (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	16.54	
26 01 20 99-0031		Replace 600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0032	EA	Turn Power Off, Later Turn On (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	34.22	
26 01 20 99-0033	EA	Remove 4 Wire, 120/208 Volt, 200 Amp, Panel Board (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	760.39	
26 01 20 99-0034	EA	Remove Incoming Section (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	552.93	
26 01 20 99-0035	EA	Remove Distribution Section (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	456.21	
26 01 20 99-0036	EA	Install New 225 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	6,540.41	
26 01 20 99-0037	EA	Install New Incoming Section, 600 Amp (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	7,140.70	
26 01 20 99-0038	EA	Install New Distribution Section, 600 Amp (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	3,528.78	
26 01 20 99-0039	EA	Test Circuits (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	24.86	
26 01 20 99-0040		Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0041	EA	Turn Power Off, Later Turn On (For Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	45.62	
26 01 20 99-0042	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 2 Panel Boards (For Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	1,520.66	
26 01 20 99-0043	EA	Remove Incoming Section (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	629.23	
26 01 20 99-0044	EA	Remove Distribution Section (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	506.85	
26 01 20 99-0045	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 2 Panel Boards (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	12,806.83	
26 01 20 99-0046	EA	Install New Incoming Section, 800 Amperes (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	7,389.56	
26 01 20 99-0047	EA	Install New Distribution Section, 800 Amperes (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	4,223.12	
26 01 20 99-0048	EA	Test Circuits (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	33.19	
26 01 20 99-0049		Replace 1,200 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0050	EA	Turn Power Off, Later Turn On (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	68.43	
26 01 20 99-0051	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 4 Panel Boards (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	3,041.43	
26 01 20 99-0052	EA	Remove Incoming Section (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	760.39	
26 01 20 99-0053	EA	Remove Distribution Section (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	588.62	
26 01 20 99-0054	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 4 Panel Boards (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	25,613.65	
26 01 20 99-0055	EA	Install New Incoming Section, 1,200 Amperes (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	8,922.90	
26 01 20 99-0056	EA	Install New Distribution Section, 1,200 Amperes (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	5,766.08	
26 01 20 99-0057	EA	Test Circuits (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	49.73	
26 01 20 99-0058		Replace 1,600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0059	EA	Turn Power Off, Later Turn On (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	91.24	
26 01 20 99-0060	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 6 Panel Boards (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	4,562.09	
26 01 20 99-0061	EA	Remove Incoming Section (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	829.50	
26 01 20 99-0062	EA	Remove Distribution Section (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	629.23	
26 01 20 99-0063	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 6 Panel Boards (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	38,420.37	
26 01 20 99-0064	EA	Install New Incoming Section, 1,600 Amperes (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	9,153.29	
26 01 20 99-0065	EA	Install New Distribution Section, 1,600 Ampere (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	7,814.71	
26 01 20 99-0066	EA	Test Circuits (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	66.38	
26 01 20 99-0067		Replace 2,000 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0068	EA	Turn Power Off, Later Turn On (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	114.05	
26 01 20 99-0069	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 8 Panel Boards (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	6,082.75	
26 01 20 99-0070	EA	Remove Incoming Section (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	868.96	
26 01 20 99-0071	EA	Remove Distribution Section (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	675.87	
26 01 20 99-0072	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 8 Panel Boards (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	51,227.19	
26 01 20 99-0073	EA	Install New Incoming Section, 2,000 Amperes (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	9,932.05	
26 01 20 99-0074	EA	Install New Distribution Section, 2,000 Amperes (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	9,342.35	
26 01 20 99-0075	EA	Test Circuits (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	82.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0076		600 Volt Indoor Switchgear *(26 01 20 99-0001)*		
26 01 20 99-0077		Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0078	EA	Remove Fuse (For Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear)	17.22	
26 01 20 99-0079	EA	Install New Fuse (For Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear)	488.96	
26 01 20 99-0080		Maintenance And Inspection, 600 Volt Indoor Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0081	EA	Inspect And Clean Panel (For Maintenance And Inspection, 600 Volt Indoor Switchgear)	57.03	
26 01 20 99-0082		Replace 600 Volt Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0083	EA	Remove Indoor Switchgear (For Replace 600 Volt Switchgear)	456.21	
26 01 20 99-0084	EA	Install New Switchgear (For Replace 600 Volt Switchgear)	2,989.51	
26 01 20 99-0085	EA	Test Circuits (For Replace 600 Volt Switchgear)	228.10	
26 01 20 99-0086		Switchboard Meters *(26 01 20 99-0001)*		
26 01 20 99-0087		Repair Switchboard Meter *(26 01 20 99-0086)*		
26 01 20 99-0088	EA	Repair Meter (For Repair Switchboard Meter)	1,428.37	
26 01 20 99-0089		Replace Switchboard Meter *(26 01 20 99-0086)*		
26 01 20 99-0090	EA	Remove Meter (For Replace Switchboard Meter)	57.03	
26 01 20 99-0091	EA	Install New Meter (For Replace Switchboard Meter)	4,473.04	
26 01 20 99-0092		Inverter *(26 01 20 99-0001)*		
26 01 20 99-0093		Maintenance And Repair, 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0094	EA	Repair Inverter Component (For Maintenance And Repair, 1 KVA Inverter)	970.87	
26 01 20 99-0095		Maintenance And Inspection, 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0096	EA	Check Connections, Controls And Relays, Maintenance And Inspection, 1 KVA Inverter	182.48	
26 01 20 99-0097		Replace 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0098	EA	Remove Inverter (For Replace 1 KVA Inverter)	57.03	
26 01 20 99-0099	EA	Install New Inverter (For Replace 1 KVA Inverter)	4,188.60	
26 01 20 99-0100		Up To 600 Volt Rectifier *(26 01 20 99-0001)*		
26 01 20 99-0101		Maintenance And Repair, Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0102	EA	Repair Rectifier Component (For Maintenance And Repair, Up To 600 Volt Rectifier)	817.56	
26 01 20 99-0103		Maintenance And Inspection, Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0104	EA	Check Connections, Controls And Relays (For Maintenance And Inspection, Up To 600 Volt Rectifier)	182.48	
26 01 20 99-0105		Replace Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0106	EA	Remove Rectifier (For Replace Up To 600 Volt Rectifier)	57.03	
26 01 20 99-0107	EA	Install New Rectifier (For Replace Up To 600 Volt Rectifier)	1,277.49	
26 01 20 99-0108		Less Than 600 Volt Motor Starter *(26 01 20 99-0001)*		
26 01 20 99-0109		Maintenance And Repair, Less Than 600 Volt Motor Starter *(26 01 20 99-0108)*		
26 01 20 99-0110	EA	Remove Motor Starter Coil (For Maintenance And Repair, Less Than 600 Volt Motor Starter)	57.03	
26 01 20 99-0111	EA	Install New Motor Starter Coil (For Maintenance And Repair, Less Than 600 Volt Motor Starter)	273.29	
26 01 20 99-0112		Maintenance And Inspection, Less Than 600 Volt Motor Starter *(26 01 20 99-0108)*		
26 01 20 99-0113	EA	Inspect And Clean Motor Starter (For Maintenance And Inspection, Less Than 600 Volt Motor Starter)	76.07	
26 01 20 99-0114		Replace Starter, Less Than 600 Volt Motor Starter *(26 01 20 99-0108)*		
26 01 20 99-0115	EA	Remove Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	102.53	
26 01 20 99-0116	EA	Install New 5 HP, Size 0, Magnetic Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	888.09	
26 01 20 99-0117	EA	Cut, Form, Align And Connect Wires (For Replace Starter, Less Than 600 Volt Motor Starter)	17.22	
26 01 20 99-0118	EA	Check Operation Of Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	2.05	
26 01 20 99-0119		600 Volt Motor Starter *(26 01 20 99-0001)*		
26 01 20 99-0120		Maintenance And Repair, 600 Volt Motor Starter *(26 01 20 99-0119)*		
26 01 20 99-0121	EA	Remove Motor Starter Coil (For Maintenance And Repair, 600 Volt Motor Starter)	194.12	
26 01 20 99-0122	EA	Install New Motor Starter Coil (For Maintenance And Repair, 600 Volt Motor Starter)	713.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0123		Maintenance And Inspection, 600 Volt Motor Starter *(26 01 20 99-0119)*		
26 01 20 99-0124	EA	Inspect And Clean Motor Starter (For Maintenance And Inspection, 600 Volt Motor Starter)	76.07	
26 01 20 99-0125		Replace 600 Volt Motor Starter *(26 01 20 99-0119)*		
26 01 20 99-0126	EA	Remove Motor Starter (For Replace 600 Volt Motor Starter)	380.14	
26 01 20 99-0127	EA	Install New 3 Pole, 100 HP Motor, FVRN Motor Starter (For Replace 600 Volt Motor Starter)	6,247.89	
26 01 20 99-0128	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt Motor Starter)	19.39	
26 01 20 99-0129	EA	Check Operation Of Motor Starter (For Replace 600 Volt Motor Starter)	2.05	
26 01 20 99-0130		Liquid Filled Secondary Transformer *(26 01 20 99-0001)*		
26 01 20 99-0131		Maintenance And Repair, Liquid Filled Secondary Transformer *(26 01 20 99-0130)*		
26 01 20 99-0132	EA	Remove Transformer Terminal (For Maintenance And Repair, Liquid Filled Secondary Transformer)	39.69	
26 01 20 99-0133	EA	Install New Transformer Terminal (For Maintenance And Repair, Liquid Filled Secondary Transformer)	129.01	
26 01 20 99-0134		Maintenance And Inspection, Liquid Filled Secondary Transformer *(26 01 20 99-0130)*		
26 01 20 99-0135	EA	Check Connections And Fluid (For Maintenance And Inspection, Liquid Filled Secondary Transformer)	76.07	
26 01 20 99-0136		Dry Secondary Transformer *(26 01 20 99-0001)*		
26 01 20 99-0137		Maintenance And Repair, Dry Secondary Transformer *(26 01 20 99-0136)*		
26 01 20 99-0138	EA	Remove Transformer Terminal (For Maintenance And Repair, Dry Secondary Transformer)	57.03	
26 01 20 99-0139	EA	Install New Transformer Terminal (For Maintenance And Repair, Dry Secondary Transformer)	250.79	
26 01 20 99-0140		Maintenance And Inspection Dry Secondary Transformer *(26 01 20 99-0136)*		
26 01 20 99-0141	EA	Inspect Connections And Tighten (For Maintenance And Inspection Dry Secondary Transformer)	114.05	
26 01 20 99-0142		Replace 15 KVA Transformer *(26 01 20 99-0136)*		
26 01 20 99-0143	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 15 KVA Transformer)	497.27	
26 01 20 99-0144	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 15 KVA Transformer)	3,314.75	
26 01 20 99-0145		Replace 112.5 KVA Transformer *(26 01 20 99-0136)*		
26 01 20 99-0146	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 112.5 KVA Transformer)	872.62	
26 01 20 99-0147	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 112.5 KVA Transformer)	7,218.29	
26 01 20 99-0148		Replace 500 KVA Transformer *(26 01 20 99-0136)*		
26 01 20 99-0149	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 500 KVA Transformer)	1,807.48	
26 01 20 99-0150	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 500 KVA Transformer)	25,813.99	
26 01 20 99-0151		Indoor Lighting Panel *(26 01 20 99-0001)*		
26 01 20 99-0152		Maintenance And Inspection, Indoor Lighting Panel *(26 01 20 99-0151)*		
26 01 20 99-0153	EA	Inspect And Clean Panels (For Maintenance And Inspection, Indoor Lighting Panel)	57.03	
26 01 20 99-0154		Replace 100 Amp Load Center *(26 01 20 99-0151)*		
26 01 20 99-0155	EA	Turn Power Off, Later Turn On (For Replace 100 Amp Load Center)	11.41	
26 01 20 99-0156	EA	Remove 3 Wire, 120/240 Volt, Load Center (For Replace 100 Amp Load Center)	350.94	
26 01 20 99-0157	EA	Install New 3 Wire, 120/240 Volt, 100 Amp, Load Center (For Replace 100 Amp Load Center)	1,123.95	
26 01 20 99-0158	EA	Test Circuits (For Replace 100 Amp Load Center)	8.33	
26 01 20 99-0159		Lighting And Branch Wiring *(26 01 20 99)* Note: Includes all required small tools and equipment.		
26 01 20 99-0160		Wireway *(26 01 20 99-0159)*		
26 01 20 99-0161		Replace 8" x 8" Wireway *(26 01 20 99-0160)*		
26 01 20 99-0162	LF	Remove And Reinstall Supply Box (For Replace 8" x 8" Wireway)	5.70	
26 01 20 99-0163	LF	Remove Wireway, Fittings And Support (For Replace 8" x 8" Wireway)	11.41	
26 01 20 99-0164	LF	Install New Wireway, Fittings And Support (For Replace 8" x 8" Wireway)	82.48	
26 01 20 99-0165		Non-Metallic (NM) Tubing/Sheathed Cable *(26 01 20 99-0159)*		
26 01 20 99-0166		Replace Non-Metallic (NM) Tubing/Sheathed Cable *(26 01 20 99-0165)*		
26 01 20 99-0167	MLF	Shut Off Power, Later Turn On (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	11.41	
26 01 20 99-0168	MLF	Remove And Reinstall Cover Plate (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	147.13	
26 01 20 99-0169	MLF	Remove Junction Box (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	114.05	
26 01 20 99-0170	MLF	Remove Non-Metallic (NM) Tubing, #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	1,450.75	
26 01 20 99-0171	MLF	Install Non-Metallic (NM) Tubing, #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	4,318.32	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0172	MLF	Install New Staples, For Romex Or BX Cable (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	460.48	
26 01 20 99-0173	MLF	Install New Cable Connectors For #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	101.03	
26 01 20 99-0174	MLF	Install New 4" Outlet Box Square For Romex Or BX (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	555.99	
26 01 20 99-0175		Service Cable *(26 01 20 99-0159)*		
26 01 20 99-0176		Replace Service Cable *(26 01 20 99-0175)*		
26 01 20 99-0177	MLF	Shut Off Power, Later Turn On (For Replace Service Cable)	11.41	
26 01 20 99-0178	MLF	Remove And Reinstall Cover Plate (For Replace Service Cable)	147.13	
26 01 20 99-0179	MLF	Remove Junction Box (For Replace Service Cable)	114.05	
26 01 20 99-0180	MLF	Remove #6 XLPE Wire (For Replace Service Cable)	228.10	
26 01 20 99-0181	MLF	Install New 600 Volt, Copper Type XLPE-USE (For Replace Service Cable)	2,872.35	
26 01 20 99-0182	MLF	Install New Staples For Service Cable (For Replace Service Cable)	578.81	
26 01 20 99-0183	MLF	Install New SER Cable Connectors (For Replace Service Cable)	480.03	
26 01 20 99-0184	MLF	Install New 4" Outlet Box Square (For Replace Service Cable)	491.04	
26 01 20 99-0185		Cable, Armored *(26 01 20 99-0159)*		
26 01 20 99-0186		Replace Armored Cable *(26 01 20 99-0185)*		
26 01 20 99-0187	MLF	Shut Off Power, Later Turn On (For Replace Armored Cable)	11.41	
26 01 20 99-0188	MLF	Remove And Reinstall Cover Plate (For Replace Armored Cable)	147.13	
26 01 20 99-0189	MLF	Remove Junction Box (For Replace Armored Cable)	114.05	
26 01 20 99-0190	MLF	Remove Armored Cable (For Replace Armored Cable)	1,507.77	
26 01 20 99-0191	MLF	Install New #12, 2 Wire, BX (For Replace Armored Cable)	4,450.59	
26 01 20 99-0192	MLF	Install New Staples, For Romex Or BX Cable (For Replace Armored Cable)	460.48	
26 01 20 99-0193	MLF	Install New Cable Connector (For Replace Armored Cable)	238.46	
26 01 20 99-0194	MLF	Install New 4" Outlet Box Square For Romex Or BX (For Replace Armored Cable)	555.99	
26 01 20 99-0195		Branch Wiring With Junction Box *(26 01 20 99-0159)*		
26 01 20 99-0196		Replace Branch Wiring *(26 01 20 99-0195)*		
26 01 20 99-0197	MLF	Shut Off Power, Later Turn On (For Replace Branch Wiring)	11.41	
26 01 20 99-0198	MLF	Remove And Reinstall Cover Plate (For Replace Branch Wiring)	147.13	
26 01 20 99-0199	MLF	Remove Junction Box (For Replace Branch Wiring)	114.05	
26 01 20 99-0200	MLF	Remove #12 Wire (For Replace Branch Wiring)	165.95	
26 01 20 99-0201	MLF	Install New #12 Copper, Stranded, Conductor (For Replace Branch Wiring)	1,409.16	
26 01 20 99-0202	MLF	Install New 4" Outlet Box Square (For Replace Branch Wiring)	491.04	
26 01 20 99-0203	MLF	Install New Wire Connectors (For Replace Branch Wiring)	119.18	
26 01 20 99-0204		600 Volt Branch Wiring *(26 01 20 99-0159)*		
26 01 20 99-0205		Replace 600 Volt Branch Wiring *(26 01 20 99-0204)*		
26 01 20 99-0206	MLF	Shut Off Power, Later Turn On (For Replace 600 Volt Branch Wiring)	11.41	
26 01 20 99-0207	MLF	Remove #12 Wire (For Replace 600 Volt Branch Wiring)	165.95	
26 01 20 99-0208	MLF	Install New #12 Copper, Stranded, Conductor (For Replace 600 Volt Branch Wiring)	1,409.16	
26 01 20 99-0209	MLF	Cut, Form And Align 4 Wires (For Replace 600 Volt Branch Wiring)	46.76	
26 01 20 99-0210	MLF	Splice, Solder, Insulate 2 Wires (For Replace 600 Volt Branch Wiring)	304.18	
26 01 20 99-0211		Circuit Breaker *(26 01 20 99-0159)*		
26 01 20 99-0212		Maintenance And Repair, 480 Volt, 1 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0213	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 1 Pole Molded Case Circuit Breaker)	101.39	
26 01 20 99-0214		Maintenance And Inspection, 480 Volt, 1 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0215	EA	Inspect, Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 1 Pole Molded Case Circuit Breaker)	45.62	
26 01 20 99-0216		Replace 480 Volt, 1 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0217	EA	Remove Circuit Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	39.69	
26 01 20 99-0218	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	830.10	
26 01 20 99-0219	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	17.22	
26 01 20 99-0220	EA	Check Operation Of Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	2.05	
26 01 20 99-0221		Maintenance And Repair, 480 Volt, 2 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0222	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 2 Pole Molded Case Circuit Breaker)	101.39	
26 01 20 99-0223		Maintenance And Inspection, 480 Volt, 2 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0224	EA	Inspect, Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 2 Pole Molded Case Circuit Breaker)	45.62	
26 01 20 99-0225		Replace 480 Volt, 2 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0226	EA	Remove Circuit Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	57.03	
26 01 20 99-0227	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	1,165.32	
26 01 20 99-0228	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	17.22	
26 01 20 99-0229	EA	Check Operation Of Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	2.05	
26 01 20 99-0230		Maintenance And Repair, 480 Volt, 3 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0231	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 3 Pole Molded Case Circuit Breaker)	101.39	
26 01 20 99-0232		Maintenance And Inspection, 480 Volt, 3 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0233	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 3 Pole Molded Case Circuit Breaker)	45.62	
26 01 20 99-0234		Replace 480 Volt, 3 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0235	EA	Remove Circuit Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	57.03	
26 01 20 99-0236	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	1,456.64	
26 01 20 99-0237	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	17.22	
26 01 20 99-0238	EA	Check Operation Of Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	2.05	
26 01 20 99-0239		Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch *(26 01 20 99-0211)*		
26 01 20 99-0240	EA	Remove Trip Switch (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch)	57.03	
26 01 20 99-0241	EA	Install New Trip Switch (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch)	382.25	
26 01 20 99-0242		Maintenance And Inspection, 600 Volt, 2 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0243	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 2 Pole Molded Case Circuit Breaker)	45.62	
26 01 20 99-0244		Replace 600 Volt, 2 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0245	EA	Remove Circuit Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	57.03	
26 01 20 99-0246	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	1,208.05	
26 01 20 99-0247	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	19.39	
26 01 20 99-0248	EA	Check Operation Of Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	2.05	
26 01 20 99-0249		Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch *(26 01 20 99-0211)*		
26 01 20 99-0250	EA	Remove Trip Switch (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch)	57.03	
26 01 20 99-0251	EA	Install New Trip Switch (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch)	382.25	
26 01 20 99-0252		Maintenance And Inspection, 600 Volt, 3 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0253	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 3 Pole Molded Case Circuit Breaker)	45.62	
26 01 20 99-0254		Replace 600 Volt, 3 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0255	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	101.39	
26 01 20 99-0256	EA	Install New 125 To 400 Amp Circuit Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	5,043.77	
26 01 20 99-0257	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	19.39	
26 01 20 99-0258	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	2.05	
26 01 20 99-0259		Maintenance And Repair, 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0260	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 1 Pole Enclosed Circuit Breaker)	101.39	
26 01 20 99-0261		Maintenance And Inspection, 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0262	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 1 Pole Enclosed Circuit Breaker)	45.62	
26 01 20 99-0263		Replace 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0264	EA	Remove Circuit Breaker (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	57.03	
26 01 20 99-0265	EA	Install New 240 Volt, 1 Pole, 15 To 60 Amp, Circuit Breaker Enclosed (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	514.63	
26 01 20 99-0266	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	17.22	
26 01 20 99-0267	EA	Check Operation Of Breaker (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	2.05	
26 01 20 99-0268		Maintenance And Repair, 240 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0269	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 2 Pole Circuit Breaker Enclosed)	101.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0270		**Maintenance And Inspection, 240 Volt, 2 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0271	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 2 Pole Circuit Breaker Enclosed)	45.62	
26 01 20 99-0272		**Replace 240 Volt, 2 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0273	EA	Remove Circuit Breaker (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	57.03	
26 01 20 99-0274	EA	Install New Circuit Breaker Enclosed, 240 Volt, 15 To 60 Amp, 2 Pole (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	870.72	
26 01 20 99-0275	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	17.22	
26 01 20 99-0276	EA	Check Operation Of Breaker (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	2.05	
26 01 20 99-0277		**Maintenance And Repair, 240 Volt, 3 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0278	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 3 Pole Circuit Breaker Enclosed)	101.39	
26 01 20 99-0279		**Maintenance And Inspection, 240 Volt, 3 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0280	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 3 Pole Circuit Breaker Enclosed)	45.62	
26 01 20 99-0281		**Replace 240 Volt, 3 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0282	EA	Remove Circuit Breaker (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	57.03	
26 01 20 99-0283	EA	Install New Circuit Breaker Enclosed, 240 Volt, 15 To 60 Amp, 3 Pole (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	926.11	
26 01 20 99-0284	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	17.22	
26 01 20 99-0285	EA	Check Operation Of Breaker (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	2.05	
26 01 20 99-0286		**Repair Failed 600 Volt, 2 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0287	EA	Repair Circuit Breaker Component (For Repair Failed 600 Volt, 2 Pole Circuit Breaker Enclosed)	842.14	
26 01 20 99-0288		**Maintenance And Inspection, 600 Volt, 2 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0289	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 2 Pole Circuit Breaker Enclosed)	45.62	
26 01 20 99-0290		**Replace 600 Volt, 2 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0291	EA	Remove Circuit Breaker, 600 Volt, 100 Amp, 2 Pole (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	91.24	
26 01 20 99-0292	EA	Install New Circuit Breaker Enclosed, 600 Volt, 100 Amp, 2 Pole (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	1,390.54	
26 01 20 99-0293	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	19.39	
26 01 20 99-0294	EA	Check Operation Of Breaker (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	2.05	
26 01 20 99-0295		**Repair Failed 600 Volt, 3 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0296	EA	Repair Circuit Breaker Component (For Replace 600 Volt, 3 Pole Circuit Breaker Enclosed)	1,217.44	
26 01 20 99-0297		**Maintenance And Inspection, 600 Volt, 3 Pole Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0298	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 3 Pole Circuit Breaker Enclosed)	45.62	
26 01 20 99-0299		**Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0300	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	101.39	
26 01 20 99-0301	EA	Install New Circuit Breaker Enclosed, 600 Volt, 100 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	1,091.07	
26 01 20 99-0302	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	19.39	
26 01 20 99-0303	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	2.05	
26 01 20 99-0304		**Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0305	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	506.85	
26 01 20 99-0306	EA	Install New Circuit Breaker Enclosed, 600 Volt, 800 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	11,235.49	
26 01 20 99-0307	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	38.78	
26 01 20 99-0308	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	4.22	
26 01 20 99-0309		**Replace 600 Volt, 3 Pole 1000 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0310	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	588.62	
26 01 20 99-0311	EA	Install New Circuit Breaker Enclosed, 600 Volt, 1,000 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	20,013.08	
26 01 20 99-0312	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	58.85	
26 01 20 99-0313	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	6.27	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0314			Replace 600 Volt, 3 Pole 1600 Amp Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0315		EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	651.69	
26 01 20 99-0316		EA	Install New Circuit Breaker Enclosed, 600 Volt, 1,600 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	23,473.15	
26 01 20 99-0317		EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	77.67	
26 01 20 99-0318		EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	8.33	
26 01 20 99-0319			Replace 600 Volt, 3 Pole 2000 Amp Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0320		EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	729.93	
26 01 20 99-0321		EA	Install New Circuit Breaker Enclosed, 600 Volt, 2,000 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	29,665.64	
26 01 20 99-0322		EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	161.73	
26 01 20 99-0323		EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	17.45	
26 01 20 99-0324			Safety Switch, Heavy-Duty *(26 01 20 99-0159)*		
26 01 20 99-0325			Maintenance And Repair, 3 Pole Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0326		EA	Resecure Lugs (For Maintenance And Repair, 3 Pole Heavy-Duty Safety Switch)	57.03	
26 01 20 99-0327			Maintenance And Inspection, 3 Pole Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0328		EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 3 Pole Safety Switch)	57.03	
26 01 20 99-0329			Replace 30 Amp Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0330		EA	Remove Safety Switch (For Replace 30 Amp Heavy-Duty Safety Switch)	74.13	
26 01 20 99-0331		EA	Install New Fused Safety Switch, Heavy-Duty, 600 Volt, 3 Pole, 30 Amp (For Replace 30 Amp Heavy Duty Safety Switch)	530.84	
26 01 20 99-0332		EA	Install New Fuses (For Replace 30 Amp Heavy-Duty Safety Switch)	207.84	
26 01 20 99-0333		EA	Check Operation Of Switch (For Replace 30 Amp Heavy-Duty Safety Switch)	2.05	
26 01 20 99-0334			Replace 100 Amp Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0335		EA	Remove Safety Switch (For Replace 100 Amp Heavy-Duty Safety Switch)	125.00	
26 01 20 99-0336		EA	Install New Fused Safety Switch, Heavy-Duty, 600 Volt, 3 Pole, 100 Amp (For Replace 100 Amp Heavy Duty Safety Switch)	961.01	
26 01 20 99-0337		EA	Install New Fuses (For Replace 100 Amp Heavy-Duty Safety Switch)	353.29	
26 01 20 99-0338		EA	Check Operation Of Switch (For Replace 100 Amp Heavy-Duty Safety Switch)	2.05	
26 01 20 99-0339			Replace 200 Amp Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0340		EA	Remove Safety Switch (For Replace 200 Amp Heavy-Duty Safety Switch)	182.48	
26 01 20 99-0341		EA	Install New Fused Safety Switch, Heavy-Duty, 600 Volt, 3 Pole, 200 Amp (For Replace 200 Amp Heavy Duty Safety Switch)	1,471.06	
26 01 20 99-0342		EA	Install New Fuses (For Replace 200 Amp Heavy-Duty Safety Switch)	629.66	
26 01 20 99-0343		EA	Check Operation Of Switch (For Replace 200 Amp Heavy-Duty Safety Switch)	2.05	
26 01 20 99-0344			Replace 400 Amp Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0345		EA	Remove Safety Switch (For Replace 400 Amp Heavy-Duty Safety Switch)	268.37	
26 01 20 99-0346		EA	Install New Fused Safety Switch, Heavy-Duty, 600 Volt, 3 Pole, 400 Amp (For Replace 400 Amp Heavy Duty Safety Switch)	2,776.51	
26 01 20 99-0347		EA	Install New Fuses (For Replace 400 Amp Heavy-Duty Safety Switch)	1,299.86	
26 01 20 99-0348		EA	Check Operation Of Switch (For Replace 400 Amp Heavy-Duty Safety Switch)	4.22	
26 01 20 99-0349			Replace 600 Amp Heavy-Duty Safety Switch *(26 01 20 99-0324)*		
26 01 20 99-0350		EA	Remove Safety Switch (For Replace 600 Amp Heavy-Duty Safety Switch)	396.67	
26 01 20 99-0351		EA	Install New Fused Safety Switch, Heavy-Duty, 600 Volt, 3 Pole, 600 Amp (For Replace 600 Amp Heavy Duty Safety Switch)	5,046.05	
26 01 20 99-0352		EA	Install New Fuses (For Replace 600 Amp Heavy-Duty Safety Switch)	1,627.14	
26 01 20 99-0353		EA	Check Operation Of Switch (For Replace 600 Amp Heavy-Duty Safety Switch)	4.22	
26 01 20 99-0354			Safety Switch, General Duty *(26 01 20 99-0159)*		
26 01 20 99-0355			Maintenance And Repair, 2 Pole General Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0356		EA	Resecure Lugs (For Maintenance And Repair, 2 Pole General Safety Switch)	57.03	
26 01 20 99-0357			Maintenance And Inspection, 2 Pole Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0358		EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 2 Pole Safety Switch)	57.03	
26 01 20 99-0359			Replace 240 Volt, 2 Pole Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0360		EA	Remove Safety Switch (For Replace 240 Volt, 2 Pole Safety Switch)	74.13	
26 01 20 99-0361		EA	Install New Fused Safety Switch, General Duty, 240 Volt, 2 Pole, 30 Amp (For Replace 240 Volt, 2 Pole Safety Switch)	374.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0362	EA	Install New Fuse, Dual Element, Time Delay, 250 Volt, 30 Amp (For Replace 240 Volt, 2 Pole Safety Switch)	64.17	
26 01 20 99-0363	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 2 Pole Safety Switch)	17.22	
26 01 20 99-0364	EA	Check Operation Of Switch (For Replace 240 Volt, 2 Pole Safety Switch)	2.05	
26 01 20 99-0365		Maintenance And Repair, 3 Pole General Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0366	EA	Resecure Lugs (For Maintenance And Repair, 3 Pole General Safety Switch)	57.03	
26 01 20 99-0367		Maintenance And Inspection, 3 Pole Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0368	EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 3 Pole Safety Switch)	57.03	
26 01 20 99-0369		Replace 240 Volt, 3 Pole Safety Switch *(26 01 20 99-0354)*		
26 01 20 99-0370	EA	Remove Safety Switch (For Replace 240 Volt, 3 Pole Safety Switch)	74.13	
26 01 20 99-0371	EA	Install New Fused Safety Switch, General Duty, 240 Volt, 3 Pole, 30 Amp (For Replace 240 Volt, 3 Pole Safety Switch)	433.62	
26 01 20 99-0372	EA	Install New Fuse, Dual Element, Time Delay, 250 Volt, 30 Amp (For Replace 240 Volt, 3 Pole Safety Switch)	96.25	
26 01 20 99-0373	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 3 Pole Safety Switch)	17.22	
26 01 20 99-0374	EA	Check Operation Of Switch (For Replace 240 Volt, 3 Pole Safety Switch)	2.05	
26 01 20 99-0375		Replace Low Voltage Cartridge *(26 01 20 99-0354)*		
26 01 20 99-0376	EA	Remove Cartridge Fuse Cutouts (For Replace Low Voltage Cartridge)	11.41	
26 01 20 99-0377	EA	Install New Cartridge Fuse Cutouts 3 Pole (For Replace Low Voltage Cartridge)	58.81	
26 01 20 99-0378		Replace Plug Fuse *(26 01 20 99-0354)*		
26 01 20 99-0379	EA	Remove Plug Fuse (For Replace Plug Fuse)	9.12	
26 01 20 99-0380	EA	Install New Plug Fuse, 120 Volt, 15 To 30 Amp (For Replace Plug Fuse)	23.64	
26 01 20 99-0381		Receptacles And Plugs *(26 01 20 99-0159)*		
26 01 20 99-0382		Maintenance And Repair, Receptacles And Plugs *(26 01 20 99-0381)*		
26 01 20 99-0383	EA	Repair Receptacle Component (Cover) (For Maintenance And Repair, Receptacles And Plugs)	58.81	
26 01 20 99-0384		Replace Receptacle/Plug, Receptacles And Plugs *(26 01 20 99-0381)*		
26 01 20 99-0385	EA	Turn Power Off, Later Turn On (For Replace Receptacle/Plug, Receptacles And Plugs)	11.41	
26 01 20 99-0386	EA	Remove And Reinstall Cover Plates (For Replace Receptacle/Plug, Receptacles And Plugs)	19.39	
26 01 20 99-0387	EA	Remove Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	4.56	
26 01 20 99-0388	EA	Install New Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	57.25	
26 01 20 99-0389	EA	Cut, Form, Align And Connect Wires (For Replace Receptacle/Plug, Receptacles And Plugs)	2.97	
26 01 20 99-0390	EA	Test For Operation, Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	1.71	
26 01 20 99-0391		4-Pin Receptacle *(26 01 20 99-0159)*		
26 01 20 99-0392		Repair 4-Pin Receptacle Cover *(26 01 20 99-0391)*		
26 01 20 99-0393	EA	Repair Receptacle(Cover) (For Repair 4-Pin Receptacle Cover)	79.06	
26 01 20 99-0394		Replace 4-Pin Receptacle *(26 01 20 99-0391)*		
26 01 20 99-0395	EA	Remove 4-Pin Receptacle (For Replace 4-Pin Receptacle)	22.81	
26 01 20 99-0396	EA	Install New 4-Pin Locking Receptacle (For Replace 4-Pin Receptacle)	160.41	
26 01 20 99-0397		Contactors And Relays *(26 01 20 99-0159)*		
26 01 20 99-0398		Maintenance And Repair, Contactors And Relays *(26 01 20 99-0397)*		
26 01 20 99-0399	EA	Remove Contactor Coil (For Maintenance And Repair, Contactors And Relays)	68.66	
26 01 20 99-0400	EA	Install New Contactor Coil (For Maintenance And Repair, Contactors And Relays)	270.83	
26 01 20 99-0401		Maintenance And Inspection, Contactors And Relays *(26 01 20 99-0397)*		
26 01 20 99-0402	EA	Inspect And Clean Contacts (For Maintenance And Inspection, Contactors And Relays)	28.51	
26 01 20 99-0403		Replace Contactor, Contactors And Relays *(26 01 20 99-0397)*		
26 01 20 99-0404	EA	Remove Magnetic Contactor (For Replace Contactor, Contactors And Relays)	91.24	
26 01 20 99-0405	EA	Install New Magnetic Contactor 600 Volt, 3 P, 25 HP (For Replace Contactor, Contactors And Relays)	977.21	
26 01 20 99-0406	EA	Cut, Form, Align And Connect Wires (For Replace Contactor, Contactors And Relays)	17.22	
26 01 20 99-0407	EA	Check Operation Of Contactor (For Replace Contactor, Contactors And Relays)	2.05	
26 01 20 99-0408		Wiring Devices, Switches *(26 01 20 99-0159)*		
26 01 20 99-0409		Maintenance And Repair, Wiring Devices, Switches *(26 01 20 99-0408)*		
26 01 20 99-0410	EA	Repair Switch Component (Cover) (For Maintenance And Repair, Wiring Devices, Switches)	58.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0411		**Replace Switch, Wiring Devices, Switches** *(26 01 20 99-0408)*		
26 01 20 99-0412	EA	Turn Power Off, Later Turn On (For Replace Switch, Wiring Devices, Switches)	11.41	
26 01 20 99-0413	EA	Remove And Reinstall Cover Plates (For Replace Switch, Wiring Devices, Switches)	19.39	
26 01 20 99-0414	EA	Remove Switch (For Replace Switch, Wiring Devices, Switches)	4.56	
26 01 20 99-0415	EA	Install New Switch (For Replace Switch, Wiring Devices, Switches)	48.42	
26 01 20 99-0416	EA	Cut, Form, Align And Connect Wires (For Replace Switch, Wiring Devices, Switches)	2.97	
26 01 20 99-0417	EA	Test For Operation (For Replace Switch, Wiring Devices, Switches)	1.71	
26 01 20 99-0418		**Light Dimming Panel** *(26 01 20 99-0159)*		
26 01 20 99-0419		**Minor Repairs To Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0420	EA	Check And Test Components (For Minor Repairs To Light Dimming Panel)	45.62	
26 01 20 99-0421	EA	Remove Dimming Panel Component (For Minor Repairs To Light Dimming Panel)	25.32	
26 01 20 99-0422	EA	Install New Dimming Panel Component (For Minor Repairs To Light Dimming Panel)	176.49	
26 01 20 99-0423		**Maintenance And Inspection, Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0424	EA	Check Light Dimming Panel (For Maintenance And Inspection, Light Dimming Panel)	60.79	
26 01 20 99-0425		**Replace Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0426	EA	Turn Power Off, Later Turn On (For Replace Light Dimming Panel)	11.41	
26 01 20 99-0427	EA	Remove Dimming Panel (For Replace Light Dimming Panel)	182.48	
26 01 20 99-0428	EA	Install New Dimming Panel (For Replace Light Dimming Panel)	1,959.35	
26 01 20 99-0429	EA	Test Circuits (For Replace Light Dimming Panel)	8.33	
26 01 20 99-0430		**Switch, Pull Cord** *(26 01 20 99-0159)*		
26 01 20 99-0431		**Maintenance And Repair, Switch, Pull Cord** *(26 01 20 99-0430)*		
26 01 20 99-0432	EA	Repair Switch Component (Cover) (For Maintenance And Repair, Switch, Pull Cord)	58.99	
26 01 20 99-0433		**Replace Switch, Switch, Pull Cord** *(26 01 20 99-0430)*		
26 01 20 99-0434	EA	Turn Power Off, Later Turn On (For Replace Switch, Switch, Pull Cord)	11.41	
26 01 20 99-0435	EA	Remove And Reinstall Cover Plates (For Replace Switch, Switch, Pull Cord)	19.39	
26 01 20 99-0436	EA	Remove Switch (For Replace Switch, Switch, Pull Cord)	4.56	
26 01 20 99-0437	EA	Install New Pull Cord Switch (For Replace Switch, Switch, Pull Cord)	57.31	
26 01 20 99-0438	EA	Cut, Form, Align And Connect Wires (For Replace Switch, Switch, Pull Cord)	2.97	
26 01 20 99-0439	EA	Test For Operation (For Replace Switch, Switch, Pull Cord)	1.71	
26 01 20 99-0440		**EMT Conduit** *(26 01 20 99-0159)*		
26 01 20 99-0441		**Replace 1" EMT Conduit** *(26 01 20 99-0440)*		
26 01 20 99-0442	MLF	Remove And Reinstall Cover Plate (For Replace 1" EMT Conduit)	147.13	
26 01 20 99-0443	MLF	Remove Conduit With Fittings And Hangers (For Replace 1" EMT Conduit)	2,315.26	
26 01 20 99-0444	MLF	Remove Junction Box (For Replace 1" EMT Conduit)	114.05	
26 01 20 99-0445	MLF	Install New 1" EMT With Couplings (For Replace 1" EMT Conduit)	7,372.87	
26 01 20 99-0446	MLF	Install New Outlet Box Square (For Replace 1" EMT Conduit)	491.04	
26 01 20 99-0447	MLF	Install New Box Connector (For Replace 1" EMT Conduit)	142.95	
26 01 20 99-0448	MLF	Install New Beam Clamp (For Replace 1" EMT Conduit)	1,229.40	
26 01 20 99-0449	MLF	Install New Conduit Hanger (For Replace 1" EMT Conduit)	2,020.86	
26 01 20 99-0450		**Electrical Service & Distribution Preventative Maintenance** *(26 01 20 99)* Note: Includes all required small tools and equipment.		
26 01 20 99-0451		**Electrical Switchboard Preventative Maintenance** *(26 01 20 99-0450)*		
26 01 20 99-0452	EA	Annual Preventative Maintenance For Electrical Switchboard Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove And Reinstall Cover. 4. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 5. Clean Switchboard Exterior And Surrounding Area. 6. Fill Out Maintenance Checklist And Report Deficiencies.	84.21	
26 01 20 99-0453		**Switchboard With Air Circuit Breaker Preventative Maintenance** *(26 01 20 99-0450)*		
26 01 20 99-0454	EA	Annual Preventative Maintenance For Switchboard With Air Circuit Breaker Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove Switchboard From Service, Coordinate With Appropriate Authority. 4. Remove And Reinstall Cover. 5. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 6. Check The Records On The Circuit Breaker For Any Full Current Rated Trips Which May Indicate A Potential Problem. 7. Examine The Exterior Of The Switchboard For Any Damage Or Moisture. 8. Check Operation Of Circuit Breaker Tripping Mechanism And Relays. 9. Check The Operation Of The Circuit Breaker Charging Motor. 10. Check Hardware For Tightness. 11. Check Interlock For Proper Operation. 12. Check That The Charger Is Operating Properly. 13. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 14. Check The Electrolyte Level In The Batteries; Add As Required. 15. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 16. Check 25% Of Terminal-To-Cell Connection Resistance; Rehabilitate Connections As Required. 17. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 18. Measure And Record Individual Cell And String Float Voltages. 19. Place Switchboard Back In Service, Notify Appropriate Authority. 20. Clean Switchboard, Charger And The Surrounding Area. 21. Fill Out Maintenance Checklist And Report Deficiencies.	540.20	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0455			Switchboard With Air Circuit Breaker And Tie Switch Preventative Maintenance *(26 01 20 99-0450)*		
26 01 20 99-0456		EA	Annual Preventative Maintenance For Switchboard With Air Circuit Breaker And Tie Switch Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove Switchboard From Service, Coordinate With Appropriate Authority. 4. Remove And Reinstall Cover. 5. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 6. Check The Records On The Circuit Breaker For Any Full Current Rated Trips Which May Indicate A Potential Problem. 7. Examine The Exterior Of The Switchboard For Any Damage Or Moisture. 8. Check Operation Of Circuit Breaker Tripping Mechanism And Relays. 9. Check The Operation Of The Circuit Breaker Charging Motor. 10. Check Hardware For Tightness. 11. Check Interlock For Proper Operation. 12. Operate The Switching Handle And Check The Locking Mechanism. 13. Check That The Charger Is Operating Properly. 14. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 15. Check The Electrolyte Level In The Batteries; Add As Required. 16. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 17. Check 25% Of Terminal-To-Cell Connection Resistance; Rehabilitate Connections As Required. 18. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 19. Measure And Record Individual Cell And String Float Voltages. 20. Place Switchboard Back In Service, Notify Appropriate Authority. 21. Clean Switchboard, Charger And The Surrounding Area. 22. Fill Out Maintenance Checklist And Report Deficiencies.	549.01	
26 01 20 99-0457			225 Amps And Above, Panel Board Preventative Maintenance *(26 01 20 99-0450)*		
26 01 20 99-0458		EA	Annual Preventative Maintenance For 225 Amperes And Above, Panel Board Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check For Excessive Heat, Odors, Noise And Vibration. 3. Check General Condition Of Panel; Replace Lamps As Required. 4. Clean Panel. 5. Fill Out Maintenance Checklist And Report Deficiencies.	78.27	
26 01 20 99-0459			400 Amps And Above, Motor Control Center Preventative Maintenance *(26 01 20 99-0450)*		
26 01 20 99-0460		EA	Annual Preventative Maintenance For 400 Amps And Above, Motor Control Center Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Starter Lights; Install New Lights If Required. 3. Check For Excessive Heat, Odors, Noise And Vibration. 4. Check Motor Control Center Exterior And Surrounding Area. 5. Fill Out Maintenance Checklist And Report Deficiencies.	78.47	

26 01 26 Maintenance Testing of Electrical Systems *(26 01)*

26 01 26 00-0001			TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers *(26 01 26)* Note: Includes all required small tools and equipment. Use other MRO tasks required to remove equipment cover.		
26 01 26 00-0002			TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Not Connected *(26 01 26 00-0001)*		
26 01 26 00-0003		EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Not Connected	28.74	
26 01 26 00-0004		EA	TTR Or Megger Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Not Connected	47.90	
26 01 26 00-0005		EA	TTR Or Megger Maintenance Testing Of 75 KVA, Single Phase Transformer, Not Connected	67.05	
26 01 26 00-0006		EA	TTR Or Megger Maintenance Testing Of 100 KVA, Single Phase Transformer, Not Connected	86.21	
26 01 26 00-0007		EA	TTR Or Megger Maintenance Testing Of 150 KVA, Single Phase Transformer, Not Connected	105.38	
26 01 26 00-0008		EA	TTR Or Megger Maintenance Testing Of 167 KVA, Single Phase Transformer, Not Connected	124.54	
26 01 26 00-0009		EA	TTR Or Megger Maintenance Testing Of 200 KVA, Single Phase Transformer, Not Connected	134.11	
26 01 26 00-0010		EA	TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Not Connected	143.69	
26 01 26 00-0011		EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Not Connected	47.90	
26 01 26 00-0012		EA	TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Not Connected	67.05	
26 01 26 00-0013		EA	TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Not Connected	86.21	
26 01 26 00-0014		EA	TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Not Connected	95.79	
26 01 26 00-0015		EA	TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Not Connected	134.11	
26 01 26 00-0016		EA	TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Not Connected	153.28	
26 01 26 00-0017		EA	TTR Or Megger Testing Of 300 KVA, Three Phase Transformer, Not Connected	172.43	
26 01 26 00-0018			TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Connected *(26 01 26 00-0001)*		
26 01 26 00-0019		EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Connected	47.90	
26 01 26 00-0020		EA	TTR Or Megger Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Connected	67.05	
26 01 26 00-0021		EA	TTR Or Megger Maintenance Testing Of 75 KVA, Single Phase Transformer, Connected	76.64	
26 01 26 00-0022		EA	TTR Or Megger Maintenance Testing Of 100 KVA, Single Phase Transformer, Connected	95.79	
26 01 26 00-0023		EA	TTR Or Megger Maintenance Testing Of 150 KVA, Single Phase Transformer, Connected	134.11	
26 01 26 00-0024		EA	TTR Or Megger Maintenance Testing Of 167 KVA, Single Phase Transformer, Connected	162.85	
26 01 26 00-0025		EA	TTR Or Megger Maintenance Testing Of 200 KVA, Single Phase Transformer, Connected	172.43	
26 01 26 00-0026		EA	TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Connected	182.01	
26 01 26 00-0027		EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Connected	67.05	
26 01 26 00-0028		EA	TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Connected	86.21	
26 01 26 00-0029		EA	TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Connected	114.95	
26 01 26 00-0030		EA	TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Connected	153.28	
26 01 26 00-0031		EA	TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Connected	172.43	
26 01 26 00-0032		EA	TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Connected	201.17	
26 01 26 00-0033		EA	TTR Or Megger Testing Of 300 KVA, Three Phase Transformer, Connected	258.64	

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment *(26 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0002 Air Pollution Control Board *(26 01 30 91-0001)*

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	5,052.51	

26 01 30 99 Facility Electrical Power Generating and Storing Equipment, Facilities Maintenance and Repair *(26 01 30)*

Note: The Maintenance & Repair section is a listing of common maintenance tasks performed at facilities. Under the System Description column, each task, including its components, is described. Labor-hours have been enhanced, where appropriate, to include setup and delay time. In some cases, the list of steps comprising the task includes most of the potential repairs that could be made on a system. For those tasks, individual items, as appropriate, can be selected from the all-encompassing list.

26 01 30 99-0001 175 KW Gasoline Generator *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0002 175 KW, Gasoline Generator, Maintenance And Inspection *(26 01 30 99-0001)*

26 01 30 99-0003	EA	Run Test Gasoline Generator (For 175 KW, Gasoline Generator, Maintenance And Inspection)	91.24	

26 01 30 99-0004 175 KW, Gasoline Generator, Replace Generator Component *(26 01 30 99-0001)*

26 01 30 99-0005	EA	Remove Gasoline Generator (For 175 KW, Gasoline Generator, Replace Generator Component)	4,147.40	
26 01 30 99-0006	EA	Install New Gasoline Generator, 175 KW (For 175 KW, Gasoline Generator, Replace Generator Component)	91,695.05	

26 01 30 99-0007 750 KW Diesel Generator *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0008 750 KW, Diesel Generator, Maintenance And Inspection *(26 01 30 99-0007)*

26 01 30 99-0009	EA	Run Test Diesel Generator (For 750 KW, Diesel Generator, Maintenance And Inspection)	91.24	

26 01 30 99-0010 750 KW, Diesel Generator, Replace Diesel Generator Component *(26 01 30 99-0007)*

26 01 30 99-0011	EA	Remove Diesel Generator (For 750 KW, Diesel Generator, Replace Diesel Generator Component)	6,517.29	
26 01 30 99-0012	EA	Install New Diesel Generator, 750 KW (For 750 KW, Diesel Generator, Replace Diesel Generator Component)	259,417.09	

26 01 30 99-0013 Transfer Switch *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0014 Transfer Switch, Maintenance And Repair *(26 01 30 99-0013)*

26 01 30 99-0015	EA	Remove Transfer Switch Coil (For Transfer Switch, Maintenance And Repair)	76.07	
26 01 30 99-0016	EA	Install New Transfer Switch Coil (For Transfer Switch, Maintenance And Repair)	368.05	

26 01 30 99-0017 Transfer Switch, Maintenance And Inspection *(26 01 30 99-0013)*

26 01 30 99-0018	EA	Inspect And Clean Transfer Switch (For Transfer Switch, Maintenance And Inspection)	57.03	

26 01 30 99-0019 Transfer Switch, Replace Transfer Switch *(26 01 30 99-0013)*

26 01 30 99-0020	EA	Remove Transfer Switch (For Transfer Switch, Replace Transfer Switch)	76.07	
26 01 30 99-0021	EA	Install New Transfer Switch, 480 Volt, 3 Pole, 1,200 Amp (For Transfer Switch, Replace Transfer Switch)	27,394.65	
26 01 30 99-0022	EA	Cut, Form, Align And Connect Wires (For Transfer Switch, Replace Transfer Switch)	17.22	
26 01 30 99-0023	EA	Check Operation Of Switch (For Transfer Switch, Replace Transfer Switch)	2.05	

26 01 30 99-0024 Battery, Wet *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0025 Wet Battery, Maintenance And Inspection *(26 01 30 99-0024)*

26 01 30 99-0026	EA	Clean And Maintain Wet Cell Battery (For Wet Battery, Maintenance And Inspection)	57.03	

26 01 30 99-0027 Wet Battery, Replace Battery *(26 01 30 99-0024)*

26 01 30 99-0028	EA	Remove Wet Cell Battery (For Wet Battery, Replace Battery)	11.41	
26 01 30 99-0029	EA	Install New Wet Cell Battery (For Wet Battery, Replace Battery)	701.45	

26 01 30 99-0030 Battery, Dry *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0031 Dry Battery, Maintenance And Inspection *(26 01 30 99-0030)*

26 01 30 99-0032	EA	Clean And Maintain Dry Cell Battery (For Dry Battery, Maintenance And Inspection)	57.03	

26 01 30 99-0033 Dry Battery, Replace Battery *(26 01 30 99-0030)*

26 01 30 99-0034	EA	Remove Dry Cell Battery (For Dry Battery, Replace Battery)	11.41	
26 01 30 99-0035	EA	Install New Dry Cell Battery (For Dry Battery, Replace Battery)	201.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 30 99-0036		**Battery Charger** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0037		**Battery Charger, Maintenance And Repair** *(26 01 30 99-0036)*		
26 01 30 99-0038	EA	Repair Battery Charger Component (For Battery Charger, Maintenance And Repair)	402.75	
26 01 30 99-0039		**Battery Charger, Maintenance And Inspection** *(26 01 30 99-0036)*		
26 01 30 99-0040	EA	Check Battery Charger (For Battery Charger, Maintenance And Inspection)	182.48	
26 01 30 99-0041		**Battery Charger, Replace Charger** *(26 01 30 99-0036)*		
26 01 30 99-0042	EA	Remove Battery Charger (For Battery Charger, Replace Charger)	70.14	
26 01 30 99-0043	EA	Install New Battery Charger (For Battery Charger, Replace Charger)	812.78	
26 01 30 99-0044		**Uninterruptible Power Supply (UPS) Battery** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0045		**Uninterruptible Power Supply (UPS) Battery, Maintenance And Inspection** *(26 01 30 99-0044)*		
26 01 30 99-0046	EA	UPS Battery Electrical Test (For Uninterruptible Power Supply (UPS) Battery, Maintenance And Inspection)	91.24	
26 01 30 99-0047		**Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery** *(26 01 30 99-0044)*		
26 01 30 99-0048	EA	Remove UPS Battery (For Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery)	152.03	
26 01 30 99-0049	EA	Install New UPS Battery (For Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery)	1,118.56	
26 01 30 99-0050		**Automatic Transfer Switch Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0051	EA	Annual Preventative Maintenance For Automatic Transfer Switch Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Inspect Wiring, Wiring Connections And Fuse Blocks For Looseness, Tighten All Connections. 3. Inspect Wiring, Wiring Connections And Fuse Blocks For Charring And Overheating. 4. Inspect Wiring, Wiring Connections And Fuse Blocks For Evidence Of Short-Circuiting. 5. Inspect General Condition Of Transfer Switch And Clean Exterior And Surrounding Area. 6. Fill Out Maintenance Checklist And Report Deficiencies.	69.98	
26 01 30 99-0052		**15 kVA And Less, Emergency Generator Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0053	EA	Annual Preventative Maintenance For 15 kVA And Less, Emergency Generator Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Engine Oil Level; Add As Required. 3. Change Engine Oil. 4. Change Engine Oil Filter. 5. Check Battery Charge And Electrolyte Specific Gravity; Add Water As Required. 6. Check Terminals For Corrosion; Clean As Required. 7. Check Belt Tension And Wear; Adjust As Required. 8. Check Engine Air Filter; Change As Required. 9. Check Engine Coolant, Add As Required. 10. Check Spark Plug Or Injector Nozzle Condition; Service Or Replace As Required. 11. Check Wiring, Connections And Switches; Adjust As Required. 12. Perform 30 Minute Generator Test Run; Check For Proper Operation. 13. Check Fuel Level; Add As Required. 14. Wipe Dust And Dirt From Engine And Generator. 15. Clean Area Around Generator. 16. Fill Out Maintenance Checklist And Report Deficiencies.	370.69	
26 01 30 99-0054		**Over 15 kVA, Emergency Diesel Generator Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0055	EA	Annual Preventative Maintenance For Over 15 kVA, Emergency Diesel Generator Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Engine Oil Level; Add As Required. 3. Change Engine Oil. 4. Change Engine Oil Filter. 5. Check Battery Charge And Electrolyte Specific Gravity; Add Water As Required. 6. Check Terminals For Corrosion; Clean As Required. 7. Check Belts for Wear and Proper Tension; Adjust As Required. 8. Check That Crank Case Heater Is Operating. 9. Check Engine Air Filter; Change As Required. 10. Check Engine Coolant; Add As Required. 11. Check Wiring, Connections And Switches; Adjust As Required. 12. Check Spark Plug Or Injector Nozzle Condition; Service Or Replace As Required. 13. Perform 30 Minute Generator Test Run; Check For Proper Operation. 14. Check Fuel Level With Gauge Pole, Add As Required. 15. Wipe Dust And Dirt From Engine And Generator. 16. Clean Area Around Generator. 17. Fill Out Maintenance Checklist And Report Deficiencies.	402.37	
26 01 30 99-0056		**Turbine Emergency Diesel Generator Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 30 99-0057	EA	Annual Preventative Maintenance For Turbine Emergency Diesel Generator Note: 1. Check With Operating Or Area Personnel for Deficiencies. 2. Check Transmission Oil Level; Add As Required. . Check Turbine Oil Level; Add As Required. 3. Change Turbine Oil. 4. Change Turbine Oil Filter. 5. Check That The Crankcase Heater Is Operating Properly. 6. Remove And Install New Turbine Air Filter. 7. Check Wiring, Connections And Switches, Adjust As Required. 8. Check Engine Coolant, Add As Required. 9. Check Starter For Proper Operation, Lubricate As Required. 10. Check Fuel Nozzles And Fuel Regulator, Service Or Replace As Required. 11. Check Ignition Device Condition, Service Or Replace As Required. 12. Perform 30 Minute Generator Test Run, Check For Proper Operation. 13. Check And Record Transmission Oil Pressure And Temperature, And Natural Gas Pressure. 14. Oil Pressure:_____ Oil Temperature:_____ Gas Pressure:_____. 15. Record Running Time: Beginning ___ Hours: Ending ___ Hours. 16. Check That The Charger Is Operating Properly. 17. Check For Any Signs Of Corrosion On Battery Terminals Or Wires. 18. Check The Electrolyte Level In The Batteries, Add As Required. 19. Check Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 20. Check 25% Of Terminal-To-Cell Connection Resistance, Rehabilitate Connections As Required. 21. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 22. Measure And Record Individual Cell And String Float Voltages. 23. Clean Area Around Generator. 25. Fill Out Maintenance Checklist And Report Deficiencies.	1,408.61	

26 01 30 99-0058 Power Stabilizer Preventative Maintenance *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0059	EA	Annual Preventative Maintenance For Power Stabilizer Note: 1. Remove The Covers Or Open The Doors. 2. Check For Signs Of Moisture Or Overheating. 3. Check Fans And Other Auxiliary Devices For Proper Operation. 4. Check For Voltage Creeping Over Transformer Insulated Surface. 5. Look For Evidence Such As Tracking Or Carbonization. 6. Check Condition Of The Ground System. 7. Check Wiring, Connections And Relays; Tighten And Adjust As Required. 8. Reinstall The Covers Or Close The Doors. 9. Clean The Surrounding Area. 10. Fill Out Maintenance Checklist And Report Deficiencies.	82.04	

26 01 30 99-0060 200 kVA And Less, Uninterruptible Power System Preventative Maintenance *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0061	EA	Annual Preventative Maintenance For 200 kVA And Less, Uninterruptible Power System Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Electrolyte Level Of Batteries; Add Water As Required. 3. Check Terminals For Corrosion; Clean As Required. 4. Check 25% Of The Batteries For Charge And Electrolyte Specific Gravity. 5. Check Batteries For Cracks Or Leaks; Remove And Install New Batteries As Required. 6. Check 25% Of The Terminal-To-Cell Connection Resistances. 7. Rehabilitate Connections As Required. 8. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 9. Measure And Record Individual Cell And String Float Voltages. 10. Check Integrity Of Battery Rack. 11. Check Battery Room Temperature And Ventilation System. 12. Remove And Install New Air Filters On UPS Modules. 13. Check Output Voltage And Amperages, From Control Panel. 14. Check UPS Room Temperature And Ventilation System. 15. Notify Personnel And Test UPS Fault Alarm System. 16. Clean Around Batteries And UPS Modules. 17. Fill Out Maintenance Checklist And Report Deficiencies.	606.37	

26 01 30 99-0062 201 To 800 kVA, Uninterrupted Power System Preventative Maintenance *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0063	EA	Annual Preventative Maintenance For 201 To 800 kVA, Uninterrupted Power System Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Electrolyte Level Of Batteries; Add Water As Required. 3. Check Terminals For Corrosion; Clean As Required. 4. Check 25% Of The Batteries For Charge And Electrolyte Specific Gravity. 5. Check Batteries For Cracks Or Leaks; Remove And Install New Batteries As Required. 6. Check 25% Of The Terminal-To-Cell Connection Resistances. 7. Rehabilitate Connections As Required. 8. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 9. Measure And Record Individual Cell And String Float Voltages. 10. Check Integrity Of Battery Rack. 11. Check Battery Room Temperature And Ventilation System. 12. Remove And Install New Air Filters On UPS Modules. 13. Check Output Voltage And Amperages, From Control Panel. 14. Check UPS Room Temperature And Ventilation System. 15. Notify Personnel And Test UPS Fault Alarm System. 16. Clean Around Batteries And UPS Modules. 17. Fill Out Maintenance Checklist And Report Deficiencies.	1,348.84	

26 01 30 99-0064 Battery System And Charger Preventative Maintenance *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0065	EA	Annual Preventative Maintenance Of Battery System And Charger Note: 1. Check That The Charger Is Operating Properly. 2. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 3. Check The Electrolyte Level In The Batteries, Add As Required. 4. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 5. Check 25% Of Terminal-To-Cell Connection Resistance, Rehabilitate Connections As Required. 6. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 7. Measure And Record Individual Cell And String Float Voltages. 8. Clean Area Around Batteries.	210.23	

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	57.08	
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	74.21	
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	111.66	
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	26.86	
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	26.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	25.34	
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	25.34	
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	37.04	
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	40.84	
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	39.86	
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	42.77	
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	43.39	
26 01 50 51-0015	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	23.32	
26 01 50 51-0016	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	23.32	
26 01 50 51-0017	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	25.68	
26 01 50 51-0018	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	25.68	

26 01 50 51-0019 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0020	EA	100 Watt, Frosted, Interior Incandescent Lamp	6.73	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0021	EA	150 Watt, Frosted, Interior Incandescent Lamp	8.66	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0022	EA	200 Watt, Frosted, Interior Incandescent Lamp	10.83	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0023	EA	300 Watt, PS25, Interior Incandescent Lamp	13.57	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0024	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	9.88	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0025	EA	75 Watt, R20, Interior Incandescent Lamp	16.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.29*	
26 01 50 51-0026	EA	75 Watt, PAR38, Exterior Incandescent Lamp	19.91	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.29*	
26 01 50 51-0027	EA	100 Watt, PAR38, Exterior Incandescent Lamp	18.39	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.29*	
26 01 50 51-0028	EA	150 Watt, PAR38, Exterior Incandescent Lamp	32.90	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.29*	
26 01 50 51-0029	EA	250 Watt, PAR38, Exterior Incandescent Lamp	69.22	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.67*	
26 01 50 51-0030	EA	300 Watt, PAR56, Exterior Incandescent Lamp	79.88	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.67*	

26 01 50 51-0031 Exit Light Lamps *(26 01 50 51-0001)*

26 01 50 51-0032	EA	Convert Exit Light Lamps To Red LED Lamps	114.21	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0033	EA	Fluorescent Lamp For Exit Light	32.74	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-7.64*	
26 01 50 51-0034	EA	Lamp Replacement For Emergency Lights On Exit Sign	46.32	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	

26 01 50 51-0035 Fluorescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0036	EA	18", 15 Watt, T8 Fluorescent Lamp	12.41	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0037	EA	2', 17 Watt, T8 Fluorescent Lamp	15.14	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0038	EA	3', 25 Watt, T8 Fluorescent Lamp	17.42	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0039	EA	4', 28 Watt, Rapid Start T8 Fluorescent Lamp	18.98	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0040	EA	4', 32 Watt, T8 Fluorescent Lamp	17.33	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0041	EA	4', 30 Watt, T8 Fluorescent Lamp	22.13	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0042	EA	4', 28 Watt, T8 Fluorescent Lamp	19.26	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0043	EA	4', 25 Watt, T8 Fluorescent Lamp	19.15	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0044	EA	4', 44 Watt, T8HO Fluorescent Lamp	31.49	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0045	EA	8', 59 Watt, T8 Fluorescent Lamp	23.74	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0046	EA	18", 15 Watt, T12 Fluorescent Lamp	19.29	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0047	EA	2', 20 Watt, T12 Fluorescent Lamp	14.36	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0048	EA	3', 30 Watt, T12 Fluorescent Lamp	16.12	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0049	EA	4', 34 Watt, T12 Fluorescent Lamp	16.21	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0050	EA	4', 40 Watt, T12 Fluorescent Lamp	15.85	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0051	EA	8', 60 Watt, T12 Fluorescent Lamp	24.37	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0052	EA	8', 75 Watt, T12 Fluorescent Lamp	20.40	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0053	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	35.68	
26 01 50 51-0054	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	19.53	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0055	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	15.88	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0056	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	15.32	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0057	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	17.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0058	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	28.65	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0059	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	27.58	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0060	EA	6", 4 Watt, T5 Fluorescent Lamp	13.89	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0061	EA	9", 6 Watt, T5 Fluorescent Lamp	13.64	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0062	EA	12", 8 Watt, T5 Fluorescent Lamp	14.11	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0063	EA	21", 13 Watt, T5 Fluorescent Lamp	14.81	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0064	EA	24", 14 Watt, T5 Fluorescent Lamp	17.23	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0065	EA	34", 21 Watt, T5 Fluorescent Lamp	18.70	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0066	EA	46", 28 Watt, T5 Fluorescent Lamp	18.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0067	EA	46", 54 Watt, T5HO Fluorescent Lamp	19.89	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0068	EA	46", 54 Watt T5 Fluorescent Lamp	18.00	
26 01 50 51-0069	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	11.17	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0070	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	12.42	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0071	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	26.25	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0072	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	34.02	
26 01 50 51-0073	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	34.02	
26 01 50 51-0074	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	65.50	
26 01 50 51-0075	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	23.32	
26 01 50 51-0076	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	11.63	
26 01 50 51-0077	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	9.94	
26 01 50 51-0078	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.47	
26 01 50 51-0079	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	45.39	
26 01 50 51-0080	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	49.58	
26 01 50 51-0081	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	95.08	
26 01 50 51-0082	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	114.03	
26 01 50 51-0083	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	117.89	
26 01 50 51-0084	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	42.14	
26 01 50 51-0085	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	43.99	
26 01 50 51-0086	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	50.94	

26 01 50 51-0087 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0088	EA	50 Watt, Pulse Start Metal Halide Lamp	49.54	
26 01 50 51-0089	EA	70 Watt, Pulse Start Metal Halide Lamp	47.31	
26 01 50 51-0090	EA	100 Watt, Pulse Start Metal Halide Lamp	54.37	
26 01 50 51-0091	EA	150 Watt, Pulse Start Metal Halide Lamp	52.77	
26 01 50 51-0092	EA	175 Watt, Pulse Start Metal Halide Lamp	52.31	
26 01 50 51-0093	EA	250 Watt, Pulse Start Metal Halide Lamp	52.62	
26 01 50 51-0094	EA	400 Watt, Pulse Start Metal Halide Lamp	63.89	
26 01 50 51-0095	EA	1,000 Watt, Pulse Start Metal Halide Lamp	74.69	
26 01 50 51-0096	EA	1,500 Watt, Pulse Start Metal Halide Lamp	74.24	

26 01 50 51-0097 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0098	EA	35 Watt, High Pressure Sodium Lamp	40.43	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0099	EA	50 Watt, High Pressure Sodium Lamp	40.43	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0100	EA	70 Watt, High Pressure Sodium Lamp	41.40	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0101	EA	100 Watt, High Pressure Sodium Lamp	43.23	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0102	EA	150 Watt, High Pressure Sodium Lamp	41.40	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0103	EA	250 Watt, High Pressure Sodium Lamp	41.40	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0104	EA	400 Watt, High Pressure Sodium Lamp	38.66	
		For Enclosed And Gasket Light Fixtures, Add	*2.94*	
26 01 50 51-0105	EA	1,000 Watt, High Pressure Sodium Lamp	92.56	

26 01 50 51-0106 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0107	EA	35 Watt, Low Pressure Sodium Lamp	106.79	
26 01 50 51-0108	EA	55 Watt, Low Pressure Sodium Lamp	119.46	
26 01 50 51-0109	EA	70 Watt, Low Pressure Sodium Lamp	122.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0110	EA	90 Watt, Low Pressure Sodium Lamp	125.16	
26 01 50 51-0111	EA	135 Watt, Low Pressure Sodium Lamp	136.58	
26 01 50 51-0112	EA	180 Watt, Low Pressure Sodium Lamp	187.95	
26 01 50 51-0113		**LED Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0114		**LED Lamps, Candelabra Base, CA10** *(26 01 50 51-0113)*		
26 01 50 51-0115	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	25.46	
26 01 50 51-0116		**LED Lamps, Medium Base, A19 Or A21** *(26 01 50 51-0113)*		
26 01 50 51-0117	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	36.52	
26 01 50 51-0118	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	36.52	
26 01 50 51-0119	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	66.21	
26 01 50 51-0120	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	44.01	
26 01 50 51-0121	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	84.76	
26 01 50 51-0122		**LED Lamps, Medium Base, BR30 Or BR40** *(26 01 50 51-0113)*		
26 01 50 51-0123	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	48.19	
26 01 50 51-0124	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	41.92	
26 01 50 51-0125	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	58.58	
26 01 50 51-0126	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	47.48	
26 01 50 51-0127	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	66.00	
26 01 50 51-0128	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	47.48	
26 01 50 51-0129		**LED Lamps, Medium Base, PAR** *(26 01 50 51-0113)*		
26 01 50 51-0130	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	54.13	
26 01 50 51-0131	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	77.17	
26 01 50 51-0132	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	77.17	
26 01 50 51-0133	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	73.46	
26 01 50 51-0134	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	69.75	
26 01 50 51-0135	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	69.75	
26 01 50 51-0136	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	144.71	
26 01 50 51-0137	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	77.17	
26 01 50 51-0138	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	73.46	
26 01 50 51-0139	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	77.17	
26 01 50 51-0140	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	77.17	
26 01 50 51-0141		**LED Lamps, GU Base, MR16** *(26 01 50 51-0113)*		
26 01 50 51-0142	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	34.49	
26 01 50 51-0143	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	48.19	
26 01 50 51-0144	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	54.13	
26 01 50 51-0145		**LED Lamps, PL Series** *(26 01 50 51-0113)*		
26 01 50 51-0146	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	17.24	
26 01 50 51-0147	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	22.73	
26 01 50 51-0148	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	19.20	
26 01 50 51-0149	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	21.41	
26 01 50 51-0150	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	21.41	
26 01 50 51-0151	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	25.39	
26 01 50 51-0152	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	21.41	
26 01 50 51-0153	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	21.41	
26 01 50 51-0154	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	21.41	
26 01 50 51-0155	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	21.41	
26 01 50 51-0156	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	24.06	
26 01 50 51-0157	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	24.06	
26 01 50 51-0158	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	24.06	
26 01 50 51-0159	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	24.06	
26 01 50 51-0160	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	22.73	
26 01 50 51-0161	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	22.73	
26 01 50 51-0162	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	22.73	
26 01 50 51-0163	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	23.62	
26 01 50 51-0164	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	23.62	
26 01 50 51-0165	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	23.81	
26 01 50 51-0166	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	23.81	
26 01 50 51-0167	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	23.81	
26 01 50 51-0168	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	23.81	
26 01 50 51-0169	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	24.50	
26 01 50 51-0170	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	24.50	
26 01 50 51-0171	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	24.50	
26 01 50 51-0172	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	24.50	
26 01 50 51-0173	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	24.50	
26 01 50 51-0174	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	24.50	
26 01 50 51-0175	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	24.50	
26 01 50 51-0176	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	24.50	
26 01 50 51-0177	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	31.41	
26 01 50 51-0178	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	31.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0179	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	31.41	
26 01 50 51-0180	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	29.82	
26 01 50 51-0181	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	29.82	
26 01 50 51-0182	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	29.82	
26 01 50 51-0183	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	26.51	
26 01 50 51-0184		HID LED Lamps, Medium Base E26 *(26 01 50 51-0113)*		
26 01 50 51-0185	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	60.32	
26 01 50 51-0186	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	60.32	
26 01 50 51-0187	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	76.67	
26 01 50 51-0188	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	76.67	
26 01 50 51-0189	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	52.04	
26 01 50 51-0190	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	52.04	
26 01 50 51-0191	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	52.04	
26 01 50 51-0192	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	52.04	
26 01 50 51-0193	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	53.81	
26 01 50 51-0194	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	53.81	
26 01 50 51-0195	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	53.81	
26 01 50 51-0196	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	53.81	
26 01 50 51-0197	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	60.89	
26 01 50 51-0198	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	60.89	
26 01 50 51-0199	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	60.89	
26 01 50 51-0200	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	60.89	
26 01 50 51-0201	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	69.73	
26 01 50 51-0202	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	69.73	
26 01 50 51-0203	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	69.73	
26 01 50 51-0204	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	69.73	
26 01 50 51-0205	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	89.18	
26 01 50 51-0206	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	89.18	
26 01 50 51-0207	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	89.18	
26 01 50 51-0208	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	89.18	
26 01 50 51-0209	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	105.99	
26 01 50 51-0210	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	105.99	
26 01 50 51-0211	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	105.99	
26 01 50 51-0212	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	105.99	
26 01 50 51-0213	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	117.48	
26 01 50 51-0214	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	117.48	
26 01 50 51-0215	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	117.48	
26 01 50 51-0216	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	117.48	
26 01 50 51-0217	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	159.04	
26 01 50 51-0218	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	159.04	
26 01 50 51-0219	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	159.04	
26 01 50 51-0220	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	159.04	
26 01 50 51-0221	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	164.35	
26 01 50 51-0222	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	164.35	
26 01 50 51-0223	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	164.35	
26 01 50 51-0224	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	164.35	
26 01 50 51-0225	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	195.30	
26 01 50 51-0226	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	195.30	
26 01 50 51-0227	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	195.30	
26 01 50 51-0228	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	195.30	
26 01 50 51-0229	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	232.44	
26 01 50 51-0230	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	232.44	
26 01 50 51-0231	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	232.44	
26 01 50 51-0232	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	232.44	
26 01 50 51-0233	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	74.88	
26 01 50 51-0234	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	81.07	
26 01 50 51-0235	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	81.07	
26 01 50 51-0236	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	74.88	
26 01 50 51-0237	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	94.33	
26 01 50 51-0238	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	86.38	
26 01 50 51-0239	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	104.06	
26 01 50 51-0240	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	103.02	
26 01 50 51-0241	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	105.39	
26 01 50 51-0242	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	105.39	
26 01 50 51-0243	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	63.41	
26 01 50 51-0244	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	63.41	
26 01 50 51-0245	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	71.59	
26 01 50 51-0246	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	71.59	
26 01 50 51-0247	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	77.03	
26 01 50 51-0248	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	77.03	
26 01 50 51-0249	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	85.20	
26 01 50 51-0250	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	85.20	
26 01 50 51-0251	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	85.62	
26 01 50 51-0252	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	92.88	
26 01 50 51-0253	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	115.78	
26 01 50 51-0254	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	127.63	
26 01 50 51-0255	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	49.54	
26 01 50 51-0256	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	55.91	
26 01 50 51-0257	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	59.09	
26 01 50 51-0258	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	65.02	
26 01 50 51-0259	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	78.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0260	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	92.00	
26 01 50 51-0261	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	126.01	
26 01 50 51-0262	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	132.81	
26 01 50 51-0263	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	143.70	
26 01 50 51-0264	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	150.50	
26 01 50 51-0265	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	217.16	
26 01 50 51-0266	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	66.41	

26 01 50 51-0267 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0113)*

26 01 50 51-0268	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	207.27	
26 01 50 51-0269	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	207.27	
26 01 50 51-0270	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	207.27	
26 01 50 51-0271	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	60.32	
26 01 50 51-0272	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	60.32	
26 01 50 51-0273	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	60.32	
26 01 50 51-0274	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	76.67	
26 01 50 51-0275	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	76.67	
26 01 50 51-0276	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	76.67	
26 01 50 51-0277	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	143.00	
26 01 50 51-0278	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	159.04	
26 01 50 51-0279	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	159.04	
26 01 50 51-0280	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	159.04	
26 01 50 51-0281	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	159.04	
26 01 50 51-0282	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	164.35	
26 01 50 51-0283	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	164.35	
26 01 50 51-0284	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	164.35	
26 01 50 51-0285	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	164.35	
26 01 50 51-0286	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	195.30	
26 01 50 51-0287	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	195.30	
26 01 50 51-0288	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	195.30	
26 01 50 51-0289	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	195.30	
26 01 50 51-0290	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	232.44	
26 01 50 51-0291	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	232.44	
26 01 50 51-0292	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	232.44	
26 01 50 51-0293	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	232.44	
26 01 50 51-0294	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	81.07	
26 01 50 51-0295	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	81.07	
26 01 50 51-0296	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	94.33	
26 01 50 51-0297	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	93.11	
26 01 50 51-0298	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	104.06	
26 01 50 51-0299	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	103.02	
26 01 50 51-0300	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	105.39	
26 01 50 51-0301	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	102.31	
26 01 50 51-0302	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	222.56	
26 01 50 51-0303	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	81.04	
26 01 50 51-0304	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	81.04	
26 01 50 51-0305	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	92.04	
26 01 50 51-0306	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	92.04	
26 01 50 51-0307	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	98.66	
26 01 50 51-0308	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	98.66	
26 01 50 51-0309	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	63.30	
26 01 50 51-0310	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	63.30	
26 01 50 51-0311	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	71.59	
26 01 50 51-0312	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	71.59	
26 01 50 51-0313	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	77.03	
26 01 50 51-0314	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	77.03	
26 01 50 51-0315	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	85.20	
26 01 50 51-0316	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	85.20	
26 01 50 51-0317	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	154.07	
26 01 50 51-0318	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	178.30	
26 01 50 51-0319	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	212.79	
26 01 50 51-0320	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	415.87	
26 01 50 51-0321	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	392.68	
26 01 50 51-0322	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	415.87	
26 01 50 51-0323	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	417.68	
26 01 50 51-0324	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	62.90	
26 01 50 51-0325	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	62.90	
26 01 50 51-0326	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	62.90	
26 01 50 51-0327	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	186.37	
26 01 50 51-0328	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	421.33	
26 01 50 51-0329	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	178.36	
26 01 50 51-0330	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	210.36	
26 01 50 51-0331	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	92.00	
26 01 50 51-0332	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	292.88	

26 01 50 51-0333 LED Lamps, 2G11 Base *(26 01 50 51-0113)*

26 01 50 51-0334	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	48.92	

26 01 50 51-0335 LED Lamps, GX23 Or G23 Base *(26 01 50 51-0113)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0336	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	23.73	

26 01 50 51-0337 LED Lamps, G24 Base *(26 01 50 51-0113)*

26 01 50 51-0338	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	31.03	

26 01 50 51-0339 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0113)*

26 01 50 51-0340	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	42.60	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0341	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	55.72	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0342	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	45.92	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.25*	
26 01 50 51-0343	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	50.32	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0344	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	55.24	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0345	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	34.31	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0346	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	33.15	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0347	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	30.11	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.05*	
26 01 50 51-0348	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	30.60	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.25*	
26 01 50 51-0349	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	30.53	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	
26 01 50 51-0350	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	31.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.44*	

26 01 50 51-0351 Filament LED Lamps *(26 01 50 51-0113)*

26 01 50 51-0352	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	19.31	
26 01 50 51-0353	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	19.31	
26 01 50 51-0354	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	18.43	
26 01 50 51-0355	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	18.43	
26 01 50 51-0356	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	19.84	
26 01 50 51-0357	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	19.84	
26 01 50 51-0358	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	16.66	
26 01 50 51-0359	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	16.66	
26 01 50 51-0360	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	17.19	
26 01 50 51-0361	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	21.08	
26 01 50 51-0362	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	22.98	

26 01 50 51-0363 Other Lamps *(26 01 50 51-0113)*

26 01 50 51-0364	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	18.29	
26 01 50 51-0365	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	18.29	
26 01 50 51-0366	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	18.29	
26 01 50 51-0367	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	19.17	
26 01 50 51-0368	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	19.17	
26 01 50 51-0369	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	19.17	

26 01 50 51-0370 LED Lamps, Light Engines, Round, LER Series *(26 01 50 51-0113)*

26 01 50 51-0371	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)	55.29	
26 01 50 51-0372	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	30.97	

26 01 50 51-0373 Remove Hazardous Lamps From Fixture For Recycling *(26 01 50 51)*

Note: Excludes containers, shipping costs and recycling fees. See CSI section 26 01 50 51-0382 for recycling hazardous lamps.

26 01 50 51-0374	EA	Removal Of 2' Length Linear Fluorescent Lamps	4.05	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.34*	
26 01 50 51-0375	EA	Removal Of 3' Length Linear Fluorescent Lamps	4.63	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.53*	
26 01 50 51-0376	EA	Removal Of 4' Length Linear Fluorescent Lamps	5.20	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.72*	
26 01 50 51-0377	EA	Removal Of 6' Length Linear Fluorescent Lamps	5.79	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0378	EA	Removal Of 8' Length Linear Fluorescent Lamps	6.36	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.10*	
26 01 50 51-0379	EA	Removal Of Compact Fluorescent Lamps	3.47	
		For >25 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-0.69*	
26 01 50 51-0380	EA	Removal Of U-Shaped Or Circular Fluorescent Lamps	5.50	
		For >25 To 40, Deduct	*-0.55*	
		For >40, Deduct	*-1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0381	EA	Removal Of High Intensity Discharge (HID) Or Metal Halide Lamps	9.84	
		For >25 To 40, Deduct	*-0.98*	
		For >40, Deduct	*-1.97*	

26 01 50 51-0382 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.

26 01 50 51-0383	EA	Recycle 2' Length Linear Fluorescent Lamps	1.79	
26 01 50 51-0384	EA	Recycle 3' Length Linear Fluorescent Lamps	2.29	
26 01 50 51-0385	EA	Recycle 4' Length Linear Fluorescent Lamps	2.79	
26 01 50 51-0386	EA	Recycle 6' Length Linear Fluorescent Lamps	3.95	
26 01 50 51-0387	EA	Recycle 8' Length Linear Fluorescent Lamps	4.95	
26 01 50 51-0388	EA	Recycle Compact Fluorescent Lamps	4.56	
26 01 50 51-0389	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	4.56	
26 01 50 51-0390	EA	Recycle High Intensity Discharge (HID) Lamps	7.20	

26 01 50 52 Ballasts Replacement *(26 01 50)*

26 01 50 52-0001 Lighting Ballasts *(26 01 50 52)*

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 52-0002 Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0003 T5 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0004 T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0005 14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	138.79	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	144.58	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*8.12*	

26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	138.79	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	144.58	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*8.12*	

26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	138.79	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	144.58	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*8.12*	

26 01 50 52-0014 35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	138.79	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	144.58	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	

26 01 50 52-0017 54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	138.62	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	144.41	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	198.77	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	204.55	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0022 High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0023 12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	115.72	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	121.51	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	

26 01 50 52-0026 24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	152.59	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	158.38	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0029		39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	152.59	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	158.38	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0032		54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	115.72	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	121.51	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0035		Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*		
26 01 50 52-0036		Step Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	124.36	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0039		Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	501.87	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	493.72	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0043		T8 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0044		T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.45	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	105.98	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	64.24	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	78.38	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	124.87	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	89.58	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	136.33	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*28.42*	
26 01 50 52-0054		25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.45	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	105.98	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	64.24	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*12.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	78.38	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	124.87	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	89.58	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	136.33	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*28.42*	

26 01 50 52-0063 28 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.45	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	105.98	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	64.24	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	78.38	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	124.87	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	89.58	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	136.33	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*28.42*	

26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	58.45	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	105.98	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	64.24	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	78.38	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	124.87	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	89.58	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	136.33	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*28.42*	

26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	95.91	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*8.45*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	105.98	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	101.70	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*8.45*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	127.30	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
		For High Ballast Factor, Add	*5.20*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	124.87	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	133.08	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
		For High Ballast Factor, Add	*5.20*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	136.33	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0090		96 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	115.72	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
		For High Ballast Factor, Add	*18.09*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	121.51	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
		For High Ballast Factor, Add	*18.09*	
26 01 50 52-0093		High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094		48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*		
26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	141.22	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	185.27	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	147.01	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	191.06	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0099		60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*		
26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	141.22	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	185.27	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	147.01	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	191.06	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0104		72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*		
26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	141.22	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	185.27	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	147.01	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	191.06	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0109		96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*		
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	141.22	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	185.27	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	147.01	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	191.06	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0114		Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
26 01 50 52-0115		Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.39	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.62	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	164.40	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0123		25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.39	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.62	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	164.40	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0130		**28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.39	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.62	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	164.40	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0137		**32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.39	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.62	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	164.40	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0144		**40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.39	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.62	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	164.40	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0151		**Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0152		**17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	83.94	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	150.86	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.64	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0159		**25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	83.94	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	150.86	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.64	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0166		**28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	83.94	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	150.86	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.64	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0173		**32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	83.94	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	150.86	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.64	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0180		**40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	69.33	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	75.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	83.94	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	104.34	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	150.86	46.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.64	52.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.62*	
26 01 50 52-0187		**Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188		**17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	175.01	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	180.80	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	215.99	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	221.77	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0193		**25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	175.01	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	180.80	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	215.99	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	221.77	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	175.01	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	180.80	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	215.99	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	221.77	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0203 32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	175.01	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	180.80	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	215.99	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	221.77	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0208 T10 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0209 T10 Fluorescent Electronic Ballasts *(26 01 50 52-0208)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0210 40 Watt, T10 Fluorescent Electronic Ballasts *(26 01 50 52-0209)*

26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	84.54	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	90.33	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	110.90	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

26 01 50 52-0214 T12 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0215 T12 Fluorescent Electronic Ballasts *(26 01 50 52-0214)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0216 25 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	58.45	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	84.54	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	64.24	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	90.33	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	78.38	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	89.58	40.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0223 30 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	84.54	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	90.33	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	110.90	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

26 01 50 52-0227 34 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	84.54	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	90.33	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	110.90	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

26 01 50 52-0231 40 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	84.54	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	90.33	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	110.90	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	

26 01 50 52-0235 96 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	107.11	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	121.51	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	

26 01 50 52-0238 High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0214)*

Note: Includes 120/277 Volt and normal ballast factor.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0239		**48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	141.71	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	147.50	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0242		**60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	141.71	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	147.50	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	141.71	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	147.50	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	141.71	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	147.50	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)*		
		Note: 120/277 Volt.		
26 01 50 52-0252	EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	219.82	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0253	EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	369.00	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0254	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	461.61	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0255	EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	338.04	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0256	EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,632.34	34.72
		For Factory Installation In New Fixtures, Deduct	*-50.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.27*	
26 01 50 52-0257	EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	469.05	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0258	EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	793.80	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0259	EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	431.11	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0260	EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	593.17	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0261	EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	457.22	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	517.39	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	560.95	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	470.09	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	478.08	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	415.09	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	431.11	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	421.88	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	781.13	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	979.84	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,844.20	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,277.34	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	643.56	28.93
		For Factory Installation In New Fixtures, Deduct	*-48.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	838.53	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	4,745.07	28.93
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277	EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	170.80	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0278	EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	263.16	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0279	EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	318.55	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0280	EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	358.09	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0281	EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	368.09	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0282	EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	483.85	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	
26 01 50 52-0283	EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	576.73	23.14
		For Factory Installation In New Fixtures, Deduct	*-46.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.89*	

26 01 50 52-0284 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0285 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0287	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	130.99	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	136.78	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	

26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	130.99	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	136.78	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0292		**32 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	163.64	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	169.43	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0295		**40 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	127.09	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	163.64	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	242.56	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	169.43	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	286.56	34.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 01 50 52-0301		**42 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	163.64	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	169.43	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0304		**55 Watt, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	163.64	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	169.43	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0307		**Dimming, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0284)*		
26 01 50 52-0308		**Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0307)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		**18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	247.12	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	252.91	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0312		**26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	247.12	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	252.91	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0315		**32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	247.12	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	270.94	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0318		**40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	270.94	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0320		**42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	247.12	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	270.94	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0323		**55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	398.18	23.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	446.36	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0326		**High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0327		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*		
26 01 50 52-0328		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0329		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	175.66	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	180.03	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	180.03	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	167.59	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	167.59	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	250.98	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	250.98	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	324.43	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	361.90	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0339		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	158.39	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	168.16	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	163.94	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	193.32	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	189.12	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	216.38	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	216.38	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	261.71	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	261.71	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	420.79	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	420.79	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0351		Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	17.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	29.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.21*	
26 01 50 52-0354		F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0355		Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	223.80	28.93
		For Pulse Start Ballast, Add	*18.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	235.92	28.93
		For Pulse Start Ballast, Add	*19.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	214.62	28.93
		For Pulse Start Ballast, Add	*17.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	249.63	28.93
		For Pulse Start Ballast, Add	*20.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	347.74	28.93
		For Pulse Start Ballast, Add	*30.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0361		High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	269.75	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	288.64	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0364		Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0365		Metal Halide, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	450.93	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0367		High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	696.23	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.10*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	776.80	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.10*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	748.92	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.10*	
26 01 50 52-0371		Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0372		Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	555.87	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	631.32	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	834.78	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	830.40	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,164.45	31.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.84*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,164.45	31.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.84*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	800.46	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	942.26	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0381		High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,039.77	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	989.79	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,273.13	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,273.13	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0386		Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0387		Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	625.01	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	675.36	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	670.40	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	704.14	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,120.46	31.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.84*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,378.06	31.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.84*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,045.62	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	951.70	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0396		High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	807.72	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	871.23	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,302.44	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0400	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,120.25	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0401 Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*

26 01 50 52-0402 Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0401)*

26 01 50 52-0403	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	247.95	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0404	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	247.95	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0405	EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	279.78	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0406	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	725.85	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0407	EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	725.85	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0408	EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	725.85	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0409	EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	725.85	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0410	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	725.85	28.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	

26 01 50 52-0411 Owner Supplied Ballasts *(26 01 50 52-0001)*

26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	23.14	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.94*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	28.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.68*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	33.56	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.07*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	35.87	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.76*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	40.50	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	42.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.84*	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001 Lens and Accessory Replacement *(26 01 50 53)*

26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver	84.32	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures	183.22	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole	209.54	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures	87.03	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	29.70	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	30.77	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	35.41	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder	13.21	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder	13.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder	14.79	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	16.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	18.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in	14.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes	59.23	

26 01 50 54 Light Fixture Driver Replacement *(26 01 50)*

26 01 50 54-0001 Factory Replacement Of Light Fixture Driver *(26 01 50 54)*

26 01 50 54-0002	EA	Factory Replacement Of Existing Flight Fixture Transformers To 480 Volt Note: Includes shipping to manufacture, factory re-work, parts, return shipping.	1,338.69	

26 01 50 71 Historic Lighting Restoration *(26 01 50)*

26 01 50 71-0001 Historic Lighting Restoration *(26 01 50 71)*

26 01 50 71-0002	LS	Remove, Restore, And Reinstall Historic Decorative Light Fixtures Note: Remove, Restore, and Reinstall (9) Original Decorative Light fixtures per the "Secretary of the Interior's Standards for Rehabilitation" published in the most current edition of the United States National Park Service in "The Secretary of the Interior's Standards for the Treatment of Historic Properties." Include one (1) mock up, Re-sculpting of missing ornamental woodwork, cleaning, refinishing exterior woodwork, installing new wax paper finish on two lights and using salvaged light paper to repair (3) additional lights including faux finishing to match the original distressed paper patina finish, and re-lamp with new LED bulbs.	27,400.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 81 Luminaire Replacement *(26 01 50)*

26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

26 01 50 81-0002 LED Lighting Retrofits For Existing Fixtures *(26 01 50 81-0001)*

26 01 50 81-0003 LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0004	EA	7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	104.43
26 01 50 81-0005	EA	7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	104.43
26 01 50 81-0006	EA	7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	104.43
26 01 50 81-0007	EA	4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)	85.92
26 01 50 81-0008	EA	4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)	85.92
26 01 50 81-0009	EA	4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)	85.92
26 01 50 81-0010	EA	6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)	93.71
26 01 50 81-0011	EA	6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)	93.71
26 01 50 81-0012	EA	6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)	93.71

26 01 50 81-0013 LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0014	EA	2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	305.07
26 01 50 81-0015	EA	3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	316.76
26 01 50 81-0016	EA	4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	328.45
26 01 50 81-0017	EA	5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	342.45
26 01 50 81-0018	EA	6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	376.55
26 01 50 81-0019	EA	7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	390.55
26 01 50 81-0020	EA	8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	422.71
26 01 50 81-0021	EA	9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	434.40
26 01 50 81-0022	EA	10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	448.39
26 01 50 81-0023	EA	11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	469.83
26 01 50 81-0024	EA	12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	492.59
26 01 50 81-0025	EA	13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	515.00
26 01 50 81-0026	EA	14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	526.70
26 01 50 81-0027	EA	16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	546.18
26 01 50 81-0028	EA	17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	569.14
26 01 50 81-0029	EA	18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	593.50
26 01 50 81-0030	EA	19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	630.53
26 01 50 81-0031	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	647.09
26 01 50 81-0032	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	675.70
26 01 50 81-0033	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	713.70
26 01 50 81-0034	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	733.19
26 01 50 81-0035	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	779.52
26 01 50 81-0036	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	822.39
26 01 50 81-0037	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	851.97
26 01 50 81-0038	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	893.87
26 01 50 81-0039	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	975.12
26 01 50 81-0040	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	984.86
26 01 50 81-0041	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,009.75

26 01 50 81-0042 LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0043	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip	129.74
26 01 50 81-0044	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip	129.74
26 01 50 81-0045	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip	129.74
26 01 50 81-0046	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip	134.61
26 01 50 81-0047	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip	134.61
26 01 50 81-0048	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip	134.61
26 01 50 81-0049	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip	144.35
26 01 50 81-0050	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip	144.35
26 01 50 81-0051	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip	144.35
26 01 50 81-0052	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip	134.61
26 01 50 81-0053	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip	134.61
26 01 50 81-0054	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip	134.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0055	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip	144.35	
26 01 50 81-0056	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip	144.35	
26 01 50 81-0057	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip	144.35	
26 01 50 81-0058	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip	163.84	
26 01 50 81-0059	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip	163.84	
26 01 50 81-0060	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip	163.84	
26 01 50 81-0061	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip	129.74	
26 01 50 81-0062	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	129.74	
26 01 50 81-0063	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	129.74	
26 01 50 81-0064	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	129.74	
26 01 50 81-0065	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	129.74	
26 01 50 81-0066	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	129.74	
26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	134.61	
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	134.61	
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	134.61	
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	140.45	
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	140.45	
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	140.45	
26 01 50 81-0073		LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	291.24	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	291.24	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	262.98	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	262.98	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	131.76	
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	131.76	
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	150.27	
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	150.27	
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	163.92	
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	163.92	
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	168.79	
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	168.79	
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	103.50	
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	103.50	
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	115.20	
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	115.20	
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	106.43	
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	106.43	
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	118.12	
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	118.12	
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	105.45	
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	105.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	114.22	
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	114.22	

26 01 50 81-0098 LED Lighting Retrofit Accessories (LG) *(26 01 50 81-0002)*

See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE)	25.34	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	138.76	13.13
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	144.01	15.75
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	178.94	13.13
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	184.19	15.75
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	91.31	10.50
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	29.28	10.50
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	31.63	10.50
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	84.75	15.75

26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.

26 01 50 81-0109 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0110	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	110.55	
		For Specular Ballast Cover, Add	*14.04*	
26 01 50 81-0111	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	117.83	
		For Specular Ballast Cover, Add	*15.50*	
26 01 50 81-0112	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	160.52	
		For Specular Ballast Cover, Add	*24.04*	
26 01 50 81-0113	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	186.34	
		For Specular Ballast Cover, Add	*29.20*	

26 01 50 81-0114 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0115	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	116.82	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0116	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	124.86	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0117	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	169.31	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0118	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	220.07	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0119 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0120	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	144.68	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0121	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	151.96	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0122	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	154.21	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0123	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	173.47	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0124	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	213.49	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0125	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	159.49	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0126	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	176.38	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0127	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	190.34	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0128 Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*

26 01 50 81-0129 Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0130	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.47	
26 01 50 81-0131	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.47	
26 01 50 81-0132	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0133	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	179.88	
26 01 50 81-0134	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.47	
26 01 50 81-0135	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.47	
26 01 50 81-0136	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.47	
26 01 50 81-0137	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	179.88	
26 01 50 81-0138	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	166.52	
26 01 50 81-0139	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	166.52	
26 01 50 81-0140	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	166.52	
26 01 50 81-0141	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	180.92	
26 01 50 81-0142	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	166.52	
26 01 50 81-0143	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	166.52	
26 01 50 81-0144	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	166.52	
26 01 50 81-0145	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	180.92	

26 01 50 81-0146 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0147	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	228.21	
26 01 50 81-0148	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	238.00	

26 01 50 81-0149 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0150	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	358.03	
26 01 50 81-0151	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	366.78	
26 01 50 81-0152	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	358.03	
26 01 50 81-0153	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	366.78	
26 01 50 81-0154	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	410.52	
26 01 50 81-0155	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	423.64	
26 01 50 81-0156	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	454.26	

26 01 50 81-0157 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0158	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	331.26	
26 01 50 81-0159	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	343.47	
26 01 50 81-0160	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	347.12	
26 01 50 81-0161	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	359.32	
26 01 50 81-0162	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	248.90	
26 01 50 81-0163	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	254.70	
26 01 50 81-0164	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	263.97	
26 01 50 81-0165	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	269.77	
26 01 50 81-0166	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	334.68	
26 01 50 81-0167	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	399.58	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0168		Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0128)* Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0169	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	310.65	
26 01 50 81-0170	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	223.26	
26 01 50 81-0171	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	318.84	
26 01 50 81-0172	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	231.38	
26 01 50 81-0173	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	333.60	
26 01 50 81-0174	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	253.33	
26 01 50 81-0175	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	365.30	
26 01 50 81-0176	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	277.72	
26 01 50 81-0177	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	372.96	
26 01 50 81-0178	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	285.45	
26 01 50 81-0179	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	387.54	
26 01 50 81-0180	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	307.29	
26 01 50 81-0181		LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0128)* Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0182	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	665.67	
26 01 50 81-0183	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	740.27	
26 01 50 81-0184		Retrofit Existing Fixtures With Emergency Battery Pack *(26 01 50 81-0001)*		
26 01 50 81-0185	EA	90 minute, 10 Watt, 50 VDC, Emergency Battery Pack for 2x4 LED Lighting Fixture (AcuityBrands Power Sentry® PS1050 FIK)	507.80	
26 01 50 81-0186	EA	90 minute, 10 Watt, 50 VDC, Emergency Battery Pack for 2x4 LED Lighting Fixture (AcuityBrands Power Sentry® PS1055LCP M5)	550.40	
26 01 50 81-0187		Retrofit Existing HID Fixtures *(26 01 50 81-0001)*		
26 01 50 81-0188	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,509.87	
26 01 50 81-0189		LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)* Note: Excludes recycling or disposal of lamps and ballasts.		
26 01 50 81-0190		LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0189)*		
26 01 50 81-0191	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	112.58	
		For >25 To 50, Deduct	*-5.63*	
		For >50 To 100, Deduct	*-9.74*	
		For >100, Deduct	*-16.44*	
26 01 50 81-0192	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	164.63	
		For >25 To 50, Deduct	*-8.23*	
		For >50 To 100, Deduct	*-13.64*	
		For >100, Deduct	*-21.65*	
26 01 50 81-0193	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	122.53	
		For >25 To 50, Deduct	*-6.13*	
		For >50 To 100, Deduct	*-10.56*	
		For >100, Deduct	*-17.73*	
26 01 50 81-0194	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	112.37	
		For >25 To 50, Deduct	*-5.62*	
		For >50 To 100, Deduct	*-9.80*	
		For >100, Deduct	*-16.71*	
26 01 50 81-0195	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	147.85	
		For >25 To 50, Deduct	*-7.39*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-20.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0196	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	192.96	
		For >25 To 50, Deduct	*-9.65*	
		For >50 To 100, Deduct	*-15.91*	
		For >100, Deduct	*-25.06*	
26 01 50 81-0197	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.53	
		For >25 To 50, Deduct	*-6.08*	
		For >50 To 100, Deduct	*-10.56*	
		For >100, Deduct	*-17.92*	
26 01 50 81-0198	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.53	
		For >25 To 50, Deduct	*-6.08*	
		For >50 To 100, Deduct	*-10.56*	
		For >100, Deduct	*-17.92*	
26 01 50 81-0199	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	156.87	
		For >25 To 50, Deduct	*-7.84*	
		For >50 To 100, Deduct	*-13.21*	
		For >100, Deduct	*-21.45*	
26 01 50 81-0200	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	132.81	
		For >25 To 50, Deduct	*-6.64*	
		For >50 To 100, Deduct	*-11.40*	
		For >100, Deduct	*-19.04*	
26 01 50 81-0201	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	132.81	
		For >25 To 50, Deduct	*-6.64*	
		For >50 To 100, Deduct	*-11.40*	
		For >100, Deduct	*-19.04*	

26 01 50 81-0202 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0189)*

26 01 50 81-0203	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	270.81	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-13.54*	
		For >50 To 100, Deduct	*-21.75*	
		For >100, Deduct	*-32.84*	
26 01 50 81-0204	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)	292.15	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-14.61*	
		For >50 To 100, Deduct	*-23.35*	
		For >100, Deduct	*-34.98*	
26 01 50 81-0205	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	308.10	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-15.41*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-36.57*	
26 01 50 81-0206	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	333.02	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-16.65*	
		For >50 To 100, Deduct	*-26.42*	
		For >100, Deduct	*-39.07*	
26 01 50 81-0207	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	356.81	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-17.84*	
		For >50 To 100, Deduct	*-28.49*	
		For >100, Deduct	*-42.60*	
26 01 50 81-0208	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	385.75	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-19.29*	
		For >50 To 100, Deduct	*-30.66*	
		For >100, Deduct	*-45.49*	

26 01 50 81-0209 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0189)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0210	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)	104.81	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.24*	
		For >50 To 100, Deduct	*-9.16*	
		For >100, Deduct	*-15.67*	
26 01 50 81-0211	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)	104.81	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.24*	
		For >50 To 100, Deduct	*-9.16*	
		For >100, Deduct	*-15.67*	
26 01 50 81-0212	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)	138.94	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.86*	
		For >100, Deduct	*-19.66*	
26 01 50 81-0213	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)	138.94	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.86*	
		For >100, Deduct	*-19.66*	
26 01 50 81-0214	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)	139.06	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.87*	
		For >100, Deduct	*-19.67*	
26 01 50 81-0215	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F)	152.10	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.61*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-20.97*	
26 01 50 81-0216	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)	139.06	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.87*	
		For >100, Deduct	*-19.67*	
26 01 50 81-0217	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)	152.10	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.61*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-20.97*	
26 01 50 81-0218	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)	139.06	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.87*	
		For >100, Deduct	*-19.67*	
26 01 50 81-0219	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)	152.10	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.61*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-20.97*	
26 01 50 81-0220	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)	139.06	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-11.87*	
		For >100, Deduct	*-19.67*	
26 01 50 81-0221	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F)	152.10	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.61*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-20.97*	
26 01 50 81-0222	EA	4' Dimmable, 46 Watts, 6,800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50)	151.99	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.60*	
		For >50 To 100, Deduct	*-12.84*	
		For >100, Deduct	*-20.96*	
26 01 50 81-0223	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	179.89	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.99*	
		For >50 To 100, Deduct	*-14.93*	
		For >100, Deduct	*-23.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0224	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	196.20	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.81*	
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-25.38*	
26 01 50 81-0225	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	179.89	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.99*	
		For >50 To 100, Deduct	*-14.93*	
		For >100, Deduct	*-23.75*	
26 01 50 81-0226	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	196.20	
		Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.81*	
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-25.38*	
26 01 50 81-0227	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800)	199.00	
		Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
		For >25 To 50, Deduct	*-9.95*	
		For >50 To 100, Deduct	*-15.21*	
		For >100, Deduct	*-21.05*	
26 01 50 81-0228	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W)	182.51	
		Note: 90-minute emergency battery with power output of 20 Watts		
		For >25 To 50, Deduct	*-9.13*	
		For >50 To 100, Deduct	*-13.98*	
		For >100, Deduct	*-19.40*	
26 01 50 81-0229	EA	8' Dimmable, 46 Watts, 7,400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50)	180.68	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.03*	
		For >50 To 100, Deduct	*-15.42*	
		For >100, Deduct	*-25.56*	
26 01 50 81-0230	EA	8' Dimmable, 49 Watts, 6,680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F)	188.83	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.44*	
		For >50 To 100, Deduct	*-16.04*	
		For >100, Deduct	*-26.37*	
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	268.90	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.45*	
		For >50 To 100, Deduct	*-22.04*	
		For >100, Deduct	*-34.38*	
26 01 50 81-0232	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	301.51	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-15.08*	
		For >50 To 100, Deduct	*-24.49*	
		For >100, Deduct	*-37.64*	
26 01 50 81-0233	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	268.90	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.45*	
		For >50 To 100, Deduct	*-22.04*	
		For >100, Deduct	*-34.38*	
26 01 50 81-0234	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	301.51	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-15.08*	
		For >50 To 100, Deduct	*-24.49*	
		For >100, Deduct	*-37.64*	

26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 5 KV Cable *(26 05 13 16-0001)*

26 05 13 16-0003 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct *(26 05 13 16-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0004	MLF	#6 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,508.33	904.55
26 05 13 16-0005	MLF	#4 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,155.05	987.69
26 05 13 16-0006	MLF	#2 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,960.70	1,115.94
26 05 13 16-0007	MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,439.34	1,374.88
26 05 13 16-0008	MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,334.73	1,548.23
26 05 13 16-0009	MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,007.59	1,718.50
26 05 13 16-0010	MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	10,139.05	1,930.91
26 05 13 16-0011	MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	12,040.07	2,148.22
26 05 13 16-0012	MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	14,033.57	2,564.93
26 05 13 16-0013	MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	17,698.94	3,015.01
26 05 13 16-0014	MLF	750 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	26,397.83	3,553.51
26 05 13 16-0015	MLF	1,000 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	35,102.39	4,091.76

26 05 13 16-0016 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0002)*

Note: Excludes excavation.

26 05 13 16-0017	MLF	#6 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,395.27	
26 05 13 16-0018	MLF	#4 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,834.06	
26 05 13 16-0019	MLF	#2 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,319.05	
26 05 13 16-0020	MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,362.89	
26 05 13 16-0021	MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,824.78	
26 05 13 16-0022	MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,283.90	
26 05 13 16-0023	MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,884.35	
26 05 13 16-0024	MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,459.47	
26 05 13 16-0025	MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,524.05	
26 05 13 16-0026	MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,165.90	

26 05 13 16-0027 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0002)*

26 05 13 16-0028	MLF	#6 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,738.18	567.09
26 05 13 16-0029	MLF	#4 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,284.91	608.05
26 05 13 16-0030	MLF	#2 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,192.68	768.92
26 05 13 16-0031	MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,456.72	933.44
26 05 13 16-0032	MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,345.48	1,095.78
26 05 13 16-0033	MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,006.46	1,253.15
26 05 13 16-0034	MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,134.99	1,454.00
26 05 13 16-0035	MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,479.61	1,829.22
26 05 13 16-0036	MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,707.19	2,314.54
26 05 13 16-0037	MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,808.09	2,908.00

26 05 13 16-0038 5 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0002)*

26 05 13 16-0039	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	7,623.58	1,802.67
26 05 13 16-0040	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,779.33	1,828.57
26 05 13 16-0041	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,935.11	1,854.48
26 05 13 16-0042	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,349.06	1,895.47
26 05 13 16-0043	MLF	350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	12,378.16	1,967.77
26 05 13 16-0044	MLF	500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	17,623.27	2,062.25
26 05 13 16-0045	MLF	750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	27,223.95	2,577.81
26 05 13 16-0046	MLF	1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	31,450.07	3,437.13

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0047			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct *(26 05 13 16-0002)*		
26 05 13 16-0048		MLF	#6 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,732.81	904.55
26 05 13 16-0049		MLF	#4 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,458.51	987.69
26 05 13 16-0050		MLF	#2 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,351.45	1,115.94
26 05 13 16-0051		MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,165.43	1,245.35
26 05 13 16-0052		MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,979.75	1,374.88
26 05 13 16-0053		MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,958.27	1,548.23
26 05 13 16-0054		MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,855.61	1,718.50
26 05 13 16-0055		MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,095.15	1,930.91
26 05 13 16-0056		MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	13,240.60	2,148.22
26 05 13 16-0057		MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	15,405.37	2,564.93
26 05 13 16-0058		MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	19,528.00	3,015.01
26 05 13 16-0059		MLF	750 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	29,550.94	3,553.51
26 05 13 16-0060		MLF	1,000 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	39,579.52	4,091.76
26 05 13 16-0061			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0002)* Note: Excludes excavation.		
26 05 13 16-0062		MLF	#6 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,619.74	
26 05 13 16-0063		MLF	#4 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,137.52	
26 05 13 16-0064		MLF	#2 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,709.80	
26 05 13 16-0065		MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,307.04	
26 05 13 16-0066		MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,903.30	
26 05 13 16-0067		MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,448.33	
26 05 13 16-0068		MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,131.92	
26 05 13 16-0069		MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,840.45	
26 05 13 16-0070		MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,660.00	
26 05 13 16-0071		MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,895.85	
26 05 13 16-0072		MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	14,994.97	
26 05 13 16-0073			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0002)*		
26 05 13 16-0074		MLF	#6 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,962.66	567.09
26 05 13 16-0075		MLF	#4 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,588.37	608.05
26 05 13 16-0076		MLF	#2 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,583.43	768.92
26 05 13 16-0077		MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,288.77	850.57
26 05 13 16-0078		MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,997.13	933.44
26 05 13 16-0079		MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,969.02	1,095.78
26 05 13 16-0080		MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,854.48	1,253.15
26 05 13 16-0081		MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,091.09	1,454.00
26 05 13 16-0082		MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,680.14	1,829.22
26 05 13 16-0083		MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,078.99	2,314.54
26 05 13 16-0084		MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	19,637.15	2,908.00

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0085			15 KV Cable *(26 05 13 16-0001)*		
26 05 13 16-0086			Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
26 05 13 16-0087			Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0086)*		
26 05 13 16-0088		MLF	#4 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	7,669.81	1,802.67
26 05 13 16-0089		MLF	#2 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,313.29	1,802.67
26 05 13 16-0090		MLF	#1 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,558.73	1,802.67
26 05 13 16-0091		MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	9,358.31	1,802.67
26 05 13 16-0092		MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	10,117.22	1,802.67
26 05 13 16-0093		MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	11,588.48	1,881.67
26 05 13 16-0094		MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	11,886.63	1,881.67
26 05 13 16-0095		MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	13,728.33	1,967.77
26 05 13 16-0096		MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	15,591.85	2,013.91
26 05 13 16-0097		MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	19,250.35	2,268.47
26 05 13 16-0098			Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0086)* Note: Excludes excavation.		
26 05 13 16-0099		MLF	#1 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,619.61	
26 05 13 16-0100		MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,419.17	
26 05 13 16-0101		MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,178.09	
26 05 13 16-0102		MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,674.28	
26 05 13 16-0103		MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,972.42	
26 05 13 16-0104		MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,920.71	
26 05 13 16-0105		MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,787.38	
26 05 13 16-0106		MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	17,188.11	
26 05 13 16-0107			Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0086)*		
26 05 13 16-0108		MLF	#1 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,182.20	810.11
26 05 13 16-0109		MLF	1/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,306.10	933.44
26 05 13 16-0110		MLF	2/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,491.89	1,095.78
26 05 13 16-0111		MLF	3/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,179.67	1,253.15
26 05 13 16-0112		MLF	4/0 AWG, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,005.89	1,454.00
26 05 13 16-0113		MLF	250 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,259.86	1,692.64
26 05 13 16-0114		MLF	350 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,743.45	1,972.37
26 05 13 16-0115		MLF	500 MCM, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	19,603.79	2,291.09
26 05 13 16-0116			Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
26 05 13 16-0117			Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0116)*		
26 05 13 16-0118		MLF	#4 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,239.18	1,802.67
26 05 13 16-0119		MLF	#2 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,998.48	1,802.67
26 05 13 16-0120		MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,288.10	1,802.67

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0121	MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,231.60	1,802.67
26 05 13 16-0122	MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,127.12	1,802.67
26 05 13 16-0123	MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,827.68	1,881.67
26 05 13 16-0124	MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,179.49	1,881.67
26 05 13 16-0125	MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,313.92	1,967.77
26 05 13 16-0126	MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	17,492.12	2,013.91
26 05 13 16-0127	MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	21,694.60	2,268.47

26 05 13 16-0128 Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0116)*

Note: Excludes excavation.

26 05 13 16-0129	MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,348.98	
26 05 13 16-0130	MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,292.47	
26 05 13 16-0131	MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,187.99	
26 05 13 16-0132	MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,913.48	
26 05 13 16-0133	MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,265.28	
26 05 13 16-0134	MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,501.69	
26 05 13 16-0135	MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,679.57	
26 05 13 16-0136	MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	19,632.36	

26 05 13 16-0137 Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0116)*

26 05 13 16-0138	MLF	#1 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,911.57	810.11
26 05 13 16-0139	MLF	1/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,179.40	933.44
26 05 13 16-0140	MLF	2/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,501.79	1,095.78
26 05 13 16-0141	MLF	3/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,418.87	1,253.15
26 05 13 16-0142	MLF	4/0 AWG, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,298.75	1,454.00
26 05 13 16-0143	MLF	250 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,845.45	1,692.64
26 05 13 16-0144	MLF	350 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,643.72	1,972.37
26 05 13 16-0145	MLF	500 MCM, Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	22,048.04	2,291.09

26 05 13 16-0146 15 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0085)*

26 05 13 16-0147	MLF	1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	11,107.07	1,808.98
26 05 13 16-0148	MLF	2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,568.99	1,852.22
26 05 13 16-0149	MLF	3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	14,493.56	1,895.47
26 05 13 16-0150	MLF	350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	19,996.67	2,021.78

26 05 13 16-0151 Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 16-0085)*

Note: Laid in cable tray or hung in vertical cable shaft.

26 05 13 16-0152 Galvanized Steel Interlocked Armor Cable *(26 05 13 16-0151)*

26 05 13 16-0153	LF	3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	52.09	13.79
26 05 13 16-0154	LF	3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	62.48	14.69

26 05 13 16-0155 Aluminum Interlocked Armor Cable *(26 05 13 16-0151)*

26 05 13 16-0156	LF	3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	52.09	13.79
26 05 13 16-0157	LF	3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	62.48	14.69

26 05 13 16-0158 Underground Residential Distribution (URD), 15 KV Primary Concentric UD Cable *(26 05 13 16-0085)*

Note: 0.175" cross-linked polyethylene (XLPE) insulation, copper conductor.

26 05 13 16-0159	MLF	#4 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	3,795.44	904.55

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0160	MLF	#2 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	4,543.17	987.69
26 05 13 16-0161	MLF	#1 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	5,460.48	1,115.94
26 05 13 16-0162	MLF	1/0 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	7,121.37	1,371.13
26 05 13 16-0163	MLF	2/0 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	8,120.65	1,543.60
26 05 13 16-0164	MLF	3/0 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	10,092.20	1,718.50
26 05 13 16-0165	MLF	4/0 AWG, Underground Residential Distribution (URD), Cross-Linked Polyethylene (XLPE) Insulation, 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	11,343.88	1,923.69
26 05 13 16-0166		15 KV, Underground Residential Distribution (URD), Copper Cable, Direct Burial *(26 05 13 16-0085)*		
26 05 13 16-0167	MLF	3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial	18,926.84	
26 05 13 16-0168		Wire Connections *(26 05 13 16-0001)*		
26 05 13 16-0169		Medium Voltage Up To 5 KV *(26 05 13 16-0168)*		
26 05 13 16-0170		Shielded One Conductor Cable Splice *(26 05 13 16-0169)*		
26 05 13 16-0171	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	464.77	114.95
26 05 13 16-0172	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	702.05	114.95
26 05 13 16-0173	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	702.05	114.95
26 05 13 16-0174	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	736.26	137.94
26 05 13 16-0175	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	736.26	137.94
26 05 13 16-0176	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	736.26	137.94
26 05 13 16-0177	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	781.88	160.93
26 05 13 16-0178	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	781.88	160.93
26 05 13 16-0179	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	781.88	160.93
26 05 13 16-0180		Cable Termination Without Stress Cone *(26 05 13 16-0169)*		
26 05 13 16-0181	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	777.34	137.94
26 05 13 16-0182	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	893.70	160.93
26 05 13 16-0183		Cable Termination With Stress Cone *(26 05 13 16-0169)*		
26 05 13 16-0184	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	2,586.56	275.89
26 05 13 16-0185	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	3,541.70	379.35
26 05 13 16-0186		Connect To Pothead, Pothead Included *(26 05 13 16-0169)*		
26 05 13 16-0187	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	2,729.88	275.89
26 05 13 16-0188	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	3,557.33	316.13
26 05 13 16-0189		Two Conductor Pothead *(26 05 13 16-0169)* Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA	#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,629.69	379.35
26 05 13 16-0191	EA	250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	2,252.95	482.81
26 05 13 16-0192	EA	400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	3,810.66	547.41
26 05 13 16-0193	EA	750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	6,708.99	638.68
26 05 13 16-0194	EA	1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	12,779.35	957.91
26 05 13 16-0195		Three Conductor Pothead *(26 05 13 16-0169)* Note: Includes 5 KV pothead.		
26 05 13 16-0196	EA	#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	8,658.63	551.78
26 05 13 16-0197	EA	250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	9,401.35	643.74
26 05 13 16-0198		Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0169)* Note: For bare wire.		
26 05 13 16-0199	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	80.65	
26 05 13 16-0200	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	90.20	
26 05 13 16-0201	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	105.09	
26 05 13 16-0202	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	117.98	
26 05 13 16-0203	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	133.70	
26 05 13 16-0204	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	148.30	
26 05 13 16-0205	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	162.44	
26 05 13 16-0206	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	178.49	
26 05 13 16-0207	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	193.38	
26 05 13 16-0208	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	209.14	
26 05 13 16-0209	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	225.99	
26 05 13 16-0210	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	240.22	
26 05 13 16-0211	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	273.27	
26 05 13 16-0212	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	308.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0213		**Aluminum Cable Splice, Crimp Compression Connection** *(26 05 13 16-0169)* Note: For bare wire.		
26 05 13 16-0214	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	85.76	
26 05 13 16-0215	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	93.03	
26 05 13 16-0216	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	127.31	
26 05 13 16-0217	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	157.42	
26 05 13 16-0218	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	170.69	
26 05 13 16-0219	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	183.81	
26 05 13 16-0220	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	203.31	
26 05 13 16-0221	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	219.63	
26 05 13 16-0222	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	234.77	
26 05 13 16-0223	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	251.05	
26 05 13 16-0224	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	266.52	
26 05 13 16-0225	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	310.95	
26 05 13 16-0226	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	355.96	
26 05 13 16-0227		**15 KV** *(26 05 13 16-0168)*		
26 05 13 16-0228		**Single Conductor Pothead On Racks** *(26 05 13 16-0227)* Note: Includes pothead.		
26 05 13 16-0229	EA	#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks	1,953.55	482.81
26 05 13 16-0230	EA	250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks	2,517.11	597.76
26 05 13 16-0231		**Two Conductor Pothead On Rack** *(26 05 13 16-0227)* Note: Includes pothead.		
26 05 13 16-0232	EA	#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks	2,816.54	735.70
26 05 13 16-0233	EA	250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks	3,417.22	873.65
26 05 13 16-0234		**Three Conductor Pothead On Rack** *(26 05 13 16-0227)* Note: Includes pothead.		
26 05 13 16-0235	EA	#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks	3,562.38	954.12
26 05 13 16-0236	EA	250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks	4,429.88	1,195.52
26 05 13 16-0237		**Stress Relief Cone On Rack** *(26 05 13 16-0227)*		
26 05 13 16-0238	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	1,780.40	482.81
26 05 13 16-0239	EA	250 To 500 MCM Stress Relief Cone, On Rack	2,322.44	597.76
26 05 13 16-0240		**Grounded, Shielded Cable Splice** *(26 05 13 16-0227)*		
26 05 13 16-0241	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	1,175.27	356.36
26 05 13 16-0242	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	1,499.45	459.82
26 05 13 16-0243	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	9,070.77	1,264.50
26 05 13 16-0244	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	12,129.10	1,379.45
26 05 13 16-0245		**Cable Termination** *(26 05 13 16-0227)*		
26 05 13 16-0246	EA	#2 To 3/0 AWG Cable Termination 15 KV	849.26	201.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.70*	
26 05 13 16-0247	EA	4/0 To 250 MCM Cable Termination 15 KV	1,064.11	258.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.19*	
26 05 13 16-0248	EA	350 To 500 MCM Cable Termination 15 KV	1,328.17	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	
26 05 13 16-0249	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	567.03	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 05 13 16-0250		**Stress Cones, 5-15 KV, 4 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0251	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	1,295.77	149.44
26 05 13 16-0252	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	1,486.40	165.17
26 05 13 16-0253	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	1,795.69	180.75
26 05 13 16-0254	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	2,357.39	208.25
26 05 13 16-0255		**Stress Cones, 5-15 KV, 6 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0256	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	2,591.59	299.39
26 05 13 16-0257	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	2,973.25	330.33
26 05 13 16-0258	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	3,577.94	354.79
26 05 13 16-0259	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	4,714.78	416.51
26 05 13 16-0260		**35 KV** *(26 05 13 16-0168)*		
26 05 13 16-0261		**35 KV One Conductor Splice** *(26 05 13 16-0260)*		
26 05 13 16-0262	EA	#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing	2,954.20	
26 05 13 16-0263		**Cable Termination** *(26 05 13 16-0260)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0264	EA	#2 To 3/0 AWG Cable Termination, 35 KV	815.42	138.06
26 05 13 16-0265	EA	3/0 AWG To 250 MCM, 35 KV, Cable Termination	1,076.40	208.30
26 05 13 16-0266	EA	350 To 500 MCM Cable Termination 35 KV	1,285.40	222.78
26 05 13 16-0267	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	636.74	114.95
26 05 13 16-0268		70 KV *(26 05 13 16-0168)*		
26 05 13 16-0269		Cable Splice *(26 05 13 16-0268)*		
26 05 13 16-0270	EA	350 MCM, 70 KV, Cable Splicing	22,405.44	
26 05 13 16-0271	EA	#2 To 4/0, 70 KV, Cable Splicing	3,129.37	

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001 Under Carpet Power System *(26 05 19 13)*

Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing

26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	5.94	0.52
26 05 19 13-0003	LF	Steel, Top Shield	11.66	0.52
26 05 19 13-0004	EA	3-Conductor, Splice	33.63	8.93
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	9.70	4.20
26 05 19 13-0006	EA	3-Conductor, Tap	41.94	10.50
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	65.45	8.93
26 05 19 13-0008	EA	3-Conductor, Transition Block Assembly	42.71	5.25
26 05 19 13-0009	EA	Single, Direct Connected, Receptacle With Box	128.83	16.81
26 05 19 13-0010	EA	Dual, Direct Connected, Receptacle With Box	214.70	26.26
26 05 19 13-0011	EA	Floor Mounted Box With Cover	213.99	21.00
26 05 19 13-0012	LF	5-Conductor, #12 Cable With Attached Bottom Shield	9.45	0.52
26 05 19 13-0013	LF	Steel, Top Shield For 5-Conductor Cable	9.38	0.52
26 05 19 13-0014	EA	5-Conductor, Splice	34.08	8.93
26 05 19 13-0015	EA	5-Conductor, Transition Block Assembly	56.52	5.25
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	95.97	21.00
26 05 19 13-0017	EA	Telephone, Transition Fitting Wall Box	63.22	17.33
26 05 19 13-0018	EA	RJ-45, Telephone Fitting With Duplex Jack And Cover	83.22	19.96
26 05 19 13-0019	EA	Miniature Telephone With Duplex RJ-45	35.82	7.88
26 05 19 13-0020	LF	4-Pair, Level 5, Under Carpet Telephone Wire	2.08	0.52
26 05 19 13-0021	EA	BNC, Coax Plug, Connector	28.54	10.50
26 05 19 13-0022	EA	TNC, Coax Plug, Connector	28.54	10.50
26 05 19 13-0023	CLF	Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	150.12	52.52

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.36	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.19	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.65	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.42	

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.74	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	4.77	
26 05 19 16-0010	EA	Minimum Set-up Charge For Boring Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	524.57	

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.

26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

26 05 19 16-0013 Single Solid Conductor, Copper *(26 05 19 16-0012)*

26 05 19 16-0014	MLF	#14 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	640.11	254.92
26 05 19 16-0015	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	802.82	299.88
26 05 19 16-0016	MLF	#10 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	995.87	366.69
26 05 19 16-0017	MLF	#14 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Copper, Single Solid Cable, Installed In Conduit	816.92	254.92
26 05 19 16-0018	MLF	#12 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Copper, Single Solid Cable, Installed In Conduit	987.93	299.88
26 05 19 16-0019	MLF	#10 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,186.05	366.69

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0020		Power Cable, Stranded Conductor, Copper *(26 05 19 16-0012)*		
26 05 19 16-0021		Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Single Stranded Conductor, Power Cable *(26 05 19 16-0020)*		
26 05 19 16-0022	MLF	#16 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	671.94	210.07
26 05 19 16-0023	MLF	#14 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	792.48	252.09
26 05 19 16-0024	MLF	#12 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	978.53	294.11
26 05 19 16-0025	MLF	#10 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,208.78	336.12
26 05 19 16-0026	MLF	#8 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit	1,616.34	420.16
26 05 19 16-0027	MLF	#6 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	2,196.19	504.18
26 05 19 16-0028	MLF	#4 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,018.55	630.23
26 05 19 16-0029	MLF	#3 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,577.68	714.26
26 05 19 16-0030	MLF	#2 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	4,245.66	798.30
26 05 19 16-0031	MLF	#1 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	5,284.58	882.32
26 05 19 16-0032	MLF	1/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	6,350.32	1,008.37
26 05 19 16-0033	MLF	2/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	7,621.77	1,134.42
26 05 19 16-0034	MLF	3/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	9,142.36	1,260.46
26 05 19 16-0035	MLF	4/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	10,980.38	1,386.51
26 05 19 16-0036	MLF	250 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	11,628.00	1,512.55
26 05 19 16-0037	MLF	300 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	13,818.72	1,638.60
26 05 19 16-0038	MLF	350 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	14,738.11	1,764.65
26 05 19 16-0039	MLF	400 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	16,502.13	1,890.69
26 05 19 16-0040	MLF	500 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	19,143.04	2,016.74
26 05 19 16-0041	MLF	600 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	22,073.52	2,184.79
26 05 19 16-0042	MLF	750 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	33,729.81	2,436.89
26 05 19 16-0043	MLF	1,000 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	47,691.79	2,857.04
26 05 19 16-0044		Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Multi Stranded Conductor, Power Cable *(26 05 19 16-0020)*		
26 05 19 16-0045	MLF	2 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,584.97	504.07
26 05 19 16-0046	MLF	3 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,957.30	588.32
26 05 19 16-0047	MLF	4 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,434.77	714.26
26 05 19 16-0048	MLF	6 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,915.89	776.97
26 05 19 16-0049	MLF	7 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,183.80	819.19
26 05 19 16-0050	MLF	9 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,718.02	903.12
26 05 19 16-0051	MLF	10 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,515.51	941.35
26 05 19 16-0052	MLF	12 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,520.53	1,029.37
26 05 19 16-0053	MLF	14 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,003.01	1,092.61
26 05 19 16-0054	MLF	24 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,360.63	1,386.61
26 05 19 16-0055	MLF	37 Conductors, #14 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	11,150.34	2,058.75
26 05 19 16-0056	MLF	2 Conductors, #12 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,957.31	588.32
26 05 19 16-0057	MLF	3 Conductors, #12 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,515.54	714.26
26 05 19 16-0058	MLF	4 Conductors, #12 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,073.82	840.30
26 05 19 16-0059	MLF	2 Conductors, #10 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,626.84	755.96
26 05 19 16-0060	MLF	3 Conductors, #10 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,414.30	923.50

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0061	MLF	4 Conductors, #10 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,415.49	1,176.64
26 05 19 16-0062	MLF	6 Conductors, #10 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,993.56	1,513.08
26 05 19 16-0063	MLF	9 Conductors, #10 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,148.29	1,932.81
26 05 19 16-0064	MLF	2 Conductors, #8 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,285.20	861.32
26 05 19 16-0065	MLF	3 Conductors, #8 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,218.79	1,008.37
26 05 19 16-0066	MLF	4 Conductors, #8 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,467.49	1,281.47
26 05 19 16-0067	MLF	2 Conductors, #6 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,287.45	966.35
26 05 19 16-0068	MLF	3 Conductors, #6 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,800.79	1,197.44
26 05 19 16-0069	MLF	4 Conductors, #6 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,435.03	1,476.84
26 05 19 16-0070	MLF	2 Conductors, #4 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,816.95	1,172.44
26 05 19 16-0071	MLF	3 Conductors, #4 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,681.50	1,341.03
26 05 19 16-0072	MLF	4 Conductors, #4 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	9,955.46	1,673.47
26 05 19 16-0073	MLF	2 Conductors, #2 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,070.10	1,428.11
26 05 19 16-0074	MLF	3 Conductors, #2 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	10,742.28	1,597.00
26 05 19 16-0075	MLF	4 Conductors, #2 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	14,251.64	2,100.77
26 05 19 16-0076	MLF	3 Conductors, #1 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	14,277.31	2,016.42
26 05 19 16-0077	MLF	4 Conductors, #1 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	18,614.69	2,519.87
26 05 19 16-0078	MLF	3 Conductors, 1/0 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	16,951.15	2,185.22
26 05 19 16-0079	MLF	3 Conductors, 2/0 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	20,656.80	2,519.87
26 05 19 16-0080	MLF	3 Conductors, 3/0 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	25,323.14	2,939.82
26 05 19 16-0081	MLF	4 Conductors, 3/0 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	33,414.20	3,779.80
26 05 19 16-0082	MLF	3 Conductors, 4/0 AWG, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	30,952.63	3,364.06
26 05 19 16-0083	MLF	3 Conductors, 250 MCM, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	32,989.20	3,779.80
26 05 19 16-0084	MLF	3 Conductors, 350 MCM, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	41,483.28	4,201.53
26 05 19 16-0085	MLF	3 Conductors, 500 MCM, 600 Volt, Cross-linked High Heat-Resistant Water-Resistant (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	53,847.84	4,617.70

26 05 19 16-0086 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0012)

Note: Direct bury.

26 05 19 16-0087	MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	971.68
26 05 19 16-0088	MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,144.57
26 05 19 16-0089	MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,447.36
26 05 19 16-0090	MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,912.83
26 05 19 16-0091	MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,709.58
26 05 19 16-0092	MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,582.26
26 05 19 16-0093	MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,220.63
26 05 19 16-0094	MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,534.85
26 05 19 16-0095	MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,042.68
26 05 19 16-0096	MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,777.01
26 05 19 16-0097	MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,824.77
26 05 19 16-0098	MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,371.46
26 05 19 16-0099	MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,476.14
26 05 19 16-0100	MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	17,393.18
26 05 19 16-0101	MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	19,470.69
26 05 19 16-0102	MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	21,908.41
26 05 19 16-0103	MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	26,028.54
26 05 19 16-0104	MLF	600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	30,797.02
26 05 19 16-0105	MLF	750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	49,345.52
26 05 19 16-0106	MLF	#14 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	785.91
26 05 19 16-0107	MLF	#12 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	943.65
26 05 19 16-0108	MLF	#10 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,132.63
26 05 19 16-0109	MLF	#8 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,387.93
26 05 19 16-0110	MLF	#6 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,791.43
26 05 19 16-0111	MLF	#4 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,389.22

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0112	MLF	#2 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,253.86	
26 05 19 16-0113	MLF	#1 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,860.72	
26 05 19 16-0114	MLF	1/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,368.50	
26 05 19 16-0115	MLF	2/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,923.93	
26 05 19 16-0116	MLF	3/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,731.99	
26 05 19 16-0117	MLF	4/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,713.50	
26 05 19 16-0118	MLF	250 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,625.50	
26 05 19 16-0119	MLF	300 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,588.66	
26 05 19 16-0120	MLF	350 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,635.94	
26 05 19 16-0121	MLF	400 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,719.82	
26 05 19 16-0122	MLF	500 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,517.62	
26 05 19 16-0123	MLF	750 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	21,096.61	
26 05 19 16-0124	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	665.32	
26 05 19 16-0125	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	830.72	
26 05 19 16-0126	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,036.45	
26 05 19 16-0127	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,469.61	
26 05 19 16-0128	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,022.22	
26 05 19 16-0129	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,701.38	
26 05 19 16-0130	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,887.96	
26 05 19 16-0131	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,654.39	
26 05 19 16-0132	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,416.61	
26 05 19 16-0133	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,165.53	
26 05 19 16-0134	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,360.86	
26 05 19 16-0135	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,807.68	
26 05 19 16-0136	MLF	250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,377.50	
26 05 19 16-0137	MLF	300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,015.42	
26 05 19 16-0138	MLF	350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,780.15	
26 05 19 16-0139	MLF	400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	15,480.92	
26 05 19 16-0140	MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,469.09	
26 05 19 16-0141	MLF	600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	22,275.03	
26 05 19 16-0142	MLF	750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	35,633.58	
26 05 19 16-0143	MLF	#2 AWG, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,742.89	
26 05 19 16-0144	MLF	1/0 AWG, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,279.62	
26 05 19 16-0145	MLF	2/0 AWG, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,188.97	
26 05 19 16-0146	MLF	3/0 AWG, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,444.25	
26 05 19 16-0147	MLF	4/0 AWG, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,611.21	
26 05 19 16-0148	MLF	250 MCM,Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,508.43	
26 05 19 16-0149	MLF	350 MCM, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,036.88	
26 05 19 16-0150	MLF	400 MCM, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	19,615.46	
26 05 19 16-0151	MLF	500 MCM, Type Ethylene-Propylene Rubber (EPR) Insulation, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	22,406.38	

26 05 19 16-0152 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

26 05 19 16-0153 ACTHH, Solid *(26 05 19 16-0152)*

26 05 19 16-0154	MLF	1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable	2,621.40	689.72
26 05 19 16-0155	MLF	1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable	3,030.72	781.69
26 05 19 16-0156	MLF	1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable	3,503.64	827.67
26 05 19 16-0157	MLF	2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,697.61	1,149.54
26 05 19 16-0158	MLF	2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	3,931.95	1,287.26
26 05 19 16-0159	MLF	2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	5,086.88	1,426.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0160	MLF	2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	6,809.18	1,563.95
26 05 19 16-0161	MLF	3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	4,526.09	1,287.26
26 05 19 16-0162	MLF	3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,700.16	1,426.24
26 05 19 16-0163	MLF	3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	6,124.51	1,610.05
26 05 19 16-0164	MLF	3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	8,139.82	1,747.08
26 05 19 16-0165	MLF	4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	5,455.12	1,426.24
26 05 19 16-0166	MLF	4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	5,952.45	1,610.05
26 05 19 16-0167	MLF	4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	7,710.69	1,793.40
26 05 19 16-0168	MLF	4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	10,213.01	1,932.03
26 05 19 16-0169		**ACTHH, Stranded** *(26 05 19 16-0152)*		
26 05 19 16-0170	MLF	2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	7,040.17	1,656.37
26 05 19 16-0171	MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	8,660.18	1,884.45
26 05 19 16-0172	MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,370.43	1,839.27
26 05 19 16-0173	MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	10,630.98	2,067.57
26 05 19 16-0174	MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	13,630.63	2,299.09
26 05 19 16-0175	MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	15,736.44	2,526.46
26 05 19 16-0176	MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	18,109.81	2,756.72
26 05 19 16-0177	MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	10,899.03	2,206.43
26 05 19 16-0178	MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	13,327.98	2,435.42
26 05 19 16-0179	MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	17,407.53	2,667.16
26 05 19 16-0180	MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	19,092.57	2,895.58
26 05 19 16-0181	MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	22,828.50	3,123.76
26 05 19 16-0182		**HCFC, Solid** *(26 05 19 16-0152)*		
26 05 19 16-0183	MLF	2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	4,215.03	1,149.54
26 05 19 16-0184	MLF	2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	4,596.59	1,291.63
26 05 19 16-0185	MLF	2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	5,151.60	1,419.22
26 05 19 16-0186	MLF	3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	5,166.79	1,291.63
26 05 19 16-0187	MLF	3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	5,524.71	1,419.22
26 05 19 16-0188	MLF	3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	7,358.71	1,619.13
26 05 19 16-0189	MLF	4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	6,442.56	1,419.22
26 05 19 16-0190	MLF	4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	7,000.77	1,619.13
26 05 19 16-0191	MLF	4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	9,804.59	1,796.16
26 05 19 16-0192		**MC, Solid Or Stranded, Galvanized Steel Armor** *(26 05 19 16-0152)*		
26 05 19 16-0193	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,764.97	1,149.54
26 05 19 16-0194	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,198.24	1,291.63
26 05 19 16-0195	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,168.60	1,419.22
26 05 19 16-0196	MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,882.91	1,516.59
26 05 19 16-0197	MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,826.61	1,607.75
26 05 19 16-0198	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,381.55	1,291.63
26 05 19 16-0199	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,978.50	1,419.22
26 05 19 16-0200	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,495.26	1,619.13
26 05 19 16-0201	MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,768.45	1,747.08
26 05 19 16-0202	MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	10,400.08	1,884.45
26 05 19 16-0203	MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	13,153.25	2,023.89
26 05 19 16-0204	MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	18,782.54	2,160.79
26 05 19 16-0205	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,151.97	1,419.22
26 05 19 16-0206	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,908.32	1,619.13
26 05 19 16-0207	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,528.88	1,796.16
26 05 19 16-0208	MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	13,348.27	1,978.59
26 05 19 16-0209	MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	16,593.51	2,117.00
26 05 19 16-0210	MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	22,398.04	2,254.02
26 05 19 16-0211	MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	29,421.94	2,389.90
26 05 19 16-0212		**MC, Solid Or Stranded, Aluminum Armor** *(26 05 19 16-0152)*		
26 05 19 16-0213	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	3,725.52	1,149.54
26 05 19 16-0214	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,095.95	1,291.63
26 05 19 16-0215	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,078.13	1,419.22
26 05 19 16-0216	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,546.30	1,291.63
26 05 19 16-0217	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,887.62	1,419.22
26 05 19 16-0218	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	6,423.39	1,619.13
26 05 19 16-0219	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,935.19	1,419.22
26 05 19 16-0220	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	6,475.98	1,619.13
26 05 19 16-0221	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	9,528.88	1,796.16
26 05 19 16-0222		**FPLP Solid TFN Red Armored Cable** *(26 05 19 16-0152)*		
		Note: Color coded red.		
26 05 19 16-0223	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,935.83	873.65
26 05 19 16-0224	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,458.17	1,011.60
26 05 19 16-0225	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,587.53	1,149.54
26 05 19 16-0226	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,427.02	1,287.49
26 05 19 16-0227	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,469.72	1,011.60
26 05 19 16-0228	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,310.28	1,149.54
26 05 19 16-0229	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,759.93	1,287.49
26 05 19 16-0230	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,712.84	1,425.43

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0231			**FPLP Solid THHN Red Armored Cable** *(26 05 19 16-0152)*		
			Note: Color coded red.		
26 05 19 16-0232		MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,950.07	1,149.54
26 05 19 16-0233		MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,228.54	1,287.49
26 05 19 16-0234		MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,455.32	1,425.43
26 05 19 16-0235		MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,855.61	1,563.38
26 05 19 16-0236		MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,339.86	1,287.49
26 05 19 16-0237		MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,845.16	1,425.43
26 05 19 16-0238			**FPLP Twisted Shielded Pair Red Armored Cable** *(26 05 19 16-0152)*		
			Note: Color coded red.		
26 05 19 16-0239		MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,313.89	873.65
26 05 19 16-0240		MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	6,978.36	1,287.49
26 05 19 16-0241		MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,342.42	1,011.60
26 05 19 16-0242		MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,337.35	1,149.54
26 05 19 16-0243		MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,914.25	1,425.43
26 05 19 16-0244		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,251.72	1,195.52
26 05 19 16-0245		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	7,780.62	1,379.45
26 05 19 16-0246			**Armored Cable Connectors** *(26 05 19 16-0152)*		
26 05 19 16-0247		EA	3/4" Armored Cable Connector	7.09	2.52
			For Work In Restricted Working Space, Add	*1.89*	
			For Elevated Installation >10' To 15', Add	*0.63*	
			For Elevated Installation >15' To 20', Add	*1.26*	
			For Elevated Installation >20' To 25', Add	*1.58*	
			For Elevated Installation >25' To 30', Add	*2.21*	
			For Elevated Installation >30' To 35', Add	*2.52*	
			For Elevated Installation >35' To 40', Add	*3.16*	
			For Elevated Installation >40', Add	*3.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 19 16-0248		EA	1" Armored Cable Connector	9.46	3.36
			For Work In Restricted Working Space, Add	*2.52*	
			For Elevated Installation >10' To 15', Add	*0.84*	
			For Elevated Installation >15' To 20', Add	*1.68*	
			For Elevated Installation >20' To 25', Add	*2.10*	
			For Elevated Installation >25' To 30', Add	*2.94*	
			For Elevated Installation >30' To 35', Add	*3.36*	
			For Elevated Installation >35' To 40', Add	*4.20*	
			For Elevated Installation >40', Add	*4.62*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.52*	
26 05 19 16-0249		EA	1-1/4" Armored Cable Connector	11.89	4.20
			For Work In Restricted Working Space, Add	*3.15*	
			For Elevated Installation >10' To 15', Add	*1.05*	
			For Elevated Installation >15' To 20', Add	*2.10*	
			For Elevated Installation >20' To 25', Add	*2.63*	
			For Elevated Installation >25' To 30', Add	*3.68*	
			For Elevated Installation >30' To 35', Add	*4.20*	
			For Elevated Installation >35' To 40', Add	*5.25*	
			For Elevated Installation >40', Add	*5.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 19 16-0250			**600 Volt, Feeder Wire, Single Stranded Copper** *(26 05 19 16-0012)*		
26 05 19 16-0251		MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	893.33	168.38
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*39.47*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*92.09*	
26 05 19 16-0252		MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,003.48	186.44
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*40.23*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*93.87*	
26 05 19 16-0253		MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,231.88	233.08
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*58.74*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*137.05*	
26 05 19 16-0254		MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,694.13	370.79
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*96.56*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*225.31*	
26 05 19 16-0255		MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,342.21	444.95
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*162.26*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*378.61*	
26 05 19 16-0256		MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,212.13	516.57
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*245.48*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*572.79*	
26 05 19 16-0257		MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,666.45	591.26
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*282.12*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*658.28*	
26 05 19 16-0258		MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,653.70	665.94
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*398.70*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*930.29*	
26 05 19 16-0259		MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,797.16	741.68
			For Ethylene-Propylene Rubber (EPR) Insulation, Add	*538.70*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,256.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0260	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,006.27	836.73
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*672.80*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,569.88*	
26 05 19 16-0261	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,474.23	927.91
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*845.73*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,973.37*	
26 05 19 16-0262	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,196.76	1,035.89
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*1,056.84*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,465.96*	
26 05 19 16-0263	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,512.33	1,151.75
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*1,206.91*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,816.12*	
26 05 19 16-0264	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,248.92	1,263.19
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*1,270.13*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,963.64*	
26 05 19 16-0265	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,497.49	1,388.61
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*1,560.15*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,640.35*	
26 05 19 16-0266	MLF	350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,191.20	1,472.11
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*1,766.94*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*4,122.86*	
26 05 19 16-0267	MLF	400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,166.63	1,645.32
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*2,015.99*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*4,703.97*	
26 05 19 16-0268	MLF	500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	20,801.44	1,829.87
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*2,363.94*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,515.86*	
26 05 19 16-0269	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	24,408.04	1,903.82
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*2,841.91*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*6,631.11*	
26 05 19 16-0270	MLF	750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	39,925.88	1,977.66
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*5,075.05*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*11,841.78*	
26 05 19 16-0271	MLF	1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	50,410.34	2,113.16
		For Ethylene-Propylene Rubber (EPR) Insulation, Add	*6,584.70*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*15,364.29*	
26 05 19 16-0272	MLF	#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,573.74	377.93
26 05 19 16-0273	MLF	#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,983.78	420.16
26 05 19 16-0274	MLF	#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,496.80	504.61
26 05 19 16-0275	MLF	#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,962.98	588.00
26 05 19 16-0276	MLF	#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,488.37	629.60
26 05 19 16-0277	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	500.15	210.07
26 05 19 16-0278	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	623.64	231.09
26 05 19 16-0279	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	658.65	168.48
26 05 19 16-0280	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	821.17	200.84
26 05 19 16-0281	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,022.13	252.61
26 05 19 16-0282	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,444.64	332.97
26 05 19 16-0283	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,980.95	402.08
26 05 19 16-0284	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,637.77	475.19
26 05 19 16-0285	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,159.38	537.90
26 05 19 16-0286	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,787.85	602.40
26 05 19 16-0287	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,527.78	679.81
26 05 19 16-0288	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,268.71	744.41
26 05 19 16-0289	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,991.97	822.66
26 05 19 16-0290	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,140.39	870.13
26 05 19 16-0291	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,533.33	978.96
26 05 19 16-0292	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,043.39	1,041.45
26 05 19 16-0293	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,618.32	1,179.48
26 05 19 16-0294	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,314.04	1,305.31
26 05 19 16-0295	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	14,948.82	1,341.03
26 05 19 16-0296	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	17,809.69	1,418.75
26 05 19 16-0297	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	22,169.99	1,669.59
26 05 19 16-0298	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	34,206.82	1,977.66
26 05 19 16-0299	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	41,016.51	2,387.73
26 05 19 16-0300	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,830.57	504.61
26 05 19 16-0301	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,134.61	588.00
26 05 19 16-0302	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,636.07	672.77
26 05 19 16-0303	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,773.00	755.96
26 05 19 16-0304	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,415.45	840.30
26 05 19 16-0305	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,966.66	923.50

26 05 19 16-0306 600 Volt, Single Stranded Copper, Low Smoke Zero Halogen *(26 05 19 16-0012)*

26 05 19 16-0307	MLF	#14 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	689.18	168.48
26 05 19 16-0308	MLF	#12 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	885.37	200.84
26 05 19 16-0309	MLF	#10 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	1,207.50	252.61
26 05 19 16-0310	MLF	#8 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	1,834.84	332.97
26 05 19 16-0311	MLF	#6 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	2,662.42	402.08
26 05 19 16-0312	MLF	#4 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	3,485.05	475.19
26 05 19 16-0313	MLF	#3 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	4,204.14	537.90
26 05 19 16-0314	MLF	#2 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	5,120.91	602.40
26 05 19 16-0315	MLF	#1 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	5,878.00	679.81
26 05 19 16-0316	MLF	1/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	6,742.23	744.41
26 05 19 16-0317	MLF	2/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	7,784.60	822.66
26 05 19 16-0318	MLF	3/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	9,451.87	870.13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0319	MLF	4/0 AWG, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	11,502.44	978.96
26 05 19 16-0320	MLF	250 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	13,107.40	1,041.45
26 05 19 16-0321	MLF	300 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	15,432.79	1,179.48
26 05 19 16-0322	MLF	350 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	17,917.49	1,305.31
26 05 19 16-0323	MLF	400 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	19,636.14	1,341.03
26 05 19 16-0324	MLF	500 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	23,725.68	1,418.75
26 05 19 16-0325	MLF	600 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	28,371.33	1,669.59
26 05 19 16-0326	MLF	750 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	37,000.11	1,977.66
26 05 19 16-0327	MLF	1,000 MCM, Low Smoke Zero Halogen (LSZH), 600 Volt, Single Stranded Copper Cable, Installed In Conduit	48,204.61	2,387.73

26 05 19 16-0328 600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0012)*

26 05 19 16-0329	MLF	#6 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,258.71	339.31
26 05 19 16-0330	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,492.29	394.55
26 05 19 16-0331	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,952.83	506.46
26 05 19 16-0332	MLF	#1 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,419.54	565.56
26 05 19 16-0333	MLF	1/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,799.89	637.18
26 05 19 16-0334	MLF	2/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,184.41	703.27
26 05 19 16-0335	MLF	3/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,756.00	793.68
26 05 19 16-0336	MLF	4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,157.91	875.64
26 05 19 16-0337	MLF	250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,810.07	962.61
26 05 19 16-0338	MLF	300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,936.96	1,046.83
26 05 19 16-0339	MLF	350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,202.38	1,131.02
26 05 19 16-0340	MLF	400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,090.65	1,258.00
26 05 19 16-0341	MLF	500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,814.44	1,384.93
26 05 19 16-0342	MLF	600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,547.34	1,613.29
26 05 19 16-0343	MLF	700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,787.17	1,768.61
26 05 19 16-0344	MLF	750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,015.86	1,834.18
26 05 19 16-0345	MLF	1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,136.19	2,224.97
26 05 19 16-0346	MLF	#8 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,415.10	372.99
26 05 19 16-0347	MLF	#6 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,591.16	420.16
26 05 19 16-0348	MLF	#4 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,958.76	516.90
26 05 19 16-0349	MLF	#2 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,488.89	633.59
26 05 19 16-0350	MLF	#1 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,189.81	745.88
26 05 19 16-0351	MLF	1/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,691.82	840.63
26 05 19 16-0352	MLF	2/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,213.45	933.69
26 05 19 16-0353	MLF	3/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,881.09	1,018.66
26 05 19 16-0354	MLF	4/0 AWG, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,304.33	1,084.10
26 05 19 16-0355	MLF	250 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,066.70	1,159.94
26 05 19 16-0356	MLF	300 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,482.07	1,243.13
26 05 19 16-0357	MLF	350 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,803.74	1,342.91
26 05 19 16-0358	MLF	400 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,859.82	1,464.44
26 05 19 16-0359	MLF	500 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,935.74	1,680.61
26 05 19 16-0360	MLF	600 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,687.12	1,768.63
26 05 19 16-0361	MLF	700 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,048.84	1,864.64
26 05 19 16-0362	MLF	750 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,427.05	1,981.65
26 05 19 16-0363	MLF	1,000 MCM, Cross-linked High Heat-Resistant Water-Resistant (XHHW), 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	19,557.12	2,777.21
26 05 19 16-0364	MLF	#6 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,412.44	420.16
26 05 19 16-0365	MLF	#4 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,757.35	516.79
26 05 19 16-0366	MLF	#2 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,186.12	634.43
26 05 19 16-0367	MLF	#1 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,712.70	741.68
26 05 19 16-0368	MLF	1/0 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,064.19	836.73
26 05 19 16-0369	MLF	2/0 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,457.72	927.91
26 05 19 16-0370	MLF	3/0 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,974.28	1,018.66
26 05 19 16-0371	MLF	4/0 AWG, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,324.06	1,084.10
26 05 19 16-0372	MLF	250 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,863.52	1,159.21
26 05 19 16-0373	MLF	300 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,801.36	1,244.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0374	MLF	350 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,154.86	1,344.70
26 05 19 16-0375	MLF	400 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,797.60	1,461.08
26 05 19 16-0376	MLF	500 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,822.16	1,680.61
26 05 19 16-0377	MLF	600 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,857.92	1,763.90
26 05 19 16-0378	MLF	700 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,771.96	1,864.64
26 05 19 16-0379	MLF	750 MCM, Underground Service Entrance (USE), Cross-Linked Polyethylene (XLPE) Insulation, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,173.64	1,975.66

26 05 19 16-0380 Non-Metallic Sheathed Cable *(26 05 19 16-0012)*

26 05 19 16-0381 Indoor Installation *(26 05 19 16-0380)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0382	MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,169.26	798.19
		For Installation In Wood Stud Wall (Includes Drilling), Add	*299.31*	
26 05 19 16-0383	MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,025.30	966.35
		For Installation In Wood Stud Wall (Includes Drilling), Add	*362.40*	
26 05 19 16-0384	MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,426.46	1,069.29
		For Installation In Wood Stud Wall (Includes Drilling), Add	*400.98*	
26 05 19 16-0385	MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,179.56	907.53
		For Installation In Wood Stud Wall (Includes Drilling), Add	*322.99*	
26 05 19 16-0386	MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,349.65	1,008.16
		For Installation In Wood Stud Wall (Includes Drilling), Add	*378.07*	
26 05 19 16-0387	MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	8,737.10	1,126.01
		For Installation In Wood Stud Wall (Includes Drilling), Add	*422.25*	
26 05 19 16-0388	MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,317.43	1,008.68
		For Installation In Wood Stud Wall (Includes Drilling), Add	*378.27*	
26 05 19 16-0389	MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,041.59	1,176.64
		For Installation In Wood Stud Wall (Includes Drilling), Add	*441.24*	
26 05 19 16-0390	MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	10,863.62	1,344.49
		For Installation In Wood Stud Wall (Includes Drilling), Add	*504.18*	
26 05 19 16-0391	MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	11,092.11	1,207.94
		For Installation In Wood Stud Wall (Includes Drilling), Add	*430.13*	
26 05 19 16-0392	MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	14,281.09	1,460.03
		For Installation In Wood Stud Wall (Includes Drilling), Add	*519.94*	
26 05 19 16-0393	MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	14,831.54	1,376.01
		For Installation In Wood Stud Wall (Includes Drilling), Add	*488.43*	
26 05 19 16-0394	MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	20,041.84	1,659.61
		For Installation In Wood Stud Wall (Includes Drilling), Add	*590.84*	
26 05 19 16-0395	MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	49,119.51	1,827.67
		For Installation In Wood Stud Wall (Includes Drilling), Add	*649.92*	
26 05 19 16-0396	MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	57,495.90	1,985.22
		For Installation In Wood Stud Wall (Includes Drilling), Add	*709.01*	

26 05 19 16-0397 Direct Burial Cable *(26 05 19 16-0380)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0398	MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,350.38	
26 05 19 16-0399	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,053.76	
26 05 19 16-0400	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,974.78	
26 05 19 16-0401	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,776.35	
26 05 19 16-0402	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,216.00	
26 05 19 16-0403	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,560.57	
26 05 19 16-0404	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,876.98	
26 05 19 16-0405	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,217.06	
26 05 19 16-0406	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,121.38	
26 05 19 16-0407	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	8,004.03	

26 05 19 16-0408 SEU Cable Copper, 3 Conductor *(26 05 19 16-0380)*

26 05 19 16-0409	MLF	12-12-12 Cable SEU Copper	3,123.17	1,011.94
26 05 19 16-0410	MLF	10-10-10 Cable SEU Copper	3,934.60	1,149.54
26 05 19 16-0411	MLF	8-8-8 Cable SEU Copper	4,913.70	1,287.26
26 05 19 16-0412	MLF	6-6-8 Cable SEU Copper	5,956.29	1,380.02
26 05 19 16-0413	MLF	6-6-6 Cable SEU Copper	6,414.79	1,426.24
26 05 19 16-0414	MLF	4-4-6 Cable SEU Copper	7,842.43	1,563.95
26 05 19 16-0415	MLF	4-4-4 Cable SEU Copper	8,460.14	1,610.05
26 05 19 16-0416	MLF	3-3-5 Cable SEU Copper	9,867.33	1,747.08
26 05 19 16-0417	MLF	3-3-3 Cable SEU Copper	10,482.99	1,839.27
26 05 19 16-0418	MLF	2-2-4 Cable SEU Copper	11,203.09	1,932.03
26 05 19 16-0419	MLF	2-2-2 Cable SEU Copper	11,983.33	2,023.89
26 05 19 16-0420	MLF	1-1-1 Cable SEU Copper	14,692.64	2,299.09
26 05 19 16-0421	MLF	1/0-1/0-1/0 Cable SEU Copper	17,507.35	2,577.50
26 05 19 16-0422	MLF	2/0-2/0-2/0 Cable SEU Copper	21,110.26	2,902.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0423	MLF	3/0-3/0-3/0 Cable SEU Copper	25,435.07	3,229.06
26 05 19 16-0424	MLF	4/0-4/0-4/0 Cable SEU Copper	28,425.80	3,603.59
26 05 19 16-0425		**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0380)*		
26 05 19 16-0426	MLF	8-8-8 Cable SEU Aluminum	4,161.52	1,291.63
26 05 19 16-0427	MLF	6-6-6 Cable SEU Aluminum	4,746.84	1,419.22
26 05 19 16-0428	MLF	4-4-6 Cable SEU Aluminum	5,333.09	1,553.49
26 05 19 16-0429	MLF	4-4-4 Cable SEU Aluminum	5,584.76	1,619.13
26 05 19 16-0430	MLF	2-2-4 Cable SEU Aluminum	6,683.16	1,915.94
26 05 19 16-0431	MLF	2-2-2 Cable SEU Aluminum	7,095.32	2,016.76
26 05 19 16-0432	MLF	1-1-1 Cable SEU Aluminum	8,530.46	2,299.09
26 05 19 16-0433	MLF	1/0-1/0-2 Cable SEU Aluminum	9,030.78	2,420.13
26 05 19 16-0434	MLF	1/0-1/0-1/0 Cable SEU Aluminum	11,000.26	2,554.51
26 05 19 16-0435	MLF	2/0-2/0-1 Cable SEU Aluminum	10,196.00	2,737.06
26 05 19 16-0436	MLF	2/0-2/0-2/0 Cable SEU Aluminum	10,772.16	2,873.86
26 05 19 16-0437	MLF	3/0-3/0-1/0 Cable SEU Aluminum	11,742.31	3,009.27
26 05 19 16-0438	MLF	3/0-3/0-3/0 Cable SEU Aluminum	12,563.97	3,193.19
26 05 19 16-0439	MLF	4/0-4/0-2/0 Cable SEU Aluminum	13,259.56	3,452.08
26 05 19 16-0440	MLF	4/0-4/0-4/0 Cable SEU Aluminum	14,007.27	3,592.32
26 05 19 16-0441		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0380)*		
26 05 19 16-0442	MLF	6-6-6-6 Cable SER Copper	10,155.16	1,656.37
26 05 19 16-0443	MLF	4-4-4-6 Cable SER Copper	11,139.74	1,793.40
26 05 19 16-0444	MLF	3-3-3-5 Cable SER Copper	13,839.61	2,023.89
26 05 19 16-0445	MLF	2-2-2-4 Cable SER Copper	15,863.23	2,206.43
26 05 19 16-0446	MLF	1-1-1-3 Cable SER Copper	18,497.10	2,526.46
26 05 19 16-0447	MLF	1/0-1/0-1/0-2 Cable SER Copper	22,560.44	2,895.58
26 05 19 16-0448	MLF	2/0-2/0-2/0-1 Cable SER Copper	28,354.49	3,123.76
26 05 19 16-0449	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	32,770.88	3,494.04
26 05 19 16-0450		**SER Cable Aluminum, 4 Conductor** *(26 05 19 16-0380)*		
26 05 19 16-0451	MLF	8-8-8-8 Cable SER Aluminum	4,830.24	1,546.01
26 05 19 16-0452	MLF	6-6-6-6 Cable SER Aluminum	5,247.16	1,656.37
26 05 19 16-0453	MLF	4-4-4-6 Cable SER Aluminum	5,834.02	1,793.40
26 05 19 16-0454	MLF	2-2-2-4 Cable SER Aluminum	7,314.82	2,206.43
26 05 19 16-0455	MLF	1-1-1-3 Cable SER Aluminum	8,722.13	2,526.46
26 05 19 16-0456	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	9,880.48	2,895.58
26 05 19 16-0457	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	10,979.65	3,123.76
26 05 19 16-0458	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	12,459.68	3,494.04
26 05 19 16-0459	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	14,100.76	3,893.38
26 05 19 16-0460		**Control Tray Cable, Low Voltage** *(26 05 19 16-0011)* Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0461	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,077.64	509.54
		For Work In Restricted Working Space, Add	*254.77*	
26 05 19 16-0462	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,243.64	569.98
		For Work In Restricted Working Space, Add	*284.99*	
26 05 19 16-0463	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,303.47	569.94
		For Work In Restricted Working Space, Add	*284.99*	
26 05 19 16-0464	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,631.95	714.87
		For Work In Restricted Working Space, Add	*357.43*	
26 05 19 16-0465	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	2,055.55	871.14
		For Work In Restricted Working Space, Add	*435.57*	
26 05 19 16-0466	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,347.08	957.95
		For Work In Restricted Working Space, Add	*478.97*	
26 05 19 16-0467	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	2,793.03	1,088.47
		For Work In Restricted Working Space, Add	*544.24*	
26 05 19 16-0468	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,533.45	1,330.41
		For Work In Restricted Working Space, Add	*665.21*	
26 05 19 16-0469	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	4,039.68	1,451.42
		For Work In Restricted Working Space, Add	*725.71*	
26 05 19 16-0470	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	4,789.66	1,496.79
		For Work In Restricted Working Space, Add	*748.40*	
26 05 19 16-0471	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	5,873.76	1,869.89
		For Work In Restricted Working Space, Add	*934.95*	
26 05 19 16-0472	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	7,046.65	2,185.33
		For Work In Restricted Working Space, Add	*1,092.66*	
26 05 19 16-0473	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,179.40	536.75
		For Work In Restricted Working Space, Add	*268.16*	
26 05 19 16-0474	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,367.06	599.98
		For Work In Restricted Working Space, Add	*299.99*	
26 05 19 16-0475	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,593.09	690.73
		For Work In Restricted Working Space, Add	*345.37*	
26 05 19 16-0476	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,804.80	752.49
		For Work In Restricted Working Space, Add	*376.25*	
26 05 19 16-0477	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	2,282.89	916.98
		For Work In Restricted Working Space, Add	*458.49*	
26 05 19 16-0478	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,618.73	1,008.37
		For Work In Restricted Working Space, Add	*504.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0479	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	3,133.24	1,145.76
		For Work In Restricted Working Space, Add	*572.88*	
26 05 19 16-0480	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,979.07	1,400.37
		For Work In Restricted Working Space, Add	*700.19*	
26 05 19 16-0481	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	4,571.93	1,527.68
		For Work In Restricted Working Space, Add	*763.84*	
26 05 19 16-0482	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	5,494.72	1,575.58
		For Work In Restricted Working Space, Add	*787.79*	
26 05 19 16-0483	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	6,726.93	1,968.20
		For Work In Restricted Working Space, Add	*984.10*	
26 05 19 16-0484	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	8,089.45	2,300.34
		For Work In Restricted Working Space, Add	*1,150.17*	
26 05 19 16-0485	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,280.49	560.27
		For Work In Restricted Working Space, Add	*280.14*	
26 05 19 16-0486	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,533.04	630.23
		For Work In Restricted Working Space, Add	*315.11*	
26 05 19 16-0487	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,798.81	720.35
		For Work In Restricted Working Space, Add	*360.18*	
26 05 19 16-0488	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	2,027.20	775.82
		For Work In Restricted Working Space, Add	*387.91*	
26 05 19 16-0489	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,706.70	951.02
		For Work In Restricted Working Space, Add	*475.51*	
26 05 19 16-0490	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	3,124.19	1,050.38
		For Work In Restricted Working Space, Add	*525.30*	
26 05 19 16-0491	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,843.56	1,172.23
		For Work In Restricted Working Space, Add	*586.12*	
26 05 19 16-0492	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	4,590.89	1,400.16
		For Work In Restricted Working Space, Add	*700.19*	
26 05 19 16-0493	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	7,823.14	1,627.04
		For Work In Restricted Working Space, Add	*813.31*	
26 05 19 16-0494	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	6,896.41	1,902.24
		For Work In Restricted Working Space, Add	*951.33*	
26 05 19 16-0495	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	8,023.50	2,125.77
		For Work In Restricted Working Space, Add	*1,062.88*	
26 05 19 16-0496	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	9,672.82	2,484.37
		For Work In Restricted Working Space, Add	*1,242.18*	
26 05 19 16-0497	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,496.22	599.98
		For Work In Restricted Working Space, Add	*299.99*	
26 05 19 16-0498	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,792.65	663.85
		For Work In Restricted Working Space, Add	*331.82*	
26 05 19 16-0499	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	2,183.99	763.84
		For Work In Restricted Working Space, Add	*381.92*	
26 05 19 16-0500	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,476.66	813.00
		For Work In Restricted Working Space, Add	*406.50*	
26 05 19 16-0501	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	3,274.20	969.29
		For Work In Restricted Working Space, Add	*484.65*	
26 05 19 16-0502	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	4,044.17	1,145.76
		For Work In Restricted Working Space, Add	*572.88*	
26 05 19 16-0503	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	4,927.91	1,292.60
		For Work In Restricted Working Space, Add	*646.30*	
26 05 19 16-0504	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	5,870.56	1,482.94
		For Work In Restricted Working Space, Add	*741.47*	
26 05 19 16-0505	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	6,948.15	1,680.82
		For Work In Restricted Working Space, Add	*840.41*	
26 05 19 16-0506	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	8,916.39	1,964.43
		For Work In Restricted Working Space, Add	*982.22*	
26 05 19 16-0507	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	10,323.36	2,295.93
		For Work In Restricted Working Space, Add	*1,147.97*	
26 05 19 16-0508	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	12,494.24	2,683.52
		For Work In Restricted Working Space, Add	*1,341.76*	
26 05 19 16-0509	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,791.36	630.23
		For Work In Restricted Working Space, Add	*315.11*	
26 05 19 16-0510	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	2,245.70	691.16
		For Work In Restricted Working Space, Add	*345.37*	
26 05 19 16-0511	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,740.56	787.78
		For Work In Restricted Working Space, Add	*393.89*	
26 05 19 16-0512	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	3,191.80	854.59
		For Work In Restricted Working Space, Add	*427.30*	
26 05 19 16-0513	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	4,330.20	1,072.65
		For Work In Restricted Working Space, Add	*536.33*	
26 05 19 16-0514	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	5,141.66	1,200.59
		For Work In Restricted Working Space, Add	*600.29*	
26 05 19 16-0515	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	5,991.27	1,400.37
		For Work In Restricted Working Space, Add	*700.19*	
26 05 19 16-0516	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	7,087.72	1,601.41
		For Work In Restricted Working Space, Add	*800.71*	
26 05 19 16-0517	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	8,415.91	1,815.06
		For Work In Restricted Working Space, Add	*907.53*	
26 05 19 16-0518	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	10,870.63	2,121.35
		For Work In Restricted Working Space, Add	*1,060.68*	
26 05 19 16-0519	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	12,578.07	2,479.33
		For Work In Restricted Working Space, Add	*1,239.66*	
26 05 19 16-0520	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	15,258.93	2,898.43
		For Work In Restricted Working Space, Add	*1,449.21*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0521		ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)* Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0522		ACSR Cable *(26 05 19 16-0521)*		
26 05 19 16-0523	MLF	#4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,755.11	525.90
26 05 19 16-0524	MLF	#4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	1,883.52	546.07
26 05 19 16-0525	MLF	#2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,069.07	567.09
26 05 19 16-0526	MLF	#2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,197.73	587.63
26 05 19 16-0527	MLF	1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,518.65	607.56
26 05 19 16-0528	MLF	2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,963.28	688.72
26 05 19 16-0529	MLF	3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,470.10	768.07
26 05 19 16-0530	MLF	4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	4,043.32	848.52
26 05 19 16-0531	MLF	336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial)	4,591.82	1,090.44
26 05 19 16-0532	MLF	477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	5,207.41	1,250.84
26 05 19 16-0533		All Aluminum Conductors *(26 05 19 16-0521)*		
26 05 19 16-0534	MLF	795.0 ACSR Conductor Aluminum	35,017.10	10,311.26
26 05 19 16-0535		Single Conductor Installed On Poles *(26 05 19 16-0011)*		
26 05 19 16-0536		Bare Stranded Conductor *(26 05 19 16-0535)*		
26 05 19 16-0537	MLF	#12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,331.23	445.58
26 05 19 16-0538	MLF	#10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,559.27	485.68
26 05 19 16-0539	MLF	#8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,788.59	526.27
26 05 19 16-0540	MLF	#6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,190.20	567.09
26 05 19 16-0541	MLF	#4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,662.01	608.05
26 05 19 16-0542	MLF	#2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	3,810.72	729.31
26 05 19 16-0543	MLF	#1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,378.74	810.11
26 05 19 16-0544	MLF	1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,996.41	889.46
26 05 19 16-0545	MLF	2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	6,698.97	1,054.96
26 05 19 16-0546	MLF	3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	8,128.27	1,212.92
26 05 19 16-0547	MLF	4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	8,725.24	1,374.66
26 05 19 16-0548	MLF	250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	11,042.87	1,620.11
26 05 19 16-0549	MLF	300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	11,296.74	1,705.41
26 05 19 16-0550	MLF	350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	14,099.61	1,785.97
26 05 19 16-0551	MLF	400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	15,579.92	1,859.24
26 05 19 16-0552	MLF	500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	18,160.11	1,938.58
26 05 19 16-0553		Insulated Stranded Conductor *(26 05 19 16-0535)*		
26 05 19 16-0554	MLF	#12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,438.83	445.58
26 05 19 16-0555	MLF	#10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,698.11	485.68
26 05 19 16-0556	MLF	#8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,062.67	526.27
26 05 19 16-0557	MLF	#6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,242.08	567.09
26 05 19 16-0558	MLF	#4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,741.16	608.05
26 05 19 16-0559	MLF	#2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	3,696.41	729.31
26 05 19 16-0560	MLF	#1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	4,367.33	810.11
26 05 19 16-0561	MLF	1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	5,155.57	889.46
26 05 19 16-0562	MLF	2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	6,210.20	1,054.96
26 05 19 16-0563	MLF	3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	7,446.98	1,212.92
26 05 19 16-0564	MLF	4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	8,778.39	1,374.66
26 05 19 16-0565	MLF	250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	10,717.68	1,620.11
26 05 19 16-0566	MLF	300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	12,157.51	1,705.41
26 05 19 16-0567	MLF	350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	13,331.77	1,785.97
26 05 19 16-0568	MLF	400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	14,943.28	1,859.24
26 05 19 16-0569	MLF	500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	16,806.00	1,938.58
26 05 19 16-0570		Bare Solid Conductor *(26 05 19 16-0535)*		
26 05 19 16-0571	MLF	#12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,331.23	445.58
26 05 19 16-0572	MLF	#8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,788.59	526.27
26 05 19 16-0573	MLF	#6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,190.20	567.09
26 05 19 16-0574	MLF	#4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,629.30	608.05
26 05 19 16-0575		Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*		
26 05 19 16-0576		Multi-Conductor Cords *(26 05 19 16-0575)* Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0577		Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0576)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0578		300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0577)*		
26 05 19 16-0579		#18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0578)*		
26 05 19 16-0580	LF	2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.04	0.46
26 05 19 16-0581	LF	3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.08	0.46
26 05 19 16-0582	LF	4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.18	0.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0583		#16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0578)*		
26 05 19 16-0584	LF	2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.21	0.46
26 05 19 16-0585	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.27	0.46
26 05 19 16-0586	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.35	0.46
26 05 19 16-0587		#14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0578)*		
26 05 19 16-0588	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.32	0.46
26 05 19 16-0589	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.42	0.46
26 05 19 16-0590	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.60	0.46
26 05 19 16-0591		#12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0578)*		
26 05 19 16-0592	LF	2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.48	0.46
26 05 19 16-0593	LF	3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.59	0.46
26 05 19 16-0594	LF	4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.75	0.46
26 05 19 16-0595		#10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0578)*		
26 05 19 16-0596	LF	2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.86	0.57
26 05 19 16-0597	LF	3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.94	0.57
26 05 19 16-0598	LF	4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.06	0.57
26 05 19 16-0599		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)*		
26 05 19 16-0600		#18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0601	LF	2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.08	0.46
26 05 19 16-0602	LF	3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.15	0.46
26 05 19 16-0603	LF	4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.24	0.46
26 05 19 16-0604	LF	5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.02	0.62
26 05 19 16-0605	LF	6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.18	0.64
26 05 19 16-0606	LF	7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.31	0.65
26 05 19 16-0607	LF	8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.51	0.67
26 05 19 16-0608	LF	10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.84	0.70
26 05 19 16-0609	LF	12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.20	0.72
26 05 19 16-0610	LF	14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.11	0.74
26 05 19 16-0611	LF	16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.19	0.76
26 05 19 16-0612	LF	18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.30	0.77
26 05 19 16-0613	LF	20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.75	0.79
26 05 19 16-0614	LF	24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.89	0.81
26 05 19 16-0615	LF	30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.15	0.86
26 05 19 16-0616		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0617	LF	2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.27	0.46
26 05 19 16-0618	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.33	0.46
26 05 19 16-0619	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.44	0.46
26 05 19 16-0620	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.09	0.62
26 05 19 16-0621	LF	6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.28	0.64
26 05 19 16-0622	LF	7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.47	0.65
26 05 19 16-0623	LF	8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.71	0.67
26 05 19 16-0624	LF	9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.82	0.69
26 05 19 16-0625	LF	10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.09	0.70
26 05 19 16-0626	LF	12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.56	0.72
26 05 19 16-0627	LF	14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.80	0.74
26 05 19 16-0628	LF	16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.25	0.76
26 05 19 16-0629	LF	18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.86	0.77
26 05 19 16-0630	LF	20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.41	0.79
26 05 19 16-0631	LF	24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.46	0.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0632	LF	26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.06	0.82
26 05 19 16-0633	LF	30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.17	0.86
26 05 19 16-0634		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0635	LF	2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.43	0.46
26 05 19 16-0636	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.50	0.46
26 05 19 16-0637	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.67	0.46
26 05 19 16-0638	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.62	0.62
26 05 19 16-0639	LF	6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.08	0.64
26 05 19 16-0640	LF	7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.25	0.65
26 05 19 16-0641	LF	8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.62	0.67
26 05 19 16-0642	LF	9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.88	0.69
26 05 19 16-0643	LF	10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.29	0.70
26 05 19 16-0644	LF	12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.69	0.72
26 05 19 16-0645	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.15	0.74
26 05 19 16-0646	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.12	0.76
26 05 19 16-0647	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.84	0.79
26 05 19 16-0648	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.00	0.81
26 05 19 16-0649	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.41	0.86
26 05 19 16-0650		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0651	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.60	0.46
26 05 19 16-0652	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.73	0.46
26 05 19 16-0653	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.85	0.46
26 05 19 16-0654	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.95	0.62
26 05 19 16-0655	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.38	0.64
26 05 19 16-0656	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.82	0.65
26 05 19 16-0657	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.29	0.67
26 05 19 16-0658	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.63	0.69
26 05 19 16-0659	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.20	0.70
26 05 19 16-0660	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.88	0.72
26 05 19 16-0661	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.51	0.74
26 05 19 16-0662	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.14	0.76
26 05 19 16-0663	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.45	0.77
26 05 19 16-0664	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.54	0.79
26 05 19 16-0665	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.65	0.81
26 05 19 16-0666	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.76	0.82
26 05 19 16-0667	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.12	0.84
26 05 19 16-0668	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.52	0.86
26 05 19 16-0669		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0670	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.83	0.57
26 05 19 16-0671	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.94	0.57
26 05 19 16-0672	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.05	0.57
26 05 19 16-0673	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.60	0.62
26 05 19 16-0674	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.06	0.64
26 05 19 16-0675	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.72	0.65
26 05 19 16-0676	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.01	0.70
26 05 19 16-0677	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.84	0.72
26 05 19 16-0678	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.64	0.76
26 05 19 16-0679	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.41	0.79
26 05 19 16-0680		#8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0681	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	3.48	0.69
26 05 19 16-0682	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	3.76	0.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0683	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.98	0.80
26 05 19 16-0684		#6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0685	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.83	0.80
26 05 19 16-0686	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.81	0.92
26 05 19 16-0687	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.96	1.15
26 05 19 16-0688		#4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0689	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.59	1.15
26 05 19 16-0690	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.30	1.26
26 05 19 16-0691	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	9.95	1.37
26 05 19 16-0692		#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0599)*		
26 05 19 16-0693	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	11.78	2.30
26 05 19 16-0694	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	14.96	2.87
26 05 19 16-0695	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	18.34	3.79
26 05 19 16-0696		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0577)*		
26 05 19 16-0697		#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0696)*		
26 05 19 16-0698	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.36	0.46
26 05 19 16-0699	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.46	0.46
26 05 19 16-0700	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.67	0.46
26 05 19 16-0701		#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0696)*		
26 05 19 16-0702	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.42	0.46
26 05 19 16-0703	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.59	0.46
26 05 19 16-0704	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.67	0.46
26 05 19 16-0705		#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0696)*		
26 05 19 16-0706	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.84	0.46
26 05 19 16-0707	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.53	0.46
26 05 19 16-0708	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.18	0.57
26 05 19 16-0709		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0577)*		
26 05 19 16-0710		#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0709)*		
26 05 19 16-0711	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.79	0.46
26 05 19 16-0712	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.08	0.46
26 05 19 16-0713	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.38	0.46
26 05 19 16-0714		#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0709)*		
26 05 19 16-0715	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.89	0.46
26 05 19 16-0716	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.19	0.46
26 05 19 16-0717	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.65	0.46
26 05 19 16-0718	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.88	0.57
26 05 19 16-0719		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0709)*		
26 05 19 16-0720	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.26	0.46
26 05 19 16-0721	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.64	0.46

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0722	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.94	0.57
26 05 19 16-0723		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0709)*		
26 05 19 16-0724	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.61	0.46
26 05 19 16-0725	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.95	0.46
26 05 19 16-0726	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.29	0.57
26 05 19 16-0727		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0709)*		
26 05 19 16-0728	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.98	0.57
26 05 19 16-0729	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.28	0.57
26 05 19 16-0730	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.60	0.57
26 05 19 16-0731		Multi-Conductor Type SEOW Cord *(26 05 19 16-0576)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0732		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0731)*		
26 05 19 16-0733		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0732)*		
26 05 19 16-0734	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.43	0.46
26 05 19 16-0735	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.55	0.46
26 05 19 16-0736	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.22	0.57
26 05 19 16-0737		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0732)*		
26 05 19 16-0738	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.78	0.46
26 05 19 16-0739	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.00	0.46
26 05 19 16-0740	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.77	0.57
26 05 19 16-0741		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0732)*		
26 05 19 16-0742	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.14	0.46
26 05 19 16-0743	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.43	0.46
26 05 19 16-0744	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.00	0.57
26 05 19 16-0745		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0732)*		
26 05 19 16-0746	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.66	0.57
26 05 19 16-0747	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.00	0.57
26 05 19 16-0748	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.21	0.57
26 05 19 16-0749		Multi-Conductor Type W Cord *(26 05 19 16-0576)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0750		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0749)*		
26 05 19 16-0751		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0750)*		
26 05 19 16-0752	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	3.77	0.69
26 05 19 16-0753	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.03	0.80
26 05 19 16-0754	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.71	0.80
26 05 19 16-0755		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0750)*		
26 05 19 16-0756	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.06	0.80
26 05 19 16-0757	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.82	0.92
26 05 19 16-0758	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.96	1.15
26 05 19 16-0759		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0750)*		
26 05 19 16-0760	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.32	0.80
26 05 19 16-0761	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.28	0.92
26 05 19 16-0762	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.00	1.15
26 05 19 16-0763		Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0575)*		
26 05 19 16-0764		Cord Grips *(26 05 19 16-0763)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0765	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	73.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.90*	
26 05 19 16-0766	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	73.87	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.90*	

26 05 19 16-0767 Cable Reels *(26 05 19 16-0763)*

Note: Includes handling, mounting, electrical connections and installing cord.

26 05 19 16-0768	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	663.92	57.48
26 05 19 16-0769	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,843.43	57.48
26 05 19 16-0770	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,377.18	57.48

26 05 19 16-0771 Extension Cords For Cable Reel *(26 05 19 16-0763)*

26 05 19 16-0772	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	209.53	
26 05 19 16-0773	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	299.62	

26 05 19 16-0774 Plugs And Connector Bodies *(26 05 19 16-0763)*

Note: Up to 277 volt

26 05 19 16-0775 NEMA Twist-Lock Plugs *(26 05 19 16-0774)*

26 05 19 16-0776	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	77.53	
26 05 19 16-0777	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	79.08	
26 05 19 16-0778	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	72.58	
26 05 19 16-0779	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	77.34	
26 05 19 16-0780	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	99.64	
26 05 19 16-0781	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	105.69	
26 05 19 16-0782	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	111.60	
26 05 19 16-0783	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	100.54	
26 05 19 16-0784	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	115.07	
26 05 19 16-0785	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	117.90	
26 05 19 16-0786	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	121.50	

26 05 19 16-0787 NEMA Twist-Lock Connector Bodies *(26 05 19 16-0774)*

26 05 19 16-0788	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	81.90	
26 05 19 16-0789	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	87.37	
26 05 19 16-0790	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	75.86	
26 05 19 16-0791	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	100.54	
26 05 19 16-0792	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	116.48	
26 05 19 16-0793	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	124.20	
26 05 19 16-0794	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	150.16	
26 05 19 16-0795	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	143.61	
26 05 19 16-0796	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	176.13	
26 05 19 16-0797	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	184.74	
26 05 19 16-0798	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	175.36	

26 05 19 16-0799 Watertight Pin And Sleeve Plug *(26 05 19 16-0774)*

26 05 19 16-0800	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	278.16	34.49
26 05 19 16-0801	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	281.19	34.49
26 05 19 16-0802	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	304.75	34.49
26 05 19 16-0803	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	304.55	37.93
26 05 19 16-0804	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	299.98	37.93
26 05 19 16-0805	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	301.34	37.93
26 05 19 16-0806	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	426.42	42.42
26 05 19 16-0807	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	415.04	42.42
26 05 19 16-0808	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	463.92	42.42
26 05 19 16-0809	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	454.79	46.55
26 05 19 16-0810	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	435.03	46.55
26 05 19 16-0811	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	448.62	46.55
26 05 19 16-0812	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	579.89	55.18
26 05 19 16-0813	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	590.73	55.18
26 05 19 16-0814	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	565.03	55.18
26 05 19 16-0815	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	643.77	61.38
26 05 19 16-0816	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	626.91	61.38
26 05 19 16-0817	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	634.20	61.38
26 05 19 16-0818	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	797.19	68.97
26 05 19 16-0819	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	839.05	68.97
26 05 19 16-0820	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	816.26	75.87
26 05 19 16-0821	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	801.96	75.87
26 05 19 16-0822	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	809.68	75.87

26 05 19 16-0823 Watertight Pin And Sleeve Connector *(26 05 19 16-0774)*

26 05 19 16-0824	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	295.61	34.49
26 05 19 16-0825	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	297.71	34.49
26 05 19 16-0826	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	351.96	34.49
26 05 19 16-0827	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	348.51	37.93
26 05 19 16-0828	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	343.00	37.93
26 05 19 16-0829	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	347.98	37.93
26 05 19 16-0830	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	436.84	42.42

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0831	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	436.73	42.42
26 05 19 16-0832	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	455.44	42.42
26 05 19 16-0833	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	449.71	46.55
26 05 19 16-0834	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	453.57	46.55
26 05 19 16-0835	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	449.50	46.55
26 05 19 16-0836	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	686.82	55.18
26 05 19 16-0837	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	663.91	55.18
26 05 19 16-0838	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	650.25	55.18
26 05 19 16-0839	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	707.42	61.38
26 05 19 16-0840	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	727.34	61.38
26 05 19 16-0841	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	728.80	61.38
26 05 19 16-0842	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	914.48	68.97
26 05 19 16-0843	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	940.76	68.97
26 05 19 16-0844	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	1,016.30	75.87
26 05 19 16-0845	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	980.20	75.87
26 05 19 16-0846	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	992.51	75.87

26 05 19 16-0847 Accessories *(26 05 19 16-0763)*

26 05 19 16-0848	EA	1/2" Straight Steel Cord Connector	62.41	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0849	EA	1/2" Straight Nylon Cord Connector	36.95	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 19 16-0850	EA	1/2" 90 Degree Steel Cord Connector	71.10	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0851	EA	1/2" 90 Degree Nylon Cord Connector	44.17	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0852	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	70.13	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0853	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	123.45	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 05 19 16-0854	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	43.41	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0855	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	74.69	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0856	EA	3/4" Straight Steel Cord Connector	65.18	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0857	EA	3/4" Straight Nylon Cord Connector	38.33	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 19 16-0858	EA	3/4" 90 Degree Steel Cord Connector	79.77	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0859	EA	3/4" 90 Degree Nylon Cord Connector	48.50	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0860	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	78.78	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.34*	
26 05 19 16-0861	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	93.82	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 19 16-0862	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	52.08	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0863	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	62.94	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 05 19 16-0864	EA	1" Straight Steel Cord Connector	82.98	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0865	EA	1" Straight Nylon Cord Connector	47.23	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 19 16-0866	EA	1" 90 Degree Steel Cord Connector	91.53	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0867	EA	1" 90 Degree Nylon Cord Connector	54.38	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 19 16-0868	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	97.47	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.34*	
26 05 19 16-0869	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	106.16	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 19 16-0870	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	61.56	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 19 16-0871	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	70.96	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*

Note: For surface or conduit installation.

26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	447.62	133.93
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	509.18	141.07
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	551.27	149.16
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	656.72	155.45
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	688.08	162.81
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	755.99	169.58
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	815.14	176.36
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	883.73	183.40
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	949.44	188.90
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	484.31	133.93

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 23 00-0013		MLF	#18/3 Conductor, Low Volt Thermostat Cable	574.64	141.07
26 05 23 00-0014		MLF	#18/4 Conductor, Low Volt Thermostat Cable	655.13	149.16
26 05 23 00-0015		MLF	#18/5 Conductor, Low Volt Thermostat Cable	699.59	155.45
26 05 23 00-0016		MLF	#18/6 Conductor, Low Volt Thermostat Cable	774.20	162.81
26 05 23 00-0017		MLF	#18/7 Conductor, Low Volt Thermostat Cable	795.53	169.58
26 05 23 00-0018		MLF	#18/8 Conductor, Low Volt Thermostat Cable	875.48	176.36
26 05 23 00-0019		MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,028.52	183.40
26 05 23 00-0020		MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,128.02	188.90

26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers *(26 05 26)*

26 05 26 00-0002 Single Conductor *(26 05 26 00-0001)*

26 05 26 00-0003 Copper Bare Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0004		MLF	12 AWG Copper Bare Single Stranded Conductor	620.96	229.69
26 05 26 00-0005		MLF	10 AWG Copper Bare Single Stranded Conductor	822.41	229.69
26 05 26 00-0006		MLF	8 AWG Copper Bare Single Stranded Conductor	1,024.79	276.67
26 05 26 00-0007		MLF	6 AWG Copper Bare Single Stranded Conductor	1,413.25	276.67
26 05 26 00-0008		MLF	4 AWG Copper Bare Single Stranded Conductor	1,900.82	334.10
26 05 26 00-0009		MLF	2 AWG Copper Bare Single Stranded Conductor	2,995.81	334.10
26 05 26 00-0010		MLF	1 AWG Copper Bare Single Stranded Conductor	3,468.86	401.96
26 05 26 00-0011		MLF	1/0 AWG Copper Bare Single Stranded Conductor	4,069.55	401.96
26 05 26 00-0012		MLF	2/0 AWG Copper Bare Single Stranded Conductor	5,708.48	506.36
26 05 26 00-0013		MLF	3/0 AWG Copper Bare Single Stranded Conductor	7,040.60	506.36
26 05 26 00-0014		MLF	4/0 AWG Copper Bare Single Stranded Conductor	7,465.78	673.41
26 05 26 00-0015		MLF	250 MCM Copper Bare Single Stranded Conductor	9,593.25	673.41
26 05 26 00-0016		MLF	300 MCM Copper Bare Single Stranded Conductor	9,621.78	777.81
26 05 26 00-0017		MLF	350 MCM Copper Bare Single Stranded Conductor	12,976.17	777.81
26 05 26 00-0018		MLF	500 MCM Copper Bare Single Stranded Conductor	17,719.52	960.52

26 05 26 00-0019 Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0020		MLF	12 AWG Copper Insulated Single Stranded Conductor	1,172.11	313.22
26 05 26 00-0021		MLF	10 AWG Copper Insulated Single Stranded Conductor	1,245.52	313.22
26 05 26 00-0022		MLF	8 AWG Copper Insulated Single Stranded Conductor	1,599.84	313.22
26 05 26 00-0023		MLF	6 AWG Copper Insulated Single Stranded Conductor	1,812.93	542.91
26 05 26 00-0024		MLF	4 AWG Copper Insulated Single Stranded Conductor	2,458.24	542.91
26 05 26 00-0025		MLF	2 AWG Copper Insulated Single Stranded Conductor	3,481.32	542.91
26 05 26 00-0026		MLF	1 AWG Copper Insulated Single Stranded Conductor	4,213.27	950.09
26 05 26 00-0027		MLF	1/0 AWG Copper Insulated Single Stranded Conductor	5,145.89	950.09
26 05 26 00-0028		MLF	2/0 AWG Copper Insulated Single Stranded Conductor	6,039.95	950.09
26 05 26 00-0029		MLF	3/0 AWG Copper Insulated Single Stranded Conductor	7,204.55	950.09
26 05 26 00-0030		MLF	4/0 AWG Copper Insulated Single Stranded Conductor	8,505.89	1,242.42
26 05 26 00-0031		MLF	250 MCM Copper Insulated Single Stranded Conductor	10,297.73	1,242.42
26 05 26 00-0032		MLF	300 MCM Copper Insulated Single Stranded Conductor	12,003.57	1,242.42
26 05 26 00-0033		MLF	350 MCM Copper Insulated Single Stranded Conductor	14,032.51	1,931.49
26 05 26 00-0034		MLF	500 MCM Copper Insulated Single Stranded Conductor	18,346.58	1,931.49

26 05 26 00-0035 Copper Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0036		MLF	12 AWG Copper Bare Single Solid Conductor	620.96	229.69
26 05 26 00-0037		MLF	10 AWG Copper Bare Single Solid Conductor	822.41	229.69
26 05 26 00-0038		MLF	8 AWG Copper Bare Single Solid Conductor	1,024.79	276.67
26 05 26 00-0039		MLF	6 AWG Copper Bare Single Solid Conductor	1,413.25	276.67
26 05 26 00-0040		MLF	4 AWG Copper Bare Single Solid Conductor	1,900.82	334.10
26 05 26 00-0041		MLF	2 AWG Copper Bare Single Solid Conductor	2,995.81	334.10
26 05 26 00-0042		MLF	1/0 AWG Copper Bare Single Solid Conductor	4,069.55	401.96
26 05 26 00-0043		MLF	2/0 AWG Copper Bare Single Solid Conductor	5,164.68	506.36
26 05 26 00-0044		MLF	3/0 AWG Copper Bare Single Solid Conductor	6,259.51	506.36
26 05 26 00-0045		MLF	4/0 AWG Copper Bare Single Solid Conductor	7,465.78	532.46

26 05 26 00-0046 Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0047		MLF	8 AWG Aluminum Bare Single Stranded Conductor	840.54	276.67
26 05 26 00-0048		MLF	6 AWG Aluminum Bare Single Stranded Conductor	942.01	276.67
26 05 26 00-0049		MLF	4 AWG Aluminum Bare Single Stranded Conductor	1,100.59	334.10
26 05 26 00-0050		MLF	2 AWG Aluminum Bare Single Stranded Conductor	1,430.92	334.10
26 05 26 00-0051		MLF	1 AWG Aluminum Bare Single Stranded Conductor	1,709.14	401.96
26 05 26 00-0052		MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,958.61	401.96
26 05 26 00-0053		MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	2,251.86	506.36
26 05 26 00-0054		MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	2,625.22	506.36
26 05 26 00-0055		MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	3,111.04	673.41
26 05 26 00-0056		MLF	250 MCM Aluminum Bare Single Stranded Conductor	3,531.18	673.41
26 05 26 00-0057		MLF	300 MCM Aluminum Bare Single Stranded Conductor	4,334.47	777.81
26 05 26 00-0058		MLF	350 MCM Aluminum Bare Single Stranded Conductor	5,007.81	777.81
26 05 26 00-0059		MLF	500 MCM Aluminum Bare Single Stranded Conductor	5,862.75	960.52

26 05 26 00-0060 Aluminum Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0061		MLF	8 AWG Aluminum Bare Single Solid Conductor	840.54	276.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0062	MLF	6 AWG Aluminum Bare Single Solid Conductor	942.01	276.67
26 05 26 00-0063	MLF	4 AWG Aluminum Bare Single Solid Conductor	1,100.59	334.10
26 05 26 00-0064	MLF	2 AWG Aluminum Bare Single Solid Conductor	1,430.92	334.10
26 05 26 00-0065	MLF	1 AWG Aluminum Bare Single Solid Conductor	1,667.01	532.46
26 05 26 00-0066	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,958.61	532.46
26 05 26 00-0067	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	2,147.48	506.36
26 05 26 00-0068	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	2,415.05	506.36
26 05 26 00-0069	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	3,111.04	673.41
26 05 26 00-0070	MLF	250 MCM Aluminum Bare Single Solid Conductor	3,531.18	673.41
26 05 26 00-0071	MLF	300 MCM Aluminum Bare Single Solid Conductor	4,334.47	777.81
26 05 26 00-0072	MLF	350 MCM Aluminum Bare Single Solid Conductor	5,007.81	777.81
26 05 26 00-0073	MLF	500 MCM Aluminum Bare Single Solid Conductor	5,862.75	960.52

26 05 26 00-0074 Aluminum Smooth Woven Conductors *(26 05 26 00-0002)*

26 05 26 00-0075	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.83	0.79
26 05 26 00-0076	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.13	0.87
26 05 26 00-0077	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.73	1.00
26 05 26 00-0078	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.74	1.02
26 05 26 00-0079	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.94	1.07

26 05 26 00-0080 Copper Flexible Braid Connector Jumper Strap *(26 05 26 00-0001)*

Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.

26 05 26 00-0081	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	142.01	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	248.60	34.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 26 00-0083	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	320.51	34.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 26 00-0084	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	391.45	34.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	335.47	37.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.87*	
26 05 26 00-0086	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	438.93	37.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.87*	
26 05 26 00-0087	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	528.83	37.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.87*	
26 05 26 00-0088	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	438.73	47.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 26 00-0089	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	527.49	57.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	

26 05 26 00-0090 Bonding Jumper For Metallic Conduit *(26 05 26 00-0001)*

26 05 26 00-0091	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit	184.26	63.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.93*	
26 05 26 00-0092	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit	227.02	63.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.21*	
26 05 26 00-0093	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit	337.73	97.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.25*	
26 05 26 00-0094	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit	504.73	97.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.86*	

26 05 26 00-0095 Ground Rods *(26 05 26)*

26 05 26 00-0096 Copper-Clad Ground Rods *(26 05 26 00-0095)*

26 05 26 00-0097	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	97.83	86.21
26 05 26 00-0098	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	101.96	86.21
26 05 26 00-0099	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	118.63	86.21
26 05 26 00-0100	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	115.11	86.21
26 05 26 00-0101	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	120.28	86.21
26 05 26 00-0102	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	141.11	86.21

26 05 26 00-0103 Ground Access Wells *(26 05 26 00-0095)*

26 05 26 00-0104 Precast Ground Access Wells *(26 05 26 00-0103)*

26 05 26 00-0105	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	296.74	
26 05 26 00-0106	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	307.65	
26 05 26 00-0107	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	893.58	
26 05 26 00-0108	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	904.50	

26 05 26 00-0109 Polyvinyl Chloride (PVC) Ground Access Well *(26 05 26 00-0103)*

26 05 26 00-0110	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	582.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0111	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	709.75	
26 05 26 00-0112	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	1,560.71	
26 05 26 00-0113	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	442.00	
26 05 26 00-0114	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	534.65	
26 05 26 00-0115	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	1,396.27	
26 05 26 00-0116	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	254.36	
26 05 26 00-0117	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	349.72	
26 05 26 00-0118	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	416.35	
26 05 26 00-0119	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	207.04	
26 05 26 00-0120	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	322.51	
26 05 26 00-0121	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	482.51	
26 05 26 00-0122	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	665.43	
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	462.40	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	497.43	
26 05 26 00-0125	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy-duty.	890.38	
26 05 26 00-0126	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy-duty.	1,124.45	
26 05 26 00-0127	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy-duty.	495.24	
26 05 26 00-0128	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy-duty.	675.44	
26 05 26 00-0129	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy-duty.	667.51	
26 05 26 00-0130		**Polymer Concrete Ground Access Well** *(26 05 26 00-0103)*		
26 05 26 00-0131	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	563.66	
26 05 26 00-0132	EA	12" x 12" x 12" Heavy-Duty Polymer Concrete Ground Access Well	618.41	
26 05 26 00-0133	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	621.14	
26 05 26 00-0134	EA	12" x 12" x 18" Heavy-Duty Polymer Concrete Ground Access Well	681.36	
26 05 26 00-0135	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	680.82	
26 05 26 00-0136	EA	12" x 12" x 24" Heavy-Duty Polymer Concrete Ground Access Well	747.06	
26 05 26 00-0137	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	908.54	
26 05 26 00-0138	EA	13" x 24" x 18" Heavy-Duty Polymer Concrete Ground Access Well	998.89	
26 05 26 00-0139		**High-Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0103)*		
26 05 26 00-0140	EA	9" Diameter x 10" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	205.13	
26 05 26 00-0141	EA	14" Diameter x 18" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	286.00	
26 05 26 00-0142		**Clay Tile Ground Access Wells** *(26 05 26 00-0103)*		
26 05 26 00-0143	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	324.24	
26 05 26 00-0144	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	341.00	
26 05 26 00-0145	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	103.56	
26 05 26 00-0146		**Copper Grounding Shaft** *(26 05 26 00-0095)*		
26 05 26 00-0147	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	352.59	86.21
26 05 26 00-0148	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	439.98	86.21
26 05 26 00-0149	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	689.12	86.21
26 05 26 00-0150		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0151		**Bronze Ground Rod Clamp** *(26 05 26 00-0150)*		
26 05 26 00-0152	EA	1/2" Bronze Ground Rod Clamp	23.09	12.99
26 05 26 00-0153	EA	5/8" Bronze Ground Rod Clamp	24.13	12.99
26 05 26 00-0154	EA	3/4" Bronze Ground Rod Clamp	25.61	12.99
26 05 26 00-0155		**Bronze Pipe Clamps** *(26 05 26 00-0150)*		
26 05 26 00-0156	EA	1/2" To 1" Diameter, Bronze Pipe Ground Clamps	30.54	21.62
26 05 26 00-0157	EA	1-1/4" To 2" Diameter, Bronze Ground Clamps For Pipe	38.48	25.86
26 05 26 00-0158	EA	2-1/2" To 3" Diameter, Bronze Ground Clamps For Pipe	55.25	30.24
26 05 26 00-0159	EA	2-1/2" To 4" Diameter, Bronze Ground Clamps For Pipe	68.03	38.86
26 05 26 00-0160	EA	4" To 6" Diameter, Bronze Ground Clamps For Pipe	103.33	56.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0161		Grounding Fittings *(26 05 26 00-0150)*		
26 05 26 00-0162		Embedded Fittings *(26 05 26 00-0161)*		
26 05 26 00-0163	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	155.44	
26 05 26 00-0164	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	164.87	
26 05 26 00-0165	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	181.61	
26 05 26 00-0166	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	151.89	
26 05 26 00-0167	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	181.99	
26 05 26 00-0168	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	213.46	
26 05 26 00-0169	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	240.55	
26 05 26 00-0170		Ground Rod Receptacle *(26 05 26 00-0161)*		
26 05 26 00-0171	EA	1/2" Ground Rod Receptacle	335.26	119.55
26 05 26 00-0172	EA	5/8" Ground Rod Receptacle	350.31	122.92
26 05 26 00-0173	EA	3/4" Ground Rod Receptacle	365.71	126.26
26 05 26 00-0174		Ground Kits For Circuit Breaker Panels *(26 05 26 00-0161)*		
26 05 26 00-0175	EA	14-8 AWG Copper Ground Kit	75.25	28.74
26 05 26 00-0176	EA	12-8 AWG Aluminum Ground Kit	66.12	28.74
26 05 26 00-0177	EA	14-4 AWG Copper Ground Kit	83.18	28.74
26 05 26 00-0178	EA	12-4 AWG Aluminum Ground Kit	72.17	28.74
26 05 26 00-0179		Insulated Grounding Bars *(26 05 26 00-0150)*		
26 05 26 00-0180	EA	1/2" x 4" x 10" Insulated Ground Bar	311.96	28.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 05 26 00-0181	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	327.28	28.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 05 26 00-0182		Ground Conductor Bonding *(26 05 26)*		
26 05 26 00-0183		Ground Conductor Bonding *(26 05 26 00-0182)*		
26 05 26 00-0184		Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld *(26 05 26 00-0183)*		
26 05 26 00-0185	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	135.42	
26 05 26 00-0186	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	146.92	
26 05 26 00-0187	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel. Note: Includes molds, materials and all necessary tools to make connections.	158.41	
26 05 26 00-0188	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	227.38	
26 05 26 00-0189		Tee, Wye Or Cross Cadweld *(26 05 26 00-0183)*		
26 05 26 00-0190	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	152.67	
26 05 26 00-0191	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	175.65	
26 05 26 00-0192	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	215.89	
26 05 26 00-0193	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	261.87	
26 05 26 00-0194		Grounding Equipment *(26 05 26)*		
26 05 26 00-0195		Special Grounding Equipment *(26 05 26 00-0194)*		
26 05 26 00-0196		Ground Reels And Ground Bus *(26 05 26 00-0195)*		
26 05 26 00-0197	EA	Ground Reel With 50' Of Galvanized Steel Cable	719.28	
26 05 26 00-0198		Copper Bars *(26 05 26 00-0195)*		
26 05 26 00-0199	LF	1/4" x 2" Copper Bar	41.74	
26 05 26 00-0200		Phenolic Insulators *(26 05 26 00-0195)*		
26 05 26 00-0201	EA	2" x 2" x 1" Long Phenolic Insulators	30.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 26 00-0202		Grounding Studs *(26 05 26 00-0195)*		
26 05 26 00-0203	EA	Ball Grounding Stud	43.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.29*	
26 05 26 00-0204		Equipment Ground Bar Kits *(26 05 26 00-0195)*		
26 05 26 00-0205	EA	Switch Rating 30 Ground Bar Kit	33.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0206	EA	Switch Rating 60 Ground Bar Kit	42.84	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 05 26 00-0207	EA	Switch Rating 100 Ground Bar Kit	49.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 26 00-0208	EA	Switch Rating 200 Ground Bar Kit	86.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 05 26 00-0209		Panelboard Ground Bar Kits *(26 05 26 00-0195)*		
26 05 26 00-0210	EA	Panelboard Ground Bar Kit	123.88	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 26 00-0211		Circuit Breaker Ground Bar Kits *(26 05 26 00-0195)*		
26 05 26 00-0212	EA	3 Circuit, Ground Bar Kit	27.90	5.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 26 00-0213	EA	4 Circuit, Ground Bar Kit	27.41	5.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 26 00-0214	EA	7 Circuit, Ground Bar Kit	28.23	5.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 26 00-0215	EA	12 Circuit, Ground Bar Kit	32.01	5.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.86*	
26 05 26 00-0216	EA	20 Circuit, Ground Bar Kit	36.44	6.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.55*	
26 05 26 00-0217	EA	24 Circuit, Ground Bar Kit	40.22	7.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.24*	
26 05 26 00-0218	EA	30 Circuit, Ground Bar Kit	44.98	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.28*	
26 05 26 00-0219	EA	54 Circuit, Ground Bar Kit	52.03	9.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.65*	
26 05 26 00-0220	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	56.78	7.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.24*	
26 05 26 00-0221	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	62.86	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.28*	
26 05 26 00-0222	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	70.07	9.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.65*	

26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

26 05 29 00-0001 Metal Framing Channel And Fittings *(26 05 29)*
See CSI section 05 43 00 00-0001 for additional unistrut fittings.

26 05 29 00-0002 Metal Framing Channel *(26 05 29 00-0001)*
Note: Excludes fasteners and accessories.

26 05 29 00-0003 Steel Unistrut Channel *(26 05 29 00-0002)*

26 05 29 00-0004	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	19.44	6.31
		For Galvanizing, Add	*0.98*	
		For Powder Coating, Add	*0.87*	
26 05 29 00-0005	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	28.39	8.40
		For Galvanizing, Add	*1.97*	
		For Powder Coating, Add	*1.74*	
26 05 29 00-0006	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	37.33	9.98
		For Galvanizing, Add	*2.95*	
		For Powder Coating, Add	*2.61*	
26 05 29 00-0007	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	46.28	11.56
		For Galvanizing, Add	*3.94*	
		For Powder Coating, Add	*3.48*	
26 05 29 00-0008	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	10.53	2.37
		For Galvanizing, Add	*0.98*	
		For Powder Coating, Add	*0.87*	
26 05 29 00-0009	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	21.22	6.31
		For Galvanizing, Add	*1.29*	
		For Powder Coating, Add	*1.14*	
26 05 29 00-0010	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	31.95	8.40
		For Galvanizing, Add	*2.57*	
		For Powder Coating, Add	*2.27*	
26 05 29 00-0011	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	42.66	9.98
		For Galvanizing, Add	*3.86*	
		For Powder Coating, Add	*3.41*	
26 05 29 00-0012	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	53.38	11.56
		For Galvanizing, Add	*5.15*	
		For Powder Coating, Add	*4.54*	
26 05 29 00-0013	LF	>4' Cut Lengths x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.31	2.37
		For Galvanizing, Add	*1.29*	
		For Powder Coating, Add	*1.14*	
26 05 29 00-0014	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	23.06	6.31
		For Galvanizing, Add	*1.60*	
		For Powder Coating, Add	*1.41*	
26 05 29 00-0015	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	35.63	8.40
		For Galvanizing, Add	*3.20*	
		For Powder Coating, Add	*2.82*	
26 05 29 00-0016	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	48.20	9.98
		For Galvanizing, Add	*4.80*	
		For Powder Coating, Add	*4.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0017	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	60.76	11.56
		For Galvanizing, Add	*6.40*	
		For Powder Coating, Add	*5.65*	
26 05 29 00-0018	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	14.15	2.37
		For Galvanizing, Add	*1.60*	
		For Powder Coating, Add	*1.41*	
26 05 29 00-0019	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	22.44	6.31
		For Galvanizing, Add	*1.49*	
		For Powder Coating, Add	*1.32*	
26 05 29 00-0020	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	34.38	8.40
		For Galvanizing, Add	*2.99*	
		For Powder Coating, Add	*2.64*	
26 05 29 00-0021	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	46.32	9.98
		For Galvanizing, Add	*4.48*	
		For Powder Coating, Add	*3.95*	
26 05 29 00-0022	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	58.26	11.56
		For Galvanizing, Add	*5.98*	
		For Powder Coating, Add	*5.27*	
26 05 29 00-0023	LF	>4' Cut Lengths x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	13.53	2.37
		For Galvanizing, Add	*1.49*	
		For Powder Coating, Add	*1.32*	
26 05 29 00-0024	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	22.03	6.31
		For Galvanizing, Add	*1.42*	
		For Powder Coating, Add	*1.26*	
26 05 29 00-0025	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	33.57	8.40
		For Galvanizing, Add	*2.85*	
		For Powder Coating, Add	*2.51*	
26 05 29 00-0026	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	45.11	9.98
		For Galvanizing, Add	*4.28*	
		For Powder Coating, Add	*3.77*	
26 05 29 00-0027	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	56.64	11.56
		For Galvanizing, Add	*5.70*	
		For Powder Coating, Add	*5.03*	
26 05 29 00-0028	LF	>4' Cut Lengths x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	13.12	2.37
		For Galvanizing, Add	*1.42*	
		For Powder Coating, Add	*1.26*	
26 05 29 00-0029		**Stainless Steel Unistrut Channel** *(26 05 29 00-0002)*		
26 05 29 00-0030		**304 Stainless Steel Unistrut Channel** *(26 05 29 00-0029)*		
26 05 29 00-0031	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	31.15	6.31
26 05 29 00-0032	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	51.80	8.40
26 05 29 00-0033	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	72.45	9.98
26 05 29 00-0034	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	93.09	11.56
26 05 29 00-0035	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	22.24	2.37
26 05 29 00-0036	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.36	6.31
26 05 29 00-0037	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	58.23	8.40
26 05 29 00-0038	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	82.09	9.98
26 05 29 00-0039	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	105.94	11.56
26 05 29 00-0040	LF	>4' Cut Lengths x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	25.45	2.37
26 05 29 00-0041	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	35.42	6.31
26 05 29 00-0042	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	60.35	8.40
26 05 29 00-0043	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	85.28	9.98
26 05 29 00-0044	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	110.20	11.56
26 05 29 00-0045	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	26.51	2.37
26 05 29 00-0046	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.96	6.31
26 05 29 00-0047	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	71.43	8.40
26 05 29 00-0048	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	101.90	9.98
26 05 29 00-0049	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	132.36	11.56
26 05 29 00-0050	LF	>4' Cut Lengths x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	32.05	2.37
26 05 29 00-0051		**316 Stainless Steel Unistrut Channel** *(26 05 29 00-0029)*		
26 05 29 00-0052	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	45.01	6.31
26 05 29 00-0053	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	79.54	8.40
26 05 29 00-0054	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	114.05	9.98
26 05 29 00-0055	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	148.57	11.56
26 05 29 00-0056	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	36.10	2.37
26 05 29 00-0057		**Aluminum Unistrut Channel** *(26 05 29 00-0002)*		
26 05 29 00-0058	EA	Up To 1' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	18.63	6.31
26 05 29 00-0059	EA	>1' To 2' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	26.78	8.40
26 05 29 00-0060	EA	>2' To 3' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	34.91	9.98
26 05 29 00-0061	EA	>3' To 4' Cut Length x 1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	43.05	11.56
26 05 29 00-0062	LF	>4' Cut Lengths x 1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	9.72	2.37
26 05 29 00-0063	EA	Up To 1' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	21.89	6.31
26 05 29 00-0064	EA	>1' To 2' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	33.29	8.40
26 05 29 00-0065	EA	>2' To 3' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	44.69	9.98
26 05 29 00-0066	EA	>3' To 4' Cut Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	56.08	11.56
26 05 29 00-0067	LF	>4' Cut lengths x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	12.98	2.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0068		Metal Framing Channel Fittings *(26 05 29 00-0001)*		
26 05 29 00-0069		Unistrut Channel Closure Strips And Caps *(26 05 29 00-0068)*		
26 05 29 00-0070		Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0069)*		
26 05 29 00-0071	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	7.60	0.57
26 05 29 00-0072	EA	Steel End Cap, Unistrut Channel Fittings	5.41	1.44
26 05 29 00-0073		Stainless Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0069)*		
26 05 29 00-0074	EA	Stainless Steel End Cap For Unistrut Channel	11.17	1.44
26 05 29 00-0075		Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0076		Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0075)*		
26 05 29 00-0077	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	7.31	
26 05 29 00-0078	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	7.26	
26 05 29 00-0079	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	8.93	
26 05 29 00-0080		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0075)*		
26 05 29 00-0081	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	15.72	
26 05 29 00-0082	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	23.25	
26 05 29 00-0083	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	29.63	
26 05 29 00-0084		90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0085		Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0084)*		
26 05 29 00-0086	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	7.06	
26 05 29 00-0087	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.85	
26 05 29 00-0088	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	10.39	
26 05 29 00-0089	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	10.24	
26 05 29 00-0090		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0084)*		
26 05 29 00-0091	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.11	
26 05 29 00-0092	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	11.33	
26 05 29 00-0093	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.65	
26 05 29 00-0094	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	13.59	
26 05 29 00-0095	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	12.44	
26 05 29 00-0096	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	22.73	
26 05 29 00-0097	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	13.07	
26 05 29 00-0098	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	18.83	
26 05 29 00-0099		60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0100		Steel 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0099)*		
26 05 29 00-0101	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	15.04	
26 05 29 00-0102		U-Connector, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0103		Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0102)*		
26 05 29 00-0104	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	5.05	
26 05 29 00-0105	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	5.68	
26 05 29 00-0106		Stainless Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0102)*		
26 05 29 00-0107	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	18.70	
26 05 29 00-0108		Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0109		Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0108)*		
26 05 29 00-0110	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	15.45	
26 05 29 00-0111		Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0108)*		
26 05 29 00-0112	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	36.11	
26 05 29 00-0113		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0068)* Note: Includes hex screw and nut.		
26 05 29 00-0114		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0113)* Note: Includes hex screw and nut.		
26 05 29 00-0115	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.25	1.73
26 05 29 00-0116	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.28	1.73
26 05 29 00-0117	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.42	1.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0118	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.76	2.30
26 05 29 00-0119	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.49	2.30
26 05 29 00-0120	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.57	2.30
26 05 29 00-0121	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.24	2.88
26 05 29 00-0122	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.88	2.88
26 05 29 00-0123	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.51	2.88
26 05 29 00-0124	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.73	2.88
26 05 29 00-0125		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0113)*		
		Note: Includes hex screw and nut.		
26 05 29 00-0126	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.50	1.73
26 05 29 00-0127	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.34	1.73
26 05 29 00-0128	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.18	1.73
26 05 29 00-0129	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.44	2.30
26 05 29 00-0130	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.77	2.30
26 05 29 00-0131	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.39	2.30
26 05 29 00-0132	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.29	2.88
26 05 29 00-0133	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	19.37	2.88
26 05 29 00-0134	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.26	2.88
26 05 29 00-0135	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.55	2.88
26 05 29 00-0136		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0113)*		
		Note: Includes hex screw and nut.		
26 05 29 00-0137	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.02	1.73
26 05 29 00-0138	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.20	1.73
26 05 29 00-0139	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.54	1.73
26 05 29 00-0140	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.60	2.30
26 05 29 00-0141	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.69	2.30
26 05 29 00-0142	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.89	2.30
26 05 29 00-0143	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	18.86	2.88
26 05 29 00-0144	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	19.92	2.88
26 05 29 00-0145	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	27.44	2.88
26 05 29 00-0146	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	32.04	2.88
26 05 29 00-0147		Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0148		Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0147)*		
26 05 29 00-0149	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	39.78	10.50
26 05 29 00-0150	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	25.32	10.50
26 05 29 00-0151	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	38.32	10.50
26 05 29 00-0152		304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0147)*		
26 05 29 00-0153	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	45.90	10.50
26 05 29 00-0154		Square Washers For Unistrut Channel *(26 05 29 00-0068)*		
26 05 29 00-0155		Steel Square Washers For Unistrut Channel *(26 05 29 00-0154)*		
26 05 29 00-0156	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	5.11	
26 05 29 00-0157		Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0154)*		
26 05 29 00-0158	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	4.62	
26 05 29 00-0159	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	5.76	
26 05 29 00-0160		Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0161	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	43.14	
26 05 29 00-0162		Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0163	EA	Steel Trolley Track Hanger For Unistrut Channel	53.43	
26 05 29 00-0164		Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0068)*		
		Note: Includes hex bolt.		
26 05 29 00-0165		Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0164)*		
		Note: Includes hex bolt.		
26 05 29 00-0166	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	8.25	
26 05 29 00-0167	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	9.13	
26 05 29 00-0168	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.80	
26 05 29 00-0169	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	13.37	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0170			Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0164)*		
			Note: Includes hex bolt.		
	26 05 29 00-0171	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	13.87	
	26 05 29 00-0172	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.74	
	26 05 29 00-0173	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.31	
	26 05 29 00-0174	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	32.96	
26 05 29 00-0175			Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0068)*		
			Note: Includes hex bolt.		
26 05 29 00-0176			Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0175)*		
			Note: Includes hex bolt.		
	26 05 29 00-0177	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	8.28	
	26 05 29 00-0178	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	9.26	
	26 05 29 00-0179	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.85	
	26 05 29 00-0180	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	14.40	
26 05 29 00-0181			Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0175)*		
			Note: Includes hex bolt.		
	26 05 29 00-0182	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.41	
	26 05 29 00-0183	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.31	
	26 05 29 00-0184	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.44	
	26 05 29 00-0185	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	32.15	
26 05 29 00-0186			Mounting Assemblies *(26 05 29)*		
26 05 29 00-0187			Galvanized Steel Mounting Assemblies *(26 05 29 00-0186)*		
26 05 29 00-0188			Galvanized Steel Back Plate *(26 05 29 00-0187)*		
	26 05 29 00-0189	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	555.73	68.97
	26 05 29 00-0190	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	134.97	22.99
	26 05 29 00-0191	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	342.06	57.48
26 05 29 00-0192			Aluminum Mounting Assemblies *(26 05 29 00-0186)*		
26 05 29 00-0193			Aluminum Back Plate *(26 05 29 00-0192)*		
	26 05 29 00-0194	EA	3/16" x 2' x 2' Aluminum Back Plate	451.89	86.21
	26 05 29 00-0195	EA	3/16" x 4' x 4' Aluminum Back Plate	1,316.21	86.21
26 05 29 00-0196			Supports *(26 05 29)*		
26 05 29 00-0197			One Hole Steel Conduit Straps *(26 05 29 00-0196)*		
	26 05 29 00-0198	EA	1/2", One Hole Steel Conduit Strap	4.26	
			For Work In Restricted Working Space, Add	*1.10*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
			For >50 To 100, Deduct	*-0.20*	
			For >100 To 250, Deduct	*-0.40*	
			For >250 To 500, Deduct	*-0.78*	
			For >500, Deduct	*-1.16*	
	26 05 29 00-0199	EA	3/4", One Hole Steel Conduit Strap	4.32	
			For Work In Restricted Working Space, Add	*1.10*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
			For >50 To 100, Deduct	*-0.20*	
			For >100 To 250, Deduct	*-0.40*	
			For >250 To 500, Deduct	*-0.78*	
			For >500, Deduct	*-1.17*	
	26 05 29 00-0200	EA	1", One Hole Steel Conduit Strap	4.62	
			For Work In Restricted Working Space, Add	*1.10*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
			For >50 To 100, Deduct	*-0.21*	
			For >100 To 250, Deduct	*-0.42*	
			For >250 To 500, Deduct	*-0.81*	
			For >500, Deduct	*-1.20*	
	26 05 29 00-0201	EA	1-1/4", One Hole Steel Conduit Strap	4.84	
			For Work In Restricted Working Space, Add	*1.10*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
			For >50 To 100, Deduct	*-0.21*	
			For >100 To 250, Deduct	*-0.43*	
			For >250 To 500, Deduct	*-0.82*	
			For >500, Deduct	*-1.22*	
	26 05 29 00-0202	EA	1-1/2", One Hole Steel Conduit Strap	4.99	
			For Work In Restricted Working Space, Add	*1.10*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
			For >50 To 100, Deduct	*-0.22*	
			For >100 To 250, Deduct	*-0.43*	
			For >250 To 500, Deduct	*-0.83*	
			For >500, Deduct	*-1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0203	EA	2", One Hole Steel Conduit Strap	5.90	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0204	EA	2-1/2", One Hole Steel Conduit Strap	6.83	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0205	EA	3", One Hole Steel Conduit Strap	7.14	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.45*	
26 05 29 00-0206	EA	3-1/2", One Hole Steel Conduit Strap	8.66	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.60*	
26 05 29 00-0207	EA	4", One Hole Steel Conduit Strap	9.88	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.72*	

26 05 29 00-0208 One Hole Iron Conduit Straps *(26 05 29 00-0196)*

26 05 29 00-0209	EA	1/2", One Hole Iron Conduit Strap	4.41	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.18*	
26 05 29 00-0210	EA	3/4", One Hole Iron Conduit Strap	4.56	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0211	EA	1", One Hole Iron Conduit Strap	4.82	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0212	EA	1-1/4", One Hole Iron Conduit Strap	5.45	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.28*	
26 05 29 00-0213	EA	1-1/2", One Hole Iron Conduit Strap	5.71	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0214	EA	2", One Hole Iron Conduit Strap	7.31	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.47*	
26 05 29 00-0215	EA	2-1/2", One Hole Iron Conduit Strap	10.76	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.27*	
		For >500, Deduct	*-1.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0216	EA	3", One Hole Iron Conduit Strap	13.64	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.10*	
26 05 29 00-0217	EA	3-1/2", One Hole Iron Conduit Strap	17.85	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.52*	
26 05 29 00-0218	EA	4", One Hole Iron Conduit Strap	34.69	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-3.06*	
		For >500, Deduct	*-4.21*	
26 05 29 00-0219	EA	5", One Hole Iron Conduit Strap	43.74	
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-3.74*	
		For >500, Deduct	*-5.11*	

26 05 29 00-0220 Two Hole Steel Conduit Straps *(26 05 29 00-0196)*

26 05 29 00-0221	EA	1/2", Two Hole Steel Conduit Strap	4.94	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0222	EA	3/4", Two Hole Steel Conduit Strap	5.04	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0223	EA	1", Two Hole Steel Conduit Strap	5.09	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0224	EA	1-1/4", Two Hole Steel Conduit Strap	5.16	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0225	EA	1-1/2", Two Hole Steel Conduit Strap	5.21	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0226	EA	2", Two Hole Steel Conduit Strap	5.34	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.36*	
26 05 29 00-0227	EA	2-1/2", Two Hole Steel Conduit Strap	6.03	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.43*	
26 05 29 00-0228	EA	3", Two Hole Steel Conduit Strap	6.18	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0229	EA	3-1/2", Two Hole Steel Conduit Strap	6.72	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.02*	
		For >500, Deduct	*-1.50*	
26 05 29 00-0230	EA	4", Two Hole Steel Conduit Strap	7.10	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.54*	
26 05 29 00-0231	EA	5", Two Hole Steel Conduit Strap	7.59	
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.59*	

26 05 29 00-0232 Clamp Back Spacers *(26 05 29 00-0196)*

26 05 29 00-0233	EA	1/2" Conduit, Clamp Back Spacer	4.03	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0234	EA	3/4" Conduit, Clamp Back Spacer	4.41	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0235	EA	1" Conduit, Clamp Back Spacer	4.77	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.05*	
26 05 29 00-0236	EA	1-1/4" Conduit, Clamp Back Spacer	6.18	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0237	EA	1-1/2" Conduit, Clamp Back Spacer	7.31	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0238	EA	2" Conduit, Clamp Back Spacer	8.50	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0239	EA	2-1/2" Conduit, Clamp Back Spacer	13.33	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.91*	
26 05 29 00-0240	EA	3" Conduit, Clamp Back Spacer	19.10	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.48*	
26 05 29 00-0241	EA	3-1/2" Conduit, Clamp Back Spacer	24.71	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.21*	
		For >500, Deduct	*-3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0242	EA	4" Conduit, Clamp Back Spacer	51.01	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.69*	
		For >250 To 500, Deduct	*-4.18*	
		For >500, Deduct	*-5.68*	
26 05 29 00-0243	EA	5" Conduit, Clamp Back Spacer	95.43	
		For Work In Restricted Working Space, Add	*0.86*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-7.52*	
		For >500, Deduct	*-10.12*	

26 05 29 00-0244 Conduit Clips *(26 05 29 00-0196)*

Note: Push in or clip.

26 05 29 00-0245	EA	1/2" Conduit Clip	4.88	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0246	EA	3/4" Conduit Clip	4.88	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0247	EA	1" Conduit Clip	4.79	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0248	EA	1-1/4" Conduit Clip	5.01	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.02*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.24*	

26 05 29 00-0249 Bolt And Nut Conduit Clips *(26 05 29 00-0196)*

26 05 29 00-0250	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	6.06	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.25*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.53*	
26 05 29 00-0251	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.29	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.25*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.55*	
26 05 29 00-0252	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	6.71	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.32*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.65*	
26 05 29 00-0253	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	6.84	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.32*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.66*	
26 05 29 00-0254	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	7.72	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.32*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0255	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	8.38	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.39*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.27*	
		For >500, Deduct	*-1.87*	
26 05 29 00-0256	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	9.17	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.39*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0257	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	17.16	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.87*	

26 05 29 00-0258 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0196)*

Note: Bat wing.

26 05 29 00-0259	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.51	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0260	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.57	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.91*	
26 05 29 00-0261	EA	1", Conduit Hanger From Flange, Wire Or Rod	3.75	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0262	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.19	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.79*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.97*	

26 05 29 00-0263 Beam Flange Clamps *(26 05 29 00-0196)*

Note: For threaded rod, nut not required.

26 05 29 00-0264	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.36	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.11*	
26 05 29 00-0265	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.24	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0266	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	5.93	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.17*	

26 05 29 00-0267 T-Bar Support Clips *(26 05 29 00-0196)*

26 05 29 00-0268	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	8.76	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-2.03*	
26 05 29 00-0269	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	8.23	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.97*	
26 05 29 00-0270	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.28	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.61*	
26 05 29 00-0271	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	28.90	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.35*	

26 05 29 00-0272 Switch And Outlet Box Type Supports *(26 05 29 00-0196)*

26 05 29 00-0273	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	6.84	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.14*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0274		EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	5.72	
			For >50 To 100, Deduct	*-0.20*	
			For >100 To 250, Deduct	*-0.40*	
			For >250 To 500, Deduct	*-0.72*	
			For >500, Deduct	*-1.03*	
26 05 29 00-0275		EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	6.68	
			For >50 To 100, Deduct	*-0.22*	
			For >100 To 250, Deduct	*-0.45*	
			For >250 To 500, Deduct	*-0.79*	
			For >500, Deduct	*-1.13*	
26 05 29 00-0276		EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	4.13	
			For >50 To 100, Deduct	*-0.16*	
			For >100 To 250, Deduct	*-0.32*	
			For >250 To 500, Deduct	*-0.60*	
			For >500, Deduct	*-0.87*	
26 05 29 00-0277		EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.33	
			For >50 To 100, Deduct	*-0.17*	
			For >100 To 250, Deduct	*-0.33*	
			For >250 To 500, Deduct	*-0.61*	
			For >500, Deduct	*-0.89*	

26 05 29 00-0278 Lighting Fixture Hanger *(26 05 29 00-0196)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0279		EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	5.69	
			For >50 To 100, Deduct	*-0.26*	
			For >100 To 250, Deduct	*-0.51*	
			For >250 To 500, Deduct	*-1.00*	
			For >500, Deduct	*-1.49*	
26 05 29 00-0280		PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	22.29	
			For >50 To 100, Deduct	*-0.67*	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-2.25*	
			For >500, Deduct	*-3.15*	
26 05 29 00-0281		PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	31.01	
			For >50 To 100, Deduct	*-0.89*	
			For >100 To 250, Deduct	*-1.78*	
			For >250 To 500, Deduct	*-2.90*	
			For >500, Deduct	*-4.02*	

26 05 29 00-0282 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0196)*

26 05 29 00-0283		EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.24	
			For >50 To 100, Deduct	*-0.22*	
			For >100 To 250, Deduct	*-0.43*	
			For >250 To 500, Deduct	*-0.82*	
			For >500, Deduct	*-1.21*	
			For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0284		EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.27	
			For >50 To 100, Deduct	*-0.22*	
			For >100 To 250, Deduct	*-0.44*	
			For >250 To 500, Deduct	*-0.83*	
			For >500, Deduct	*-1.22*	
			For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0285		EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.41	
			For >50 To 100, Deduct	*-0.22*	
			For >100 To 250, Deduct	*-0.44*	
			For >250 To 500, Deduct	*-0.84*	
			For >500, Deduct	*-1.23*	
			For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0286		EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.75	
			For >50 To 100, Deduct	*-0.28*	
			For >100 To 250, Deduct	*-0.57*	
			For >250 To 500, Deduct	*-1.08*	
			For >500, Deduct	*-1.60*	
			For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0287		EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.48	
			For >50 To 100, Deduct	*-0.30*	
			For >100 To 250, Deduct	*-0.60*	
			For >250 To 500, Deduct	*-1.14*	
			For >500, Deduct	*-1.67*	
			For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0288		EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.56	
			For >50 To 100, Deduct	*-0.30*	
			For >100 To 250, Deduct	*-0.61*	
			For >250 To 500, Deduct	*-1.14*	
			For >500, Deduct	*-1.68*	
			For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0289		EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.23	
			For >50 To 100, Deduct	*-0.37*	
			For >100 To 250, Deduct	*-0.75*	
			For >250 To 500, Deduct	*-1.41*	
			For >500, Deduct	*-2.07*	
			For Work In Restricted Working Space, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0290	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.87	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.46*	
		For >500, Deduct	*-2.14*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0291	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.50	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-2.20*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0292	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.72	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*1.73*	

26 05 29 00-0293 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0196)*

26 05 29 00-0294	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.71	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.26*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0295	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.66	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.26*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0296	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.58	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0297	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.33	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0298	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	8.60	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 29 00-0299	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	8.67	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.79*	
		For Work In Restricted Working Space, Add	*1.38*	

26 05 29 00-0300 "J" Type Conduit Hangers *(26 05 29 00-0196)*

26 05 29 00-0301	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	26.36	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.98*	
		For >500, Deduct	*-4.25*	
		For Work In Restricted Working Space, Add	*2.42*	
26 05 29 00-0302	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	26.68	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-3.01*	
		For >500, Deduct	*-4.28*	
		For Work In Restricted Working Space, Add	*2.42*	
26 05 29 00-0303	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	28.12	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-3.26*	
		For >500, Deduct	*-4.65*	
		For Work In Restricted Working Space, Add	*2.76*	
26 05 29 00-0304	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	28.46	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-3.28*	
		For >500, Deduct	*-4.68*	
		For Work In Restricted Working Space, Add	*2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0305	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	29.85	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.06*	
		For Work In Restricted Working Space, Add	*3.11*	
26 05 29 00-0306	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	31.15	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-3.63*	
		For >500, Deduct	*-5.19*	
		For Work In Restricted Working Space, Add	*3.11*	
26 05 29 00-0307	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	50.88	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.39*	
		For Work In Restricted Working Space, Add	*3.45*	
26 05 29 00-0308	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	53.99	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.33*	
		For >250 To 500, Deduct	*-5.63*	
		For >500, Deduct	*-7.93*	
		For Work In Restricted Working Space, Add	*3.79*	
26 05 29 00-0309	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	58.09	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-6.08*	
		For >500, Deduct	*-8.57*	
		For Work In Restricted Working Space, Add	*4.14*	
26 05 29 00-0310	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	78.25	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.60*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.59*	
		For Work In Restricted Working Space, Add	*4.14*	
26 05 29 00-0311	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	86.01	
		For >50 To 100, Deduct	*-2.52*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-8.32*	
		For >500, Deduct	*-11.59*	
		For Work In Restricted Working Space, Add	*4.48*	
26 05 29 00-0312	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	122.10	
		For >50 To 100, Deduct	*-3.48*	
		For >100 To 250, Deduct	*-6.97*	
		For >250 To 500, Deduct	*-11.31*	
		For >500, Deduct	*-15.66*	
		For Work In Restricted Working Space, Add	*5.17*	

26 05 29 00-0313 Between Studs Box Brackets *(26 05 29 00-0196)*

26 05 29 00-0314	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	9.39	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0315	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	11.44	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.83*	
		For Work In Restricted Working Space, Add	*1.04*	

26 05 29 00-0316 Hangers And Brackets *(26 05 29 00-0196)*

26 05 29 00-0317	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.08	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0318	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.96	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0319	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.96	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0320	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.19	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0321	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.22	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0322	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	4.08	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0323	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.19	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0324	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.22	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	

26 05 29 00-0325 Clips And Accessories *(26 05 29 00-0196)*

26 05 29 00-0326	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.11	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
26 05 29 00-0327	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.16	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
26 05 29 00-0328	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.34	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.52*	
26 05 29 00-0329	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.73	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	

26 05 29 00-0330 Wire Ties *(26 05 29 00-0196)*

Note: Per hundred (C).

26 05 29 00-0331	C	3" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	29.91	
		For Up To 0.1, Add	*24.02*	
		For >0.1 To 0.25, Add	*12.01*	
		For >0.25 To 0.75, Add	*6.01*	
		For >2.0, Deduct	*-2.40*	
		For UV Black, Add	*0.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 29 00-0332	C	4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	30.14	
		For Up To 0.1, Add	*24.02*	
		For >0.1 To 0.25, Add	*12.01*	
		For >0.25 To 0.75, Add	*6.01*	
		For >2.0, Deduct	*-2.40*	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 29 00-0333	C	4-3/4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	30.30	
		For Up To 0.1, Add	*24.02*	
		For >0.1 To 0.25, Add	*12.01*	
		For >0.25 To 0.75, Add	*6.01*	
		For >2.0, Deduct	*-2.40*	
		For UV Black, Add	*0.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 29 00-0334	C	5-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	30.37	
		For Up To 0.1, Add	*24.02*	
		For >0.1 To 0.25, Add	*12.01*	
		For >0.25 To 0.75, Add	*6.01*	
		For >2.0, Deduct	*-2.40*	
		For UV Black, Add	*0.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 29 00-0335	C	6-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	31.47	
		For Up To 0.1, Add	*25.05*	
		For >0.1 To 0.25, Add	*12.53*	
		For >0.25 To 0.75, Add	*6.26*	
		For >2.0, Deduct	*-2.51*	
		For UV Black, Add	*0.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0336	C	8" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	37.58	
		For Up To 0.1, Add	*26.19*	
		For >0.1 To 0.25, Add	*13.10*	
		For >0.25 To 0.75, Add	*6.55*	
		For >2.0, Deduct	*-2.62*	
		For UV Black, Add	*1.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 29 00-0337	C	4-3/4" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	36.23	
		For Up To 0.1, Add	*24.02*	
		For >0.1 To 0.25, Add	*12.01*	
		For >0.25 To 0.75, Add	*6.01*	
		For >2.0, Deduct	*-2.40*	
		For UV Black, Add	*1.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 29 00-0338	C	6" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	37.36	
		For Up To 0.1, Add	*25.05*	
		For >0.1 To 0.25, Add	*12.53*	
		For >0.25 To 0.75, Add	*6.26*	
		For >2.0, Deduct	*-2.51*	
		For UV Black, Add	*1.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.52*	
26 05 29 00-0339	C	8" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	38.56	
		For Up To 0.1, Add	*26.19*	
		For >0.1 To 0.25, Add	*13.10*	
		For >0.25 To 0.75, Add	*6.55*	
		For >2.0, Deduct	*-2.62*	
		For UV Black, Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 29 00-0340	C	10" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	56.79	
		For Up To 0.1, Add	*28.25*	
		For >0.1 To 0.25, Add	*14.13*	
		For >0.25 To 0.75, Add	*7.06*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*4.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 29 00-0341	C	11-1/2" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	59.37	
		For Up To 0.1, Add	*28.25*	
		For >0.1 To 0.25, Add	*14.13*	
		For >0.25 To 0.75, Add	*7.06*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*4.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 29 00-0342	C	7" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	40.37	
		For Up To 0.1, Add	*26.19*	
		For >0.1 To 0.25, Add	*13.10*	
		For >0.25 To 0.75, Add	*6.55*	
		For >2.0, Deduct	*-2.62*	
		For UV Black, Add	*2.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 29 00-0343	C	8" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	38.08	
		For Up To 0.1, Add	*26.19*	
		For >0.1 To 0.25, Add	*13.10*	
		For >0.25 To 0.75, Add	*6.55*	
		For >2.0, Deduct	*-2.62*	
		For UV Black, Add	*1.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 29 00-0344	C	11" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	57.50	
		For Up To 0.1, Add	*28.25*	
		For >0.1 To 0.25, Add	*14.13*	
		For >0.25 To 0.75, Add	*7.06*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*4.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 29 00-0345	C	14-1/2" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	65.97	
		For Up To 0.1, Add	*30.01*	
		For >0.1 To 0.25, Add	*15.01*	
		For >0.25 To 0.75, Add	*7.50*	
		For >2.0, Deduct	*-3.00*	
		For UV Black, Add	*5.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 29 00-0346	C	8" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	64.77	
		For Up To 0.1, Add	*26.19*	
		For >0.1 To 0.25, Add	*13.10*	
		For >0.25 To 0.75, Add	*6.55*	
		For >2.0, Deduct	*-2.62*	
		For UV Black, Add	*5.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 29 00-0347	C	11" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	70.96	
		For Up To 0.1, Add	*28.25*	
		For >0.1 To 0.25, Add	*14.13*	
		For >0.25 To 0.75, Add	*7.06*	
		For >2.0, Deduct	*-2.83*	
		For UV Black, Add	*6.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0348	C	15" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	86.19	
		For Up To 0.1, Add	*30.01*	
		For >0.1 To 0.25, Add	*15.01*	
		For >0.25 To 0.75, Add	*7.50*	
		For >2.0, Deduct	*-3.00*	
		For UV Black, Add	*8.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 29 00-0349	C	17" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	124.06	
		For Up To 0.1, Add	*32.01*	
		For >0.1 To 0.25, Add	*16.01*	
		For >0.25 To 0.75, Add	*8.00*	
		For >2.0, Deduct	*-3.20*	
		For UV Black, Add	*13.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.60*	
26 05 29 00-0350	C	17-3/4" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	120.13	
		For Up To 0.1, Add	*32.01*	
		For >0.1 To 0.25, Add	*16.01*	
		For >0.25 To 0.75, Add	*8.00*	
		For >2.0, Deduct	*-3.20*	
		For UV Black, Add	*13.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.60*	
26 05 29 00-0351	C	21-11/16" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	146.74	
		For Up To 0.1, Add	*33.50*	
		For >0.1 To 0.25, Add	*16.75*	
		For >0.25 To 0.75, Add	*8.38*	
		For >2.0, Deduct	*-3.35*	
		For UV Black, Add	*16.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.05*	
26 05 29 00-0352	C	30" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	170.10	
		For Up To 0.1, Add	*35.13*	
		For >0.1 To 0.25, Add	*17.57*	
		For >0.25 To 0.75, Add	*8.78*	
		For >2.0, Deduct	*-3.51*	
		For UV Black, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.54*	
26 05 29 00-0353	C	46" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	234.02	
		For Up To 0.1, Add	*37.91*	
		For >0.1 To 0.25, Add	*18.96*	
		For >0.25 To 0.75, Add	*9.48*	
		For >2.0, Deduct	*-3.79*	
		For UV Black, Add	*29.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.37*	
26 05 29 00-0354	C	3/4" x 3/4" Self Adhesive Tie Mounts	38.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.81*	
26 05 29 00-0355	C	1.1" x 1.1" Tie Mounts With Screw	77.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 05 29 00-0356	EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	2.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.17*	
26 05 29 00-0357	EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	2.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0358	EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	3.01	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0359	EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	4.25	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0360	EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	109.87	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.08*	

26 05 29 00-0361 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0362 Toggle Bolts *(26 05 29 00-0361)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0363	EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	8.92	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.98*	
		For >500, Deduct	*-4.25*	
26 05 29 00-0364	EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.17	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-3.06*	
		For >500, Deduct	*-4.36*	
26 05 29 00-0365	EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.67	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.50*	
26 05 29 00-0366	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.91	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0367	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.14	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-3.30*	
		For >500, Deduct	*-4.71*	
26 05 29 00-0368	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.47	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.46*	
		For >500, Deduct	*-4.93*	
26 05 29 00-0369	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.92	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.55*	
		For >500, Deduct	*-5.06*	

26 05 29 00-0370 Machine Screws *(26 05 29 00-0361)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0371	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.64	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.28*	
26 05 29 00-0372	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.68	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.29*	
26 05 29 00-0373	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.36	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.62*	
26 05 29 00-0374	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.51	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0375	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.34	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-1.97*	

26 05 29 00-0376 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0361)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0377	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.30	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.71*	
26 05 29 00-0378	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.25	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.71*	
26 05 29 00-0379	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	6.01	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.13*	
26 05 29 00-0380	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.66	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.55*	

26 05 29 00-0381 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0361)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0382	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.21	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0383	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.26	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0384	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.86	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0385		**Hollow Wall Screw Anchors** *(26 05 29 00-0361)*		
26 05 29 00-0386	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.90	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.81*	
26 05 29 00-0387	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.96	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.81*	
26 05 29 00-0388	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.05	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.82*	
26 05 29 00-0389	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.59	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0390	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.72	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0391	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.76	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0392	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.78	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0393	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.96	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0394	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.03	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0395		**Lead Screw Anchors** *(26 05 29 00-0361)*		
		Note: Includes screw.		
26 05 29 00-0396	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.40	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.41*	
		For >500, Deduct	*-2.01*	
26 05 29 00-0397	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.23	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.34*	
26 05 29 00-0398	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	7.07	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-3.01*	
26 05 29 00-0399		**Nailing Anchor Hilti HPS Impact Anchor Or Equal** *(26 05 29 00-0361)*		
26 05 29 00-0400	EA	1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.67	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.59*	
26 05 29 00-0401	EA	1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	2.85	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0402	EA	1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	4.01	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.18*	
		For >500, Deduct	*-1.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0403		**Acoustical T-Bar Clips** *(26 05 29 00-0361)*		
		Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0404	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	7.69	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.73*	
26 05 29 00-0405	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	8.05	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.87*	
26 05 29 00-0406	EA	1" Conduit, Push-In Acoustical T-Bar Clip	8.81	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-3.06*	
26 05 29 00-0407		**Threaded Rod, Accessories And Attachments** *(26 05 29)*		
26 05 29 00-0408		**Threaded Rod And Rod Accessories** *(26 05 29 00-0407)*		
26 05 29 00-0409		**Carbon Steel Threaded Rod** *(26 05 29 00-0408)*		
		Note: Includes plain finish.		
26 05 29 00-0410	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.65	0.72
		For Galvanized, Add	*0.88*	
		For Zinc Coated, Add	*0.63*	
26 05 29 00-0411	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.04	0.77
		For Galvanized, Add	*1.40*	
		For Zinc Coated, Add	*1.00*	
26 05 29 00-0412	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.03	0.79
		For Galvanized, Add	*2.18*	
		For Zinc Coated, Add	*1.55*	
26 05 29 00-0413	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.53	0.81
		For Galvanized, Add	*3.96*	
		For Zinc Coated, Add	*2.82*	
26 05 29 00-0414	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.56	0.85
		For Galvanized, Add	*4.35*	
		For Zinc Coated, Add	*3.10*	
26 05 29 00-0415	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.19	0.96
		For Galvanized, Add	*6.11*	
		For Zinc Coated, Add	*4.35*	
26 05 29 00-0416	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.38	1.07
		For Galvanized, Add	*7.70*	
		For Zinc Coated, Add	*5.49*	
26 05 29 00-0417		**Threaded Rod Couplings** *(26 05 29 00-0408)*		
26 05 29 00-0418	EA	3/8" Diameter, Threaded Rod Coupling Nut	9.21	
26 05 29 00-0419	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.44	
26 05 29 00-0420	EA	5/8" Diameter, Threaded Rod Coupling Nut	13.00	
26 05 29 00-0421	EA	3/4" Diameter, Threaded Rod Coupling Nut	15.79	
26 05 29 00-0422	EA	7/8" Diameter, Threaded Rod Coupling Nut	22.99	
26 05 29 00-0423	EA	1" Diameter, Threaded Rod Coupling Nut	27.26	
26 05 29 00-0424	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	51.70	
26 05 29 00-0425		**Flat Washers** *(26 05 29 00-0408)*		
26 05 29 00-0426	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.78	0.29
		For Galvanized, Add	*0.03*	
26 05 29 00-0427	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.01	0.29
		For Galvanized, Add	*0.07*	
26 05 29 00-0428	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.31	0.29
		For Galvanized, Add	*0.14*	
26 05 29 00-0429	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.61	0.57
		For Galvanized, Add	*0.20*	
26 05 29 00-0430	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.81	0.57
		For Galvanized, Add	*0.24*	
26 05 29 00-0431	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.14	0.57
		For Galvanized, Add	*0.30*	
26 05 29 00-0432	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.40	0.57
		For Galvanized, Add	*0.33*	
26 05 29 00-0433		**Malleable Iron Eye Sockets** *(26 05 29 00-0408)*		
		Note: Type 16.		
26 05 29 00-0434	EA	3/8" Rod Size, Malleable Iron Eye Socket	13.36	
26 05 29 00-0435	EA	1/2" Rod Size, Malleable Iron Eye Socket	16.15	
26 05 29 00-0436	EA	5/8" Rod Size, Malleable Iron Eye Socket	29.15	
26 05 29 00-0437	EA	3/4" Rod Size, Malleable Iron Eye Socket	42.11	
26 05 29 00-0438	EA	7/8" Rod Size, Malleable Iron Eye Socket	44.74	
26 05 29 00-0439		**Hex Nuts** *(26 05 29 00-0408)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0440	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.76	0.29
		For Galvanized, Add	*0.03*	
26 05 29 00-0441	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.97	0.29
		For Galvanized, Add	*0.06*	
26 05 29 00-0442	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.31	0.29
		For Galvanized, Add	*0.14*	
26 05 29 00-0443	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.56	0.57
		For Galvanized, Add	*0.19*	
26 05 29 00-0444	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.27	0.57
		For Galvanized, Add	*0.36*	
26 05 29 00-0445	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.89	0.57
		For Galvanized, Add	*0.48*	
26 05 29 00-0446	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.72	0.57
		For Galvanized, Add	*0.91*	

26 05 29 00-0447 Forged Steel Turnbuckles *(26 05 29 00-0408)*

Note: Type 13.

26 05 29 00-0448	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	32.04	
26 05 29 00-0449	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	40.06	
26 05 29 00-0450	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	54.55	
26 05 29 00-0451	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	67.95	
26 05 29 00-0452	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	174.36	
26 05 29 00-0453	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	112.63	
26 05 29 00-0454	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	232.29	

26 05 29 00-0455 Attachments *(26 05 29 00-0407)*

26 05 29 00-0456 Welded Beam Attachments *(26 05 29 00-0455)*

Note: Type 22.

26 05 29 00-0457	EA	3/8" Rod Size, Welded Beam Attachment	58.19	11.50
26 05 29 00-0458	EA	1/2" Rod Size, Welded Beam Attachment	62.16	12.07
26 05 29 00-0459	EA	5/8" Rod Size, Welded Beam Attachment	66.24	12.76
26 05 29 00-0460	EA	3/4" Rod Size, Welded Beam Attachment	85.98	13.57
26 05 29 00-0461	EA	7/8" Rod Size, Welded Beam Attachment	104.16	14.37
26 05 29 00-0462	EA	1" Rod Size, Welded Beam Attachment	147.98	16.44
26 05 29 00-0463	EA	1-1/8" Rod Size, Welded Beam Attachment	212.77	17.24

26 05 29 00-0464 C-Clamp Style Beam Clamps *(26 05 29 00-0455)*

Note: Type 23. Top or bottom flange mount.

26 05 29 00-0465	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	18.72	8.64
26 05 29 00-0466	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	22.81	9.22
26 05 29 00-0467	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	26.15	9.88
26 05 29 00-0468	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	34.54	10.63
26 05 29 00-0469	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	51.87	11.52

26 05 29 00-0470 Bottom Mount I-Beam Clamps *(26 05 29 00-0455)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

26 05 29 00-0471	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	57.00	11.52
26 05 29 00-0472	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	85.72	12.58
26 05 29 00-0473	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	124.31	13.83
26 05 29 00-0474	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	149.32	15.36
26 05 29 00-0475	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	370.38	17.28

26 05 29 00-0476 Steel U-Bolts *(26 05 29 00-0455)*

Note: Type 24. Includes plate and nuts.

26 05 29 00-0477	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	15.31	6.91
26 05 29 00-0478	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	16.71	7.27
26 05 29 00-0479	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	18.06	7.69
26 05 29 00-0480	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	20.79	8.14
26 05 29 00-0481	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	21.37	8.64
26 05 29 00-0482	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	22.87	9.22
26 05 29 00-0483	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	34.46	9.88
26 05 29 00-0484	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	38.10	10.63
26 05 29 00-0485	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	46.62	11.52

26 05 29 00-0486 Stainless Steel Threaded Rod *(26 05 29 00-0407)*

26 05 29 00-0487	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.42	0.57
		For 316 Stainless Steel, Add	*0.92*	
26 05 29 00-0488	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.13	0.63
		For 316 Stainless Steel, Add	*1.56*	
26 05 29 00-0489	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.59	0.72
		For 316 Stainless Steel, Add	*2.09*	
26 05 29 00-0490	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.15	0.74
		For 316 Stainless Steel, Add	*3.10*	
26 05 29 00-0491	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	10.97	0.77
		For 316 Stainless Steel, Add	*3.82*	
26 05 29 00-0492	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.43	0.78
		For 316 Stainless Steel, Add	*6.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0493	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	22.99	0.79
		For 316 Stainless Steel, Add	*8.67*	
26 05 29 00-0494	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	31.63	0.81
		For 316 Stainless Steel, Add	*12.15*	
26 05 29 00-0495	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.64	0.96
		For 316 Stainless Steel, Add	*15.68*	
26 05 29 00-0496	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	86.00	1.16
		For 316 Stainless Steel, Add	*33.86*	

26 05 29 00-0497 Polyvinyl Chloride (PVC) Coated Supports *(26 05 29)*

Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.

26 05 29 00-0498 Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0497)*

26 05 29 00-0499 Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0498)*

26 05 29 00-0500	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	62.17	22.99
26 05 29 00-0501	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	67.57	25.06
26 05 29 00-0502	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	72.05	27.59
26 05 29 00-0503	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	86.53	30.70
26 05 29 00-0504	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.01	34.49
26 05 29 00-0505	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	119.76	37.93
26 05 29 00-0506	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	130.97	41.38
26 05 29 00-0507	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	144.27	44.84
26 05 29 00-0508	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	152.32	48.28
26 05 29 00-0509	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	164.66	51.73

26 05 29 00-0510 Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0498)*

26 05 29 00-0511	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	66.77	22.99
26 05 29 00-0512	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	70.69	25.06
26 05 29 00-0513	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	81.40	27.59
26 05 29 00-0514	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	89.85	30.70
26 05 29 00-0515	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	101.29	34.49
26 05 29 00-0516	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	117.56	37.93
26 05 29 00-0517	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	135.13	41.38
26 05 29 00-0518	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	149.79	44.84
26 05 29 00-0519	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	159.25	48.28
26 05 29 00-0520	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	165.58	51.73

26 05 29 00-0521 Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0498)*

26 05 29 00-0522	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	63.03	22.76
26 05 29 00-0523	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	67.76	24.83
26 05 29 00-0524	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	76.75	27.59
26 05 29 00-0525	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	90.12	30.35
26 05 29 00-0526	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	117.62	34.49
26 05 29 00-0527	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	128.94	37.93

26 05 29 00-0528 Polyvinyl Chloride (PVC) Coated Conduit Straps *(26 05 29 00-0497)*

26 05 29 00-0529 One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0528)*

26 05 29 00-0530	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.71	0.69
26 05 29 00-0531	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	8.37	0.69
26 05 29 00-0532	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.31	0.69
26 05 29 00-0533	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.97	0.69
26 05 29 00-0534	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.71	0.69
26 05 29 00-0535	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	29.61	0.69
26 05 29 00-0536	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	39.45	0.69
26 05 29 00-0537	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	52.85	0.69
26 05 29 00-0538	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	93.54	0.69
26 05 29 00-0539	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	99.41	0.69

26 05 29 00-0540 Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0528)*

26 05 29 00-0541	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.19	1.37
26 05 29 00-0542	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.26	1.37
26 05 29 00-0543	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.66	1.37
26 05 29 00-0544	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.71	1.37
26 05 29 00-0545	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	20.26	1.37
26 05 29 00-0546	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	23.25	1.37
26 05 29 00-0547	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	26.16	1.37
26 05 29 00-0548	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	27.35	1.37
26 05 29 00-0549	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	29.21	1.37
26 05 29 00-0550	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.69	1.37

26 05 29 00-0551 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0497)*

26 05 29 00-0552 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0551)*

26 05 29 00-0553	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	13.77	1.37
26 05 29 00-0554	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	16.03	1.37
26 05 29 00-0555	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	20.18	1.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0556	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	23.61	1.37
26 05 29 00-0557	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	31.63	1.37
26 05 29 00-0558	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	56.24	1.37
26 05 29 00-0559	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	77.75	1.37
26 05 29 00-0560	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	106.19	1.37
26 05 29 00-0561	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	185.91	1.37
26 05 29 00-0562	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	185.91	1.37
26 05 29 00-0563		Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories *(26 05 29 00-0497)*		
26 05 29 00-0564		Polyvinyl Chloride (PVC) Coated Threaded Rod *(26 05 29 00-0563)*		
26 05 29 00-0565	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	9.50	0.93
26 05 29 00-0566	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	11.71	1.04
26 05 29 00-0567		Attachments *(26 05 29 00-0497)*		
26 05 29 00-0568		Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts *(26 05 29 00-0567)*		
26 05 29 00-0569	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.35	6.91
26 05 29 00-0570	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.95	7.26
26 05 29 00-0571	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.96	7.73
26 05 29 00-0572	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	21.25	8.18
26 05 29 00-0573	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	22.63	8.64
26 05 29 00-0574	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	25.44	9.22
26 05 29 00-0575	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	36.82	9.91
26 05 29 00-0576	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	38.62	10.60
26 05 29 00-0577	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	41.16	11.53
26 05 29 00-0578	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	67.30	13.14
26 05 29 00-0579	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	83.45	15.21
26 05 29 00-0580		Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps *(26 05 29 00-0567)*		
26 05 29 00-0581	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	63.71	22.76
26 05 29 00-0582	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	74.68	22.76
26 05 29 00-0583	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	79.20	22.76
26 05 29 00-0584	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	87.41	24.14
26 05 29 00-0585	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	102.38	27.59
26 05 29 00-0586		Polyvinyl Chloride (PVC) Coated Pipe Straps *(26 05 29 00-0567)* Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0587	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	23.45	7.59
26 05 29 00-0588	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	24.63	8.28
26 05 29 00-0589	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.84	8.97
26 05 29 00-0590	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	30.17	10.35
26 05 29 00-0591	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	34.55	11.72
26 05 29 00-0592	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	38.50	12.41
26 05 29 00-0593	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	42.53	13.80
26 05 29 00-0594	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	50.74	15.17
26 05 29 00-0595	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	55.58	15.87
26 05 29 00-0596	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	58.32	17.24
26 05 29 00-0597	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	62.20	19.31
26 05 29 00-0598		Polyvinyl Chloride (PVC) Coated Channel *(26 05 29 00-0497)*		
26 05 29 00-0599	LF	A12, Polyvinyl Chloride (PVC) Coated Channel	24.85	3.45
26 05 29 00-0600	LF	A12A, Polyvinyl Chloride (PVC) Coated Channel	44.16	4.83
26 05 29 00-0601	LF	A12P, Polyvinyl Chloride (PVC) Coated Channel	26.56	3.45
26 05 29 00-0602	LF	C14, Polyvinyl Chloride (PVC) Coated Channel	19.59	3.45
26 05 29 00-0603	LF	C14P, Polyvinyl Chloride (PVC) Coated Channel	20.65	3.45
26 05 29 00-0604		Polymer Concrete Pads *(26 05 29)* Note: Excludes excavation and backfill.		
26 05 29 00-0605		Polymer Concrete, Box Pads *(26 05 29 00-0604)*		
26 05 29 00-0606	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,436.66	141.17
26 05 29 00-0607	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,484.35	141.17
26 05 29 00-0608	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,922.66	141.17
26 05 29 00-0609	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,995.34	141.17
26 05 29 00-0610	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,855.01	141.17
26 05 29 00-0611	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	2,198.21	141.17
26 05 29 00-0612	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,461.37	141.17
26 05 29 00-0613	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,359.85	176.46
26 05 29 00-0614	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,589.41	176.46
26 05 29 00-0615	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,825.05	176.46
26 05 29 00-0616		Polymer Concrete, Telecommunications Equipment Pads *(26 05 29 00-0604)*		
26 05 29 00-0617	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	696.71	78.54
26 05 29 00-0618	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	827.01	78.54
26 05 29 00-0619	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,065.95	105.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0620	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,114.38	105.88
26 05 29 00-0621	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,607.35	105.88
26 05 29 00-0622	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,675.87	105.88
26 05 29 00-0623	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,803.54	105.88
26 05 29 00-0624	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,803.54	105.88
26 05 29 00-0625	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,407.44	105.88
26 05 29 00-0626	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,865.10	105.88

26 05 29 00-0627 Polymer Concrete, Electrical Equipment Pads *(26 05 29 00-0604)*

26 05 29 00-0628	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	420.74	78.54
26 05 29 00-0629	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	454.23	78.54
26 05 29 00-0630	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	484.75	78.54
26 05 29 00-0631	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	586.10	78.54
26 05 29 00-0632	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	540.87	78.54
26 05 29 00-0633	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	562.19	78.54
26 05 29 00-0634	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	617.44	78.54
26 05 29 00-0635	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	649.67	78.54
26 05 29 00-0636	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	757.32	78.54
26 05 29 00-0637	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	934.63	78.54
26 05 29 00-0638	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,369.86	105.88
26 05 29 00-0639	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,434.66	105.88
26 05 29 00-0640	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,455.11	105.88
26 05 29 00-0641	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,591.35	105.88
26 05 29 00-0642	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,413.59	105.88
26 05 29 00-0643	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	4,023.96	105.88

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire *(26 05 33 13)*

Note: Includes conduit, field bending conduit up to and including 1", fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0250 for larger copper conducter, 26 05 33 13-0599 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	875.94	256.71
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*220.08*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	958.06	278.77
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*238.98*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,040.17	300.83
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*257.89*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*3.82*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	926.64	267.75
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*229.53*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,028.86	293.48
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*251.59*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conducter	1,131.06	319.21
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*273.65*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0009	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,041.75	289.80
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*248.44*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*4.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	977.81	276.77
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*237.22*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,059.93	298.83
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*256.13*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,142.04	320.89
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*275.03*	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,224.17	342.95
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*293.94*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,028.51	287.81
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*246.67*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,130.72	313.54
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*268.73*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,232.93	339.27
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*290.79*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,335.15	365.01
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*312.85*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,288.08	342.95
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*293.94*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,432.53	376.04
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*322.30*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*9.99*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,293.13	331.92
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*284.49*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.26*	
26 05 33 13-0021	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,491.22	372.37
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*319.15*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,122.78	297.89
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*255.37*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,204.89	319.94
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*274.28*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,287.00	342.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*293.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,369.13	364.06
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*312.09*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,173.48	308.92
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*264.83*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,275.69	334.65
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*286.88*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,377.90	360.39
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*308.94*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,480.11	386.12
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*331.00*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,433.04	364.06
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*312.09*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,636.18	393.47
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*337.30*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,834.27	433.91
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*371.96*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*16.51*	

26 05 33 13-0033 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0250 for larger copper conducter, 26 05 33 13-0060 for larger RGS conduit.

26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,160.11	292.21
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*250.45*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,242.23	314.27
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*269.36*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,210.81	303.25
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*259.91*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,313.02	328.98
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*281.96*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0038	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,325.91	325.31
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*278.81*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*4.99*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,278.17	311.65
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*267.09*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,360.28	333.71
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*286.00*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,442.40	355.77
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*304.91*	
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,328.85	322.68
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*276.54*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,431.08	348.41
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*298.61*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,533.29	374.14
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*320.66*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,588.42	377.83
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*323.81*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,732.88	410.91
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*352.17*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*9.99*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,593.47	366.79
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*314.36*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.26*	
26 05 33 13-0048	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,791.56	407.24
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*349.02*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,651.10	372.15
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*318.99*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,733.22	394.21
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*337.90*	
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,815.34	416.27
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*356.81*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,721.90	386.85
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*331.60*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,824.10	412.59
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*353.65*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,926.32	438.32
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*375.71*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,879.25	416.27
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*356.81*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,082.39	445.68
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*382.01*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0057	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,280.48	486.11
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*416.68*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*16.51*	

26 05 33 13-0058 Conduit *(26 05 33 13)*

Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

26 05 33 13-0059 Conduit Installed Above Grade *(26 05 33 13-0058)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0060		Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0059)* Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0061		Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0060)* Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".		
26 05 33 13-0062	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	8.33	2.31
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-0.69*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.15*	
		For Elevated Installation >20' To 25', Add	*1.44*	
		For Elevated Installation >25' To 30', Add	*2.02*	
		For Elevated Installation >30' To 35', Add	*2.31*	
		For Elevated Installation >35' To 40', Add	*2.89*	
		For Elevated Installation >40', Add	*3.17*	
26 05 33 13-0063	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.89	2.52
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.82*	
		For Installation In Metal Stud Wall, Add	*0.67*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.68*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.01*	
		For Work In Restricted Working Space, Add	*2.02*	
		For Elevated Installation >10' To 15', Add	*0.67*	
		For Elevated Installation >15' To 20', Add	*1.35*	
		For Elevated Installation >20' To 25', Add	*1.68*	
		For Elevated Installation >25' To 30', Add	*2.36*	
		For Elevated Installation >30' To 35', Add	*2.69*	
		For Elevated Installation >35' To 40', Add	*3.37*	
		For Elevated Installation >40', Add	*3.70*	
26 05 33 13-0064	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	13.92	2.94
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.17*	
		For Installation In Metal Stud Wall, Add	*0.90*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.26*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.71*	
		For Elevated Installation >10' To 15', Add	*0.90*	
		For Elevated Installation >15' To 20', Add	*1.81*	
		For Elevated Installation >20' To 25', Add	*2.26*	
		For Elevated Installation >25' To 30', Add	*3.16*	
		For Elevated Installation >30' To 35', Add	*3.62*	
		For Elevated Installation >35' To 40', Add	*4.52*	
		For Elevated Installation >40', Add	*4.97*	
26 05 33 13-0065	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	16.07	3.36
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.37*	
		For Installation In Metal Stud Wall, Add	*0.96*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.39*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.43*	
		For Work In Restricted Working Space, Add	*2.87*	
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
26 05 33 13-0066	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	18.48	3.79
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.59*	
		For Installation In Metal Stud Wall, Add	*1.05*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.63*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0067	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	23.59	4.62
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.04*	
		For Installation In Metal Stud Wall, Add	*1.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.23*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.94*	
		For Work In Restricted Working Space, Add	*3.88*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.23*	
		For Elevated Installation >25' To 30', Add	*4.52*	
		For Elevated Installation >30' To 35', Add	*5.17*	
		For Elevated Installation >35' To 40', Add	*6.46*	
		For Elevated Installation >40', Add	*7.11*	
26 05 33 13-0068	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	35.22	6.31
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.08*	
		For Installation In Metal Stud Wall, Add	*1.75*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.39*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.63*	
		For Work In Restricted Working Space, Add	*5.26*	
		For Elevated Installation >10' To 15', Add	*1.75*	
		For Elevated Installation >15' To 20', Add	*3.51*	
		For Elevated Installation >20' To 25', Add	*4.39*	
		For Elevated Installation >25' To 30', Add	*6.14*	
		For Elevated Installation >30' To 35', Add	*7.02*	
		For Elevated Installation >35' To 40', Add	*8.77*	
		For Elevated Installation >40', Add	*9.65*	
26 05 33 13-0069	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	46.13	8.40
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-4.02*	
		For Installation In Metal Stud Wall, Add	*2.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.91*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.09*	
		For Elevated Installation >10' To 15', Add	*2.36*	
		For Elevated Installation >15' To 20', Add	*4.73*	
		For Elevated Installation >20' To 25', Add	*5.91*	
		For Elevated Installation >25' To 30', Add	*8.27*	
		For Elevated Installation >30' To 35', Add	*9.45*	
		For Elevated Installation >35' To 40', Add	*11.82*	
		For Elevated Installation >40', Add	*13.00*	
26 05 33 13-0070	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	55.49	10.50
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.85*	
		For Installation In Metal Stud Wall, Add	*2.80*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.01*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.21*	
		For Work In Restricted Working Space, Add	*8.41*	
		For Elevated Installation >10' To 15', Add	*2.80*	
		For Elevated Installation >15' To 20', Add	*5.61*	
		For Elevated Installation >20' To 25', Add	*7.01*	
		For Elevated Installation >25' To 30', Add	*9.81*	
		For Elevated Installation >30' To 35', Add	*11.22*	
		For Elevated Installation >35' To 40', Add	*14.02*	
		For Elevated Installation >40', Add	*15.42*	
26 05 33 13-0071	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	65.88	12.60
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-4.13*	
		For >1,000, Deduct	*-5.78*	
		For Installation In Metal Stud Wall, Add	*3.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*8.09*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.71*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.47*	
		For Elevated Installation >20' To 25', Add	*8.09*	
		For Elevated Installation >25' To 30', Add	*11.32*	
		For Elevated Installation >30' To 35', Add	*12.94*	
		For Elevated Installation >35' To 40', Add	*16.18*	
		For Elevated Installation >40', Add	*17.79*	
26 05 33 13-0072	LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	104.64	15.96
		For >250 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-6.85*	
		For >1,000, Deduct	*-9.47*	
		For Installation In Metal Stud Wall, Add	*3.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*9.98*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*5.99*	
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0073	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	141.41	20.17
		For >250 To 500, Deduct	*-4.55*	
		For >500 To 1,000, Deduct	*-9.35*	
		For >1,000, Deduct	*-12.88*	
		For Installation In Metal Stud Wall, Add	*5.04*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*12.61*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
26 05 33 13-0074		**Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow** *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0075	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	31.84	10.40
		For Work In Restricted Working Space, Add	*7.82*	
		For Elevated Installation >10' To 15', Add	*2.61*	
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Elevated Installation >20' To 25', Add	*6.52*	
		For Elevated Installation >25' To 30', Add	*9.13*	
		For Elevated Installation >30' To 35', Add	*10.43*	
		For Elevated Installation >35' To 40', Add	*13.04*	
		For Elevated Installation >40', Add	*14.34*	
26 05 33 13-0076	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	40.02	12.92
		For Work In Restricted Working Space, Add	*9.73*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.48*	
		For Elevated Installation >20' To 25', Add	*8.11*	
		For Elevated Installation >25' To 30', Add	*11.35*	
		For Elevated Installation >30' To 35', Add	*12.97*	
		For Elevated Installation >35' To 40', Add	*16.21*	
		For Elevated Installation >40', Add	*17.83*	
26 05 33 13-0077	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	51.23	15.86
		For Work In Restricted Working Space, Add	*11.86*	
		For Elevated Installation >10' To 15', Add	*3.95*	
		For Elevated Installation >15' To 20', Add	*7.91*	
		For Elevated Installation >20' To 25', Add	*9.89*	
		For Elevated Installation >25' To 30', Add	*13.84*	
		For Elevated Installation >30' To 35', Add	*15.82*	
		For Elevated Installation >35' To 40', Add	*19.77*	
		For Elevated Installation >40', Add	*21.75*	
26 05 33 13-0078	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	65.90	18.38
		For Work In Restricted Working Space, Add	*13.77*	
		For Elevated Installation >10' To 15', Add	*4.59*	
		For Elevated Installation >15' To 20', Add	*9.18*	
		For Elevated Installation >20' To 25', Add	*11.48*	
		For Elevated Installation >25' To 30', Add	*16.07*	
		For Elevated Installation >30' To 35', Add	*18.36*	
		For Elevated Installation >35' To 40', Add	*22.96*	
		For Elevated Installation >40', Add	*25.25*	
26 05 33 13-0079	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	76.54	21.11
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.99*	
26 05 33 13-0080	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	90.75	23.21
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.29*	
		For Elevated Installation >30' To 35', Add	*23.19*	
		For Elevated Installation >35' To 40', Add	*28.99*	
		For Elevated Installation >40', Add	*31.88*	
26 05 33 13-0081	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	130.88	28.99
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0082	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	185.70	39.50
		For Work In Restricted Working Space, Add	*29.62*	
		For Elevated Installation >10' To 15', Add	*9.87*	
		For Elevated Installation >15' To 20', Add	*19.75*	
		For Elevated Installation >20' To 25', Add	*24.68*	
		For Elevated Installation >25' To 30', Add	*34.56*	
		For Elevated Installation >30' To 35', Add	*39.49*	
		For Elevated Installation >35' To 40', Add	*49.37*	
		For Elevated Installation >40', Add	*54.30*	
26 05 33 13-0083	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	247.32	44.54
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.98*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.25*	
26 05 33 13-0084	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	301.61	57.98
		For Work In Restricted Working Space, Add	*43.48*	
		For Elevated Installation >10' To 15', Add	*14.49*	
		For Elevated Installation >15' To 20', Add	*28.98*	
		For Elevated Installation >20' To 25', Add	*36.23*	
		For Elevated Installation >25' To 30', Add	*50.72*	
		For Elevated Installation >30' To 35', Add	*57.97*	
		For Elevated Installation >35' To 40', Add	*72.46*	
		For Elevated Installation >40', Add	*79.71*	
26 05 33 13-0085	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	493.45	94.53
		For Work In Restricted Working Space, Add	*70.91*	
		For Elevated Installation >10' To 15', Add	*23.64*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.18*	
		For Elevated Installation >40', Add	*129.99*	
26 05 33 13-0086	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	741.86	142.01
		For Work In Restricted Working Space, Add	*106.50*	
		For Elevated Installation >10' To 15', Add	*35.50*	
		For Elevated Installation >15' To 20', Add	*71.00*	
		For Elevated Installation >20' To 25', Add	*88.75*	
		For Elevated Installation >25' To 30', Add	*124.25*	
		For Elevated Installation >30' To 35', Add	*142.00*	
		For Elevated Installation >35' To 40', Add	*177.51*	
		For Elevated Installation >40', Add	*195.26*	
26 05 33 13-0087		Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0088	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	31.84	10.40
		For Work In Restricted Working Space, Add	*7.82*	
		For Elevated Installation >10' To 15', Add	*2.61*	
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Elevated Installation >20' To 25', Add	*6.52*	
		For Elevated Installation >25' To 30', Add	*9.13*	
		For Elevated Installation >30' To 35', Add	*10.43*	
		For Elevated Installation >35' To 40', Add	*13.04*	
		For Elevated Installation >40', Add	*14.34*	
26 05 33 13-0089	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	40.02	12.92
		For Work In Restricted Working Space, Add	*9.73*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.48*	
		For Elevated Installation >20' To 25', Add	*8.11*	
		For Elevated Installation >25' To 30', Add	*11.35*	
		For Elevated Installation >30' To 35', Add	*12.97*	
		For Elevated Installation >35' To 40', Add	*16.21*	
		For Elevated Installation >40', Add	*17.83*	
26 05 33 13-0090	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	51.23	15.86
		For Work In Restricted Working Space, Add	*11.86*	
		For Elevated Installation >10' To 15', Add	*3.95*	
		For Elevated Installation >15' To 20', Add	*7.91*	
		For Elevated Installation >20' To 25', Add	*9.89*	
		For Elevated Installation >25' To 30', Add	*13.84*	
		For Elevated Installation >30' To 35', Add	*15.82*	
		For Elevated Installation >35' To 40', Add	*19.77*	
		For Elevated Installation >40', Add	*21.75*	
26 05 33 13-0091	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	65.90	18.38
		For Work In Restricted Working Space, Add	*13.77*	
		For Elevated Installation >10' To 15', Add	*4.59*	
		For Elevated Installation >15' To 20', Add	*9.18*	
		For Elevated Installation >20' To 25', Add	*11.48*	
		For Elevated Installation >25' To 30', Add	*16.07*	
		For Elevated Installation >30' To 35', Add	*18.36*	
		For Elevated Installation >35' To 40', Add	*22.96*	
		For Elevated Installation >40', Add	*25.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0092	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	76.55	21.11
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.99*	
26 05 33 13-0093	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	90.75	23.21
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.29*	
		For Elevated Installation >30' To 35', Add	*23.19*	
		For Elevated Installation >35' To 40', Add	*28.99*	
		For Elevated Installation >40', Add	*31.88*	
26 05 33 13-0094	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	128.51	28.99
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
26 05 33 13-0095	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	176.46	39.50
		For Work In Restricted Working Space, Add	*29.62*	
		For Elevated Installation >10' To 15', Add	*9.87*	
		For Elevated Installation >15' To 20', Add	*19.75*	
		For Elevated Installation >20' To 25', Add	*24.68*	
		For Elevated Installation >25' To 30', Add	*34.56*	
		For Elevated Installation >30' To 35', Add	*39.49*	
		For Elevated Installation >35' To 40', Add	*49.37*	
		For Elevated Installation >40', Add	*54.30*	
26 05 33 13-0096	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	234.33	44.54
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.98*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.25*	
26 05 33 13-0097	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	284.33	57.98
		For Work In Restricted Working Space, Add	*43.48*	
		For Elevated Installation >10' To 15', Add	*14.49*	
		For Elevated Installation >15' To 20', Add	*28.98*	
		For Elevated Installation >20' To 25', Add	*36.23*	
		For Elevated Installation >25' To 30', Add	*50.72*	
		For Elevated Installation >30' To 35', Add	*57.97*	
		For Elevated Installation >35' To 40', Add	*72.46*	
		For Elevated Installation >40', Add	*79.71*	
26 05 33 13-0098	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	493.45	94.53
		For Work In Restricted Working Space, Add	*70.91*	
		For Elevated Installation >10' To 15', Add	*23.64*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.18*	
		For Elevated Installation >40', Add	*129.99*	
26 05 33 13-0099	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	741.86	142.01
		For Work In Restricted Working Space, Add	*106.50*	
		For Elevated Installation >10' To 15', Add	*35.50*	
		For Elevated Installation >15' To 20', Add	*71.00*	
		For Elevated Installation >20' To 25', Add	*88.75*	
		For Elevated Installation >25' To 30', Add	*124.25*	
		For Elevated Installation >30' To 35', Add	*142.00*	
		For Elevated Installation >35' To 40', Add	*177.51*	
		For Elevated Installation >40', Add	*195.26*	

26 05 33 13-0100 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0101	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	79.73	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0102	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	91.86	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0103	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	106.34	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0104	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	119.96	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	

26 05 33 13-0105 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0106	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	86.96	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
26 05 33 13-0107	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	101.14	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0108	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	110.57	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0109	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	124.68	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0110	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	166.18	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0111	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	223.53	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	

26 05 33 13-0112 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2319 for conduit field bending.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0113	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	87.30	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
26 05 33 13-0114	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	100.23	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0115	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	115.14	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0116	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	134.91	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0117	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	175.71	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0118	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	231.22	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0119	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	290.13	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0120	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	350.89	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
26 05 33 13-0121		Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0122	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	98.81	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0123	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	111.52	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0124	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	123.60	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0125	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	147.38	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0126	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	192.72	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0127	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	257.88	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0128	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	316.05	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0129	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	371.56	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	

26 05 33 13-0130 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0131	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	98.11	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
26 05 33 13-0132	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	119.92	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0133	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	132.70	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0134	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	159.27	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0135	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	209.04	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0136	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	278.94	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0137	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	341.68	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0138	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	409.49	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
26 05 33 13-0139	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	591.17	153.62
		For Work In Restricted Working Space, Add	*92.17*	
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.90*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	

26 05 33 13-0140 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0141	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	104.26	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
26 05 33 13-0142	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	124.06	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0143	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	148.63	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0144	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	168.55	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0145	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	228.39	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0146	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	296.95	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0147	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	374.78	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0148	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	427.34	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
26 05 33 13-0149	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	736.78	153.62
		For Work In Restricted Working Space, Add	*92.17*	
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.90*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
26 05 33 13-0150	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	933.43	230.77
		For Work In Restricted Working Space, Add	*138.46*	
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
26 05 33 13-0151		Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0152	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	113.27	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0153	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	135.06	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0154	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	160.33	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0155	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	180.78	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0156	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	243.19	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0157	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	323.33	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0158	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	401.24	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0159	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	503.48	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
26 05 33 13-0160	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	841.82	153.62
		For Work In Restricted Working Space, Add	*92.17*	
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.90*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
26 05 33 13-0161	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,024.39	230.77
		For Work In Restricted Working Space, Add	*138.46*	
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	

26 05 33 13-0162 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0060)*
See CSI section 26 05 33 13-2319 for conduit field bending.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0163	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	120.77	25.94
		For Work In Restricted Working Space, Add	*15.57*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
26 05 33 13-0164	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	143.54	30.04
		For Work In Restricted Working Space, Add	*18.02*	
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
26 05 33 13-0165	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	167.72	34.14
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
26 05 33 13-0166	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	203.62	37.55
		For Work In Restricted Working Space, Add	*22.53*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
26 05 33 13-0167	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	270.49	47.11
		For Work In Restricted Working Space, Add	*28.27*	
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
26 05 33 13-0168	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	349.92	64.18
		For Work In Restricted Working Space, Add	*38.51*	
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
26 05 33 13-0169	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	434.51	72.37
		For Work In Restricted Working Space, Add	*43.42*	
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
26 05 33 13-0170	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	543.90	94.22
		For Work In Restricted Working Space, Add	*56.53*	
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
26 05 33 13-0171	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	874.71	153.62
		For Work In Restricted Working Space, Add	*92.17*	
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.90*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0172	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,042.79	230.77
		For Work In Restricted Working Space, Add	*138.46*	
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	

26 05 33 13-0173 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0060)*

26 05 33 13-0174	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.80	6.70
		For Work In Restricted Working Space, Add	*4.02*	
		For Elevated Installation >10' To 15', Add	*1.34*	
		For Elevated Installation >15' To 20', Add	*2.68*	
		For Elevated Installation >20' To 25', Add	*3.35*	
		For Elevated Installation >25' To 30', Add	*4.69*	
		For Elevated Installation >30' To 35', Add	*5.36*	
		For Elevated Installation >35' To 40', Add	*6.70*	
		For Elevated Installation >40', Add	*7.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.02*	
26 05 33 13-0175	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.83	7.14
		For Work In Restricted Working Space, Add	*4.29*	
		For Elevated Installation >10' To 15', Add	*1.43*	
		For Elevated Installation >15' To 20', Add	*2.86*	
		For Elevated Installation >20' To 25', Add	*3.57*	
		For Elevated Installation >25' To 30', Add	*5.00*	
		For Elevated Installation >30' To 35', Add	*5.72*	
		For Elevated Installation >35' To 40', Add	*7.15*	
		For Elevated Installation >40', Add	*7.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.29*	
26 05 33 13-0176	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.88	8.03
		For Work In Restricted Working Space, Add	*4.82*	
		For Elevated Installation >10' To 15', Add	*1.61*	
		For Elevated Installation >15' To 20', Add	*3.21*	
		For Elevated Installation >20' To 25', Add	*4.02*	
		For Elevated Installation >25' To 30', Add	*5.62*	
		For Elevated Installation >30' To 35', Add	*6.43*	
		For Elevated Installation >35' To 40', Add	*8.04*	
		For Elevated Installation >40', Add	*8.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-0177	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	19.03	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-0178	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	23.93	11.16
		For Work In Restricted Working Space, Add	*6.70*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.46*	
		For Elevated Installation >20' To 25', Add	*5.58*	
		For Elevated Installation >25' To 30', Add	*7.81*	
		For Elevated Installation >30' To 35', Add	*8.93*	
		For Elevated Installation >35' To 40', Add	*11.16*	
		For Elevated Installation >40', Add	*12.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.70*	
26 05 33 13-0179	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	29.78	13.39
		For Work In Restricted Working Space, Add	*8.04*	
		For Elevated Installation >10' To 15', Add	*2.68*	
		For Elevated Installation >15' To 20', Add	*5.36*	
		For Elevated Installation >20' To 25', Add	*6.70*	
		For Elevated Installation >25' To 30', Add	*9.38*	
		For Elevated Installation >30' To 35', Add	*10.72*	
		For Elevated Installation >35' To 40', Add	*13.40*	
		For Elevated Installation >40', Add	*14.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0180	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	37.85	15.62
		For Work In Restricted Working Space, Add	*9.38*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.25*	
		For Elevated Installation >20' To 25', Add	*7.81*	
		For Elevated Installation >25' To 30', Add	*10.94*	
		For Elevated Installation >30' To 35', Add	*12.50*	
		For Elevated Installation >35' To 40', Add	*15.63*	
		For Elevated Installation >40', Add	*17.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0181	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	42.67	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0182	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	49.84	16.81
		For Work In Restricted Working Space, Add	*12.05*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.05*	
		For Elevated Installation >25' To 30', Add	*14.06*	
		For Elevated Installation >30' To 35', Add	*16.07*	
		For Elevated Installation >35' To 40', Add	*20.09*	
		For Elevated Installation >40', Add	*22.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	
26 05 33 13-0183	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	55.29	22.32
		For Work In Restricted Working Space, Add	*13.39*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.93*	
		For Elevated Installation >20' To 25', Add	*11.16*	
		For Elevated Installation >25' To 30', Add	*15.62*	
		For Elevated Installation >30' To 35', Add	*17.86*	
		For Elevated Installation >35' To 40', Add	*22.32*	
		For Elevated Installation >40', Add	*24.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.39*	
26 05 33 13-0184	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	67.26	24.55
		For Work In Restricted Working Space, Add	*14.73*	
		For Elevated Installation >10' To 15', Add	*4.91*	
		For Elevated Installation >15' To 20', Add	*9.82*	
		For Elevated Installation >20' To 25', Add	*12.28*	
		For Elevated Installation >25' To 30', Add	*17.19*	
		For Elevated Installation >30' To 35', Add	*19.64*	
		For Elevated Installation >35' To 40', Add	*24.56*	
		For Elevated Installation >40', Add	*27.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.73*	
26 05 33 13-0185	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	99.52	26.79
		For Work In Restricted Working Space, Add	*16.07*	
		For Elevated Installation >10' To 15', Add	*5.36*	
		For Elevated Installation >15' To 20', Add	*10.71*	
		For Elevated Installation >20' To 25', Add	*13.39*	
		For Elevated Installation >25' To 30', Add	*18.75*	
		For Elevated Installation >30' To 35', Add	*21.43*	
		For Elevated Installation >35' To 40', Add	*26.79*	
		For Elevated Installation >40', Add	*29.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.07*	
26 05 33 13-0186		Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0060)*		
26 05 33 13-0187	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	16.76	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0188	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	18.28	8.40
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-0189	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	21.47	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0190	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	24.16	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0191	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	30.94	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0192	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	36.54	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0193	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	52.57	18.38
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0194	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	62.75	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.61*	
26 05 33 13-0195	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	95.68	23.63
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0196	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	131.03	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0197	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	176.86	28.89
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0198	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	264.02	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.91*	
26 05 33 13-0199		Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0060)*		
26 05 33 13-0200	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	17.95	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0201	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	20.08	8.40
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-0202	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	23.73	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-0203	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	27.98	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0204	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	34.91	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0205	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	43.59	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0206	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	62.13	18.38
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0207	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	73.96	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.61*	
26 05 33 13-0208	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	97.77	23.63
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0209	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	140.38	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0210	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	187.04	28.89
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-0211	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	267.60	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.91*	

26 05 33 13-0212 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0060)*

26 05 33 13-0213	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	27.78	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-0214	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	31.13	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0215	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	35.74	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0216	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	42.60	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0217	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	51.42	16.29
		For Work In Restricted Working Space, Add	*9.77*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.14*	
		For Elevated Installation >25' To 30', Add	*11.40*	
		For Elevated Installation >30' To 35', Add	*13.02*	
		For Elevated Installation >35' To 40', Add	*16.28*	
		For Elevated Installation >40', Add	*17.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	
26 05 33 13-0218	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	65.07	19.43
		For Work In Restricted Working Space, Add	*11.66*	
		For Elevated Installation >10' To 15', Add	*3.89*	
		For Elevated Installation >15' To 20', Add	*7.77*	
		For Elevated Installation >20' To 25', Add	*9.72*	
		For Elevated Installation >25' To 30', Add	*13.60*	
		For Elevated Installation >30' To 35', Add	*15.55*	
		For Elevated Installation >35' To 40', Add	*19.44*	
		For Elevated Installation >40', Add	*21.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	
26 05 33 13-0219	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	87.97	22.58
		For Work In Restricted Working Space, Add	*13.55*	
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.03*	
		For Elevated Installation >20' To 25', Add	*11.29*	
		For Elevated Installation >25' To 30', Add	*15.81*	
		For Elevated Installation >30' To 35', Add	*18.07*	
		For Elevated Installation >35' To 40', Add	*22.59*	
		For Elevated Installation >40', Add	*24.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 05 33 13-0220	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	96.68	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0221	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	109.40	29.41
		For Work In Restricted Working Space, Add	*17.65*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.77*	
		For Elevated Installation >20' To 25', Add	*14.71*	
		For Elevated Installation >25' To 30', Add	*20.59*	
		For Elevated Installation >30' To 35', Add	*23.53*	
		For Elevated Installation >35' To 40', Add	*29.42*	
		For Elevated Installation >40', Add	*32.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.65*	
26 05 33 13-0222	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	142.53	32.56
		For Work In Restricted Working Space, Add	*19.54*	
		For Elevated Installation >10' To 15', Add	*6.51*	
		For Elevated Installation >15' To 20', Add	*13.02*	
		For Elevated Installation >20' To 25', Add	*16.28*	
		For Elevated Installation >25' To 30', Add	*22.79*	
		For Elevated Installation >30' To 35', Add	*26.05*	
		For Elevated Installation >35' To 40', Add	*32.56*	
		For Elevated Installation >40', Add	*35.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.54*	
26 05 33 13-0223	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	204.68	35.71
		For Work In Restricted Working Space, Add	*21.43*	
		For Elevated Installation >10' To 15', Add	*7.14*	
		For Elevated Installation >15' To 20', Add	*14.29*	
		For Elevated Installation >20' To 25', Add	*17.86*	
		For Elevated Installation >25' To 30', Add	*25.00*	
		For Elevated Installation >30' To 35', Add	*28.57*	
		For Elevated Installation >35' To 40', Add	*35.72*	
		For Elevated Installation >40', Add	*39.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0224	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	284.18	39.39
		For Work In Restricted Working Space, Add	*23.63*	
		For Elevated Installation >10' To 15', Add	*7.88*	
		For Elevated Installation >15' To 20', Add	*15.76*	
		For Elevated Installation >20' To 25', Add	*19.70*	
		For Elevated Installation >25' To 30', Add	*27.57*	
		For Elevated Installation >30' To 35', Add	*31.51*	
		For Elevated Installation >35' To 40', Add	*39.39*	
		For Elevated Installation >40', Add	*43.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.63*	

26 05 33 13-0225 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0060)*

26 05 33 13-0226	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	16.10	4.83
		For Work In Restricted Working Space, Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.20*	
		For Elevated Installation >30' To 35', Add	*4.80*	
		For Elevated Installation >35' To 40', Add	*6.00*	
		For Elevated Installation >40', Add	*6.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 33 13-0227	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	19.58	5.56
		For Work In Restricted Working Space, Add	*4.16*	
		For Elevated Installation >10' To 15', Add	*1.39*	
		For Elevated Installation >15' To 20', Add	*2.78*	
		For Elevated Installation >20' To 25', Add	*3.47*	
		For Elevated Installation >25' To 30', Add	*4.86*	
		For Elevated Installation >30' To 35', Add	*5.55*	
		For Elevated Installation >35' To 40', Add	*6.94*	
		For Elevated Installation >40', Add	*7.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.16*	
26 05 33 13-0228	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	25.83	6.73
		For Work In Restricted Working Space, Add	*5.02*	
		For Elevated Installation >10' To 15', Add	*1.67*	
		For Elevated Installation >15' To 20', Add	*3.35*	
		For Elevated Installation >20' To 25', Add	*4.19*	
		For Elevated Installation >25' To 30', Add	*5.86*	
		For Elevated Installation >30' To 35', Add	*6.70*	
		For Elevated Installation >35' To 40', Add	*8.37*	
		For Elevated Installation >40', Add	*9.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.02*	
26 05 33 13-0229	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	38.64	8.29
		For Work In Restricted Working Space, Add	*6.24*	
		For Elevated Installation >10' To 15', Add	*2.08*	
		For Elevated Installation >15' To 20', Add	*4.16*	
		For Elevated Installation >20' To 25', Add	*5.20*	
		For Elevated Installation >25' To 30', Add	*7.28*	
		For Elevated Installation >30' To 35', Add	*8.32*	
		For Elevated Installation >35' To 40', Add	*10.41*	
		For Elevated Installation >40', Add	*11.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 33 13-0230	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	52.34	11.13
		For Work In Restricted Working Space, Add	*8.36*	
		For Elevated Installation >10' To 15', Add	*2.79*	
		For Elevated Installation >15' To 20', Add	*5.57*	
		For Elevated Installation >20' To 25', Add	*6.97*	
		For Elevated Installation >25' To 30', Add	*9.75*	
		For Elevated Installation >30' To 35', Add	*11.14*	
		For Elevated Installation >35' To 40', Add	*13.93*	
		For Elevated Installation >40', Add	*15.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.36*	
26 05 33 13-0231	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	89.74	16.70
		For Work In Restricted Working Space, Add	*12.52*	
		For Elevated Installation >10' To 15', Add	*4.17*	
		For Elevated Installation >15' To 20', Add	*8.35*	
		For Elevated Installation >20' To 25', Add	*10.43*	
		For Elevated Installation >25' To 30', Add	*14.61*	
		For Elevated Installation >30' To 35', Add	*16.69*	
		For Elevated Installation >35' To 40', Add	*20.87*	
		For Elevated Installation >40', Add	*22.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.52*	
26 05 33 13-0232	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	165.02	18.48
		For Work In Restricted Working Space, Add	*13.87*	
		For Elevated Installation >10' To 15', Add	*4.62*	
		For Elevated Installation >15' To 20', Add	*9.24*	
		For Elevated Installation >20' To 25', Add	*11.56*	
		For Elevated Installation >25' To 30', Add	*16.18*	
		For Elevated Installation >30' To 35', Add	*18.49*	
		For Elevated Installation >35' To 40', Add	*23.11*	
		For Elevated Installation >40', Add	*25.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0233	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	196.59	22.37
		For Work In Restricted Working Space, Add	*16.79*	
		For Elevated Installation >10' To 15', Add	*5.60*	
		For Elevated Installation >15' To 20', Add	*11.19*	
		For Elevated Installation >20' To 25', Add	*13.99*	
		For Elevated Installation >25' To 30', Add	*19.59*	
		For Elevated Installation >30' To 35', Add	*22.39*	
		For Elevated Installation >35' To 40', Add	*27.99*	
		For Elevated Installation >40', Add	*30.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.79*	
26 05 33 13-0234	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	266.46	28.04
		For Work In Restricted Working Space, Add	*21.02*	
		For Elevated Installation >10' To 15', Add	*7.01*	
		For Elevated Installation >15' To 20', Add	*14.01*	
		For Elevated Installation >20' To 25', Add	*17.52*	
		For Elevated Installation >25' To 30', Add	*24.52*	
		For Elevated Installation >30' To 35', Add	*28.03*	
		For Elevated Installation >35' To 40', Add	*35.04*	
		For Elevated Installation >40', Add	*38.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.02*	
26 05 33 13-0235	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	311.94	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-0236	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	554.04	37.39
		For Work In Restricted Working Space, Add	*28.01*	
		For Elevated Installation >10' To 15', Add	*9.34*	
		For Elevated Installation >15' To 20', Add	*18.68*	
		For Elevated Installation >20' To 25', Add	*23.35*	
		For Elevated Installation >25' To 30', Add	*32.68*	
		For Elevated Installation >30' To 35', Add	*37.35*	
		For Elevated Installation >35' To 40', Add	*46.69*	
		For Elevated Installation >40', Add	*51.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.01*	
26 05 33 13-0237	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	662.65	42.02
		For Work In Restricted Working Space, Add	*31.50*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.00*	
		For Elevated Installation >20' To 25', Add	*26.25*	
		For Elevated Installation >25' To 30', Add	*36.75*	
		For Elevated Installation >30' To 35', Add	*42.00*	
		For Elevated Installation >35' To 40', Add	*52.51*	
		For Elevated Installation >40', Add	*57.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.50*	

26 05 33 13-0238 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0060)*

26 05 33 13-0239	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	15.47	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0240	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.80	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0241	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	22.83	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0242	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	26.75	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0243	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	30.58	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0244	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.62	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0245	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.03	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0246	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.08	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0247	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.09	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0248	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	31.13	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0249	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	35.30	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0250	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	15.78	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0251	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	18.24	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0252	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	23.43	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0253	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	27.40	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0254	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	31.51	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0255	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	36.22	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0256	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	49.77	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0257	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	66.66	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0258	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.98	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0259	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.35	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0260	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.90	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0261	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.99	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0262	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	32.29	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0263	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	37.17	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0264	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	52.34	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0265	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	68.88	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0266	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	16.18	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0267	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	18.70	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0268	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	24.18	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0269	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	28.28	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0270	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	32.82	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0271	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	37.97	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0272	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	53.12	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0273	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	70.52	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0274	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	81.40	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0275	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	101.37	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-0276	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	16.48	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0277	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.14	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0278	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	24.75	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0279	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	29.10	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0280	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	33.62	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0281	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	39.40	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0282	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	56.29	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0283	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	73.96	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-0284	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	84.82	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0285	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	106.36	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-0286	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	165.56	49.89
		For Work In Restricted Working Space, Add	*29.93*	
		For Elevated Installation >10' To 15', Add	*9.98*	
		For Elevated Installation >15' To 20', Add	*19.96*	
		For Elevated Installation >20' To 25', Add	*24.95*	
		For Elevated Installation >25' To 30', Add	*34.92*	
		For Elevated Installation >30' To 35', Add	*39.91*	
		For Elevated Installation >35' To 40', Add	*49.89*	
		For Elevated Installation >40', Add	*54.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-0287	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	209.99	63.97
		For Work In Restricted Working Space, Add	*38.40*	
		For Elevated Installation >10' To 15', Add	*12.80*	
		For Elevated Installation >15' To 20', Add	*25.60*	
		For Elevated Installation >20' To 25', Add	*32.00*	
		For Elevated Installation >25' To 30', Add	*44.80*	
		For Elevated Installation >30' To 35', Add	*51.20*	
		For Elevated Installation >35' To 40', Add	*64.01*	
		For Elevated Installation >40', Add	*70.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.40*	
26 05 33 13-0288	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	17.03	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0289	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	19.70	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0290	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	25.20	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0291	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	29.85	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0292	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	35.31	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0293	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	40.84	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0294	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	59.07	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0295	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	77.44	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-0296	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	88.98	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0297	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	110.32	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0298	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	171.35	49.89
		For Work In Restricted Working Space, Add	*29.93*	
		For Elevated Installation >10' To 15', Add	*9.98*	
		For Elevated Installation >15' To 20', Add	*19.96*	
		For Elevated Installation >20' To 25', Add	*24.95*	
		For Elevated Installation >25' To 30', Add	*34.92*	
		For Elevated Installation >30' To 35', Add	*39.91*	
		For Elevated Installation >35' To 40', Add	*49.89*	
		For Elevated Installation >40', Add	*54.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-0299	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	218.47	63.97
		For Work In Restricted Working Space, Add	*38.40*	
		For Elevated Installation >10' To 15', Add	*12.80*	
		For Elevated Installation >15' To 20', Add	*25.60*	
		For Elevated Installation >20' To 25', Add	*32.00*	
		For Elevated Installation >25' To 30', Add	*44.80*	
		For Elevated Installation >30' To 35', Add	*51.20*	
		For Elevated Installation >35' To 40', Add	*64.01*	
		For Elevated Installation >40', Add	*70.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.40*	
26 05 33 13-0300	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	19.04	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0301	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	22.27	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0302	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	28.22	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0303	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	34.16	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0304	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	40.11	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0305	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	45.89	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0306	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	66.43	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0307	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	85.90	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-0308	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	97.41	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0309	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	119.63	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-0310	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	184.79	49.89
		For Work In Restricted Working Space, Add	*29.93*	
		For Elevated Installation >10' To 15', Add	*9.98*	
		For Elevated Installation >15' To 20', Add	*19.96*	
		For Elevated Installation >20' To 25', Add	*24.95*	
		For Elevated Installation >25' To 30', Add	*34.92*	
		For Elevated Installation >30' To 35', Add	*39.91*	
		For Elevated Installation >35' To 40', Add	*49.89*	
		For Elevated Installation >40', Add	*54.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-0311	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	233.56	63.97
		For Work In Restricted Working Space, Add	*38.40*	
		For Elevated Installation >10' To 15', Add	*12.80*	
		For Elevated Installation >15' To 20', Add	*25.60*	
		For Elevated Installation >20' To 25', Add	*32.00*	
		For Elevated Installation >25' To 30', Add	*44.80*	
		For Elevated Installation >30' To 35', Add	*51.20*	
		For Elevated Installation >35' To 40', Add	*64.01*	
		For Elevated Installation >40', Add	*70.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.40*	
26 05 33 13-0312	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	20.39	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0313	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	23.58	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0314	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	30.62	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0315	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	37.01	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0316	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	42.92	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0317	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	49.15	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0318	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	71.38	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0319	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	92.55	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-0320	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	106.17	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0321	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	130.72	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0322	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	199.45	49.89
		For Work In Restricted Working Space, Add	*29.93*	
		For Elevated Installation >10' To 15', Add	*9.98*	
		For Elevated Installation >15' To 20', Add	*19.96*	
		For Elevated Installation >20' To 25', Add	*24.95*	
		For Elevated Installation >25' To 30', Add	*34.92*	
		For Elevated Installation >30' To 35', Add	*39.91*	
		For Elevated Installation >35' To 40', Add	*49.89*	
		For Elevated Installation >40', Add	*54.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-0323	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	259.93	63.97
		For Work In Restricted Working Space, Add	*38.40*	
		For Elevated Installation >10' To 15', Add	*12.80*	
		For Elevated Installation >15' To 20', Add	*25.60*	
		For Elevated Installation >20' To 25', Add	*32.00*	
		For Elevated Installation >25' To 30', Add	*44.80*	
		For Elevated Installation >30' To 35', Add	*51.20*	
		For Elevated Installation >35' To 40', Add	*64.01*	
		For Elevated Installation >40', Add	*70.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.40*	
26 05 33 13-0324	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	21.42	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0325	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	24.55	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0326	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	32.06	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0327	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	39.30	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-0328	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	44.33	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0329	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	51.89	14.71
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0330	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	77.20	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-0331	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	101.79	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-0332	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	114.69	27.83
		For Work In Restricted Working Space, Add	*16.70*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.13*	
		For Elevated Installation >20' To 25', Add	*13.92*	
		For Elevated Installation >25' To 30', Add	*19.48*	
		For Elevated Installation >30' To 35', Add	*22.26*	
		For Elevated Installation >35' To 40', Add	*27.83*	
		For Elevated Installation >40', Add	*30.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-0333	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	141.82	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-0334	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	220.51	49.89
		For Work In Restricted Working Space, Add	*29.93*	
		For Elevated Installation >10' To 15', Add	*9.98*	
		For Elevated Installation >15' To 20', Add	*19.96*	
		For Elevated Installation >20' To 25', Add	*24.95*	
		For Elevated Installation >25' To 30', Add	*34.92*	
		For Elevated Installation >30' To 35', Add	*39.91*	
		For Elevated Installation >35' To 40', Add	*49.89*	
		For Elevated Installation >40', Add	*54.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-0335	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	274.58	63.97
		For Work In Restricted Working Space, Add	*38.40*	
		For Elevated Installation >10' To 15', Add	*12.80*	
		For Elevated Installation >15' To 20', Add	*25.60*	
		For Elevated Installation >20' To 25', Add	*32.00*	
		For Elevated Installation >25' To 30', Add	*44.80*	
		For Elevated Installation >30' To 35', Add	*51.20*	
		For Elevated Installation >35' To 40', Add	*64.01*	
		For Elevated Installation >40', Add	*70.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.40*	

26 05 33 13-0336 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0060)*

26 05 33 13-0337	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	15.95	5.46
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.50*	
		For Elevated Installation >35' To 40', Add	*6.88*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0338	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	19.02	6.31
		For Work In Restricted Working Space, Add	*4.70*	
		For Elevated Installation >10' To 15', Add	*1.57*	
		For Elevated Installation >15' To 20', Add	*3.13*	
		For Elevated Installation >20' To 25', Add	*3.92*	
		For Elevated Installation >25' To 30', Add	*5.48*	
		For Elevated Installation >30' To 35', Add	*6.27*	
		For Elevated Installation >35' To 40', Add	*7.84*	
		For Elevated Installation >40', Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0339	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	23.87	7.98
		For Work In Restricted Working Space, Add	*6.01*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Elevated Installation >20' To 25', Add	*5.01*	
		For Elevated Installation >25' To 30', Add	*7.01*	
		For Elevated Installation >30' To 35', Add	*8.02*	
		For Elevated Installation >35' To 40', Add	*10.02*	
		For Elevated Installation >40', Add	*11.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.01*	
26 05 33 13-0340	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	30.20	9.56
		For Work In Restricted Working Space, Add	*7.21*	
		For Elevated Installation >10' To 15', Add	*2.40*	
		For Elevated Installation >15' To 20', Add	*4.80*	
		For Elevated Installation >20' To 25', Add	*6.01*	
		For Elevated Installation >25' To 30', Add	*8.41*	
		For Elevated Installation >30' To 35', Add	*9.61*	
		For Elevated Installation >35' To 40', Add	*12.01*	
		For Elevated Installation >40', Add	*13.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 33 13-0341	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	33.06	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.26*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.20*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0342	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	43.14	12.92
		For Work In Restricted Working Space, Add	*9.71*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.47*	
		For Elevated Installation >20' To 25', Add	*8.09*	
		For Elevated Installation >25' To 30', Add	*11.33*	
		For Elevated Installation >30' To 35', Add	*12.95*	
		For Elevated Installation >35' To 40', Add	*16.19*	
		For Elevated Installation >40', Add	*17.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.71*	
26 05 33 13-0343	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	70.46	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0344	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	113.22	28.99
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-0345	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	140.16	34.24
		For Work In Restricted Working Space, Add	*25.54*	
		For Elevated Installation >10' To 15', Add	*8.51*	
		For Elevated Installation >15' To 20', Add	*17.03*	
		For Elevated Installation >20' To 25', Add	*21.28*	
		For Elevated Installation >25' To 30', Add	*29.80*	
		For Elevated Installation >30' To 35', Add	*34.05*	
		For Elevated Installation >35' To 40', Add	*42.57*	
		For Elevated Installation >40', Add	*46.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.54*	
26 05 33 13-0346	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	167.98	39.50
		For Work In Restricted Working Space, Add	*29.63*	
		For Elevated Installation >10' To 15', Add	*9.88*	
		For Elevated Installation >15' To 20', Add	*19.75*	
		For Elevated Installation >20' To 25', Add	*24.69*	
		For Elevated Installation >25' To 30', Add	*34.56*	
		For Elevated Installation >30' To 35', Add	*39.50*	
		For Elevated Installation >35' To 40', Add	*49.38*	
		For Elevated Installation >40', Add	*54.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.63*	

26 05 33 13-0347 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0060)*
Note: Erickson fittings.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0348	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	44.84	16.81
		For Work In Restricted Working Space, Add	*12.62*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.41*	
		For Elevated Installation >20' To 25', Add	*10.52*	
		For Elevated Installation >25' To 30', Add	*14.72*	
		For Elevated Installation >30' To 35', Add	*16.83*	
		For Elevated Installation >35' To 40', Add	*21.04*	
		For Elevated Installation >40', Add	*23.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.62*	
26 05 33 13-0349	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	50.49	18.81
		For Work In Restricted Working Space, Add	*14.08*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.39*	
		For Elevated Installation >20' To 25', Add	*11.74*	
		For Elevated Installation >25' To 30', Add	*16.43*	
		For Elevated Installation >30' To 35', Add	*18.78*	
		For Elevated Installation >35' To 40', Add	*23.47*	
		For Elevated Installation >40', Add	*25.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.08*	
26 05 33 13-0350	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	58.84	20.90
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.07*	
		For Elevated Installation >25' To 30', Add	*18.30*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.15*	
		For Elevated Installation >40', Add	*28.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-0351	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	71.21	22.90
		For Work In Restricted Working Space, Add	*17.17*	
		For Elevated Installation >10' To 15', Add	*5.72*	
		For Elevated Installation >15' To 20', Add	*11.45*	
		For Elevated Installation >20' To 25', Add	*14.31*	
		For Elevated Installation >25' To 30', Add	*20.03*	
		For Elevated Installation >30' To 35', Add	*22.89*	
		For Elevated Installation >35' To 40', Add	*28.62*	
		For Elevated Installation >40', Add	*31.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.17*	
26 05 33 13-0352	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	79.36	25.00
		For Work In Restricted Working Space, Add	*18.78*	
		For Elevated Installation >10' To 15', Add	*6.26*	
		For Elevated Installation >15' To 20', Add	*12.52*	
		For Elevated Installation >20' To 25', Add	*15.65*	
		For Elevated Installation >25' To 30', Add	*21.91*	
		For Elevated Installation >30' To 35', Add	*25.04*	
		For Elevated Installation >35' To 40', Add	*31.31*	
		For Elevated Installation >40', Add	*34.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.78*	
26 05 33 13-0353	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	101.35	27.10
		For Work In Restricted Working Space, Add	*20.34*	
		For Elevated Installation >10' To 15', Add	*6.78*	
		For Elevated Installation >15' To 20', Add	*13.56*	
		For Elevated Installation >20' To 25', Add	*16.95*	
		For Elevated Installation >25' To 30', Add	*23.73*	
		For Elevated Installation >30' To 35', Add	*27.12*	
		For Elevated Installation >35' To 40', Add	*33.90*	
		For Elevated Installation >40', Add	*37.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.34*	
26 05 33 13-0354	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	161.74	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-0355	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	222.99	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0356	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	322.55	50.42
		For Work In Restricted Working Space, Add	*37.83*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.22*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.13*	
		For Elevated Installation >30' To 35', Add	*50.44*	
		For Elevated Installation >35' To 40', Add	*63.05*	
		For Elevated Installation >40', Add	*69.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.83*	
26 05 33 13-0357	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	367.57	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 05 33 13-0358	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	642.20	67.22
		For Work In Restricted Working Space, Add	*50.41*	
		For Elevated Installation >10' To 15', Add	*16.80*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.01*	
		For Elevated Installation >25' To 30', Add	*58.81*	
		For Elevated Installation >30' To 35', Add	*67.22*	
		For Elevated Installation >35' To 40', Add	*84.02*	
		For Elevated Installation >40', Add	*92.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.41*	
26 05 33 13-0359	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	826.32	77.73
		For Work In Restricted Working Space, Add	*58.29*	
		For Elevated Installation >10' To 15', Add	*19.43*	
		For Elevated Installation >15' To 20', Add	*38.86*	
		For Elevated Installation >20' To 25', Add	*48.58*	
		For Elevated Installation >25' To 30', Add	*68.01*	
		For Elevated Installation >30' To 35', Add	*77.72*	
		For Elevated Installation >35' To 40', Add	*97.15*	
		For Elevated Installation >40', Add	*106.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.29*	

26 05 33 13-0360 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0060)*

26 05 33 13-0361	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	26.88	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
26 05 33 13-0362	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	30.06	9.25
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.71*	
26 05 33 13-0363	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	34.55	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	
26 05 33 13-0364	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	39.28	11.35
		For Work In Restricted Working Space, Add	*8.51*	
		For Elevated Installation >10' To 15', Add	*2.84*	
		For Elevated Installation >15' To 20', Add	*5.67*	
		For Elevated Installation >20' To 25', Add	*7.09*	
		For Elevated Installation >25' To 30', Add	*9.92*	
		For Elevated Installation >30' To 35', Add	*11.34*	
		For Elevated Installation >35' To 40', Add	*14.18*	
		For Elevated Installation >40', Add	*15.59*	
26 05 33 13-0365	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	46.75	12.60
		For Work In Restricted Working Space, Add	*9.46*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.61*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0366	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	57.19	13.87
		For Work In Restricted Working Space, Add	*10.40*	
		For Elevated Installation >10' To 15', Add	*3.47*	
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Elevated Installation >20' To 25', Add	*8.67*	
		For Elevated Installation >25' To 30', Add	*12.13*	
		For Elevated Installation >30' To 35', Add	*13.87*	
		For Elevated Installation >35' To 40', Add	*17.34*	
		For Elevated Installation >40', Add	*19.07*	
26 05 33 13-0367	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	78.11	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0368	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	96.56	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0369	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	116.00	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0370	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	131.19	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	

26 05 33 13-0371 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0060)*

26 05 33 13-0372	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	23.79	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-0373	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	26.51	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0374	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	32.72	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0375	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	40.29	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0376	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	51.67	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.61*	
26 05 33 13-0377	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	60.16	23.63
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0378	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	74.41	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0379	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	100.50	33.08
		For Work In Restricted Working Space, Add	*19.85*	
		For Elevated Installation >10' To 15', Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*13.24*	
		For Elevated Installation >20' To 25', Add	*16.55*	
		For Elevated Installation >25' To 30', Add	*23.16*	
		For Elevated Installation >30' To 35', Add	*26.47*	
		For Elevated Installation >35' To 40', Add	*33.09*	
		For Elevated Installation >40', Add	*36.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	
26 05 33 13-0380	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	119.23	39.91
		For Work In Restricted Working Space, Add	*23.95*	
		For Elevated Installation >10' To 15', Add	*7.98*	
		For Elevated Installation >15' To 20', Add	*15.97*	
		For Elevated Installation >20' To 25', Add	*19.96*	
		For Elevated Installation >25' To 30', Add	*27.94*	
		For Elevated Installation >30' To 35', Add	*31.93*	
		For Elevated Installation >35' To 40', Add	*39.92*	
		For Elevated Installation >40', Add	*43.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.95*	
26 05 33 13-0381	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	146.48	47.27
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.91*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.09*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.27*	
		For Elevated Installation >40', Add	*51.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	

26 05 33 13-0382 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX

26 05 33 13-0383	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	117.89	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0384	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	133.88	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0385	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	159.07	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0386	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	195.78	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
26 05 33 13-0387	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	247.46	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0388	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	344.91	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.30*	
		For Elevated Installation >35' To 40', Add	*34.13*	
		For Elevated Installation >40', Add	*37.54*	
26 05 33 13-0389	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	531.25	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0390	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	681.04	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
26 05 33 13-0391	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	998.32	50.42
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
26 05 33 13-0392	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,063.87	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
26 05 33 13-0393	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,635.71	67.22
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0394	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	2,012.33	74.58
		For Work In Restricted Working Space, Add	*55.97*	
		For Elevated Installation >10' To 15', Add	*18.66*	
		For Elevated Installation >15' To 20', Add	*37.31*	
		For Elevated Installation >20' To 25', Add	*46.64*	
		For Elevated Installation >25' To 30', Add	*65.29*	
		For Elevated Installation >30' To 35', Add	*74.62*	
		For Elevated Installation >35' To 40', Add	*93.28*	
		For Elevated Installation >40', Add	*102.60*	

26 05 33 13-0395 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX-8

26 05 33 13-0396	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	130.57	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0397	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	145.11	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
26 05 33 13-0398	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	176.70	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0399	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	223.55	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
26 05 33 13-0400	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	302.64	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0401	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	371.28	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.30*	
		For Elevated Installation >35' To 40', Add	*34.13*	
		For Elevated Installation >40', Add	*37.54*	
26 05 33 13-0402	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	702.18	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0403	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	797.76	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0404	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,228.98	50.42
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
26 05 33 13-0405	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,330.47	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
26 05 33 13-0406	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,860.44	67.22
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	
26 05 33 13-0407	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	2,301.46	74.58
		For Work In Restricted Working Space, Add	*55.97*	
		For Elevated Installation >10' To 15', Add	*18.66*	
		For Elevated Installation >15' To 20', Add	*37.31*	
		For Elevated Installation >20' To 25', Add	*46.64*	
		For Elevated Installation >25' To 30', Add	*65.29*	
		For Elevated Installation >30' To 35', Add	*74.62*	
		For Elevated Installation >35' To 40', Add	*93.28*	
		For Elevated Installation >40', Add	*102.60*	

26 05 33 13-0408 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type EX

26 05 33 13-0409	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	149.13	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0410	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	188.88	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
26 05 33 13-0411	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	235.82	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0412	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	287.57	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
26 05 33 13-0413	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	389.32	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0414	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	538.79	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.30*	
		For Elevated Installation >35' To 40', Add	*34.13*	
		For Elevated Installation >40', Add	*37.54*	
26 05 33 13-0415	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	840.09	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0416	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,133.55	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
26 05 33 13-0417	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,706.58	50.42
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
26 05 33 13-0418	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,765.50	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
26 05 33 13-0419	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,662.34	67.22
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	
26 05 33 13-0420	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	3,303.58	74.58
		For Work In Restricted Working Space, Add	*55.97*	
		For Elevated Installation >10' To 15', Add	*18.66*	
		For Elevated Installation >15' To 20', Add	*37.31*	
		For Elevated Installation >20' To 25', Add	*46.64*	
		For Elevated Installation >25' To 30', Add	*65.29*	
		For Elevated Installation >30' To 35', Add	*74.62*	
		For Elevated Installation >35' To 40', Add	*93.28*	
		For Elevated Installation >40', Add	*102.60*	

26 05 33 13-0421 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0060)*

Note: Type DX

26 05 33 13-0422	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	263.60	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0423	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	314.41	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0424	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	380.69	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0425	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	448.08	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
26 05 33 13-0426	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	495.63	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0427	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	613.86	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.30*	
		For Elevated Installation >35' To 40', Add	*34.13*	
		For Elevated Installation >40', Add	*37.54*	
26 05 33 13-0428	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	812.22	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0429	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,030.27	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
26 05 33 13-0430	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,158.17	50.42
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
26 05 33 13-0431	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,406.66	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
26 05 33 13-0432	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,414.89	67.22
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0433	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	3,850.80	74.58
		For Work In Restricted Working Space, Add	*55.97*	
		For Elevated Installation >10' To 15', Add	*18.66*	
		For Elevated Installation >15' To 20', Add	*37.31*	
		For Elevated Installation >20' To 25', Add	*46.64*	
		For Elevated Installation >25' To 30', Add	*65.29*	
		For Elevated Installation >30' To 35', Add	*74.62*	
		For Elevated Installation >35' To 40', Add	*93.28*	
		For Elevated Installation >40', Add	*102.60*	

26 05 33 13-0434 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0060)*

26 05 33 13-0435	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	66.69	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.51*	
		For Elevated Installation >40', Add	*11.56*	
26 05 33 13-0436	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	76.57	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	
26 05 33 13-0437	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	94.50	12.60
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0438	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	133.05	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0439	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	201.66	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.61*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.52*	
		For Elevated Installation >40', Add	*34.67*	
26 05 33 13-0440	EA	5" To 6" Conduit, 14" Bonding Jumper	347.42	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0441	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	74.52	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.51*	
		For Elevated Installation >40', Add	*11.56*	
26 05 33 13-0442	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	86.46	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0443	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	103.56	12.60
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0444	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	145.07	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0445	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	217.61	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.61*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.52*	
		For Elevated Installation >40', Add	*34.67*	
26 05 33 13-0446	EA	5" To 6" Conduit, 24" Bonding Jumper	398.85	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	

26 05 33 13-0447 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0060)*

26 05 33 13-0448	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	93.29	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0449	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	110.91	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.91*	
26 05 33 13-0450	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	135.07	36.77
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-0451	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	158.77	42.02
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-0452	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	207.05	47.27
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.91*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.09*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.27*	
		For Elevated Installation >40', Add	*51.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0453	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	250.82	52.52
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	
26 05 33 13-0454	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	352.55	63.02
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.51*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.82*	
26 05 33 13-0455	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	423.73	73.53
		For Work In Restricted Working Space, Add	*44.12*	
		For Elevated Installation >10' To 15', Add	*14.71*	
		For Elevated Installation >15' To 20', Add	*29.41*	
		For Elevated Installation >20' To 25', Add	*36.76*	
		For Elevated Installation >25' To 30', Add	*51.47*	
		For Elevated Installation >30' To 35', Add	*58.82*	
		For Elevated Installation >35' To 40', Add	*73.53*	
		For Elevated Installation >40', Add	*80.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.12*	
26 05 33 13-0456	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	966.04	84.03
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.42*	
26 05 33 13-0457	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,112.60	94.53
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.17*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	

26 05 33 13-0458 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0060)*

26 05 33 13-0459	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	14.05	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0460	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	19.67	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
26 05 33 13-0461	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	25.88	11.56
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.71*	
26 05 33 13-0462	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	29.76	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0463	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	35.89	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0464	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	42.24	17.85
		For Work In Restricted Working Space, Add	*10.71*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
26 05 33 13-0465	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	54.57	19.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
26 05 33 13-0466	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	64.23	22.58
		For Work In Restricted Working Space, Add	*13.55*	
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.03*	
		For Elevated Installation >20' To 25', Add	*11.29*	
		For Elevated Installation >25' To 30', Add	*15.81*	
		For Elevated Installation >30' To 35', Add	*18.07*	
		For Elevated Installation >35' To 40', Add	*22.59*	
		For Elevated Installation >40', Add	*24.84*	
26 05 33 13-0467	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	75.12	24.68
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
26 05 33 13-0468	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	79.34	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	

26 05 33 13-0469 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0060)*

26 05 33 13-0470	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	3.38	1.05
26 05 33 13-0471	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	4.63	1.58
26 05 33 13-0472	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	7.69	2.63
26 05 33 13-0473	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	11.16	3.67
26 05 33 13-0474	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	13.43	4.20
26 05 33 13-0475	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	15.87	4.73

26 05 33 13-0476 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0060)*

26 05 33 13-0477	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	194.31	12.75
		For Work In Restricted Working Space, Add	*9.56*	
		For Elevated Installation >10' To 15', Add	*3.19*	
		For Elevated Installation >15' To 20', Add	*6.37*	
		For Elevated Installation >20' To 25', Add	*7.97*	
		For Elevated Installation >25' To 30', Add	*11.15*	
		For Elevated Installation >30' To 35', Add	*12.75*	
		For Elevated Installation >35' To 40', Add	*15.94*	
		For Elevated Installation >40', Add	*17.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.56*	
26 05 33 13-0478	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	197.38	13.97
		For Work In Restricted Working Space, Add	*10.48*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.99*	
		For Elevated Installation >20' To 25', Add	*8.74*	
		For Elevated Installation >25' To 30', Add	*12.23*	
		For Elevated Installation >30' To 35', Add	*13.98*	
		For Elevated Installation >35' To 40', Add	*17.47*	
		For Elevated Installation >40', Add	*19.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0479	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	237.07	15.33
		For Work In Restricted Working Space, Add	*11.48*	
		For Elevated Installation >10' To 15', Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.57*	
		For Elevated Installation >25' To 30', Add	*13.39*	
		For Elevated Installation >30' To 35', Add	*15.30*	
		For Elevated Installation >35' To 40', Add	*19.13*	
		For Elevated Installation >40', Add	*21.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 05 33 13-0480	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	260.26	16.81
		For Work In Restricted Working Space, Add	*12.62*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.41*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.72*	
		For Elevated Installation >30' To 35', Add	*16.82*	
		For Elevated Installation >35' To 40', Add	*21.03*	
		For Elevated Installation >40', Add	*23.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.62*	
26 05 33 13-0481	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	297.00	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0482	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	440.48	21.00
		For Work In Restricted Working Space, Add	*15.77*	
		For Elevated Installation >10' To 15', Add	*5.26*	
		For Elevated Installation >15' To 20', Add	*10.51*	
		For Elevated Installation >20' To 25', Add	*13.14*	
		For Elevated Installation >25' To 30', Add	*18.39*	
		For Elevated Installation >30' To 35', Add	*21.02*	
		For Elevated Installation >35' To 40', Add	*26.28*	
		For Elevated Installation >40', Add	*28.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.77*	
26 05 33 13-0483	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	506.48	28.04
		For Work In Restricted Working Space, Add	*21.02*	
		For Elevated Installation >10' To 15', Add	*7.01*	
		For Elevated Installation >15' To 20', Add	*14.01*	
		For Elevated Installation >20' To 25', Add	*17.52*	
		For Elevated Installation >25' To 30', Add	*24.52*	
		For Elevated Installation >30' To 35', Add	*28.02*	
		For Elevated Installation >35' To 40', Add	*35.03*	
		For Elevated Installation >40', Add	*38.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.02*	
26 05 33 13-0484	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	561.90	30.77
		For Work In Restricted Working Space, Add	*23.10*	
		For Elevated Installation >10' To 15', Add	*7.70*	
		For Elevated Installation >15' To 20', Add	*15.40*	
		For Elevated Installation >20' To 25', Add	*19.25*	
		For Elevated Installation >25' To 30', Add	*26.95*	
		For Elevated Installation >30' To 35', Add	*30.80*	
		For Elevated Installation >35' To 40', Add	*38.50*	
		For Elevated Installation >40', Add	*42.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.10*	
26 05 33 13-0485	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	653.82	33.62
		For Work In Restricted Working Space, Add	*25.22*	
		For Elevated Installation >10' To 15', Add	*8.41*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.42*	
		For Elevated Installation >30' To 35', Add	*33.62*	
		For Elevated Installation >35' To 40', Add	*42.03*	
		For Elevated Installation >40', Add	*46.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.22*	
26 05 33 13-0486	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	737.03	37.81
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.91*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.09*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.27*	
		For Elevated Installation >40', Add	*51.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0487	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	989.99	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	
26 05 33 13-0488	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,231.88	46.64
		For Work In Restricted Working Space, Add	*34.98*	
		For Elevated Installation >10' To 15', Add	*11.66*	
		For Elevated Installation >15' To 20', Add	*23.32*	
		For Elevated Installation >20' To 25', Add	*29.15*	
		For Elevated Installation >25' To 30', Add	*40.81*	
		For Elevated Installation >30' To 35', Add	*46.64*	
		For Elevated Installation >35' To 40', Add	*58.30*	
		For Elevated Installation >40', Add	*64.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.98*	

26 05 33 13-0489 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0060)*

26 05 33 13-0490	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	17.28	8.14
		For Work In Restricted Working Space, Add	*4.89*	
		For Elevated Installation >10' To 15', Add	*1.63*	
		For Elevated Installation >15' To 20', Add	*3.26*	
		For Elevated Installation >20' To 25', Add	*4.07*	
		For Elevated Installation >25' To 30', Add	*5.70*	
		For Elevated Installation >30' To 35', Add	*6.52*	
		For Elevated Installation >35' To 40', Add	*8.15*	
		For Elevated Installation >40', Add	*8.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.89*	
26 05 33 13-0491	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.15	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >10' To 15', Add	*1.73*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Elevated Installation >20' To 25', Add	*4.33*	
		For Elevated Installation >25' To 30', Add	*6.07*	
		For Elevated Installation >30' To 35', Add	*6.93*	
		For Elevated Installation >35' To 40', Add	*8.67*	
		For Elevated Installation >40', Add	*9.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0492	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.67	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-0493	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	23.10	9.19
		For Work In Restricted Working Space, Add	*5.51*	
		For Elevated Installation >10' To 15', Add	*1.84*	
		For Elevated Installation >15' To 20', Add	*3.68*	
		For Elevated Installation >20' To 25', Add	*4.60*	
		For Elevated Installation >25' To 30', Add	*6.43*	
		For Elevated Installation >30' To 35', Add	*7.35*	
		For Elevated Installation >35' To 40', Add	*9.19*	
		For Elevated Installation >40', Add	*10.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.51*	
26 05 33 13-0494	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	23.63	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-0495	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	24.68	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0496	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	26.72	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0497	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	27.26	10.76
		For Work In Restricted Working Space, Add	*6.46*	
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-0498	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	28.30	11.30
		For Work In Restricted Working Space, Add	*6.77*	
		For Elevated Installation >10' To 15', Add	*2.26*	
		For Elevated Installation >15' To 20', Add	*4.52*	
		For Elevated Installation >20' To 25', Add	*5.65*	
		For Elevated Installation >25' To 30', Add	*7.90*	
		For Elevated Installation >30' To 35', Add	*9.03*	
		For Elevated Installation >35' To 40', Add	*11.29*	
		For Elevated Installation >40', Add	*12.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 33 13-0499	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.35	11.82
		For Work In Restricted Working Space, Add	*7.09*	
		For Elevated Installation >10' To 15', Add	*2.36*	
		For Elevated Installation >15' To 20', Add	*4.73*	
		For Elevated Installation >20' To 25', Add	*5.91*	
		For Elevated Installation >25' To 30', Add	*8.27*	
		For Elevated Installation >30' To 35', Add	*9.45*	
		For Elevated Installation >35' To 40', Add	*11.82*	
		For Elevated Installation >40', Add	*13.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.09*	
26 05 33 13-0500	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	36.19	11.82
		For Work In Restricted Working Space, Add	*7.09*	
		For Elevated Installation >10' To 15', Add	*2.36*	
		For Elevated Installation >15' To 20', Add	*4.73*	
		For Elevated Installation >20' To 25', Add	*5.91*	
		For Elevated Installation >25' To 30', Add	*8.27*	
		For Elevated Installation >30' To 35', Add	*9.45*	
		For Elevated Installation >35' To 40', Add	*11.82*	
		For Elevated Installation >40', Add	*13.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.09*	
26 05 33 13-0501	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	36.72	12.08
		For Work In Restricted Working Space, Add	*7.25*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.83*	
		For Elevated Installation >20' To 25', Add	*6.04*	
		For Elevated Installation >25' To 30', Add	*8.46*	
		For Elevated Installation >30' To 35', Add	*9.66*	
		For Elevated Installation >35' To 40', Add	*12.08*	
		For Elevated Installation >40', Add	*13.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.25*	
26 05 33 13-0502	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	37.77	12.60
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.61*	
		For Elevated Installation >40', Add	*13.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 05 33 13-0503	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	38.82	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0504	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	41.45	14.44
		For Work In Restricted Working Space, Add	*8.67*	
		For Elevated Installation >10' To 15', Add	*2.89*	
		For Elevated Installation >15' To 20', Add	*5.78*	
		For Elevated Installation >20' To 25', Add	*7.22*	
		For Elevated Installation >25' To 30', Add	*10.11*	
		For Elevated Installation >30' To 35', Add	*11.56*	
		For Elevated Installation >35' To 40', Add	*14.45*	
		For Elevated Installation >40', Add	*15.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 05 33 13-0505	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	52.75	17.07
		For Work In Restricted Working Space, Add	*10.24*	
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

26 05 33 13-0506 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0060)*

26 05 33 13-0507	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.19	1.05
		For Work In Restricted Working Space, Add	*0.63*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.84*	
		For Elevated Installation >35' To 40', Add	*1.05*	
		For Elevated Installation >40', Add	*1.16*	
26 05 33 13-0508	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.28	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.63*	
		For Elevated Installation >20' To 25', Add	*0.79*	
		For Elevated Installation >25' To 30', Add	*1.10*	
		For Elevated Installation >30' To 35', Add	*1.26*	
		For Elevated Installation >35' To 40', Add	*1.58*	
		For Elevated Installation >40', Add	*1.73*	
26 05 33 13-0509	EA	1" Rigid Galvanized Steel (RGS) Locknuts	5.46	2.63
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0510	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	7.70	3.67
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0511	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	8.85	4.20
		For Work In Restricted Working Space, Add	*2.52*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.62*	
26 05 33 13-0512	EA	2" Rigid Galvanized Steel (RGS) Locknuts	10.02	4.73
		For Work In Restricted Working Space, Add	*2.84*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.89*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.31*	
		For Elevated Installation >30' To 35', Add	*3.78*	
		For Elevated Installation >35' To 40', Add	*4.73*	
		For Elevated Installation >40', Add	*5.20*	
26 05 33 13-0513	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	14.09	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0514	EA	3" Rigid Galvanized Steel (RGS) Locknuts	17.39	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0515	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	20.58	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
26 05 33 13-0516	EA	4" Rigid Galvanized Steel (RGS) Locknuts	23.10	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	

26 05 33 13-0517 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0060)*

26 05 33 13-0518	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.46	1.05
		For Work In Restricted Working Space, Add	*0.63*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.84*	
		For Elevated Installation >35' To 40', Add	*1.05*	
		For Elevated Installation >40', Add	*1.16*	
26 05 33 13-0519	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	4.78	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.63*	
		For Elevated Installation >20' To 25', Add	*0.79*	
		For Elevated Installation >25' To 30', Add	*1.10*	
		For Elevated Installation >30' To 35', Add	*1.26*	
		For Elevated Installation >35' To 40', Add	*1.58*	
		For Elevated Installation >40', Add	*1.73*	
26 05 33 13-0520	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	7.59	2.63
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0521	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.60	3.67
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0522	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.96	4.20
		For Work In Restricted Working Space, Add	*2.52*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.62*	
26 05 33 13-0523	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	14.11	4.73
		For Work In Restricted Working Space, Add	*2.84*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.89*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.31*	
		For Elevated Installation >30' To 35', Add	*3.78*	
		For Elevated Installation >35' To 40', Add	*4.73*	
		For Elevated Installation >40', Add	*5.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0524	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	21.23	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0525	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	26.71	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0526	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	35.64	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
26 05 33 13-0527	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	42.91	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	

26 05 33 13-0528 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0060)*

26 05 33 13-0529	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.71	3.15
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
26 05 33 13-0530	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	12.10	4.20
		For Work In Restricted Working Space, Add	*2.52*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.62*	
26 05 33 13-0531	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	15.48	5.25
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
26 05 33 13-0532	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	22.37	8.40
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
26 05 33 13-0533	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	25.20	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0534	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	28.71	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
26 05 33 13-0535	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	40.11	12.60
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.61*	
		For Elevated Installation >40', Add	*13.87*	
26 05 33 13-0536	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	48.58	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0537	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	59.65	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0538	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	72.45	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	

26 05 33 13-0539 Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0060)*

26 05 33 13-0540	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	22.70	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
26 05 33 13-0541	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	27.11	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
26 05 33 13-0542	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	35.80	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
26 05 33 13-0543	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	49.47	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0544	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	66.90	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0545	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	100.25	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0546	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	173.12	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0547	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	219.50	36.77
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
26 05 33 13-0548	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	280.04	44.64
		For Work In Restricted Working Space, Add	*26.78*	
		For Elevated Installation >10' To 15', Add	*8.93*	
		For Elevated Installation >15' To 20', Add	*17.86*	
		For Elevated Installation >20' To 25', Add	*22.32*	
		For Elevated Installation >25' To 30', Add	*31.25*	
		For Elevated Installation >30' To 35', Add	*35.71*	
		For Elevated Installation >35' To 40', Add	*44.64*	
		For Elevated Installation >40', Add	*49.10*	
26 05 33 13-0549	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	338.57	52.52
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	

26 05 33 13-0550 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0060)*

26 05 33 13-0551	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	32.38	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
26 05 33 13-0552	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	41.33	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0553	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	59.15	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0554	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	77.87	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0555	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	96.02	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0556	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	145.71	36.77
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
26 05 33 13-0557	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	236.07	42.02
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0558	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	273.92	36.24
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.50*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.37*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
26 05 33 13-0559	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	375.47	55.14
		For Work In Restricted Working Space, Add	*33.09*	
		For Elevated Installation >10' To 15', Add	*11.03*	
		For Elevated Installation >15' To 20', Add	*22.06*	
		For Elevated Installation >20' To 25', Add	*27.57*	
		For Elevated Installation >25' To 30', Add	*38.60*	
		For Elevated Installation >30' To 35', Add	*44.12*	
		For Elevated Installation >35' To 40', Add	*55.15*	
		For Elevated Installation >40', Add	*60.66*	
26 05 33 13-0560	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	465.36	63.02
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.51*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	

26 05 33 13-0561 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0060)*

26 05 33 13-0562	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.54	2.63
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0563	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.69	3.15
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0564	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	7.95	3.67
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0565	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	10.25	4.73
		For Work In Restricted Working Space, Add	*2.84*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.89*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.31*	
		For Elevated Installation >30' To 35', Add	*3.78*	
		For Elevated Installation >35' To 40', Add	*4.73*	
		For Elevated Installation >40', Add	*5.20*	
26 05 33 13-0566	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	11.60	5.25
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
26 05 33 13-0567	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	14.14	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	

26 05 33 13-0568 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0060)*

26 05 33 13-0569	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	6.98	2.63
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0570	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	8.32	3.15
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
26 05 33 13-0571	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	10.13	3.67
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0572	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	13.03	4.73
		For Work In Restricted Working Space, Add	*2.84*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.89*	
		For Elevated Installation >20' To 25', Add	*2.37*	
		For Elevated Installation >25' To 30', Add	*3.31*	
		For Elevated Installation >30' To 35', Add	*3.78*	
		For Elevated Installation >35' To 40', Add	*4.73*	
		For Elevated Installation >40', Add	*5.20*	
26 05 33 13-0573	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	16.20	5.25
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0574	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	19.61	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0575	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	24.01	7.88
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0576	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	28.16	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
26 05 33 13-0577	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	34.48	9.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
26 05 33 13-0578	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	40.69	11.02
		For Work In Restricted Working Space, Add	*6.62*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.41*	
		For Elevated Installation >20' To 25', Add	*5.52*	
		For Elevated Installation >25' To 30', Add	*7.72*	
		For Elevated Installation >30' To 35', Add	*8.82*	
		For Elevated Installation >35' To 40', Add	*11.03*	
		For Elevated Installation >40', Add	*12.13*	

26 05 33 13-0579 Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0060)*

26 05 33 13-0580	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	13.04	6.31
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0581	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	15.45	7.35
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0582	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	19.46	8.93
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-0583	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	23.80	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0584	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	29.86	13.13
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0585	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	37.36	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0586	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	47.89	18.38
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0587	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	53.43	21.00
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.61*	
26 05 33 13-0588	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	67.44	23.63
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0589	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	94.78	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-0590 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0060)*

26 05 33 13-0591	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	26.58	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
26 05 33 13-0592	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	30.86	11.02
		For Work In Restricted Working Space, Add	*6.62*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.41*	
		For Elevated Installation >20' To 25', Add	*5.52*	
		For Elevated Installation >25' To 30', Add	*7.72*	
		For Elevated Installation >30' To 35', Add	*8.82*	
		For Elevated Installation >35' To 40', Add	*11.03*	
		For Elevated Installation >40', Add	*12.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0593	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	39.82	12.60
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.61*	
		For Elevated Installation >40', Add	*13.87*	
26 05 33 13-0594	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	51.18	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0595	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	69.04	18.91
		For Work In Restricted Working Space, Add	*11.34*	
		For Elevated Installation >10' To 15', Add	*3.78*	
		For Elevated Installation >15' To 20', Add	*7.56*	
		For Elevated Installation >20' To 25', Add	*9.45*	
		For Elevated Installation >25' To 30', Add	*13.23*	
		For Elevated Installation >30' To 35', Add	*15.12*	
		For Elevated Installation >35' To 40', Add	*18.91*	
		For Elevated Installation >40', Add	*20.80*	
26 05 33 13-0596	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	93.55	22.06
		For Work In Restricted Working Space, Add	*13.24*	
		For Elevated Installation >10' To 15', Add	*4.41*	
		For Elevated Installation >15' To 20', Add	*8.82*	
		For Elevated Installation >20' To 25', Add	*11.03*	
		For Elevated Installation >25' To 30', Add	*15.44*	
		For Elevated Installation >30' To 35', Add	*17.65*	
		For Elevated Installation >35' To 40', Add	*22.06*	
		For Elevated Installation >40', Add	*24.27*	
26 05 33 13-0597	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	132.02	25.21
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
26 05 33 13-0598	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	235.88	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0059)*
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0600 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0599)*
Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".

26 05 33 13-0601	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	5.48	1.89
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.29*	
		For >1,000, Deduct	*-0.43*	
		For Installation In Metal Stud Wall, Add	*0.47*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.18*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.42*	
		For Elevated Installation >10' To 15', Add	*0.47*	
		For Elevated Installation >15' To 20', Add	*0.95*	
		For Elevated Installation >20' To 25', Add	*1.18*	
		For Elevated Installation >25' To 30', Add	*1.66*	
		For Elevated Installation >30' To 35', Add	*1.89*	
		For Elevated Installation >35' To 40', Add	*2.37*	
		For Elevated Installation >40', Add	*2.60*	
		For Factory Applied Color Coating, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0602	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	6.43	2.10
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.51*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.31*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
		For Factory Applied Color Coating, Add	*0.35*	
26 05 33 13-0603	LF	1" Electrical Metallic Tubing (EMT) Conduit	7.74	2.31
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000, Deduct	*-0.63*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.15*	
		For Elevated Installation >20' To 25', Add	*1.44*	
		For Elevated Installation >25' To 30', Add	*2.02*	
		For Elevated Installation >30' To 35', Add	*2.31*	
		For Elevated Installation >35' To 40', Add	*2.89*	
		For Elevated Installation >40', Add	*3.17*	
		For Factory Applied Color Coating, Add	*0.59*	
26 05 33 13-0604	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	9.62	2.60
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.80*	
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.63*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.96*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.30*	
		For Elevated Installation >20' To 25', Add	*1.63*	
		For Elevated Installation >25' To 30', Add	*2.28*	
		For Elevated Installation >30' To 35', Add	*2.61*	
		For Elevated Installation >35' To 40', Add	*3.26*	
		For Elevated Installation >40', Add	*3.59*	
		For Factory Applied Color Coating, Add	*0.93*	
26 05 33 13-0605	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	11.21	2.94
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.94*	
		For Installation In Metal Stud Wall, Add	*0.74*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.84*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.10*	
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
		For Factory Applied Color Coating, Add	*1.16*	
26 05 33 13-0606	LF	2" Electrical Metallic Tubing (EMT) Conduit	12.98	3.36
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.09*	
		For Installation In Metal Stud Wall, Add	*0.84*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.10*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.26*	
		For Work In Restricted Working Space, Add	*2.52*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.62*	
		For Factory Applied Color Coating, Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	16.76	4.00
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000, Deduct	*-1.43*	
		For Installation In Metal Stud Wall, Add	*1.00*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.50*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.50*	
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*2.00*	
		For Elevated Installation >20' To 25', Add	*2.50*	
		For Elevated Installation >25' To 30', Add	*3.49*	
		For Elevated Installation >30' To 35', Add	*3.99*	
		For Elevated Installation >35' To 40', Add	*4.99*	
		For Elevated Installation >40', Add	*5.49*	
		For Factory Applied Color Coating, Add	*2.03*	
26 05 33 13-0608	LF	3" Electrical Metallic Tubing (EMT) Conduit	20.05	4.62
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.72*	
		For Installation In Metal Stud Wall, Add	*1.16*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.89*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.73*	
		For Work In Restricted Working Space, Add	*3.47*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.31*	
		For Elevated Installation >20' To 25', Add	*2.89*	
		For Elevated Installation >25' To 30', Add	*4.05*	
		For Elevated Installation >30' To 35', Add	*4.62*	
		For Elevated Installation >35' To 40', Add	*5.78*	
		For Elevated Installation >40', Add	*6.36*	
		For Factory Applied Color Coating, Add	*2.55*	
26 05 33 13-0609	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	25.00	5.46
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.16*	
		For Installation In Metal Stud Wall, Add	*1.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.41*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.05*	
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Factory Applied Color Coating, Add	*3.41*	
26 05 33 13-0610	LF	4" Electrical Metallic Tubing (EMT) Conduit	33.41	8.25
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.83*	
		For Installation In Metal Stud Wall, Add	*2.06*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.16*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.09*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.12*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.25*	
		For Elevated Installation >35' To 40', Add	*10.31*	
		For Elevated Installation >40', Add	*11.34*	
		For Factory Applied Color Coating, Add	*3.84*	

26 05 33 13-0611 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0599)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0612	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	13.79	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.31*	
		For Elevated Installation >20' To 25', Add	*2.89*	
		For Elevated Installation >25' To 30', Add	*4.05*	
		For Elevated Installation >30' To 35', Add	*4.62*	
		For Elevated Installation >35' To 40', Add	*5.78*	
		For Elevated Installation >40', Add	*6.36*	
26 05 33 13-0613	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	14.58	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0614	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	17.83	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
26 05 33 13-0615	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.63	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0616	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	23.27	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
26 05 33 13-0617	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	30.60	9.66
		For Work In Restricted Working Space, Add	*7.25*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.83*	
		For Elevated Installation >20' To 25', Add	*6.04*	
		For Elevated Installation >25' To 30', Add	*8.46*	
		For Elevated Installation >30' To 35', Add	*9.66*	
		For Elevated Installation >35' To 40', Add	*12.08*	
		For Elevated Installation >40', Add	*13.29*	
26 05 33 13-0618	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	41.54	10.92
		For Work In Restricted Working Space, Add	*8.19*	
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.66*	
		For Elevated Installation >40', Add	*15.02*	
26 05 33 13-0619	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	53.44	12.19
		For Work In Restricted Working Space, Add	*9.14*	
		For Elevated Installation >10' To 15', Add	*3.05*	
		For Elevated Installation >15' To 20', Add	*6.09*	
		For Elevated Installation >20' To 25', Add	*7.62*	
		For Elevated Installation >25' To 30', Add	*10.66*	
		For Elevated Installation >30' To 35', Add	*12.18*	
		For Elevated Installation >35' To 40', Add	*15.23*	
		For Elevated Installation >40', Add	*16.75*	
26 05 33 13-0620	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	60.81	13.44
		For Work In Restricted Working Space, Add	*10.09*	
		For Elevated Installation >10' To 15', Add	*3.36*	
		For Elevated Installation >15' To 20', Add	*6.72*	
		For Elevated Installation >20' To 25', Add	*8.41*	
		For Elevated Installation >25' To 30', Add	*11.77*	
		For Elevated Installation >30' To 35', Add	*13.45*	
		For Elevated Installation >35' To 40', Add	*16.81*	
		For Elevated Installation >40', Add	*18.49*	
26 05 33 13-0621	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	127.17	36.09
		For Work In Restricted Working Space, Add	*27.07*	
		For Elevated Installation >10' To 15', Add	*9.02*	
		For Elevated Installation >15' To 20', Add	*18.04*	
		For Elevated Installation >20' To 25', Add	*22.56*	
		For Elevated Installation >25' To 30', Add	*31.58*	
		For Elevated Installation >30' To 35', Add	*36.09*	
		For Elevated Installation >35' To 40', Add	*45.11*	
		For Elevated Installation >40', Add	*49.62*	

26 05 33 13-0622 Electrical Metallic Tubing (EMT) 45 Degree Elbows *(26 05 33 13-0599)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0623	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	13.55	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.31*	
		For Elevated Installation >20' To 25', Add	*2.89*	
		For Elevated Installation >25' To 30', Add	*4.05*	
		For Elevated Installation >30' To 35', Add	*4.62*	
		For Elevated Installation >35' To 40', Add	*5.78*	
		For Elevated Installation >40', Add	*6.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0624	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	14.72	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0625	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow	18.14	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
26 05 33 13-0626	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	20.22	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0627	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	24.02	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
26 05 33 13-0628	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	30.36	9.66
		For Work In Restricted Working Space, Add	*7.25*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.83*	
		For Elevated Installation >20' To 25', Add	*6.04*	
		For Elevated Installation >25' To 30', Add	*8.46*	
		For Elevated Installation >30' To 35', Add	*9.66*	
		For Elevated Installation >35' To 40', Add	*12.08*	
		For Elevated Installation >40', Add	*13.29*	
26 05 33 13-0629	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	43.72	10.92
		For Work In Restricted Working Space, Add	*8.19*	
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.66*	
		For Elevated Installation >40', Add	*15.02*	
26 05 33 13-0630	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow	55.17	12.19
		For Work In Restricted Working Space, Add	*9.14*	
		For Elevated Installation >10' To 15', Add	*3.05*	
		For Elevated Installation >15' To 20', Add	*6.09*	
		For Elevated Installation >20' To 25', Add	*7.62*	
		For Elevated Installation >25' To 30', Add	*10.66*	
		For Elevated Installation >30' To 35', Add	*12.18*	
		For Elevated Installation >35' To 40', Add	*15.23*	
		For Elevated Installation >40', Add	*16.75*	
26 05 33 13-0631	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	65.50	13.44
		For Work In Restricted Working Space, Add	*10.09*	
		For Elevated Installation >10' To 15', Add	*3.36*	
		For Elevated Installation >15' To 20', Add	*6.72*	
		For Elevated Installation >20' To 25', Add	*8.41*	
		For Elevated Installation >25' To 30', Add	*11.77*	
		For Elevated Installation >30' To 35', Add	*13.45*	
		For Elevated Installation >35' To 40', Add	*16.81*	
		For Elevated Installation >40', Add	*18.49*	
26 05 33 13-0632	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	123.88	36.09
		For Work In Restricted Working Space, Add	*27.07*	
		For Elevated Installation >10' To 15', Add	*9.02*	
		For Elevated Installation >15' To 20', Add	*18.04*	
		For Elevated Installation >20' To 25', Add	*22.56*	
		For Elevated Installation >25' To 30', Add	*31.58*	
		For Elevated Installation >30' To 35', Add	*36.09*	
		For Elevated Installation >35' To 40', Add	*45.11*	
		For Elevated Installation >40', Add	*49.62*	

26 05 33 13-0633 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0599)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0634	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.51	2.52
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0635	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.69	2.52
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
26 05 33 13-0636	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	7.93	2.94
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0637	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	10.71	3.79
		For Work In Restricted Working Space, Add	*2.84*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.89*	
		For Elevated Installation >20' To 25', Add	*2.36*	
		For Elevated Installation >25' To 30', Add	*3.31*	
		For Elevated Installation >30' To 35', Add	*3.78*	
		For Elevated Installation >35' To 40', Add	*4.73*	
		For Elevated Installation >40', Add	*5.20*	
26 05 33 13-0638	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	13.22	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.31*	
		For Elevated Installation >20' To 25', Add	*2.89*	
		For Elevated Installation >25' To 30', Add	*4.05*	
		For Elevated Installation >30' To 35', Add	*4.62*	
		For Elevated Installation >35' To 40', Add	*5.78*	
		For Elevated Installation >40', Add	*6.36*	
26 05 33 13-0639	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	17.96	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
26 05 33 13-0640	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	24.88	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.51*	
		For Elevated Installation >40', Add	*11.56*	
26 05 33 13-0641	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	32.27	9.66
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
26 05 33 13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	36.27	10.50
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0643	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	105.28	29.90
		For Work In Restricted Working Space, Add	*29.04*	
		For Elevated Installation >10' To 15', Add	*9.68*	
		For Elevated Installation >15' To 20', Add	*19.36*	
		For Elevated Installation >20' To 25', Add	*24.20*	
		For Elevated Installation >25' To 30', Add	*33.88*	
		For Elevated Installation >30' To 35', Add	*38.72*	
		For Elevated Installation >35' To 40', Add	*48.40*	
		For Elevated Installation >40', Add	*53.24*	

26 05 33 13-0644 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0599)*

26 05 33 13-0645	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	6.95	2.52
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
26 05 33 13-0646	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.05	2.94
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
26 05 33 13-0647	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	11.47	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
26 05 33 13-0648	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	14.63	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0649	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	17.57	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
26 05 33 13-0650	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	23.41	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
26 05 33 13-0651	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	36.96	10.08
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.61*	
		For Elevated Installation >40', Add	*13.87*	
26 05 33 13-0652	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	42.76	11.77
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0653	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	53.47	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
26 05 33 13-0654	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	68.57	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	

26 05 33 13-0655 Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0599)*

26 05 33 13-0656	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	7.86	2.52
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-0657	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.05	2.94
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	
26 05 33 13-0658	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	13.37	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-0659	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	16.94	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0660	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	21.67	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0661	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	26.40	7.14
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0662	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	35.54	9.66
		For Work In Restricted Working Space, Add	*7.25*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.83*	
		For Elevated Installation >20' To 25', Add	*6.04*	
		For Elevated Installation >25' To 30', Add	*8.46*	
		For Elevated Installation >30' To 35', Add	*9.66*	
		For Elevated Installation >35' To 40', Add	*12.08*	
		For Elevated Installation >40', Add	*13.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.25*	
26 05 33 13-0663	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	44.87	11.77
		For Work In Restricted Working Space, Add	*8.82*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.29*	
		For Elevated Installation >30' To 35', Add	*11.76*	
		For Elevated Installation >35' To 40', Add	*14.71*	
		For Elevated Installation >40', Add	*16.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-0664	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	59.13	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0665	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	72.27	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	

26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Bushing *(26 05 33 13-0599)*

26 05 33 13-0667	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	7.13	2.83
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	
26 05 33 13-0668	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	7.80	3.04
		For Work In Restricted Working Space, Add	*2.30*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.53*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.68*	
		For Elevated Installation >30' To 35', Add	*3.07*	
		For Elevated Installation >35' To 40', Add	*3.84*	
		For Elevated Installation >40', Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.30*	
26 05 33 13-0669	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	9.78	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.68*	
		For Elevated Installation >40', Add	*5.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0670	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	12.51	4.83
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.19*	
		For Elevated Installation >30' To 35', Add	*4.79*	
		For Elevated Installation >35' To 40', Add	*5.99*	
		For Elevated Installation >40', Add	*6.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0671	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	14.80	5.56
		For Work In Restricted Working Space, Add	*4.19*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.79*	
		For Elevated Installation >20' To 25', Add	*3.49*	
		For Elevated Installation >25' To 30', Add	*4.89*	
		For Elevated Installation >30' To 35', Add	*5.59*	
		For Elevated Installation >35' To 40', Add	*6.99*	
		For Elevated Installation >40', Add	*7.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-0672	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	18.21	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-0673	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	26.33	9.35
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.83*	
		For Elevated Installation >25' To 30', Add	*8.16*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.66*	
		For Elevated Installation >40', Add	*12.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0674	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	34.93	12.39
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.22*	
		For Elevated Installation >20' To 25', Add	*7.77*	
		For Elevated Installation >25' To 30', Add	*10.88*	
		For Elevated Installation >30' To 35', Add	*12.44*	
		For Elevated Installation >35' To 40', Add	*15.55*	
		For Elevated Installation >40', Add	*17.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.33*	
26 05 33 13-0675	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	44.75	15.96
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.00*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.01*	
		For Elevated Installation >35' To 40', Add	*20.01*	
		For Elevated Installation >40', Add	*22.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-0676	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	57.79	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-0677 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0599)*

26 05 33 13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.46	2.10
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.58*	
26 05 33 13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.64	2.52
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0680	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	7.93	2.94
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	
26 05 33 13-0681	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	11.56	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-0682	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	14.14	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0683	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	18.03	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0684	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	27.35	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0685	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	34.02	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0686	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	40.23	12.60
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0687	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	46.87	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	

26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0599)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0689	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.38	2.83
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	
26 05 33 13-0690	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.21	3.04
		For Work In Restricted Working Space, Add	*2.30*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.53*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.68*	
		For Elevated Installation >30' To 35', Add	*3.07*	
		For Elevated Installation >35' To 40', Add	*3.84*	
		For Elevated Installation >40', Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.30*	
26 05 33 13-0691	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.32	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.68*	
		For Elevated Installation >40', Add	*5.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0692	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.59	4.83
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.19*	
		For Elevated Installation >30' To 35', Add	*4.79*	
		For Elevated Installation >35' To 40', Add	*5.99*	
		For Elevated Installation >40', Add	*6.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-0693	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	16.11	5.56
		For Work In Restricted Working Space, Add	*4.19*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.79*	
		For Elevated Installation >20' To 25', Add	*3.49*	
		For Elevated Installation >25' To 30', Add	*4.89*	
		For Elevated Installation >30' To 35', Add	*5.59*	
		For Elevated Installation >35' To 40', Add	*6.99*	
		For Elevated Installation >40', Add	*7.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-0694	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	19.75	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	32.92	9.35
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.83*	
		For Elevated Installation >25' To 30', Add	*8.16*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.66*	
		For Elevated Installation >40', Add	*12.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	42.58	12.39
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.22*	
		For Elevated Installation >20' To 25', Add	*7.77*	
		For Elevated Installation >25' To 30', Add	*10.88*	
		For Elevated Installation >30' To 35', Add	*12.44*	
		For Elevated Installation >35' To 40', Add	*15.55*	
		For Elevated Installation >40', Add	*17.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0697	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	54.39	15.96
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.00*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.01*	
		For Elevated Installation >35' To 40', Add	*20.01*	
		For Elevated Installation >40', Add	*22.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-0698	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	68.33	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-0699 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0599)*

26 05 33 13-0700	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.64	2.52
		For Work In Restricted Working Space, Add	*1.89*	
		For Elevated Installation >10' To 15', Add	*0.63*	
		For Elevated Installation >15' To 20', Add	*1.26*	
		For Elevated Installation >20' To 25', Add	*1.58*	
		For Elevated Installation >25' To 30', Add	*2.21*	
		For Elevated Installation >30' To 35', Add	*2.52*	
		For Elevated Installation >35' To 40', Add	*3.16*	
		For Elevated Installation >40', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-0701	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.85	2.94
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.21*	
26 05 33 13-0702	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	11.21	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-0703	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	13.94	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0704	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	16.59	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.36*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0705	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	21.64	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0706	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	33.43	10.08
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.61*	
		For Elevated Installation >40', Add	*13.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 05 33 13-0707	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	42.26	12.60
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0708	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	53.33	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0709	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	59.98	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.61*	

26 05 33 13-0710 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0599)*

26 05 33 13-0711	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.60	2.83
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	
26 05 33 13-0712	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.45	3.04
		For Work In Restricted Working Space, Add	*2.30*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.53*	
		For Elevated Installation >20' To 25', Add	*1.92*	
		For Elevated Installation >25' To 30', Add	*2.68*	
		For Elevated Installation >30' To 35', Add	*3.07*	
		For Elevated Installation >35' To 40', Add	*3.84*	
		For Elevated Installation >40', Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.30*	
26 05 33 13-0713	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	10.51	3.79
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.68*	
		For Elevated Installation >40', Add	*5.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	14.15	4.83
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.19*	
		For Elevated Installation >30' To 35', Add	*4.79*	
		For Elevated Installation >35' To 40', Add	*5.99*	
		For Elevated Installation >40', Add	*6.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0715	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	17.04	5.56
		For Work In Restricted Working Space, Add	*4.19*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.79*	
		For Elevated Installation >20' To 25', Add	*3.49*	
		For Elevated Installation >25' To 30', Add	*4.89*	
		For Elevated Installation >30' To 35', Add	*5.59*	
		For Elevated Installation >35' To 40', Add	*6.99*	
		For Elevated Installation >40', Add	*7.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-0716	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	21.10	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Elevated Installation >10' To 15', Add	*1.68*	
		For Elevated Installation >15' To 20', Add	*3.36*	
		For Elevated Installation >20' To 25', Add	*4.20*	
		For Elevated Installation >25' To 30', Add	*5.88*	
		For Elevated Installation >30' To 35', Add	*6.72*	
		For Elevated Installation >35' To 40', Add	*8.41*	
		For Elevated Installation >40', Add	*9.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-0717	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	37.88	9.35
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.83*	
		For Elevated Installation >25' To 30', Add	*8.16*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.66*	
		For Elevated Installation >40', Add	*12.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0718	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	50.91	12.39
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.22*	
		For Elevated Installation >20' To 25', Add	*7.77*	
		For Elevated Installation >25' To 30', Add	*10.88*	
		For Elevated Installation >30' To 35', Add	*12.44*	
		For Elevated Installation >35' To 40', Add	*15.55*	
		For Elevated Installation >40', Add	*17.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.33*	
26 05 33 13-0719	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	68.98	15.96
		For Work In Restricted Working Space, Add	*12.01*	
		For Elevated Installation >10' To 15', Add	*4.00*	
		For Elevated Installation >15' To 20', Add	*8.00*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.01*	
		For Elevated Installation >30' To 35', Add	*16.01*	
		For Elevated Installation >35' To 40', Add	*20.01*	
		For Elevated Installation >40', Add	*22.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 05 33 13-0720	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	86.39	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-0721 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0599)*

Note: Excludes jumper.

26 05 33 13-0722	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	57.93	13.97
		For Work In Restricted Working Space, Add	*10.49*	
		For Elevated Installation >10' To 15', Add	*3.50*	
		For Elevated Installation >15' To 20', Add	*6.99*	
		For Elevated Installation >20' To 25', Add	*8.74*	
		For Elevated Installation >25' To 30', Add	*12.24*	
		For Elevated Installation >30' To 35', Add	*13.98*	
		For Elevated Installation >35' To 40', Add	*17.48*	
		For Elevated Installation >40', Add	*19.23*	
26 05 33 13-0723	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	69.77	16.91
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.95*	
		For Elevated Installation >35' To 40', Add	*21.19*	
		For Elevated Installation >40', Add	*23.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0724	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	85.69	21.22
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.54*	
		For Elevated Installation >30' To 35', Add	*21.19*	
		For Elevated Installation >35' To 40', Add	*26.49*	
		For Elevated Installation >40', Add	*29.13*	
26 05 33 13-0725	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	111.00	26.04
		For Work In Restricted Working Space, Add	*19.55*	
		For Elevated Installation >10' To 15', Add	*6.52*	
		For Elevated Installation >15' To 20', Add	*13.03*	
		For Elevated Installation >20' To 25', Add	*16.29*	
		For Elevated Installation >25' To 30', Add	*22.81*	
		For Elevated Installation >30' To 35', Add	*26.06*	
		For Elevated Installation >35' To 40', Add	*32.58*	
		For Elevated Installation >40', Add	*35.84*	
26 05 33 13-0726	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	138.19	30.56
		For Work In Restricted Working Space, Add	*22.93*	
		For Elevated Installation >10' To 15', Add	*7.64*	
		For Elevated Installation >15' To 20', Add	*15.28*	
		For Elevated Installation >20' To 25', Add	*19.11*	
		For Elevated Installation >25' To 30', Add	*26.75*	
		For Elevated Installation >30' To 35', Add	*30.57*	
		For Elevated Installation >35' To 40', Add	*38.21*	
		For Elevated Installation >40', Add	*42.03*	
26 05 33 13-0727	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	173.38	37.18
		For Work In Restricted Working Space, Add	*27.92*	
		For Elevated Installation >10' To 15', Add	*9.31*	
		For Elevated Installation >15' To 20', Add	*18.61*	
		For Elevated Installation >20' To 25', Add	*23.26*	
		For Elevated Installation >25' To 30', Add	*32.57*	
		For Elevated Installation >30' To 35', Add	*37.22*	
		For Elevated Installation >35' To 40', Add	*46.53*	
		For Elevated Installation >40', Add	*51.18*	
26 05 33 13-0728	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	334.53	47.79
		For Work In Restricted Working Space, Add	*35.85*	
		For Elevated Installation >10' To 15', Add	*11.95*	
		For Elevated Installation >15' To 20', Add	*23.90*	
		For Elevated Installation >20' To 25', Add	*29.88*	
		For Elevated Installation >25' To 30', Add	*41.83*	
		For Elevated Installation >30' To 35', Add	*47.80*	
		For Elevated Installation >35' To 40', Add	*59.76*	
		For Elevated Installation >40', Add	*65.73*	
26 05 33 13-0729	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	409.55	55.88
		For Work In Restricted Working Space, Add	*41.92*	
		For Elevated Installation >10' To 15', Add	*13.97*	
		For Elevated Installation >15' To 20', Add	*27.95*	
		For Elevated Installation >20' To 25', Add	*34.94*	
		For Elevated Installation >25' To 30', Add	*48.91*	
		For Elevated Installation >30' To 35', Add	*55.90*	
		For Elevated Installation >35' To 40', Add	*69.87*	
		For Elevated Installation >40', Add	*76.86*	
26 05 33 13-0730	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	504.17	60.92
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.32*	
		For Elevated Installation >30' To 35', Add	*60.94*	
		For Elevated Installation >35' To 40', Add	*76.18*	
		For Elevated Installation >40', Add	*83.79*	
26 05 33 13-0731	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	545.50	67.22
		For Work In Restricted Working Space, Add	*50.44*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.62*	
		For Elevated Installation >20' To 25', Add	*42.03*	
		For Elevated Installation >25' To 30', Add	*58.84*	
		For Elevated Installation >30' To 35', Add	*67.25*	
		For Elevated Installation >35' To 40', Add	*84.06*	
		For Elevated Installation >40', Add	*92.47*	

26 05 33 13-0732 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0599)

26 05 33 13-0733	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.72	3.79
		For Work In Restricted Working Space, Add	*2.80*	
		For Elevated Installation >10' To 15', Add	*0.93*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.33*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.73*	
		For Elevated Installation >35' To 40', Add	*4.67*	
		For Elevated Installation >40', Add	*5.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0734	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.47	3.79
		For Work In Restricted Working Space, Add	*2.80*	
		For Elevated Installation >10' To 15', Add	*0.93*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.33*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.73*	
		For Elevated Installation >35' To 40', Add	*4.67*	
		For Elevated Installation >40', Add	*5.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.80*	
26 05 33 13-0735	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.82	4.10
		For Work In Restricted Working Space, Add	*3.11*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.07*	
		For Elevated Installation >20' To 25', Add	*2.59*	
		For Elevated Installation >25' To 30', Add	*3.63*	
		For Elevated Installation >30' To 35', Add	*4.14*	
		For Elevated Installation >35' To 40', Add	*5.18*	
		For Elevated Installation >40', Add	*5.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.11*	
26 05 33 13-0736	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.95	4.73
		For Work In Restricted Working Space, Add	*3.54*	
		For Elevated Installation >10' To 15', Add	*1.18*	
		For Elevated Installation >15' To 20', Add	*2.36*	
		For Elevated Installation >20' To 25', Add	*2.95*	
		For Elevated Installation >25' To 30', Add	*4.13*	
		For Elevated Installation >30' To 35', Add	*4.72*	
		For Elevated Installation >35' To 40', Add	*5.90*	
		For Elevated Installation >40', Add	*6.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.54*	
26 05 33 13-0737	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	21.40	5.67
		For Work In Restricted Working Space, Add	*4.28*	
		For Elevated Installation >10' To 15', Add	*1.43*	
		For Elevated Installation >15' To 20', Add	*2.85*	
		For Elevated Installation >20' To 25', Add	*3.57*	
		For Elevated Installation >25' To 30', Add	*4.99*	
		For Elevated Installation >30' To 35', Add	*5.71*	
		For Elevated Installation >35' To 40', Add	*7.14*	
		For Elevated Installation >40', Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.28*	
26 05 33 13-0738	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	26.23	6.52
		For Work In Restricted Working Space, Add	*4.89*	
		For Elevated Installation >10' To 15', Add	*1.63*	
		For Elevated Installation >15' To 20', Add	*3.26*	
		For Elevated Installation >20' To 25', Add	*4.08*	
		For Elevated Installation >25' To 30', Add	*5.71*	
		For Elevated Installation >30' To 35', Add	*6.52*	
		For Elevated Installation >35' To 40', Add	*8.16*	
		For Elevated Installation >40', Add	*8.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.89*	
26 05 33 13-0739	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	34.21	8.19
		For Work In Restricted Working Space, Add	*6.11*	
		For Elevated Installation >10' To 15', Add	*2.04*	
		For Elevated Installation >15' To 20', Add	*4.07*	
		For Elevated Installation >20' To 25', Add	*5.09*	
		For Elevated Installation >25' To 30', Add	*7.13*	
		For Elevated Installation >30' To 35', Add	*8.15*	
		For Elevated Installation >35' To 40', Add	*10.19*	
		For Elevated Installation >40', Add	*11.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	

26 05 33 13-0740 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0599)*

26 05 33 13-0741	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	22.51	9.46
		For Work In Restricted Working Space, Add	*5.67*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-0742	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	26.24	11.02
		For Work In Restricted Working Space, Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.62*	
26 05 33 13-0743	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	32.67	12.60
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 05 33 13-0744	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	41.78	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	

26 05 33 13-0745 Intermediate Metal Conduit (IMC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0746 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0745)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0747	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	8.07	2.10
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000, Deduct	*-0.26*	
		For Installation In Metal Stud Wall, Add	*0.55*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.37*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.82*	
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.09*	
		For Elevated Installation >20' To 25', Add	*1.37*	
		For Elevated Installation >25' To 30', Add	*1.91*	
		For Elevated Installation >30' To 35', Add	*2.18*	
		For Elevated Installation >35' To 40', Add	*2.73*	
		For Elevated Installation >40', Add	*3.00*	
26 05 33 13-0748	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	9.63	2.31
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000, Deduct	*-0.31*	
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.63*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.96*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.30*	
		For Elevated Installation >20' To 25', Add	*1.63*	
		For Elevated Installation >25' To 30', Add	*2.28*	
		For Elevated Installation >30' To 35', Add	*2.61*	
		For Elevated Installation >35' To 40', Add	*3.26*	
		For Elevated Installation >40', Add	*3.59*	
26 05 33 13-0749	LF	1" Intermediate Metal Conduit (IMC) Conduit	13.00	2.52
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.48*	
		For Installation In Metal Stud Wall, Add	*0.82*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.05*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.23*	
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.10*	
		For Elevated Installation >40', Add	*4.50*	
26 05 33 13-0750	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	15.13	5.04
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For Installation In Metal Stud Wall, Add	*0.90*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.26*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.71*	
		For Elevated Installation >10' To 15', Add	*0.90*	
		For Elevated Installation >15' To 20', Add	*1.81*	
		For Elevated Installation >20' To 25', Add	*2.26*	
		For Elevated Installation >25' To 30', Add	*3.16*	
		For Elevated Installation >30' To 35', Add	*3.62*	
		For Elevated Installation >35' To 40', Add	*4.52*	
		For Elevated Installation >40', Add	*4.97*	
26 05 33 13-0751	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	17.06	3.36
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000, Deduct	*-0.72*	
		For Installation In Metal Stud Wall, Add	*0.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.47*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.48*	
		For Work In Restricted Working Space, Add	*2.96*	
		For Elevated Installation >10' To 15', Add	*0.99*	
		For Elevated Installation >15' To 20', Add	*1.97*	
		For Elevated Installation >20' To 25', Add	*2.47*	
		For Elevated Installation >25' To 30', Add	*3.45*	
		For Elevated Installation >30' To 35', Add	*3.95*	
		For Elevated Installation >35' To 40', Add	*4.94*	
		For Elevated Installation >40', Add	*5.43*	
26 05 33 13-0752	LF	2" Intermediate Metal Conduit (IMC) Conduit	21.73	3.79
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-0.98*	
		For Installation In Metal Stud Wall, Add	*1.20*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.00*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.80*	
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >10' To 15', Add	*1.20*	
		For Elevated Installation >15' To 20', Add	*2.40*	
		For Elevated Installation >20' To 25', Add	*3.00*	
		For Elevated Installation >25' To 30', Add	*4.19*	
		For Elevated Installation >30' To 35', Add	*4.79*	
		For Elevated Installation >35' To 40', Add	*5.99*	
		For Elevated Installation >40', Add	*6.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0753	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	37.47	5.04
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000, Deduct	*-2.16*	
		For Installation In Metal Stud Wall, Add	*1.59*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.97*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.38*	
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.17*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.55*	
		For Elevated Installation >30' To 35', Add	*6.34*	
		For Elevated Installation >35' To 40', Add	*7.93*	
		For Elevated Installation >40', Add	*8.72*	
26 05 33 13-0754	LF	3" Intermediate Metal Conduit (IMC) Conduit	47.60	6.31
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.00*	
		For >1,000, Deduct	*-2.66*	
		For Installation In Metal Stud Wall, Add	*2.10*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.25*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.15*	
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
26 05 33 13-0755	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	54.87	7.56
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.08*	
		For Installation In Metal Stud Wall, Add	*2.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.02*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.61*	
		For Work In Restricted Working Space, Add	*7.22*	
		For Elevated Installation >10' To 15', Add	*2.41*	
		For Elevated Installation >15' To 20', Add	*4.81*	
		For Elevated Installation >20' To 25', Add	*6.02*	
		For Elevated Installation >25' To 30', Add	*8.42*	
		For Elevated Installation >30' To 35', Add	*9.62*	
		For Elevated Installation >35' To 40', Add	*12.03*	
		For Elevated Installation >40', Add	*13.23*	
26 05 33 13-0756	LF	4" Intermediate Metal Conduit (IMC) Conduit	64.30	8.83
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.63*	
		For Installation In Metal Stud Wall, Add	*2.80*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.01*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.21*	
		For Work In Restricted Working Space, Add	*8.41*	
		For Elevated Installation >10' To 15', Add	*2.80*	
		For Elevated Installation >15' To 20', Add	*5.61*	
		For Elevated Installation >20' To 25', Add	*7.01*	
		For Elevated Installation >25' To 30', Add	*9.81*	
		For Elevated Installation >30' To 35', Add	*11.22*	
		For Elevated Installation >35' To 40', Add	*14.02*	
		For Elevated Installation >40', Add	*15.42*	

26 05 33 13-0757 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0745)*

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0758	EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	37.49	10.40
		For Work In Restricted Working Space, Add	*7.82*	
		For Elevated Installation >10' To 15', Add	*2.61*	
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Elevated Installation >20' To 25', Add	*6.52*	
		For Elevated Installation >25' To 30', Add	*9.13*	
		For Elevated Installation >30' To 35', Add	*10.43*	
		For Elevated Installation >35' To 40', Add	*13.04*	
		For Elevated Installation >40', Add	*14.34*	
26 05 33 13-0759	EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	45.24	12.92
		For Work In Restricted Working Space, Add	*9.73*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.49*	
		For Elevated Installation >20' To 25', Add	*8.11*	
		For Elevated Installation >25' To 30', Add	*11.35*	
		For Elevated Installation >30' To 35', Add	*12.97*	
		For Elevated Installation >35' To 40', Add	*16.22*	
		For Elevated Installation >40', Add	*17.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0760	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	57.74	15.86
		For Work In Restricted Working Space, Add	*11.86*	
		For Elevated Installation >10' To 15', Add	*3.95*	
		For Elevated Installation >15' To 20', Add	*7.91*	
		For Elevated Installation >20' To 25', Add	*9.89*	
		For Elevated Installation >25' To 30', Add	*13.84*	
		For Elevated Installation >30' To 35', Add	*15.82*	
		For Elevated Installation >35' To 40', Add	*19.77*	
		For Elevated Installation >40', Add	*21.75*	
26 05 33 13-0761	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	71.43	18.38
		For Work In Restricted Working Space, Add	*13.77*	
		For Elevated Installation >10' To 15', Add	*4.59*	
		For Elevated Installation >15' To 20', Add	*9.18*	
		For Elevated Installation >20' To 25', Add	*11.48*	
		For Elevated Installation >25' To 30', Add	*16.07*	
		For Elevated Installation >30' To 35', Add	*18.36*	
		For Elevated Installation >35' To 40', Add	*22.96*	
		For Elevated Installation >40', Add	*25.25*	
26 05 33 13-0762	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	84.98	21.11
		For Work In Restricted Working Space, Add	*15.81*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.08*	
		For Elevated Installation >35' To 40', Add	*26.35*	
		For Elevated Installation >40', Add	*28.99*	
26 05 33 13-0763	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	104.44	23.21
		For Work In Restricted Working Space, Add	*17.39*	
		For Elevated Installation >10' To 15', Add	*5.80*	
		For Elevated Installation >15' To 20', Add	*11.59*	
		For Elevated Installation >20' To 25', Add	*14.49*	
		For Elevated Installation >25' To 30', Add	*20.29*	
		For Elevated Installation >30' To 35', Add	*23.19*	
		For Elevated Installation >35' To 40', Add	*28.99*	
		For Elevated Installation >40', Add	*31.88*	
26 05 33 13-0764	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	151.37	28.99
		For Work In Restricted Working Space, Add	*21.74*	
		For Elevated Installation >10' To 15', Add	*7.25*	
		For Elevated Installation >15' To 20', Add	*14.49*	
		For Elevated Installation >20' To 25', Add	*18.12*	
		For Elevated Installation >25' To 30', Add	*25.36*	
		For Elevated Installation >30' To 35', Add	*28.99*	
		For Elevated Installation >35' To 40', Add	*36.24*	
		For Elevated Installation >40', Add	*39.86*	
26 05 33 13-0765	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	219.52	39.50
		For Work In Restricted Working Space, Add	*29.62*	
		For Elevated Installation >10' To 15', Add	*9.87*	
		For Elevated Installation >15' To 20', Add	*19.75*	
		For Elevated Installation >20' To 25', Add	*24.68*	
		For Elevated Installation >25' To 30', Add	*34.56*	
		For Elevated Installation >30' To 35', Add	*39.49*	
		For Elevated Installation >35' To 40', Add	*49.37*	
		For Elevated Installation >40', Add	*54.30*	
26 05 33 13-0766	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	324.60	44.54
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.98*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.25*	
26 05 33 13-0767	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	392.28	57.98
		For Work In Restricted Working Space, Add	*43.48*	
		For Elevated Installation >10' To 15', Add	*14.49*	
		For Elevated Installation >15' To 20', Add	*28.98*	
		For Elevated Installation >20' To 25', Add	*36.23*	
		For Elevated Installation >25' To 30', Add	*50.72*	
		For Elevated Installation >30' To 35', Add	*57.97*	
		For Elevated Installation >35' To 40', Add	*72.46*	
		For Elevated Installation >40', Add	*79.71*	

26 05 33 13-0768 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0745)*

26 05 33 13-0769	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	14.44	5.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0770	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	17.10	0.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-0771	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	22.21	7.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-0772	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	27.16	9.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.25*	
26 05 33 13-0773	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	30.54	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0774	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	39.62	13.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0775	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	74.52	21.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0776	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	90.99	28.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.43*	
26 05 33 13-0777	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	120.44	34.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.52*	
26 05 33 13-0778	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	142.47	39.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.62*	
26 05 33 13-0779		Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0745)*		
		Note: 3-Piece coupling.		
26 05 33 13-0780	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	48.19	16.81
		For Work In Restricted Working Space, Add	*12.62*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.41*	
		For Elevated Installation >20' To 25', Add	*10.52*	
		For Elevated Installation >25' To 30', Add	*14.72*	
		For Elevated Installation >30' To 35', Add	*16.83*	
		For Elevated Installation >35' To 40', Add	*21.04*	
		For Elevated Installation >40', Add	*23.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.62*	
26 05 33 13-0781	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	54.82	18.81
		For Work In Restricted Working Space, Add	*14.08*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.39*	
		For Elevated Installation >20' To 25', Add	*11.74*	
		For Elevated Installation >25' To 30', Add	*16.43*	
		For Elevated Installation >30' To 35', Add	*18.78*	
		For Elevated Installation >35' To 40', Add	*23.47*	
		For Elevated Installation >40', Add	*25.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.08*	
26 05 33 13-0782	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	67.49	20.90
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.07*	
		For Elevated Installation >25' To 30', Add	*18.30*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.15*	
		For Elevated Installation >40', Add	*28.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-0783	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	85.19	22.90
		For Work In Restricted Working Space, Add	*17.17*	
		For Elevated Installation >10' To 15', Add	*5.72*	
		For Elevated Installation >15' To 20', Add	*11.45*	
		For Elevated Installation >20' To 25', Add	*14.31*	
		For Elevated Installation >25' To 30', Add	*20.03*	
		For Elevated Installation >30' To 35', Add	*22.89*	
		For Elevated Installation >35' To 40', Add	*28.62*	
		For Elevated Installation >40', Add	*31.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.17*	
26 05 33 13-0784	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	97.71	25.00
		For Work In Restricted Working Space, Add	*18.78*	
		For Elevated Installation >10' To 15', Add	*6.26*	
		For Elevated Installation >15' To 20', Add	*12.52*	
		For Elevated Installation >20' To 25', Add	*15.65*	
		For Elevated Installation >25' To 30', Add	*21.91*	
		For Elevated Installation >30' To 35', Add	*25.04*	
		For Elevated Installation >35' To 40', Add	*31.31*	
		For Elevated Installation >40', Add	*34.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.78*	
26 05 33 13-0785	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	137.99	27.10
		For Work In Restricted Working Space, Add	*20.34*	
		For Elevated Installation >10' To 15', Add	*6.78*	
		For Elevated Installation >15' To 20', Add	*13.56*	
		For Elevated Installation >20' To 25', Add	*16.95*	
		For Elevated Installation >25' To 30', Add	*23.73*	
		For Elevated Installation >30' To 35', Add	*27.12*	
		For Elevated Installation >35' To 40', Add	*33.90*	
		For Elevated Installation >40', Add	*37.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.34*	
26 05 33 13-0786	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	234.17	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0787	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	334.00	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	
26 05 33 13-0788	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	493.93	50.42
		For Work In Restricted Working Space, Add	*37.83*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.22*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.13*	
		For Elevated Installation >30' To 35', Add	*50.44*	
		For Elevated Installation >35' To 40', Add	*63.05*	
		For Elevated Installation >40', Add	*69.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.83*	
26 05 33 13-0789	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	571.95	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	

26 05 33 13-0790 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0745)*

26 05 33 13-0791	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	27.66	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.55*	
26 05 33 13-0792	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	30.99	9.25
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.71*	
26 05 33 13-0793	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	35.65	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	
26 05 33 13-0794	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	40.74	11.35
		For Work In Restricted Working Space, Add	*8.51*	
		For Elevated Installation >10' To 15', Add	*2.84*	
		For Elevated Installation >15' To 20', Add	*5.67*	
		For Elevated Installation >20' To 25', Add	*7.09*	
		For Elevated Installation >25' To 30', Add	*9.92*	
		For Elevated Installation >30' To 35', Add	*11.34*	
		For Elevated Installation >35' To 40', Add	*14.18*	
		For Elevated Installation >40', Add	*15.59*	
26 05 33 13-0795	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	48.79	12.60
		For Work In Restricted Working Space, Add	*9.46*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.61*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0796	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	60.19	13.87
		For Work In Restricted Working Space, Add	*10.40*	
		For Elevated Installation >10' To 15', Add	*3.47*	
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Elevated Installation >20' To 25', Add	*8.67*	
		For Elevated Installation >25' To 30', Add	*12.13*	
		For Elevated Installation >30' To 35', Add	*13.87*	
		For Elevated Installation >35' To 40', Add	*17.34*	
		For Elevated Installation >40', Add	*19.07*	
26 05 33 13-0797	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	82.93	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
26 05 33 13-0798	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	102.44	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0799	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	123.08	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0800	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	139.59	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	

26 05 33 13-0801 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0745)*

26 05 33 13-0802	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	23.79	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.51*	
		For Elevated Installation >40', Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0803	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	30.43	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-0804	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	37.68	12.60
		For Work In Restricted Working Space, Add	*9.46*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.61*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0805	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	45.48	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0806	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	53.23	16.81
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.60*	
26 05 33 13-0807	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	63.48	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.90*	
		For Elevated Installation >35' To 40', Add	*23.63*	
		For Elevated Installation >40', Add	*25.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.18*	
26 05 33 13-0808	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	79.70	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0809	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	94.37	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-0810	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	115.71	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-0811	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	133.39	29.41
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.70*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.73*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.76*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	

26 05 33 13-0812 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0745)*

26 05 33 13-0813	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	162.13	16.81
		For Work In Restricted Working Space, Add	*12.61*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0814	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	179.39	18.91
		For Work In Restricted Working Space, Add	*14.18*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
26 05 33 13-0815	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	199.36	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
26 05 33 13-0816	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	240.94	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
26 05 33 13-0817	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	295.36	25.21
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
26 05 33 13-0818	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	388.66	27.31
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.30*	
		For Elevated Installation >35' To 40', Add	*34.13*	
		For Elevated Installation >40', Add	*37.54*	
26 05 33 13-0819	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	587.30	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
26 05 33 13-0820	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	705.98	42.02
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
26 05 33 13-0821	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	984.57	50.42
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.52*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
26 05 33 13-0822	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,138.88	54.62
		For Work In Restricted Working Space, Add	*40.96*	
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.31*	
		For Elevated Installation >20' To 25', Add	*34.14*	
		For Elevated Installation >25' To 30', Add	*47.79*	
		For Elevated Installation >30' To 35', Add	*54.62*	
		For Elevated Installation >35' To 40', Add	*68.27*	
		For Elevated Installation >40', Add	*75.10*	

26 05 33 13-0823 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0745)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0824	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	98.74	26.26
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-0825	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	117.30	31.51
		For Work In Restricted Working Space, Add	*18.91*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.91*	
26 05 33 13-0826	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	143.29	36.77
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-0827	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	168.75	42.02
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-0828	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	222.08	47.27
		For Work In Restricted Working Space, Add	*28.36*	
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.91*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.09*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.27*	
		For Elevated Installation >40', Add	*51.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.36*	
26 05 33 13-0829	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	270.29	52.52
		For Work In Restricted Working Space, Add	*31.51*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*21.01*	
		For Elevated Installation >20' To 25', Add	*26.26*	
		For Elevated Installation >25' To 30', Add	*36.76*	
		For Elevated Installation >30' To 35', Add	*42.02*	
		For Elevated Installation >35' To 40', Add	*52.52*	
		For Elevated Installation >40', Add	*57.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	
26 05 33 13-0830	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	382.80	63.02
		For Work In Restricted Working Space, Add	*37.82*	
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.51*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.82*	
26 05 33 13-0831	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	460.68	73.53
		For Work In Restricted Working Space, Add	*44.12*	
		For Elevated Installation >10' To 15', Add	*14.71*	
		For Elevated Installation >15' To 20', Add	*29.41*	
		For Elevated Installation >20' To 25', Add	*36.76*	
		For Elevated Installation >25' To 30', Add	*51.47*	
		For Elevated Installation >30' To 35', Add	*58.82*	
		For Elevated Installation >35' To 40', Add	*73.53*	
		For Elevated Installation >40', Add	*80.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0832	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,072.61	84.03
		For Work In Restricted Working Space, Add	*50.42*	
		For Elevated Installation >10' To 15', Add	*16.81*	
		For Elevated Installation >15' To 20', Add	*33.61*	
		For Elevated Installation >20' To 25', Add	*42.02*	
		For Elevated Installation >25' To 30', Add	*58.82*	
		For Elevated Installation >30' To 35', Add	*67.23*	
		For Elevated Installation >35' To 40', Add	*84.04*	
		For Elevated Installation >40', Add	*92.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.42*	
26 05 33 13-0833	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,235.94	94.53
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.17*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	

26 05 33 13-0834 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0745)*

26 05 33 13-0835	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	14.18	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
26 05 33 13-0836	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	19.77	7.14
		For Work In Restricted Working Space, Add	*5.36*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.47*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
26 05 33 13-0837	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	25.94	9.25
		For Work In Restricted Working Space, Add	*6.93*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.77*	
		For Elevated Installation >25' To 30', Add	*8.08*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.55*	
		For Elevated Installation >40', Add	*12.70*	
26 05 33 13-0838	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	29.84	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.51*	
		For Elevated Installation >35' To 40', Add	*13.14*	
		For Elevated Installation >40', Add	*14.45*	
26 05 33 13-0839	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	36.00	12.60
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.75*	
		For Elevated Installation >40', Add	*17.33*	
26 05 33 13-0840	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	41.65	14.29
		For Work In Restricted Working Space, Add	*10.72*	
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.29*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.65*	
26 05 33 13-0841	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	53.04	15.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.95*	
		For Elevated Installation >40', Add	*21.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0842	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	63.11	18.06
		For Work In Restricted Working Space, Add	*13.55*	
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.03*	
		For Elevated Installation >20' To 25', Add	*11.29*	
		For Elevated Installation >25' To 30', Add	*15.81*	
		For Elevated Installation >30' To 35', Add	*18.07*	
		For Elevated Installation >35' To 40', Add	*22.59*	
		For Elevated Installation >40', Add	*24.84*	
26 05 33 13-0843	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	73.36	19.75
		For Work In Restricted Working Space, Add	*14.81*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.88*	
		For Elevated Installation >20' To 25', Add	*12.35*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.16*	
26 05 33 13-0844	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	76.67	21.00
		For Work In Restricted Working Space, Add	*15.75*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.00*	
		For Elevated Installation >35' To 40', Add	*26.25*	
		For Elevated Installation >40', Add	*28.88*	

26 05 33 13-0845 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0745)*

26 05 33 13-0846	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.01	2.10
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	
26 05 33 13-0847	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.03	2.10
		For Work In Restricted Working Space, Add	*1.58*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.63*	
		For Elevated Installation >40', Add	*2.89*	

26 05 33 13-0848 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0059)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0849 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0848)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".

26 05 33 13-0850	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	13.30	2.94
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.15*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	
		For Work In Restricted Working Space, Add	*2.21*	
26 05 33 13-0851	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	15.29	3.36
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.32*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.62*	
		For Work In Restricted Working Space, Add	*2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0852	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	19.42	4.20
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.68*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
		For Work In Restricted Working Space, Add	*3.15*	
26 05 33 13-0853	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	23.91	5.04
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000, Deduct	*-2.08*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Work In Restricted Working Space, Add	*3.78*	
26 05 33 13-0854	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	29.50	6.31
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000, Deduct	*-2.56*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.15*	
		For Elevated Installation >20' To 25', Add	*3.94*	
		For Elevated Installation >25' To 30', Add	*5.51*	
		For Elevated Installation >30' To 35', Add	*6.30*	
		For Elevated Installation >35' To 40', Add	*7.88*	
		For Elevated Installation >40', Add	*8.66*	
		For Work In Restricted Working Space, Add	*4.73*	
26 05 33 13-0855	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	36.83	7.56
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-3.21*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.78*	
		For Elevated Installation >20' To 25', Add	*4.73*	
		For Elevated Installation >25' To 30', Add	*6.62*	
		For Elevated Installation >30' To 35', Add	*7.56*	
		For Elevated Installation >35' To 40', Add	*9.46*	
		For Elevated Installation >40', Add	*10.40*	
		For Work In Restricted Working Space, Add	*5.67*	
26 05 33 13-0856	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	49.24	8.83
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.14*	
		For >1,000, Deduct	*-4.37*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.41*	
		For Elevated Installation >20' To 25', Add	*5.52*	
		For Elevated Installation >25' To 30', Add	*7.72*	
		For Elevated Installation >30' To 35', Add	*8.82*	
		For Elevated Installation >35' To 40', Add	*11.03*	
		For Elevated Installation >40', Add	*12.13*	
		For Work In Restricted Working Space, Add	*6.62*	
26 05 33 13-0857	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	61.58	10.92
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.94*	
		For >1,000, Deduct	*-5.48*	
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.66*	
		For Elevated Installation >40', Add	*15.02*	
		For Work In Restricted Working Space, Add	*8.19*	
26 05 33 13-0858	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	75.54	13.44
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-6.71*	
		For Elevated Installation >10' To 15', Add	*3.36*	
		For Elevated Installation >15' To 20', Add	*6.72*	
		For Elevated Installation >20' To 25', Add	*8.41*	
		For Elevated Installation >25' To 30', Add	*11.77*	
		For Elevated Installation >30' To 35', Add	*13.45*	
		For Elevated Installation >35' To 40', Add	*16.81*	
		For Elevated Installation >40', Add	*18.49*	
		For Work In Restricted Working Space, Add	*10.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0859	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	89.33	15.96
		For >250 To 500, Deduct	*-3.47*	
		For >500 To 1,000, Deduct	*-5.70*	
		For >1,000, Deduct	*-7.94*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Work In Restricted Working Space, Add	*11.97*	
26 05 33 13-0860	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	134.85	18.91
		For >250 To 500, Deduct	*-5.56*	
		For >500 To 1,000, Deduct	*-8.93*	
		For >1,000, Deduct	*-12.30*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.45*	
		For Elevated Installation >20' To 25', Add	*11.82*	
		For Elevated Installation >25' To 30', Add	*16.54*	
		For Elevated Installation >30' To 35', Add	*18.91*	
		For Elevated Installation >35' To 40', Add	*23.64*	
		For Elevated Installation >40', Add	*26.00*	
		For Work In Restricted Working Space, Add	*14.18*	
26 05 33 13-0861	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	183.03	25.21
		For >250 To 500, Deduct	*-7.58*	
		For >500 To 1,000, Deduct	*-12.15*	
		For >1,000, Deduct	*-16.73*	
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Work In Restricted Working Space, Add	*18.91*	

26 05 33 13-0862 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0848)*

26 05 33 13-0863	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	18.88	6.31
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Work In Restricted Working Space, Add	*3.78*	
26 05 33 13-0864	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	24.43	8.93
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.57*	
		For Elevated Installation >20' To 25', Add	*4.46*	
		For Elevated Installation >25' To 30', Add	*6.25*	
		For Elevated Installation >30' To 35', Add	*7.14*	
		For Elevated Installation >35' To 40', Add	*8.93*	
		For Elevated Installation >40', Add	*9.82*	
		For Work In Restricted Working Space, Add	*5.36*	
26 05 33 13-0865	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	31.65	11.56
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.24*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.71*	
		For Work In Restricted Working Space, Add	*6.93*	
26 05 33 13-0866	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	36.23	13.13
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Work In Restricted Working Space, Add	*7.88*	
26 05 33 13-0867	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	43.36	15.75
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Work In Restricted Working Space, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0868	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	53.05	17.85
		For Elevated Installation >10' To 15', Add	*3.57*	
		For Elevated Installation >15' To 20', Add	*7.14*	
		For Elevated Installation >20' To 25', Add	*8.93*	
		For Elevated Installation >25' To 30', Add	*12.50*	
		For Elevated Installation >30' To 35', Add	*14.28*	
		For Elevated Installation >35' To 40', Add	*17.86*	
		For Elevated Installation >40', Add	*19.64*	
		For Work In Restricted Working Space, Add	*10.71*	
26 05 33 13-0869	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	82.82	17.85
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Work In Restricted Working Space, Add	*11.97*	
26 05 33 13-0870	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	97.28	24.68
		For Elevated Installation >10' To 15', Add	*4.52*	
		For Elevated Installation >15' To 20', Add	*9.03*	
		For Elevated Installation >20' To 25', Add	*11.29*	
		For Elevated Installation >25' To 30', Add	*15.81*	
		For Elevated Installation >30' To 35', Add	*18.07*	
		For Elevated Installation >35' To 40', Add	*22.59*	
		For Elevated Installation >40', Add	*24.84*	
		For Work In Restricted Working Space, Add	*13.55*	
26 05 33 13-0871	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	116.23	24.68
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.87*	
		For Elevated Installation >20' To 25', Add	*12.34*	
		For Elevated Installation >25' To 30', Add	*17.28*	
		For Elevated Installation >30' To 35', Add	*19.75*	
		For Elevated Installation >35' To 40', Add	*24.69*	
		For Elevated Installation >40', Add	*27.15*	
		For Work In Restricted Working Space, Add	*14.81*	
26 05 33 13-0872	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	130.69	26.26
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Work In Restricted Working Space, Add	*15.76*	
26 05 33 13-0873	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	317.74	31.51
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Work In Restricted Working Space, Add	*18.91*	
26 05 33 13-0874	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	358.07	36.77
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Work In Restricted Working Space, Add	*22.06*	

26 05 33 13-0875 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0848)*

Note: 90, 45, or 30-degree.

26 05 33 13-0876	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	56.15	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-0877	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	65.18	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0878	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	78.10	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0879	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	92.29	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0880	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	107.85	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0881	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	130.34	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0882	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	198.29	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0883	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	294.67	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-0884	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	362.96	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-0885	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	419.11	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-0886	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	863.12	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0887	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,355.06	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-0888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0889	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	129.98	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0890	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	146.46	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0891	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	167.16	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0892	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	198.77	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0893	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	275.75	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	

26 05 33 13-0894 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0895	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	144.02	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0896	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	169.65	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0897	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	183.78	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0898	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	235.03	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0899	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	310.71	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0900	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	398.33	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	

26 05 33 13-0901 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0902	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	160.79	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0903	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	181.72	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0904	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	205.11	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0905	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	247.05	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0906	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	350.87	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0907	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	445.49	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-0908	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	560.45	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-0909	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	634.28	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	

26 05 33 13-0910 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0911	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	189.77	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0912	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	210.07	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0913	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	237.30	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0914	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	293.39	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0915	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	422.76	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0916	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	525.39	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0917	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	609.24	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-0918	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	723.84	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	

26 05 33 13-0919 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0920	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	212.32	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0921	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	236.45	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0922	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	268.97	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0923	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	333.74	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0924	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	461.99	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0925	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	589.30	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-0926	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	727.85	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0927	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	806.05	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-0928	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,343.07	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	

26 05 33 13-0929 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0930	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	241.81	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0931	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	268.33	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0932	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	303.70	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0933	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	378.48	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0934	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	527.35	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0935	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	670.72	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-0936	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	787.29	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0937	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	912.18	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-0938	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,417.45	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-0939	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,942.80	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-0940 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0941	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	282.87	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0942	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	296.75	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0943	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	350.17	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0944	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	440.76	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0945	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	615.48	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-0946	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	780.49	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0947	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	952.53	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-0948	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,118.65	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-0949	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,660.07	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-0950	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	2,054.17	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-0951 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0848)*

26 05 33 13-0952	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	292.76	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-0953	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	344.82	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-0954	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	390.36	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-0955	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	459.49	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-0956	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	637.50	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0957	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	814.25	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-0958	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,042.52	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-0959	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,165.48	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-0960	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,725.25	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-0961	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,110.76	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-0962 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0848)*

26 05 33 13-0963	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	108.17	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-0964	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	132.36	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0965	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	176.56	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0966	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	290.27	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 05 33 13-0967	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	320.47	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-0968	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	405.07	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-0969	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,104.99	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-0970	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,318.67	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	
26 05 33 13-0971	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,751.89	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-0972 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0848)*

26 05 33 13-0973	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	103.67	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-0974	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	127.27	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0975	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	176.56	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 05 33 13-0976	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	287.65	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 05 33 13-0977	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	309.92	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-0978	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	405.20	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-0979	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,059.97	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-0980	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,285.83	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	
26 05 33 13-0981	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,751.81	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-0982 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0848)*

26 05 33 13-0983	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	93.70	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0984	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	112.15	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0985	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	132.35	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 05 33 13-0986	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	188.18	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 05 33 13-0987	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	219.83	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-0988	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	340.09	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-0989	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	934.60	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-0990	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,051.64	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	
26 05 33 13-0991	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,342.63	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-0992 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0848)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0993	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	160.36	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-0994	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	241.77	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0995	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	304.02	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 05 33 13-0996	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	350.92	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 05 33 13-0997	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	398.54	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-0998	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	524.70	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-0999	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,653.03	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-1000	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,929.87	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1001	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,372.40	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-1002 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0848)*

26 05 33 13-1003	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	178.05	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1004	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	258.47	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-1005	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	307.20	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 05 33 13-1006	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	356.16	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 05 33 13-1007	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	412.91	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-1008	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	650.94	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1009	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,843.51	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-1010	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,594.89	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	
26 05 33 13-1011	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,709.05	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-1012 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0848)*

26 05 33 13-1013	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	140.86	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1014	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	177.71	22.53
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.02*	
		For Elevated Installation >35' To 40', Add	*22.53*	
		For Elevated Installation >40', Add	*24.78*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-1015	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	212.93	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.57*	
26 05 33 13-1016	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	235.92	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1017	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	317.83	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-1018	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	449.45	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-1019	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,495.26	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-1020	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,683.18	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.35*	
		For Elevated Installation >35' To 40', Add	*64.19*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.51*	
26 05 33 13-1021	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,999.92	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.37*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.53*	

26 05 33 13-1022 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0848)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1023	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	127.19	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	
26 05 33 13-1024	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	143.46	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1025	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	177.50	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1026	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	232.46	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	
26 05 33 13-1027	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	271.38	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1028	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	370.14	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.78*	
		For Elevated Installation >25' To 30', Add	*45.89*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.11*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	
26 05 33 13-1029	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	623.02	92.17
		For Elevated Installation >10' To 15', Add	*18.44*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.18*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.31*	
26 05 33 13-1030	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	797.62	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.19*	
		For Work In Restricted Working Space, Add	*73.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.74*	
26 05 33 13-1031	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,108.97	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.17*	
26 05 33 13-1032	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,272.84	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1033		**Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover** *(26 05 33 13-0848)*		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1034	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	166.18	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1035	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	189.44	47.79
		For Elevated Installation >10' To 15', Add	*9.56*	
		For Elevated Installation >15' To 20', Add	*19.12*	
		For Elevated Installation >20' To 25', Add	*23.90*	
		For Elevated Installation >25' To 30', Add	*33.45*	
		For Elevated Installation >30' To 35', Add	*38.23*	
		For Elevated Installation >35' To 40', Add	*47.79*	
		For Elevated Installation >40', Add	*52.57*	
		For Work In Restricted Working Space, Add	*28.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.67*	
26 05 33 13-1036	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	231.56	52.57
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
		For Work In Restricted Working Space, Add	*31.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.54*	
26 05 33 13-1037	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	311.71	60.08
		For Elevated Installation >10' To 15', Add	*12.02*	
		For Elevated Installation >15' To 20', Add	*24.03*	
		For Elevated Installation >20' To 25', Add	*30.04*	
		For Elevated Installation >25' To 30', Add	*42.06*	
		For Elevated Installation >30' To 35', Add	*48.06*	
		For Elevated Installation >35' To 40', Add	*60.08*	
		For Elevated Installation >40', Add	*66.09*	
		For Work In Restricted Working Space, Add	*36.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.05*	
26 05 33 13-1038	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	368.52	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	
26 05 33 13-1039	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	502.18	80.56
		For Elevated Installation >10' To 15', Add	*16.11*	
		For Elevated Installation >15' To 20', Add	*32.23*	
		For Elevated Installation >20' To 25', Add	*40.28*	
		For Elevated Installation >25' To 30', Add	*56.40*	
		For Elevated Installation >30' To 35', Add	*64.45*	
		For Elevated Installation >35' To 40', Add	*80.57*	
		For Elevated Installation >40', Add	*88.62*	
		For Work In Restricted Working Space, Add	*48.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.34*	
26 05 33 13-1040		**Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover** *(26 05 33 13-0848)*		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1041	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	146.25	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1042	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	166.86	43.70
		For Elevated Installation >10' To 15', Add	*8.74*	
		For Elevated Installation >15' To 20', Add	*17.48*	
		For Elevated Installation >20' To 25', Add	*21.85*	
		For Elevated Installation >25' To 30', Add	*30.59*	
		For Elevated Installation >30' To 35', Add	*34.96*	
		For Elevated Installation >35' To 40', Add	*43.70*	
		For Elevated Installation >40', Add	*48.06*	
		For Work In Restricted Working Space, Add	*26.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.22*	
26 05 33 13-1043	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	202.04	47.79
		For Elevated Installation >10' To 15', Add	*9.56*	
		For Elevated Installation >15' To 20', Add	*19.12*	
		For Elevated Installation >20' To 25', Add	*23.90*	
		For Elevated Installation >25' To 30', Add	*33.45*	
		For Elevated Installation >30' To 35', Add	*38.23*	
		For Elevated Installation >35' To 40', Add	*47.79*	
		For Elevated Installation >40', Add	*52.57*	
		For Work In Restricted Working Space, Add	*28.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.67*	
26 05 33 13-1044	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	259.12	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1045	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	307.34	60.08
		For Elevated Installation >10' To 15', Add	*12.02*	
		For Elevated Installation >15' To 20', Add	*24.03*	
		For Elevated Installation >20' To 25', Add	*30.04*	
		For Elevated Installation >25' To 30', Add	*42.06*	
		For Elevated Installation >30' To 35', Add	*48.06*	
		For Elevated Installation >35' To 40', Add	*60.08*	
		For Elevated Installation >40', Add	*66.09*	
		For Work In Restricted Working Space, Add	*36.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.05*	
26 05 33 13-1046	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	412.44	70.32
		For Elevated Installation >10' To 15', Add	*14.06*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.16*	
		For Elevated Installation >25' To 30', Add	*49.22*	
		For Elevated Installation >30' To 35', Add	*56.26*	
		For Elevated Installation >35' To 40', Add	*70.32*	
		For Elevated Installation >40', Add	*77.35*	
		For Work In Restricted Working Space, Add	*42.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.19*	
26 05 33 13-1047	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	663.96	102.41
		For Elevated Installation >10' To 15', Add	*20.48*	
		For Elevated Installation >15' To 20', Add	*40.97*	
		For Elevated Installation >20' To 25', Add	*51.21*	
		For Elevated Installation >25' To 30', Add	*71.69*	
		For Elevated Installation >30' To 35', Add	*81.93*	
		For Elevated Installation >35' To 40', Add	*102.42*	
		For Elevated Installation >40', Add	*112.66*	
		For Work In Restricted Working Space, Add	*61.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.45*	
26 05 33 13-1048	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	878.95	133.13
		For Elevated Installation >10' To 15', Add	*26.63*	
		For Elevated Installation >15' To 20', Add	*53.25*	
		For Elevated Installation >20' To 25', Add	*66.57*	
		For Elevated Installation >25' To 30', Add	*93.19*	
		For Elevated Installation >30' To 35', Add	*106.51*	
		For Elevated Installation >35' To 40', Add	*133.14*	
		For Elevated Installation >40', Add	*146.45*	
		For Work In Restricted Working Space, Add	*79.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.88*	
26 05 33 13-1049	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,208.34	163.86
		For Elevated Installation >10' To 15', Add	*32.77*	
		For Elevated Installation >15' To 20', Add	*65.54*	
		For Elevated Installation >20' To 25', Add	*81.93*	
		For Elevated Installation >25' To 30', Add	*114.70*	
		For Elevated Installation >30' To 35', Add	*131.09*	
		For Elevated Installation >35' To 40', Add	*163.86*	
		For Elevated Installation >40', Add	*180.25*	
		For Work In Restricted Working Space, Add	*98.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1050	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,350.00	197.31
		For Elevated Installation >10' To 15', Add	*39.46*	
		For Elevated Installation >15' To 20', Add	*78.93*	
		For Elevated Installation >20' To 25', Add	*98.66*	
		For Elevated Installation >25' To 30', Add	*138.12*	
		For Elevated Installation >30' To 35', Add	*157.86*	
		For Elevated Installation >35' To 40', Add	*197.32*	
		For Elevated Installation >40', Add	*217.05*	
		For Work In Restricted Working Space, Add	*118.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.39*	
26 05 33 13-1051		Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0848)*		
26 05 33 13-1052	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	30.05	4.10
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.10*	
		For Elevated Installation >40', Add	*4.50*	
		For Work In Restricted Working Space, Add	*2.46*	
26 05 33 13-1053	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	33.71	4.78
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
		For Work In Restricted Working Space, Add	*2.87*	
26 05 33 13-1054	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	43.97	6.14
		For Elevated Installation >10' To 15', Add	*1.23*	
		For Elevated Installation >15' To 20', Add	*2.46*	
		For Elevated Installation >20' To 25', Add	*3.07*	
		For Elevated Installation >25' To 30', Add	*4.30*	
		For Elevated Installation >30' To 35', Add	*4.92*	
		For Elevated Installation >35' To 40', Add	*6.15*	
		For Elevated Installation >40', Add	*6.76*	
		For Work In Restricted Working Space, Add	*3.69*	
26 05 33 13-1055	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	56.56	7.51
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*3.00*	
		For Elevated Installation >20' To 25', Add	*3.76*	
		For Elevated Installation >25' To 30', Add	*5.26*	
		For Elevated Installation >30' To 35', Add	*6.01*	
		For Elevated Installation >35' To 40', Add	*7.51*	
		For Elevated Installation >40', Add	*8.26*	
		For Work In Restricted Working Space, Add	*4.51*	
26 05 33 13-1056	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	63.30	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
26 05 33 13-1057	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	78.39	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
26 05 33 13-1058	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	101.51	11.61
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.12*	
		For Elevated Installation >30' To 35', Add	*9.28*	
		For Elevated Installation >35' To 40', Add	*11.61*	
		For Elevated Installation >40', Add	*12.77*	
		For Work In Restricted Working Space, Add	*6.96*	
26 05 33 13-1059	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	111.07	16.39
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.55*	
		For Elevated Installation >20' To 25', Add	*8.19*	
		For Elevated Installation >25' To 30', Add	*11.47*	
		For Elevated Installation >30' To 35', Add	*13.11*	
		For Elevated Installation >35' To 40', Add	*16.39*	
		For Elevated Installation >40', Add	*18.02*	
		For Work In Restricted Working Space, Add	*9.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1060	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	135.05	18.43
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.37*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.90*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-1061	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	144.61	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	

26 05 33 13-1062 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0848)*

26 05 33 13-1063	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	143.76	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	
26 05 33 13-1064	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	159.22	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-1065	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	185.96	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1066	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	220.71	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	
26 05 33 13-1067	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	274.68	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1068	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	332.88	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1069	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	482.05	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.30*	
26 05 33 13-1070	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	618.14	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.74*	
26 05 33 13-1071	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,236.07	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.17*	
26 05 33 13-1072	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,809.94	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.25*	

26 05 33 13-1073 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0848)*

26 05 33 13-1074	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	245.57	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	
26 05 33 13-1075	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	264.49	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-1076	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	302.03	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1077	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	338.11	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1078	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	409.82	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1079	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	461.44	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	
26 05 33 13-1080	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	649.19	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.30*	
26 05 33 13-1081	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	904.38	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.74*	
26 05 33 13-1082	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,319.20	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.17*	
26 05 33 13-1083	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,918.72	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.25*	

26 05 33 13-1084 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0848)*

26 05 33 13-1085	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	196.56	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	
26 05 33 13-1086	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	209.60	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1087	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	240.82	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1088	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	268.68	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	
26 05 33 13-1089	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	369.40	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1090	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	463.88	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	
26 05 33 13-1091	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	720.27	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.30*	
26 05 33 13-1092	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,049.00	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.74*	
26 05 33 13-1093	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,319.20	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.17*	

26 05 33 13-1094 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0848)*

26 05 33 13-1095	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	259.96	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1096	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	288.49	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-1097	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	357.55	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1098	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	440.78	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	
26 05 33 13-1099	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	612.56	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	
26 05 33 13-1100	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	734.13	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.33*	

26 05 33 13-1101 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0848)*

26 05 33 13-1102	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	50.08	13.13
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Work In Restricted Working Space, Add	*7.88*	
26 05 33 13-1103	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	66.41	15.75
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.76*	
		For Elevated Installation >40', Add	*17.33*	
		For Work In Restricted Working Space, Add	*9.45*	
26 05 33 13-1104	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	84.40	21.00
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.51*	
		For Elevated Installation >25' To 30', Add	*14.71*	
		For Elevated Installation >30' To 35', Add	*16.81*	
		For Elevated Installation >35' To 40', Add	*21.01*	
		For Elevated Installation >40', Add	*23.11*	
		For Work In Restricted Working Space, Add	*12.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1105	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	116.12	26.26
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Work In Restricted Working Space, Add	*15.76*	
26 05 33 13-1106	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	152.38	31.51
		For Elevated Installation >10' To 15', Add	*6.30*	
		For Elevated Installation >15' To 20', Add	*12.60*	
		For Elevated Installation >20' To 25', Add	*15.76*	
		For Elevated Installation >25' To 30', Add	*22.06*	
		For Elevated Installation >30' To 35', Add	*25.21*	
		For Elevated Installation >35' To 40', Add	*31.51*	
		For Elevated Installation >40', Add	*34.66*	
		For Work In Restricted Working Space, Add	*18.91*	
26 05 33 13-1107	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	262.46	36.77
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Work In Restricted Working Space, Add	*22.06*	
26 05 33 13-1108	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	381.48	42.02
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Work In Restricted Working Space, Add	*25.21*	
26 05 33 13-1109	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	475.98	47.27
		For Elevated Installation >10' To 15', Add	*9.45*	
		For Elevated Installation >15' To 20', Add	*18.91*	
		For Elevated Installation >20' To 25', Add	*23.63*	
		For Elevated Installation >25' To 30', Add	*33.09*	
		For Elevated Installation >30' To 35', Add	*37.81*	
		For Elevated Installation >35' To 40', Add	*47.27*	
		For Elevated Installation >40', Add	*51.99*	
		For Work In Restricted Working Space, Add	*28.36*	
26 05 33 13-1110	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	662.62	55.14
		For Elevated Installation >10' To 15', Add	*11.03*	
		For Elevated Installation >15' To 20', Add	*22.06*	
		For Elevated Installation >20' To 25', Add	*27.57*	
		For Elevated Installation >25' To 30', Add	*38.60*	
		For Elevated Installation >30' To 35', Add	*44.12*	
		For Elevated Installation >35' To 40', Add	*55.15*	
		For Elevated Installation >40', Add	*60.66*	
		For Work In Restricted Working Space, Add	*33.09*	
26 05 33 13-1111	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	804.57	63.02
		For Elevated Installation >10' To 15', Add	*12.61*	
		For Elevated Installation >15' To 20', Add	*25.21*	
		For Elevated Installation >20' To 25', Add	*31.51*	
		For Elevated Installation >25' To 30', Add	*44.12*	
		For Elevated Installation >30' To 35', Add	*50.42*	
		For Elevated Installation >35' To 40', Add	*63.03*	
		For Elevated Installation >40', Add	*69.33*	
		For Work In Restricted Working Space, Add	*37.82*	
26 05 33 13-1112	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,287.73	99.79
		For Elevated Installation >10' To 15', Add	*19.96*	
		For Elevated Installation >15' To 20', Add	*39.91*	
		For Elevated Installation >20' To 25', Add	*49.89*	
		For Elevated Installation >25' To 30', Add	*69.85*	
		For Elevated Installation >30' To 35', Add	*79.83*	
		For Elevated Installation >35' To 40', Add	*99.79*	
		For Elevated Installation >40', Add	*109.76*	
		For Work In Restricted Working Space, Add	*59.87*	
26 05 33 13-1113	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,760.18	152.30
		For Elevated Installation >10' To 15', Add	*30.46*	
		For Elevated Installation >15' To 20', Add	*60.92*	
		For Elevated Installation >20' To 25', Add	*76.15*	
		For Elevated Installation >25' To 30', Add	*106.61*	
		For Elevated Installation >30' To 35', Add	*121.84*	
		For Elevated Installation >35' To 40', Add	*152.31*	
		For Elevated Installation >40', Add	*167.54*	
		For Work In Restricted Working Space, Add	*91.38*	

26 05 33 13-1114 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0848)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1115	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	185.38	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1116	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	219.18	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
26 05 33 13-1117	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	241.84	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1118	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	347.61	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1119	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	458.60	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1120	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	494.97	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1121	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,169.53	90.80
		For Elevated Installation >10' To 15', Add	*18.16*	
		For Elevated Installation >15' To 20', Add	*36.32*	
		For Elevated Installation >20' To 25', Add	*45.40*	
		For Elevated Installation >25' To 30', Add	*63.56*	
		For Elevated Installation >30' To 35', Add	*72.64*	
		For Elevated Installation >35' To 40', Add	*90.81*	
		For Elevated Installation >40', Add	*99.89*	
		For Work In Restricted Working Space, Add	*54.48*	
26 05 33 13-1122	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,233.95	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.19*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1123	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	2,018.89	153.62
		For Elevated Installation >10' To 15', Add	*30.73*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.54*	
		For Elevated Installation >30' To 35', Add	*122.90*	
		For Elevated Installation >35' To 40', Add	*153.63*	
		For Elevated Installation >40', Add	*168.99*	
		For Work In Restricted Working Space, Add	*92.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1124	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	2,102.41	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.96*	
		For Elevated Installation >30' To 35', Add	*149.67*	
		For Elevated Installation >35' To 40', Add	*187.09*	
		For Elevated Installation >40', Add	*205.79*	
		For Work In Restricted Working Space, Add	*112.25*	

26 05 33 13-1125 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0848)*

26 05 33 13-1126	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	270.66	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1127	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	308.34	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1128	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	608.74	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1129	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	638.53	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1130	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	873.02	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1131	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	931.10	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1132	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,790.73	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1133	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,883.94	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1134	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,760.30	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1135	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	3,125.42	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	

26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0848)*

26 05 33 13-1137	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	103.77	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1138	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	120.73	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1139	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	143.81	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1140	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	169.77	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	

26 05 33 13-1141 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0848)*

26 05 33 13-1142	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	81.55	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1143	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	94.06	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1144	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	130.82	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1145	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	169.87	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-1146	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	207.12	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1147	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	298.35	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1148	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	407.92	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	

26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0848)*

26 05 33 13-1150	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	103.82	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1151	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	123.81	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1152	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	143.84	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1153	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	169.82	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	

26 05 33 13-1154 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0848)*

26 05 33 13-1155	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	81.63	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1156	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	94.06	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1157	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	121.62	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1158	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	152.00	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-1159	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	178.01	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1160	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	205.13	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1161	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	384.15	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1162	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	439.82	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-1163	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	474.38	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-1164	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	585.04	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	

26 05 33 13-1165 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0848)*

26 05 33 13-1166	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	170.99	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.66*	
26 05 33 13-1167	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	184.69	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.53*	
26 05 33 13-1168	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	202.10	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.81*	
26 05 33 13-1169	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	271.78	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1170	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	346.19	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.77*	

26 05 33 13-1171 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover

(26 05 33 13-0848)

26 05 33 13-1172	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	206.20	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1173	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	222.06	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1174	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	259.61	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1175	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	371.59	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1176	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	604.80	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1177	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	653.22	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	

26 05 33 13-1178 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0848)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1179	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	226.18	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1180	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	255.39	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1181	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	278.62	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1182	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	390.91	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1183	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	650.89	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1184	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	695.52	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	

26 05 33 13-1185 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0848)*

26 05 33 13-1186	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	226.33	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1187	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	249.49	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1188	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	296.98	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1189	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	405.62	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1190	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	672.85	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1191	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	722.59	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	

26 05 33 13-1192 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0848)*

26 05 33 13-1193	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	281.65	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1194	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	310.98	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1195	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	336.96	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1196	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	852.68	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1197		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0848)*			
		Note: Excludes cover.			
26 05 33 13-1198	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		134.15	32.77
		For Elevated Installation >10' To 15', Add		*6.55*	
		For Elevated Installation >15' To 20', Add		*13.11*	
		For Elevated Installation >20' To 25', Add		*16.39*	
		For Elevated Installation >25' To 30', Add		*22.94*	
		For Elevated Installation >30' To 35', Add		*26.22*	
		For Elevated Installation >35' To 40', Add		*32.77*	
		For Elevated Installation >40', Add		*36.05*	
		For Work In Restricted Working Space, Add		*19.66*	
26 05 33 13-1199	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		147.42	37.55
		For Elevated Installation >10' To 15', Add		*7.51*	
		For Elevated Installation >15' To 20', Add		*15.02*	
		For Elevated Installation >20' To 25', Add		*18.78*	
		For Elevated Installation >25' To 30', Add		*26.29*	
		For Elevated Installation >30' To 35', Add		*30.04*	
		For Elevated Installation >35' To 40', Add		*37.55*	
		For Elevated Installation >40', Add		*41.31*	
		For Work In Restricted Working Space, Add		*22.53*	
26 05 33 13-1200	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		164.56	43.01
		For Elevated Installation >10' To 15', Add		*8.60*	
		For Elevated Installation >15' To 20', Add		*17.21*	
		For Elevated Installation >20' To 25', Add		*21.51*	
		For Elevated Installation >25' To 30', Add		*30.11*	
		For Elevated Installation >30' To 35', Add		*34.41*	
		For Elevated Installation >35' To 40', Add		*43.02*	
		For Elevated Installation >40', Add		*47.32*	
		For Work In Restricted Working Space, Add		*25.81*	
26 05 33 13-1201	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		149.15	32.77
		For Elevated Installation >10' To 15', Add		*6.55*	
		For Elevated Installation >15' To 20', Add		*13.11*	
		For Elevated Installation >20' To 25', Add		*16.39*	
		For Elevated Installation >25' To 30', Add		*22.94*	
		For Elevated Installation >30' To 35', Add		*26.22*	
		For Elevated Installation >35' To 40', Add		*32.77*	
		For Elevated Installation >40', Add		*36.05*	
		For Work In Restricted Working Space, Add		*19.66*	
26 05 33 13-1202	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		160.54	37.55
		For Elevated Installation >10' To 15', Add		*7.51*	
		For Elevated Installation >15' To 20', Add		*15.02*	
		For Elevated Installation >20' To 25', Add		*18.78*	
		For Elevated Installation >25' To 30', Add		*26.29*	
		For Elevated Installation >30' To 35', Add		*30.04*	
		For Elevated Installation >35' To 40', Add		*37.55*	
		For Elevated Installation >40', Add		*41.31*	
		For Work In Restricted Working Space, Add		*22.53*	
26 05 33 13-1203	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box		182.78	43.01
		For Elevated Installation >10' To 15', Add		*8.60*	
		For Elevated Installation >15' To 20', Add		*17.21*	
		For Elevated Installation >20' To 25', Add		*21.51*	
		For Elevated Installation >25' To 30', Add		*30.11*	
		For Elevated Installation >30' To 35', Add		*34.41*	
		For Elevated Installation >35' To 40', Add		*43.02*	
		For Elevated Installation >40', Add		*47.32*	
		For Work In Restricted Working Space, Add		*25.81*	
26 05 33 13-1204		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0848)*			
		Note: Excludes cover.			
26 05 33 13-1205	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box		141.24	32.77
		For Elevated Installation >10' To 15', Add		*6.55*	
		For Elevated Installation >15' To 20', Add		*13.11*	
		For Elevated Installation >20' To 25', Add		*16.39*	
		For Elevated Installation >25' To 30', Add		*22.94*	
		For Elevated Installation >30' To 35', Add		*26.22*	
		For Elevated Installation >35' To 40', Add		*32.77*	
		For Elevated Installation >40', Add		*36.05*	
		For Work In Restricted Working Space, Add		*19.66*	
26 05 33 13-1206	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box		155.41	37.55
		For Elevated Installation >10' To 15', Add		*7.51*	
		For Elevated Installation >15' To 20', Add		*15.02*	
		For Elevated Installation >20' To 25', Add		*18.78*	
		For Elevated Installation >25' To 30', Add		*26.29*	
		For Elevated Installation >30' To 35', Add		*30.04*	
		For Elevated Installation >35' To 40', Add		*37.55*	
		For Elevated Installation >40', Add		*41.31*	
		For Work In Restricted Working Space, Add		*22.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1207	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	170.07	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1208	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	159.29	32.77
		For Elevated Installation >10' To 15', Add	*6.55*	
		For Elevated Installation >15' To 20', Add	*13.11*	
		For Elevated Installation >20' To 25', Add	*16.39*	
		For Elevated Installation >25' To 30', Add	*22.94*	
		For Elevated Installation >30' To 35', Add	*26.22*	
		For Elevated Installation >35' To 40', Add	*32.77*	
		For Elevated Installation >40', Add	*36.05*	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1209	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	173.63	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1210	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	196.26	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	

26 05 33 13-1211 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0848)*

26 05 33 13-1212	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	50.64	4.10
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.10*	
		For Elevated Installation >40', Add	*4.50*	
		For Work In Restricted Working Space, Add	*2.46*	
26 05 33 13-1213	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	68.94	4.78
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
		For Work In Restricted Working Space, Add	*2.87*	
26 05 33 13-1214	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	65.05	4.78
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
		For Work In Restricted Working Space, Add	*2.87*	
26 05 33 13-1215	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	57.78	4.78
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.39*	
		For Elevated Installation >25' To 30', Add	*3.35*	
		For Elevated Installation >30' To 35', Add	*3.82*	
		For Elevated Installation >35' To 40', Add	*4.78*	
		For Elevated Installation >40', Add	*5.26*	
		For Work In Restricted Working Space, Add	*2.87*	
26 05 33 13-1216	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	283.12	6.83
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Work In Restricted Working Space, Add	*4.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1217	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	251.59	6.83
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Work In Restricted Working Space, Add	*4.10*	

26 05 33 13-1218 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies *(26 05 33 13-0848)*

Note: Includes covers.

26 05 33 13-1219	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	292.91	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1220	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	328.88	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1221	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	455.25	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1222	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	542.43	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1223	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	783.82	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
26 05 33 13-1224	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	988.50	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1225	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,451.08	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1226	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,800.82	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1227	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	292.91	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1228	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	328.88	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1229	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	453.98	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1230	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	529.59	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1231	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	795.64	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
26 05 33 13-1232	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,041.53	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1233	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,515.10	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1234	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,840.68	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	
26 05 33 13-1235	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	292.91	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1236	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	328.88	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	
26 05 33 13-1237	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	453.98	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1238	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	529.59	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1239	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	795.64	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
26 05 33 13-1240	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,041.53	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1241	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,515.10	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1242	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,840.68	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	
26 05 33 13-1243	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	292.91	43.01
		For Elevated Installation >10' To 15', Add	*8.60*	
		For Elevated Installation >15' To 20', Add	*17.21*	
		For Elevated Installation >20' To 25', Add	*21.51*	
		For Elevated Installation >25' To 30', Add	*30.11*	
		For Elevated Installation >30' To 35', Add	*34.41*	
		For Elevated Installation >35' To 40', Add	*43.02*	
		For Elevated Installation >40', Add	*47.32*	
		For Work In Restricted Working Space, Add	*25.81*	
26 05 33 13-1244	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	328.88	49.84
		For Elevated Installation >10' To 15', Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*19.94*	
		For Elevated Installation >20' To 25', Add	*24.92*	
		For Elevated Installation >25' To 30', Add	*34.89*	
		For Elevated Installation >30' To 35', Add	*39.87*	
		For Elevated Installation >35' To 40', Add	*49.84*	
		For Elevated Installation >40', Add	*54.82*	
		For Work In Restricted Working Space, Add	*29.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1245	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	455.25	54.62
		For Elevated Installation >10' To 15', Add	*10.92*	
		For Elevated Installation >15' To 20', Add	*21.85*	
		For Elevated Installation >20' To 25', Add	*27.31*	
		For Elevated Installation >25' To 30', Add	*38.23*	
		For Elevated Installation >30' To 35', Add	*43.70*	
		For Elevated Installation >35' To 40', Add	*54.62*	
		For Elevated Installation >40', Add	*60.08*	
		For Work In Restricted Working Space, Add	*32.77*	
26 05 33 13-1246	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	536.51	65.54
		For Elevated Installation >10' To 15', Add	*13.11*	
		For Elevated Installation >15' To 20', Add	*26.22*	
		For Elevated Installation >20' To 25', Add	*32.77*	
		For Elevated Installation >25' To 30', Add	*45.88*	
		For Elevated Installation >30' To 35', Add	*52.44*	
		For Elevated Installation >35' To 40', Add	*65.55*	
		For Elevated Installation >40', Add	*72.10*	
		For Work In Restricted Working Space, Add	*39.33*	
26 05 33 13-1247	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	783.82	92.17
		For Elevated Installation >10' To 15', Add	*18.43*	
		For Elevated Installation >15' To 20', Add	*36.87*	
		For Elevated Installation >20' To 25', Add	*46.09*	
		For Elevated Installation >25' To 30', Add	*64.52*	
		For Elevated Installation >30' To 35', Add	*73.74*	
		For Elevated Installation >35' To 40', Add	*92.17*	
		For Elevated Installation >40', Add	*101.39*	
		For Work In Restricted Working Space, Add	*55.30*	
26 05 33 13-1248	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	988.50	122.89
		For Elevated Installation >10' To 15', Add	*24.58*	
		For Elevated Installation >15' To 20', Add	*49.16*	
		For Elevated Installation >20' To 25', Add	*61.45*	
		For Elevated Installation >25' To 30', Add	*86.03*	
		For Elevated Installation >30' To 35', Add	*98.32*	
		For Elevated Installation >35' To 40', Add	*122.90*	
		For Elevated Installation >40', Add	*135.18*	
		For Work In Restricted Working Space, Add	*73.74*	
26 05 33 13-1249	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,451.08	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1250	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,817.42	187.07
		For Elevated Installation >10' To 15', Add	*37.42*	
		For Elevated Installation >15' To 20', Add	*74.83*	
		For Elevated Installation >20' To 25', Add	*93.54*	
		For Elevated Installation >25' To 30', Add	*130.95*	
		For Elevated Installation >30' To 35', Add	*149.66*	
		For Elevated Installation >35' To 40', Add	*187.08*	
		For Elevated Installation >40', Add	*205.78*	
		For Work In Restricted Working Space, Add	*112.25*	

26 05 33 13-1251 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0848)*

26 05 33 13-1252	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	147.07	6.14
		For Elevated Installation >10' To 15', Add	*1.23*	
		For Elevated Installation >15' To 20', Add	*2.46*	
		For Elevated Installation >20' To 25', Add	*3.07*	
		For Elevated Installation >25' To 30', Add	*4.30*	
		For Elevated Installation >30' To 35', Add	*4.92*	
		For Elevated Installation >35' To 40', Add	*6.15*	
		For Elevated Installation >40', Add	*6.76*	
		For Work In Restricted Working Space, Add	*3.69*	
26 05 33 13-1253	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	148.43	6.83
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Work In Restricted Working Space, Add	*4.10*	
26 05 33 13-1254	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	209.86	9.56
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.82*	
		For Elevated Installation >20' To 25', Add	*4.78*	
		For Elevated Installation >25' To 30', Add	*6.69*	
		For Elevated Installation >30' To 35', Add	*7.65*	
		For Elevated Installation >35' To 40', Add	*9.56*	
		For Elevated Installation >40', Add	*10.52*	
		For Work In Restricted Working Space, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1255	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	212.59	10.92
		For Elevated Installation >10' To 15', Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*4.37*	
		For Elevated Installation >20' To 25', Add	*5.46*	
		For Elevated Installation >25' To 30', Add	*7.65*	
		For Elevated Installation >30' To 35', Add	*8.74*	
		For Elevated Installation >35' To 40', Add	*10.93*	
		For Elevated Installation >40', Add	*12.02*	
		For Work In Restricted Working Space, Add	*6.56*	
26 05 33 13-1256	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	372.05	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
26 05 33 13-1257	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	378.88	16.39
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.55*	
		For Elevated Installation >20' To 25', Add	*8.19*	
		For Elevated Installation >25' To 30', Add	*11.47*	
		For Elevated Installation >30' To 35', Add	*13.11*	
		For Elevated Installation >35' To 40', Add	*16.39*	
		For Elevated Installation >40', Add	*18.02*	
		For Work In Restricted Working Space, Add	*9.83*	
26 05 33 13-1258	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	571.25	18.43
		For Elevated Installation >10' To 15', Add	*3.69*	
		For Elevated Installation >15' To 20', Add	*7.37*	
		For Elevated Installation >20' To 25', Add	*9.22*	
		For Elevated Installation >25' To 30', Add	*12.90*	
		For Elevated Installation >30' To 35', Add	*14.75*	
		For Elevated Installation >35' To 40', Add	*18.44*	
		For Elevated Installation >40', Add	*20.28*	
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-1259	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	582.17	23.90
		For Elevated Installation >10' To 15', Add	*4.78*	
		For Elevated Installation >15' To 20', Add	*9.56*	
		For Elevated Installation >20' To 25', Add	*11.95*	
		For Elevated Installation >25' To 30', Add	*16.73*	
		For Elevated Installation >30' To 35', Add	*19.12*	
		For Elevated Installation >35' To 40', Add	*23.90*	
		For Elevated Installation >40', Add	*26.28*	
		For Work In Restricted Working Space, Add	*14.34*	

26 05 33 13-1260 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0848)*

26 05 33 13-1261	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	252.66	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1262	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	298.42	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1263	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	353.16	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1264	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	435.25	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1265	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	582.41	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1266	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	807.31	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1267	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,153.60	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1268	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,433.89	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-1269	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,013.51	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-1270	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,319.61	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	

26 05 33 13-1271 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0848)*

26 05 33 13-1272	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	402.37	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1273	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	417.50	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1274	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	468.70	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1275	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	567.28	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-1276	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	687.84	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1277	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	879.89	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1278	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,299.80	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1279	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,629.26	64.18
		For Elevated Installation >10' To 15', Add	*12.84*	
		For Elevated Installation >15' To 20', Add	*25.67*	
		For Elevated Installation >20' To 25', Add	*32.09*	
		For Elevated Installation >25' To 30', Add	*44.93*	
		For Elevated Installation >30' To 35', Add	*51.34*	
		For Elevated Installation >35' To 40', Add	*64.18*	
		For Elevated Installation >40', Add	*70.60*	
		For Work In Restricted Working Space, Add	*38.51*	
26 05 33 13-1280	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,076.58	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-1281	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,598.93	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	

26 05 33 13-1282 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0848)*

26 05 33 13-1283	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	83.25	8.19
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.20*	
		For Elevated Installation >40', Add	*9.01*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1284	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	90.16	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1285	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	99.12	12.29
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.15*	
		For Elevated Installation >25' To 30', Add	*8.60*	
		For Elevated Installation >30' To 35', Add	*9.83*	
		For Elevated Installation >35' To 40', Add	*12.29*	
		For Elevated Installation >40', Add	*13.52*	
		For Work In Restricted Working Space, Add	*7.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.37*	
26 05 33 13-1286	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	112.05	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1287	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	150.95	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1288	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	184.58	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1289	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	264.48	23.90
		For Elevated Installation >10' To 15', Add	*4.78*	
		For Elevated Installation >15' To 20', Add	*9.56*	
		For Elevated Installation >20' To 25', Add	*11.95*	
		For Elevated Installation >25' To 30', Add	*16.73*	
		For Elevated Installation >30' To 35', Add	*19.12*	
		For Elevated Installation >35' To 40', Add	*23.90*	
		For Elevated Installation >40', Add	*26.28*	
		For Work In Restricted Working Space, Add	*14.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.34*	
26 05 33 13-1290	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	345.21	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1291	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	441.13	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1292	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	554.70	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-1293	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	688.45	76.47
		For Elevated Installation >10' To 15', Add	*15.29*	
		For Elevated Installation >15' To 20', Add	*30.59*	
		For Elevated Installation >20' To 25', Add	*38.23*	
		For Elevated Installation >25' To 30', Add	*53.53*	
		For Elevated Installation >30' To 35', Add	*61.17*	
		For Elevated Installation >35' To 40', Add	*76.47*	
		For Elevated Installation >40', Add	*84.11*	
		For Work In Restricted Working Space, Add	*45.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.88*	
26 05 33 13-1294	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	1,038.30	115.38
		For Elevated Installation >10' To 15', Add	*23.08*	
		For Elevated Installation >15' To 20', Add	*46.15*	
		For Elevated Installation >20' To 25', Add	*57.69*	
		For Elevated Installation >25' To 30', Add	*80.77*	
		For Elevated Installation >30' To 35', Add	*92.31*	
		For Elevated Installation >35' To 40', Add	*115.39*	
		For Elevated Installation >40', Add	*126.92*	
		For Work In Restricted Working Space, Add	*69.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.23*	

26 05 33 13-1295 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0848)*

26 05 33 13-1296	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	125.78	8.19
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.20*	
		For Elevated Installation >40', Add	*9.01*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-1297	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	132.99	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1298	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	142.89	12.29
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.15*	
		For Elevated Installation >25' To 30', Add	*8.60*	
		For Elevated Installation >30' To 35', Add	*9.83*	
		For Elevated Installation >35' To 40', Add	*12.29*	
		For Elevated Installation >40', Add	*13.52*	
		For Work In Restricted Working Space, Add	*7.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.37*	
26 05 33 13-1299	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	163.09	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1300	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	175.05	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1301	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	198.00	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1302	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	302.16	23.90
		For Elevated Installation >10' To 15', Add	*4.78*	
		For Elevated Installation >15' To 20', Add	*9.56*	
		For Elevated Installation >20' To 25', Add	*11.95*	
		For Elevated Installation >25' To 30', Add	*16.73*	
		For Elevated Installation >30' To 35', Add	*19.12*	
		For Elevated Installation >35' To 40', Add	*23.90*	
		For Elevated Installation >40', Add	*26.28*	
		For Work In Restricted Working Space, Add	*14.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.34*	
26 05 33 13-1303	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	361.46	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1304	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	444.64	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1305	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	577.35	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.27*	
26 05 33 13-1306	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	897.93	76.47
		For Elevated Installation >10' To 15', Add	*15.29*	
		For Elevated Installation >15' To 20', Add	*30.59*	
		For Elevated Installation >20' To 25', Add	*38.23*	
		For Elevated Installation >25' To 30', Add	*53.53*	
		For Elevated Installation >30' To 35', Add	*61.17*	
		For Elevated Installation >35' To 40', Add	*76.47*	
		For Elevated Installation >40', Add	*84.11*	
		For Work In Restricted Working Space, Add	*45.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.88*	
26 05 33 13-1307	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,469.98	115.38
		For Elevated Installation >10' To 15', Add	*23.08*	
		For Elevated Installation >15' To 20', Add	*46.15*	
		For Elevated Installation >20' To 25', Add	*57.69*	
		For Elevated Installation >25' To 30', Add	*80.77*	
		For Elevated Installation >30' To 35', Add	*92.31*	
		For Elevated Installation >35' To 40', Add	*115.39*	
		For Elevated Installation >40', Add	*126.92*	
		For Work In Restricted Working Space, Add	*69.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.23*	

26 05 33 13-1308 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0848)*

26 05 33 13-1309	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	135.23	8.19
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.20*	
		For Elevated Installation >40', Add	*9.01*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1310	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	141.97	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1311	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	152.27	12.29
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.15*	
		For Elevated Installation >25' To 30', Add	*8.60*	
		For Elevated Installation >30' To 35', Add	*9.83*	
		For Elevated Installation >35' To 40', Add	*12.29*	
		For Elevated Installation >40', Add	*13.52*	
		For Work In Restricted Working Space, Add	*7.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.37*	
26 05 33 13-1312	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	191.57	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1313	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	209.42	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1314	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	221.72	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	

26 05 33 13-1315 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0848)*

26 05 33 13-1316	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	99.75	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1317	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	109.14	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1318	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	141.45	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1319	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	204.22	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-1320	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	242.13	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1321	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	306.79	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1322	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	407.89	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1323	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	526.66	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1324	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	681.15	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	
26 05 33 13-1325	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	877.20	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-1326	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,594.61	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1327	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,994.79	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-1328 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0848)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1329	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	101.96	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1330	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	117.58	21.16
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.58*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.93*	
		For Elevated Installation >35' To 40', Add	*21.17*	
		For Elevated Installation >40', Add	*23.28*	
		For Work In Restricted Working Space, Add	*12.70*	
26 05 33 13-1331	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	145.95	25.94
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.38*	
		For Elevated Installation >20' To 25', Add	*12.97*	
		For Elevated Installation >25' To 30', Add	*18.16*	
		For Elevated Installation >30' To 35', Add	*20.76*	
		For Elevated Installation >35' To 40', Add	*25.95*	
		For Elevated Installation >40', Add	*28.54*	
		For Work In Restricted Working Space, Add	*15.57*	
26 05 33 13-1332	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	212.48	30.04
		For Elevated Installation >10' To 15', Add	*6.01*	
		For Elevated Installation >15' To 20', Add	*12.02*	
		For Elevated Installation >20' To 25', Add	*15.02*	
		For Elevated Installation >25' To 30', Add	*21.03*	
		For Elevated Installation >30' To 35', Add	*24.03*	
		For Elevated Installation >35' To 40', Add	*30.04*	
		For Elevated Installation >40', Add	*33.04*	
		For Work In Restricted Working Space, Add	*18.02*	
26 05 33 13-1333	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	253.59	34.14
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Work In Restricted Working Space, Add	*20.48*	
26 05 33 13-1334	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	331.55	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.55*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	
26 05 33 13-1335	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	460.87	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1336	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	580.53	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.56*	
		For Elevated Installation >25' To 30', Add	*32.98*	
		For Elevated Installation >30' To 35', Add	*37.69*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.27*	
26 05 33 13-1337	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	778.54	72.37
		For Elevated Installation >10' To 15', Add	*14.47*	
		For Elevated Installation >15' To 20', Add	*28.95*	
		For Elevated Installation >20' To 25', Add	*36.19*	
		For Elevated Installation >25' To 30', Add	*50.66*	
		For Elevated Installation >30' To 35', Add	*57.90*	
		For Elevated Installation >35' To 40', Add	*72.37*	
		For Elevated Installation >40', Add	*79.61*	
		For Work In Restricted Working Space, Add	*43.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1338	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	974.24	94.22
		For Elevated Installation >10' To 15', Add	*18.84*	
		For Elevated Installation >15' To 20', Add	*37.69*	
		For Elevated Installation >20' To 25', Add	*47.11*	
		For Elevated Installation >25' To 30', Add	*65.95*	
		For Elevated Installation >30' To 35', Add	*75.38*	
		For Elevated Installation >35' To 40', Add	*94.22*	
		For Elevated Installation >40', Add	*103.64*	
		For Work In Restricted Working Space, Add	*56.53*	
26 05 33 13-1339	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,772.49	153.62
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.45*	
		For Elevated Installation >20' To 25', Add	*76.81*	
		For Elevated Installation >25' To 30', Add	*107.53*	
		For Elevated Installation >30' To 35', Add	*122.89*	
		For Elevated Installation >35' To 40', Add	*153.62*	
		For Elevated Installation >40', Add	*168.98*	
		For Work In Restricted Working Space, Add	*92.17*	
26 05 33 13-1340	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	2,282.00	230.77
		For Elevated Installation >10' To 15', Add	*46.15*	
		For Elevated Installation >15' To 20', Add	*92.31*	
		For Elevated Installation >20' To 25', Add	*115.38*	
		For Elevated Installation >25' To 30', Add	*161.54*	
		For Elevated Installation >30' To 35', Add	*184.61*	
		For Elevated Installation >35' To 40', Add	*230.77*	
		For Elevated Installation >40', Add	*253.84*	
		For Work In Restricted Working Space, Add	*138.46*	

26 05 33 13-1341 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0848)*

26 05 33 13-1342	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	55.31	5.46
		For Elevated Installation >10' To 15', Add	*1.09*	
		For Elevated Installation >15' To 20', Add	*2.18*	
		For Elevated Installation >20' To 25', Add	*2.73*	
		For Elevated Installation >25' To 30', Add	*3.82*	
		For Elevated Installation >30' To 35', Add	*4.37*	
		For Elevated Installation >35' To 40', Add	*5.46*	
		For Elevated Installation >40', Add	*6.01*	
		For Work In Restricted Working Space, Add	*3.28*	
26 05 33 13-1343	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	60.70	6.83
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Work In Restricted Working Space, Add	*4.10*	
26 05 33 13-1344	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	68.99	6.83
		For Elevated Installation >10' To 15', Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*2.73*	
		For Elevated Installation >20' To 25', Add	*3.41*	
		For Elevated Installation >25' To 30', Add	*4.78*	
		For Elevated Installation >30' To 35', Add	*5.46*	
		For Elevated Installation >35' To 40', Add	*6.83*	
		For Elevated Installation >40', Add	*7.51*	
		For Work In Restricted Working Space, Add	*4.10*	
26 05 33 13-1345	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	85.23	7.51
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*3.00*	
		For Elevated Installation >20' To 25', Add	*3.76*	
		For Elevated Installation >25' To 30', Add	*5.26*	
		For Elevated Installation >30' To 35', Add	*6.01*	
		For Elevated Installation >35' To 40', Add	*7.51*	
		For Elevated Installation >40', Add	*8.26*	
		For Work In Restricted Working Space, Add	*4.51*	
26 05 33 13-1346	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	90.01	7.51
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*3.00*	
		For Elevated Installation >20' To 25', Add	*3.76*	
		For Elevated Installation >25' To 30', Add	*5.26*	
		For Elevated Installation >30' To 35', Add	*6.01*	
		For Elevated Installation >35' To 40', Add	*7.51*	
		For Elevated Installation >40', Add	*8.26*	
		For Work In Restricted Working Space, Add	*4.51*	
26 05 33 13-1347	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	77.41	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1348	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	88.09	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
26 05 33 13-1349	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	136.11	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
26 05 33 13-1350	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	151.32	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
26 05 33 13-1351	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	147.18	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
26 05 33 13-1352	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	154.88	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
26 05 33 13-1353	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	174.25	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
26 05 33 13-1354	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	173.14	12.29
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.15*	
		For Elevated Installation >25' To 30', Add	*8.60*	
		For Elevated Installation >30' To 35', Add	*9.83*	
		For Elevated Installation >35' To 40', Add	*12.29*	
		For Elevated Installation >40', Add	*13.52*	
		For Work In Restricted Working Space, Add	*7.37*	
26 05 33 13-1355	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	220.83	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-1356	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	324.95	19.80
		For Elevated Installation >10' To 15', Add	*3.96*	
		For Elevated Installation >15' To 20', Add	*7.92*	
		For Elevated Installation >20' To 25', Add	*9.90*	
		For Elevated Installation >25' To 30', Add	*13.86*	
		For Elevated Installation >30' To 35', Add	*15.84*	
		For Elevated Installation >35' To 40', Add	*19.80*	
		For Elevated Installation >40', Add	*21.78*	
		For Work In Restricted Working Space, Add	*11.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1357	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	434.79	27.31
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.66*	
		For Elevated Installation >25' To 30', Add	*19.12*	
		For Elevated Installation >30' To 35', Add	*21.85*	
		For Elevated Installation >35' To 40', Add	*27.31*	
		For Elevated Installation >40', Add	*30.04*	
		For Work In Restricted Working Space, Add	*16.39*	
26 05 33 13-1358	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	543.85	37.55
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.02*	
		For Elevated Installation >20' To 25', Add	*18.78*	
		For Elevated Installation >25' To 30', Add	*26.29*	
		For Elevated Installation >30' To 35', Add	*30.04*	
		For Elevated Installation >35' To 40', Add	*37.56*	
		For Elevated Installation >40', Add	*41.31*	
		For Work In Restricted Working Space, Add	*22.53*	

26 05 33 13-1359 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0848)*

26 05 33 13-1360	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.00	8.19
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.20*	
		For Elevated Installation >40', Add	*9.01*	
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-1361	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.44	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1362	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.95	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1363	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.65	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1364	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.56	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1365	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.75	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1366	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.99	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1367	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.51	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1368	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.37	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1369	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.48	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1370	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.85	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1371	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.93	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1372	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.16	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1373	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.84	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1374	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.72	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1375	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.84	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1376	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.76	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1377	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.34	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1378	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.58	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1379	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.44	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1380	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.20	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1381	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.47	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1382	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.61	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1383	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	99.41	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1384	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.00	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1385	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.52	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1386	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.91	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1387	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.79	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1388	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.67	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1389	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.09	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1390	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.46	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1391	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	101.92	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1392	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	134.42	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1393	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	159.97	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1394	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	187.94	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	
26 05 33 13-1395	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.85	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1396	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.27	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1397	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.17	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1398	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.36	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1399	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.81	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1400	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	76.01	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1401	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	111.94	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1402	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	142.53	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1403	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	161.70	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1404	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	192.56	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	
26 05 33 13-1405	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	282.70	64.86
		For Elevated Installation >10' To 15', Add	*12.97*	
		For Elevated Installation >15' To 20', Add	*25.94*	
		For Elevated Installation >20' To 25', Add	*32.43*	
		For Elevated Installation >25' To 30', Add	*45.40*	
		For Elevated Installation >30' To 35', Add	*51.88*	
		For Elevated Installation >35' To 40', Add	*64.86*	
		For Elevated Installation >40', Add	*71.34*	
		For Work In Restricted Working Space, Add	*38.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1406	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.48	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1407	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.90	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1408	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.86	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1409	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.63	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1410	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.33	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1411	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	77.56	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1412	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	122.11	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1413	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	153.31	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1414	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	171.41	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1415	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	208.94	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	
26 05 33 13-1416	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	307.18	64.86
		For Elevated Installation >10' To 15', Add	*12.97*	
		For Elevated Installation >15' To 20', Add	*25.94*	
		For Elevated Installation >20' To 25', Add	*32.43*	
		For Elevated Installation >25' To 30', Add	*45.40*	
		For Elevated Installation >30' To 35', Add	*51.88*	
		For Elevated Installation >35' To 40', Add	*64.86*	
		For Elevated Installation >40', Add	*71.34*	
		For Work In Restricted Working Space, Add	*38.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.91*	
26 05 33 13-1417	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.48	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1418	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.87	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1419	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.39	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1420	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.96	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1421	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.43	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1422	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	85.13	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1423	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	134.62	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1424	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	168.05	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1425	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	195.71	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1426	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	233.52	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	
26 05 33 13-1427	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	323.95	64.86
		For Elevated Installation >10' To 15', Add	*12.97*	
		For Elevated Installation >15' To 20', Add	*25.94*	
		For Elevated Installation >20' To 25', Add	*32.43*	
		For Elevated Installation >25' To 30', Add	*45.40*	
		For Elevated Installation >30' To 35', Add	*51.88*	
		For Elevated Installation >35' To 40', Add	*64.86*	
		For Elevated Installation >40', Add	*71.34*	
		For Work In Restricted Working Space, Add	*38.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.91*	
26 05 33 13-1428	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.52	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1429	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.88	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1430	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.89	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1431	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.54	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1432	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	78.81	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1433	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	96.27	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1434	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	147.84	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 05 33 13-1435	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	186.94	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1436	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	221.24	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1437	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	276.53	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1438	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	357.43	64.86
		For Elevated Installation >10' To 15', Add	*12.97*	
		For Elevated Installation >15' To 20', Add	*25.94*	
		For Elevated Installation >20' To 25', Add	*32.43*	
		For Elevated Installation >25' To 30', Add	*45.40*	
		For Elevated Installation >30' To 35', Add	*51.88*	
		For Elevated Installation >35' To 40', Add	*64.86*	
		For Elevated Installation >40', Add	*71.34*	
		For Work In Restricted Working Space, Add	*38.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.91*	
26 05 33 13-1439	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.59	8.88
		For Elevated Installation >10' To 15', Add	*1.78*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.44*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.10*	
		For Elevated Installation >35' To 40', Add	*8.88*	
		For Elevated Installation >40', Add	*9.76*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1440	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.08	10.24
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.12*	
		For Elevated Installation >25' To 30', Add	*7.17*	
		For Elevated Installation >30' To 35', Add	*8.19*	
		For Elevated Installation >35' To 40', Add	*10.24*	
		For Elevated Installation >40', Add	*11.26*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.14*	
26 05 33 13-1441	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.70	12.97
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.19*	
		For Elevated Installation >20' To 25', Add	*6.49*	
		For Elevated Installation >25' To 30', Add	*9.08*	
		For Elevated Installation >30' To 35', Add	*10.38*	
		For Elevated Installation >35' To 40', Add	*12.97*	
		For Elevated Installation >40', Add	*14.27*	
		For Work In Restricted Working Space, Add	*7.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.78*	
26 05 33 13-1442	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	75.06	15.02
		For Elevated Installation >10' To 15', Add	*3.00*	
		For Elevated Installation >15' To 20', Add	*6.01*	
		For Elevated Installation >20' To 25', Add	*7.51*	
		For Elevated Installation >25' To 30', Add	*10.51*	
		For Elevated Installation >30' To 35', Add	*12.02*	
		For Elevated Installation >35' To 40', Add	*15.02*	
		For Elevated Installation >40', Add	*16.52*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1443	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	87.73	17.07
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.83*	
		For Elevated Installation >20' To 25', Add	*8.54*	
		For Elevated Installation >25' To 30', Add	*11.95*	
		For Elevated Installation >30' To 35', Add	*13.66*	
		For Elevated Installation >35' To 40', Add	*17.07*	
		For Elevated Installation >40', Add	*18.78*	
		For Work In Restricted Working Space, Add	*10.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.24*	
26 05 33 13-1444	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	105.21	19.12
		For Elevated Installation >10' To 15', Add	*3.82*	
		For Elevated Installation >15' To 20', Add	*7.65*	
		For Elevated Installation >20' To 25', Add	*9.56*	
		For Elevated Installation >25' To 30', Add	*13.38*	
		For Elevated Installation >30' To 35', Add	*15.29*	
		For Elevated Installation >35' To 40', Add	*19.12*	
		For Elevated Installation >40', Add	*21.03*	
		For Work In Restricted Working Space, Add	*11.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.47*	
26 05 33 13-1445	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	165.48	23.21
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1446	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	215.26	32.09
		For Elevated Installation >10' To 15', Add	*6.42*	
		For Elevated Installation >15' To 20', Add	*12.84*	
		For Elevated Installation >20' To 25', Add	*16.05*	
		For Elevated Installation >25' To 30', Add	*22.46*	
		For Elevated Installation >30' To 35', Add	*25.67*	
		For Elevated Installation >35' To 40', Add	*32.09*	
		For Elevated Installation >40', Add	*35.30*	
		For Work In Restricted Working Space, Add	*19.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 05 33 13-1447	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	236.90	36.19
		For Elevated Installation >10' To 15', Add	*7.24*	
		For Elevated Installation >15' To 20', Add	*14.47*	
		For Elevated Installation >20' To 25', Add	*18.09*	
		For Elevated Installation >25' To 30', Add	*25.33*	
		For Elevated Installation >30' To 35', Add	*28.95*	
		For Elevated Installation >35' To 40', Add	*36.19*	
		For Elevated Installation >40', Add	*39.80*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-1448	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	289.73	47.11
		For Elevated Installation >10' To 15', Add	*9.42*	
		For Elevated Installation >15' To 20', Add	*18.84*	
		For Elevated Installation >20' To 25', Add	*23.55*	
		For Elevated Installation >25' To 30', Add	*32.97*	
		For Elevated Installation >30' To 35', Add	*37.68*	
		For Elevated Installation >35' To 40', Add	*47.11*	
		For Elevated Installation >40', Add	*51.82*	
		For Work In Restricted Working Space, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.26*	
26 05 33 13-1449	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	362.21	64.86
		For Elevated Installation >10' To 15', Add	*12.97*	
		For Elevated Installation >15' To 20', Add	*25.94*	
		For Elevated Installation >20' To 25', Add	*32.43*	
		For Elevated Installation >25' To 30', Add	*45.40*	
		For Elevated Installation >30' To 35', Add	*51.88*	
		For Elevated Installation >35' To 40', Add	*64.86*	
		For Elevated Installation >40', Add	*71.34*	
		For Work In Restricted Working Space, Add	*38.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.91*	

26 05 33 13-1450 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1451 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1450)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1452	LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	6.32	2.10
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-1453	LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	7.20	2.31
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-1454	LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling	8.35	2.52
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.95*	
		For Work In Restricted Working Space, Add	*1.89*	
26 05 33 13-1455	LF	1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	9.50	2.73
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.02*	
		For Work In Restricted Working Space, Add	*2.05*	
26 05 33 13-1456	LF	1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	10.66	2.94
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.10*	
		For Work In Restricted Working Space, Add	*2.21*	
26 05 33 13-1457	LF	2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	12.83	3.36
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.26*	
		For Work In Restricted Working Space, Add	*2.52*	
26 05 33 13-1458	LF	2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	17.49	4.20
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.15*	
26 05 33 13-1459	LF	3" Aluminum Rigid Conduit (ARC) With Threaded Coupling	21.79	5.04
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.89*	
		For Work In Restricted Working Space, Add	*3.78*	
26 05 33 13-1460	LF	3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	26.78	6.31
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.36*	
		For Work In Restricted Working Space, Add	*4.73*	
26 05 33 13-1461	LF	4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	33.03	7.98
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.99*	
		For Work In Restricted Working Space, Add	*5.99*	
26 05 33 13-1462	LF	5" Aluminum Rigid Conduit (ARC) With Threaded Coupling	43.91	10.08
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.56*	
26 05 33 13-1463	LF	6" Aluminum Rigid Conduit (ARC) With Threaded Coupling	56.12	12.60
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*4.73*	
		For Work In Restricted Working Space, Add	*9.45*	

26 05 33 13-1464 Aluminum 90 Degree Elbows *(26 05 33 13-1450)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1465	EA	1" Aluminum 90 Degree Elbow	38.70	10.92
		For Work In Restricted Working Space, Add	*8.19*	
26 05 33 13-1466	EA	1-1/4" Aluminum 90 Degree Elbow	49.08	12.39
		For Work In Restricted Working Space, Add	*9.29*	
26 05 33 13-1467	EA	1-1/2" Aluminum 90 Degree Elbow	59.79	14.29
		For Work In Restricted Working Space, Add	*10.71*	
26 05 33 13-1468	EA	2" Aluminum 90 Degree Elbow	76.41	16.39
		For Work In Restricted Working Space, Add	*12.29*	
26 05 33 13-1469	EA	2-1/2" Aluminum 90 Degree Elbow	109.64	19.96
		For Work In Restricted Working Space, Add	*14.97*	
26 05 33 13-1470	EA	3" Aluminum 90 Degree Elbow	156.89	25.84
		For Work In Restricted Working Space, Add	*19.38*	
26 05 33 13-1471	EA	3-1/2" Aluminum 90 Degree Elbow	216.42	28.99
		For Work In Restricted Working Space, Add	*21.74*	
26 05 33 13-1472	EA	4" Aluminum 90 Degree Elbow	261.52	36.35
		For Work In Restricted Working Space, Add	*27.26*	
26 05 33 13-1473	EA	5" Aluminum 90 Degree Elbow	652.74	59.24
		For Work In Restricted Working Space, Add	*44.43*	
26 05 33 13-1474	EA	6" Aluminum 90 Degree Elbow	920.89	89.07
		For Work In Restricted Working Space, Add	*66.80*	

26 05 33 13-1475 Aluminum Bushing Set With Locknut *(26 05 33 13-1450)*

26 05 33 13-1476	EA	1/2" Aluminum Bushing Set With Locknut	11.37	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-1477	EA	3/4" Aluminum Bushing Set With Locknut	17.14	5.46
		For Work In Restricted Working Space, Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-1478	EA	1" Aluminum Bushing Set With Locknut	17.37	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-1479	EA	1-1/4" Aluminum Bushing Set With Locknut	19.53	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-1480	EA	1-1/2" Aluminum Bushing Set With Locknut	23.91	9.25
		For Work In Restricted Working Space, Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-1481	EA	2" Aluminum Bushing Set With Locknut	29.15	11.13
		For Work In Restricted Working Space, Add	*8.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.35*	
26 05 33 13-1482	EA	2-1/2" Aluminum Bushing Set With Locknut	35.78	13.23
		For Work In Restricted Working Space, Add	*9.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.92*	
26 05 33 13-1483	EA	3" Aluminum Bushing Set With Locknut	41.81	15.12
		For Work In Restricted Working Space, Add	*11.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.34*	
26 05 33 13-1484	EA	3-1/2" Aluminum Bushing Set With Locknut	45.21	16.39
		For Work In Restricted Working Space, Add	*12.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.29*	
26 05 33 13-1485	EA	4" Aluminum Bushing Set With Locknut	49.23	17.65
		For Work In Restricted Working Space, Add	*13.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.24*	
26 05 33 13-1486	EA	5" Aluminum Bushing Set With Locknut	65.22	23.52
		For Work In Restricted Working Space, Add	*17.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.65*	
26 05 33 13-1487	EA	6" Aluminum Bushing Set With Locknut	97.01	35.29
		For Work In Restricted Working Space, Add	*26.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.47*	

26 05 33 13-1488 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1489 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-1488)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2329 for field bending >1".

26 05 33 13-1490	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.33	1.71
		For Schedule 60, Add	*0.48*	
		For Schedule 80, Add	*0.80*	
26 05 33 13-1491	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.10	1.87
		For Schedule 60, Add	*0.59*	
		For Schedule 80, Add	*0.96*	
26 05 33 13-1492	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	7.58	2.20
		For Schedule 60, Add	*0.80*	
		For Schedule 80, Add	*1.28*	
26 05 33 13-1493	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.06	2.51
		For Schedule 60, Add	*1.01*	
		For Schedule 80, Add	*1.60*	
26 05 33 13-1494	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	10.66	2.93
		For Schedule 60, Add	*1.20*	
		For Schedule 80, Add	*1.90*	
26 05 33 13-1495	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	12.76	3.34
		For Schedule 60, Add	*1.52*	
		For Schedule 80, Add	*2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1496	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	16.96	3.97
		For Schedule 60, Add	*2.26*	
		For Schedule 80, Add	*3.46*	
26 05 33 13-1497	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	19.88	4.59
		For Schedule 60, Add	*2.67*	
		For Schedule 80, Add	*4.09*	
26 05 33 13-1498	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	24.29	5.43
		For Schedule 60, Add	*3.36*	
		For Schedule 80, Add	*5.11*	
26 05 33 13-1499	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	28.48	6.68
		For Schedule 60, Add	*3.78*	
		For Schedule 80, Add	*5.79*	
26 05 33 13-1500	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	40.66	9.39
		For Schedule 60, Add	*5.47*	
		For Schedule 80, Add	*8.36*	
26 05 33 13-1501	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	54.00	12.53
		For Schedule 60, Add	*7.24*	
		For Schedule 80, Add	*11.07*	

26 05 33 13-1502 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-1488)*

See CSI section 26 05 33 13-2329 for conduit field bending.

26 05 33 13-1503	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	22.27	8.35
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.39*	
		For Schedule 80, Add	*2.57*	
26 05 33 13-1504	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	24.65	9.18
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.57*	
		For Schedule 80, Add	*2.89*	
26 05 33 13-1505	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	28.72	10.44
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.96*	
		For Schedule 80, Add	*3.53*	
26 05 33 13-1506	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	37.19	13.36
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*2.62*	
		For Schedule 80, Add	*4.66*	
26 05 33 13-1507	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	46.89	16.70
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*3.37*	
		For Schedule 80, Add	*5.97*	
26 05 33 13-1508	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	59.31	20.88
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*4.39*	
		For Schedule 80, Add	*7.71*	
26 05 33 13-1509	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	75.15	25.05
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*6.26*	
		For Schedule 80, Add	*10.64*	
26 05 33 13-1510	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	93.48	29.24
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*8.75*	
		For Schedule 80, Add	*14.45*	
26 05 33 13-1511	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	117.08	35.50
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*11.52*	
		For Schedule 80, Add	*18.79*	
26 05 33 13-1512	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	140.85	41.76
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*14.33*	
		For Schedule 80, Add	*23.20*	
26 05 33 13-1513	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	194.86	52.20
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*22.61*	
		For Schedule 80, Add	*35.57*	
26 05 33 13-1514	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	238.62	62.64
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*28.34*	
		For Schedule 80, Add	*44.37*	

26 05 33 13-1515 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-1488)*

See CSI section 26 05 33 13-2329 for conduit field bending.

26 05 33 13-1516	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	22.27	8.35
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.39*	
		For Schedule 80, Add	*2.57*	
26 05 33 13-1517	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	24.55	9.18
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.54*	
		For Schedule 80, Add	*2.85*	
26 05 33 13-1518	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow	28.58	10.44
		See CSI section 26 05 33 13-2329 for conduit field bending.		
		For Schedule 60, Add	*1.93*	
		For Schedule 80, Add	*3.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1519	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	36.79	13.36
		For Schedule 60, Add	*2.52*	
		For Schedule 80, Add	*4.52*	
26 05 33 13-1520	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	45.98	16.70
		For Schedule 60, Add	*3.14*	
		For Schedule 80, Add	*5.65*	
26 05 33 13-1521	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	58.83	20.88
		For Schedule 60, Add	*4.27*	
		For Schedule 80, Add	*7.54*	
26 05 33 13-1522	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	74.25	25.05
		For Schedule 60, Add	*6.03*	
		For Schedule 80, Add	*10.33*	
26 05 33 13-1523	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	92.34	29.24
		For Schedule 60, Add	*8.47*	
		For Schedule 80, Add	*14.05*	
26 05 33 13-1524	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	113.88	35.50
		For Schedule 60, Add	*10.72*	
		For Schedule 80, Add	*17.67*	
26 05 33 13-1525	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	138.10	41.76
		For Schedule 60, Add	*13.64*	
		For Schedule 80, Add	*22.23*	
26 05 33 13-1526	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	191.29	52.20
		For Schedule 60, Add	*21.72*	
		For Schedule 80, Add	*34.32*	
26 05 33 13-1527	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending.	227.99	62.64
		For Schedule 60, Add	*25.68*	
		For Schedule 80, Add	*40.65*	
26 05 33 13-1528		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow** *(26 05 33 13-1488)*		
26 05 33 13-1529	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	80.47	25.94
		For Schedule 80, Add	*15.19*	
26 05 33 13-1530	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	94.27	30.04
		For Schedule 80, Add	*17.97*	
26 05 33 13-1531	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	106.73	34.14
		For Schedule 80, Add	*20.29*	
26 05 33 13-1532	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	126.63	37.55
		For Schedule 80, Add	*25.55*	
26 05 33 13-1533	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	166.36	47.11
		For Schedule 80, Add	*34.67*	
26 05 33 13-1534	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	217.49	64.18
		For Schedule 80, Add	*44.03*	
26 05 33 13-1535	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	261.58	72.37
		For Schedule 80, Add	*55.37*	
26 05 33 13-1536	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	313.75	94.22
		For Schedule 80, Add	*62.70*	
26 05 33 13-1537		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow** *(26 05 33 13-1488)*		
26 05 33 13-1538	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	85.72	25.94
		For Schedule 80, Add	*17.03*	
26 05 33 13-1539	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	106.90	30.04
		For Schedule 80, Add	*22.40*	
26 05 33 13-1540	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	124.81	34.14
		For Schedule 80, Add	*26.62*	
26 05 33 13-1541	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	135.58	37.55
		For Schedule 80, Add	*28.68*	
26 05 33 13-1542	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	193.94	47.11
		For Schedule 80, Add	*44.32*	
26 05 33 13-1543	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	257.60	64.18
		For Schedule 80, Add	*58.07*	
26 05 33 13-1544	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	286.27	72.37
		For Schedule 80, Add	*64.01*	
26 05 33 13-1545	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	343.64	94.22
		For Schedule 80, Add	*73.16*	
26 05 33 13-1546		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow** *(26 05 33 13-1488)*		
26 05 33 13-1547	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	99.87	25.94
		For Schedule 80, Add	*21.98*	
26 05 33 13-1548	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	112.83	30.04
		For Schedule 80, Add	*24.47*	
26 05 33 13-1549	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	128.29	34.14
		For Schedule 80, Add	*27.83*	
26 05 33 13-1550	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	152.46	37.55
		For Schedule 80, Add	*34.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1551	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	204.21	47.11
		For Schedule 80, Add	*47.92*	
26 05 33 13-1552	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	266.22	64.18
		For Schedule 80, Add	*61.09*	
26 05 33 13-1553	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	319.14	72.37
		For Schedule 80, Add	*75.51*	
26 05 33 13-1554	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	373.16	94.22
		For Schedule 80, Add	*83.50*	

26 05 33 13-1555 Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow *(26 05 33 13-1488)*

26 05 33 13-1556	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	102.76	25.94
		For Schedule 80, Add	*22.99*	
26 05 33 13-1557	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	130.37	30.04
		For Schedule 80, Add	*30.61*	
26 05 33 13-1558	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	142.21	34.14
		For Schedule 80, Add	*32.71*	
26 05 33 13-1559	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	153.08	37.55
		For Schedule 80, Add	*34.80*	
26 05 33 13-1560	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	226.84	47.11
		For Schedule 80, Add	*55.84*	
26 05 33 13-1561	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	316.93	64.18
		For Schedule 80, Add	*78.84*	
26 05 33 13-1562	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	365.32	72.37
		For Schedule 80, Add	*91.68*	
26 05 33 13-1563	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	427.85	94.22
		For Schedule 80, Add	*102.64*	
26 05 33 13-1564	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	684.88	153.36
		For Schedule 80, Add	*162.90*	
26 05 33 13-1565	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,003.22	231.09
		For Schedule 80, Add	*235.74*	

26 05 33 13-1566 Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow *(26 05 33 13-1488)*

26 05 33 13-1567	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	113.85	25.94
		For Schedule 80, Add	*26.88*	
26 05 33 13-1568	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	133.34	30.04
		For Schedule 80, Add	*31.65*	
26 05 33 13-1569	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	151.14	34.14
		For Schedule 80, Add	*35.83*	
26 05 33 13-1570	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	183.92	37.55
		For Schedule 80, Add	*45.60*	
26 05 33 13-1571	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	248.93	47.11
		For Schedule 80, Add	*63.57*	
26 05 33 13-1572	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	353.21	64.18
		For Schedule 80, Add	*91.53*	
26 05 33 13-1573	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	400.01	72.37
		For Schedule 80, Add	*103.82*	
26 05 33 13-1574	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	488.05	94.22
		For Schedule 80, Add	*123.71*	
26 05 33 13-1575	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	720.10	153.36
		For Schedule 80, Add	*175.23*	
26 05 33 13-1576	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,031.73	231.09
		For Schedule 80, Add	*245.72*	

26 05 33 13-1577 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-1488)*

26 05 33 13-1578	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	15.26	5.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.39*	
26 05 33 13-1579	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	17.57	6.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.01*	
26 05 33 13-1580	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	19.99	7.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-1581	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	22.54	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-1582	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	27.91	10.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1583	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	33.91	12.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-1584	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	46.49	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1585	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	58.63	20.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	
26 05 33 13-1586	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	76.02	27.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.36*	
26 05 33 13-1587	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	92.07	33.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.06*	
26 05 33 13-1588	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	121.69	41.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.32*	
26 05 33 13-1589	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	151.38	52.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.15*	

26 05 33 13-1590 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-1488)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1591	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	17.73	5.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.76*	
26 05 33 13-1592	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	20.20	5.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.39*	
26 05 33 13-1593	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	22.69	6.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.01*	
26 05 33 13-1594	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	27.01	7.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-1595	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	30.12	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-1596	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	36.18	9.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.20*	
26 05 33 13-1597	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	40.50	10.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.15*	
26 05 33 13-1598	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	45.85	12.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-1599	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	54.31	14.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 33 13-1600	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	59.94	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1601	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	75.94	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 05 33 13-1602	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	85.46	20.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	

26 05 33 13-1603 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1488)*

26 05 33 13-1604	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	16.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1605	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	20.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.78*	
26 05 33 13-1606	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	22.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.41*	
26 05 33 13-1607	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	25.21	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.14*	
26 05 33 13-1608	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	27.69	10.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1609	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	33.60	12.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-1610	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	45.88	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1611	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	57.78	20.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	
26 05 33 13-1612	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	74.93	27.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.36*	
26 05 33 13-1613	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	90.96	33.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.06*	
26 05 33 13-1614	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	119.50	41.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.32*	
26 05 33 13-1615	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	148.74	52.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.15*	

26 05 33 13-1616 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1488)*

26 05 33 13-1617	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	47.71	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1618	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	55.40	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 05 33 13-1619	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	61.52	20.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	
26 05 33 13-1620	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	75.95	25.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.79*	
26 05 33 13-1621	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	93.89	31.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.49*	
26 05 33 13-1622	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	121.60	37.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.19*	
26 05 33 13-1623	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	207.85	41.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.32*	
26 05 33 13-1624	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	221.91	45.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.46*	
26 05 33 13-1625	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	241.17	52.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.15*	
26 05 33 13-1626	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	269.30	60.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.42*	

26 05 33 13-1627 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1488)*

26 05 33 13-1628	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	60.44	21.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	
26 05 33 13-1629	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	67.71	23.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-1630	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	73.19	25.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1631	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	91.87	29.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-1632	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	110.95	35.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.78*	
26 05 33 13-1633	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	136.74	42.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	

26 05 33 13-1634 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1488)*

26 05 33 13-1635	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	102.91	20.88
26 05 33 13-1636	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	114.64	25.05
26 05 33 13-1637	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	127.14	29.24
26 05 33 13-1638	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	138.88	33.41
26 05 33 13-1639	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	150.30	37.59
26 05 33 13-1640	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	164.20	41.76
26 05 33 13-1641	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	200.89	48.02
26 05 33 13-1642	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	240.60	54.29
26 05 33 13-1643	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	281.59	62.64
26 05 33 13-1644	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	334.99	73.09
26 05 33 13-1645	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	443.02	87.70
26 05 33 13-1646	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	582.48	112.76

26 05 33 13-1647 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1488)*

26 05 33 13-1648	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	13.11	4.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.13*	
26 05 33 13-1649	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	15.51	5.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.76*	
26 05 33 13-1650	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	17.84	5.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.39*	
26 05 33 13-1651	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	21.33	6.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.01*	
26 05 33 13-1652	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	24.88	7.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-1653	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	29.40	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-1654	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	42.01	9.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.20*	
26 05 33 13-1655	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	46.02	10.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.15*	
26 05 33 13-1656	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	58.85	12.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1657	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	71.24	12.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.71*	
26 05 33 13-1658	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	82.93	14.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 33 13-1659	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	104.96	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	

26 05 33 13-1660 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-1488)*

26 05 33 13-1661	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	132.82	37.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.19*	
26 05 33 13-1662	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	141.11	25.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.79*	
26 05 33 13-1663	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	344.96	41.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.32*	
26 05 33 13-1664	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	674.81	60.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.42*	

26 05 33 13-1665 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-0059)*

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1666 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1665)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-1667	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	8.28	1.71
26 05 33 13-1668	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	9.20	1.87
26 05 33 13-1669	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	10.25	2.18
26 05 33 13-1670	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.30	2.51
26 05 33 13-1671	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	12.74	2.93
26 05 33 13-1672	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.93	3.34
26 05 33 13-1673	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	16.60	3.97
26 05 33 13-1674	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	19.51	4.59
26 05 33 13-1675	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	22.59	5.43
26 05 33 13-1676	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	26.73	6.68
26 05 33 13-1677	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	36.01	9.39
26 05 33 13-1678	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	46.98	12.53

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1679		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1665)*		
26 05 33 13-1680	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	94.88	8.35
		For 24" Radius, Add	*6.59*	
		For 36" Radius, Add	*9.49*	
		For 48" Radius, Add	*12.38*	
26 05 33 13-1681	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	105.82	9.18
		For 24" Radius, Add	*7.36*	
		For 36" Radius, Add	*10.58*	
		For 48" Radius, Add	*13.80*	
26 05 33 13-1682	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	109.79	10.44
		For 24" Radius, Add	*7.58*	
		For 36" Radius, Add	*10.98*	
		For 48" Radius, Add	*14.38*	
26 05 33 13-1683	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	117.91	13.36
		For 24" Radius, Add	*8.01*	
		For 36" Radius, Add	*11.79*	
		For 48" Radius, Add	*15.57*	
26 05 33 13-1684	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	127.10	16.70
		For 24" Radius, Add	*8.49*	
		For 36" Radius, Add	*12.71*	
		For 48" Radius, Add	*16.93*	
26 05 33 13-1685	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	149.31	20.88
		For 24" Radius, Add	*9.89*	
		For 36" Radius, Add	*14.93*	
		For 48" Radius, Add	*19.97*	
26 05 33 13-1686	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	178.87	25.05
		For 24" Radius, Add	*11.85*	
		For 36" Radius, Add	*17.89*	
		For 48" Radius, Add	*23.92*	
26 05 33 13-1687	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	212.57	29.24
		For 24" Radius, Add	*14.12*	
		For 36" Radius, Add	*21.26*	
		For 48" Radius, Add	*28.40*	
26 05 33 13-1688	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	245.67	35.50
		For 24" Radius, Add	*16.21*	
		For 36" Radius, Add	*24.57*	
		For 48" Radius, Add	*32.93*	
26 05 33 13-1689	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	278.76	41.76
		For 24" Radius, Add	*18.30*	
		For 36" Radius, Add	*27.88*	
		For 48" Radius, Add	*37.46*	
26 05 33 13-1690	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	348.45	52.20
		For 24" Radius, Add	*22.87*	
		For 36" Radius, Add	*34.85*	
		For 48" Radius, Add	*46.82*	
26 05 33 13-1691	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	429.02	62.64
		For 24" Radius, Add	*28.26*	
		For 36" Radius, Add	*42.90*	
		For 48" Radius, Add	*57.54*	
26 05 33 13-1692		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1665)*		
26 05 33 13-1693	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	81.56	8.35
		For 24" Radius, Add	*5.60*	
		For 36" Radius, Add	*8.16*	
		For 48" Radius, Add	*10.72*	
26 05 33 13-1694	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	90.90	9.18
		For 24" Radius, Add	*6.24*	
		For 36" Radius, Add	*9.09*	
		For 48" Radius, Add	*11.94*	
26 05 33 13-1695	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	94.72	10.44
		For 24" Radius, Add	*6.45*	
		For 36" Radius, Add	*9.47*	
		For 48" Radius, Add	*12.49*	
26 05 33 13-1696	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	102.70	13.36
		For 24" Radius, Add	*6.87*	
		For 36" Radius, Add	*10.27*	
		For 48" Radius, Add	*13.67*	
26 05 33 13-1697	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	111.74	16.70
		For 24" Radius, Add	*7.34*	
		For 36" Radius, Add	*11.17*	
		For 48" Radius, Add	*15.01*	
26 05 33 13-1698	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	131.83	20.88
		For 24" Radius, Add	*8.58*	
		For 36" Radius, Add	*13.18*	
		For 48" Radius, Add	*17.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1699	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	157.95	25.05
		For 24" Radius, Add	*10.28*	
		For 36" Radius, Add	*15.80*	
		For 48" Radius, Add	*21.31*	
26 05 33 13-1700	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	187.46	29.24
		For 24" Radius, Add	*12.23*	
		For 36" Radius, Add	*18.75*	
		For 48" Radius, Add	*25.26*	
26 05 33 13-1701	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	217.42	35.50
		For 24" Radius, Add	*14.09*	
		For 36" Radius, Add	*21.74*	
		For 48" Radius, Add	*29.40*	
26 05 33 13-1702	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	247.38	41.76
		For 24" Radius, Add	*15.94*	
		For 36" Radius, Add	*24.74*	
		For 48" Radius, Add	*33.53*	
26 05 33 13-1703	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	309.22	52.20
		For 24" Radius, Add	*19.93*	
		For 36" Radius, Add	*30.92*	
		For 48" Radius, Add	*41.92*	
26 05 33 13-1704	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	379.99	62.64
		For 24" Radius, Add	*24.58*	
		For 36" Radius, Add	*38.00*	
		For 48" Radius, Add	*51.41*	

26 05 33 13-1705 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1665)*

26 05 33 13-1706	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	75.77	7.52
		For 24" Radius, Add	*5.21*	
		For 36" Radius, Add	*7.58*	
		For 48" Radius, Add	*9.94*	
26 05 33 13-1707	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	84.46	8.27
		For 24" Radius, Add	*5.82*	
		For 36" Radius, Add	*8.45*	
		For 48" Radius, Add	*11.07*	
26 05 33 13-1708	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	87.93	9.39
		For 24" Radius, Add	*6.01*	
		For 36" Radius, Add	*8.79*	
		For 48" Radius, Add	*11.58*	
26 05 33 13-1709	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	95.14	12.03
		For 24" Radius, Add	*6.38*	
		For 36" Radius, Add	*9.51*	
		For 48" Radius, Add	*12.64*	
26 05 33 13-1710	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	103.30	15.04
		For 24" Radius, Add	*6.81*	
		For 36" Radius, Add	*10.33*	
		For 48" Radius, Add	*13.85*	
26 05 33 13-1711	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	121.76	18.79
		For 24" Radius, Add	*7.96*	
		For 36" Radius, Add	*12.18*	
		For 48" Radius, Add	*16.39*	
26 05 33 13-1712	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	145.88	22.55
		For 24" Radius, Add	*9.53*	
		For 36" Radius, Add	*14.59*	
		For 48" Radius, Add	*19.64*	
26 05 33 13-1713	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	173.18	26.31
		For 24" Radius, Add	*11.34*	
		For 36" Radius, Add	*17.32*	
		For 48" Radius, Add	*23.29*	
26 05 33 13-1714	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	200.70	31.95
		For 24" Radius, Add	*13.06*	
		For 36" Radius, Add	*20.07*	
		For 48" Radius, Add	*27.08*	
26 05 33 13-1715	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	228.21	37.59
		For 24" Radius, Add	*14.77*	
		For 36" Radius, Add	*22.82*	
		For 48" Radius, Add	*30.88*	
26 05 33 13-1716	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	285.26	46.98
		For 24" Radius, Add	*18.46*	
		For 36" Radius, Add	*28.53*	
		For 48" Radius, Add	*38.59*	
26 05 33 13-1717	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	350.71	56.38
		For 24" Radius, Add	*22.78*	
		For 36" Radius, Add	*35.07*	
		For 48" Radius, Add	*47.36*	

26 05 33 13-1718 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1665)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1719	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	72.07	7.52
		For 24" Radius, Add	*4.94*	
		For 36" Radius, Add	*7.21*	
		For 48" Radius, Add	*9.48*	
26 05 33 13-1720	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	80.32	8.27
		For 24" Radius, Add	*5.51*	
		For 36" Radius, Add	*8.03*	
		For 48" Radius, Add	*10.56*	
26 05 33 13-1721	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	83.75	9.39
		For 24" Radius, Add	*5.69*	
		For 36" Radius, Add	*8.38*	
		For 48" Radius, Add	*11.06*	
26 05 33 13-1722	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	90.91	12.03
		For 24" Radius, Add	*6.07*	
		For 36" Radius, Add	*9.09*	
		For 48" Radius, Add	*12.12*	
26 05 33 13-1723	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	99.04	15.04
		For 24" Radius, Add	*6.49*	
		For 36" Radius, Add	*9.90*	
		For 48" Radius, Add	*13.32*	
26 05 33 13-1724	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	116.90	18.79
		For 24" Radius, Add	*7.59*	
		For 36" Radius, Add	*11.69*	
		For 48" Radius, Add	*15.79*	
26 05 33 13-1725	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	140.07	22.55
		For 24" Radius, Add	*9.10*	
		For 36" Radius, Add	*14.01*	
		For 48" Radius, Add	*18.92*	
26 05 33 13-1726	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	166.21	26.31
		For 24" Radius, Add	*10.82*	
		For 36" Radius, Add	*16.62*	
		For 48" Radius, Add	*22.42*	
26 05 33 13-1727	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	192.85	31.95
		For 24" Radius, Add	*12.47*	
		For 36" Radius, Add	*19.29*	
		For 48" Radius, Add	*26.10*	
26 05 33 13-1728	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	219.49	37.59
		For 24" Radius, Add	*14.11*	
		For 36" Radius, Add	*21.95*	
		For 48" Radius, Add	*29.79*	
26 05 33 13-1729	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	274.37	46.98
		For 24" Radius, Add	*17.64*	
		For 36" Radius, Add	*27.44*	
		For 48" Radius, Add	*37.23*	
26 05 33 13-1730	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	337.08	56.38
		For 24" Radius, Add	*21.76*	
		For 36" Radius, Add	*33.71*	
		For 48" Radius, Add	*45.66*	

26 05 33 13-1731 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1665)*

26 05 33 13-1732	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	45.26	5.85
26 05 33 13-1733	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	50.84	6.68
26 05 33 13-1734	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	53.28	7.52
26 05 33 13-1735	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	55.66	8.35
26 05 33 13-1736	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	61.58	10.44
26 05 33 13-1737	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	73.57	12.53
26 05 33 13-1738	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	92.61	16.70
26 05 33 13-1739	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	113.22	20.88
26 05 33 13-1740	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	136.51	27.15
26 05 33 13-1741	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	159.81	33.41
26 05 33 13-1742	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	199.75	41.76
26 05 33 13-1743	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	249.65	52.20

26 05 33 13-1744 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1665)*

26 05 33 13-1745	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	31.91	5.85
26 05 33 13-1746	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	35.91	6.68
26 05 33 13-1747	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	38.20	7.52
26 05 33 13-1748	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	40.50	8.35
26 05 33 13-1749	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	45.92	10.44
26 05 33 13-1750	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	51.26	12.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1751	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	65.68	16.70
26 05 33 13-1752	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	80.91	20.88
26 05 33 13-1753	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	100.16	27.15
26 05 33 13-1754	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	119.42	33.41
26 05 33 13-1755	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	149.31	41.76
26 05 33 13-1756	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	186.59	52.20
26 05 33 13-1757		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings** *(26 05 33 13-1665)*		
26 05 33 13-1758	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	36.11	4.80
26 05 33 13-1759	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	40.59	6.68
26 05 33 13-1760	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	42.94	7.52
26 05 33 13-1761	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	45.17	8.35
26 05 33 13-1762	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	50.95	10.44
26 05 33 13-1763	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	60.90	12.53
26 05 33 13-1764	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	77.24	16.70
26 05 33 13-1765	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	94.77	20.88
26 05 33 13-1766	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	115.75	27.15
26 05 33 13-1767	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	136.73	33.41
26 05 33 13-1768	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	170.90	41.76
26 05 33 13-1769	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	213.65	52.20
26 05 33 13-1770		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints** *(26 05 33 13-1665)*		
26 05 33 13-1771	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	75.88	20.88
26 05 33 13-1772	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	88.91	25.05
26 05 33 13-1773	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	99.65	29.24
26 05 33 13-1774	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	110.26	33.41
26 05 33 13-1775	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	121.30	37.59
26 05 33 13-1776	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	136.95	41.76
26 05 33 13-1777	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	159.13	48.02
26 05 33 13-1778	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	182.60	54.29
26 05 33 13-1779	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	209.33	62.64
26 05 33 13-1780	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	241.29	73.09
26 05 33 13-1781	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	282.04	83.53
26 05 33 13-1782	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	326.45	93.96
26 05 33 13-1783		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints** *(26 05 33 13-1665)*		
26 05 33 13-1784	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	85.50	20.88
26 05 33 13-1785	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	99.69	25.05
26 05 33 13-1786	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	110.49	29.24
26 05 33 13-1787	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	121.22	33.41
26 05 33 13-1788	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	132.35	37.59
26 05 33 13-1789	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	149.57	41.76
26 05 33 13-1790	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	174.26	48.02
26 05 33 13-1791	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	200.76	54.29
26 05 33 13-1792	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	229.77	62.64
26 05 33 13-1793	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	264.02	73.09
26 05 33 13-1794	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	310.52	83.53
26 05 33 13-1795	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	362.04	93.96
26 05 33 13-1796		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters** *(26 05 33 13-1665)*		
26 05 33 13-1797	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	93.80	5.85
26 05 33 13-1798	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	104.66	6.68
26 05 33 13-1799	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	109.45	7.52
26 05 33 13-1800	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	114.36	8.35
26 05 33 13-1801	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	121.03	10.44
26 05 33 13-1802	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	135.29	12.53
26 05 33 13-1803	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	166.54	16.70
26 05 33 13-1804	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	201.85	20.88
26 05 33 13-1805	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	236.22	27.15
26 05 33 13-1806	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	270.61	33.41
26 05 33 13-1807	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	338.33	41.76
26 05 33 13-1808	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	421.09	52.20
26 05 33 13-1809		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints** *(26 05 33 13-1665)*		
26 05 33 13-1810	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	102.22	20.88
26 05 33 13-1811	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	118.23	25.05
26 05 33 13-1812	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	141.76	29.24
26 05 33 13-1813	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	176.12	33.41
26 05 33 13-1814	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	220.88	37.59
26 05 33 13-1815	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	292.51	41.76
26 05 33 13-1816	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	416.06	48.02
26 05 33 13-1817	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	502.76	54.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1818	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	607.99	62.64
26 05 33 13-1819	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	718.46	73.09
26 05 33 13-1820	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	845.19	83.53
26 05 33 13-1821	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,315.28	93.96
26 05 33 13-1822		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover *(26 05 33 13-1665)*		
26 05 33 13-1823	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	86.04	16.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1824	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	99.78	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 05 33 13-1825	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	132.71	20.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	
26 05 33 13-1826	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	162.09	25.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.79*	
26 05 33 13-1827	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	206.17	31.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.49*	
26 05 33 13-1828	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	283.39	37.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.19*	
26 05 33 13-1829	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	464.81	43.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.89*	
26 05 33 13-1830	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	598.87	50.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.58*	
26 05 33 13-1831	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	720.39	58.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.85*	
26 05 33 13-1832	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	841.91	66.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.12*	
26 05 33 13-1833	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	993.02	75.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.38*	
26 05 33 13-1834	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,126.39	83.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.64*	
26 05 33 13-1835		Explosion Proof Conduit Fittings *(26 05 33 13-0059)* Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33 13-1836		Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1835)*		
26 05 33 13-1837	EA	1/2" Explosion Proof Malleable Iron Conduit Union	39.15	8.76
26 05 33 13-1838	EA	3/4" Explosion Proof Malleable Iron Conduit Union	47.97	9.68
26 05 33 13-1839	EA	1" Explosion Proof Malleable Iron Conduit Union	75.40	12.91
26 05 33 13-1840	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	99.03	14.29
26 05 33 13-1841	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	124.48	17.52
26 05 33 13-1842	EA	2" Explosion Proof Malleable Iron Conduit Union	154.63	20.28
26 05 33 13-1843	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	234.72	28.97
26 05 33 13-1844	EA	3" Explosion Proof Malleable Iron Conduit Union	297.68	34.49
26 05 33 13-1845	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	495.22	41.38
26 05 33 13-1846	EA	4" Explosion Proof Malleable Iron Conduit Union	527.78	52.87
26 05 33 13-1847		Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1835)*		
26 05 33 13-1848	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	137.74	27.66
26 05 33 13-1849	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	155.31	31.35
26 05 33 13-1850	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	181.28	34.58
26 05 33 13-1851	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	156.32	34.58
26 05 33 13-1852	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	186.34	41.49
26 05 33 13-1853	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	220.07	47.49
26 05 33 13-1854		Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1835)* Note: Includes sealing gasket and lock nut.		
26 05 33 13-1855	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	113.96	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 05 33 13-1856	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	117.07	25.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.36*	
26 05 33 13-1857	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	127.78	28.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.09*	
26 05 33 13-1858	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	163.80	34.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.93*	
26 05 33 13-1859	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	208.17	40.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1860	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	265.93	46.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.58*	
26 05 33 13-1861	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	379.35	68.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 05 33 13-1862	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	479.30	86.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.84*	
26 05 33 13-1863	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	669.87	95.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.39*	
26 05 33 13-1864	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	859.30	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.60*	

26 05 33 13-1865 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1835)*

26 05 33 13-1866	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	292.02	10.60
26 05 33 13-1867	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	381.57	11.98

26 05 33 13-1868 Conduit Installed Below Grade *(26 05 33 13-0058)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1869 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1868)*

26 05 33 13-1870 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1869)*

Note: Includes field bend conduit up to and including 1". See CSI section 26 05 33 13-2329 for field bending >1".

26 05 33 13-1871	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.44	
		For Schedule 60, Add	*0.43*	
		For Schedule 80, Add	*0.71*	
26 05 33 13-1872	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.05	
		For Schedule 60, Add	*0.53*	
		For Schedule 80, Add	*0.86*	
26 05 33 13-1873	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.02	
		For Schedule 60, Add	*0.72*	
		For Schedule 80, Add	*1.13*	
26 05 33 13-1874	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.97	
		For Schedule 60, Add	*0.91*	
		For Schedule 80, Add	*1.39*	
26 05 33 13-1875	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.79	
		For Schedule 60, Add	*1.06*	
		For Schedule 80, Add	*1.62*	
26 05 33 13-1876	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.11	
		For Schedule 60, Add	*1.34*	
		For Schedule 80, Add	*2.01*	
26 05 33 13-1877	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	12.00	
		For Schedule 60, Add	*2.01*	
		For Schedule 80, Add	*2.96*	
26 05 33 13-1878	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	13.61	
		For Schedule 60, Add	*2.36*	
		For Schedule 80, Add	*3.46*	
26 05 33 13-1879	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	16.20	
		For Schedule 60, Add	*2.95*	
		For Schedule 80, Add	*4.30*	
26 05 33 13-1880	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	17.52	
		For Schedule 60, Add	*3.23*	
		For Schedule 80, Add	*4.70*	
26 05 33 13-1881	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	23.18	
		For Schedule 60, Add	*4.59*	
		For Schedule 80, Add	*6.61*	
26 05 33 13-1882	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	28.95	
		For Schedule 60, Add	*5.98*	
		For Schedule 80, Add	*8.57*	

26 05 33 13-1883 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1869)*

See CSI section 26 05 33 13-2329 for conduit field bending.

26 05 33 13-1884	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	27.49	
		For Schedule 60, Add	*1.65*	
		For Schedule 80, Add	*3.10*	
26 05 33 13-1885	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	33.00	
		For Schedule 60, Add	*1.99*	
		For Schedule 80, Add	*3.72*	
26 05 33 13-1886	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	39.16	
		For Schedule 60, Add	*2.48*	
		For Schedule 80, Add	*4.57*	
26 05 33 13-1887	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	45.54	
		For Schedule 60, Add	*3.03*	
		For Schedule 80, Add	*5.50*	
26 05 33 13-1888	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	52.11	
		For Schedule 60, Add	*3.63*	
		For Schedule 80, Add	*6.49*	
26 05 33 13-1889	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	59.31	
		For Schedule 60, Add	*4.39*	
		For Schedule 80, Add	*7.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1890	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	69.93	
		For Schedule 60, Add	*6.00*	
		For Schedule 80, Add	*10.12*	
26 05 33 13-1891	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	83.03	
		For Schedule 60, Add	*8.23*	
		For Schedule 80, Add	*13.40*	
26 05 33 13-1892	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	101.42	
		For Schedule 60, Add	*10.74*	
		For Schedule 80, Add	*17.22*	
26 05 33 13-1893	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	119.97	
		For Schedule 60, Add	*13.29*	
		For Schedule 80, Add	*21.11*	
26 05 33 13-1894	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	158.31	
		For Schedule 60, Add	*20.79*	
		For Schedule 80, Add	*31.92*	
26 05 33 13-1895	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	186.43	
		For Schedule 60, Add	*25.73*	
		For Schedule 80, Add	*39.15*	

26 05 33 13-1896 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1869)*

See CSI section 26 05 33 13-2329 for conduit field bending.

26 05 33 13-1897	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	27.49	
		For Schedule 60, Add	*1.65*	
		For Schedule 80, Add	*3.10*	
26 05 33 13-1898	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	32.90	
		For Schedule 60, Add	*1.96*	
		For Schedule 80, Add	*3.69*	
26 05 33 13-1899	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	39.02	
		For Schedule 60, Add	*2.45*	
		For Schedule 80, Add	*4.52*	
26 05 33 13-1900	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	45.14	
		For Schedule 60, Add	*2.93*	
		For Schedule 80, Add	*5.36*	
26 05 33 13-1901	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	51.20	
		For Schedule 60, Add	*3.40*	
		For Schedule 80, Add	*6.18*	
26 05 33 13-1902	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	58.83	
		For Schedule 60, Add	*4.27*	
		For Schedule 80, Add	*7.54*	
26 05 33 13-1903	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	69.03	
		For Schedule 60, Add	*5.77*	
		For Schedule 80, Add	*9.81*	
26 05 33 13-1904	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	81.89	
		For Schedule 60, Add	*7.94*	
		For Schedule 80, Add	*13.00*	
26 05 33 13-1905	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	98.22	
		For Schedule 60, Add	*9.94*	
		For Schedule 80, Add	*16.10*	
26 05 33 13-1906	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	117.22	
		For Schedule 60, Add	*12.60*	
		For Schedule 80, Add	*20.14*	
26 05 33 13-1907	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	154.74	
		For Schedule 60, Add	*19.89*	
		For Schedule 80, Add	*30.67*	
26 05 33 13-1908	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	175.80	
		For Schedule 60, Add	*23.07*	
		For Schedule 80, Add	*35.43*	

26 05 33 13-1909 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1869)*

26 05 33 13-1910	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	15.26	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.39*	
26 05 33 13-1911	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	17.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.01*	
26 05 33 13-1912	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	19.99	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-1913	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	22.54	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-1914	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	24.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.89*	
26 05 33 13-1915	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	27.64	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.52*	
26 05 33 13-1916	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	32.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.46*	
26 05 33 13-1917	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	37.75	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-1918	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	44.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 33 13-1919	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	50.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.53*	
26 05 33 13-1920	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	64.26	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 05 33 13-1921	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	73.07	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.66*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1922		**Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial** *(26 05 33 13-1869)*		
26 05 33 13-1923	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	17.73	
26 05 33 13-1924	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.20	
26 05 33 13-1925	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	22.69	
26 05 33 13-1926	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.10	
26 05 33 13-1927	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	32.21	
26 05 33 13-1928	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	36.18	
26 05 33 13-1929	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	40.50	
26 05 33 13-1930	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	45.85	
26 05 33 13-1931	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	54.31	
26 05 33 13-1932	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	59.94	
26 05 33 13-1933	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	75.94	
26 05 33 13-1934	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	85.46	
26 05 33 13-1935		**Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial** *(26 05 33 13-1869)*		
26 05 33 13-1936	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	15.16	
26 05 33 13-1937	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	17.57	
26 05 33 13-1938	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	19.85	
26 05 33 13-1939	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	22.28	
26 05 33 13-1940	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	24.56	
26 05 33 13-1941	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	27.33	
26 05 33 13-1942	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	32.31	
26 05 33 13-1943	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	36.90	
26 05 33 13-1944	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	43.61	
26 05 33 13-1945	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	49.19	
26 05 33 13-1946	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	62.07	
26 05 33 13-1947	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	70.43	
26 05 33 13-1948		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial** *(26 05 33 13-1868)*		
		Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).		
26 05 33 13-1949		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial** *(26 05 33 13-1948)*		
		Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2319 for field bending >1".		
26 05 33 13-1950	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.72	2.21
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-1.03*	
26 05 33 13-1951	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	13.20	2.73
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.16*	
26 05 33 13-1952	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	16.27	3.04
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000, Deduct	*-1.44*	
26 05 33 13-1953	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.71	4.10
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.76*	
26 05 33 13-1954	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	23.21	4.62
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.08*	
26 05 33 13-1955	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	29.48	5.04
		For >250 To 500, Deduct	*-1.19*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000, Deduct	*-2.66*	
26 05 33 13-1956	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	42.93	7.56
		For >250 To 500, Deduct	*-1.75*	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000, Deduct	*-3.90*	
26 05 33 13-1957	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	55.27	9.46
		For >250 To 500, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-5.00*	
26 05 33 13-1958	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	68.18	9.98
		For >250 To 500, Deduct	*-2.75*	
		For >500 To 1,000, Deduct	*-4.46*	
		For >1,000, Deduct	*-6.16*	
26 05 33 13-1959	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	80.93	11.02
		For >250 To 500, Deduct	*-3.26*	
		For >500 To 1,000, Deduct	*-5.28*	
		For >1,000, Deduct	*-7.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1960	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	127.49	15.23
		For >250 To 500, Deduct	*-5.38*	
		For >500 To 1,000, Deduct	*-8.56*	
		For >1,000, Deduct	*-11.75*	
26 05 33 13-1961	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	170.43	19.96
		For >250 To 500, Deduct	*-7.26*	
		For >500 To 1,000, Deduct	*-11.52*	
		For >1,000, Deduct	*-15.78*	

26 05 33 13-1962 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1948)*

26 05 33 13-1963	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.59	3.15
26 05 33 13-1964	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	14.98	4.20
26 05 33 13-1965	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	19.04	5.25
26 05 33 13-1966	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	21.53	5.77
26 05 33 13-1967	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	25.50	6.83
26 05 33 13-1968	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	33.09	7.88
26 05 33 13-1969	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	61.82	9.46
26 05 33 13-1970	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	78.38	13.13
26 05 33 13-1971	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	97.32	15.23
26 05 33 13-1972	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	120.19	21.00
26 05 33 13-1973	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	312.49	28.89
26 05 33 13-1974	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	317.10	16.29

26 05 33 13-1975 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1948)*

Note: 90, 45, or 30-degree.

26 05 33 13-1976	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	48.27	13.13
26 05 33 13-1977	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	55.41	16.29
26 05 33 13-1978	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	66.12	19.96
26 05 33 13-1979	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	78.43	23.11
26 05 33 13-1980	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	92.10	26.26
26 05 33 13-1981	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	113.01	28.89
26 05 33 13-1982	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	176.55	36.24
26 05 33 13-1983	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	265.05	49.37
26 05 33 13-1984	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	329.56	55.67
26 05 33 13-1985	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	375.62	72.48
26 05 33 13-1986	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	792.23	118.16
26 05 33 13-1987	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,248.56	177.51

26 05 33 13-1988 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial *(26 05 33 13-1948)*

26 05 33 13-1989	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	118.00	19.96
26 05 33 13-1990	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	132.60	23.11
26 05 33 13-1991	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	151.41	26.26
26 05 33 13-1992	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	181.44	28.89
26 05 33 13-1993	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	254.01	36.24

26 05 33 13-1994 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial *(26 05 33 13-1948)*

26 05 33 13-1995	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	132.04	19.96
26 05 33 13-1996	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	155.79	23.11
26 05 33 13-1997	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	168.03	26.26
26 05 33 13-1998	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	217.70	28.89
26 05 33 13-1999	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	288.97	36.24
26 05 33 13-2000	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	368.71	49.37

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2001		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2002	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	148.81	19.96
26 05 33 13-2003	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	167.86	23.11
26 05 33 13-2004	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	189.36	26.26
26 05 33 13-2005	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	229.72	28.89
26 05 33 13-2006	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	329.13	36.24
26 05 33 13-2007	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	415.87	49.37
26 05 33 13-2008	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	527.05	55.67
26 05 33 13-2009	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	590.79	72.48
26 05 33 13-2010		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2011	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	177.79	19.96
26 05 33 13-2012	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	196.21	23.11
26 05 33 13-2013	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	221.55	26.26
26 05 33 13-2014	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	276.06	28.89
26 05 33 13-2015	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	401.02	36.24
26 05 33 13-2016	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	495.77	49.37
26 05 33 13-2017	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	575.84	55.67
26 05 33 13-2018	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	680.35	72.48
26 05 33 13-2019		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2020	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	200.34	19.96
26 05 33 13-2021	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	222.59	23.11
26 05 33 13-2022	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	253.22	26.26
26 05 33 13-2023	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	316.41	28.89
26 05 33 13-2024	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	440.25	36.24
26 05 33 13-2025	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	559.68	49.37
26 05 33 13-2026	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	694.45	55.67
26 05 33 13-2027	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	762.56	72.48
26 05 33 13-2028	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,272.18	118.16
26 05 33 13-2029		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2030	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	229.83	19.96
26 05 33 13-2031	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	254.47	23.11
26 05 33 13-2032	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	287.95	26.26
26 05 33 13-2033	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	361.15	28.89
26 05 33 13-2034	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	505.61	36.24
26 05 33 13-2035	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	641.10	49.37
26 05 33 13-2036	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	753.89	55.67
26 05 33 13-2037	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	868.69	72.48
26 05 33 13-2038	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,346.56	118.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2039	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,836.30	177.51
26 05 33 13-2040		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2041	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	270.89	19.96
26 05 33 13-2042	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	282.89	23.11
26 05 33 13-2043	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	334.42	26.26
26 05 33 13-2044	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	423.43	28.89
26 05 33 13-2045	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	593.74	36.24
26 05 33 13-2046	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	750.87	49.37
26 05 33 13-2047	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	919.13	55.67
26 05 33 13-2048	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,075.16	72.48
26 05 33 13-2049	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,589.18	118.16
26 05 33 13-2050	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,947.67	177.51
26 05 33 13-2051		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2052	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	280.78	19.96
26 05 33 13-2053	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	330.96	23.11
26 05 33 13-2054	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	374.61	26.26
26 05 33 13-2055	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	442.16	28.89
26 05 33 13-2056	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	615.76	36.24
26 05 33 13-2057	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	784.63	49.37
26 05 33 13-2058	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,009.12	55.67
26 05 33 13-2059	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,121.99	72.48
26 05 33 13-2060	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,654.36	118.16
26 05 33 13-2061	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	2,004.26	177.51
26 05 33 13-2062		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2063	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	91.87	13.13
26 05 33 13-2064	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	99.37	16.29
26 05 33 13-2065	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	129.47	19.96
26 05 33 13-2066	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	190.36	23.11
26 05 33 13-2067	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	226.38	26.26
26 05 33 13-2068	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	289.46	28.89
26 05 33 13-2069	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	386.15	36.24
26 05 33 13-2070	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	504.92	36.24
26 05 33 13-2071	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	647.75	55.67
26 05 33 13-2072	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	833.71	72.48
26 05 33 13-2073	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,523.72	118.16
26 05 33 13-2074	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,888.29	177.51
26 05 33 13-2075		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1948)*		
26 05 33 13-2076	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	94.08	13.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2077	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	107.81	16.29
26 05 33 13-2078	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	133.97	19.96
26 05 33 13-2079	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	198.62	23.11
26 05 33 13-2080	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	237.84	26.26
26 05 33 13-2081	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	314.22	28.89
26 05 33 13-2082	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	439.13	36.24
26 05 33 13-2083	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	558.79	36.24
26 05 33 13-2084	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	745.14	55.67
26 05 33 13-2085	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	930.75	72.48
26 05 33 13-2086	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,701.60	118.16
26 05 33 13-2087	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,175.50	177.51

26 05 33 13-2088 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial *(26 05 33 13-1948)*

26 05 33 13-2089	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.21	6.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2090	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.71	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2091	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.97	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2092	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.72	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2093	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.68	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2094	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.65	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2095	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.26	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2096	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.53	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2097	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.44	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2098	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.60	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2099	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.03	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2100	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.83	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2101	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.43	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2102	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.86	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2103	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.78	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2104	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.96	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2105	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.94	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2106	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.24	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2107	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.85	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2108	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.46	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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26 05 33 13-2109	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.26	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2110	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.59	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2111	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.79	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2112	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.69	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2113	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	114.19	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2114	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.42	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2115	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.18	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2116	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.81	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2117	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.73	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2118	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.21	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2119	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.64	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2120	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	91.20	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2121	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	119.61	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2122	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	143.26	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2123	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	166.20	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-2124	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.75	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2125	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.54	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2126	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.19	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2127	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.42	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2128	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.93	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2129	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.19	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2130	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	101.22	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2131	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	127.72	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2132	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	144.99	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2133	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	170.82	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-2134	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	252.77	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-2135	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.38	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2136	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.17	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2137	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.88	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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26 05 33 13-2138	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.69	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2139	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.45	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2140	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	68.74	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2141	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	111.39	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2142	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	138.50	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2143	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	154.70	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2144	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	187.20	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-2145	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	277.25	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-2146	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.38	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2147	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.14	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2148	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.41	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2149	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.02	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2150	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.55	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2151	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	76.31	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2152	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	123.90	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2153	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	153.24	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2154	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	179.00	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2155	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	211.78	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-2156	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	294.02	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-2157	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.42	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2158	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.15	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2159	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.91	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2160	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.60	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2161	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	70.93	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2162	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	87.45	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2163	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	137.12	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2164	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	172.13	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2165	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	204.53	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2166	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	254.79	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2167	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	327.50	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 33 13-2168	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.49	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2169	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.35	7.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2170	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.72	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2171	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	68.12	11.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2172	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	79.85	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2173	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	96.39	14.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-2174	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	154.76	17.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 33 13-2175	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	200.45	24.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 05 33 13-2176	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	220.19	27.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.70*	
26 05 33 13-2177	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	267.99	36.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.74*	
26 05 33 13-2178	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	332.28	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	

26 05 33 13-2179 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1868)*

Note: Direct burial or encased application.

26 05 33 13-2180 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2179)*

Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2329 for field bending >1".

26 05 33 13-2181	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	7.39	1.35
		For Work In Restricted Working Space, Add	*1.02*	
26 05 33 13-2182	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.15	1.46
		For Work In Restricted Working Space, Add	*1.10*	
26 05 33 13-2183	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.69	1.56
		For Work In Restricted Working Space, Add	*1.18*	
26 05 33 13-2184	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.21	1.67
		For Work In Restricted Working Space, Add	*1.25*	
26 05 33 13-2185	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.87	1.77
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2186	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.28	1.87
		For Work In Restricted Working Space, Add	*1.41*	
26 05 33 13-2187	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.64	1.99
		For Work In Restricted Working Space, Add	*1.49*	
26 05 33 13-2188	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	13.24	2.09
		For Work In Restricted Working Space, Add	*1.57*	
26 05 33 13-2189	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	14.50	2.20
		For Work In Restricted Working Space, Add	*1.64*	
26 05 33 13-2190	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	15.77	2.30
		For Work In Restricted Working Space, Add	*1.72*	
26 05 33 13-2191	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.53	2.41
		For Work In Restricted Working Space, Add	*1.80*	
26 05 33 13-2192	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	21.93	2.51
		For Work In Restricted Working Space, Add	*1.88*	

26 05 33 13-2193 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2179)*

26 05 33 13-2194	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	100.10	10.44
		For Work In Restricted Working Space, Add	*7.83*	
		For 24" Radius, Add	*6.86*	
		For 36" Radius, Add	*10.01*	
		For 48" Radius, Add	*13.17*	
26 05 33 13-2195	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	114.17	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For 24" Radius, Add	*7.78*	
		For 36" Radius, Add	*11.42*	
		For 48" Radius, Add	*15.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2196	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	120.23	14.62
		For Work In Restricted Working Space, Add	*10.96*	
		For 24" Radius, Add	*8.10*	
		For 36" Radius, Add	*12.02*	
		For 48" Radius, Add	*15.94*	
26 05 33 13-2197	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	126.26	16.70
		For Work In Restricted Working Space, Add	*12.53*	
		For 24" Radius, Add	*8.43*	
		For 36" Radius, Add	*12.63*	
		For 48" Radius, Add	*16.83*	
26 05 33 13-2198	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	132.32	18.79
		For Work In Restricted Working Space, Add	*14.09*	
		For 24" Radius, Add	*8.75*	
		For 36" Radius, Add	*13.23*	
		For 48" Radius, Add	*17.71*	
26 05 33 13-2199	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	149.31	20.88
		For Work In Restricted Working Space, Add	*15.66*	
		For 24" Radius, Add	*9.89*	
		For 36" Radius, Add	*14.93*	
		For 48" Radius, Add	*19.97*	
26 05 33 13-2200	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	173.65	22.97
		For Work In Restricted Working Space, Add	*17.23*	
		For 24" Radius, Add	*11.59*	
		For 36" Radius, Add	*17.37*	
		For 48" Radius, Add	*23.14*	
26 05 33 13-2201	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	202.12	25.05
		For Work In Restricted Working Space, Add	*18.79*	
		For 24" Radius, Add	*13.59*	
		For 36" Radius, Add	*20.21*	
		For 48" Radius, Add	*26.83*	
26 05 33 13-2202	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	230.01	29.24
		For Work In Restricted Working Space, Add	*21.93*	
		For 24" Radius, Add	*15.42*	
		For 36" Radius, Add	*23.00*	
		For 48" Radius, Add	*30.58*	
26 05 33 13-2203	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	257.88	37.59
		For Work In Restricted Working Space, Add	*25.06*	
		For 24" Radius, Add	*17.25*	
		For 36" Radius, Add	*25.79*	
		For 48" Radius, Add	*34.32*	
26 05 33 13-2204	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	311.90	37.59
		For Work In Restricted Working Space, Add	*28.19*	
		For 24" Radius, Add	*21.04*	
		For 36" Radius, Add	*31.19*	
		For 48" Radius, Add	*41.34*	
26 05 33 13-2205	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	376.83	41.76
		For Work In Restricted Working Space, Add	*31.32*	
		For 24" Radius, Add	*25.65*	
		For 36" Radius, Add	*37.68*	
		For 48" Radius, Add	*49.71*	

26 05 33 13-2206 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2179)*

26 05 33 13-2207	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	45.26	5.85
		For Work In Restricted Working Space, Add	*4.39*	
26 05 33 13-2208	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	50.84	6.68
		For Work In Restricted Working Space, Add	*5.01*	
26 05 33 13-2209	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	53.28	7.52
		For Work In Restricted Working Space, Add	*5.64*	
26 05 33 13-2210	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	55.66	8.35
		For Work In Restricted Working Space, Add	*6.26*	
26 05 33 13-2211	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	58.45	9.18
		For Work In Restricted Working Space, Add	*6.89*	
26 05 33 13-2212	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	67.30	10.03
		For Work In Restricted Working Space, Add	*7.52*	
26 05 33 13-2213	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	79.04	11.28
		For Work In Restricted Working Space, Add	*8.46*	
26 05 33 13-2214	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	92.34	12.53
		For Work In Restricted Working Space, Add	*9.40*	
26 05 33 13-2215	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	105.19	14.62
		For Work In Restricted Working Space, Add	*10.96*	
26 05 33 13-2216	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	118.04	16.70
		For Work In Restricted Working Space, Add	*12.53*	
26 05 33 13-2217	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	142.32	18.79
		For Work In Restricted Working Space, Add	*14.09*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2218		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	171.34	20.88
			For Work In Restricted Working Space, Add	*15.66*	

26 05 33 13-2219 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2179)*

26 05 33 13-2220		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	31.91	5.85
			For Work In Restricted Working Space, Add	*4.39*	
26 05 33 13-2221		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	35.91	6.68
			For Work In Restricted Working Space, Add	*5.01*	
26 05 33 13-2222		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	38.20	7.52
			For Work In Restricted Working Space, Add	*5.64*	
26 05 33 13-2223		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	40.50	8.35
			For Work In Restricted Working Space, Add	*6.26*	
26 05 33 13-2224		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	42.79	9.18
			For Work In Restricted Working Space, Add	*6.89*	
26 05 33 13-2225		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	44.99	10.03
			For Work In Restricted Working Space, Add	*7.52*	
26 05 33 13-2226		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	52.11	11.28
			For Work In Restricted Working Space, Add	*8.46*	
26 05 33 13-2227		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	60.03	12.53
			For Work In Restricted Working Space, Add	*9.40*	
26 05 33 13-2228		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	68.84	14.62
			For Work In Restricted Working Space, Add	*10.96*	
26 05 33 13-2229		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	77.65	16.70
			For Work In Restricted Working Space, Add	*12.53*	
26 05 33 13-2230		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	91.88	18.79
			For Work In Restricted Working Space, Add	*14.09*	
26 05 33 13-2231		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	108.28	20.88
			For Work In Restricted Working Space, Add	*15.66*	

26 05 33 13-2232 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2179)*

26 05 33 13-2233		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	29.84	3.34
			For Work In Restricted Working Space, Add	*2.51*	
26 05 33 13-2234		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	33.28	3.76
			For Work In Restricted Working Space, Add	*2.82*	
26 05 33 13-2235		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	34.59	4.18
			For Work In Restricted Working Space, Add	*3.13*	
26 05 33 13-2236		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	35.78	4.59
			For Work In Restricted Working Space, Add	*3.45*	
26 05 33 13-2237		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	37.38	5.01
			For Work In Restricted Working Space, Add	*3.76*	
26 05 33 13-2238		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	44.20	5.85
			For Work In Restricted Working Space, Add	*4.39*	
26 05 33 13-2239		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	53.23	7.10
			For Work In Restricted Working Space, Add	*5.33*	
26 05 33 13-2240		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	63.45	8.35
			For Work In Restricted Working Space, Add	*6.26*	
26 05 33 13-2241		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	73.99	10.44
			For Work In Restricted Working Space, Add	*7.83*	
26 05 33 13-2242		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	84.52	12.53
			For Work In Restricted Working Space, Add	*9.40*	
26 05 33 13-2243		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	103.03	14.62
			For Work In Restricted Working Space, Add	*10.96*	
26 05 33 13-2244		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	124.90	16.70
			For Work In Restricted Working Space, Add	*12.53*	

26 05 33 13-2245 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2179)*

26 05 33 13-2246		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	75.88	20.88
			For Work In Restricted Working Space, Add	*15.66*	
26 05 33 13-2247		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	88.91	25.05
			For Work In Restricted Working Space, Add	*18.79*	
26 05 33 13-2248		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	99.65	29.24
			For Work In Restricted Working Space, Add	*21.93*	
26 05 33 13-2249		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	110.26	33.41
			For Work In Restricted Working Space, Add	*25.06*	
26 05 33 13-2250		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	116.09	35.50
			For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2251		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	126.50	37.59
			For Work In Restricted Working Space, Add	*28.19*	
26 05 33 13-2252		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	138.25	39.67
			For Work In Restricted Working Space, Add	*29.76*	
26 05 33 13-2253		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	151.28	41.76
			For Work In Restricted Working Space, Add	*31.32*	
26 05 33 13-2254		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	162.35	43.85
			For Work In Restricted Working Space, Add	*32.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2255	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	173.43	45.94
		For Work In Restricted Working Space, Add	*34.46*	
26 05 33 13-2256	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	193.30	48.02
		For Work In Restricted Working Space, Add	*36.02*	
26 05 33 13-2257	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	216.82	50.12
		For Work In Restricted Working Space, Add	*37.58*	

26 05 33 13-2258 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2179)*

26 05 33 13-2259	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	85.50	20.88
		For Work In Restricted Working Space, Add	*15.66*	
26 05 33 13-2260	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	99.69	25.05
		For Work In Restricted Working Space, Add	*18.79*	
26 05 33 13-2261	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	110.49	29.24
		For Work In Restricted Working Space, Add	*21.93*	
26 05 33 13-2262	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	121.22	33.41
		For Work In Restricted Working Space, Add	*25.06*	
26 05 33 13-2263	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	127.14	35.50
		For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2264	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	139.12	37.59
		For Work In Restricted Working Space, Add	*28.19*	
26 05 33 13-2265	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	153.38	39.67
		For Work In Restricted Working Space, Add	*29.76*	
26 05 33 13-2266	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	169.44	41.76
		For Work In Restricted Working Space, Add	*31.32*	
26 05 33 13-2267	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	182.79	43.85
		For Work In Restricted Working Space, Add	*32.89*	
26 05 33 13-2268	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	196.16	45.94
		For Work In Restricted Working Space, Add	*34.46*	
26 05 33 13-2269	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	221.78	48.02
		For Work In Restricted Working Space, Add	*36.02*	
26 05 33 13-2270	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	252.41	50.12
		For Work In Restricted Working Space, Add	*37.58*	

26 05 33 13-2271 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-2179)*

26 05 33 13-2272	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	93.80	5.85
		For Work In Restricted Working Space, Add	*4.39*	
26 05 33 13-2273	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	104.66	6.68
		For Work In Restricted Working Space, Add	*5.01*	
26 05 33 13-2274	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	109.45	7.52
		For Work In Restricted Working Space, Add	*5.64*	
26 05 33 13-2275	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	114.36	8.35
		For Work In Restricted Working Space, Add	*6.26*	
26 05 33 13-2276	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	117.90	9.18
		For Work In Restricted Working Space, Add	*6.89*	
26 05 33 13-2277	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	129.02	10.03
		For Work In Restricted Working Space, Add	*7.52*	
26 05 33 13-2278	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	152.97	11.28
		For Work In Restricted Working Space, Add	*8.46*	
26 05 33 13-2279	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	180.97	12.53
		For Work In Restricted Working Space, Add	*9.40*	
26 05 33 13-2280	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	204.90	14.62
		For Work In Restricted Working Space, Add	*10.96*	
26 05 33 13-2281	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	228.84	16.70
		For Work In Restricted Working Space, Add	*12.53*	
26 05 33 13-2282	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	280.90	18.79
		For Work In Restricted Working Space, Add	*14.09*	
26 05 33 13-2283	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	342.78	20.88
		For Work In Restricted Working Space, Add	*15.66*	

26 05 33 13-2284 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2179)*

26 05 33 13-2285	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	102.22	20.88
		For Work In Restricted Working Space, Add	*15.66*	
26 05 33 13-2286	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	118.23	25.05
		For Work In Restricted Working Space, Add	*18.79*	
26 05 33 13-2287	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	141.76	29.24
		For Work In Restricted Working Space, Add	*21.93*	
26 05 33 13-2288	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	176.12	33.41
		For Work In Restricted Working Space, Add	*25.06*	
26 05 33 13-2289	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	215.67	35.50
		For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2290	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	282.06	37.59
		For Work In Restricted Working Space, Add	*28.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2291	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	395.18	39.67
		For Work In Restricted Working Space, Add	*29.76*	
26 05 33 13-2292	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	471.44	41.76
		For Work In Restricted Working Space, Add	*31.32*	
26 05 33 13-2293	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	561.01	43.85
		For Work In Restricted Working Space, Add	*32.89*	
26 05 33 13-2294	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	650.60	45.94
		For Work In Restricted Working Space, Add	*34.46*	
26 05 33 13-2295	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	756.45	48.02
		For Work In Restricted Working Space, Add	*36.02*	
26 05 33 13-2296	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,205.65	50.12
		For Work In Restricted Working Space, Add	*37.58*	

26 05 33 13-2297 Spacers *(26 05 33 13-1868)*

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1868 for conduit.

26 05 33 13-2298	EA	1" Base Spacers, Average 4" Wide, Direct Burial	11.20
26 05 33 13-2299	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	12.02
26 05 33 13-2300	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	13.31
26 05 33 13-2301	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	14.29
26 05 33 13-2302	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	13.44
26 05 33 13-2303	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.39
26 05 33 13-2304	EA	2" Base Spacer, Average 4" Wide, Direct Burial	16.64
26 05 33 13-2305	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.45
26 05 33 13-2306	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	18.37
26 05 33 13-2307	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.77
26 05 33 13-2308	EA	3" Base Spacer, Average 4" Wide, Direct Burial	21.00
26 05 33 13-2309	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	20.08
26 05 33 13-2310	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	22.75
26 05 33 13-2311	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	21.77
26 05 33 13-2312	EA	4" Base Spacer, Average 4" Wide, Direct Burial	23.46
26 05 33 13-2313	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	22.38
26 05 33 13-2314	EA	5" Base Spacer, Average 4" Wide, Direct Burial	25.94
26 05 33 13-2315	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	24.67
26 05 33 13-2316	EA	6" Base Spacer, Average 4" Wide, Direct Burial	29.40
26 05 33 13-2317	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	28.32

26 05 33 13-2318 Conduit Field Bending *(26 05 33 13-0058)*

Note: Conduit tasks by LF include field bending up to and include 1" conduit.

26 05 33 13-2319 Metallic Conduit Field Bending *(26 05 33 13-2318)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), and Intermediate Metal Conduit (IMC).

26 05 33 13-2320	EA	1-1/4" Metallic Conduit Field Bending	18.93
		For Aluminum Conduit Bending, Add	*12.49*
26 05 33 13-2321	EA	1-1/2" Metallic Conduit Field Bending	23.66
		For Aluminum Conduit Bending, Add	*15.62*
26 05 33 13-2322	EA	2" Metallic Conduit Field Bending	29.57
		For Aluminum Conduit Bending, Add	*19.52*
26 05 33 13-2323	EA	2-1/2" Metallic Conduit Field Bending	41.41
		For Aluminum Conduit Bending, Add	*27.33*
26 05 33 13-2324	EA	3" Metallic Conduit Field Bending	53.23
		For Aluminum Conduit Bending, Add	*35.13*
26 05 33 13-2325	EA	3-1/2" Metallic Conduit Field Bending	70.98
		For Aluminum Conduit Bending, Add	*46.85*
26 05 33 13-2326	EA	4" Metallic Conduit Field Bending	82.80
		For Aluminum Conduit Bending, Add	*54.65*
26 05 33 13-2327	EA	5" Metallic Conduit Field Bending	94.64
		For Aluminum Conduit Bending, Add	*62.46*
26 05 33 13-2328	EA	6" Metallic Conduit Field Bending	112.38
		For Aluminum Conduit Bending, Add	*74.17*

26 05 33 13-2329 Plastic Conduit Field Bending *(26 05 33 13-2318)*

Note: For PVC conduits.

26 05 33 13-2330	EA	1" Plastic Conduit Field Bending	27.21
26 05 33 13-2331	EA	1-1/4" Plastic Conduit Field Bending	29.57
26 05 33 13-2332	EA	1-1/2" Plastic Conduit Field Bending	35.48
26 05 33 13-2333	EA	2" Plastic Conduit Field Bending	47.32
26 05 33 13-2334	EA	2-1/2" Plastic Conduit Field Bending	59.14
26 05 33 13-2335	EA	3" Plastic Conduit Field Bending	70.98
26 05 33 13-2336	EA	3-1/2" Plastic Conduit Field Bending	82.80
26 05 33 13-2337	EA	4" Plastic Conduit Field Bending	94.64
26 05 33 13-2338	EA	5" Plastic Conduit Field Bending	106.46
26 05 33 13-2339	EA	6" Plastic Conduit Field Bending	118.29

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2340			**Cut And Thread Existing In-Place Threaded Conduit** *(26 05 33 13-0058)*		
			Note: For use when connecting conduit to an existing in-place system.		
26 05 33 13-2341		EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	34.58	
			For Work In Restricted Working Space, Add	*10.37*	
26 05 33 13-2342		EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	38.03	
			For Work In Restricted Working Space, Add	*11.41*	
26 05 33 13-2343		EA	1", Cut And Thread Existing In-Place Threaded Conduit	41.49	
			For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-2344		EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	44.95	
			For Work In Restricted Working Space, Add	*13.49*	
26 05 33 13-2345		EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	47.26	
			For Work In Restricted Working Space, Add	*14.18*	
26 05 33 13-2346		EA	2", Cut And Thread Existing In-Place Threaded Conduit	49.56	
			For Work In Restricted Working Space, Add	*14.87*	
26 05 33 13-2347		EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	51.86	
			For Work In Restricted Working Space, Add	*15.56*	
26 05 33 13-2348		EA	3", Cut And Thread Existing In-Place Threaded Conduit	54.17	
			For Work In Restricted Working Space, Add	*16.25*	
26 05 33 13-2349		EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	55.33	
			For Work In Restricted Working Space, Add	*16.60*	
26 05 33 13-2350		EA	4", Cut And Thread Existing In-Place Threaded Conduit	56.47	
			For Work In Restricted Working Space, Add	*16.94*	
26 05 33 13-2351		EA	5", Cut And Thread Existing In-Place Threaded Conduit	58.78	
			For Work In Restricted Working Space, Add	*17.63*	
26 05 33 13-2352		EA	6", Cut And Thread Existing In-Place Threaded Conduit	61.08	
			For Work In Restricted Working Space, Add	*18.32*	
26 05 33 13-2353			**Flexible Conduit** *(26 05 33 13-0058)*		
26 05 33 13-2354			**Flexible Liquid Tight Metallic Conduit And Connectors** *(26 05 33 13-2353)*		
			Note: Steel inner core with PVC cover.		
26 05 33 13-2355			**Flexible Liquid Tight Metallic Conduit** *(26 05 33 13-2354)*		
26 05 33 13-2356		LF	3/8" Flexible Liquid Tight Metallic Conduit	4.57	1.27
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.47*	
			For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2357		LF	1/2" Flexible Liquid Tight Metallic Conduit	4.78	1.27
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.47*	
			For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2358		LF	3/4" Flexible Liquid Tight Metallic Conduit	6.41	1.68
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.63*	
			For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2359		LF	1" Flexible Liquid Tight Metallic Conduit	7.54	1.68
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.63*	
			For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2360		LF	1-1/4" Flexible Liquid Tight Metallic Conduit	9.80	2.10
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.79*	
			For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-2361		LF	1-1/2" Flexible Liquid Tight Metallic Conduit	12.69	2.52
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.95*	
			For Work In Restricted Working Space, Add	*1.89*	
26 05 33 13-2362		LF	2" Flexible Liquid Tight Metallic Conduit	16.66	3.36
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.26*	
			For Work In Restricted Working Space, Add	*2.52*	
26 05 33 13-2363		LF	2-1/2" Flexible Liquid Tight Metallic Conduit	23.10	3.79
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.42*	
			For Work In Restricted Working Space, Add	*2.84*	
26 05 33 13-2364		LF	3" Flexible Liquid Tight Metallic Conduit	34.50	4.62
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.73*	
			For Work In Restricted Working Space, Add	*3.47*	
26 05 33 13-2365		LF	4" Flexible Liquid Tight Metallic Conduit	47.46	5.88
			For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-2366			**Straight Liquid Tight Connector** *(26 05 33 13-2354)*		
26 05 33 13-2367		EA	3/8" Straight Liquid Tight Connector	12.45	3.36
			For Work In Restricted Working Space, Add	*2.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.52*	
26 05 33 13-2368		EA	1/2" Straight Liquid Tight Connector	12.45	3.36
			For Work In Restricted Working Space, Add	*2.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.52*	
26 05 33 13-2369		EA	3/4" Straight Liquid Tight Connector	15.26	3.79
			For Work In Restricted Working Space, Add	*2.84*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.84*	
26 05 33 13-2370		EA	1" Straight Liquid Tight Connector	20.85	4.20
			For Work In Restricted Working Space, Add	*3.15*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-2371		EA	1-1/4" Straight Liquid Tight Connector	27.20	4.62
			For Work In Restricted Working Space, Add	*3.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2372		EA	1-1/2" Straight Liquid Tight Connector	34.92	5.04
			For Work In Restricted Working Space, Add	*3.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2373	EA	2" Straight Liquid Tight Connector	48.71	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-2374	EA	2-1/2" Straight Liquid Tight Connector	173.27	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-2375	EA	3" Straight Liquid Tight Connector	224.38	7.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2376	EA	4" Straight Liquid Tight Connector	273.54	11.77
		For Work In Restricted Working Space, Add	*8.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	

26 05 33 13-2377 90 Degree Angle Liquid Tight Connector *(26 05 33 13-2354)*

26 05 33 13-2378	EA	3/8" 90 Degree Angle Liquid Tight Connector	18.32	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2379	EA	1/2" 90 Degree Angle Liquid Tight Connector	19.19	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2380	EA	3/4" 90 Degree Angle Liquid Tight Connector	21.78	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2381	EA	1" 90 Degree Angle Liquid Tight Connector	31.40	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-2382	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	40.15	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2383	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	49.22	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-2384	EA	2" 90 Degree Angle Liquid Tight Connector	65.84	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	
26 05 33 13-2385	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	243.48	7.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2386	EA	3" 90 Degree Angle Liquid Tight Connector	287.81	9.25
		For Work In Restricted Working Space, Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.93*	
26 05 33 13-2387	EA	4" 90 Degree Angle Liquid Tight Connector	397.09	14.71
		For Work In Restricted Working Space, Add	*11.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	

26 05 33 13-2388 45 Degree Angle Connector *(26 05 33 13-2354)*

26 05 33 13-2389	EA	3/8" 45 Degree Angle Liquid Tight Connector	18.03	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2390	EA	1/2" 45 Degree Angle Liquid Tight Connector	18.23	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2391	EA	3/4" 45 Degree Angle Liquid Tight Connector	21.78	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2392	EA	1" 45 Degree Angle Liquid Tight Connector	33.78	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-2393	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	38.61	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2394	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	43.47	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	

26 05 33 13-2395 Flexible Metallic Conduit And Connectors *(26 05 33 13-2353)*

26 05 33 13-2396 Flexible Steel Conduit *(26 05 33 13-2395)*

26 05 33 13-2397	LF	3/8" Flexible Metallic Conduit	4.20	1.37
		For Flexible Aluminum Conduit, Add	*0.14*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.51*	
		For Installation In Metal Stud Wall, Add	*0.34*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.84*	
		For Work In Restricted Working Space, Add	*1.01*	
26 05 33 13-2398	LF	1/2" Flexible Metallic Conduit	4.37	1.37
		For Flexible Aluminum Conduit, Add	*0.15*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.52*	
		For Installation In Metal Stud Wall, Add	*0.35*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.86*	
		For Work In Restricted Working Space, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2399	LF	3/4" Flexible Metallic Conduit	4.98	1.84
		For Flexible Aluminum Conduit, Add	*0.21*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.56*	
		For Installation In Metal Stud Wall, Add	*0.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.93*	
		For Work In Restricted Working Space, Add	*1.12*	
26 05 33 13-2400	LF	1" Flexible Metallic Conduit	6.35	1.84
		For Flexible Aluminum Conduit, Add	*0.38*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.60*	
		For Installation In Metal Stud Wall, Add	*0.40*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.01*	
		For Work In Restricted Working Space, Add	*1.21*	
26 05 33 13-2401	LF	1-1/4" Flexible Metallic Conduit	7.29	2.30
		For Flexible Aluminum Conduit, Add	*0.50*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.64*	
		For Installation In Metal Stud Wall, Add	*0.43*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.06*	
		For Work In Restricted Working Space, Add	*1.28*	
26 05 33 13-2402	LF	1-1/2" Flexible Metallic Conduit	9.76	2.76
		For Flexible Aluminum Conduit, Add	*0.88*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.66*	
		For Installation In Metal Stud Wall, Add	*0.44*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.11*	
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2403	LF	2" Flexible Metallic Conduit	11.14	3.68
		For Flexible Aluminum Conduit, Add	*1.08*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.69*	
		For Installation In Metal Stud Wall, Add	*0.46*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.15*	
		For Work In Restricted Working Space, Add	*1.38*	
26 05 33 13-2404	LF	2-1/2" Flexible Steel Conduit	13.66	4.13
		For Flexible Aluminum Conduit, Add	*1.31*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*0.86*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2405	LF	3" Flexible Metallic Conduit	20.63	5.06
		For Flexible Aluminum Conduit, Add	*2.27*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.03*	
		For Installation In Metal Stud Wall, Add	*0.69*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.72*	
		For Work In Restricted Working Space, Add	*2.07*	
26 05 33 13-2406	LF	3-1/2" Flexible Metallic Conduit	25.37	5.52
		For Flexible Aluminum Conduit, Add	*2.86*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.21*	
		For Installation In Metal Stud Wall, Add	*0.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.01*	
		For Work In Restricted Working Space, Add	*2.42*	
26 05 33 13-2407	LF	4" Flexible Metallic Conduit	29.18	6.43
		For Flexible Aluminum Conduit, Add	*3.30*	
		For Installation In Concrete Beam, Slab, etc. (Excludes Concrete), Add	*1.38*	
		For Installation In Metal Stud Wall, Add	*0.92*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.30*	
		For Work In Restricted Working Space, Add	*2.76*	

26 05 33 13-2408 Plain Squeeze Type Straight Connector *(26 05 33 13-2395)*

26 05 33 13-2409	EA	3/8" Flexible Straight Connectors, Plain	7.28	3.68
		For Work In Restricted Working Space, Add	*1.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.55*	
26 05 33 13-2410	EA	1/2" Flexible Straight Connectors, Plain	9.10	4.13
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2411	EA	3/4" Flexible Straight Connectors, Plain	10.42	5.06
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2412	EA	1" Flexible Straight Connectors, Plain	16.93	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2413	EA	1-1/4" Flexible Straight Connectors, Plain	24.17	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2414	EA	1-1/2" Flexible Straight Connectors, Plain	31.96	7.82
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2415	EA	2" Flexible Straight Connectors, Plain	42.26	7.82
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2416	EA	2-1/2" Flexible Straight Connectors, Plain	69.27	9.65
		For Work In Restricted Working Space, Add	*6.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2417	EA	3" Flexible Straight Connectors, Plain	91.13	10.58
		For Work In Restricted Working Space, Add	*6.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 33 13-2418	EA	3-1/2" Flexible Straight Connectors, Plain	289.40	12.41
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2419	EA	4" Flexible Straight Connectors, Plain	362.14	15.17
		For Work In Restricted Working Space, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	

26 05 33 13-2420 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2395)*

26 05 33 13-2421	EA	1/2" Flexible Straight Connectors, Insulated	10.25	4.13
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2422	EA	3/4" Flexible Straight Connectors, Insulated	11.93	5.06
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2423	EA	1" Flexible Straight Connectors, Insulated	18.99	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2424	EA	1-1/4" Flexible Straight Connectors, Insulated	27.95	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2425	EA	1-1/2" Flexible Straight Connectors, Insulated	38.69	6.89
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2426	EA	2" Flexible Straight Connectors, Insulated	54.14	7.82
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2427	EA	2-1/2" Flexible Straight Connectors, Insulated	94.68	9.65
		For Work In Restricted Working Space, Add	*6.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2428	EA	3" Flexible Straight Connectors, Insulated	121.09	10.58
		For Work In Restricted Working Space, Add	*6.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 33 13-2429	EA	3-1/2" Flexible Straight Connectors, Insulated	335.57	12.41
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-2430	EA	4" Flexible Straight Connectors, Insulated	431.57	15.17
		For Work In Restricted Working Space, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	

26 05 33 13-2431 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2395)*

26 05 33 13-2432	EA	3/8" Flexible 90 Degree Connector, Plain	10.27	4.60
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2433	EA	1/2" Flexible 90 Degree Connector, Plain	13.70	5.06
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2434	EA	3/4" Flexible 90 Degree Connector, Plain	18.04	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2435	EA	1" Flexible 90 Degree Connector, Plain	25.47	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2436	EA	1-1/4" Flexible 90 Degree Connector, Plain	40.32	6.89
		For Work In Restricted Working Space, Add	*4.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.14*	
26 05 33 13-2437	EA	1-1/2" Flexible 90 Degree Connector, Plain	63.59	8.05
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2438	EA	2" Flexible 90 Degree Connector, Plain	76.85	9.88
		For Work In Restricted Working Space, Add	*5.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.86*	
26 05 33 13-2439	EA	2-1/2" Flexible 90 Degree Connector, Plain	172.38	10.58
		For Work In Restricted Working Space, Add	*6.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 33 13-2440	EA	3" Flexible 90 Degree Connector, Plain	221.98	12.41
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-2441	EA	3-1/2" Flexible 90 Degree Connector, Plain	474.74	15.17
		For Work In Restricted Working Space, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-2442	EA	4" Flexible 90 Degree Connector, Plain	850.62	17.24
		For Work In Restricted Working Space, Add	*10.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	

26 05 33 13-2443 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2395)*

26 05 33 13-2444	EA	1/2" Flexible 90 Degree Connector, Insulated	15.30	5.06
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2445	EA	3/4" Flexible 90 Degree Connector, Insulated	20.01	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2446	EA	1" Flexible 90 Degree Connector, Insulated	25.47	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2447	EA	1-1/4" Flexible 90 Degree Connector, Insulated	47.33	6.89
		For Work In Restricted Working Space, Add	*4.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.14*	
26 05 33 13-2448	EA	1-1/2" Flexible 90 Degree Connector, Insulated	76.32	8.05
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2449	EA	2" Flexible 90 Degree Connector, Insulated	97.55	9.88
		For Work In Restricted Working Space, Add	*5.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.86*	
26 05 33 13-2450	EA	2-1/2" Flexible 90 Degree Connector, Insulated	237.08	10.58
		For Work In Restricted Working Space, Add	*6.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 33 13-2451	EA	3" Flexible 90 Degree Connector, Insulated	292.08	12.41
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-2452	EA	3-1/2" Flexible 90 Degree Connector, Insulated	792.45	15.17
		For Work In Restricted Working Space, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-2453	EA	4" Flexible 90 Degree Connector, Insulated	1,183.38	17.24
		For Work In Restricted Working Space, Add	*10.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	

26 05 33 13-2454 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2395)*

26 05 33 13-2455	EA	3/8" Flexible 45 Degree Connector, Plain	11.56	4.60
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2456	EA	1/2" Flexible 45 Degree Connector, Plain	15.77	5.06
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2457	EA	3/4" Flexible 45 Degree Connector, Plain	20.35	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	

26 05 33 13-2458 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2395)*

26 05 33 13-2459	EA	3/8" Flexible 45 Degree Connector, Insulated	12.45	5.52
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2460	EA	1/2" Flexible 45 Degree Connector, Insulated	17.23	5.06
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2461	EA	3/4" Flexible 45 Degree Connector, Insulated	22.42	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	

26 05 33 13-2462 Plain Screw-In Connector *(26 05 33 13-2395)*

26 05 33 13-2463	EA	3/8" Flexible Steel Screw-in Connector, Plain	5.95	3.68
		For Work In Restricted Working Space, Add	*1.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.55*	
26 05 33 13-2464	EA	1/2" Flexible Steel Screw-in Connector, Plain	6.40	4.13
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2465	EA	3/4" Flexible Steel Screw-in Connector, Plain	8.20	5.06
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2466	EA	1" Flexible Steel Screw-in Connector, Plain	11.83	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2467	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	17.68	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2468	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	21.57	6.89
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2469	EA	2" Flexible Steel Screw-in Connector, Plain	32.18	7.82
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	

26 05 33 13-2470 Insulated Screw-In Connector *(26 05 33 13-2395)*

26 05 33 13-2471	EA	3/8" Flexible Steel Screw-in Connector, Insulated	6.33	3.68
		For Work In Restricted Working Space, Add	*1.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.55*	
26 05 33 13-2472	EA	1/2" Flexible Steel Screw-in Connector, Insulated	6.70	4.13
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2473	EA	3/4" Flexible Steel Screw-in Connector, Insulated	8.99	5.06
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2474	EA	1" Flexible Steel Screw-in Connector, Insulated	13.03	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2475	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	19.38	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2476	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	23.61	6.89
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2477	EA	2" Flexible Steel Screw-in Connector, Insulated	33.98	7.82
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2478		**Screw-In Coupling** *(26 05 33 13-2395)*		
26 05 33 13-2479	EA	1/2" Flexible Steel Screw-in Coupling	7.15	4.13
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2480	EA	3/4" Flexible Steel Screw-in Coupling	9.44	5.06
		For Work In Restricted Working Space, Add	*2.07*	
26 05 33 13-2481		**Flexible To Electrical Metallic Tubing (EMT) Coupling** *(26 05 33 13-2395)*		
26 05 33 13-2482	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.92	3.68
		For Work In Restricted Working Space, Add	*1.55*	
26 05 33 13-2483	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	13.67	4.13
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-2484	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	18.15	5.06
		For Work In Restricted Working Space, Add	*2.07*	
26 05 33 13-2485		**Die Cast Squeeze Type Straight Connector** *(26 05 33 13-2395)*		
26 05 33 13-2486	EA	3/8" Flexible Straight Connector, Die Cast	6.19	3.68
		For Work In Restricted Working Space, Add	*1.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.55*	
26 05 33 13-2487	EA	1/2" Flexible Straight Connector, Die Cast	7.02	4.13
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-2488	EA	3/4" Flexible Straight Connector, Die Cast	8.73	5.06
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2489	EA	1" Flexible Straight Connector, Die Cast	13.30	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2490	EA	1-1/4" Flexible Straight Connector, Die Cast	18.04	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2491	EA	1-1/2" Flexible Straight Connector, Die Cast	24.64	6.89
		For Work In Restricted Working Space, Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2492	EA	2" Flexible Straight Connector, Die Cast	32.01	7.82
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2493		**Die Cast Squeeze Type 90 Degree Connector** *(26 05 33 13-2395)*		
26 05 33 13-2494	EA	3/8" Flexible 90 Degree Connector, Die Cast	8.19	4.60
		For Work In Restricted Working Space, Add	*2.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.07*	
26 05 33 13-2495	EA	1/2" Flexible 90 Degree Connector, Die Cast	10.23	5.06
		For Work In Restricted Working Space, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-2496	EA	3/4" Flexible 90 Degree Connector, Die Cast	12.47	5.52
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2497	EA	1" Flexible 90 Degree Connector, Die Cast	20.17	6.43
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 05 33 13-2498	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	28.94	6.89
		For Work In Restricted Working Space, Add	*4.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.14*	
26 05 33 13-2499	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	45.49	8.05
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-2500	EA	2" Flexible 90 Degree Connector, Die Cast	54.53	9.88
		For Work In Restricted Working Space, Add	*5.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.86*	
26 05 33 13-2501		**Flexible Liquid Tight Non-Metallic Conduit And Connectors** *(26 05 33 13-2353)*		
26 05 33 13-2502		**Flexible Liquid Tight Non-Metallic Conduit** *(26 05 33 13-2501)*		
26 05 33 13-2503	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	4.07	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2504	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	4.15	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2505	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	5.58	1.68
		For Work In Restricted Working Space, Add	*1.26*	
26 05 33 13-2506	LF	1" Flexible Liquid Tight Non-Metallic Conduit	6.98	1.68
		For Work In Restricted Working Space, Add	*1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2507	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	8.87	2.10
		For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-2508	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	11.35	2.52
		For Work In Restricted Working Space, Add	*1.89*	
26 05 33 13-2509	LF	2" Flexible Liquid Tight Non-Metallic Conduit	14.54	3.36
		For Work In Restricted Working Space, Add	*2.52*	

26 05 33 13-2510 Liquid Tight Non-Metallic Straight Connector *(26 05 33 13-2501)*

26 05 33 13-2511	EA	3/8" Liquid Tight Non-Metallic Straight Connector	11.79	3.36
		For Work In Restricted Working Space, Add	*2.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.52*	
26 05 33 13-2512	EA	1/2" Liquid Tight Non-Metallic Straight Connector	11.79	3.36
		For Work In Restricted Working Space, Add	*2.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.52*	
26 05 33 13-2513	EA	3/4" Liquid Tight Non-Metallic Straight Connector	14.47	3.79
		For Work In Restricted Working Space, Add	*2.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.84*	
26 05 33 13-2514	EA	1" Liquid Tight Non-Metallic Straight Connector	18.03	4.20
		For Work In Restricted Working Space, Add	*3.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-2515	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	25.08	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2516	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	31.42	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2517	EA	2" Liquid Tight Non-Metallic Straight Connector	49.23	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	

26 05 33 13-2518 Liquid Tight Non-Metallic 90 Degree Angle Connector *(26 05 33 13-2501)*

26 05 33 13-2519	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.07	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2520	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.07	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2521	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.08	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2522	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	30.01	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-2523	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	30.98	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2524	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	49.47	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-2525	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	66.69	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	

26 05 33 13-2526 Liquid Tight Non-Metallic 45 Degree Angle Connector *(26 05 33 13-2501)*

26 05 33 13-2527	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.07	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2528	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.07	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2529	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.08	5.04
		For Work In Restricted Working Space, Add	*3.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-2530	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	30.01	5.88
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-2531	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	30.98	6.31
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2532	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	49.47	6.73
		For Work In Restricted Working Space, Add	*5.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.04*	
26 05 33 13-2533	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	66.69	7.56
		For Work In Restricted Working Space, Add	*5.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.67*	

26 05 33 13-2534 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2353)*

Note: Carlon - FLEX-PLUS.

26 05 33 13-2535 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2534)*

26 05 33 13-2536	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	5.11	1.37
		For Work In Restricted Working Space, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2537	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	6.92	1.84
		For Work In Restricted Working Space, Add	*1.38*	
26 05 33 13-2538	LF	1" Blue ENT Electrical Non-Metallic Tubing	8.34	1.84
		For Work In Restricted Working Space, Add	*1.38*	

26 05 33 13-2539 Terminal Adapter *(26 05 33 13-2534)*

26 05 33 13-2540	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	11.92	3.68
		For Work In Restricted Working Space, Add	*2.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.76*	
26 05 33 13-2541	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	15.34	4.13
		For Work In Restricted Working Space, Add	*3.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.11*	
26 05 33 13-2542	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	17.92	4.60
		For Work In Restricted Working Space, Add	*3.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	

26 05 33 13-2543 Coupling *(26 05 33 13-2534)*

26 05 33 13-2544	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	11.57	3.68
		For Work In Restricted Working Space, Add	*2.76*	
26 05 33 13-2545	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	13.44	4.13
		For Work In Restricted Working Space, Add	*3.11*	
26 05 33 13-2546	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	16.13	4.60
		For Work In Restricted Working Space, Add	*3.45*	

26 05 33 13-2547 Metallic Conduit Bodies *(26 05 33 13-0058)*

26 05 33 13-2548 Threaded, Cast Aluminum Conduit Body *(26 05 33 13-2547)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)

26 05 33 13-2549 Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2548)*

26 05 33 13-2550	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	59.29	20.17
		For Mogul LB, Add	*4.13*	
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.13*	
26 05 33 13-2551	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	69.82	23.11
		For Mogul LB, Add	*6.15*	
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2552	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	84.37	26.89
		For Mogul LB, Add	*9.50*	
		For Work In Restricted Working Space, Add	*20.17*	
		For Elevated Installation >10' To 15', Add	*6.72*	
		For Elevated Installation >15' To 20', Add	*13.44*	
		For Elevated Installation >20' To 25', Add	*16.81*	
		For Elevated Installation >25' To 30', Add	*23.53*	
		For Elevated Installation >30' To 35', Add	*26.89*	
		For Elevated Installation >35' To 40', Add	*33.61*	
		For Elevated Installation >40', Add	*36.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.17*	
26 05 33 13-2553	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	102.29	30.67
		For Mogul LB, Add	*15.37*	
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.34*	
		For Elevated Installation >20' To 25', Add	*19.17*	
		For Elevated Installation >25' To 30', Add	*26.84*	
		For Elevated Installation >30' To 35', Add	*30.67*	
		For Elevated Installation >35' To 40', Add	*38.34*	
		For Elevated Installation >40', Add	*42.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2554	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	117.07	33.62
		For Mogul LB, Add	*20.58*	
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2555	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	154.19	40.33
		For Mogul LB, Add	*34.98*	
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2556	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	259.90	56.72
		For Mogul LB, Add	*81.49*	
		For Work In Restricted Working Space, Add	*42.54*	
		For Elevated Installation >10' To 15', Add	*14.18*	
		For Elevated Installation >15' To 20', Add	*28.36*	
		For Elevated Installation >20' To 25', Add	*35.45*	
		For Elevated Installation >25' To 30', Add	*49.63*	
		For Elevated Installation >30' To 35', Add	*56.72*	
		For Elevated Installation >35' To 40', Add	*70.90*	
		For Elevated Installation >40', Add	*77.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-2557	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	341.56	75.62
		For Mogul LB, Add	*104.91*	
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.17*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2558	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	454.43	94.53
		For Mogul LB, Add	*151.75*	
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2559	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	590.85	115.12
		For Mogul LB, Add	*212.89*	
		For Work In Restricted Working Space, Add	*86.34*	
		For Elevated Installation >10' To 15', Add	*28.78*	
		For Elevated Installation >15' To 20', Add	*57.56*	
		For Elevated Installation >20' To 25', Add	*71.95*	
		For Elevated Installation >25' To 30', Add	*100.73*	
		For Elevated Installation >30' To 35', Add	*115.12*	
		For Elevated Installation >35' To 40', Add	*143.91*	
		For Elevated Installation >40', Add	*158.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	

26 05 33 13-2560 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2548)*

26 05 33 13-2561	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	60.37	20.17
		For Mogul LB, Add	*4.94*	
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2562	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.87	23.11
		For Mogul LB, Add	*6.94*	
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2563	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.49	26.89
		For Mogul LB, Add	*11.09*	
		For Work In Restricted Working Space, Add	*20.17*	
		For Elevated Installation >10' To 15', Add	*6.72*	
		For Elevated Installation >15' To 20', Add	*13.44*	
		For Elevated Installation >20' To 25', Add	*16.81*	
		For Elevated Installation >25' To 30', Add	*23.53*	
		For Elevated Installation >30' To 35', Add	*26.89*	
		For Elevated Installation >35' To 40', Add	*33.61*	
		For Elevated Installation >40', Add	*36.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.17*	
26 05 33 13-2564	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	104.87	30.67
		For Mogul LB, Add	*17.31*	
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.34*	
		For Elevated Installation >20' To 25', Add	*19.17*	
		For Elevated Installation >25' To 30', Add	*26.84*	
		For Elevated Installation >30' To 35', Add	*30.67*	
		For Elevated Installation >35' To 40', Add	*38.34*	
		For Elevated Installation >40', Add	*42.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	
26 05 33 13-2565	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	121.46	33.62
		For Mogul LB, Add	*23.87*	
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2566	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	163.63	40.33
		For Mogul LB, Add	*42.06*	
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2567	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	255.14	56.72
		For Mogul LB, Add	*77.92*	
		For Work In Restricted Working Space, Add	*42.54*	
		For Elevated Installation >10' To 15', Add	*14.18*	
		For Elevated Installation >15' To 20', Add	*28.36*	
		For Elevated Installation >20' To 25', Add	*35.45*	
		For Elevated Installation >25' To 30', Add	*49.63*	
		For Elevated Installation >30' To 35', Add	*56.72*	
		For Elevated Installation >35' To 40', Add	*70.90*	
		For Elevated Installation >40', Add	*77.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-2568	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	325.55	75.62
		For Mogul LB, Add	*92.91*	
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.17*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2569	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	468.06	94.53
		For Mogul LB, Add	*161.97*	
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2570	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	618.74	115.12
		For Mogul LB, Add	*233.81*	
		For Work In Restricted Working Space, Add	*86.34*	
		For Elevated Installation >10' To 15', Add	*28.78*	
		For Elevated Installation >15' To 20', Add	*57.56*	
		For Elevated Installation >20' To 25', Add	*71.95*	
		For Elevated Installation >25' To 30', Add	*100.73*	
		For Elevated Installation >30' To 35', Add	*115.12*	
		For Elevated Installation >35' To 40', Add	*143.91*	
		For Elevated Installation >40', Add	*158.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	
26 05 33 13-2571		Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2548)*		
26 05 33 13-2572	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	69.53	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2573	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	82.36	26.89
		For Work In Restricted Working Space, Add	*20.17*	
		For Elevated Installation >10' To 15', Add	*6.72*	
		For Elevated Installation >15' To 20', Add	*13.44*	
		For Elevated Installation >20' To 25', Add	*16.81*	
		For Elevated Installation >25' To 30', Add	*23.53*	
		For Elevated Installation >30' To 35', Add	*26.89*	
		For Elevated Installation >35' To 40', Add	*33.61*	
		For Elevated Installation >40', Add	*36.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.17*	
26 05 33 13-2574	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	94.96	29.41
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-2575	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	116.51	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2576	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	134.65	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Elevated Installation >10' To 15', Add	*9.24*	
		For Elevated Installation >15' To 20', Add	*18.49*	
		For Elevated Installation >20' To 25', Add	*23.11*	
		For Elevated Installation >25' To 30', Add	*32.35*	
		For Elevated Installation >30' To 35', Add	*36.97*	
		For Elevated Installation >35' To 40', Add	*46.22*	
		For Elevated Installation >40', Add	*50.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.73*	
26 05 33 13-2577	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	180.40	43.27
		For Work In Restricted Working Space, Add	*32.46*	
		For Elevated Installation >10' To 15', Add	*10.82*	
		For Elevated Installation >15' To 20', Add	*21.64*	
		For Elevated Installation >20' To 25', Add	*27.05*	
		For Elevated Installation >25' To 30', Add	*37.87*	
		For Elevated Installation >30' To 35', Add	*43.28*	
		For Elevated Installation >35' To 40', Add	*54.10*	
		For Elevated Installation >40', Add	*59.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.46*	
26 05 33 13-2578	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	285.14	63.02
		For Work In Restricted Working Space, Add	*47.27*	
		For Elevated Installation >10' To 15', Add	*15.76*	
		For Elevated Installation >15' To 20', Add	*31.51*	
		For Elevated Installation >20' To 25', Add	*39.39*	
		For Elevated Installation >25' To 30', Add	*55.14*	
		For Elevated Installation >30' To 35', Add	*63.02*	
		For Elevated Installation >35' To 40', Add	*78.78*	
		For Elevated Installation >40', Add	*86.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2579	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	368.37	81.93
		For Work In Restricted Working Space, Add	*61.45*	
		For Elevated Installation >10' To 15', Add	*20.48*	
		For Elevated Installation >15' To 20', Add	*40.96*	
		For Elevated Installation >20' To 25', Add	*51.21*	
		For Elevated Installation >25' To 30', Add	*71.69*	
		For Elevated Installation >30' To 35', Add	*81.93*	
		For Elevated Installation >35' To 40', Add	*102.41*	
		For Elevated Installation >40', Add	*112.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.45*	
26 05 33 13-2580	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	591.78	100.83
		For Work In Restricted Working Space, Add	*75.63*	
		For Elevated Installation >10' To 15', Add	*25.21*	
		For Elevated Installation >15' To 20', Add	*50.42*	
		For Elevated Installation >20' To 25', Add	*63.02*	
		For Elevated Installation >25' To 30', Add	*88.23*	
		For Elevated Installation >30' To 35', Add	*100.84*	
		For Elevated Installation >35' To 40', Add	*126.05*	
		For Elevated Installation >40', Add	*138.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.63*	
26 05 33 13-2581	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	677.58	121.43
		For Work In Restricted Working Space, Add	*91.07*	
		For Elevated Installation >10' To 15', Add	*30.36*	
		For Elevated Installation >15' To 20', Add	*60.71*	
		For Elevated Installation >20' To 25', Add	*75.89*	
		For Elevated Installation >25' To 30', Add	*106.25*	
		For Elevated Installation >30' To 35', Add	*121.42*	
		For Elevated Installation >35' To 40', Add	*151.78*	
		For Elevated Installation >40', Add	*166.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.07*	

26 05 33 13-2582 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2548)*

26 05 33 13-2583	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	60.59	20.17
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.13*	
26 05 33 13-2584	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.12	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2585	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	84.59	26.47
		For Work In Restricted Working Space, Add	*19.85*	
		For Elevated Installation >10' To 15', Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*13.24*	
		For Elevated Installation >20' To 25', Add	*16.55*	
		For Elevated Installation >25' To 30', Add	*23.16*	
		For Elevated Installation >30' To 35', Add	*26.47*	
		For Elevated Installation >35' To 40', Add	*33.09*	
		For Elevated Installation >40', Add	*36.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	
26 05 33 13-2586	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	103.84	30.67
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.34*	
		For Elevated Installation >20' To 25', Add	*19.17*	
		For Elevated Installation >25' To 30', Add	*26.84*	
		For Elevated Installation >30' To 35', Add	*30.67*	
		For Elevated Installation >35' To 40', Add	*38.34*	
		For Elevated Installation >40', Add	*42.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	
26 05 33 13-2587	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	116.35	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2588	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	154.27	40.33
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2589	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	251.13	56.72
		For Work In Restricted Working Space, Add	*42.54*	
		For Elevated Installation >10' To 15', Add	*14.18*	
		For Elevated Installation >15' To 20', Add	*28.36*	
		For Elevated Installation >20' To 25', Add	*35.45*	
		For Elevated Installation >25' To 30', Add	*49.63*	
		For Elevated Installation >30' To 35', Add	*56.72*	
		For Elevated Installation >35' To 40', Add	*70.90*	
		For Elevated Installation >40', Add	*77.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-2590	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	322.99	75.62
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.81*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.17*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2591	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	459.86	94.53
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2592	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	593.41	115.12
		For Work In Restricted Working Space, Add	*86.34*	
		For Elevated Installation >10' To 15', Add	*28.78*	
		For Elevated Installation >15' To 20', Add	*57.56*	
		For Elevated Installation >20' To 25', Add	*71.95*	
		For Elevated Installation >25' To 30', Add	*100.73*	
		For Elevated Installation >30' To 35', Add	*115.12*	
		For Elevated Installation >35' To 40', Add	*143.91*	
		For Elevated Installation >40', Add	*158.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	

26 05 33 13-2593 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2548)*

26 05 33 13-2594	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	80.62	26.47
		For Work In Restricted Working Space, Add	*19.85*	
		For Elevated Installation >10' To 15', Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*13.24*	
		For Elevated Installation >20' To 25', Add	*16.55*	
		For Elevated Installation >25' To 30', Add	*23.16*	
		For Elevated Installation >30' To 35', Add	*26.47*	
		For Elevated Installation >35' To 40', Add	*33.09*	
		For Elevated Installation >40', Add	*36.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	
26 05 33 13-2595	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	93.06	29.41
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-2596	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	113.91	32.35
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2597	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	131.33	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Elevated Installation >10' To 15', Add	*9.24*	
		For Elevated Installation >15' To 20', Add	*18.49*	
		For Elevated Installation >20' To 25', Add	*23.11*	
		For Elevated Installation >25' To 30', Add	*32.35*	
		For Elevated Installation >30' To 35', Add	*36.97*	
		For Elevated Installation >35' To 40', Add	*46.22*	
		For Elevated Installation >40', Add	*50.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.73*	
26 05 33 13-2598	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	168.96	40.33
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2599	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	204.29	49.58
		For Work In Restricted Working Space, Add	*37.19*	
		For Elevated Installation >10' To 15', Add	*12.40*	
		For Elevated Installation >15' To 20', Add	*24.79*	
		For Elevated Installation >20' To 25', Add	*30.99*	
		For Elevated Installation >25' To 30', Add	*43.38*	
		For Elevated Installation >30' To 35', Add	*49.58*	
		For Elevated Installation >35' To 40', Add	*61.98*	
		For Elevated Installation >40', Add	*68.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.19*	
26 05 33 13-2600	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	381.06	72.68
		For Work In Restricted Working Space, Add	*54.52*	
		For Elevated Installation >10' To 15', Add	*18.17*	
		For Elevated Installation >15' To 20', Add	*36.34*	
		For Elevated Installation >20' To 25', Add	*45.43*	
		For Elevated Installation >25' To 30', Add	*63.60*	
		For Elevated Installation >30' To 35', Add	*72.69*	
		For Elevated Installation >35' To 40', Add	*90.86*	
		For Elevated Installation >40', Add	*99.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.52*	
26 05 33 13-2601	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	469.86	94.53
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2602	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	670.74	116.80
		For Work In Restricted Working Space, Add	*88.23*	
		For Elevated Installation >10' To 15', Add	*29.41*	
		For Elevated Installation >15' To 20', Add	*58.82*	
		For Elevated Installation >20' To 25', Add	*73.53*	
		For Elevated Installation >25' To 30', Add	*102.94*	
		For Elevated Installation >30' To 35', Add	*117.64*	
		For Elevated Installation >35' To 40', Add	*147.06*	
		For Elevated Installation >40', Add	*161.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.23*	
26 05 33 13-2603	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	810.29	140.33
		For Work In Restricted Working Space, Add	*105.25*	
		For Elevated Installation >10' To 15', Add	*35.08*	
		For Elevated Installation >15' To 20', Add	*70.17*	
		For Elevated Installation >20' To 25', Add	*87.71*	
		For Elevated Installation >25' To 30', Add	*122.79*	
		For Elevated Installation >30' To 35', Add	*140.33*	
		For Elevated Installation >35' To 40', Add	*175.42*	
		For Elevated Installation >40', Add	*192.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.25*	

26 05 33 13-2604 Threaded, Malleable Iron Conduit Body *(26 05 33 13-2547)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)

26 05 33 13-2605 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2604)*

26 05 33 13-2606	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	62.31	20.17
		For Work In Restricted Working Space, Add	*15.13*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.61*	
		For Elevated Installation >25' To 30', Add	*17.65*	
		For Elevated Installation >30' To 35', Add	*20.17*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2607	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	72.35	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2608	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	88.94	26.89
		For Work In Restricted Working Space, Add	*20.17*	
		For Elevated Installation >10' To 15', Add	*6.72*	
		For Elevated Installation >15' To 20', Add	*13.44*	
		For Elevated Installation >20' To 25', Add	*16.81*	
		For Elevated Installation >25' To 30', Add	*23.53*	
		For Elevated Installation >30' To 35', Add	*26.89*	
		For Elevated Installation >35' To 40', Add	*33.61*	
		For Elevated Installation >40', Add	*36.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.17*	
26 05 33 13-2609	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	115.66	30.67
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.34*	
		For Elevated Installation >20' To 25', Add	*19.17*	
		For Elevated Installation >25' To 30', Add	*26.84*	
		For Elevated Installation >30' To 35', Add	*30.67*	
		For Elevated Installation >35' To 40', Add	*38.34*	
		For Elevated Installation >40', Add	*42.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	
26 05 33 13-2610	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	131.84	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2611	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	180.85	40.33
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.34*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2612	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	305.58	56.72
		For Work In Restricted Working Space, Add	*42.54*	
		For Elevated Installation >10' To 15', Add	*14.18*	
		For Elevated Installation >15' To 20', Add	*28.36*	
		For Elevated Installation >20' To 25', Add	*35.45*	
		For Elevated Installation >25' To 30', Add	*49.63*	
		For Elevated Installation >30' To 35', Add	*56.72*	
		For Elevated Installation >35' To 40', Add	*70.91*	
		For Elevated Installation >40', Add	*78.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-2613	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	433.39	75.62
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.82*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.18*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2614	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	598.03	94.53
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2615	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	715.51	115.12
		For Work In Restricted Working Space, Add	*86.34*	
		For Elevated Installation >10' To 15', Add	*28.78*	
		For Elevated Installation >15' To 20', Add	*57.56*	
		For Elevated Installation >20' To 25', Add	*71.95*	
		For Elevated Installation >25' To 30', Add	*100.73*	
		For Elevated Installation >30' To 35', Add	*115.12*	
		For Elevated Installation >35' To 40', Add	*143.91*	
		For Elevated Installation >40', Add	*158.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	

26 05 33 13-2616 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2604)*

26 05 33 13-2617	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	65.06	20.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.13*	
26 05 33 13-2618	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.16	23.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2619	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	93.15	26.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.17*	
26 05 33 13-2620	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	118.47	30.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	
26 05 33 13-2621	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	135.28	33.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2622	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	173.78	40.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2623	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	266.31	56.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-2624	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	362.78	75.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2625	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	639.61	94.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2626	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	746.18	115.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	

26 05 33 13-2627 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2604)*

26 05 33 13-2628	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	77.40	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2629	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	91.23	26.89
		For Work In Restricted Working Space, Add	*20.48*	
		For Elevated Installation >10' To 15', Add	*6.83*	
		For Elevated Installation >15' To 20', Add	*13.65*	
		For Elevated Installation >20' To 25', Add	*17.07*	
		For Elevated Installation >25' To 30', Add	*23.89*	
		For Elevated Installation >30' To 35', Add	*27.31*	
		For Elevated Installation >35' To 40', Add	*34.14*	
		For Elevated Installation >40', Add	*37.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.48*	
26 05 33 13-2630	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	108.25	29.41
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-2631	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	136.78	33.62
		For Work In Restricted Working Space, Add	*24.89*	
		For Elevated Installation >10' To 15', Add	*8.30*	
		For Elevated Installation >15' To 20', Add	*16.60*	
		For Elevated Installation >20' To 25', Add	*20.75*	
		For Elevated Installation >25' To 30', Add	*29.04*	
		For Elevated Installation >30' To 35', Add	*33.19*	
		For Elevated Installation >35' To 40', Add	*41.49*	
		For Elevated Installation >40', Add	*45.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.89*	
26 05 33 13-2632	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	157.08	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Elevated Installation >10' To 15', Add	*9.24*	
		For Elevated Installation >15' To 20', Add	*18.49*	
		For Elevated Installation >20' To 25', Add	*23.11*	
		For Elevated Installation >25' To 30', Add	*32.35*	
		For Elevated Installation >30' To 35', Add	*36.97*	
		For Elevated Installation >35' To 40', Add	*46.22*	
		For Elevated Installation >40', Add	*50.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.73*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2633	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	209.47	43.27
		For Work In Restricted Working Space, Add	*32.46*	
		For Elevated Installation >10' To 15', Add	*10.82*	
		For Elevated Installation >15' To 20', Add	*21.64*	
		For Elevated Installation >20' To 25', Add	*27.05*	
		For Elevated Installation >25' To 30', Add	*37.87*	
		For Elevated Installation >30' To 35', Add	*43.28*	
		For Elevated Installation >35' To 40', Add	*54.10*	
		For Elevated Installation >40', Add	*59.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.46*	
26 05 33 13-2634	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	263.81	63.02
		For Work In Restricted Working Space, Add	*47.27*	
		For Elevated Installation >10' To 15', Add	*15.76*	
		For Elevated Installation >15' To 20', Add	*31.51*	
		For Elevated Installation >20' To 25', Add	*39.39*	
		For Elevated Installation >25' To 30', Add	*55.14*	
		For Elevated Installation >30' To 35', Add	*63.02*	
		For Elevated Installation >35' To 40', Add	*78.78*	
		For Elevated Installation >40', Add	*86.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.27*	
26 05 33 13-2635	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	381.40	81.93
		For Work In Restricted Working Space, Add	*61.45*	
		For Elevated Installation >10' To 15', Add	*20.48*	
		For Elevated Installation >15' To 20', Add	*40.96*	
		For Elevated Installation >20' To 25', Add	*51.21*	
		For Elevated Installation >25' To 30', Add	*71.69*	
		For Elevated Installation >30' To 35', Add	*81.93*	
		For Elevated Installation >35' To 40', Add	*102.41*	
		For Elevated Installation >40', Add	*112.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.45*	
26 05 33 13-2636	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	674.57	100.83
		For Work In Restricted Working Space, Add	*75.63*	
		For Elevated Installation >10' To 15', Add	*25.21*	
		For Elevated Installation >15' To 20', Add	*50.42*	
		For Elevated Installation >20' To 25', Add	*63.02*	
		For Elevated Installation >25' To 30', Add	*88.23*	
		For Elevated Installation >30' To 35', Add	*100.84*	
		For Elevated Installation >35' To 40', Add	*126.05*	
		For Elevated Installation >40', Add	*138.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.63*	
26 05 33 13-2637	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	779.58	121.43
		For Work In Restricted Working Space, Add	*91.38*	
		For Elevated Installation >10' To 15', Add	*30.46*	
		For Elevated Installation >15' To 20', Add	*60.92*	
		For Elevated Installation >20' To 25', Add	*76.15*	
		For Elevated Installation >25' To 30', Add	*106.61*	
		For Elevated Installation >30' To 35', Add	*121.84*	
		For Elevated Installation >35' To 40', Add	*152.31*	
		For Elevated Installation >40', Add	*167.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.38*	

26 05 33 13-2638 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2604)*

26 05 33 13-2639	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	62.51	20.17
		For Work In Restricted Working Space, Add	*15.12*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.60*	
		For Elevated Installation >25' To 30', Add	*17.64*	
		For Elevated Installation >30' To 35', Add	*20.16*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.12*	
26 05 33 13-2640	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	75.91	23.11
		For Work In Restricted Working Space, Add	*17.33*	
		For Elevated Installation >10' To 15', Add	*5.78*	
		For Elevated Installation >15' To 20', Add	*11.55*	
		For Elevated Installation >20' To 25', Add	*14.44*	
		For Elevated Installation >25' To 30', Add	*20.22*	
		For Elevated Installation >30' To 35', Add	*23.11*	
		For Elevated Installation >35' To 40', Add	*28.89*	
		For Elevated Installation >40', Add	*31.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.33*	
26 05 33 13-2641	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	88.89	26.47
		For Work In Restricted Working Space, Add	*19.85*	
		For Elevated Installation >10' To 15', Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*13.24*	
		For Elevated Installation >20' To 25', Add	*16.55*	
		For Elevated Installation >25' To 30', Add	*23.16*	
		For Elevated Installation >30' To 35', Add	*26.47*	
		For Elevated Installation >35' To 40', Add	*33.09*	
		For Elevated Installation >40', Add	*36.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2642	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	120.84	30.67
		For Work In Restricted Working Space, Add	*23.00*	
		For Elevated Installation >10' To 15', Add	*7.67*	
		For Elevated Installation >15' To 20', Add	*15.34*	
		For Elevated Installation >20' To 25', Add	*19.17*	
		For Elevated Installation >25' To 30', Add	*26.84*	
		For Elevated Installation >30' To 35', Add	*30.67*	
		For Elevated Installation >35' To 40', Add	*38.34*	
		For Elevated Installation >40', Add	*42.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.00*	
26 05 33 13-2643	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	141.56	33.62
		For Work In Restricted Working Space, Add	*25.21*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.81*	
		For Elevated Installation >20' To 25', Add	*21.01*	
		For Elevated Installation >25' To 30', Add	*29.41*	
		For Elevated Installation >30' To 35', Add	*33.61*	
		For Elevated Installation >35' To 40', Add	*42.02*	
		For Elevated Installation >40', Add	*46.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.21*	
26 05 33 13-2644	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	183.62	40.33
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2645	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	408.18	106.41
		For Work In Restricted Working Space, Add	*79.77*	
		For Elevated Installation >10' To 15', Add	*26.59*	
		For Elevated Installation >15' To 20', Add	*53.18*	
		For Elevated Installation >20' To 25', Add	*66.47*	
		For Elevated Installation >25' To 30', Add	*93.06*	
		For Elevated Installation >30' To 35', Add	*106.36*	
		For Elevated Installation >35' To 40', Add	*132.95*	
		For Elevated Installation >40', Add	*146.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.77*	
26 05 33 13-2646	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	392.43	75.62
		For Work In Restricted Working Space, Add	*56.72*	
		For Elevated Installation >10' To 15', Add	*18.91*	
		For Elevated Installation >15' To 20', Add	*37.82*	
		For Elevated Installation >20' To 25', Add	*47.27*	
		For Elevated Installation >25' To 30', Add	*66.18*	
		For Elevated Installation >30' To 35', Add	*75.63*	
		For Elevated Installation >35' To 40', Add	*94.54*	
		For Elevated Installation >40', Add	*103.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.72*	
26 05 33 13-2647	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	639.61	94.53
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2648	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	746.17	115.12
		For Work In Restricted Working Space, Add	*86.34*	
		For Elevated Installation >10' To 15', Add	*28.78*	
		For Elevated Installation >15' To 20', Add	*57.56*	
		For Elevated Installation >20' To 25', Add	*71.95*	
		For Elevated Installation >25' To 30', Add	*100.73*	
		For Elevated Installation >30' To 35', Add	*115.12*	
		For Elevated Installation >35' To 40', Add	*143.90*	
		For Elevated Installation >40', Add	*158.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.34*	

26 05 33 13-2649 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2604)*

26 05 33 13-2650	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	87.94	26.47
		For Work In Restricted Working Space, Add	*19.85*	
		For Elevated Installation >10' To 15', Add	*6.62*	
		For Elevated Installation >15' To 20', Add	*13.24*	
		For Elevated Installation >20' To 25', Add	*16.55*	
		For Elevated Installation >25' To 30', Add	*23.16*	
		For Elevated Installation >30' To 35', Add	*26.47*	
		For Elevated Installation >35' To 40', Add	*33.09*	
		For Elevated Installation >40', Add	*36.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2651	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	96.10	29.41
		For Work In Restricted Working Space, Add	*22.06*	
		For Elevated Installation >10' To 15', Add	*7.35*	
		For Elevated Installation >15' To 20', Add	*14.71*	
		For Elevated Installation >20' To 25', Add	*18.38*	
		For Elevated Installation >25' To 30', Add	*25.74*	
		For Elevated Installation >30' To 35', Add	*29.41*	
		For Elevated Installation >35' To 40', Add	*36.77*	
		For Elevated Installation >40', Add	*40.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.06*	
26 05 33 13-2652	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	111.85	32.35
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-2653	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	133.33	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Elevated Installation >10' To 15', Add	*9.24*	
		For Elevated Installation >15' To 20', Add	*18.49*	
		For Elevated Installation >20' To 25', Add	*23.11*	
		For Elevated Installation >25' To 30', Add	*32.35*	
		For Elevated Installation >30' To 35', Add	*36.97*	
		For Elevated Installation >35' To 40', Add	*46.22*	
		For Elevated Installation >40', Add	*50.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.73*	
26 05 33 13-2654	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	154.20	40.33
		For Work In Restricted Working Space, Add	*30.25*	
		For Elevated Installation >10' To 15', Add	*10.08*	
		For Elevated Installation >15' To 20', Add	*20.17*	
		For Elevated Installation >20' To 25', Add	*25.21*	
		For Elevated Installation >25' To 30', Add	*35.29*	
		For Elevated Installation >30' To 35', Add	*40.33*	
		For Elevated Installation >35' To 40', Add	*50.42*	
		For Elevated Installation >40', Add	*55.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.25*	
26 05 33 13-2655	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	216.87	49.58
		For Work In Restricted Working Space, Add	*37.19*	
		For Elevated Installation >10' To 15', Add	*12.40*	
		For Elevated Installation >15' To 20', Add	*24.79*	
		For Elevated Installation >20' To 25', Add	*30.99*	
		For Elevated Installation >25' To 30', Add	*43.38*	
		For Elevated Installation >30' To 35', Add	*49.58*	
		For Elevated Installation >35' To 40', Add	*61.98*	
		For Elevated Installation >40', Add	*68.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.19*	
26 05 33 13-2656	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	347.61	72.68
		For Work In Restricted Working Space, Add	*54.52*	
		For Elevated Installation >10' To 15', Add	*18.17*	
		For Elevated Installation >15' To 20', Add	*36.34*	
		For Elevated Installation >20' To 25', Add	*45.43*	
		For Elevated Installation >25' To 30', Add	*63.60*	
		For Elevated Installation >30' To 35', Add	*72.69*	
		For Elevated Installation >35' To 40', Add	*90.86*	
		For Elevated Installation >40', Add	*99.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.52*	
26 05 33 13-2657	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	512.02	94.53
		For Work In Restricted Working Space, Add	*70.90*	
		For Elevated Installation >10' To 15', Add	*23.63*	
		For Elevated Installation >15' To 20', Add	*47.27*	
		For Elevated Installation >20' To 25', Add	*59.09*	
		For Elevated Installation >25' To 30', Add	*82.72*	
		For Elevated Installation >30' To 35', Add	*94.54*	
		For Elevated Installation >35' To 40', Add	*118.17*	
		For Elevated Installation >40', Add	*129.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.90*	
26 05 33 13-2658	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	768.71	116.80
		For Work In Restricted Working Space, Add	*87.60*	
		For Elevated Installation >10' To 15', Add	*29.20*	
		For Elevated Installation >15' To 20', Add	*58.40*	
		For Elevated Installation >20' To 25', Add	*73.00*	
		For Elevated Installation >25' To 30', Add	*102.20*	
		For Elevated Installation >30' To 35', Add	*116.80*	
		For Elevated Installation >35' To 40', Add	*146.00*	
		For Elevated Installation >40', Add	*160.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2659	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	856.98	140.33
		For Work In Restricted Working Space, Add	*105.25*	
		For Elevated Installation >10' To 15', Add	*35.08*	
		For Elevated Installation >15' To 20', Add	*70.17*	
		For Elevated Installation >20' To 25', Add	*87.71*	
		For Elevated Installation >25' To 30', Add	*122.79*	
		For Elevated Installation >30' To 35', Add	*140.33*	
		For Elevated Installation >35' To 40', Add	*175.42*	
		For Elevated Installation >40', Add	*192.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.25*	

26 05 33 13-2660 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2547)*

Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-2661 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2660)*

26 05 33 13-2662	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	30.28	7.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2663	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	38.67	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2664	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	52.59	13.02
		For Work In Restricted Working Space, Add	*9.77*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.14*	
		For Elevated Installation >25' To 30', Add	*11.40*	
		For Elevated Installation >30' To 35', Add	*13.02*	
		For Elevated Installation >35' To 40', Add	*16.28*	
		For Elevated Installation >40', Add	*17.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	
26 05 33 13-2665	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	68.40	15.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 05 33 13-2666	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	90.53	18.48
		For Work In Restricted Working Space, Add	*13.87*	
		For Elevated Installation >10' To 15', Add	*4.62*	
		For Elevated Installation >15' To 20', Add	*9.24*	
		For Elevated Installation >20' To 25', Add	*11.56*	
		For Elevated Installation >25' To 30', Add	*16.18*	
		For Elevated Installation >30' To 35', Add	*18.49*	
		For Elevated Installation >35' To 40', Add	*23.11*	
		For Elevated Installation >40', Add	*25.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 05 33 13-2667	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	120.72	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-2668 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2660)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2669	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	30.57	7.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2670	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.76	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2671	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	48.80	13.02
		For Work In Restricted Working Space, Add	*9.77*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.14*	
		For Elevated Installation >25' To 30', Add	*11.40*	
		For Elevated Installation >30' To 35', Add	*13.02*	
		For Elevated Installation >35' To 40', Add	*16.28*	
		For Elevated Installation >40', Add	*17.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	
26 05 33 13-2672	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	68.08	15.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 05 33 13-2673	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	84.23	18.48
		For Work In Restricted Working Space, Add	*13.87*	
		For Elevated Installation >10' To 15', Add	*4.62*	
		For Elevated Installation >15' To 20', Add	*9.24*	
		For Elevated Installation >20' To 25', Add	*11.56*	
		For Elevated Installation >25' To 30', Add	*16.18*	
		For Elevated Installation >30' To 35', Add	*18.49*	
		For Elevated Installation >35' To 40', Add	*23.11*	
		For Elevated Installation >40', Add	*25.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 05 33 13-2674	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	120.18	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-2675 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2660)*

26 05 33 13-2676	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	39.26	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2677	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	51.29	13.02
		For Work In Restricted Working Space, Add	*9.77*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.14*	
		For Elevated Installation >25' To 30', Add	*11.40*	
		For Elevated Installation >30' To 35', Add	*13.02*	
		For Elevated Installation >35' To 40', Add	*16.28*	
		For Elevated Installation >40', Add	*17.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2678	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	61.80	15.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 05 33 13-2679	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	86.10	18.48
		For Work In Restricted Working Space, Add	*14.49*	
		For Elevated Installation >10' To 15', Add	*4.83*	
		For Elevated Installation >15' To 20', Add	*9.66*	
		For Elevated Installation >20' To 25', Add	*12.08*	
		For Elevated Installation >25' To 30', Add	*16.91*	
		For Elevated Installation >30' To 35', Add	*19.32*	
		For Elevated Installation >35' To 40', Add	*24.16*	
		For Elevated Installation >40', Add	*26.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.49*	
26 05 33 13-2680	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	110.89	21.00
		For Work In Restricted Working Space, Add	*17.02*	
		For Elevated Installation >10' To 15', Add	*5.67*	
		For Elevated Installation >15' To 20', Add	*11.34*	
		For Elevated Installation >20' To 25', Add	*14.18*	
		For Elevated Installation >25' To 30', Add	*19.85*	
		For Elevated Installation >30' To 35', Add	*22.69*	
		For Elevated Installation >35' To 40', Add	*28.36*	
		For Elevated Installation >40', Add	*31.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.02*	
26 05 33 13-2681	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	150.25	23.52
		For Work In Restricted Working Space, Add	*19.54*	
		For Elevated Installation >10' To 15', Add	*6.51*	
		For Elevated Installation >15' To 20', Add	*13.02*	
		For Elevated Installation >20' To 25', Add	*16.28*	
		For Elevated Installation >25' To 30', Add	*22.79*	
		For Elevated Installation >30' To 35', Add	*26.05*	
		For Elevated Installation >35' To 40', Add	*32.56*	
		For Elevated Installation >40', Add	*35.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.54*	

26 05 33 13-2682 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2660)*

26 05 33 13-2683	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.49	7.98
		For Work In Restricted Working Space, Add	*5.99*	
		For Elevated Installation >10' To 15', Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.99*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.98*	
		For Elevated Installation >40', Add	*10.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2684	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	42.17	10.50
		For Work In Restricted Working Space, Add	*7.88*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.25*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.19*	
		For Elevated Installation >30' To 35', Add	*10.50*	
		For Elevated Installation >35' To 40', Add	*13.13*	
		For Elevated Installation >40', Add	*14.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.88*	
26 05 33 13-2685	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	53.96	13.02
		For Work In Restricted Working Space, Add	*9.77*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.51*	
		For Elevated Installation >20' To 25', Add	*8.14*	
		For Elevated Installation >25' To 30', Add	*11.40*	
		For Elevated Installation >30' To 35', Add	*13.02*	
		For Elevated Installation >35' To 40', Add	*16.28*	
		For Elevated Installation >40', Add	*17.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	
26 05 33 13-2686	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	70.04	15.96
		For Work In Restricted Working Space, Add	*11.97*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.96*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2687	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	85.36	18.48
		For Work In Restricted Working Space, Add	*13.87*	
		For Elevated Installation >10' To 15', Add	*4.62*	
		For Elevated Installation >15' To 20', Add	*9.24*	
		For Elevated Installation >20' To 25', Add	*11.56*	
		For Elevated Installation >25' To 30', Add	*16.18*	
		For Elevated Installation >30' To 35', Add	*18.49*	
		For Elevated Installation >35' To 40', Add	*23.11*	
		For Elevated Installation >40', Add	*25.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.87*	
26 05 33 13-2688	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	130.69	21.00
		For Work In Restricted Working Space, Add	*15.76*	
		For Elevated Installation >10' To 15', Add	*5.25*	
		For Elevated Installation >15' To 20', Add	*10.50*	
		For Elevated Installation >20' To 25', Add	*13.13*	
		For Elevated Installation >25' To 30', Add	*18.38*	
		For Elevated Installation >30' To 35', Add	*21.01*	
		For Elevated Installation >35' To 40', Add	*26.26*	
		For Elevated Installation >40', Add	*28.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.76*	

26 05 33 13-2689 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2547)*

26 05 33 13-2690	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	161.76	23.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.27*	
26 05 33 13-2691	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	618.74	42.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.92*	
26 05 33 13-2692	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	1,188.72	86.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.76*	

26 05 33 13-2693 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2547)*

26 05 33 13-2694 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2693)*

26 05 33 13-2695	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	11.10	4.10
26 05 33 13-2696	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	13.62	4.78
26 05 33 13-2697	EA	1" Replacement Stamped Aluminum Conduit Body Cover	17.44	6.14
26 05 33 13-2698	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	21.23	7.51
26 05 33 13-2699	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	26.16	8.88
26 05 33 13-2700	EA	2" Replacement Stamped Aluminum Conduit Body Cover	31.07	10.24
26 05 33 13-2701	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	41.53	11.61
26 05 33 13-2702	EA	3" Replacement Stamped Aluminum Conduit Body Cover	53.33	16.39
26 05 33 13-2703	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	57.87	18.43
26 05 33 13-2704	EA	4" Replacement Stamped Aluminum Conduit Body Cover	72.91	23.21

26 05 33 13-2705 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2693)*

26 05 33 13-2706	EA	1/2" Replacement Cast Steel Conduit Body Cover	13.07	4.10
26 05 33 13-2707	EA	3/4" Replacement Cast Steel Conduit Body Cover	15.34	4.78
26 05 33 13-2708	EA	1" Replacement Cast Steel Conduit Body Cover	21.70	6.14
26 05 33 13-2709	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	26.99	7.51
26 05 33 13-2710	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	32.87	8.88
26 05 33 13-2711	EA	2" Replacement Cast Steel Conduit Body Cover	38.75	10.24
26 05 33 13-2712	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	44.57	11.61
26 05 33 13-2713	EA	3" Replacement Cast Steel Conduit Body Cover	60.53	16.39
26 05 33 13-2714	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	69.20	18.43
26 05 33 13-2715	EA	4" Replacement Cast Steel Conduit Body Cover	87.25	23.21

26 05 33 13-2716 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2693)*

26 05 33 13-2717	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	10.21	4.10
26 05 33 13-2718	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	11.64	4.78
26 05 33 13-2719	EA	1" Replacement Velbuna Composition Conduit Body Gasket	15.23	6.14
26 05 33 13-2720	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	19.89	7.51
26 05 33 13-2721	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	22.62	8.88
26 05 33 13-2722	EA	2" Replacement Velbuna Composition Conduit Body Gasket	26.98	10.24
26 05 33 13-2723	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	35.94	11.61
26 05 33 13-2724	EA	3" Replacement Velbuna Composition Conduit Body Gasket	46.35	16.39
26 05 33 13-2725	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	51.26	18.43
26 05 33 13-2726	EA	4" Replacement Velbuna Composition Conduit Body Gasket	60.71	23.21

26 05 33 13-2727 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2693)*

26 05 33 13-2728	EA	1/2" Replacement Neoprene Conduit Body Gasket	11.58	4.10
26 05 33 13-2729	EA	3/4" Replacement Neoprene Conduit Body Gasket	12.95	4.78
26 05 33 13-2730	EA	1" Replacement Neoprene Conduit Body Gasket	16.96	6.14
26 05 33 13-2731	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	20.77	7.51
26 05 33 13-2732	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	23.50	8.88
26 05 33 13-2733	EA	2" Replacement Neoprene Conduit Body Gasket	27.07	10.24
26 05 33 13-2734	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	36.15	11.61
26 05 33 13-2735	EA	3" Replacement Neoprene Conduit Body Gasket	46.56	16.39
26 05 33 13-2736	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	52.72	18.43
26 05 33 13-2737	EA	4" Replacement Neoprene Conduit Body Gasket	62.17	23.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2738		Cutting Knockouts In-Place Metal Boxes Or Enclosures *(26 05 33 13-0058)*		
		Note: For use when connecting conduit to an existing in-place system.		
26 05 33 13-2739	EA	1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	17.41	
		For Work In Restricted Working Space, Add	*5.22*	
26 05 33 13-2740	EA	3/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	19.59	
		For Work In Restricted Working Space, Add	*5.88*	
26 05 33 13-2741	EA	1", Cutting Knockouts In-Place Metal Boxes Or Enclosures	23.05	
		For Work In Restricted Working Space, Add	*6.92*	
26 05 33 13-2742	EA	1-1/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	25.59	
		For Work In Restricted Working Space, Add	*7.68*	
26 05 33 13-2743	EA	1-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	28.81	
		For Work In Restricted Working Space, Add	*8.64*	
26 05 33 13-2744	EA	2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	34.12	
		For Work In Restricted Working Space, Add	*10.24*	
26 05 33 13-2745	EA	2-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	40.33	
		For Work In Restricted Working Space, Add	*12.10*	
26 05 33 13-2746	EA	3", Cutting Knockouts In-Place Metal Boxes Or Enclosures	46.10	
		For Work In Restricted Working Space, Add	*13.83*	
26 05 33 13-2747	EA	3-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	51.86	
		For Work In Restricted Working Space, Add	*15.56*	
26 05 33 13-2748	EA	4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	57.63	
		For Work In Restricted Working Space, Add	*17.29*	
26 05 33 13-2749		Buried Pipe Or Conduit Wrap *(26 05 33 13)*		
26 05 33 13-2750		All-Weather Corrosion Protection Tape For Pipe Or Conduit *(26 05 33 13-2749)*		
		Note: Priced by the linear feet of pipe or conduit the tape is installed on.		
26 05 33 13-2751	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	2.66	
26 05 33 13-2752	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.08	
26 05 33 13-2753	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.56	
26 05 33 13-2754	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	4.10	
26 05 33 13-2755	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	4.68	
26 05 33 13-2756	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	5.62	
26 05 33 13-2757	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	6.23	
26 05 33 13-2758	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	6.85	
26 05 33 13-2759	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	8.54	
26 05 33 13-2760	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	9.88	
26 05 33 13-2761	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	11.24	
26 05 33 13-2762	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	2.68	
26 05 33 13-2763	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.20	
26 05 33 13-2764	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.73	
26 05 33 13-2765	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	4.31	
26 05 33 13-2766	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	4.95	
26 05 33 13-2767	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	6.00	
26 05 33 13-2768	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	6.83	
26 05 33 13-2769	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	7.71	
26 05 33 13-2770	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	9.71	
26 05 33 13-2771	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	11.35	
26 05 33 13-2772	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	12.99	
26 05 33 16		**Boxes for Electrical Systems** ***(26 05 33)***		
		See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.		
26 05 33 16-0001		Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*		
		Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0135 for steel box/switch assemblies.		
26 05 33 16-0002		4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*		
26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	36.88	17.24
		For Stud Bracket, Add	*0.59*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	37.96	17.24
		For Stud Bracket, Add	*1.05*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	41.68	17.24
		For Stud Bracket, Add	*1.15*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	28.29	11.50
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	24.53	11.50
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	12.64	5.75
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	12.81	5.75
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	12.93	5.75
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	13.34	5.75
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	13.46	5.75
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	14.74	5.75
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	13.12	5.75
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	13.25	5.75
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	13.40	5.75
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	14.72	5.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	14.99	5.75
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	16.66	5.75
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	13.77	5.75
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	14.83	5.75
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	13.11	5.75
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	13.20	5.75
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	13.08	5.75
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	13.36	5.75
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	13.60	5.75
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.55	5.75
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	13.56	5.75
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	16.55	5.75
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	13.56	5.75
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	14.25	5.75
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.55	5.75
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.55	5.75
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	12.26	5.75

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	40.88	17.24
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	38.43	17.24
		For Stud Bracket, Add	*0.55*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	50.74	17.24
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	29.32	11.50
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	29.92	11.50
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	15.09	5.75
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	15.12	5.75
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.16	5.75
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	15.74	5.75
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	15.65	5.75
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	20.00	5.75
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	15.92	5.75
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	16.14	5.75
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	16.16	5.75
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.70	5.75
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	18.02	5.75
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	21.74	5.75
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	15.72	5.75
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	15.83	5.75
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	18.71	5.75
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	19.52	5.75
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	18.47	5.75
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	17.59	5.75
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.54	5.75
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.51	5.75
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.51	5.75
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.51	5.75
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	12.92	5.75

26 05 33 16-0064 Steel Square Box Brackets *(26 05 33 16-0001)*

26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	18.38	8.64
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	13.23	5.76
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	20.99	8.64
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	22.33	8.64

26 05 33 16-0069 4" Octagon Steel Boxes And Covers *(26 05 33 16-0001)*

26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	30.69	14.37
		For Stud Bracket, Add	*1.42*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	31.64	14.37
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	12.20	5.75

26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers *(26 05 33 16-0001)*

Note: Placed in concrete slabs or walls.

26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	50.27	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	53.27	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	55.75	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	58.17	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	63.09	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	68.16	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	72.20	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	13.51	5.75

26 05 33 16-0082 4-1/2" Steel Gang Boxes *(26 05 33 16-0001)*

26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	44.12	14.37
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	48.37	15.51
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	57.69	17.24
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	74.10	18.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	107.42	20.69
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	58.75	14.37
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	63.97	15.51
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	84.02	17.24
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	106.85	18.97
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	172.17	20.69
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	19.11	5.75
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	19.36	5.75
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	22.18	5.75
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	27.03	5.75
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	37.66	5.75
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	16.69	5.75
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	19.33	5.75
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	22.84	5.75
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	27.30	5.75
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	38.42	5.75
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	32.52	14.37
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	32.93	14.37
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	35.04	14.37
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	39.79	14.37
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	40.20	14.37
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	46.63	14.37
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	30.59	14.37
		For Stud Bracket, Add	*2.29*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	31.03	14.37
		For Stud Bracket, Add	*0.99*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	32.00	14.37
		For Stud Bracket, Add	*1.34*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	19.90	8.62
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	19.46	8.62
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	6.71	2.87
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.79	2.87
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.38	2.87
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	6.41	2.87
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.24	2.87
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	6.41	2.87
26 05 33 16-0122		**3-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	45.38	20.12
26 05 33 16-0124	EA	2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	50.29	21.26
26 05 33 16-0125	EA	3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	57.12	22.99
26 05 33 16-0126	EA	4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	64.73	25.29
26 05 33 16-0127		**Cast Boxes** *(26 05 33 16)*		
		Note: For flush or surface mount.		
26 05 33 16-0128		**Cast Iron Alloy Boxes** *(26 05 33 16-0127)*		
		See CSI section 26 27 26 00-0288 for box covers.		
26 05 33 16-0129		**Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*		
		Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	105.06	34.49
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	111.84	40.23
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	131.05	48.85
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	130.05	45.98
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	168.06	54.60
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	129.43	45.98
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	155.95	54.60
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	133.33	45.98
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	156.00	54.60
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	129.43	45.98
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	151.19	54.60
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	153.06	57.48
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	180.73	68.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	160.53	57.48
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	209.23	68.97
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	165.41	57.48
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	197.51	68.97
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	152.42	57.48
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	200.81	68.97
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	196.16	68.97
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	236.60	83.34
26 05 33 16-0151		Deep, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	110.56	34.49
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	127.11	40.23
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	148.67	48.85
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	140.11	45.98
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	161.12	54.60
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	193.47	66.10
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	174.84	54.60
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	225.48	68.97
26 05 33 16-0160		Shallow, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	128.12	37.36
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	141.23	43.11
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	163.38	51.73
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	153.75	48.85
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	173.81	57.48
26 05 33 16-0166		Deep, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	144.64	37.36
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	156.77	43.11
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	178.62	48.85
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	200.08	57.48
26 05 33 16-0171		Cast Aluminum Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0288 for box covers.		
26 05 33 16-0172		Shallow, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	93.57	28.74
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	106.50	34.49
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	116.38	43.11
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	87.16	28.74
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	111.02	34.49
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.18	40.23
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	140.56	48.85
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	176.78	60.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	128.33	40.23
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	135.13	48.85
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	121.99	40.23
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	138.92	48.85
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.89	40.23
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	138.92	48.85
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	108.43	40.23
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	148.98	48.85
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	137.95	51.73
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	167.46	63.22
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	147.75	51.73
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	201.42	63.22
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	146.93	51.73
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	180.38	63.22
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	183.29	63.22
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	179.10	63.22
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	218.44	77.59
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	104.94	28.74
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	125.68	34.49
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	142.76	43.11
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	136.07	34.49
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	131.88	40.23
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	158.61	48.85
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	175.08	60.35
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	161.02	48.85
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	195.53	63.22
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	126.60	31.61
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	144.51	37.36
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	152.79	45.98
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	156.77	43.11
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	156.73	51.73
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	193.87	63.22
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	126.47	31.61
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	146.06	37.36
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	160.32	43.11
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	180.50	51.73
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	160.32	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	180.50	51.73
26 05 33 16-0222		**Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	167.97	45.98
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	187.23	54.60
26 05 33 16-0225		**Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	196.48	40.23
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	217.37	48.85
26 05 33 16-0228		**Cast Aluminum Explosion Proof Outlet Bodies** *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	201.52	45.98
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	251.99	51.73
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	226.23	57.48
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	223.01	51.73
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	274.25	57.48
26 05 33 16-0234		**Non-Metallic (PVC) Boxes** *(26 05 33 16)* See CSI section 26 27 26 00-0288 for box covers.		
26 05 33 16-0235		**Shallow, Single Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	60.78	24.14
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	69.22	28.17
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	78.01	34.20
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	77.27	32.18
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	90.62	38.22
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	109.93	46.27
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	77.60	32.18
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	89.74	38.22
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	106.92	46.27
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	98.16	40.23
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	110.75	48.28
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	129.83	58.34
26 05 33 16-0248		**Deep, Single Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non-Metallic (PVC) Box Note: No hubs.	61.75	24.14
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	60.05	24.14
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	71.54	28.17
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	78.95	34.20
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	79.18	32.18
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	88.11	38.22
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	105.05	46.27
26 05 33 16-0256		**Shallow, Two Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	65.31	26.15
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	74.72	30.18
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	82.20	36.21
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	79.17	34.20

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26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	98.80	40.23
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	116.60	48.28
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	81.43	34.20
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	105.07	40.23
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	111.57	48.28
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	99.37	42.25
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	133.07	50.30
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	133.70	60.35
26 05 33 16-0269		Poke Thru Units *(26 05 33 16)*		
26 05 33 16-0270		Surface Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	522.29	43.11
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	333.55	
26 05 33 16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	45.83	11.50
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	55.90	5.75
26 05 33 16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	590.89	45.98
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	312.20	
26 05 33 16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	78.72	17.24
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	55.90	5.75
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	163.22	11.50
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	467.33	40.23
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	38.74	5.75
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	465.16	40.23
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	54.02	5.75
26 05 33 16-0284		Recessed Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		Evolution 6AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	834.81	45.98
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	834.91	45.98
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	795.63	45.98
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	795.63	45.98
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	834.81	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	834.81	45.98
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	762.46	45.98
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	477.76	43.11
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	512.42	43.11
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	515.85	43.11
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	146.02	22.99
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	336.60	11.50
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	336.60	11.50
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	279.77	11.50
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	40.45	2.87
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	19.74	5.75
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.82	5.75
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	19.65	5.75
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	19.71	5.75
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	19.58	5.75
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	23.15	5.75
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.90	5.75
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	23.46	5.75
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.28	5.75
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.30	5.75
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	19.03	5.75
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	19.03	5.75
26 05 33 16-0313	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	45.94	8.62
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	17.41	5.75
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	17.85	5.75
26 05 33 16-0316	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	144.85	10.35

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26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	22.62	5.75
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	23.57	5.75
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	24.25	5.75
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	37.19	11.50
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	42.58	14.37
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	46.99	14.37
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	35.70	11.50
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	23.41	5.75
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	23.41	5.75
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	24.68	5.75
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	25.53	5.75
26 05 33 16-0328		Evolution 8AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,095.46	45.98
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,042.58	45.98
26 05 33 16-0331	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,107.43	45.98
26 05 33 16-0332	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,032.63	45.98
26 05 33 16-0333	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,023.20	45.98
26 05 33 16-0334	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	617.67	43.11
26 05 33 16-0335	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	692.17	43.11
26 05 33 16-0336	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	175.09	22.99
26 05 33 16-0337	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	364.03	11.50
26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	364.03	11.50
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	63.07	2.87
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	20.40	5.75
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.52	5.75
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.65	5.75

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.96	5.75
26 05 33 16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	29.04	5.75
26 05 33 16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	29.00	5.75
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	19.78	5.75
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	20.04	5.75
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.78	5.75
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.78	5.75
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	28.59	5.75
26 05 33 16-0351	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	23.81	5.75
26 05 33 16-0352	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	27.47	5.75
26 05 33 16-0353	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	37.19	11.50

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	27.35	5.25
		For Combination Hinged Screw Cover, Add	*0.84*	
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	21.86	7.88
		For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	25.75	9.82
		For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	54.68	18.38
		For Combination Hinged Screw Cover, Add	*0.90*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	90.35	18.38
		For Combination Hinged Screw Cover, Add	*2.68*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	134.05	26.15
		For Combination Hinged Screw Cover, Add	*4.09*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	150.57	28.89
		For Combination Hinged Screw Cover, Add	*4.64*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	33.46	6.62
		For Combination Hinged Screw Cover, Add	*1.02*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	61.13	6.62
		For Combination Hinged Screw Cover, Add	*2.40*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	17.93	5.77
		For Combination Hinged Screw Cover, Add	*0.32*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	28.43	11.02
		For Combination Hinged Screw Cover, Add	*0.32*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	64.41	22.48
		For Combination Hinged Screw Cover, Add	*0.97*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	103.63	22.48
		For Combination Hinged Screw Cover, Add	*2.93*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	147.28	29.20
		For Combination Hinged Screw Cover, Add	*4.44*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	170.07	34.14
		For Combination Hinged Screw Cover, Add	*5.09*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	50.41	7.88
		For Combination Hinged Screw Cover, Add	*1.73*	
		For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	98.93	7.88
		For Combination Hinged Screw Cover, Add	*4.16*	
		For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	22.86	6.31
		For Combination Hinged Screw Cover, Add	*0.51*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	36.52	13.13
		For Combination Hinged Screw Cover, Add	*0.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	92.06	26.15
		For Combination Hinged Screw Cover, Add	*1.99*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	133.47	26.15
		For Combination Hinged Screw Cover, Add	*4.06*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	211.30	32.67
		For Combination Hinged Screw Cover, Add	*7.30*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	228.56	37.81
		For Combination Hinged Screw Cover, Add	*7.65*	
26 05 33 23-0029		8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	82.09	8.61
		For Combination Hinged Screw Cover, Add	*3.25*	
		For Concrete Or Masonry Surface, Add	*0.86*	
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	151.20	8.61
		For Combination Hinged Screw Cover, Add	*6.70*	
		For Concrete Or Masonry Surface, Add	*0.86*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	25.19	6.83
		For Combination Hinged Screw Cover, Add	*0.58*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	39.90	14.18
		For Combination Hinged Screw Cover, Add	*0.58*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	102.80	28.78
		For Combination Hinged Screw Cover, Add	*2.26*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	170.06	28.78
		For Combination Hinged Screw Cover, Add	*5.62*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	254.80	35.50
		For Combination Hinged Screw Cover, Add	*9.19*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	356.91	43.06
		For Combination Hinged Screw Cover, Add	*13.54*	
26 05 33 23-0038		10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	119.64	9.98
		For Combination Hinged Screw Cover, Add	*4.98*	
		For Concrete Or Masonry Surface, Add	*1.00*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	213.15	9.98
		For Combination Hinged Screw Cover, Add	*9.66*	
		For Concrete Or Masonry Surface, Add	*1.00*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	35.56	7.88
		For Combination Hinged Screw Cover, Add	*0.99*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	51.33	15.75
		For Combination Hinged Screw Cover, Add	*0.99*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	138.41	31.31
		For Combination Hinged Screw Cover, Add	*3.79*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	271.85	31.31
		For Combination Hinged Screw Cover, Add	*10.46*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	412.59	39.50
		For Combination Hinged Screw Cover, Add	*16.68*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	590.71	44.64
		For Combination Hinged Screw Cover, Add	*25.07*	
26 05 33 23-0047		12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	140.44	12.08
		For Combination Hinged Screw Cover, Add	*5.81*	
		For Concrete Or Masonry Surface, Add	*1.21*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	234.41	12.08
		For Combination Hinged Screw Cover, Add	*10.51*	
		For Concrete Or Masonry Surface, Add	*1.21*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	47.10	8.40
		For Combination Hinged Screw Cover, Add	*1.51*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	63.91	16.81
		For Combination Hinged Screw Cover, Add	*1.51*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	182.80	34.14
		For Combination Hinged Screw Cover, Add	*5.73*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	359.52	34.14
		For Combination Hinged Screw Cover, Add	*14.56*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	464.01	42.02
		For Combination Hinged Screw Cover, Add	*19.00*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	759.84	47.27
		For Combination Hinged Screw Cover, Add	*33.27*	
26 05 33 23-0056		Surface Metal Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0057		One Piece Surface Metal Raceways *(26 05 33 23-0056)* Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058		3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)* Note: Available in ivory.		
26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	4.80	1.58
		For Concrete Or Masonry Surface, Add	*0.16*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	4.60	2.10
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	4.64	2.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	4.83	2.10
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	7.48	2.52
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	12.74	2.63
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	9.32	3.15
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	9.10	3.15
26 05 33 23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*		
		Note: Available in ivory and white.		
26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	6.06	2.10
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0069	EA	Bushing (Wiremold #702)	4.73	2.10
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	4.89	2.10
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	4.93	2.10
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	10.94	4.20
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	17.69	4.20
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	11.86	4.20
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	11.44	4.20
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	34.55	3.15
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	4.86	2.10
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	4.86	2.10
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	14.71	3.15
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	12.33	3.15
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	13.87	4.20
26 05 33 23-0083	EA	Tee (Wiremold #5715)	15.49	5.25
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	27.94	4.20
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	21.31	4.20
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	11.38	2.63
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	26.58	4.20
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	26.47	4.20
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	12.09	2.63
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	23.97	4.20
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	23.10	4.20
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	23.31	4.20
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	23.31	4.20
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	26.47	4.20
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	26.14	4.20
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	27.95	4.20
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	31.08	6.83
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	48.69	13.13
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	23.11	6.83
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	37.47	6.83
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	43.17	6.83
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	66.35	6.83
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	34.05	5.77
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	38.16	5.77
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	61.98	5.77
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	24.20	6.83
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	21.09	6.83
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	30.30	6.83
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	60.42	6.83
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	22.65	6.83
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	32.16	6.83
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	58.68	6.83
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	87.86	6.83
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	145.88	6.83
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	148.47	6.83
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	22.35	6.83
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	21.69	6.83
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	29.37	6.83
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	59.27	6.83
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	23.57	6.83
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	30.98	6.83
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	45.32	6.83
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	15.69	2.63
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	14.92	2.63
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	9.72	2.63
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	18.76	3.15
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	9.81	2.63
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	23.69	3.15
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	21.14	3.15
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	11.44	3.15
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	19.58	3.15
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	9.97	2.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	8.88	2.10
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	8.84	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	5.38	2.10
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	6.35	2.63
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	7.14	3.15
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511)	28.17	9.98
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517)	29.18	9.98
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B)	31.55	9.98
26 05 33 23-0142	EA	External Elbow (Wiremold #1518)	31.35	9.98
26 05 33 23-0143	EA	Utility Box (Wiremold #1528)	28.83	6.83
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D)	29.78	6.83
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL)	58.43	13.13
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A)	30.71	6.83
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B)	37.93	6.83
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T)	37.18	6.83
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585)	18.02	3.15
26 05 33 23-0150		2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	15.04	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC)	5.54	2.10
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602)	6.29	2.10
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	24.02	3.67
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D)	36.06	5.25
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO)	34.91	6.31
26 05 33 23-0157		Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158		1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.23	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC)	3.92	2.10
26 05 33 23-0161	EA	Coupling (Wiremold #2001)	10.42	2.63
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003)	5.10	1.58
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006)	4.72	1.58
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009)	12.36	2.63
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2)	24.26	7.88
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3)	41.68	10.50
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B)	6.40	2.63
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011)	20.85	6.83
26 05 33 23-0169	EA	Tee (Wiremold #2015)	38.44	9.87
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC)	13.30	5.25
26 05 33 23-0171	EA	Single Gang Device Box (Wiremold #2048)	31.65	9.35
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2)	50.22	10.40
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H)	34.26	10.40
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089)	28.50	5.25
26 05 33 23-0175	EA	#2089E End Reducing Connector	11.73	2.63
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.04	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	7.76	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C)	2.88	0.52
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC)	3.93	2.10
26 05 33 23-0181	EA	Coupling (Wiremold #2401)	10.35	2.63
26 05 33 23-0182	EA	Divided Raceway Coupling (Wiremold #2401D)	8.68	2.63
26 05 33 23-0183	EA	Cover Clip (Wiremold #2406)	4.79	1.58
26 05 33 23-0184	EA	Device Bracket Frame (Wiremold #2407-2CM)	36.15	7.88
26 05 33 23-0185	EA	Device Bracket Frame (Wiremold #2407-2TJ)	34.58	7.88
26 05 33 23-0186	EA	Ground Clamp (Wiremold #2409)	9.52	2.10
26 05 33 23-0187	EA	End Fitting (Wiremold #2410A)	23.38	7.88
26 05 33 23-0188	EA	Blank End (Wiremold #2410B)	6.48	2.63
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	6.57	2.63
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	36.00	7.88
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	34.49	7.88
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	57.10	7.88
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	43.54	7.88
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	26.32	7.88
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	42.70	7.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	38.16	7.77
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M)	25.05	7.88
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO)	45.89	7.77
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	43.59	7.77
26 05 33 23-0200	EA	Tee (Wiremold #2415M)	29.87	7.77
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D)	24.77	7.77
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	39.43	7.77
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	38.23	7.77
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	23.97	7.77
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	42.94	7.77
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	42.23	7.77
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	29.35	7.77
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	39.08	6.83
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	43.49	6.83
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	43.71	6.83
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	41.85	6.83
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	59.43	6.83
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	52.21	6.83
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	27.11	6.83
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	42.51	6.83
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	13.00	2.63
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	30.59	7.88
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	93.10	7.88
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	26.84	4.20

26 05 33 23-0220 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	14.06	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.45	0.52
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.41	2.10
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	13.88	2.10
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	14.10	2.63
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	10.29	2.63
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	5.80	2.10
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	15.22	4.20
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	15.33	3.15
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	35.23	9.98
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	12.79	4.20
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	39.20	9.98
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	59.25	13.02
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	41.62	13.13
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	81.74	16.29
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	38.26	9.98
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	47.61	9.98
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE)	33.49	9.98
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	57.95	9.98
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE)	18.81	2.63
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	20.62	2.63
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	18.76	2.63
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	21.94	3.15
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	55.97	13.65
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	65.47	9.98
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	18.81	3.15
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	21.69	2.63
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	87.01	6.31
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	215.67	6.31
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	75.47	6.31
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	81.86	6.31
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	81.86	6.31
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	25.62	3.15

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	17.29	4.73
		For Concrete Or Masonry Surface, Add	*0.51*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	6.21	0.52
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	2.98	0.52
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	6.68	2.63
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	17.29	3.15
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	7.99	3.15
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	8.14	3.15
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	35.25	6.83
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	18.51	4.20
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	71.05	16.17
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	66.41	13.13
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	78.86	13.13
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	71.95	16.29
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	96.86	16.29
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	107.79	16.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	112.18	16.29
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	134.52	16.29
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	134.95	16.29
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	57.94	16.29
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	105.86	16.29
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	64.53	16.29
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	54.45	16.29
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	87.88	16.29
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	102.44	16.29
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	87.89	6.83
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	93.27	6.83
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	93.27	6.83
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	125.12	6.83
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	25.27	6.83
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	80.55	3.15
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	95.50	6.83
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	25.36	6.83
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	29.75	6.83
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	28.89	5.25
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	136.64	16.29
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	122.83	16.29
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	122.83	16.29
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	95.56	30.98
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	59.31	16.29

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	25.59	5.77
		For Concrete Or Masonry Surface, Add	*0.58*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	7.43	1.58
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	7.88	1.58
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	7.80	2.63
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	21.12	5.25
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	9.83	2.63
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	27.32	6.83
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	25.86	6.83
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	27.19	6.83
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	29.89	6.83
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	43.44	9.98
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	45.88	15.75
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	88.80	15.75
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	90.47	15.12
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	130.13	16.29
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	91.68	17.85
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	162.31	17.85
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	156.93	15.75
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	170.04	15.75
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	97.79	36.56

26 05 33 23-0315 Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	11.00	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	5.61	0.52
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.29	2.10
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	11.48	2.63
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	5.74	1.58
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	7.34	1.58
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	10.46	2.63
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	29.14	7.88
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	9.41	2.63
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	34.13	6.83
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	46.18	9.87
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	31.04	5.25
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	30.97	5.25
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	50.35	10.40
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	118.98	9.35
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	52.09	9.35
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	109.28	10.40
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	53.99	9.35
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	96.41	10.40
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	40.37	10.40

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)

(26 05 33 23-0315)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	12.20	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	5.67	0.52
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	7.21	2.10
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	13.31	2.63
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	9.44	1.58
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	8.28	2.10
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	10.33	2.63
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	21.91	7.88
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	40.63	7.88
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	44.40	7.77
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	52.30	7.77
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	40.50	7.77
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	43.67	7.77
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	36.17	7.88

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*

26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	22.34	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	6.90	0.52
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	5.66	4.73
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	10.85	2.10
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	19.06	2.10
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	16.34	2.63
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	10.87	2.10
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	22.65	4.20
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	35.66	9.98
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311) Note: Includes two (2) AL3301 couplings.	114.79	13.02
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315) Note: Includes three (3) AL3301 couplings.	131.18	16.29
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316) Note: Includes four (4) AL3301 couplings.	149.14	16.29
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317) Note: Includes two (2) AL3301 couplings.	108.38	9.98
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318) Note: Includes two (2) AL3301 couplings.	108.50	9.98
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	23.71	3.15
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	23.55	3.15
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	23.29	3.15
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	23.49	2.63

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	27.03	4.73
		For Concrete Or Masonry Surface, Add	*0.51*	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	11.39	0.52
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	6.64	0.52
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	8.97	2.63
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	7.47	2.63
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	7.41	2.63
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	17.14	3.15
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	15.44	3.15
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	19.03	3.15
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	20.27	4.20
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	21.83	4.20
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	22.18	4.20
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	21.47	4.20
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211) Note: Includes two (2) pairs of AL5201 couplings.	114.33	13.13
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	88.45	16.29
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215) Note: Includes three (3) pairs of AL5201 couplings.	133.55	16.29
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216) Note: Includes four (4) pairs of AL5201 couplings.	146.89	16.29
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217) Note: Includes two (2) pairs of AL5201 couplings.	118.02	16.29
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	47.76	16.29
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	121.42	16.29
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218) Note: Includes two (2) pairs of AL5201 couplings.	119.08	16.29
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	25.62	3.15
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	30.50	3.15
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	36.34	3.15
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	34.04	3.15
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	31.37	3.15
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	28.82	6.83

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) *(26 05 33 23-0315)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	23.93	4.73
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	11.26	3.15
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	20.08	4.20
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	21.66	4.20
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811) Note: Includes two (2) ALA01 couplings.	113.14	13.13
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815) Note: Includes three (3) ALA01 couplings.	116.02	16.29
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817) Note: Includes two (2) ALA01 couplings.	113.03	16.29
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N) Note: Includes two (2) ALA01 couplings.	133.78	16.29
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818) Note: Includes two (2) ALA01 couplings.	114.57	16.29
26 05 33 23-0409		6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800) *(26 05 33 23-0315)*		
26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	40.35	4.73
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	17.03	3.15
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	22.26	4.20
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	25.00	4.20
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811) Note: Includes four (4) ALA01 couplings.	151.51	13.13
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815) Note: Includes six (6) ALA01 couplings.	208.12	16.29
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817) Note: Includes four (4) ALA01 couplings.	138.12	16.29
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N) Note: Includes four (4) ALA01 couplings.	163.92	16.29
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818) Note: Includes four (4) ALA01 couplings.	145.38	16.29
26 05 33 23-0419		Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)* See CSI section 26 27 26 00-0010 for receptacles.		
26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5) Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	8.72	0.52
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	7.58	2.63
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	18.64	3.15
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	15.60	3.15
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	42.31	13.13
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	50.19	16.29
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	47.76	13.13
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	20.98	3.15
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	22.47	3.15
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	23.45	3.15
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	22.53	3.15
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	22.67	3.15
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	23.47	3.15
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	24.12	3.15
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	31.34	3.15
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	29.37	3.15
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	34.08	3.15
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	21.50	3.15
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	32.87	3.15
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	29.95	3.15
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	24.06	3.15
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	30.24	3.15
26 05 33 23-0442		Surface Non-Metallic Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0443		One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444		7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)*		
26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC) *For Concrete Or Masonry Surface, Add*	6.11 *0.21*	2.10
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC)	4.60	2.10
26 05 33 23-0447	EA	Cover Clip (Wiremold #406)	4.86	2.10
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B)	9.34	4.20
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411)	10.93	4.20
26 05 33 23-0450	EA	Tee (Wiremold #415)	13.76	5.25
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417)	10.73	4.20
26 05 33 23-0452	EA	External Elbow (Wiremold #418)	10.73	4.20
26 05 33 23-0453		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)*		
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC) *For Concrete Or Masonry Surface, Add*	7.10 *0.21*	2.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC)	4.68	2.10
26 05 33 23-0456	EA	Cover Clip (Wiremold #806)	4.79	2.10
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2)	14.85	4.20
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B)	9.44	4.20
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811)	11.01	4.20
26 05 33 23-0460	EA	Tee (Wiremold #815)	13.83	5.25
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817)	10.78	4.20
26 05 33 23-0462	EA	External Elbow (Wiremold #818)	10.78	4.20
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A)	12.25	4.20

26 05 33 23-0464 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) *(26 05 33 23-0443)*

26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	8.25	2.10
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	8.80	2.10
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC)	4.93	2.10
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306)	5.21	2.10
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	16.21	4.20
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B)	9.99	4.20
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	18.34	4.20
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311)	11.24	4.20
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	12.14	4.20
26 05 33 23-0474	EA	Tee (Wiremold #2315)	13.97	5.25
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317)	11.24	4.20
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	12.15	4.20
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	11.26	4.20
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	12.31	4.20
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389)	12.33	4.20
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A)	12.91	4.20

26 05 33 23-0481 One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) *(26 05 33 23-0443)*

26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336)	13.91	3.67
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	23.17	4.20
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	23.30	4.20
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	20.95	4.20
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	24.40	4.20
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	22.90	4.20
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	24.94	4.20
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	20.40	6.83
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	23.44	6.83
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	21.29	6.83
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	25.88	6.83
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	31.20	6.83
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	29.51	6.83
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	26.60	6.83
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	19.94	6.83

26 05 33 23-0497 3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) *(26 05 33 23-0443)*

26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	5.70	2.10
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC)	2.42	1.05
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706)	3.69	1.05
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	5.78	2.10
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	6.87	2.63
26 05 33 23-0503	EA	Tee (Wiremold #2715)	11.09	4.73
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	7.93	3.15
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	7.91	3.15
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	9.34	3.67

26 05 33 23-0507 1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) *(26 05 33 23-0443)*

26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	7.42	2.63
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	3.62	1.58
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	4.91	1.58
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	7.01	2.63
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	9.19	3.67
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	9.82	3.67
26 05 33 23-0514	EA	Tee (Wiremold #2815)	13.40	5.77
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	10.21	4.20
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	10.24	4.20
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	14.25	5.77
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	10.98	4.20
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	10.87	4.20
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	11.53	4.73
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889)	10.39	4.20

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0522		1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)*		
26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	9.04	3.15
		For Concrete Or Masonry Surface, Add	*0.32*	
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	4.78	2.10
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906)	6.09	2.10
26 05 33 23-0526	EA	Blank End (Wiremold #2910B)	8.20	3.15
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911)	10.31	4.20
26 05 33 23-0528	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	11.31	4.20
26 05 33 23-0529	EA	Tee (Wiremold #2915)	14.51	6.31
26 05 33 23-0530	EA	Radiused Tee (Wiremold #2915FO)	15.53	6.31
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917)	11.37	4.73
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO)	12.41	4.73
26 05 33 23-0533	EA	External Elbow (Wiremold #2918)	11.35	4.73
26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO)	12.70	4.73
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	11.53	4.73
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	12.80	5.25
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	12.46	5.25
26 05 33 23-0538		Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)*		
		Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539		5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)*		
26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	13.93	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	13.24	4.73
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	24.85	4.73
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	20.26	4.73
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.87	0.52
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	7.70	0.52
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	4.78	0.52
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	12.86	5.25
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	7.21	2.63
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	9.63	3.15
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	13.83	5.25
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	12.94	5.25
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	14.77	5.25
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	26.76	10.50
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	27.70	10.50
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	23.35	9.98
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	45.21	16.29
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	31.44	13.13
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	28.32	10.50
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	19.42	7.88
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	31.37	13.13
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	28.57	10.50
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	12.69	5.25
26 05 33 23-0563		5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*		
26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	15.26	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	5.31	0.52
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	3.41	0.52
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	5.87	2.63
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	9.92	3.15
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	8.36	3.15
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	7.47	3.15
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	56.51	16.29
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	27.65	9.98
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	54.24	16.29
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	49.50	13.13
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	57.06	16.29
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	59.76	16.29
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	47.18	16.29
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	47.85	16.29
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	48.48	16.29
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	22.86	5.25
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	30.22	5.25
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	17.43	5.25
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	49.74	16.29
26 05 33 23-0584		6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*		
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	19.11	4.73
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	6.98	0.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	6.85	2.63
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	11.16	3.15
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	7.89	3.15
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	10.40	3.15
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	10.44	3.15
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	10.50	3.15
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	10.50	3.15
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	10.39	3.15
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	10.41	3.15
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	10.33	3.15
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	10.36	3.15
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	10.44	3.15
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	10.22	3.15
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	27.37	5.25
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	36.86	5.25
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	30.03	9.98
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	61.85	16.29
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	56.52	13.13
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	45.31	13.13
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	65.02	16.29
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	52.04	16.29
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	53.34	16.29
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	56.08	16.29
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	50.73	16.29
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	68.47	16.29

26 05 33 23-0612 Surface Cable Protection System *(26 05 33 23)*

26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	643.08
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	484.41

26 05 36 Cable Trays for Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.22	11.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.30*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.66	11.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.58*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.93	12.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.93*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	55.81	13.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.45*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	61.52	14.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.99*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	75.21	16.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.18*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	84.32	18.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.89*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.69	10.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.06*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.02	11.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.34*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.83	12.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.54*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	50.42	13.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.94*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.53	13.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.32*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	64.17	15.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.11*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	70.10	17.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.57*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.18	10.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.93*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.30	11.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.01*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.43	11.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.37*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.71	12.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.74*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.91	12.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.14*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.62	13.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.52*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.78	14.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.83*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.07	10.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.85*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.85	10.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.91*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.09	11.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.09*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.50	11.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.29*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.41	11.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.48*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.16	12.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.87*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.81	13.11
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.09*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.59	10.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.82*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.22	10.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.87*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.46	10.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.05*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.46	11.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.20*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.17	11.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.27*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.76	12.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.46*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.67	12.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.60*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.81	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.48*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	357.81	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.84*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	393.10	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.21*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.71	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.44*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.15	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.09*	
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	673.29	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.17*	
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	777.10	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.81*	

26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.45	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.55*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.49	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.86*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.43	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.17*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.66	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.51*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.90	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.29*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.24	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.64*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.76	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.69*	
26 05 36 00-0061		**36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.06	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.86*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	552.24	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.14*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.46	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.02*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.34	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.21*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.31	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.85*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	950.15	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.02*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,075.48	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.54*	
26 05 36 00-0069		**12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	239.35	83.57
		For 60 Degree Bend, Deduct	*-46.96*	
		For 30 Degree Bend, Deduct	*-82.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.97*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	271.18	100.24
		For 60 Degree Bend, Deduct	*-51.08*	
		For 30 Degree Bend, Deduct	*-90.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.77*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.87	114.95
		For 60 Degree Bend, Deduct	*-54.89*	
		For 30 Degree Bend, Deduct	*-97.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.41*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.52	145.30
		For 60 Degree Bend, Deduct	*-61.97*	
		For 30 Degree Bend, Deduct	*-111.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.55*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.68	177.95
		For 60 Degree Bend, Deduct	*-78.20*	
		For 30 Degree Bend, Deduct	*-140.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.54*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.46	204.27
		For 60 Degree Bend, Deduct	*-96.08*	
		For 30 Degree Bend, Deduct	*-171.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.82*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.83	239.80
		For 60 Degree Bend, Deduct	*-104.69*	
		For 30 Degree Bend, Deduct	*-187.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0077			**24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0078		EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.29	86.21
			For 60 Degree Bend, Deduct	*-56.16*	
			For 30 Degree Bend, Deduct	*-98.39*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.85*	
26 05 36 00-0079		EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.07	103.92
			For 60 Degree Bend, Deduct	*-61.82*	
			For 30 Degree Bend, Deduct	*-108.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.15*	
26 05 36 00-0080		EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.18	120.01
			For 60 Degree Bend, Deduct	*-69.89*	
			For 30 Degree Bend, Deduct	*-123.15*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.12*	
26 05 36 00-0081		EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.72	153.24
			For 60 Degree Bend, Deduct	*-76.78*	
			For 30 Degree Bend, Deduct	*-136.49*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.30*	
26 05 36 00-0082		EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	505.16	190.37
			For 60 Degree Bend, Deduct	*-93.75*	
			For 30 Degree Bend, Deduct	*-166.82*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.66*	
26 05 36 00-0083		EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.71	220.83
			For 60 Degree Bend, Deduct	*-110.96*	
			For 30 Degree Bend, Deduct	*-197.20*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.87*	
26 05 36 00-0084		EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	695.51	262.90
			For 60 Degree Bend, Deduct	*-128.76*	
			For 30 Degree Bend, Deduct	*-229.20*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.65*	
26 05 36 00-0085			**36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0086		EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	330.05	88.97
			For 60 Degree Bend, Deduct	*-74.83*	
			For 30 Degree Bend, Deduct	*-129.65*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.59*	
26 05 36 00-0087		EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.12	108.06
			For 60 Degree Bend, Deduct	*-81.38*	
			For 30 Degree Bend, Deduct	*-141.64*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.21*	
26 05 36 00-0088		EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.14	125.42
			For 60 Degree Bend, Deduct	*-85.62*	
			For 30 Degree Bend, Deduct	*-149.67*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.06*	
26 05 36 00-0089		EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.09	162.32
			For 60 Degree Bend, Deduct	*-97.18*	
			For 30 Degree Bend, Deduct	*-170.99*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.78*	
26 05 36 00-0090		EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.24	204.27
			For 60 Degree Bend, Deduct	*-108.21*	
			For 30 Degree Bend, Deduct	*-191.71*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.50*	
26 05 36 00-0091		EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.81	239.80
			For 60 Degree Bend, Deduct	*-135.71*	
			For 30 Degree Bend, Deduct	*-239.50*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.00*	
26 05 36 00-0092		EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.61	290.25
			For 60 Degree Bend, Deduct	*-154.91*	
			For 30 Degree Bend, Deduct	*-274.30*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.47*	
26 05 36 00-0093			**12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0094		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.29	114.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.45*	
26 05 36 00-0095		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.23	131.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.73	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.88*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.70	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.34*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.92	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.27*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	580.19	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.86*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	641.73	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.30*	

26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.22	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.43*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.74	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.48*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	494.41	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.67*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.93	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.03*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	632.47	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.85*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.81	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.80*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.56	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.57*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.67	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.72*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	555.66	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.47*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.01	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.27*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	683.44	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.32*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	746.29	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.64*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	853.84	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.39*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	959.76	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.97*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	622.18	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.82*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.89	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.30*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	706.07	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.72*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.92	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.00*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	897.46	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,004.11	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.35*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,136.36	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.00*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	798.10	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.83*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	855.46	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.64*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	892.36	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.25*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	977.14	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.19*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,083.20	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.58*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,166.72	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.03*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,417.36	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.34*	

26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.79	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.47*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,102.27	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.04*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,170.65	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.54*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,284.29	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.69*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,456.71	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.86*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,580.51	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.66*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,772.60	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.49*	

26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	773.04	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.28*	
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	790.27	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.33*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.10	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.41*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.42	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.76*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	873.02	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.42*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	945.48	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.56*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.08	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.99*	

26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,149.58	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.56*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,176.18	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.46*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,204.08	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.42*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,265.23	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.62*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,309.73	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.98*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,383.12	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.79*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,485.39	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.80*	

26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,860.48	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.06*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,897.46	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.86*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,936.81	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.78*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,001.51	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.96*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,047.12	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.19*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,168.35	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.10*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,268.68	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-194.06*	

26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	774.74	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.48*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	813.91	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.20*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.90	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.57*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	935.81	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.52*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,052.89	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.65*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,183.53	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.55*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,295.95	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.20*	

26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,121.32	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.61*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,171.05	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.04*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,223.58	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,303.31	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.69*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,443.92	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.00*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,551.77	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.86*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,746.04	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.83*	

26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,428.47	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.11*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,504.41	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.80*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,585.72	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.77*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,732.28	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.84*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,973.69	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.60*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,151.29	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.22*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,350.71	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.93*	

26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.46	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.66*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.61	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.06*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.02	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.78*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,113.59	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.29*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,250.95	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.46*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,421.16	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.29*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,559.73	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.62*	

26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,396.22	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.10*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,454.48	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.39*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,515.55	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.82*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,614.06	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.77*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,775.16	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.12*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,905.20	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,155.82	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.81*	

26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,812.64	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.53*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,905.65	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.93*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,004.03	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.60*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,193.28	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.94*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,485.91	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-206.82*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,706.20	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-224.71*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,948.31	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-243.69*	

26 05 36 00-0213 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0214 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.42	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.64*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.96	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.85*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.50	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.05*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	464.69	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.64*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.63	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.94*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	631.85	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.03*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	728.65	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.97*	

26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.50	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.76*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	464.38	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.95*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.87	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.88	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.13*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	649.91	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.59*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.17	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.53*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.06	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.62*	

26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	461.03	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.88	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.70*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	549.05	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.37*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	659.22	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.90*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.94	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.01*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	880.10	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.02*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	999.01	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.89*	

26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.05	83.57
		For 60 Degree Bend, Deduct	*-42.24*	
		For 30 Degree Bend, Deduct	*-75.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.54*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.29	100.24
		For 60 Degree Bend, Deduct	*-46.17*	
		For 30 Degree Bend, Deduct	*-82.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.28*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.40	114.95
		For 60 Degree Bend, Deduct	*-49.79*	
		For 30 Degree Bend, Deduct	*-89.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.86*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	340.18	145.30
		For 60 Degree Bend, Deduct	*-56.57*	
		For 30 Degree Bend, Deduct	*-102.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.91*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	422.67	177.95
		For 60 Degree Bend, Deduct	*-71.27*	
		For 30 Degree Bend, Deduct	*-128.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.44*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.61	204.27
		For 60 Degree Bend, Deduct	*-87.22*	
		For 30 Degree Bend, Deduct	*-156.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.81	239.80
		For 60 Degree Bend, Deduct	*-95.45*	
		For 30 Degree Bend, Deduct	*-172.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.80*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.19	86.21
		For 60 Degree Bend, Deduct	*-50.19*	
		For 30 Degree Bend, Deduct	*-88.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.04*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	288.81	103.92
		For 60 Degree Bend, Deduct	*-55.46*	
		For 30 Degree Bend, Deduct	*-98.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.22*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.58	120.01
		For 60 Degree Bend, Deduct	*-62.76*	
		For 30 Degree Bend, Deduct	*-111.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.96*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.54	153.24
		For 60 Degree Bend, Deduct	*-69.46*	
		For 30 Degree Bend, Deduct	*-124.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.31	190.37
		For 60 Degree Bend, Deduct	*-84.89*	
		For 30 Degree Bend, Deduct	*-152.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.97*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.60	220.83
		For 60 Degree Bend, Deduct	*-100.36*	
		For 30 Degree Bend, Deduct	*-179.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.66*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.74	262.90
		For 60 Degree Bend, Deduct	*-116.62*	
		For 30 Degree Bend, Deduct	*-208.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.97*	

26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.08	88.97
		For 60 Degree Bend, Deduct	*-66.26*	
		For 30 Degree Bend, Deduct	*-115.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.00*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.68	108.06
		For 60 Degree Bend, Deduct	*-72.33*	
		For 30 Degree Bend, Deduct	*-126.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.46*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.12	125.42
		For 60 Degree Bend, Deduct	*-76.38*	
		For 30 Degree Bend, Deduct	*-134.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.26*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	452.73	162.32
		For 60 Degree Bend, Deduct	*-87.16*	
		For 30 Degree Bend, Deduct	*-154.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.74*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.13	204.27
		For 60 Degree Bend, Deduct	*-97.62*	
		For 30 Degree Bend, Deduct	*-174.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.29*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	648.37	239.80
		For 60 Degree Bend, Deduct	*-122.03*	
		For 30 Degree Bend, Deduct	*-216.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.85*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	760.50	290.25
		For 60 Degree Bend, Deduct	*-139.69*	
		For 30 Degree Bend, Deduct	*-248.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.86*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.59	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.18*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.24	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.88*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.31	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.54*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.69	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.94*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	508.32	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.81*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	564.43	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.28*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.38	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.67*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.27	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	441.36	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.64*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.30	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.76*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	548.79	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.02*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.31	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.73*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.48	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.56*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	772.46	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.06*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.44	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.30*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	530.56	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.96*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	562.62	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.73*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.01	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.58*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	718.56	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.87*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	822.32	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.24*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	926.19	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.61*	

26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.63	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.86*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	651.87	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.20*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	683.89	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.50*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.53	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.46*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	867.69	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.25*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	968.50	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.79*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,096.09	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.97*	

26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	767.45	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.76*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	823.35	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.43*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.09	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.92*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	941.24	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,044.09	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.67*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,124.11	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.77*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,362.78	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.89*	

26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	987.96	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.89*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,054.70	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.28*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,119.86	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.46*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,229.71	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.23*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,395.13	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.71*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,513.39	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.95*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,700.51	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.28*	

26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	739.77	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.95*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.70	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.97*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	774.25	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.03*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	812.98	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.31*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	837.99	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.91*	
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.12	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.82*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	976.27	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.10*	

26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,089.46	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.55*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,115.18	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.36*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,142.20	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.24*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,201.61	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.26*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,244.35	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.44*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,316.00	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.08*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,415.34	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0326		**36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,748.11	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.83*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,783.64	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.48*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,821.53	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.25*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,884.76	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-164.29*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,928.91	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.37*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,045.77	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.84*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,144.64	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.66*	
26 05 36 00-0334		**12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.52	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.06*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	788.52	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.66*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	843.18	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.80*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	905.46	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.49*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.04	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.27*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,142.96	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.49*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,250.71	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.68*	
26 05 36 00-0342		**24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,074.33	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.91*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,122.60	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.20*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,173.68	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.63*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,250.19	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.38*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,387.30	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.34*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,491.35	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.82*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,675.99	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.83*	
26 05 36 00-0350		**36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,362.80	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.54*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,435.82	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,514.21	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.61*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,653.48	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.96*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,886.13	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.84*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,056.43	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.74*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,248.56	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.72*	

26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	881.33	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.14*	
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	925.79	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.38*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	992.81	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.76*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,069.58	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.89*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,201.86	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.55*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,362.33	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.41*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,494.13	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.06*	

26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,328.08	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.29*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,384.23	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.36*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,443.18	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.58*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,537.04	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.07*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,693.06	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.91*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,817.60	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.44*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,054.25	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.65*	

26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,717.42	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.00*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,806.19	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.98*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,900.35	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.23*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,079.02	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.51*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,358.95	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-194.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,568.65	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-210.96*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,800.18	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-228.88*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.04	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.80*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.11	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.87*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.90	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.89*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.68	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.84*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.11	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.79*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.40	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.88*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	680.20	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.12*	

26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.56	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.96*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.27	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.04*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	458.30	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.06*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.10	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.75*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.92	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.89*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	673.09	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.42*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	787.35	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.54*	

26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.00	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.46*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.52	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.27*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.64	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.73*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.10	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.59*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	691.56	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.17*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	810.06	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.02*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.54	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.24*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0407		12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.75	83.57
		For 60 Degree Bend, Deduct	*-37.52*	
		For 30 Degree Bend, Deduct	*-67.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.11*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	241.41	100.24
		For 60 Degree Bend, Deduct	*-41.26*	
		For 30 Degree Bend, Deduct	*-74.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.79*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.93	114.95
		For 60 Degree Bend, Deduct	*-44.68*	
		For 30 Degree Bend, Deduct	*-80.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.31*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	323.83	145.30
		For 60 Degree Bend, Deduct	*-51.18*	
		For 30 Degree Bend, Deduct	*-93.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.28*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.65	177.95
		For 60 Degree Bend, Deduct	*-64.33*	
		For 30 Degree Bend, Deduct	*-117.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.34*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.76	204.27
		For 60 Degree Bend, Deduct	*-78.36*	
		For 30 Degree Bend, Deduct	*-141.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.45*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.80	239.80
		For 60 Degree Bend, Deduct	*-86.20*	
		For 30 Degree Bend, Deduct	*-157.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.00*	
26 05 36 00-0415		24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	234.10	86.21
		For 60 Degree Bend, Deduct	*-44.22*	
		For 30 Degree Bend, Deduct	*-78.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.23*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	269.55	103.92
		For 60 Degree Bend, Deduct	*-49.11*	
		For 30 Degree Bend, Deduct	*-87.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.29*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.98	120.01
		For 60 Degree Bend, Deduct	*-55.64*	
		For 30 Degree Bend, Deduct	*-99.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.80*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.36	153.24
		For 60 Degree Bend, Deduct	*-62.15*	
		For 30 Degree Bend, Deduct	*-112.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.86*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.46	190.37
		For 60 Degree Bend, Deduct	*-76.03*	
		For 30 Degree Bend, Deduct	*-137.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.29*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.50	220.83
		For 60 Degree Bend, Deduct	*-89.77*	
		For 30 Degree Bend, Deduct	*-161.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.45*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	621.96	262.90
		For 60 Degree Bend, Deduct	*-104.49*	
		For 30 Degree Bend, Deduct	*-188.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.29*	
26 05 36 00-0423		36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	278.10	88.97
		For 60 Degree Bend, Deduct	*-57.68*	
		For 30 Degree Bend, Deduct	*-101.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.25	108.06
		For 60 Degree Bend, Deduct	*-63.28*	
		For 30 Degree Bend, Deduct	*-111.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.72*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.11	125.42
		For 60 Degree Bend, Deduct	*-67.13*	
		For 30 Degree Bend, Deduct	*-118.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.46*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	422.38	162.32
		For 60 Degree Bend, Deduct	*-77.15*	
		For 30 Degree Bend, Deduct	*-137.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.71*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.03	204.27
		For 60 Degree Bend, Deduct	*-87.02*	
		For 30 Degree Bend, Deduct	*-156.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.08*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.92	239.80
		For 60 Degree Bend, Deduct	*-108.35*	
		For 30 Degree Bend, Deduct	*-193.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	714.38	290.25
		For 60 Degree Bend, Deduct	*-124.47*	
		For 30 Degree Bend, Deduct	*-223.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.25*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.55	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.28*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.76	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.93*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.17	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.52*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.68	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.84*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.43	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.62*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.79	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.92*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.86	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.22*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.35	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.94*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.77	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.88*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.62	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.89*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	518.59	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.00*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.57	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.56*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.99	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.21*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.81	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.29*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.11	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.67*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.91	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.20*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	524.53	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.92*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.85	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.46*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.97	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.71*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.03	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.51*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	875.84	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.57*	

26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.52	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.95*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.84	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.00*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.53	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.07*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.74	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.38*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.15	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.29*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	897.28	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.67*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.53	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.92*	

26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	706.16	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.63*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	759.14	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.01*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.55	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.26*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	869.44	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.42*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	965.87	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.85*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.88	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.25*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,253.63	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.97*	

26 05 36 00-0471 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	896.32	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.73*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	959.55	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.76*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,018.29	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,120.56	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.32*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,271.96	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.39*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,379.13	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.52*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,556.33	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.86*	

26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	673.23	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.30*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.57	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.26*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	706.53	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.25*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.10	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	767.95	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.91*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	833.41	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.35*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	898.63	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.34*	

26 05 36 00-0487 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	969.21	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.52*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	993.18	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.16*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,018.45	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.86*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,074.35	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.53*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,113.60	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.37*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,181.74	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.65*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,275.24	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.79*	

26 05 36 00-0495 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,523.38	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.35*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,555.98	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.71*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,590.95	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.19*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,651.27	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.94*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,692.50	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.73*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,800.60	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,896.55	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.85*	

26 05 36 00-0503 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.07	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.22*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	737.73	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.58*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	787.72	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.25*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	844.75	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.41*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	951.32	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.49*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,061.82	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.38*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,160.23	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.63*	

26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	980.35	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.51*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.71	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.51*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,073.86	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.65*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,143.95	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.76*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,274.06	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.01*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,370.52	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.73*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,535.89	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.82*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,231.47	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.41*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,298.64	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.23*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,371.20	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.31*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,495.87	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.20*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,711.01	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.33*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,866.72	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.76*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,044.26	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.29*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.08	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	852.16	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.02*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	912.40	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.72*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	981.55	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.08*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,103.68	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.73*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,244.68	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.65*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,362.94	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.95*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,191.81	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.66*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,243.73	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.31*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,298.45	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.11*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,382.99	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.66*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,528.85	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.49*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,642.39	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.92*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,851.11	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.34*	

26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,526.98	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.96*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,607.29	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.09*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,692.98	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.49*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,850.49	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.66*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,105.03	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.73*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,293.57	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.45*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,503.94	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-199.26*	

26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	277.60	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.16*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	311.17	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.17*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.34	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.87	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.86*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.07	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.68*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.90	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.43*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	663.24	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.43*	

26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.28	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.64*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.58	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.67*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.10	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.64*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.78	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.22*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	586.47	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.25*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.21	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.64*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.10	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.42*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.29	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.99*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.99	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.71*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.40	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.11*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.50	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.73*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.13	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.13*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	785.54	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.56*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	895.78	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.57*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.74	83.57
		For 60 Degree Bend, Deduct	*-35.87*	
		For 30 Degree Bend, Deduct	*-64.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.61*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.20	100.24
		For 60 Degree Bend, Deduct	*-39.54*	
		For 30 Degree Bend, Deduct	*-71.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.27*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.52	114.95
		For 60 Degree Bend, Deduct	*-42.90*	
		For 30 Degree Bend, Deduct	*-77.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.77*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.11	145.30
		For 60 Degree Bend, Deduct	*-49.29*	
		For 30 Degree Bend, Deduct	*-90.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.30	177.95
		For 60 Degree Bend, Deduct	*-61.91*	
		For 30 Degree Bend, Deduct	*-113.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.60*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.36	204.27
		For 60 Degree Bend, Deduct	*-75.25*	
		For 30 Degree Bend, Deduct	*-136.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.51*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.99	239.80
		For 60 Degree Bend, Deduct	*-82.97*	
		For 30 Degree Bend, Deduct	*-151.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.01*	
26 05 36 00-0584		**24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.76	86.21
		For 60 Degree Bend, Deduct	*-42.13*	
		For 30 Degree Bend, Deduct	*-75.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.60*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.80	103.92
		For 60 Degree Bend, Deduct	*-46.88*	
		For 30 Degree Bend, Deduct	*-83.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.62*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.42	120.01
		For 60 Degree Bend, Deduct	*-53.14*	
		For 30 Degree Bend, Deduct	*-95.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.04*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	358.59	153.24
		For 60 Degree Bend, Deduct	*-59.58*	
		For 30 Degree Bend, Deduct	*-107.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.09*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.06	190.37
		For 60 Degree Bend, Deduct	*-72.92*	
		For 30 Degree Bend, Deduct	*-132.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.35*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.26	220.83
		For 60 Degree Bend, Deduct	*-86.06*	
		For 30 Degree Bend, Deduct	*-155.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.33*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.09	262.90
		For 60 Degree Bend, Deduct	*-100.24*	
		For 30 Degree Bend, Deduct	*-181.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.00*	
26 05 36 00-0592		**36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	269.01	88.97
		For 60 Degree Bend, Deduct	*-54.68*	
		For 30 Degree Bend, Deduct	*-96.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.49*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.64	108.06
		For 60 Degree Bend, Deduct	*-60.11*	
		For 30 Degree Bend, Deduct	*-106.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.76*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	339.30	125.42
		For 60 Degree Bend, Deduct	*-63.90*	
		For 30 Degree Bend, Deduct	*-113.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.48*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.76	162.32
		For 60 Degree Bend, Deduct	*-73.64*	
		For 30 Degree Bend, Deduct	*-131.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.65*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.79	204.27
		For 60 Degree Bend, Deduct	*-83.32*	
		For 30 Degree Bend, Deduct	*-150.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.42	239.80
		For 60 Degree Bend, Deduct	*-103.57*	
		For 30 Degree Bend, Deduct	*-185.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.26*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	698.24	290.25
		For 60 Degree Bend, Deduct	*-119.14*	
		For 30 Degree Bend, Deduct	*-214.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.63*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.66	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.39*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	339.67	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.02*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.77	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.58*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.87	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.86*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.22	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.60*	
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.75	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.82*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.42	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.07*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.78	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.69*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.90	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.60*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.24	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.55*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.49	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.59*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	564.76	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.08*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.36	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.65*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	717.24	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.53*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.15	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.97*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.34	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.44*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	506.76	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.15*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.65	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.54*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.56	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.77*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.97	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.31*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	852.35	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0624		12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.96	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.00*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.83	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.90*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.35	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.85*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.35	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.84*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.38	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.32*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	861.68	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.11*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	975.26	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.89*	
26 05 36 00-0632		24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	675.51	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.57*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.04	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.80*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	759.27	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.94*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	833.54	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.83*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	926.76	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.94*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	996.27	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.99*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,199.05	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.51*	
26 05 36 00-0640		36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	850.49	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.14*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	911.98	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.01*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	967.51	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.23*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,065.98	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.86*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,210.38	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.23*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,312.00	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.81*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,484.23	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.65*	
26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.95	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.97*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.01	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.68	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.87*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	709.66	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.98*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.92	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.41*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	796.05	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.61*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.81	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.46*	

26 05 36 00-0656 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	909.09	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.51*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	932.18	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.06*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	956.58	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.67*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,010.73	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.17*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,048.22	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.83*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,114.61	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.94*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,205.20	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.78*	

26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,411.01	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.12*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,442.15	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.33*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,475.67	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.66*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,534.52	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.26*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,574.30	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.91*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,678.02	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.06*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,772.51	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.44*	

26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.84	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.79*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.34	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.04*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	759.99	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.48*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	814.40	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.38*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	917.47	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,021.25	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.32*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,114.99	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.11*	

26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	933.36	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.81*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	977.26	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.67*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,023.95	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.66*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,090.83	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.45*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,217.44	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.35*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,310.10	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.69*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,465.85	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.81*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,165.80	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.84*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,230.05	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.37*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,299.69	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.16*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,417.07	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.32*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,623.45	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.57*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,771.86	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.28*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,942.10	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.07*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.95	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.60*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	815.34	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.34*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	872.20	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.70*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	937.54	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.68*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,054.58	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.82*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,185.86	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.76*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,297.34	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.39*	

26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,123.67	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.84*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,173.48	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.29*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,226.08	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.87*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,305.97	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.96*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,446.75	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.28*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,554.79	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.16*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,749.54	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.18*	

26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,431.76	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.44*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,507.84	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.15*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,589.29	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.12*	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,736.22	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.23*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,978.07	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.04*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,156.03	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.70*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,355.82	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.45*	

26 05 36 00-0720 Dropout Or End Plates And Reducers *(26 05 36 00-0002)*

26 05 36 00-0721 Straight Reducers *(26 05 36 00-0720)*

26 05 36 00-0722	EA	9" To 6" Reducer, Steel Cable Tray	275.69	84.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.50*	
26 05 36 00-0723	EA	12" To 9" Reducer, Steel Cable Tray	290.29	91.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.37*	
26 05 36 00-0724	EA	18" To 12" Reducer, Steel Cable Tray	313.93	105.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.56*	
26 05 36 00-0725	EA	24" To 18" Reducer, Steel Cable Tray	344.49	122.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.23*	
26 05 36 00-0726	EA	30" To 24" Reducer, Steel Cable Tray	372.91	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.80*	
26 05 36 00-0727	EA	36" To 30" Reducer, Steel Cable Tray	423.22	157.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.19*	

26 05 36 00-0728 Reducers *(26 05 36 00-0720)*

26 05 36 00-0729	EA	18" To 6" Reducer, Steel Cable Tray	319.86	106.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.14*	
26 05 36 00-0730	EA	24" To 12" Reducer, Steel Cable Tray	350.62	122.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.83*	
26 05 36 00-0731	EA	30" To 12" Reducer, Steel Cable Tray	384.41	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.96*	
26 05 36 00-0732	EA	30" To 18" Reducer, Steel Cable Tray	390.07	137.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.53*	
26 05 36 00-0733	EA	36" To 12" Reducer, Steel Cable Tray	426.13	157.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.48*	
26 05 36 00-0734	EA	36" To 18" Reducer, Steel Cable Tray	438.87	161.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.41*	
26 05 36 00-0735	EA	36" To 24" Reducer, Steel Cable Tray	453.32	166.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.42*	

26 05 36 00-0736 Dropout Or End Plate *(26 05 36 00-0720)*

26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	72.51	34.49
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	83.30	39.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	89.96	42.42
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	106.18	50.12
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	119.40	55.18
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	132.26	61.27
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	149.39	68.97

26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)*

Note: 4-5/8" Height

26 05 36 00-0745 Straight Tray Sections *(26 05 36 00-0744)*

26 05 36 00-0746 4" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	119.21	8.05
		For Class 12C Instead Of Class 12B, Add	*16.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.96*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	126.08	8.51
		For Class 12C Instead Of Class 12B, Add	*17.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.30*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	132.93	8.85
		For Class 12C Instead Of Class 12B, Add	*18.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.65*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	147.72	9.65
		For Class 12C Instead Of Class 12B, Add	*20.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.39*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	170.87	10.35
		For Class 12C Instead Of Class 12B, Add	*23.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.54*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	187.52	11.04
		For Class 12C Instead Of Class 12B, Add	*26.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.38*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	202.19	11.72
		For Class 12C Instead Of Class 12B, Add	*28.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.11*	

26 05 36 00-0754 6" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	109.59	8.05
		For Class 12C Instead Of Class 12B, Add	*15.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.48*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	115.90	8.51
		For Class 12C Instead Of Class 12B, Add	*15.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.80*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	122.19	8.85
		For Class 12C Instead Of Class 12B, Add	*16.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.11*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	135.76	9.65
		For Class 12C Instead Of Class 12B, Add	*18.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.79*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	156.90	10.35
		For Class 12C Instead Of Class 12B, Add	*21.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.85*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	172.14	11.04
		For Class 12C Instead Of Class 12B, Add	*23.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.61*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	185.59	11.72
		For Class 12C Instead Of Class 12B, Add	*25.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.28*	

26 05 36 00-0762 9" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	97.31	7.71
		For Class 12C Instead Of Class 12B, Add	*13.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.87*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	98.34	8.05
		For Class 12C Instead Of Class 12B, Add	*13.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.92*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	105.56	8.51
		For Class 12C Instead Of Class 12B, Add	*14.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	112.68	9.08
		For Class 12C Instead Of Class 12B, Add	*15.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.63*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	128.22	9.42
		For Class 12C Instead Of Class 12B, Add	*17.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.41*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	142.16	10.12
		For Class 12C Instead Of Class 12B, Add	*19.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.11*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	150.66	11.04
		For Class 12C Instead Of Class 12B, Add	*20.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.53*	
26 05 36 00-0770		**12" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	95.44	7.48
		For Class 12C Instead Of Class 12B, Add	*13.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.77*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	96.37	7.71
		For Class 12C Instead Of Class 12B, Add	*13.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.82*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	99.94	8.16
		For Class 12C Instead Of Class 12B, Add	*13.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.00*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	105.90	8.62
		For Class 12C Instead Of Class 12B, Add	*14.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.30*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	116.41	8.74
		For Class 12C Instead Of Class 12B, Add	*16.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.82*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	124.84	9.65
		For Class 12C Instead Of Class 12B, Add	*17.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.24*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	131.81	10.46
		For Class 12C Instead Of Class 12B, Add	*18.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.59*	
26 05 36 00-0778		**18" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	94.64	7.25
		For Class 12C Instead Of Class 12B, Add	*12.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.73*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	94.15	7.59
		For Class 12C Instead Of Class 12B, Add	*12.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.71*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	99.37	7.82
		For Class 12C Instead Of Class 12B, Add	*13.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.97*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	104.73	8.28
		For Class 12C Instead Of Class 12B, Add	*14.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.24*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	111.98	8.39
		For Class 12C Instead Of Class 12B, Add	*15.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.60*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	116.52	9.19
		For Class 12C Instead Of Class 12B, Add	*15.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.83*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	122.68	10.01
		For Class 12C Instead Of Class 12B, Add	*16.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.13*	
26 05 36 00-0786		**4" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0787		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	346.37	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.06	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.85*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	429.38	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.47*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	507.48	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.37*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	602.17	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.11*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	660.48	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.02*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	773.83	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.69*	

26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	473.24	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.66*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	514.83	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.74*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	554.23	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.71*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	641.36	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.07*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	723.38	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.17*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	806.32	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.32*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	921.23	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.06*	

26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	509.59	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.48*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	550.24	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.51*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	614.30	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.72*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	727.15	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.36*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	837.12	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.86*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	940.21	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.01*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,090.89	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.54*	

26 05 36 00-0811 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	240.79	83.57
		For 60 Degree Bend, Deduct	*-47.44*	
		For 30 Degree Bend, Deduct	*-83.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.04*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	272.43	100.24
		For 60 Degree Bend, Deduct	*-51.50*	
		For 30 Degree Bend, Deduct	*-91.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.62*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	300.95	114.95
		For 60 Degree Bend, Deduct	*-55.25*	
		For 30 Degree Bend, Deduct	*-98.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	370.99	145.30
		For 60 Degree Bend, Deduct	*-66.74*	
		For 30 Degree Bend, Deduct	*-119.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.55*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	456.71	177.95
		For 60 Degree Bend, Deduct	*-82.50*	
		For 30 Degree Bend, Deduct	*-147.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.84*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.06	204.27
		For 60 Degree Bend, Deduct	*-94.62*	
		For 30 Degree Bend, Deduct	*-169.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.20*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	591.07	239.80
		For 60 Degree Bend, Deduct	*-103.12*	
		For 30 Degree Bend, Deduct	*-185.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.55*	
26 05 36 00-0819		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	280.32	86.21
		For 60 Degree Bend, Deduct	*-59.47*	
		For 30 Degree Bend, Deduct	*-103.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.02*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	325.55	103.92
		For 60 Degree Bend, Deduct	*-67.59*	
		For 30 Degree Bend, Deduct	*-118.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.28*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	356.21	120.01
		For 60 Degree Bend, Deduct	*-71.55*	
		For 30 Degree Bend, Deduct	*-125.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.81*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	423.39	153.24
		For 60 Degree Bend, Deduct	*-80.97*	
		For 30 Degree Bend, Deduct	*-143.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.17*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	512.48	190.37
		For 60 Degree Bend, Deduct	*-96.16*	
		For 30 Degree Bend, Deduct	*-170.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.62*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	602.30	220.83
		For 60 Degree Bend, Deduct	*-114.13*	
		For 30 Degree Bend, Deduct	*-202.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.12*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	684.14	262.90
		For 60 Degree Bend, Deduct	*-125.01*	
		For 30 Degree Bend, Deduct	*-222.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.21*	
26 05 36 00-0827		45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	331.78	88.97
		For 60 Degree Bend, Deduct	*-75.40*	
		For 30 Degree Bend, Deduct	*-130.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.59*	
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	367.54	108.06
		For 60 Degree Bend, Deduct	*-79.87*	
		For 30 Degree Bend, Deduct	*-139.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.38*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	400.38	125.42
		For 60 Degree Bend, Deduct	*-84.05*	
		For 30 Degree Bend, Deduct	*-147.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.02*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	481.51	162.32
		For 60 Degree Bend, Deduct	*-96.66*	
		For 30 Degree Bend, Deduct	*-170.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.08*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	598.27	204.27
		For 60 Degree Bend, Deduct	*-119.11*	
		For 30 Degree Bend, Deduct	*-209.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	673.09	239.80
		For 60 Degree Bend, Deduct	*-130.19*	
		For 30 Degree Bend, Deduct	*-230.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.65*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	784.54	290.25
		For 60 Degree Bend, Deduct	*-147.62*	
		For 30 Degree Bend, Deduct	*-262.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.23*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	383.38	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.17*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	421.13	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.06*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	447.65	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.38*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	509.29	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.46*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	563.68	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.18*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	616.82	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.84*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	678.03	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.90*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	407.33	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.37*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	446.10	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.31*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	476.88	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.84*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	550.84	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.54*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	615.56	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.78*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	679.24	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.96*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	762.78	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.14*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	529.68	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.48*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	569.70	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.49*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	619.32	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.97*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	703.16	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.16*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	776.31	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.82*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	864.33	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.22*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	962.14	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.11*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	589.19	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.46*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	635.43	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.77*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	657.07	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.85*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	746.32	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.32*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	825.97	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.30*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	907.50	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.38*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,051.58	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.58*	
26 05 36 00-0867		**24" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	776.87	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.84*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	837.02	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.85*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	869.63	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.48*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	956.52	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.83*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,060.74	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.04*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,145.87	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.29*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,523.83	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.19*	
26 05 36 00-0875		**36" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	971.20	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.56*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,031.43	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.57*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,108.84	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.44*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,205.80	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.29*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,352.44	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.62*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,589.11	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.46*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,814.60	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.73*	
26 05 36 00-0883		**12" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	837.35	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.87*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	865.28	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.26*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	882.95	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.15*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	925.56	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	987.09	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.35*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,040.08	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.00*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,108.84	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.44*	

26 05 36 00-0891 24" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,209.34	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.47*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,235.43	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.77*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,262.83	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.14*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,326.61	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.33*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.10	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.51*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,442.49	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.12*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,590.22	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.51*	

26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,000.30	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-180.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.02*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,039.09	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.95*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,080.26	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-186.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.01*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,146.79	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.34*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,194.21	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-193.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.71*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,320.87	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-203.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.04*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,423.01	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-209.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.15*	

26 05 36 00-0907 12" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	768.08	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.40*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	824.71	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.24*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	854.98	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.75*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	958.27	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.91*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,044.33	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.22*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,163.86	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.19*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,342.50	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.13*	

26 05 36 00-0915 24" Radius Horizontal Crosses *(26 05 36 00-0786)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,101.59	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.08*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,150.48	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.52*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,202.17	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.11*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,272.80	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.64*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,425.91	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.30*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,570.74	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.54*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,742.24	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.11*	

26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,271.08	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.55*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,371.61	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.58*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,460.51	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.03*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,527.45	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.37*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,850.87	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.54*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,042.41	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*102.12*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,273.91	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*113.70*	

26 05 36 00-0931 12" Radius Vertical Cross *(26 05 36 00-0786)*

26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	768.08	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.40*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	824.87	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.24*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	854.89	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.74*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	958.48	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.92*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,044.33	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.22*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,164.16	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.21*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,341.63	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.08*	

26 05 36 00-0939 24" Radius Vertical Crosses *(26 05 36 00-0786)*

26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,101.59	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.08*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,150.48	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.52*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,202.17	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.11*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,272.80	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,425.91	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.30*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,535.20	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.76*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,702.18	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.11*	
26 05 36 00-0947		**36" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,584.42	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.22*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,664.48	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.22*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,770.95	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.55*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,896.28	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.81*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,307.82	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-189.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.39*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,548.32	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-208.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*127.42*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,836.94	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-232.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*141.85*	
26 05 36 00-0955		**6" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0956		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	324.33	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.22*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	354.46	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.72*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	402.60	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.13*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	477.35	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.87*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	564.79	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.24*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	620.86	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.04*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.85	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.29*	
26 05 36 00-0964		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	434.18	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.71*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	474.10	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.71*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	511.54	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.58*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	595.05	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.75*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	672.61	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.63*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	750.80	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.54*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	858.75	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.94*	
26 05 36 00-0972		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	466.63	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.33*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	506.16	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.31*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	565.20	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.26*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	671.92	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.60*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	774.64	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.73*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	871.58	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.58*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,012.22	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.61*	

26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	226.28	83.57
		For 60 Degree Bend, Deduct	*-42.65*	
		For 30 Degree Bend, Deduct	*-75.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.31*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	257.37	100.24
		For 60 Degree Bend, Deduct	*-46.53*	
		For 30 Degree Bend, Deduct	*-83.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.87*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	285.32	114.95
		For 60 Degree Bend, Deduct	*-50.09*	
		For 30 Degree Bend, Deduct	*-89.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.27*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	352.58	145.30
		For 60 Degree Bend, Deduct	*-60.67*	
		For 30 Degree Bend, Deduct	*-109.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.63*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	433.83	177.95
		For 60 Degree Bend, Deduct	*-74.95*	
		For 30 Degree Bend, Deduct	*-134.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.69*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	497.84	204.27
		For 60 Degree Bend, Deduct	*-85.97*	
		For 30 Degree Bend, Deduct	*-154.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.89*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	563.73	239.80
		For 60 Degree Bend, Deduct	*-94.10*	
		For 30 Degree Bend, Deduct	*-170.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.19*	

26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	260.79	86.21
		For 60 Degree Bend, Deduct	*-53.03*	
		For 30 Degree Bend, Deduct	*-93.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.04*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	303.79	103.92
		For 60 Degree Bend, Deduct	*-60.41*	
		For 30 Degree Bend, Deduct	*-106.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.19*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	333.90	120.01
		For 60 Degree Bend, Deduct	*-64.19*	
		For 30 Degree Bend, Deduct	*-113.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.70*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	399.40	153.24
		For 60 Degree Bend, Deduct	*-73.05*	
		For 30 Degree Bend, Deduct	*-130.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.97*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	484.58	190.37
		For 60 Degree Bend, Deduct	*-86.96*	
		For 30 Degree Bend, Deduct	*-155.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	568.83	220.83
		For 60 Degree Bend, Deduct	*-103.08*	
		For 30 Degree Bend, Deduct	*-184.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.44*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	648.99	262.90
		For 60 Degree Bend, Deduct	*-113.41*	
		For 30 Degree Bend, Deduct	*-203.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.45*	

26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	305.56	88.97
		For 60 Degree Bend, Deduct	*-66.74*	
		For 30 Degree Bend, Deduct	*-116.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.28*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	340.76	108.06
		For 60 Degree Bend, Deduct	*-71.03*	
		For 30 Degree Bend, Deduct	*-124.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.04*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	373.04	125.42
		For 60 Degree Bend, Deduct	*-75.03*	
		For 30 Degree Bend, Deduct	*-132.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.65*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	451.38	162.32
		For 60 Degree Bend, Deduct	*-86.72*	
		For 30 Degree Bend, Deduct	*-153.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.57*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	561.44	204.27
		For 60 Degree Bend, Deduct	*-106.96*	
		For 30 Degree Bend, Deduct	*-189.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.07*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	634.03	239.80
		For 60 Degree Bend, Deduct	*-117.30*	
		For 30 Degree Bend, Deduct	*-208.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.70*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	741.58	290.25
		For 60 Degree Bend, Deduct	*-133.45*	
		For 30 Degree Bend, Deduct	*-238.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.08*	

26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	368.04	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.40*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	404.95	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.25*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	431.19	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.56*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	492.28	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.61*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	545.82	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.29*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	598.13	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.91*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	658.78	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.94*	

26 05 36 00-1012 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	390.74	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.54*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	428.81	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.44*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	459.17	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.96*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	532.15	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	595.75	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.79*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	658.32	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.92*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	740.46	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.02*	

26 05 36 00-1020 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	504.01	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.20*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	543.48	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.17*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	591.43	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.57*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	674.15	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.71*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	746.18	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.31*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	831.97	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.60*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	928.39	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.42*	

26 05 36 00-1028 12" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	572.18	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.61*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	617.30	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.87*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	638.65	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.93*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	724.28	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.21*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	801.69	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.08*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	879.32	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.97*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,017.82	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.89*	

26 05 36 00-1036 24" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	747.85	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.39*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	806.33	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.32*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	838.10	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.91*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	922.21	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.11*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,023.35	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.17*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,104.86	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.24*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,461.06	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.05*	

26 05 36 00-1044 36" Radius Horizontal Tees *(26 05 36 00-0955)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1045		EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	930.19	262.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.11*	
			For 6" Overall Height Instead Of 4-5/8", Add	*46.51*	
26 05 36 00-1046		EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	989.30	290.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.47*	
26 05 36 00-1047		EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,062.81	306.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*53.14*	
26 05 36 00-1048		EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,157.26	344.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.99*	
			For 6" Overall Height Instead Of 4-5/8", Add	*57.86*	
26 05 36 00-1049		EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,298.88	393.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*64.94*	
26 05 36 00-1050		EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,521.32	424.75
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*76.07*	
26 05 36 00-1051		EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,739.28	501.20
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*86.96*	

26 05 36 00-1052 12" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1053		EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	799.13	204.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.89*	
			For 6" Overall Height Instead Of 4-5/8", Add	*39.96*	
26 05 36 00-1054		EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	825.95	212.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.90*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.30*	
26 05 36 00-1055		EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	843.33	220.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.93*	
			For 6" Overall Height Instead Of 4-5/8", Add	*42.17*	
26 05 36 00-1056		EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	885.11	239.80
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.53*	
			For 6" Overall Height Instead Of 4-5/8", Add	*44.26*	
26 05 36 00-1057		EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	943.29	250.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*47.16*	
26 05 36 00-1058		EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	995.44	275.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.77*	
26 05 36 00-1059		EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,062.81	306.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*53.14*	

26 05 36 00-1060 24" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1061		EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,144.62	220.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.06*	
			For 6" Overall Height Instead Of 4-5/8", Add	*57.23*	
26 05 36 00-1062		EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,169.88	229.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*58.49*	
26 05 36 00-1063		EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,196.44	239.80
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.66*	
			For 6" Overall Height Instead Of 4-5/8", Add	*59.82*	
26 05 36 00-1064		EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,258.26	262.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*62.91*	
26 05 36 00-1065		EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,300.08	275.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.02*	
			For 6" Overall Height Instead Of 4-5/8", Add	*65.00*	
26 05 36 00-1066		EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.79	306.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*68.54*	
26 05 36 00-1067		EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,512.11	344.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*75.61*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069		EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,877.18	239.80
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.73*	
			For 6" Overall Height Instead Of 4-5/8", Add	*93.86*	
26 05 36 00-1070		EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,914.37	250.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-170.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*95.72*	
26 05 36 00-1071		EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,953.93	262.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.49*	
			For 6" Overall Height Instead Of 4-5/8", Add	*97.70*	
26 05 36 00-1072		EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,018.87	290.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*100.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,064.69	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-180.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.23*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,186.56	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-189.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.33*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,287.10	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-195.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.36*	
26 05 36 00-1076		**12" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	744.37	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.22*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	798.49	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.92*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	828.48	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.42*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	926.19	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.31*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,011.13	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.56*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,124.80	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.24*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,293.68	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.68*	
26 05 36 00-1084		**24" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,056.12	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.81*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,103.61	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.18*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,153.91	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.70*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,222.03	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.10*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.67	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.53*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,476.06	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.80*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,635.51	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.78*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,217.52	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.88*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,282.29	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.11*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,365.83	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.29*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,464.41	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.22*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,772.76	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.64*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,955.93	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.80*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,177.67	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*108.88*	
26 05 36 00-1100		**12" Radius Vertical Crosses** *(26 05 36 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	744.37	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.22*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	798.65	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.93*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	828.39	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.42*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	926.40	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.32*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,011.13	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.56*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,125.10	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.26*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,292.81	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.64*	

26 05 36 00-1108 24" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,056.12	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.81*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,103.61	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.18*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,153.91	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.70*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,222.03	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.10*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.67	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.53*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,476.06	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.80*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,635.51	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.78*	

26 05 36 00-1116 36" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,506.75	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.34*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,583.58	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.18*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,685.19	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.26*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,804.86	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.24*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,194.56	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.73*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,422.92	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.15*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,697.39	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-218.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*134.87*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	302.29	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.11*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	331.86	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.59*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	375.82	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.79*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	447.22	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	527.41	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.37*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	581.25	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.06*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	677.86	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.89*	
26 05 36 00-1133		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	395.13	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.76*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.37	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.67*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	468.86	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.44*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	548.75	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.44*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	621.83	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.09*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	695.29	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.76*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	796.26	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.81*	
26 05 36 00-1141		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	423.67	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.18*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	462.09	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.10*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	516.10	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.81*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	616.68	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.83*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	712.15	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.61*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	802.95	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.15*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	933.55	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.68*	
26 05 36 00-1149		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	211.77	83.57
		For 60 Degree Bend, Deduct	*-37.86*	
		For 30 Degree Bend, Deduct	*-67.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.59*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	242.30	100.24
		For 60 Degree Bend, Deduct	*-41.55*	
		For 30 Degree Bend, Deduct	*-74.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.12*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	269.70	114.95
		For 60 Degree Bend, Deduct	*-44.94*	
		For 30 Degree Bend, Deduct	*-81.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.49*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	334.17	145.30
		For 60 Degree Bend, Deduct	*-54.59*	
		For 30 Degree Bend, Deduct	*-99.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.71*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	410.96	177.95
		For 60 Degree Bend, Deduct	*-67.40*	
		For 30 Degree Bend, Deduct	*-122.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.62	204.27
		For 60 Degree Bend, Deduct	*-77.32*	
		For 30 Degree Bend, Deduct	*-140.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.58*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	536.40	239.80
		For 60 Degree Bend, Deduct	*-85.08*	
		For 30 Degree Bend, Deduct	*-155.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.82*	

26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	241.26	86.21
		For 60 Degree Bend, Deduct	*-46.58*	
		For 30 Degree Bend, Deduct	*-82.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.06*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	282.03	103.92
		For 60 Degree Bend, Deduct	*-53.23*	
		For 30 Degree Bend, Deduct	*-94.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.10*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	311.58	120.01
		For 60 Degree Bend, Deduct	*-56.82*	
		For 30 Degree Bend, Deduct	*-101.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.58*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	375.41	153.24
		For 60 Degree Bend, Deduct	*-65.13*	
		For 30 Degree Bend, Deduct	*-117.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.77*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	456.68	190.37
		For 60 Degree Bend, Deduct	*-77.75*	
		For 30 Degree Bend, Deduct	*-140.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.83*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	535.35	220.83
		For 60 Degree Bend, Deduct	*-92.03*	
		For 30 Degree Bend, Deduct	*-165.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.77*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	613.84	262.90
		For 60 Degree Bend, Deduct	*-101.81*	
		For 30 Degree Bend, Deduct	*-184.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.69*	

26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	279.34	88.97
		For 60 Degree Bend, Deduct	*-58.09*	
		For 30 Degree Bend, Deduct	*-101.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.97*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	313.98	108.06
		For 60 Degree Bend, Deduct	*-62.20*	
		For 30 Degree Bend, Deduct	*-109.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.70*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	345.71	125.42
		For 60 Degree Bend, Deduct	*-66.01*	
		For 30 Degree Bend, Deduct	*-116.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.29*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	421.25	162.32
		For 60 Degree Bend, Deduct	*-76.77*	
		For 30 Degree Bend, Deduct	*-136.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.06*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	524.62	204.27
		For 60 Degree Bend, Deduct	*-94.81*	
		For 30 Degree Bend, Deduct	*-169.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.23*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	594.98	239.80
		For 60 Degree Bend, Deduct	*-104.41*	
		For 30 Degree Bend, Deduct	*-187.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.75*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	698.62	290.25
		For 60 Degree Bend, Deduct	*-119.27*	
		For 30 Degree Bend, Deduct	*-214.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1173		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	345.02	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.25*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	380.68	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.03*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	406.50	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.33*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	466.75	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.34*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	519.04	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.95*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	570.09	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.50*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	629.91	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.50*	
26 05 36 00-1181		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	365.84	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.29*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.86	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.14*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	432.60	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.63*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	504.11	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.21*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	566.04	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.30*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	626.94	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.35*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	706.99	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.35*	
26 05 36 00-1189		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	465.51	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.28*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	504.14	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.21*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	549.58	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.48*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	630.63	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.53*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	700.99	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.05*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	783.43	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.17*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	877.75	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.89*	
26 05 36 00-1197		**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	538.14	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.91*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	581.03	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.05*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	601.83	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.09*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	680.21	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	753.15	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.66*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	822.97	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.15*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	950.31	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.52*	

26 05 36 00-1205 24" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	689.83	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.49*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	744.96	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.25*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	775.06	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.75*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	853.58	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.68*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	948.59	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.43*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,022.85	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.14*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,335.52	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.78*	

26 05 36 00-1213 36" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	848.18	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.41*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	905.05	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.25*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	970.75	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.54*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,060.18	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.01*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,191.75	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.59*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,385.74	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.29*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,588.64	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.43*	

26 05 36 00-1221 12" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	722.69	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.13*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	747.28	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.36*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	764.11	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.21*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	804.21	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.21*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	855.69	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.78*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	906.17	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.31*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	970.75	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.54*	

26 05 36 00-1229 24" Radius Vertical Tees *(26 05 36 00-1124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,015.18	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.76*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,038.76	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.94*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,063.65	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.18*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.57	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.08*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,160.03	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.00*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,227.40	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.37*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,355.89	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.79*	

26 05 36 00-1237 36" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,630.93	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.55*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,664.93	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.25*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,701.29	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.06*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,763.03	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.15*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,805.65	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.28*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,917.93	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.90*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,015.27	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.76*	

26 05 36 00-1245 12" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.94	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.85*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	746.04	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.30*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.47	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.77*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	862.03	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.10*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	944.73	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.24*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,046.69	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.33*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,196.04	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.80*	

26 05 36 00-1253 24" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	965.17	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.26*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,009.88	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.49*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,057.39	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.87*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,120.49	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,260.20	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.01*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,357.78	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.89*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,502.16	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.11*	

26 05 36 00-1261 36" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,110.39	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.52*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,170.70	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.54*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,247.55	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.38*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,338.31	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.92*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,616.54	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.83*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,782.97	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.15*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,985.18	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.26*	

26 05 36 00-1269 12" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.94	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.85*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	746.04	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.30*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.47	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.77*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	862.03	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.10*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	944.73	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.24*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,046.69	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.33*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,194.31	423.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.72*	

26 05 36 00-1277 24" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	965.17	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.26*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,009.88	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.49*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,057.39	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.87*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,120.49	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.02*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,260.20	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.01*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,357.78	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.89*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,502.16	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.11*	

26 05 36 00-1285 36" Radius Vertical Crosses *(26 05 36 00-1124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,351.42	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.57*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,421.77	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.09*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,513.68	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.68*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,622.02	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.10*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,968.04	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*98.40*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,172.13	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*108.61*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,418.28	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*120.91*	

26 05 36 00-1293 12" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	294.58	115.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.73*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	323.95	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.20*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	366.44	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.32*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.68	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.83*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	514.33	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.72*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	567.38	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.37*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	661.07	262.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.05*	

26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	381.46	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.07*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	419.11	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.96*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	453.92	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.70*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	532.54	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.63*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	604.06	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.20*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	675.86	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.79*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	774.39	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.72*	

26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	408.63	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.43*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	446.66	145.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.33*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	498.92	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.95*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	597.35	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	690.28	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.51*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	778.93	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.95*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	906.01	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.30*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	206.69	83.57
		For 60 Degree Bend, Deduct	*-36.18*	
		For 30 Degree Bend, Deduct	*-64.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.33*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	237.03	100.24
		For 60 Degree Bend, Deduct	*-39.81*	
		For 30 Degree Bend, Deduct	*-71.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.85*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	264.23	114.95
		For 60 Degree Bend, Deduct	*-43.13*	
		For 30 Degree Bend, Deduct	*-78.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.21*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	327.73	145.30
		For 60 Degree Bend, Deduct	*-52.47*	
		For 30 Degree Bend, Deduct	*-95.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.39*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	402.95	177.95
		For 60 Degree Bend, Deduct	*-64.76*	
		For 30 Degree Bend, Deduct	*-117.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.15*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	462.44	204.27
		For 60 Degree Bend, Deduct	*-74.29*	
		For 30 Degree Bend, Deduct	*-135.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.12*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	526.83	239.80
		For 60 Degree Bend, Deduct	*-81.92*	
		For 30 Degree Bend, Deduct	*-149.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.34*	
26 05 36 00-1326		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	234.42	86.21
		For 60 Degree Bend, Deduct	*-44.33*	
		For 30 Degree Bend, Deduct	*-78.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.72*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	274.41	103.92
		For 60 Degree Bend, Deduct	*-50.71*	
		For 30 Degree Bend, Deduct	*-90.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.72*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	303.77	120.01
		For 60 Degree Bend, Deduct	*-54.25*	
		For 30 Degree Bend, Deduct	*-97.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.19*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	367.01	153.24
		For 60 Degree Bend, Deduct	*-62.36*	
		For 30 Degree Bend, Deduct	*-112.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.35*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	446.92	190.37
		For 60 Degree Bend, Deduct	*-74.53*	
		For 30 Degree Bend, Deduct	*-134.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.35*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	523.64	220.83
		For 60 Degree Bend, Deduct	*-88.17*	
		For 30 Degree Bend, Deduct	*-159.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.18*	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	601.54	262.90
		For 60 Degree Bend, Deduct	*-97.75*	
		For 30 Degree Bend, Deduct	*-177.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	270.16	88.97
		For 60 Degree Bend, Deduct	*-55.06*	
		For 30 Degree Bend, Deduct	*-96.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.51*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	304.60	108.06
		For 60 Degree Bend, Deduct	*-59.10*	
		For 30 Degree Bend, Deduct	*-104.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.23*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	336.14	125.42
		For 60 Degree Bend, Deduct	*-62.85*	
		For 30 Degree Bend, Deduct	*-111.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.81*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	410.71	162.32
		For 60 Degree Bend, Deduct	*-73.29*	
		For 30 Degree Bend, Deduct	*-131.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.54*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	511.73	204.27
		For 60 Degree Bend, Deduct	*-90.56*	
		For 30 Degree Bend, Deduct	*-162.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.59*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	581.31	239.80
		For 60 Degree Bend, Deduct	*-99.90*	
		For 30 Degree Bend, Deduct	*-179.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.07*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	683.58	290.25
		For 60 Degree Bend, Deduct	*-114.31*	
		For 30 Degree Bend, Deduct	*-206.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.18*	
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	329.68	114.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.48*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	364.50	131.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.23*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	390.04	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.50*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.73	177.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	501.19	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.06*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	551.40	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.57*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	610.66	262.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.53*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	349.24	119.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.46*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	385.57	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.28*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	414.88	153.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.74*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	485.42	190.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.27*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	546.23	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.31*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.01	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.30*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	684.67	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	439.85	125.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.99*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	477.92	145.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.90*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	521.68	162.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.08*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	601.62	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.08*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	670.86	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.54*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	751.06	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.55*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	844.00	324.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.20*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	521.12	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.06*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	562.90	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.15*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	583.42	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.17*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	658.17	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.91*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	728.88	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.44*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	794.79	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.74*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	916.56	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.83*	
26 05 36 00-1374		**24" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	660.82	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.04*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	714.27	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.71*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	743.53	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.18*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	819.27	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.96*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	911.21	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.56*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	981.84	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.09*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,272.75	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.64*	
26 05 36 00-1382		**36" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	807.17	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.36*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	862.93	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.15*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	924.72	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.24*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,011.64	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,138.19	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.91*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,317.95	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.90*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,513.32	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.67*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	684.47	204.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.22*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	707.94	212.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.40*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	724.49	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.22*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	763.76	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.19*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	811.89	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.59*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	861.54	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.08*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	924.72	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.24*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	950.46	220.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.52*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	973.20	229.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.66*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	997.25	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.86*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,053.22	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.66*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,090.01	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.50*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,155.71	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.79*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,277.77	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.89*	

26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,507.81	239.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.39*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,540.21	250.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.01*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,574.97	262.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.75*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,635.11	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.76*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,676.13	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.81*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,783.61	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.18*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,879.36	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.97*	

26 05 36 00-1414 12" Radius Horizontal Crosses *(26 05 36 00-1293)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	673.23	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.66*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	719.82	290.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.99*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	748.97	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.45*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	829.94	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.50*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	911.54	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.58*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,007.63	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.38*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,147.22	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.36*	

26 05 36 00-1422 24" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	919.70	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.99*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	963.01	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.15*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,009.13	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.46*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,069.71	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.49*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,204.96	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.25*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,298.63	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.93*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,435.48	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.77*	

26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,056.83	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.84*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,114.91	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.75*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,188.40	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.42*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,275.26	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.76*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,538.42	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.92*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,696.49	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.82*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,888.93	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.45*	

26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	673.23	275.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.66*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	719.98	290.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.00*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	748.88	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.44*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	830.15	324.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	911.54	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.58*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,007.93	393.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.40*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,146.35	424.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.32*	
26 05 36 00-1446		**24" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	919.70	306.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.99*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	963.01	324.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.15*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,009.13	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.46*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,069.71	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.49*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,204.96	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.25*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,298.63	459.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.93*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,435.48	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.77*	
26 05 36 00-1454		**36" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,273.76	344.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.69*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,340.87	367.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.04*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,427.93	393.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.40*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,530.61	424.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.53*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,854.78	501.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.74*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,046.73	550.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*102.34*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,278.72	613.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*113.94*	
26 05 36 00-1462		**Dropout Or End Plates And Reducers** *(26 05 36 00-0744)*		
26 05 36 00-1463		**Straight Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1464	EA	9" To 6" Reducer, Aluminum Cable Tray	266.97	84.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.35*	
26 05 36 00-1465	EA	12" To 9" Reducer, Aluminum Cable Tray	281.44	91.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.07*	
26 05 36 00-1466	EA	18" To 12" Reducer, Aluminum Cable Tray	307.87	105.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.39*	
26 05 36 00-1467	EA	24" To 18" Reducer, Aluminum Cable Tray	338.30	122.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.92*	
26 05 36 00-1468	EA	30" To 24" Reducer, Aluminum Cable Tray	366.60	137.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.33*	
26 05 36 00-1469	EA	36" To 30" Reducer, Aluminum Cable Tray	407.75	157.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.39*	
26 05 36 00-1470		**Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1471	EA	18" To 6" Reducer, Aluminum Cable Tray	307.97	106.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1472	EA	24" To 12" Reducer, Aluminum Cable Tray	338.60	122.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.93*	
26 05 36 00-1473	EA	30" To 12" Reducer, Aluminum Cable Tray	366.42	137.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.32*	
26 05 36 00-1474	EA	30" To 18" Reducer, Aluminum Cable Tray	369.02	137.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.45*	
26 05 36 00-1475	EA	36" To 12" Reducer, Aluminum Cable Tray	404.96	157.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.25*	
26 05 36 00-1476	EA	36" To 18" Reducer, Aluminum Cable Tray	414.65	161.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.73*	
26 05 36 00-1477	EA	36" To 24" Reducer, Aluminum Cable Tray	428.84	166.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.44*	

26 05 36 00-1478 Dropout Or End Plate *(26 05 36 00-1462)*

26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	74.08	34.49
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	83.35	39.43
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	89.95	42.42
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	109.36	50.12
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	122.23	55.18
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	138.19	61.27
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	154.98	68.97

26 05 36 00-1486 Solid Bottom Cable Tray *(26 05 36 00-0001)*

Note: 3-5/8" Height.

26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1488	LF	6" Solid Bottom Steel Cable Tray, Straight Section	31.59	8.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.23*	
26 05 36 00-1489	LF	12" Solid Bottom Steel Cable Tray, Straight Section	39.42	11.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.08*	
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	52.29	15.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.20*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	60.55	18.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.05*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	72.53	21.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.21*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	93.35	25.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*9.81*	

26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	317.12	115.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.40*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	410.29	161.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.56*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	501.02	204.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.10*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	613.95	250.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.26*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	717.88	290.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.22*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	807.07	324.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.94*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	377.78	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.70*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	495.85	172.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.61*	
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	608.75	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.52*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	740.73	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.13*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	868.76	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.29*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	981.45	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.94*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	469.39	125.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.55*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	600.48	184.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	758.92	240.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.81*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	899.20	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.84*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,079.27	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.61*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,230.30	423.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.93*	
26 05 36 00-1516		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	285.90	115.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.70*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	375.18	161.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.29*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	460.49	204.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.06*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	564.43	250.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.89*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	659.57	290.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.47*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	739.59	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.92*	
26 05 36 00-1523		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	333.41	119.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.03*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	443.51	172.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.79*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	549.02	221.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.51*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	670.50	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.59*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	787.63	324.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.02*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	889.28	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.12*	
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	404.49	125.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.79*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	498.56	167.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.94*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	669.25	240.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.36*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	802.93	306.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.30*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	962.64	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.12*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,100.98	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.36*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	344.20	114.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.51*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	430.36	161.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.57*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	503.53	204.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.48*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	608.94	250.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.51*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	687.79	290.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.71*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	750.88	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.61*	
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	415.41	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.34*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	523.44	172.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.75*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	623.80	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.77*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	738.22	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.75*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	833.65	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.03*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	933.80	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	502.00	125.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.45*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	607.58	167.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.24*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	758.92	240.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.81*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	904.22	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.59*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,041.64	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.97*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,172.62	423.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.28*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	543.54	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.73*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	649.70	275.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.55*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	766.94	324.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.92*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	910.95	394.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.88*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	996.27	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.66*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,166.49	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.43*	
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	673.08	239.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.99*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	828.98	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.30*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	966.40	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.68*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,245.41	459.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.18*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,357.10	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*120.02*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,587.05	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*135.78*	
26 05 36 00-1572		**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	866.97	262.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.24*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,053.82	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.60*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,229.52	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.64*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,505.08	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.22*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,648.46	552.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*155.16*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,901.97	689.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*170.34*	
26 05 36 00-1579		**12" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	656.40	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.66*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	760.79	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.14*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	816.44	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.42*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	876.28	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.42*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	971.42	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.44*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,079.04	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.07*	
26 05 36 00-1586		**24" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	826.08	239.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.94*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	956.89	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.49*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,043.78	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.09*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,104.35	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,247.08	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.28*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,399.74	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*126.42*	

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,102.07	262.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.57*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,251.96	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.32*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,383.48	393.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*141.91*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,460.27	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*148.26*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,713.25	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*173.45*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,846.16	550.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*185.11*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	670.50	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.59*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	769.45	324.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.30*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	924.50	393.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.06*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,067.33	459.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.46*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,254.24	550.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.32*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,391.42	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.44*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	895.10	306.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.13*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,041.64	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.97*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,245.41	459.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.18*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,535.59	552.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.23*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,687.38	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*150.83*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,851.81	689.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*162.82*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,201.79	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*122.79*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,397.57	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.85*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,673.54	552.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*158.92*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,913.10	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*184.69*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,115.16	689.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*202.32*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,340.58	787.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*219.86*	

26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

26 05 36 00-1622	EA	12" To 6" Reducer, Solid Bottom, Steel Cable Tray	276.18	91.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.10*	
26 05 36 00-1623	EA	18" To 12" Reducer, Solid Bottom, Steel Cable Tray	298.63	103.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.47*	
26 05 36 00-1624	EA	24" To 18" Reducer, Solid Bottom, Steel Cable Tray	330.00	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.54*	
26 05 36 00-1625	EA	30" To 24" Reducer, Solid Bottom, Steel Cable Tray	370.35	137.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.56*	
26 05 36 00-1626	EA	36" To 30" Reducer, Solid Bottom, Steel Cable Tray	400.47	153.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.57*	

26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

26 05 36 00-1628	EA	18" To 6" Reducer, Solid Bottom, Steel Cable Tray	298.74	104.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.48*	
26 05 36 00-1629	EA	24" To 12" Reducer, Solid Bottom, Steel Cable Tray	327.90	120.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1630	EA	30" To 12" Reducer, Solid Bottom, Steel Cable Tray	365.16	137.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.80*	
26 05 36 00-1631	EA	30" To 18" Reducer, Solid Bottom, Steel Cable Tray	367.49	137.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.17*	
26 05 36 00-1632	EA	36" To 12" Reducer, Solid Bottom, Steel Cable Tray	397.96	153.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.19*	
26 05 36 00-1633	EA	36" To 18" Reducer, Solid Bottom, Steel Cable Tray	400.47	153.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.57*	
26 05 36 00-1634	EA	36" To 24" Reducer, Solid Bottom, Steel Cable Tray	403.43	153.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.97*	

26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	83.06	34.49
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	101.98	42.08
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	117.34	49.89
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	132.21	55.18
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	147.24	61.27
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	163.23	68.97

26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	28.15	7.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.01*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	35.21	8.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.87*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	44.94	11.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.89*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	53.63	12.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.02*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	65.60	15.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.22*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	78.25	17.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.86*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	320.89	115.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.96*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	386.82	144.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.87*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	447.97	162.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.16*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	521.40	190.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.46*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	616.69	221.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.66*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	696.85	250.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.70*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	383.38	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.54*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	473.66	153.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.48*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	535.63	172.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.61*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	647.29	204.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.04*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	750.34	239.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.64*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	863.48	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.54*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	481.02	125.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.30*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	597.84	162.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.59*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	694.55	184.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.48*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	783.27	220.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.74*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	908.36	262.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.45*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,060.55	305.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.13*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	292.60	115.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.71*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	354.85	144.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.08*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	408.63	162.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.29*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	475.86	190.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.69*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	562.08	221.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.47*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	634.36	250.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.44*	
26 05 36 00-1678		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	343.11	119.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.48*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	425.47	153.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.28*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	481.60	172.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.44*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	579.79	204.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.92*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	674.19	240.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.10*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	774.68	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.22*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	421.39	125.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.32*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	525.40	162.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.77*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	609.29	184.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.69*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	692.74	221.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.07*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	804.90	262.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.93*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	941.14	306.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.04*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	344.60	114.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.57*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	400.95	144.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.99*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	449.99	162.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.46*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	507.27	190.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.34*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	570.27	221.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.70*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	625.00	250.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.04*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	417.69	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.68*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	491.82	153.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.21*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	541.69	172.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.52*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	617.01	204.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.50*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	691.81	239.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.86*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	782.75	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.43*	
26 05 36 00-1706		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	495.15	125.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.42*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	593.80	162.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.98*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	658.22	184.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.03*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	732.82	220.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.17*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	841.75	262.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	929.36	305.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.45*	

26 05 36 00-1713 12" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	567.78	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.37*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	659.31	250.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.19*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	732.29	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.86*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	816.13	306.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.28*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	963.95	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.32*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,170.02	459.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.87*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	728.69	239.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.33*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	831.19	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.70*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	930.26	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.49*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,127.43	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.84*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,351.67	459.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*126.11*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,493.82	502.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*140.29*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	972.95	262.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.13*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,095.76	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.32*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,250.91	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.16*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,493.26	423.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.38*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,788.99	552.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*176.24*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,991.53	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*196.46*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	652.55	220.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.09*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	708.35	250.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.48*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	740.17	262.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.28*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	782.01	275.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.39*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	861.64	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.20*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	984.13	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.34*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	819.51	239.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.96*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	903.85	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.60*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	958.12	290.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.34*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,025.12	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.72*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,139.90	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.51*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,301.52	423.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.62*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,093.38	262.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*120.27*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,190.41	302.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,266.80	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*136.00*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,321.55	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*140.76*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,463.46	393.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.91*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	924.23	501.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.09*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	672.02	250.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.03*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	746.42	275.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.98*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	867.17	324.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.06*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,027.50	393.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.51*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,125.92	423.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.28*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,302.07	502.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*111.52*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	904.58	276.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.63*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,025.12	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.72*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,171.84	367.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.50*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,444.55	461.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*139.84*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,584.64	502.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.91*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,799.79	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*167.70*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,267.32	306.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*139.05*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,392.19	344.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*151.35*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,616.09	424.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*171.63*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,910.09	552.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*194.40*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,092.44	613.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*211.59*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,400.90	689.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*245.18*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

26 05 36 00-1777	EA	12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	256.61	78.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.34*	
26 05 36 00-1778	EA	18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	282.20	91.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.03*	
26 05 36 00-1779	EA	24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	310.48	103.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.25*	
26 05 36 00-1780	EA	30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	349.21	119.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.40*	
26 05 36 00-1781	EA	36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray	386.97	137.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.09*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	280.26	91.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.73*	
26 05 36 00-1784	EA	24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	308.78	104.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.96*	
26 05 36 00-1785	EA	30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	345.03	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.78*	
26 05 36 00-1786	EA	30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	346.92	119.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.08*	
26 05 36 00-1787	EA	36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	386.97	137.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.09*	
26 05 36 00-1788	EA	36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	388.99	137.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.39*	
26 05 36 00-1789	EA	36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	393.38	137.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1790		**Dropout Or End Plate** *(26 05 36 00-1649)*		
26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	83.01	34.49
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	98.99	42.08
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	117.74	49.89
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	130.01	55.18
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	146.49	61.27
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	166.42	68.97
26 05 36 00-1797		**Vented Bottom Cable Tray** *(26 05 36 00-0001)*		
		Note: 6" Height.		
26 05 36 00-1798		**Vented Bottom Galvanized Steel Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	40.52	12.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.05*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	47.78	13.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.63*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	56.34	15.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.31*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	64.66	18.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.95*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	85.87	21.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.75*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	101.14	27.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.81*	
26 05 36 00-1805		**Vented Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1806		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	367.48	145.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.64*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	476.50	196.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.27*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	588.77	250.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.99*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	722.26	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.66*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	814.93	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.70*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	934.14	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.53*	
26 05 36 00-1813		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	440.34	153.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.27*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	567.17	212.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.02*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	717.58	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.77*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	865.34	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.80*	
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	928.87	356.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.20*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,155.34	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.22*	
26 05 36 00-1820		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	546.35	161.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.14*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	700.03	230.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.82*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	890.97	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.53*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,056.83	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.88*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,216.27	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.31*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,419.62	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.05*	
26 05 36 00-1827		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	340.11	145.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.90*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	443.76	196.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.99*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	550.54	250.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.20*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	674.95	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	762.35	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.44*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	871.81	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.37*	
26 05 36 00-1834		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	399.84	153.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.21*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	520.26	212.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.33*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	661.60	276.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.13*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	801.41	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.40*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	919.00	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.02*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,069.77	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.66*	
26 05 36 00-1841		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	486.04	162.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.09*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	629.42	229.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.81*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	807.46	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.18*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	970.18	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.14*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,117.29	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.41*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,312.25	552.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.17*	
26 05 36 00-1848		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	403.19	144.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.24*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	508.13	196.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.43*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	600.49	250.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.16*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	719.91	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.42*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	789.16	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.12*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	881.08	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.30*	
26 05 36 00-1855		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	487.20	153.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.96*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	599.97	212.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.30*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	731.64	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.17*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	855.96	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.86*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	972.47	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.44*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,096.76	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.36*	
26 05 36 00-1862		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	583.84	161.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.89*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	716.44	230.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.46*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	881.60	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.59*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,052.14	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.41*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,171.75	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.86*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,368.07	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.90*	
26 05 36 00-1869		**12" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	649.63	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	784.53	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.77*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	896.64	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.78*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,042.87	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.97*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,151.76	501.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.41*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,264.97	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.59*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	824.45	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.92*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	998.25	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.02*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,148.31	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.51*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,414.94	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.59*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,561.68	613.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.03*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,744.73	689.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.00*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,024.68	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.73*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,279.54	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.64*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,481.15	552.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.06*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,824.40	689.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-124.96*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,032.98	791.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-137.38*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,372.22	917.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.79*	

26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	776.16	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.63*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	895.80	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.84*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	940.82	367.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.44*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,002.94	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.49*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,075.74	424.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.18*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,210.34	501.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.26*	

26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	934.58	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.94*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,101.35	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.33*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,174.15	424.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.02*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,267.82	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.46*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,362.66	501.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.50*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,594.49	613.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.31*	

26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,248.49	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.17*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,457.63	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.45*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,550.12	501.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.24*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,682.68	552.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.21*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,901.46	613.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-139.01*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,202.71	787.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-154.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	818.47	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.11*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	903.67	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.49*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,040.52	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.73*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,206.38	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.73*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,342.46	611.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.29*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,512.75	689.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.80*	

26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,039.58	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.08*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,167.06	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.39*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,358.70	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.96*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,709.58	689.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.48*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,930.89	787.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-127.48*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,184.76	917.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-142.04*	

26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,410.76	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.76*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,598.32	552.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.78*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,840.81	689.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.60*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,368.68	922.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.03*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,756.09	1,105.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-183.50*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,283.27	1,379.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-213.37*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

26 05 36 00-1933	EA	12" To 6" Reducer, Vented Bottom, Steel Cable Tray	314.10	117.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.62*	
26 05 36 00-1934	EA	18" To 12" Reducer, Vented Bottom, Steel Cable Tray	341.73	131.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.24*	
26 05 36 00-1935	EA	24" To 18" Reducer, Vented Bottom, Steel Cable Tray	386.22	153.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.87*	
26 05 36 00-1936	EA	30" To 24" Reducer, Vented Bottom, Steel Cable Tray	423.29	172.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.96*	
26 05 36 00-1937	EA	36" To 30" Reducer, Vented Bottom, Steel Cable Tray	461.79	189.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.35*	

26 05 36 00-1938 Reducers *(26 05 36 00-1805)*

26 05 36 00-1939	EA	18" To 6" Reducer, Vented Bottom, Steel Cable Tray	341.73	131.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.24*	
26 05 36 00-1940	EA	24" To 12" Reducer, Vented Bottom, Steel Cable Tray	384.33	153.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.66*	
26 05 36 00-1941	EA	30" To 12" Reducer, Vented Bottom, Steel Cable Tray	420.66	172.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.71*	
26 05 36 00-1942	EA	30" To 18" Reducer, Vented Bottom, Steel Cable Tray	422.72	172.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.93*	
26 05 36 00-1943	EA	36" To 12" Reducer, Vented Bottom, Steel Cable Tray	459.45	189.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.12*	
26 05 36 00-1944	EA	36" To 18" Reducer, Vented Bottom, Steel Cable Tray	461.79	189.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.35*	
26 05 36 00-1945	EA	36" To 24" Reducer, Vented Bottom, Steel Cable Tray	464.83	190.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.62*	

26 05 36 00-1946 Dropout Or End Plate *(26 05 36 00-1805)*

26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	98.94	42.42
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	117.45	49.77
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	129.42	54.95
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	145.67	61.27
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	161.45	68.86
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	188.79	82.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1953 Vented Bottom Aluminum Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	38.92	8.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.14*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	43.24	9.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.50*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	48.37	11.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.92*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	56.50	12.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.62*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	65.02	13.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.37*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	83.08	15.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.00*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	92.16	18.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.68*	

26 05 36 00-1961 Vented Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1962 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	436.40	145.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.53*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	474.11	157.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.26*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	521.22	177.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.32*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	589.94	196.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.59*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	704.37	240.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.42*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	835.05	276.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.48*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	919.65	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.40*	

26 05 36 00-1970 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	536.80	153.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.92*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	646.65	190.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.81*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	734.06	212.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.71*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	871.05	262.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.23*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,005.13	305.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.04*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,109.77	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.24*	

26 05 36 00-1977 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	666.87	161.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.20*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	794.25	204.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.38*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	898.98	230.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.71*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,046.97	290.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.51*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,130.53	281.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.61*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,374.16	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-104.61*	

26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	393.87	145.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.27*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	427.89	157.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.63*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	471.67	177.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.37*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	531.96	196.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.81*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	636.90	239.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.71*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	752.66	276.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.24*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	828.92	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1992		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	475.08	153.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.74*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	574.17	190.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.56*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	650.86	212.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.37*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	776.32	262.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.73*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	897.91	306.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.22*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	992.07	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.47*	
26 05 36 00-1999		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	580.04	162.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.49*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	693.71	204.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.37*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	785.62	230.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.38*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	923.89	290.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.16*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,057.35	324.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.67*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,217.69	394.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.89*	
26 05 36 00-2006		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	478.03	144.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.73*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	512.83	157.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.17*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	549.38	177.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.14*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	589.94	196.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.59*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	690.29	240.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.02*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	764.66	276.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.44*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	817.37	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.21*	
26 05 36 00-2014		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	573.40	153.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.58*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	663.54	190.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.49*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	731.25	212.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.43*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	821.04	262.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.20*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	913.11	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.79*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	997.14	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.98*	
26 05 36 00-2021		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	664.05	161.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.91*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	763.28	204.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.28*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	856.74	230.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.49*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	996.28	290.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.44*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,104.37	324.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.38*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,236.18	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.81*	
26 05 36 00-2028		**12" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	755.48	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.56*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	787.92	290.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.60*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	839.00	305.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	958.87	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.09*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,095.39	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.73*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,236.60	459.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.34*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,370.42	501.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.27*	

26 05 36 00-2036 24" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	960.98	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.58*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,086.10	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.93*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,219.29	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.12*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,468.27	458.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.61*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,681.37	552.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.08*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,909.71	613.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-139.83*	

26 05 36 00-2043 36" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,298.43	344.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.10*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,486.79	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-115.87*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,583.35	384.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.33*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,016.32	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-155.72*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,322.70	692.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-174.56*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,663.84	787.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-200.77*	

26 05 36 00-2050 12" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	865.29	275.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.54*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	892.10	290.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.02*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	949.71	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.45*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	983.29	324.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.27*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,026.97	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.02*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,085.81	367.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.94*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,198.87	423.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.58*	

26 05 36 00-2058 24" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,084.87	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.96*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,193.10	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.63*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,274.47	367.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.81*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,360.08	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.20*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,466.37	423.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.33*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,612.20	502.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.33*	

26 05 36 00-2065 36" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,460.61	344.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.38*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,599.42	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-127.14*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,677.56	423.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.45*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,810.25	461.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-142.60*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,964.18	502.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-154.53*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,201.72	611.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-169.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	879.32	306.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.41*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	935.42	324.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.48*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	981.39	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.34*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,081.31	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.32*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,237.37	458.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.52*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,407.42	499.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.09*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,715.42	613.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.41*	
26 05 36 00-2080		**24" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,237.63	345.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.97*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,379.79	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.17*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,544.30	458.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.21*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,819.21	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-136.01*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,990.54	611.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-148.10*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,410.42	787.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-175.43*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,740.21	393.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-141.21*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,922.89	461.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-153.87*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,171.19	550.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-171.21*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,604.28	692.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-202.72*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,895.13	791.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-223.60*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,358.91	917.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-259.46*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2095	EA	9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	333.57	91.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.69*	
26 05 36 00-2096	EA	12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	350.11	96.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.94*	
26 05 36 00-2097	EA	18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	394.20	114.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.85*	
26 05 36 00-2098	EA	24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	435.36	131.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.61*	
26 05 36 00-2099	EA	30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	477.90	153.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.02*	
26 05 36 00-2100	EA	36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray	517.71	172.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.43*	
26 05 36 00-2101		**Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2102	EA	12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	349.84	96.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.93*	
26 05 36 00-2103	EA	18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	394.08	114.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.84*	
26 05 36 00-2104	EA	18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	394.08	114.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.84*	
26 05 36 00-2105	EA	24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	435.53	131.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.62*	
26 05 36 00-2106	EA	24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	435.53	131.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.62*	
26 05 36 00-2107	EA	24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	435.87	131.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.63*	
26 05 36 00-2108	EA	30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	483.30	153.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.57*	
26 05 36 00-2109	EA	30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	477.45	153.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.00*	
26 05 36 00-2110	EA	36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	517.71	172.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.43*	
26 05 36 00-2111	EA	36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	517.71	172.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2112	EA	36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	518.28	172.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.46*	
26 05 36 00-2113		**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	107.59	42.42
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	117.40	46.32
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	126.53	49.77
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	144.09	54.95
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	165.56	61.27
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	182.40	68.86
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	208.84	78.86
26 05 36 00-2121		**Cable Tray Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122		**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123		**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	10.88	2.07
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	13.16	2.42
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	15.49	2.76
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	21.00	3.68
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	26.57	4.95
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	32.23	6.09
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	140.37	69.09
26 05 36 00-2131		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	67.37	7.36
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	75.30	8.62
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	81.42	10.24
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	110.87	13.11
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	135.64	16.67
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	164.33	18.50
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	198.52	22.07
26 05 36 00-2139		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	104.95	8.16
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	109.60	9.54
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	123.49	11.50
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	153.13	14.60
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	187.70	18.39
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	241.55	21.15
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	280.86	25.06
26 05 36 00-2147		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	148.82	9.19
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	165.33	10.58
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	178.88	13.11
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	227.07	15.29
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	274.37	21.26
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	323.54	24.02
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	378.66	27.59
26 05 36 00-2155		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	51.44	7.36
		For 60 Degree Bend, Deduct	*-14.14*	
		For 30 Degree Bend, Deduct	*-23.98*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	61.24	8.62
		For 60 Degree Bend, Deduct	*-16.90*	
		For 30 Degree Bend, Deduct	*-28.65*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	68.53	10.24
		For 60 Degree Bend, Deduct	*-18.71*	
		For 30 Degree Bend, Deduct	*-31.75*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	82.97	12.53
		For 60 Degree Bend, Deduct	*-22.58*	
		For 30 Degree Bend, Deduct	*-38.33*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	96.87	14.48
		For 60 Degree Bend, Deduct	*-26.39*	
		For 30 Degree Bend, Deduct	*-44.80*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	113.41	16.67
		For 60 Degree Bend, Deduct	*-31.01*	
		For 30 Degree Bend, Deduct	*-52.62*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	126.73	18.39
		For 60 Degree Bend, Deduct	*-34.77*	
		For 30 Degree Bend, Deduct	*-58.97*	
26 05 36 00-2163		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	70.98	8.16
		For 60 Degree Bend, Deduct	*-20.30*	
		For 30 Degree Bend, Deduct	*-34.29*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	80.31	9.54
		For 60 Degree Bend, Deduct	*-22.85*	
		For 30 Degree Bend, Deduct	*-38.62*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	91.85	11.50
		For 60 Degree Bend, Deduct	*-25.89*	
		For 30 Degree Bend, Deduct	*-43.79*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	106.22	13.80
		For 60 Degree Bend, Deduct	*-29.76*	
		For 30 Degree Bend, Deduct	*-50.36*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	122.39	15.75
		For 60 Degree Bend, Deduct	*-34.34*	
		For 30 Degree Bend, Deduct	*-58.10*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	152.58	18.39
		For 60 Degree Bend, Deduct	*-43.28*	
		For 30 Degree Bend, Deduct	*-73.16*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	168.97	21.26
		For 60 Degree Bend, Deduct	*-47.62*	
		For 30 Degree Bend, Deduct	*-80.54*	
26 05 36 00-2171		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	98.47	9.19
		For 60 Degree Bend, Deduct	*-28.98*	
		For 30 Degree Bend, Deduct	*-48.81*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	111.43	10.58
		For 60 Degree Bend, Deduct	*-32.70*	
		For 30 Degree Bend, Deduct	*-55.09*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	124.92	13.11
		For 60 Degree Bend, Deduct	*-36.21*	
		For 30 Degree Bend, Deduct	*-61.07*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	142.62	14.60
		For 60 Degree Bend, Deduct	*-41.48*	
		For 30 Degree Bend, Deduct	*-69.94*	
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	173.80	17.82
		For 60 Degree Bend, Deduct	*-50.53*	
		For 30 Degree Bend, Deduct	*-85.20*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	192.40	21.26
		For 60 Degree Bend, Deduct	*-55.35*	
		For 30 Degree Bend, Deduct	*-93.43*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	228.15	22.99
		For 60 Degree Bend, Deduct	*-66.47*	
		For 30 Degree Bend, Deduct	*-112.06*	
26 05 36 00-2179		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	58.20	7.36
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	61.24	8.62
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	67.36	10.24
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	78.32	12.53
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	85.62	16.21
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	95.20	18.50
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	119.94	22.07
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	69.80	8.16
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	77.97	9.54
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	83.65	11.50
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	108.52	13.80
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	125.72	17.82
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	144.32	21.26
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	166.04	25.06
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	80.86	9.19
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	100.89	10.58
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	115.61	13.11
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	142.61	14.60
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	165.21	20.35
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	197.00	24.02
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	231.03	27.59
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	103.19	11.95
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	108.52	13.80
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	123.02	16.21
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	147.89	18.39
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	183.03	21.26
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	224.40	30.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	269.72	36.67
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	152.12	12.53
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	174.24	14.60
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	183.37	17.24
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	232.05	19.77
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	342.85	22.99
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	404.33	34.49
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	452.65	42.42
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	258.51	13.11
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	266.88	15.29
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	297.82	18.39
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	349.46	21.26
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	454.27	25.06
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	513.42	39.55
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	591.84	50.00
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	151.20	16.21
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	159.96	17.24
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	177.19	18.39
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	208.80	21.26
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	261.86	30.58
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	302.46	36.67
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	346.83	39.43
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	265.44	17.24
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	288.46	18.39
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	309.38	19.77
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	368.62	22.99
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	460.52	34.49
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	525.21	42.42
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	587.32	45.87
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	426.70	18.39
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	442.94	19.77
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	466.62	21.26
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	538.63	25.06
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	698.50	39.43
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	763.26	50.24
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	818.38	55.18
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9" To 6" Reducer, Steel Cable Tray Covers	67.10	8.62
26 05 36 00-2253	EA	12" To 6" Reducer, Steel Cable Tray Covers	72.08	10.24
26 05 36 00-2254	EA	12" To 9" Reducer, Steel Cable Tray Covers	72.08	10.24
26 05 36 00-2255	EA	18" To 6" Reducer, Steel Cable Tray Covers	79.48	12.53
26 05 36 00-2256	EA	18" To 12" Reducer, Steel Cable Tray Covers	79.48	12.53
26 05 36 00-2257	EA	24" To 12" Reducer, Steel Cable Tray Covers	97.97	13.80
26 05 36 00-2258	EA	24" To 18" Reducer, Steel Cable Tray Covers	105.00	13.80
26 05 36 00-2259	EA	30" To 12" Reducer, Steel Cable Tray Covers	101.28	15.75
26 05 36 00-2260	EA	30" To 18" Reducer, Steel Cable Tray Covers	108.31	15.75
26 05 36 00-2261	EA	30" To 24" Reducer, Steel Cable Tray Covers	113.00	15.75
26 05 36 00-2262	EA	36" To 12" Reducer, Steel Cable Tray Covers	117.72	17.24
26 05 36 00-2263	EA	36" To 18" Reducer, Steel Cable Tray Covers	120.07	17.24
26 05 36 00-2264	EA	36" To 24" Reducer, Steel Cable Tray Covers	122.41	17.24
26 05 36 00-2265	EA	36" To 30" Reducer, Steel Cable Tray Covers	123.58	17.24
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	11.91	2.07
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	14.22	2.42
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	16.72	2.76
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	22.24	3.68
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	28.55	4.95
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	32.38	6.09
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	138.74	69.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	67.28	7.36
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	71.74	8.62
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	79.13	10.24
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	103.10	13.11
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	130.64	16.67
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	153.86	18.50
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	187.42	22.07
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	88.86	8.16
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	109.09	9.54
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	122.00	11.50
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	146.16	14.60
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	181.29	18.39
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	219.40	21.15
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	268.94	25.06
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	144.33	9.19
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	158.73	10.58
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	182.03	13.11
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	216.78	15.29
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	267.23	21.26
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	307.72	24.02
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	359.05	27.59
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	52.95	7.36
		For 60 Degree Bend, Deduct	*-14.64*	
		For 30 Degree Bend, Deduct	*-24.81*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	56.20	8.62
		For 60 Degree Bend, Deduct	*-15.24*	
		For 30 Degree Bend, Deduct	*-25.88*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	63.83	10.24
		For 60 Degree Bend, Deduct	*-17.16*	
		For 30 Degree Bend, Deduct	*-29.16*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	74.65	12.53
		For 60 Degree Bend, Deduct	*-19.83*	
		For 30 Degree Bend, Deduct	*-33.75*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	83.99	14.48
		For 60 Degree Bend, Deduct	*-22.14*	
		For 30 Degree Bend, Deduct	*-37.71*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	103.18	16.67
		For 60 Degree Bend, Deduct	*-27.64*	
		For 30 Degree Bend, Deduct	*-46.99*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	121.49	18.39
		For 60 Degree Bend, Deduct	*-33.04*	
		For 30 Degree Bend, Deduct	*-56.09*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	60.78	8.16
		For 60 Degree Bend, Deduct	*-16.94*	
		For 30 Degree Bend, Deduct	*-28.68*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	75.63	9.54
		For 60 Degree Bend, Deduct	*-21.31*	
		For 30 Degree Bend, Deduct	*-36.04*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	81.36	11.50
		For 60 Degree Bend, Deduct	*-22.43*	
		For 30 Degree Bend, Deduct	*-38.02*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	98.33	13.80
		For 60 Degree Bend, Deduct	*-27.15*	
		For 30 Degree Bend, Deduct	*-46.02*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	119.54	15.75
		For 60 Degree Bend, Deduct	*-33.39*	
		For 30 Degree Bend, Deduct	*-56.54*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	138.30	18.39
		For 60 Degree Bend, Deduct	*-38.57*	
		For 30 Degree Bend, Deduct	*-65.31*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	159.70	21.26
		For 60 Degree Bend, Deduct	*-44.56*	
		For 30 Degree Bend, Deduct	*-75.45*	
26 05 36 00-2315		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	96.55	9.19
		For 60 Degree Bend, Deduct	*-28.35*	
		For 30 Degree Bend, Deduct	*-47.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	106.14	10.58
		For 60 Degree Bend, Deduct	*-30.96*	
		For 30 Degree Bend, Deduct	*-52.18*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	115.04	13.11
		For 60 Degree Bend, Deduct	*-32.94*	
		For 30 Degree Bend, Deduct	*-55.64*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	136.63	14.60
		For 60 Degree Bend, Deduct	*-39.50*	
		For 30 Degree Bend, Deduct	*-66.65*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	165.94	17.82
		For 60 Degree Bend, Deduct	*-47.93*	
		For 30 Degree Bend, Deduct	*-80.88*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	190.77	21.26
		For 60 Degree Bend, Deduct	*-54.81*	
		For 30 Degree Bend, Deduct	*-92.53*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	215.23	22.99
		For 60 Degree Bend, Deduct	*-62.21*	
		For 30 Degree Bend, Deduct	*-104.96*	

26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	59.12	7.36
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	61.58	8.62
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	68.37	10.24
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	80.67	12.53
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	89.19	16.21
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	94.10	18.50
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	113.24	22.07

26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	67.34	8.16
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	74.43	9.54
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	82.55	11.50
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	99.48	13.80
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	113.31	17.82
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	142.93	21.26
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	158.98	25.06

26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	77.40	9.19
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	94.19	10.58
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	110.32	13.11
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	131.84	14.60
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	160.68	20.35
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	200.15	24.02
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	218.02	27.59

26 05 36 00-2347 12" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	96.49	11.95
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	104.26	13.80
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	117.78	16.21
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	138.30	18.39
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	171.65	21.26
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	211.15	30.58
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	254.79	36.67

26 05 36 00-2355 24" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	145.20	12.53
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	162.91	14.60
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	184.08	17.24
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	214.54	19.77
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	327.45	22.99
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	377.83	34.49
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	426.87	42.42

26 05 36 00-2363 36" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	248.93	13.11
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	257.39	15.29
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	286.46	18.39
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	324.69	21.26
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	409.97	25.06
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	479.38	39.55
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	549.47	50.00

26 05 36 00-2371 12" Radius Horizontal Crosses *(26 05 36 00-2266)*

26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	144.14	16.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	153.04	17.24
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	169.37	18.39
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	202.73	21.26
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	244.58	30.58
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	290.58	36.67
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	330.97	39.43
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	258.25	17.24
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	276.91	18.39
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	298.20	19.77
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	346.58	22.99
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	425.60	34.49
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	500.88	42.42
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	542.60	45.87
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	398.81	18.39
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	417.72	19.77
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	448.99	21.26
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	496.02	25.06
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	627.55	39.43
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	729.11	50.24
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	797.12	55.18
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9" To 6" Reducer, Aluminum Cable Tray Covers	72.94	8.62
26 05 36 00-2397	EA	12" To 6" Reducer, Aluminum Cable Tray Covers	77.96	10.24
26 05 36 00-2398	EA	12" To 9" Reducer, Aluminum Cable Tray Covers	77.96	10.24
26 05 36 00-2399	EA	18" To 6" Reducer, Aluminum Cable Tray Covers	87.82	12.53
26 05 36 00-2400	EA	18" To 12" Reducer, Aluminum Cable Tray Covers	87.82	12.53
26 05 36 00-2401	EA	24" To 12" Reducer, Aluminum Cable Tray Covers	97.09	13.80
26 05 36 00-2402	EA	24" To 18" Reducer, Aluminum Cable Tray Covers	106.61	13.80
26 05 36 00-2403	EA	30" To 12" Reducer, Aluminum Cable Tray Covers	112.35	15.75
26 05 36 00-2404	EA	30" To 18" Reducer, Aluminum Cable Tray Covers	115.91	15.75
26 05 36 00-2405	EA	30" To 24" Reducer, Aluminum Cable Tray Covers	118.35	15.75
26 05 36 00-2406	EA	36" To 12" Reducer, Aluminum Cable Tray Covers	124.29	17.24
26 05 36 00-2407	EA	36" To 18" Reducer, Aluminum Cable Tray Covers	126.69	17.24
26 05 36 00-2408	EA	36" To 24" Reducer, Aluminum Cable Tray Covers	127.88	17.24
26 05 36 00-2409	EA	36" To 30" Reducer, Aluminum Cable Tray Covers	129.08	17.24
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	11.04	2.76
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	13.04	2.99
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	16.18	3.45
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	64.50	19.77
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	73.75	20.46
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	77.58	21.26
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	89.50	22.07
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	84.82	22.07
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	92.17	22.99
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	107.96	24.02
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	134.41	25.06
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	106.29	25.06
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	118.77	26.32
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	133.85	27.59
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	170.25	29.08
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	74.33	20.46
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	82.27	21.26
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	89.50	22.07
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	102.71	22.99
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	102.71	22.99
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	120.84	24.02
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	133.24	25.06
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	165.64	26.32
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	114.98	24.02
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	127.38	25.06
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	151.58	26.32
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	192.44	27.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	82.21	22.99
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	89.21	24.02
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	98.09	25.06
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	114.09	26.32
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	104.44	24.02
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	122.69	25.06
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	136.35	26.32
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	167.83	27.59
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	116.83	25.06
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	136.35	26.32
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	167.83	27.59
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	205.40	29.08
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	72.93	16.67
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	81.08	18.39
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	98.47	20.46
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	10.94	2.64
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	12.96	2.87
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	16.05	3.22
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	57.92	19.09
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	63.75	19.77
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	70.17	20.46
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	81.14	21.26
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	78.85	21.26
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	87.10	22.07
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	101.17	22.99
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	125.77	24.02
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	106.33	24.02
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	127.62	25.06
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	154.71	26.32
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	191.21	27.59
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	69.81	19.77
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	76.91	20.46
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	84.57	21.26
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	95.10	22.07
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	93.96	22.07
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	109.17	22.99
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	123.48	24.02
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	156.20	25.06
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	127.47	22.99
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	154.35	24.02
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	181.36	25.06
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	219.90	26.32
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	77.26	22.07
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	86.30	22.99
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	90.32	24.02
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	101.31	25.06
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	97.73	22.99
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	121.19	24.02
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	131.05	25.06
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	165.01	26.32
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	130.34	24.02
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	163.07	25.06
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	186.73	26.32
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	217.51	27.59
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	67.95	15.75
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	74.48	17.24
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	92.34	19.09
26 05 36 00-2506		**Cable Tray Wall Brackets** *(26 05 36 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Cable Tray Wall Bracket	89.35	22.99
26 05 36 00-2509	EA	9" Wide Cable Tray Wall Bracket	92.54	24.02
26 05 36 00-2510	EA	12" Wide Cable Tray Wall Bracket	101.68	25.06
26 05 36 00-2511	EA	18" Wide Cable Tray Wall Bracket	108.00	26.32
26 05 36 00-2512	EA	24" Wide Cable Tray Wall Bracket	117.49	27.59
26 05 36 00-2513	EA	30" Wide Cable Tray Wall Bracket	140.33	29.08
26 05 36 00-2514	EA	36" Wide Cable Tray Wall Bracket	168.47	31.04
26 05 36 00-2515		**Fiberglass Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2516		**Ladder Bottom Fiberglass Cable Tray** *(26 05 36 00-2515)*		
		Note: Excludes hangers and support system.		
26 05 36 00-2517		**Straight Tray Sections** *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.75	3.10
		For 9" Rung Spacing, Add	*0.32*	
		For 6" Rung Spacing, Add	*1.37*	
		For 4" Rung Spacing, Add	*2.52*	
		For 18" Rung Spacing, Deduct	*-0.23*	
		For Solid Bottom, Add	*3.44*	
		For Vented Trough Bottom, Add	*4.24*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	15.20	3.79
		For 9" Rung Spacing, Add	*0.33*	
		For 6" Rung Spacing, Add	*1.42*	
		For 4" Rung Spacing, Add	*2.60*	
		For 18" Rung Spacing, Deduct	*-0.24*	
		For Solid Bottom, Add	*3.70*	
		For Vented Trough Bottom, Add	*4.50*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	16.60	4.60
		For 9" Rung Spacing, Add	*0.34*	
		For 6" Rung Spacing, Add	*1.46*	
		For 4" Rung Spacing, Add	*2.67*	
		For 18" Rung Spacing, Deduct	*-0.24*	
		For Solid Bottom, Add	*3.95*	
		For Vented Trough Bottom, Add	*4.75*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	19.63	6.09
		For 9" Rung Spacing, Add	*0.37*	
		For 6" Rung Spacing, Add	*1.57*	
		For 4" Rung Spacing, Add	*2.87*	
		For 18" Rung Spacing, Deduct	*-0.26*	
		For Solid Bottom, Add	*4.51*	
		For Vented Trough Bottom, Add	*5.32*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	22.65	7.71
		For 9" Rung Spacing, Add	*0.39*	
		For 6" Rung Spacing, Add	*1.67*	
		For 4" Rung Spacing, Add	*3.07*	
		For 18" Rung Spacing, Deduct	*-0.28*	
		For Solid Bottom, Add	*5.07*	
		For Vented Trough Bottom, Add	*5.90*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	24.73	8.39
		For 9" Rung Spacing, Add	*0.42*	
		For 6" Rung Spacing, Add	*1.81*	
		For 4" Rung Spacing, Add	*3.32*	
		For 18" Rung Spacing, Deduct	*-0.30*	
		For Solid Bottom, Add	*5.52*	
		For Vented Trough Bottom, Add	*6.42*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	26.88	9.19
		For 9" Rung Spacing, Add	*0.46*	
		For 6" Rung Spacing, Add	*1.96*	
		For 4" Rung Spacing, Add	*3.60*	
		For 18" Rung Spacing, Deduct	*-0.33*	
		For Solid Bottom, Add	*5.99*	
		For Vented Trough Bottom, Add	*6.96*	
26 05 36 00-2525		**90 Degree Horizontal Elbows** *(26 05 36 00-2516)*		
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	71.50	22.99
		For 9" Rung Spacing, Add	*1.30*	
		For 6" Rung Spacing, Add	*5.55*	
		For 4" Rung Spacing, Add	*10.18*	
		For 18" Rung Spacing, Deduct	*-0.93*	
		For Solid Bottom, Add	*16.28*	
		For Vented Trough Bottom, Add	*19.12*	
		For 60 Degree Bend, Deduct	*-15.66*	
		For 45 Degree Bend, Deduct	*-21.46*	
		For 30 Degree Bend, Deduct	*-27.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	79.37	26.78
		For 9" Rung Spacing, Add	*1.37*	
		For 6" Rung Spacing, Add	*5.87*	
		For 4" Rung Spacing, Add	*10.76*	
		For 18" Rung Spacing, Deduct	*-0.98*	
		For Solid Bottom, Add	*17.78*	
		For Vented Trough Bottom, Add	*20.68*	
		For 60 Degree Bend, Deduct	*-16.94*	
		For 45 Degree Bend, Deduct	*-23.26*	
		For 30 Degree Bend, Deduct	*-29.57*	
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	91.84	33.68
		For 9" Rung Spacing, Add	*1.44*	
		For 6" Rung Spacing, Add	*6.19*	
		For 4" Rung Spacing, Add	*11.35*	
		For 18" Rung Spacing, Deduct	*-1.03*	
		For Solid Bottom, Add	*19.97*	
		For Vented Trough Bottom, Add	*22.83*	
		For 60 Degree Bend, Deduct	*-18.67*	
		For 45 Degree Bend, Deduct	*-25.74*	
		For 30 Degree Bend, Deduct	*-32.81*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	108.31	40.69
		For 9" Rung Spacing, Add	*1.66*	
		For 6" Rung Spacing, Add	*7.11*	
		For 4" Rung Spacing, Add	*13.03*	
		For 18" Rung Spacing, Deduct	*-1.18*	
		For Solid Bottom, Add	*23.36*	
		For Vented Trough Bottom, Add	*26.57*	
		For 60 Degree Bend, Deduct	*-21.73*	
		For 45 Degree Bend, Deduct	*-29.99*	
		For 30 Degree Bend, Deduct	*-38.25*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	122.23	46.78
		For 9" Rung Spacing, Add	*1.82*	
		For 6" Rung Spacing, Add	*7.82*	
		For 4" Rung Spacing, Add	*14.33*	
		For 18" Rung Spacing, Deduct	*-1.30*	
		For Solid Bottom, Add	*26.15*	
		For Vented Trough Bottom, Add	*29.61*	
		For 60 Degree Bend, Deduct	*-24.21*	
		For 45 Degree Bend, Deduct	*-33.44*	
		For 30 Degree Bend, Deduct	*-42.68*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	134.60	49.89
		For 9" Rung Spacing, Add	*2.10*	
		For 6" Rung Spacing, Add	*8.98*	
		For 4" Rung Spacing, Add	*16.47*	
		For 18" Rung Spacing, Deduct	*-1.50*	
		For Solid Bottom, Add	*29.17*	
		For Vented Trough Bottom, Add	*33.29*	
		For 60 Degree Bend, Deduct	*-27.23*	
		For 45 Degree Bend, Deduct	*-37.56*	
		For 30 Degree Bend, Deduct	*-47.88*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	149.25	53.69
		For 9" Rung Spacing, Add	*2.41*	
		For 6" Rung Spacing, Add	*10.32*	
		For 4" Rung Spacing, Add	*18.91*	
		For 18" Rung Spacing, Deduct	*-1.72*	
		For Solid Bottom, Add	*32.70*	
		For Vented Trough Bottom, Add	*37.57*	
		For 60 Degree Bend, Deduct	*-30.74*	
		For 45 Degree Bend, Deduct	*-42.33*	
		For 30 Degree Bend, Deduct	*-53.92*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	110.16	22.99
		For 9" Rung Spacing, Add	*2.65*	
		For 6" Rung Spacing, Add	*11.35*	
		For 4" Rung Spacing, Add	*20.81*	
		For 18" Rung Spacing, Deduct	*-1.89*	
		For Solid Bottom, Add	*27.88*	
		For Vented Trough Bottom, Add	*34.58*	
		For 60 Degree Bend, Deduct	*-28.42*	
		For 45 Degree Bend, Deduct	*-38.47*	
		For 30 Degree Bend, Deduct	*-48.52*	
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	116.98	26.78
		For 9" Rung Spacing, Add	*2.69*	
		For 6" Rung Spacing, Add	*11.51*	
		For 4" Rung Spacing, Add	*21.11*	
		For 18" Rung Spacing, Deduct	*-1.92*	
		For Solid Bottom, Add	*29.06*	
		For Vented Trough Bottom, Add	*35.73*	
		For 60 Degree Bend, Deduct	*-29.35*	
		For 45 Degree Bend, Deduct	*-39.80*	
		For 30 Degree Bend, Deduct	*-50.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	128.38	33.68
		For 9" Rung Spacing, Add	*2.72*	
		For 6" Rung Spacing, Add	*11.67*	
		For 4" Rung Spacing, Add	*21.40*	
		For 18" Rung Spacing, Deduct	*-1.95*	
		For Solid Bottom, Add	*30.93*	
		For Vented Trough Bottom, Add	*37.44*	
		For 60 Degree Bend, Deduct	*-30.73*	
		For 45 Degree Bend, Deduct	*-41.82*	
		For 30 Degree Bend, Deduct	*-52.91*	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	141.08	40.69
		For 9" Rung Spacing, Add	*2.81*	
		For 6" Rung Spacing, Add	*12.02*	
		For 4" Rung Spacing, Add	*22.04*	
		For 18" Rung Spacing, Deduct	*-2.00*	
		For Solid Bottom, Add	*33.19*	
		For Vented Trough Bottom, Add	*39.68*	
		For 60 Degree Bend, Deduct	*-32.54*	
		For 45 Degree Bend, Deduct	*-44.41*	
		For 30 Degree Bend, Deduct	*-56.27*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	152.41	46.78
		For 9" Rung Spacing, Add	*2.88*	
		For 6" Rung Spacing, Add	*12.34*	
		For 4" Rung Spacing, Add	*22.63*	
		For 18" Rung Spacing, Deduct	*-2.06*	
		For Solid Bottom, Add	*35.20*	
		For Vented Trough Bottom, Add	*41.68*	
		For 60 Degree Bend, Deduct	*-34.17*	
		For 45 Degree Bend, Deduct	*-46.72*	
		For 30 Degree Bend, Deduct	*-59.28*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	159.12	49.89
		For 9" Rung Spacing, Add	*2.95*	
		For 6" Rung Spacing, Add	*12.66*	
		For 4" Rung Spacing, Add	*23.21*	
		For 18" Rung Spacing, Deduct	*-2.11*	
		For Solid Bottom, Add	*36.53*	
		For Vented Trough Bottom, Add	*43.10*	
		For 60 Degree Bend, Deduct	*-35.32*	
		For 45 Degree Bend, Deduct	*-48.34*	
		For 30 Degree Bend, Deduct	*-61.36*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	173.71	53.69
		For 9" Rung Spacing, Add	*3.26*	
		For 6" Rung Spacing, Add	*13.99*	
		For 4" Rung Spacing, Add	*25.64*	
		For 18" Rung Spacing, Deduct	*-2.33*	
		For Solid Bottom, Add	*40.04*	
		For Vented Trough Bottom, Add	*47.35*	
		For 60 Degree Bend, Deduct	*-38.82*	
		For 45 Degree Bend, Deduct	*-53.10*	
		For 30 Degree Bend, Deduct	*-67.38*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	151.53	57.48
		For 9" Rung Spacing, Add	*2.29*	
		For 6" Rung Spacing, Add	*9.80*	
		For 4" Rung Spacing, Add	*17.96*	
		For 18" Rung Spacing, Deduct	*-1.63*	
		For Solid Bottom, Add	*32.53*	
		For Vented Trough Bottom, Add	*36.90*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	169.05	67.48
		For 9" Rung Spacing, Add	*2.38*	
		For 6" Rung Spacing, Add	*10.18*	
		For 4" Rung Spacing, Add	*18.67*	
		For 18" Rung Spacing, Deduct	*-1.70*	
		For Solid Bottom, Add	*35.54*	
		For Vented Trough Bottom, Add	*39.80*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	191.19	80.47
		For 9" Rung Spacing, Add	*2.47*	
		For 6" Rung Spacing, Add	*10.57*	
		For 4" Rung Spacing, Add	*19.38*	
		For 18" Rung Spacing, Deduct	*-1.76*	
		For Solid Bottom, Add	*39.25*	
		For Vented Trough Bottom, Add	*43.28*	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	213.21	90.47
		For 9" Rung Spacing, Add	*2.71*	
		For 6" Rung Spacing, Add	*11.64*	
		For 4" Rung Spacing, Add	*21.33*	
		For 18" Rung Spacing, Deduct	*-1.94*	
		For Solid Bottom, Add	*43.62*	
		For Vented Trough Bottom, Add	*47.98*	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	224.61	94.26
		For 9" Rung Spacing, Add	*2.91*	
		For 6" Rung Spacing, Add	*12.48*	
		For 4" Rung Spacing, Add	*22.89*	
		For 18" Rung Spacing, Deduct	*-2.08*	
		For Solid Bottom, Add	*46.17*	
		For Vented Trough Bottom, Add	*50.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	241.39	99.67
		For 9" Rung Spacing, Add	*3.22*	
		For 6" Rung Spacing, Add	*13.79*	
		For 4" Rung Spacing, Add	*25.29*	
		For 18" Rung Spacing, Deduct	*-2.30*	
		For Solid Bottom, Add	*50.00*	
		For Vented Trough Bottom, Add	*55.46*	
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	262.51	107.37
		For 9" Rung Spacing, Add	*3.56*	
		For 6" Rung Spacing, Add	*15.24*	
		For 4" Rung Spacing, Add	*27.93*	
		For 18" Rung Spacing, Deduct	*-2.54*	
		For Solid Bottom, Add	*54.61*	
		For Vented Trough Bottom, Add	*60.75*	
26 05 36 00-2549		Horizontal Crosses *(26 05 36 00-2516)*		
26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	233.14	99.67
		For 9" Rung Spacing, Add	*2.93*	
		For 6" Rung Spacing, Add	*12.56*	
		For 4" Rung Spacing, Add	*23.02*	
		For 18" Rung Spacing, Deduct	*-2.09*	
		For Solid Bottom, Add	*47.53*	
		For Vented Trough Bottom, Add	*52.16*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	247.11	107.37
		For 9" Rung Spacing, Add	*3.02*	
		For 6" Rung Spacing, Add	*12.93*	
		For 4" Rung Spacing, Add	*23.70*	
		For 18" Rung Spacing, Deduct	*-2.15*	
		For Solid Bottom, Add	*49.99*	
		For Vented Trough Bottom, Add	*54.59*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	261.09	115.07
		For 9" Rung Spacing, Add	*3.10*	
		For 6" Rung Spacing, Add	*13.30*	
		For 4" Rung Spacing, Add	*24.38*	
		For 18" Rung Spacing, Deduct	*-2.22*	
		For Solid Bottom, Add	*52.46*	
		For Vented Trough Bottom, Add	*57.02*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	279.64	122.66
		For 9" Rung Spacing, Add	*3.35*	
		For 6" Rung Spacing, Add	*14.36*	
		For 4" Rung Spacing, Add	*26.32*	
		For 18" Rung Spacing, Deduct	*-2.39*	
		For Solid Bottom, Add	*56.30*	
		For Vented Trough Bottom, Add	*61.28*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	296.56	130.36
		For 9" Rung Spacing, Add	*3.54*	
		For 6" Rung Spacing, Add	*15.17*	
		For 4" Rung Spacing, Add	*27.81*	
		For 18" Rung Spacing, Deduct	*-2.53*	
		For Solid Bottom, Add	*59.66*	
		For Vented Trough Bottom, Add	*64.88*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	317.01	138.06
		For 9" Rung Spacing, Add	*3.85*	
		For 6" Rung Spacing, Add	*16.52*	
		For 4" Rung Spacing, Add	*30.28*	
		For 18" Rung Spacing, Deduct	*-2.75*	
		For Solid Bottom, Add	*64.07*	
		For Vented Trough Bottom, Add	*69.90*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	343.50	147.95
		For 9" Rung Spacing, Add	*4.26*	
		For 6" Rung Spacing, Add	*18.24*	
		For 4" Rung Spacing, Add	*33.45*	
		For 18" Rung Spacing, Deduct	*-3.04*	
		For Solid Bottom, Add	*69.77*	
		For Vented Trough Bottom, Add	*76.39*	
26 05 36 00-2557		Horizontal Wyes *(26 05 36 00-2516)*		
26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	144.91	57.48
		For 9" Rung Spacing, Add	*2.05*	
		For 6" Rung Spacing, Add	*8.81*	
		For 4" Rung Spacing, Add	*16.14*	
		For 18" Rung Spacing, Deduct	*-1.47*	
		For Solid Bottom, Add	*30.54*	
		For Vented Trough Bottom, Add	*34.26*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	153.05	61.38
		For 9" Rung Spacing, Add	*2.14*	
		For 6" Rung Spacing, Add	*9.16*	
		For 4" Rung Spacing, Add	*16.80*	
		For 18" Rung Spacing, Deduct	*-1.53*	
		For Solid Bottom, Add	*32.12*	
		For Vented Trough Bottom, Add	*35.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	184.12	80.47
		For 9" Rung Spacing, Add	*2.22*	
		For 6" Rung Spacing, Add	*9.51*	
		For 4" Rung Spacing, Add	*17.44*	
		For 18" Rung Spacing, Deduct	*-1.59*	
		For Solid Bottom, Add	*37.13*	
		For Vented Trough Bottom, Add	*40.46*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	205.43	90.47
		For 9" Rung Spacing, Add	*2.44*	
		For 6" Rung Spacing, Add	*10.47*	
		For 4" Rung Spacing, Add	*19.19*	
		For 18" Rung Spacing, Deduct	*-1.74*	
		For Solid Bottom, Add	*41.28*	
		For Vented Trough Bottom, Add	*44.87*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	216.13	94.26
		For 9" Rung Spacing, Add	*2.62*	
		For 6" Rung Spacing, Add	*11.21*	
		For 4" Rung Spacing, Add	*20.55*	
		For 18" Rung Spacing, Deduct	*-1.87*	
		For Solid Bottom, Add	*43.63*	
		For Vented Trough Bottom, Add	*47.57*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	232.19	99.67
		For 9" Rung Spacing, Add	*2.90*	
		For 6" Rung Spacing, Add	*12.41*	
		For 4" Rung Spacing, Add	*22.76*	
		For 18" Rung Spacing, Deduct	*-2.07*	
		For Solid Bottom, Add	*47.24*	
		For Vented Trough Bottom, Add	*51.78*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	252.35	107.37
		For 9" Rung Spacing, Add	*3.20*	
		For 6" Rung Spacing, Add	*13.71*	
		For 4" Rung Spacing, Add	*25.14*	
		For 18" Rung Spacing, Deduct	*-2.29*	
		For Solid Bottom, Add	*51.57*	
		For Vented Trough Bottom, Add	*56.68*	
26 05 36 00-2565		Straight Reducers *(26 05 36 00-2516)*		
26 05 36 00-2566	EA	9" To 6" Reducer, Fiberglass Cable Tray	67.72	22.99
		For 9" Rung Spacing, Add	*1.16*	
		For 6" Rung Spacing, Add	*4.99*	
		For 4" Rung Spacing, Add	*9.14*	
		For 18" Rung Spacing, Deduct	*-0.83*	
		For Solid Bottom, Add	*15.14*	
		For Vented Trough Bottom, Add	*17.61*	
26 05 36 00-2567	EA	12" To 9" Reducer, Fiberglass Cable Tray	73.96	26.78
		For 9" Rung Spacing, Add	*1.18*	
		For 6" Rung Spacing, Add	*5.06*	
		For 4" Rung Spacing, Add	*9.28*	
		For 18" Rung Spacing, Deduct	*-0.84*	
		For Solid Bottom, Add	*16.15*	
		For Vented Trough Bottom, Add	*18.52*	
26 05 36 00-2568	EA	18" To 12" Reducer, Fiberglass Cable Tray	80.17	30.70
		For 9" Rung Spacing, Add	*1.20*	
		For 6" Rung Spacing, Add	*5.13*	
		For 4" Rung Spacing, Add	*9.40*	
		For 18" Rung Spacing, Deduct	*-0.85*	
		For Solid Bottom, Add	*17.15*	
		For Vented Trough Bottom, Add	*19.42*	
26 05 36 00-2569	EA	24" To 18" Reducer, Fiberglass Cable Tray	85.94	33.68
		For 9" Rung Spacing, Add	*1.24*	
		For 6" Rung Spacing, Add	*5.30*	
		For 4" Rung Spacing, Add	*9.72*	
		For 18" Rung Spacing, Deduct	*-0.88*	
		For Solid Bottom, Add	*18.20*	
		For Vented Trough Bottom, Add	*20.47*	
26 05 36 00-2570	EA	30" To 24" Reducer, Fiberglass Cable Tray	96.43	36.79
		For 9" Rung Spacing, Add	*1.44*	
		For 6" Rung Spacing, Add	*6.19*	
		For 4" Rung Spacing, Add	*11.35*	
		For 18" Rung Spacing, Deduct	*-1.03*	
		For Solid Bottom, Add	*20.65*	
		For Vented Trough Bottom, Add	*23.40*	
26 05 36 00-2571	EA	36" To 30" Reducer, Fiberglass Cable Tray	108.85	40.69
		For 9" Rung Spacing, Add	*1.68*	
		For 6" Rung Spacing, Add	*7.19*	
		For 4" Rung Spacing, Add	*13.18*	
		For 18" Rung Spacing, Deduct	*-1.20*	
		For Solid Bottom, Add	*23.52*	
		For Vented Trough Bottom, Add	*26.79*	
26 05 36 00-2572		Vertical Tees *(26 05 36 00-2516)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	210.93	57.48
		For 9" Rung Spacing, Add	*4.37*	
		For 6" Rung Spacing, Add	*18.71*	
		For 4" Rung Spacing, Add	*34.30*	
		For 18" Rung Spacing, Deduct	*-3.12*	
		For Solid Bottom, Add	*50.35*	
		For Vented Trough Bottom, Add	*60.66*	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	218.23	61.38
		For 9" Rung Spacing, Add	*4.42*	
		For 6" Rung Spacing, Add	*18.94*	
		For 4" Rung Spacing, Add	*34.72*	
		For 18" Rung Spacing, Deduct	*-3.16*	
		For Solid Bottom, Add	*51.68*	
		For Vented Trough Bottom, Add	*62.00*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	248.48	80.47
		For 9" Rung Spacing, Add	*4.47*	
		For 6" Rung Spacing, Add	*19.17*	
		For 4" Rung Spacing, Add	*35.14*	
		For 18" Rung Spacing, Deduct	*-3.19*	
		For Solid Bottom, Add	*56.44*	
		For Vented Trough Bottom, Add	*66.20*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	266.96	90.47
		For 9" Rung Spacing, Add	*4.60*	
		For 6" Rung Spacing, Add	*19.70*	
		For 4" Rung Spacing, Add	*36.11*	
		For 18" Rung Spacing, Deduct	*-3.28*	
		For Solid Bottom, Add	*59.74*	
		For Vented Trough Bottom, Add	*69.48*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	276.01	94.26
		For 9" Rung Spacing, Add	*4.71*	
		For 6" Rung Spacing, Add	*20.19*	
		For 4" Rung Spacing, Add	*37.02*	
		For 18" Rung Spacing, Deduct	*-3.37*	
		For Solid Bottom, Add	*61.59*	
		For Vented Trough Bottom, Add	*71.52*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	287.12	99.67
		For 9" Rung Spacing, Add	*4.82*	
		For 6" Rung Spacing, Add	*20.65*	
		For 4" Rung Spacing, Add	*37.86*	
		For 18" Rung Spacing, Deduct	*-3.44*	
		For Solid Bottom, Add	*63.72*	
		For Vented Trough Bottom, Add	*73.75*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	313.05	107.37
		For 9" Rung Spacing, Add	*5.32*	
		For 6" Rung Spacing, Add	*22.82*	
		For 4" Rung Spacing, Add	*41.83*	
		For 18" Rung Spacing, Deduct	*-3.80*	
		For Solid Bottom, Add	*69.78*	
		For Vented Trough Bottom, Add	*80.96*	

26 05 36 00-2580 Flextray™ Cable Tray *(26 05 36 00-0001)*

26 05 36 00-2581 Flextray™ Cable Tray Straight Sections *(26 05 36 00-2580)*

Note: Includes splicing and splice bars.

26 05 36 00-2582	LF	2" Deep x 2" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	21.21	7.25
26 05 36 00-2583	LF	2" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	26.27	7.73
26 05 36 00-2584	LF	2" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	27.59	8.07
26 05 36 00-2585	LF	2" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	29.00	8.48
26 05 36 00-2586	LF	2" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	31.02	8.90
26 05 36 00-2587	LF	2" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	33.24	9.31
26 05 36 00-2588	LF	2" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	34.06	9.72
26 05 36 00-2589	LF	2" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	35.33	10.01
26 05 36 00-2590	LF	2" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	36.11	10.28
26 05 36 00-2591	LF	4" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	27.53	8.51
26 05 36 00-2592	LF	4" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	29.87	8.85
26 05 36 00-2593	LF	4" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	32.31	9.31
26 05 36 00-2594	LF	4" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	34.29	9.77
26 05 36 00-2595	LF	4" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	36.43	10.24
26 05 36 00-2596	LF	4" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	39.26	10.69
26 05 36 00-2597	LF	4" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	41.47	11.04
26 05 36 00-2598	LF	4" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	43.12	11.27
26 05 36 00-2599	LF	4" Deep x 30" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	54.21	12.07
26 05 36 00-2600	LF	6" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	35.85	10.24
26 05 36 00-2601	LF	6" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	40.49	10.69
26 05 36 00-2602	LF	6" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	42.38	11.15
26 05 36 00-2603	LF	6" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	45.57	11.72
26 05 36 00-2604	LF	6" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	47.03	11.95
26 05 36 00-2605	LF	6" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	56.94	12.30

26 05 36 00-2606 Flextray™ Cable Tray Bends *(26 05 36 00-2580)*

Note: Includes field fabricated bend and 90 degree kit.

26 05 36 00-2607	EA	2" Deep x 2" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	15.93	5.40
26 05 36 00-2608	EA	2" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	19.70	5.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2609	EA	2" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	27.59	8.05
26 05 36 00-2610	EA	2" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	43.56	12.76
26 05 36 00-2611	EA	2" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	62.02	17.82
26 05 36 00-2612	EA	2" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	83.16	23.33
26 05 36 00-2613	EA	2" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	95.94	29.20
26 05 36 00-2614	EA	2" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	114.38	35.06
26 05 36 00-2615	EA	2" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	144.44	41.15
26 05 36 00-2616	EA	4" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	20.61	6.32
26 05 36 00-2617	EA	4" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	29.91	8.85
26 05 36 00-2618	EA	4" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	48.46	14.03
26 05 36 00-2619	EA	4" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	68.57	19.54
26 05 36 00-2620	EA	4" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	91.04	25.64
26 05 36 00-2621	EA	4" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	110.27	32.07
26 05 36 00-2622	EA	4" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	133.53	38.51
26 05 36 00-2623	EA	4" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	172.46	45.18
26 05 36 00-2624	EA	4" Deep x 30" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	271.15	60.35
26 05 36 00-2625	EA	6" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	53.72	15.29
26 05 36 00-2626	EA	6" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	81.04	21.38
26 05 36 00-2627	EA	6" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	105.93	27.94
26 05 36 00-2628	EA	6" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	127.61	35.06
26 05 36 00-2629	EA	6" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	151.10	41.96
26 05 36 00-2630	EA	6" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	227.75	49.31
26 05 36 00-2631		Flextray™ Cable Tray Brackets *(26 05 36 00-2580)*		
26 05 36 00-2632	EA	6" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	40.15	15.17
26 05 36 00-2633	EA	8" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	42.61	15.17
26 05 36 00-2634	EA	12" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	46.79	15.17
26 05 36 00-2635	EA	16" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	56.72	16.56
26 05 36 00-2636	EA	18" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	60.37	16.56
26 05 36 00-2637	EA	20" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	61.60	16.56
26 05 36 00-2638	EA	24" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	62.68	16.56

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	109.34	20.23
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	138.45	23.68
26 05 39 00-0006		Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*		
26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	185.75	25.64
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	213.20	28.39
26 05 39 00-0009		Junction Boxes *(26 05 39 00-0001)*		
26 05 39 00-0010		One Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	282.62	40.23
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	321.07	43.11
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	529.35	40.23
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	353.25	43.11
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	565.87	56.67
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	801.95	61.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0017		**Two Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,245.40	40.69
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,434.57	43.11
26 05 39 00-0020		**Elbow Fittings** *(26 05 39 00-0001)*		
26 05 39 00-0021		**90 Degree Horizontal Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	140.19	14.83
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	144.61	14.83
26 05 39 00-0024		**90 Degree Vertical Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	75.83	14.83
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	77.60	14.83
26 05 39 00-0027		**Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	75.83	17.24
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	77.60	17.24
26 05 39 00-0030		**Couplings** *(26 05 39 00-0001)*		
26 05 39 00-0031		**Sleeve Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	46.21	22.99
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	71.04	22.99
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	107.46	22.99
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	109.67	24.25
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	112.65	3.45
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	105.48	48.28
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	117.24	48.28
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	129.09	48.28
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	117.24	54.03
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	141.20	54.03
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	129.09	57.48
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	129.09	57.48
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	141.20	57.48
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	95.73	42.53
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	112.74	42.53
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	131.25	42.53
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	30.09	3.45
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	30.70	3.45
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	41.76	5.75
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	44.28	5.75
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	42.95	5.75
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	44.15	5.75
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	263.98	48.28
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	518.96	48.28
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.36	1.15
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	119.87	6.31

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 43 00-0001 Precast Concrete Trenches, One Piece Pedestrian Trench *(26 05 43)*

Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0002 10" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	94.79
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	90.76
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	131.64
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	126.04
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	64.93
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	77.42
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	63.20

26 05 43 00-0010 20" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	120.44
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	113.31
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	163.49
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	156.99
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	81.55
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	118.80
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	79.03

26 05 43 00-0018 30" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	154.58
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	180.70
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	193.25
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	185.86
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	117.26
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	158.37
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	98.55

26 05 43 00-0026 40" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	185.62
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	178.89
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	227.11
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	218.88
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	150.10
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	202.48
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	116.65

26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench *(26 05 43)*

Note: Rated for 7,000 Lb. Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0035 10" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	114.58
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	109.35
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	159.10
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	151.86
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	75.93
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	88.95
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	76.39
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	333.70

26 05 43 00-0044 20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	144.60
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	135.40
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	195.34
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	186.94
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	94.28
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	137.53
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	95.52
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	442.46

26 05 43 00-0053 30" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	147.24
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	175.61
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	229.51
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	219.95
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	134.82
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	184.36
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	119.45
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	552.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0062		**40" Wide Medium Vehicle Trench** *(26 05 43 00-0034)*		
26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	218.57	
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	209.88	
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	267.53	
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	256.87	
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	172.59	
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	235.67	
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	140.81	
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	750.65	
26 05 43 00-0071		**Precast Concrete Trenches, One Piece H20 Road Crossing Trench** *(26 05 43)*		
		Note: H20 Rated for 32,000 Lb. Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0072		**10" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	245.07	
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	233.35	
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	306.48	
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	291.69	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	235.41	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	224.25	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	296.82	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	282.62	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	162.90	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	220.58	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	147.57	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	204.91	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	113.61	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	362.02	
26 05 43 00-0087		**20" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	260.60	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	248.57	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	345.16	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	329.07	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	260.60	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	248.57	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	335.50	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	320.00	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	232.57	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	316.80	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	210.25	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	294.48	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	126.91	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	536.76	
26 05 43 00-0102		**30" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	308.80	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	295.03	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	381.73	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	364.63	
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	299.13	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	285.94	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	372.06	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	355.24	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	310.76	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	410.95	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	281.44	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	381.63	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	160.50	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	673.00	
26 05 43 00-0117		**40" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	341.80	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	327.01	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	420.72	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	402.15	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	332.14	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	317.94	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	411.05	
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	393.06	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	385.85	
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	509.92	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	349.87	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	473.93	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	193.96	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	914.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 Lb. Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	973.56	302.51
		For Class 1 Pole, Add	*128.95*	
		For Class 2 Pole, Add	*73.69*	
		For Class 4 Pole, Deduct	*-36.84*	
		For Class 5 Pole, Deduct	*-110.53*	
		For Class 6 Pole, Deduct	*-147.38*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	1,171.53	335.63
		For Class 1 Pole, Add	*175.08*	
		For Class 2 Pole, Add	*100.05*	
		For Class 4 Pole, Deduct	*-50.02*	
		For Class 5 Pole, Deduct	*-150.07*	
		For Class 6 Pole, Deduct	*-200.09*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,516.72	443.90
		For Class 1 Pole, Add	*220.16*	
		For Class 2 Pole, Add	*125.81*	
		For Class 4 Pole, Deduct	*-62.90*	
		For Class 5 Pole, Deduct	*-188.71*	
		For Class 6 Pole, Deduct	*-251.62*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,740.28	488.24
		For Class 1 Pole, Add	*267.34*	
		For Class 2 Pole, Add	*152.77*	
		For Class 4 Pole, Deduct	*-76.38*	
		For Class 5 Pole, Deduct	*-229.15*	
		For Class 6 Pole, Deduct	*-305.53*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,992.30	543.79
		For Class 1 Pole, Add	*316.61*	
		For Class 2 Pole, Add	*180.92*	
		For Class 4 Pole, Deduct	*-90.46*	
		For Class 5 Pole, Deduct	*-271.38*	
		For Class 6 Pole, Deduct	*-361.84*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	2,268.94	610.30
		For Class 1 Pole, Add	*366.94*	
		For Class 2 Pole, Add	*209.68*	
		For Class 4 Pole, Deduct	*-104.84*	
		For Class 5 Pole, Deduct	*-314.52*	
		For Class 6 Pole, Deduct	*-419.36*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	2,540.77	671.26
		For Class 1 Pole, Add	*419.36*	
		For Class 2 Pole, Add	*239.63*	
		For Class 4 Pole, Deduct	*-119.82*	
		For Class 5 Pole, Deduct	*-359.45*	
		For Class 6 Pole, Deduct	*-479.26*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,842.32	738.16
		For Class 1 Pole, Add	*478.07*	
		For Class 2 Pole, Add	*273.18*	
		For Class 4 Pole, Deduct	*-136.59*	
		For Class 5 Pole, Deduct	*-409.77*	
		For Class 6 Pole, Deduct	*-546.36*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	4,756.42	804.53
		For Class 1 Pole, Add	*1,101.55*	
		For Class 2 Pole, Add	*629.46*	
		For Class 4 Pole, Deduct	*-314.73*	
		For Class 5 Pole, Deduct	*-944.19*	
		For Class 6 Pole, Deduct	*-1,258.92*	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	5,230.25	855.83
		For Class 1 Pole, Add	*1,231.49*	
		For Class 2 Pole, Add	*703.71*	
		For Class 4 Pole, Deduct	*-351.86*	
		For Class 5 Pole, Deduct	*-1,055.57*	
		For Class 6 Pole, Deduct	*-1,407.42*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	5,756.01	914.10
		For Class 1 Pole, Add	*1,374.72*	
		For Class 2 Pole, Add	*785.56*	
		For Class 4 Pole, Deduct	*-392.78*	
		For Class 5 Pole, Deduct	*-1,178.33*	
		For Class 6 Pole, Deduct	*-1,571.11*	

26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*

26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	25.78	

26 05 46 00-0016 Crossarms *(26 05 46)*

Note: Includes hardware and braces.

26 05 46 00-0017 Wood Single Arm Crossarms *(26 05 46 00-0016)*

26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	224.95	90.22
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	271.52	90.22
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	284.84	116.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0021		**Wood Double Arm Crossarms** *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	577.93	251.33
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	615.77	251.33
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	640.62	251.33
26 05 46 00-0025		**Fiberglass Crossarms** *(26 05 46 00-0016)*		
		Note: Includes hardware.		
26 05 46 00-0026		**Single Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 Lb.	270.36	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 Lb.	338.43	54.13
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 Lb.	351.31	58.00
26 05 46 00-0030		**Two Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 Lb.	420.63	69.60
26 05 46 00-0032		**Fiberglass Crossarm Accessories** *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 Lb. Per Conductor	666.48	88.94
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 Lb. Per Conductor	788.85	108.27
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	115.90	15.47
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	579.56	77.34
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	450.84	128.89
26 05 46 00-0038		**Insulator Support System** *(26 05 46 00-0016)*		
26 05 46 00-0039		**Epoxy Construction Units, In Place Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	135.31	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	111.86	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	334.85	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	218.53	
26 05 46 00-0044		**Epoxy Construction Units, Grounding Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	98.01	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	87.01	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	310.00	
26 05 46 00-0048		**Guying** *(26 05 46)*		
		Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		**Down Guy** *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	895.51	360.90
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	911.97	360.90
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	945.84	360.90
26 05 46 00-0053	EA	Guy Guard, Plastic	36.99	
26 05 46 00-0054		**Head Guy, 50' Spans** *(26 05 46 00-0048)*		
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,289.06	554.23
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,289.06	554.23
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,289.06	554.23
26 05 46 00-0058		**Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)*		
		Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	547.41	270.67
26 05 46 00-0060		**Insulators** *(26 05 46)*		
26 05 46 00-0061		**Pin Insulator With Pin** *(26 05 46 00-0060)*		
26 05 46 00-0062	EA	5 KV Class 55-3, Pin Insulator With Pin	173.75	77.34
26 05 46 00-0063	EA	15 KV Class 55-5, Pin Insulator With Pin	179.19	77.34
26 05 46 00-0064		**Suspension Insulator** *(26 05 46 00-0060)*		
		Note: Includes clevis and strain clamp.		
26 05 46 00-0065	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	221.29	103.11
26 05 46 00-0066	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	236.07	103.11
26 05 46 00-0067	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	332.47	128.89
26 05 46 00-0068	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	528.44	206.22
26 05 46 00-0069		**Spool Insulator With Clevis** *(26 05 46 00-0060)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0070	EA	5 KV Class 53-5, Spool Insulator With Clevis	73.68	32.23
26 05 46 00-0071	EA	15 KV Class, Spool Insulator With Clevis	236.65	116.01
26 05 46 00-0072	EA	25 KV Class, Spool Insulator With Clevis	306.79	116.01
26 05 46 00-0073		**Secondary Rack** *(26 05 46 00-0060)*		
26 05 46 00-0074	EA	1 Spool Secondary Rack	146.28	64.44
26 05 46 00-0075	EA	2 Spool Secondary Rack	151.07	82.23
26 05 46 00-0076	EA	3 Spool Secondary Rack	226.15	109.55
26 05 46 00-0077	EA	4 Spool Secondary Rack	253.99	109.55
26 05 46 00-0078		**Outdoor Load Break Switches** *(26 05 46)*		
		Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0079		**7.2 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0080	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,079.58	438.23
26 05 46 00-0081	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	10,051.58	438.23
26 05 46 00-0082	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,980.43	741.12
26 05 46 00-0083	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,246.95	741.12
26 05 46 00-0084		**14.4 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0085	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,234.07	438.23
26 05 46 00-0086	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	11,904.40	438.23
26 05 46 00-0087	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,980.43	741.12
26 05 46 00-0088	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,246.95	741.12
26 05 46 00-0089		**23 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0090	EA	600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,866.39	509.12
26 05 46 00-0091	EA	1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	13,019.63	509.12
26 05 46 00-0092	EA	1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,622.07	876.46
26 05 46 00-0093	EA	2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,897.31	876.46
26 05 46 00-0094		**Square Distribution Poles** *(26 05 46)*		
26 05 46 00-0095		**Square Steel Tapered Shaft Distribution Poles** *(26 05 46 00-0094)*		
26 05 46 00-0096	EA	20', Steel Taped Shaft Distribution Pole	3,407.31	547.79
26 05 46 00-0097	EA	25', Steel Taped Shaft Distribution Pole	3,809.98	580.01
26 05 46 00-0098	EA	30', Steel Taped Shaft Distribution Pole	4,132.97	644.45
26 05 46 00-0099	EA	35', Steel Taped Shaft Distribution Pole	4,573.59	708.89
26 05 46 00-0100	EA	40', Steel Taped Shaft Distribution Pole	6,212.02	773.35
26 05 46 00-0101		**Square Prestressed Concrete Distribution Poles** *(26 05 46 00-0094)*		
26 05 46 00-0102	EA	30', Prestressed Concrete Square Pole For Distribution	5,231.74	984.37
26 05 46 00-0103	EA	35', Prestressed Concrete Square Pole For Distribution	5,926.00	1,079.63
26 05 46 00-0104	EA	40', Prestressed Concrete Square Pole For Distribution	6,965.91	1,206.64
26 05 46 00-0105	EA	45', Prestressed Concrete Square Pole For Distribution	7,852.51	1,333.66
26 05 46 00-0106	EA	50', Prestressed Concrete Square Pole For Distribution	5,924.64	1,619.45
26 05 46 00-0107	EA	55', Prestressed Concrete Square Pole For Distribution	11,078.99	1,905.23
26 05 46 00-0108	EA	60', Prestressed Concrete Square Pole For Distribution	13,087.09	2,159.26
26 05 46 00-0109	EA	65', Prestressed Concrete Square Pole For Distribution	15,786.81	2,667.33
26 05 46 00-0110	EA	70', Prestressed Concrete Square Pole For Distribution	17,692.49	2,921.35
26 05 46 00-0111		**Aluminum Tapered Poles** *(26 05 46)*		
26 05 46 00-0112		**Aluminum Tapered Round Seamless Shaft Poles** *(26 05 46 00-0111)*		
26 05 46 00-0113	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,702.45	483.34
26 05 46 00-0114	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	5,222.77	515.56
26 05 46 00-0115	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,012.00	580.01
26 05 46 00-0116	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	7,151.79	644.45
26 05 46 00-0117	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	10,947.44	708.89
26 05 46 00-0118		**Steel Service Poles Distribution** *(26 05 46)*		
		Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0119		**Round Tapered Pole** *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	40', Galvanized Steel Tapered Round Pole For Distribution	5,114.46	773.35
26 05 46 00-0121	EA	45', Galvanized Steel Tapered Round Pole For Distribution	5,963.95	837.79
26 05 46 00-0122	EA	50', Galvanized Steel Tapered Round Pole For Distribution	6,351.14	902.24
26 05 46 00-0123	EA	55', Galvanized Steel Tapered Round Pole For Distribution	7,489.43	1,031.12
26 05 46 00-0124	EA	60', Galvanized Steel Tapered Round Pole For Distribution	9,300.15	1,160.01
26 05 46 00-0125	EA	65', Galvanized Steel Tapered Round Pole For Distribution	10,992.16	1,492.43
26 05 46 00-0126	EA	70', Galvanized Steel Tapered Round Pole For Distribution	12,225.63	1,693.12
26 05 46 00-0127	EA	75', Galvanized Steel Tapered Round Pole For Distribution	13,506.15	1,905.23
26 05 46 00-0128	EA	80', Galvanized Steel Tapered Round Pole For Distribution	15,141.67	2,159.26
26 05 46 00-0129	EA	85', Galvanized Steel Tapered Round Pole For Distribution	16,185.26	2,286.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0130	EA	90', Galvanized Steel Tapered Round Pole For Distribution	17,541.61	2,540.31
26 05 46 00-0131	EA	95', Galvanized Steel Tapered Round Pole For Distribution	19,302.01	2,857.85
26 05 46 00-0132	EA	100', Galvanized Steel Tapered Round Pole For Distribution	21,265.99	3,238.89
26 05 46 00-0133		**12 Sided Tapered** *(26 05 46 00-0118)*		
26 05 46 00-0134	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	8,939.20	773.35
26 05 46 00-0135	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,871.55	837.79
26 05 46 00-0136	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,941.03	902.24
26 05 46 00-0137	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	12,006.86	1,031.12
26 05 46 00-0138	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	16,029.82	1,160.01
26 05 46 00-0139	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	17,763.22	1,492.43
26 05 46 00-0140	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	20,588.61	1,693.12
26 05 46 00-0141	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	22,132.73	1,905.23
26 05 46 00-0142	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	23,757.42	2,159.26
26 05 46 00-0143	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	25,168.56	2,286.28
26 05 46 00-0144	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	28,587.17	2,540.31
26 05 46 00-0145	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	30,316.61	2,857.85
26 05 46 00-0146	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	32,352.90	3,238.89
26 05 46 00-0147	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	34,537.98	3,619.93
26 05 46 00-0148		**Standard Options For Round, 12 Sided and Octagonal Tapered Poles** *(26 05 46 00-0118)*		
26 05 46 00-0149	EA	Ladder Clips	24.55	
26 05 46 00-0150	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	184.22	
26 05 46 00-0151	EA	Ground Sleeve-2' At Ground Line	185.29	
26 05 46 00-0152		**Arms With Baseplates And Endplates** *(26 05 46 00-0118)*		
26 05 46 00-0153	EA	4' Arm With Baseplate And Endplate	736.78	128.89
26 05 46 00-0154	EA	5' Arm With Baseplate And Endplate	801.72	128.89
26 05 46 00-0155	EA	6' Arm With Baseplate And Endplate	996.56	193.33
26 05 46 00-0156	EA	7' Arm With Baseplate And Endplate	1,053.36	193.33
26 05 46 00-0157	EA	8' Arm With Baseplate And Endplate	1,246.23	257.79
26 05 46 00-0158	EA	9' Arm With Baseplate And Endplate	1,311.14	257.79
26 05 46 00-0159	EA	10' Arm With Baseplate And Endplate	1,740.46	322.23
26 05 46 00-0160	EA	11' Arm With Baseplate And Endplate	1,813.33	322.23
26 05 46 00-0161		**Standard Vangs Load Bearing At Any Angle** *(26 05 46 00-0118)*		
26 05 46 00-0162	EA	15,000 Lb. Standard Vangs Load Bearing At Any Angle	311.35	128.89
26 05 46 00-0163	EA	30,000 Lb. Standard Vangs Load Bearing At Any Angle	351.14	128.89
26 05 46 00-0164	EA	45,000 Lb. Standard Vangs Load Bearing At Any Angle	405.55	128.89
26 05 46 00-0165		**Armless Construction Brackets** *(26 05 46 00-0118)*		
26 05 46 00-0166		**Verticals Insulator And Equipment Bracket** *(26 05 46 00-0165)*		
26 05 46 00-0167	EA	7" 1 Position Vertical Insulation And Equipment Bracket	317.84	128.89
26 05 46 00-0168	EA	12" 1 Position Vertical Insulation And Equipment Bracket	342.96	128.89
26 05 46 00-0169	EA	12" 3 Position Vertical Insulation And Equipment Bracket	383.78	128.89
26 05 46 00-0170	EA	18" 1 Position Vertical Insulation And Equipment Bracket	539.31	193.33
26 05 46 00-0171	EA	18" 3 Position Vertical Insulation And Equipment Bracket	563.14	193.33
26 05 46 00-0172		**Horizontal And Multiple Insulator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0173	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	298.28	128.89
26 05 46 00-0174	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	351.07	128.89
26 05 46 00-0175	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	513.74	193.33
26 05 46 00-0176	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	638.33	193.33
26 05 46 00-0177	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	819.19	257.79
26 05 46 00-0178	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	885.32	257.79
26 05 46 00-0179		**Pole Top Bracket And Pins** *(26 05 46 00-0165)*		
26 05 46 00-0180	EA	Pole Top Pin - 5"	305.94	128.89
26 05 46 00-0181	EA	Pole Top Bracket - 5"	318.76	128.89
26 05 46 00-0182		**Angle Pins** *(26 05 46 00-0165)*		
26 05 46 00-0183	EA	Angle Pin - 25 Degree, 6"	304.21	128.89
26 05 46 00-0184	EA	Angle Pin - 25 Degree, 7 1/4"	345.84	128.89
26 05 46 00-0185		**Static And Neutral Wire Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0186	EA	Neutral Wire Extension Bracket	332.79	128.89
26 05 46 00-0187	EA	Static Wire Support Bracket	338.17	128.89
26 05 46 00-0188		**Cutout, Arrestor And Terminator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0189	EA	Cutout And Arrestor, With Mounting Bracket	294.34	128.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0190	EA	Equipment Mounting T Bracket	318.25	128.89
26 05 46 00-0191	EA	15 KV Cutout	427.72	
26 05 46 00-0192	EA	9/10 KV Arrestor	394.07	128.89
26 05 46 00-0193		Spacer Cable, Conduit Support And Cluster Bracket *(26 05 46 00-0165)*		
26 05 46 00-0194	EA	Parallel Cable Spacer	371.39	128.89
26 05 46 00-0195	EA	Conduit Standoff Support Bracket	354.22	128.89
26 05 46 00-0196	EA	Three Transformer Pole Mounted Cluster Bracket	949.36	128.89
26 05 46 00-0197		15 KV, 200 Amperes, Solenoid Operated High Voltage Switch *(26 05 46 00-0165)*		
		Note: Includes pole mounting bracket.		
26 05 46 00-0198	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	2,126.76	322.23
26 05 46 00-0199		Octagonal Tapered *(26 05 46 00-0118)*		
26 05 46 00-0200	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	9,223.47	773.35
26 05 46 00-0201	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	10,186.85	837.79
26 05 46 00-0202	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	11,292.50	902.24
26 05 46 00-0203	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	12,389.34	1,095.57
26 05 46 00-0204	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	16,557.03	1,160.01
26 05 46 00-0205	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	18,331.78	1,492.43
26 05 46 00-0206	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	21,250.21	1,587.69
26 05 46 00-0207	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	22,838.26	1,905.23
26 05 46 00-0208	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	24,504.29	2,032.25
26 05 46 00-0209	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	25,959.38	2,286.28
26 05 46 00-0210	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	29,489.11	2,413.29
26 05 46 00-0211	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	31,265.07	2,857.85
26 05 46 00-0212	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	33,347.88	3,048.37
26 05 46 00-0213	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	35,584.65	3,429.41
26 05 46 00-0214		Removal And Relocation Of Steel Service Poles *(26 05 46 00-0118)*		
26 05 46 00-0215	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	45.10	
26 05 46 00-0216		Special Steel Bases For Poles *(26 05 46 00-0118)*		
26 05 46 00-0217	EA	Spin-In Steel Base For Poles	260.77	
26 05 46 00-0218	EA	Series 3, 25' Pole And less	288.59	64.44
26 05 46 00-0219	EA	Series 4, 40' Pole And less	343.42	74.11
26 05 46 00-0220	EA	Series 5, 50' Pole And less	391.80	80.55

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		Conduit Markers Pressure-Sensitive *(26 05 53)*		
		Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	13.40	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	13.98	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	15.14	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	15.36	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.59	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	15.94	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	18.97	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	19.43	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	19.77	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	20.12	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	20.84	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	21.61	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	22.30	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	22.97	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	25.39	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	26.66	
26 05 53 00-0018		Labeling Existing Electrical Wires *(26 05 53)*		
		Note: Self-adhesive vinyl coated white cloth		
26 05 53 00-0019	EA	Labeling Existing Wire	3.55	
26 05 53 00-0020		Equipment Labeling *(26 05 53)*		
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	22.63	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	18.10	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	27.15	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	22.63	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001		Tape Wrapped Compression Connectors *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	15.89	5.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	17.48	5.75
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	19.00	6.32
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	22.10	6.89
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	23.77	7.48
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	26.40	8.05
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	28.31	8.62
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	30.87	9.19
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	34.14	10.35
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	35.80	10.92
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	40.02	11.50
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	43.68	12.07
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	48.90	13.22
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	56.83	14.94

26 05 83 00-0016 One Hole Compression Lugs *(26 05 83)*

26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	20.09	14.94
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	20.26	14.94
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.94	16.10
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	28.67	17.82
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	40.12	22.99
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	46.78	22.99
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	53.84	22.99
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	66.13	34.49
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	77.35	34.49
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	90.46	34.49
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	108.98	45.98
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	129.23	68.97
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	147.85	68.97
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	158.86	68.97
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	173.17	80.47
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	189.40	80.47
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	205.75	91.96
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	242.80	103.46

26 05 83 00-0035 Two Hole Compression Lugs *(26 05 83)*

26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	41.17	19.54
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	44.29	20.80
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	46.58	20.80
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	53.62	23.91
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	65.90	29.88
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	77.11	35.52
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	90.19	41.62
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	108.67	50.47
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	128.87	59.89
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	147.44	68.40
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	158.42	73.69
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	172.66	79.78
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	188.82	87.13
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	206.59	94.49
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	256.49	114.95

26 05 83 00-0051 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	61.02	45.98
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	67.08	49.43
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	76.53	51.73
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	89.08	57.48
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	105.40	63.22
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	118.96	68.97
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	148.98	74.72
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	159.88	80.47
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	168.60	86.21
26 05 83 00-0061	EA	300 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	193.50	94.84
26 05 83 00-0062	EA	350 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	218.40	137.94
26 05 83 00-0063	EA	400 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	239.62	114.95
26 05 83 00-0064	EA	500 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	260.85	155.19
26 05 83 00-0065	EA	750 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	291.46	160.93
26 05 83 00-0066	EA	1,000 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	332.21	172.43

26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone *(26 05 83)*

26 05 83 00-0068	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	103.69	45.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.14*	
26 05 83 00-0069	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	115.04	45.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.37*	
26 05 83 00-0070	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	159.00	68.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.32*	
26 05 83 00-0071	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	180.06	68.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.21*	
26 05 83 00-0072	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	215.86	86.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0073	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	302.42	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.85*	

26 05 83 00-0074 Terminal Blocks *(26 05 83)*

Note: Labor excludes wire termination.

26 05 83 00-0075	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	1,041.37	425.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*255.46*	
26 05 83 00-0076	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	287.42	57.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.91*	
26 05 83 00-0077	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	319.24	57.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.28*	

26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0079	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	41.16	20.80
26 05 83 00-0080	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	44.29	20.80
26 05 83 00-0081	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	46.58	20.80
26 05 83 00-0082	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	53.62	23.91
26 05 83 00-0083	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	65.90	29.88
26 05 83 00-0084	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	77.11	35.52
26 05 83 00-0085	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	90.19	41.62
26 05 83 00-0086	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	108.67	50.47
26 05 83 00-0087	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	128.87	59.89
26 05 83 00-0088	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	147.44	68.40
26 05 83 00-0089	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	158.42	73.69
26 05 83 00-0090	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	172.66	79.78
26 05 83 00-0091	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	188.82	87.13
26 05 83 00-0092	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	189.34	87.13
26 05 83 00-0093	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	41.16	20.80
26 05 83 00-0094	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	44.29	20.80
26 05 83 00-0095	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	46.58	20.80
26 05 83 00-0096	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	53.62	23.91
26 05 83 00-0097	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.90	29.88
26 05 83 00-0098	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	77.11	35.52
26 05 83 00-0099	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	90.19	41.62
26 05 83 00-0100	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	108.67	50.47
26 05 83 00-0101	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	128.87	59.89
26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	147.44	68.40
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	158.42	73.69
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	172.66	79.78
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	188.82	87.13
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	189.34	87.13

26 05 83 00-0107 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	32.93	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	39.51	17.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	45.64	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	59.82	25.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	80.57	34.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	96.20	40.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.04*	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	112.62	45.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	128.31	51.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.94*	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	147.16	57.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	165.73	63.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.95*	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	184.23	68.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	202.59	74.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.80*	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	221.26	80.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.28*	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	250.70	91.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.00*	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	283.87	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	

26 05 83 00-0123 Gel Connectors *(26 05 83)*

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	68.48	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.46*	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	65.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0126		**Other Connections** *(26 05 83)*		
26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.57	5.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.68	5.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.79	5.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 83 00-0130		**Motor/Equipment Connections And Terminations** *(26 05 83)* Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.		
26 05 83 00-0131		**AC Single Phase, 230 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.91	28.74
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.46	28.74
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.49	34.49
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	100.73	43.11
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.64	43.11
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.82	43.11
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.79	43.11
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	133.88	57.48
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	137.22	57.48
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	173.44	71.85
26 05 83 00-0142		**AC Three Phase, 230 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.46	28.74
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.49	34.49
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	100.73	43.11
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.64	43.11
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.82	43.11
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.79	43.11
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	133.88	57.48
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	137.22	57.48
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	173.44	71.85
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	177.95	71.85
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	224.44	86.21
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	231.31	86.21
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	315.54	114.95
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	395.56	143.69
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	466.22	172.43
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	554.88	201.17
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	637.78	229.90
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	791.58	287.38
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	934.90	341.99
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,107.16	398.89
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,578.23	598.22
26 05 83 00-0164		**AC Three Phase, 460 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.46	28.74
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.49	34.49
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	100.73	43.11
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.64	43.11
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	101.82	43.11
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.79	43.11
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	133.88	57.48
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	137.22	57.48
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	173.44	71.85
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	177.95	71.85
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	224.46	86.21
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	231.29	86.21
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	315.54	114.95
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	395.91	143.92
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	466.22	172.43
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	554.88	201.17
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	637.78	229.90
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	791.58	287.38
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	935.23	342.11
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,107.60	399.13
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,579.23	598.68
26 05 83 00-0186		**AC Single Phase, 120 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	70.91	28.74
26 05 83 00-0188		**Motor Moisture Sensor** *(26 05 83 00-0130)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0189	EA	Motor Moisture Sensor Located In Winding	783.41	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 13 Electrical Power Monitoring *(26 09)*

26 09 13 00-0001 Vending Machine Energy Usage Controls *(26 09 13)*

26 09 13 00-0002	EA	Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM150)	435.98	11.53
26 09 13 00-0003	EA	Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM151)	389.76	5.76
26 09 13 00-0004	EA	Weatherproof Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM151)	457.72	11.53
26 09 13 00-0005	EA	Weatherproof Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM161)	411.50	5.76
26 09 13 00-0006	EA	Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM170)	424.45	9.22
26 09 13 00-0007	EA	Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM171)	384.00	4.61
26 09 13 00-0008	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM180)	446.19	9.22
26 09 13 00-0009	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM181)	405.74	4.61
26 09 13 00-0010	EA	Wallmount CoolerMiser With PIR Occupany Sensor (Energy Miser CM150)	394.66	11.53
26 09 13 00-0011	EA	Wallmount CoolerMiser With 14' Data Cable (Energy Miser CM151)	348.45	5.76
26 09 13 00-0012	EA	Velcro Mounted Easy-Install CoolerMiser With PIR Occupany Sensor (Energy Miser CM170)	383.13	9.22
26 09 13 00-0013	EA	Velcro Mounted Easy-Install CoolerMiser With 14' Data Cable (Energy Miser CM171)	342.69	4.61
26 09 13 00-0014	EA	Wallmount SnackMiser With PIR Occupany Sensor (Energy Miser SM150)	394.66	11.53
26 09 13 00-0015	EA	Wallmount SnackMiser With 14' Data Cable (Energy Miser SM151)	348.45	5.76
26 09 13 00-0016	EA	Velcro Mounted Easy-Install SnackMiser With PIR Occupany Sensor (Energy Miser SM170)	383.13	9.22
26 09 13 00-0017	EA	Velcro Mounted Easy-Install SnackMiser With 14' Data Cable (Energy Miser SM171)	342.69	4.61
26 09 13 00-0018	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With PIR Occupany Sensor (Energy Miser PM150)	394.66	11.53
26 09 13 00-0019	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With 14' Data Cable (Energy Miser PM151)	348.45	5.76
26 09 13 00-0020	EA	1200 Watt, Multi Plug Load, Table Leg Mount PlugMiser With PIR Occupany Sensor (Energy Miser PM190)	394.66	11.53
26 09 13 00-0021	EA	Wattsup Line Logger (Energy Miser 60500)	293.00	17.28
26 09 13 00-0022	EA	Wattsup Pro Line Logger (Energy Miser 60501)	369.10	17.28
26 09 13 00-0023	EA	Test Drive Kit And Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser TD150)	711.04	23.05
26 09 13 00-0024	EA	Test Drive Kit And Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser TD170)	699.52	20.75

26 09 13 00-0025 Work Station Energy Usage Controls *(26 09 13)*

26 09 13 00-0026	EA	Power Strip With Personal Sensor (Wattstopper IDP-3050-A)	188.95	11.53

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	541.65	91.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.18*	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	674.75	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,280.16	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,010.37	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,275.20	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	611.91	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	739.02	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,381.18	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,168.40	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,585.28	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	724.07	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	875.04	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,678.77	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,606.54	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	5,884.09	344.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.92*	

26 09 23 00-0022 NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0023 2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0024	EA	30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	905.79	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0025	EA	60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,853.69	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0026	EA	100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,801.57	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	

26 09 23 00-0027 3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0028	EA	30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,310.60	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0029	EA	60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,030.47	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0030	EA	100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	3,087.23	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0031	EA	200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	7,237.28	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	

26 09 23 00-0032 4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0033	EA	30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,230.91	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0034	EA	60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,030.56	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0035	EA	100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,784.22	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	

26 09 23 00-0036 NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0037 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*

26 09 23 00-0038	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	921.95	91.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.18*	
26 09 23 00-0039	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,178.95	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0040	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,285.62	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0041	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,438.46	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	
26 09 23 00-0042	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	6,712.67	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	

26 09 23 00-0043 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*

26 09 23 00-0044	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	952.46	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0045	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,243.22	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0046	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,389.58	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0047	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,595.50	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0048	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,021.76	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	

26 09 23 00-0049 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*

26 09 23 00-0050	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,028.09	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0051	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,379.25	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0052	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,079.33	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0053	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	4,425.79	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	
26 09 23 00-0054	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	9,401.71	344.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.92*	

26 09 23 00-0055 NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0056 2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*

26 09 23 00-0057	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,803.79	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0058	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,982.41	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0059	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,704.05	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	
26 09 23 00-0060		3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0061	EA	60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,992.04	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0062	EA	100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	4,231.64	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0063		4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0064	EA	60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	1,504.05	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0065	EA	100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,086.24	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	
26 09 23 00-0066		Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0067		NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0068		2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0069	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	818.82	91.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.18*	
26 09 23 00-0070	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	932.25	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0071	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,781.41	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0072	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,485.09	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	
26 09 23 00-0073	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	5,816.31	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	
26 09 23 00-0074		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0075	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	872.96	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0076	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	998.49	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0077	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,885.38	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0078	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,644.10	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0079	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,544.10	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	
26 09 23 00-0080		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0081	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	941.07	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0082	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,062.77	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0083	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,209.51	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0084	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,110.74	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	
26 09 23 00-0085	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	7,916.62	344.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.92*	
26 09 23 00-0086		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0087		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0088	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,247.46	91.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.18*	
26 09 23 00-0089	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,436.46	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0090	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,789.82	160.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0091	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,913.17	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	
26 09 23 00-0092	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	8,251.82	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	
26 09 23 00-0093		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0094	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,315.57	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0095	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,502.69	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0096	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,893.79	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.36*	
26 09 23 00-0097	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,073.16	241.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.84*	
26 09 23 00-0098	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	8,981.57	316.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.68*	
26 09 23 00-0099		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0100	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,389.05	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0101	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,566.97	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0102	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,610.07	206.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.15*	
26 09 23 00-0103	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,930.00	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.64*	
26 09 23 00-0104	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	11,362.50	344.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.92*	
26 09 23 00-0105		NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0106		2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0107	EA	30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	762.66	103.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 09 23 00-0108	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,418.74	183.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.56*	
26 09 23 00-0109	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,933.43	218.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.05*	
26 09 23 00-0110	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	4,570.36	287.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*172.43*	
26 09 23 00-0111		3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0112	EA	30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	810.63	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0113		4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0114	EA	200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	6,178.87	344.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.92*	
26 09 23 00-0115		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0116		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0117		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0118		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,601.86	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0120	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,509.90	202.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.39*	
26 09 23 00-0121	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,078.20	265.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.33*	
26 09 23 00-0122	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,502.20	347.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.64*	
26 09 23 00-0123		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0124		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0123)*		
26 09 23 00-0125	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,944.93	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0126	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,579.78	202.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.39*	
26 09 23 00-0127	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,690.18	265.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.33*	
26 09 23 00-0128	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	12,122.59	347.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0129		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0130		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0131		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0130)*		
26 09 23 00-0132	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,755.19	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0133	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,040.64	202.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.39*	
26 09 23 00-0134	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,580.93	265.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.33*	
26 09 23 00-0135	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,930.78	347.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.64*	
26 09 23 00-0136		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0137		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0136)*		
26 09 23 00-0138	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,099.73	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0139	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	5,113.47	202.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.39*	
26 09 23 00-0140	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,194.38	265.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.33*	
26 09 23 00-0141	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	13,551.16	347.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.64*	
26 09 23 00-0142		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0143	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	140.89	29.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 09 23 00-0144	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	154.32	29.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 09 23 00-0145		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		
26 09 23 00-0146	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,780.11	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0147	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,306.61	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0148	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,842.50	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.97*	
26 09 23 00-0149		Dimming Module Contol (Leviton) *(26 09 23)*		
26 09 23 00-0150	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	230.44	14.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 09 23 00-0151		Light Control Panels *(26 09 23)*		
26 09 23 00-0152		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0151)*		
26 09 23 00-0153		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0152)*		
26 09 23 00-0154	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	2,080.66	161.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.81*	
26 09 23 00-0155	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,943.79	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0156	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	2,193.61	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0157	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	3,311.58	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0158	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,604.87	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0159	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	2,320.92	161.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.81*	
26 09 23 00-0160	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	2,490.48	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0161	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,783.48	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	

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26 09 23 00-0162	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	3,428.79	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0163	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	3,722.07	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0164		**Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0165	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	196.91	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 09 23 00-0166	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	151.23	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0167	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	75.86	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0168		**Lighting Control Panels (Synergy)** *(26 09 23 00-0151)*		
26 09 23 00-0169		**Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0170	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,827.20	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0171		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0172	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	696.09	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 09 23 00-0173	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	269.54	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0174	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	150.58	17.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.37*	
26 09 23 00-0175		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0151)*		
26 09 23 00-0176		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0175)*		
26 09 23 00-0177	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,294.34	172.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.73*	
26 09 23 00-0178	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	3,155.98	184.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.64*	
26 09 23 00-0179	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	4,141.61	195.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.56*	
26 09 23 00-0180		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0151)*		
26 09 23 00-0181	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,525.53	161.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.81*	
26 09 23 00-0182	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,744.22	161.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.81*	
26 09 23 00-0183	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,962.91	161.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.81*	
26 09 23 00-0184		**Power Filters** *(26 09 23 00-0151)*		
26 09 23 00-0185	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	42,119.21	957.91
26 09 23 00-0186	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	24,954.98	416.48
26 09 23 00-0187		**Signal Filters** *(26 09 23 00-0151)*		
26 09 23 00-0188	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	19,163.16	870.89
26 09 23 00-0189	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	13,125.38	532.24
26 09 23 00-0190	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	7,318.58	309.00
26 09 23 00-0191	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	9,998.80	309.00
26 09 23 00-0192		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0193	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120 Volt) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	16,536.80	115.25
26 09 23 00-0194	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	7,545.61	115.25
26 09 23 00-0195	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	3,914.49	115.25
26 09 23 00-0196	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	16,634.22	115.25
26 09 23 00-0197	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	127.72	14.41
26 09 23 00-0198	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	199.66	14.41
26 09 23 00-0199	EA	Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	248.81	28.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0200	EA	Damp Rated, Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	301.69	28.81
26 09 23 00-0201	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	156.54	28.81
26 09 23 00-0202	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	228.48	28.81
26 09 23 00-0203	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	578.96	57.63
26 09 23 00-0204	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	431.17	57.63
26 09 23 00-0205	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	802.70	57.63
26 09 23 00-0206	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	264.15	57.63
26 09 23 00-0207	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	901.67	57.63
26 09 23 00-0208	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	9,549.62	230.50
26 09 23 00-0209	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	7,098.15	57.63
26 09 23 00-0210	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	262.71	14.41
26 09 23 00-0211	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	321.15	14.41
26 09 23 00-0212	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	307.05	14.41
26 09 23 00-0213	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	321.15	14.41
26 09 23 00-0214	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	307.05	14.41
26 09 23 00-0215	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	231.11	14.41
26 09 23 00-0216	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	321.15	14.41
26 09 23 00-0217	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	307.05	14.41
26 09 23 00-0218	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	225.43	14.41
26 09 23 00-0219	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	93.90	14.41
26 09 23 00-0220	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	72.42	28.81
26 09 23 00-0221	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	73.04	28.81
26 09 23 00-0222	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	78.02	28.81
26 09 23 00-0223	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	82.94	28.81
26 09 23 00-0224	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	88.81	28.81
26 09 23 00-0225	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	94.10	28.81
26 09 23 00-0226	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	100.60	28.81
26 09 23 00-0227	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	129.99	28.81
26 09 23 00-0228	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	872.84	28.81
26 09 23 00-0229	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	206.78	28.81
26 09 23 00-0230	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,128.79	28.81
26 09 23 00-0231	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	650.84	57.63
26 09 23 00-0232	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	650.84	57.63
26 09 23 00-0233	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	650.84	57.63
26 09 23 00-0234	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	332.36	57.63
26 09 23 00-0235	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	321.68	57.63
26 09 23 00-0236	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	328.80	57.63
26 09 23 00-0237	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	364.39	57.63
26 09 23 00-0238	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	328.80	57.63
26 09 23 00-0239	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	257.63	57.63
26 09 23 00-0240	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	273.90	57.63
26 09 23 00-0241	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	273.90	57.63
26 09 23 00-0242	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	138.31	57.63
26 09 23 00-0243	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	337.61	57.63
26 09 23 00-0244	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	482.70	57.63
26 09 23 00-0245	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	421.34	57.63
26 09 23 00-0246	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	449.81	57.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0247	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	464.06	57.63
26 09 23 00-0248	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	417.78	57.63
26 09 23 00-0249	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	346.61	57.63
26 09 23 00-0250	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	436.65	57.63
26 09 23 00-0251	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	432.92	57.63
26 09 23 00-0252	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	481.49	57.63
26 09 23 00-0253	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	466.56	57.63
26 09 23 00-0254	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	503.05	57.63
26 09 23 00-0255	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	466.70	57.63
26 09 23 00-0256	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	466.70	57.63
26 09 23 00-0257	EA	10 Amperes, 120 Volt, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	302.68	57.63
26 09 23 00-0258	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	325.05	57.63
26 09 23 00-0259	EA	20 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	578.46	57.63
26 09 23 00-0260	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	619.54	57.63
26 09 23 00-0261	EA	10 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	453.83	57.63
26 09 23 00-0262	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	473.68	57.63
26 09 23 00-0263	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,369.46	115.25
26 09 23 00-0264	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,257.53	461.01
26 09 23 00-0265	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	6,258.85	461.01
26 09 23 00-0266	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	8,260.15	461.01
26 09 23 00-0267	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	684.73	57.63
26 09 23 00-0268	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	786.43	57.63
26 09 23 00-0269	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,149.10	57.63
26 09 23 00-0270	EA	Wireless Control Module (Encelium EN-WCM-ZB)	288.13	28.81
26 09 23 00-0271	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	342.37	28.81
26 09 23 00-0272	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	343.72	28.81
26 09 23 00-0273	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	356.51	28.81
26 09 23 00-0274	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0275	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0276	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0277	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0278	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0279	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	268.12	14.41
26 09 23 00-0280	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	562.70	57.63
26 09 23 00-0281	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	345.75	57.63
26 09 23 00-0282	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	345.75	57.63
26 09 23 00-0283	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	399.99	57.63
26 09 23 00-0284	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	399.99	57.63
26 09 23 00-0285	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0286	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0287	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0288	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0289	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0290	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	268.12	14.41
26 09 23 00-0291	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	562.70	57.63
26 09 23 00-0292	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	259.31	14.41
26 09 23 00-0293	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	259.31	14.41
26 09 23 00-0294	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	259.31	14.41
26 09 23 00-0295	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	268.12	14.41
26 09 23 00-0296	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	562.70	57.63
26 09 23 00-0297	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	345.75	57.63
26 09 23 00-0298	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	345.75	57.63
26 09 23 00-0299	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	399.99	57.63
26 09 23 00-0300	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	399.99	57.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0301	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0302	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0303	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0304	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0305	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	259.31	14.41
26 09 23 00-0306	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	268.12	14.41
26 09 23 00-0307	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	562.70	57.63
26 09 23 00-0308	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	146.43	57.63
26 09 23 00-0309	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	741.12	57.63
26 09 23 00-0310		**Lighting Control Sensors** *(26 09 23)*		
26 09 23 00-0311	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	396.25	25.93
26 09 23 00-0312	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	396.25	25.93
26 09 23 00-0313	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	346.26	25.93
26 09 23 00-0314	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	103.39	17.28
26 09 23 00-0315	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	7.85	
26 09 23 00-0316	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	67.76	
26 09 23 00-0317	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	11.49	
26 09 23 00-0318		**Radio Controlled Devices (Lutron)** *(26 09 23)*		
26 09 23 00-0319		**Tabletop Transmitters For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0320		**Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0321	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	527.58	17.28
26 09 23 00-0322	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	687.19	17.28
26 09 23 00-0323	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	866.75	17.28
26 09 23 00-0324		**Dimmable Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0325	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	527.58	17.28
26 09 23 00-0326	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	627.34	17.28
26 09 23 00-0327	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	866.75	17.28
26 09 23 00-0328	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	527.58	17.28
26 09 23 00-0329	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	687.19	17.28
26 09 23 00-0330	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	866.75	17.28
26 09 23 00-0331		**Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0332	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	687.19	17.28
26 09 23 00-0333	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	866.75	17.28
26 09 23 00-0334	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	866.75	17.28
26 09 23 00-0335		**Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0336	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	527.58	17.28
26 09 23 00-0337	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	687.19	17.28
26 09 23 00-0338	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	627.34	17.28
26 09 23 00-0339	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	767.00	17.28
26 09 23 00-0340	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	687.19	17.28
26 09 23 00-0341	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	826.85	17.28
26 09 23 00-0342	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	687.19	17.28
26 09 23 00-0343		**Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0344	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	527.58	17.28
26 09 23 00-0345	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	687.19	17.28
26 09 23 00-0346	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	687.19	17.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0347	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	866.75	17.28
26 09 23 00-0348	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	687.19	17.28
26 09 23 00-0349	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	866.75	17.28
26 09 23 00-0350		**Output Switch Closure Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0351	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	527.58	17.28
26 09 23 00-0352	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	687.19	17.28
26 09 23 00-0353	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	866.75	17.28
26 09 23 00-0354		**Accessories For Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0355	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	108.61	17.28
26 09 23 00-0356		**Wall Box Transmitters For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0357	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	487.68	17.28
26 09 23 00-0358	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	527.58	17.28
26 09 23 00-0359	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	527.58	17.28
26 09 23 00-0360	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	527.58	17.28
26 09 23 00-0361	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	527.58	17.28
26 09 23 00-0362	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	527.58	17.28
26 09 23 00-0363		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0364	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	487.68	17.28
26 09 23 00-0365	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	487.68	17.28
26 09 23 00-0366	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	487.68	17.28
26 09 23 00-0367	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	994.44	17.28
26 09 23 00-0368	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,425.38	17.28
26 09 23 00-0369	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,425.38	17.28
26 09 23 00-0370		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0371	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	627.34	17.28
26 09 23 00-0372	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	707.14	17.28
26 09 23 00-0373	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	826.85	17.28
26 09 23 00-0374		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0375	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	926.60	17.28
26 09 23 00-0376	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,275.75	17.28
26 09 23 00-0377		**RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®)** *(26 09 23)*		
26 09 23 00-0378		**RF Wireless Technology, Switches (Lutron® Maestro Wireless®)** *(26 09 23 00-0377)*		
26 09 23 00-0379	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	137.93	23.05
26 09 23 00-0380	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	163.33	23.05
26 09 23 00-0381	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	258.00	23.05
26 09 23 00-0382	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	95.55	23.05
26 09 23 00-0383	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	117.74	23.05
26 09 23 00-0384	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	104.87	23.05
26 09 23 00-0385	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	127.51	23.05
26 09 23 00-0386		**RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®)** *(26 09 23 00-0377)*		
26 09 23 00-0387	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	132.07	23.05
26 09 23 00-0388	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	143.79	23.05
26 09 23 00-0389	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	173.10	23.05
26 09 23 00-0390	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	184.63	28.81
26 09 23 00-0391	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	230.73	23.05
26 09 23 00-0392	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	72.96	23.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0393	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	89.08	23.05
26 09 23 00-0394	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	78.84	23.05
26 09 23 00-0395	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	94.94	23.05
26 09 23 00-0396	EA	6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	256.52	40.33

26 09 23 00-0397 Removal And Reinstallation Of Occupancy Sensors *(26 09 23)*

Note: Includes storage, cleaning and supply materials.

26 09 23 00-0398	EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	77.79	
26 09 23 00-0399	EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	51.86	

26 09 23 00-0400 Occupancy Sensors (Watt Stopper) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0401 Occupancy Sensors *(26 09 23 00-0400)*

Note: Exclude boxes.

26 09 23 00-0402 Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0401)*

26 09 23 00-0403 Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*

26 09 23 00-0404	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	146.47	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0405	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	173.80	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

26 09 23 00-0406 Passive Infrared, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*

26 09 23 00-0407	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	120.04	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0408	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	111.76	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0409	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	127.22	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0410	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	148.12	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0411	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	146.40	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

26 09 23 00-0412 Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*

26 09 23 00-0413	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	215.42	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0414	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	232.71	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

26 09 23 00-0415 Wall Switch Mounted Occupancy Sensor Accessories *(26 09 23 00-0402)*

26 09 23 00-0416	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.41	2.88
26 09 23 00-0417	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.79	2.88
26 09 23 00-0418	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.79	2.88

26 09 23 00-0419 Ceiling Mounted Occupancy Sensors *(26 09 23 00-0401)*

26 09 23 00-0420 Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0419)*

26 09 23 00-0421 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0420)*

26 09 23 00-0422	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	188.67	25.93
26 09 23 00-0423	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	218.40	25.93
26 09 23 00-0424	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	248.35	25.93
26 09 23 00-0425	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	245.64	25.93

26 09 23 00-0426 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0420)*

26 09 23 00-0427	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	206.27	25.93
26 09 23 00-0428	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	236.42	25.93
26 09 23 00-0429	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	264.97	25.93
26 09 23 00-0430	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	269.80	25.93
26 09 23 00-0431	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	224.29	25.93
26 09 23 00-0432	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	255.19	25.93
26 09 23 00-0433	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	285.97	25.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0434	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	294.84	25.93
26 09 23 00-0435		**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0420)*		
26 09 23 00-0436	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	214.98	25.93
26 09 23 00-0437	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	251.00	25.93
26 09 23 00-0438	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	281.15	25.93
26 09 23 00-0439	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	201.71	25.93
26 09 23 00-0440	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	247.10	25.93
26 09 23 00-0441	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	261.81	25.93
26 09 23 00-0442	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	216.85	25.93
26 09 23 00-0443	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	242.99	25.93
26 09 23 00-0444	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	275.27	25.93
26 09 23 00-0445		**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0446	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	153.97	25.93
26 09 23 00-0447	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	157.48	25.93
26 09 23 00-0448	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	165.80	25.93
26 09 23 00-0449	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	188.11	25.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0450	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	190.82	25.93
26 09 23 00-0451	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	202.49	25.93
26 09 23 00-0452	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	221.17	25.93
26 09 23 00-0453		**Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0454	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	264.72	25.93
26 09 23 00-0455	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	304.25	25.93
26 09 23 00-0456	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	256.33	25.93
26 09 23 00-0457		**Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0401)*		
26 09 23 00-0458		**Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0459	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	327.93	25.93
26 09 23 00-0460	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	327.93	25.93
26 09 23 00-0461		**Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0462	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	304.25	25.93
26 09 23 00-0463		**Occupancy Sensor Power Packs** *(26 09 23 00-0400)*		
26 09 23 00-0464		**Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0465	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	101.37	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0466	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	91.33	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0467		**Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0468	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	83.06	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0469		**Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0463)*		
26 09 23 00-0470	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	113.33	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0471		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0472	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	101.83	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0473	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	101.91	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0474		Two Relay, Occupancy Sensor Power Packs *(26 09 23 00-0463)*		
26 09 23 00-0475	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	130.93	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0476	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	132.92	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0477		Occupancy Sensor Power Supplies *(26 09 23 00-0463)*		
26 09 23 00-0478	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	113.89	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0479	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	278.05	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0480		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0463)*		
26 09 23 00-0481	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	371.37	23.05
26 09 23 00-0482		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0463)*		
26 09 23 00-0483	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	112.19	23.05
26 09 23 00-0484		Occupancy Sensor Accessories *(26 09 23 00-0400)*		
26 09 23 00-0485		Protective Cages For Occupancy Sensors *(26 09 23 00-0484)*		
26 09 23 00-0486	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	66.58	8.64
26 09 23 00-0487		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0484)*		
26 09 23 00-0488	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	48.50	14.41
26 09 23 00-0489		Occupancy/Lighting Logger *(26 09 23 00-0484)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0490	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	501.40	48.98
26 09 23 00-0491		Digital Time Light Switches *(26 09 23 00-0400)*		
26 09 23 00-0492	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	107.84	11.53
26 09 23 00-0493		Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor *(26 09 23 00-0400)*		
26 09 23 00-0494	EA	Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211)	231.46	37.46
26 09 23 00-0495		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0496		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0495)* Note: Exclude boxes		
26 09 23 00-0497		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*		
26 09 23 00-0498		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0497)*		
26 09 23 00-0499	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	222.56	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
26 09 23 00-0500	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	156.06	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0501	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	148.74	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0502	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	148.74	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0503	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	189.31	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0504	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	189.31	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
26 09 23 00-0505	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	230.89	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0506	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	189.31	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	

26 09 23 00-0507 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)

(26 09 23 00-0497)

Note: Includes passive infrared and microphonics detection

26 09 23 00-0508	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	289.06	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
26 09 23 00-0509	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	222.56	11.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0510	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	217.59	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0511	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	217.59	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	255.81	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 09 23 00-0513	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	255.81	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
26 09 23 00-0514	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	275.76	11.53
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	

26 09 23 00-0515 Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0497)*

26 09 23 00-0516	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	19.06	2.88
26 09 23 00-0517	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	19.06	2.88
26 09 23 00-0518	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	39.01	2.88
26 09 23 00-0519	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	39.01	2.88

26 09 23 00-0520 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*

26 09 23 00-0521 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0520)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0522	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0523	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0525	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	268.00	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0526	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	268.00	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	214.79	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0529	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0530	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	281.30	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0531	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0532	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0533	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0534	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	268.00	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0535	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	268.00	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0536	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	214.79	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0537	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0538	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0539	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	281.30	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0540		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0520)*		
		Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0541	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0542	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0543	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0544	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0545	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0546	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	248.04	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0547	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	367.75	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0548	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	367.75	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0549	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	314.55	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0550	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0551	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0552	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0553	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0554	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	248.04	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	367.75	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	367.75	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0558	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	314.55	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

26 09 23 00-0559 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*

26 09 23 00-0560 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

26 09 23 00-0561	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
26 09 23 00-0563	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	351.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Ceiling Mount, Add	*30.23*	
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0565	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	401.00	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

26 09 23 00-0566 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0567	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
26 09 23 00-0568	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	367.75	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0569	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	434.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

26 09 23 00-0570 High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*

26 09 23 00-0571 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0570)*

26 09 23 00-0572	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0573	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0574	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	251.37	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0575	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	214.79	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0576	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	214.79	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0577	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	214.79	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0578	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	281.30	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0579	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	281.30	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0580	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	281.30	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0581	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0582	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0583	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0584	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0585	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0586	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	238.07	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0587	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0588	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0589	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0590	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	347.80	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0591	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	347.80	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0592	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	347.80	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Photocell Option, Add	*30.23*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0593	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	304.57	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0594	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	304.57	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0595	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	254.69	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0596	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	254.69	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0597	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	254.69	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0598	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	254.69	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0599	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0600	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	284.62	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0601	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	347.80	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0602	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	347.80	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Start To High, HID Option, Add	*18.14*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0603	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	334.50	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0604	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0605	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	301.25	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

26 09 23 00-0606 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0607	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	139.20	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0608	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	205.71	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0609	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	105.95	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0610	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	95.98	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0611	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	129.23	23.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0612	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	212.36	23.05
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0613	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	212.36	23.05
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	
26 09 23 00-0614	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	212.36	23.05
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.83*	

26 09 23 00-0615 Daylighting Control (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0616	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0617	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0618	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0619	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For 480 Volt AC Option, Add	*21.16*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0620	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For 480 Volt AC Option, Add	*21.16*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0621	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For 480 Volt AC Option, Add	*21.16*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0622	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0623	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0624	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0625	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0626	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0627	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	218.12	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0628	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0629	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0630	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0631	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0632	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 09 23 00-0633	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	317.87	25.93
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	

26 09 23 00-0634 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0635 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0634)*

Note: Excludes boxes.

26 09 23 00-0636 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0637 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0636)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0638	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	347.69	11.53

26 09 23 00-0639 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0640 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0641	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	408.60	25.93
26 09 23 00-0642	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	408.60	25.93
26 09 23 00-0643	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	408.60	25.93

26 09 23 00-0644 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0645	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	479.94	25.93
26 09 23 00-0646	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	479.94	25.93
26 09 23 00-0647	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	497.75	25.93

26 09 23 00-0648 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0649 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0648)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0650	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	479.94	25.93

26 09 23 00-0651 High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0652		**Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0651)*		
26 09 23 00-0653	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	408.60	25.93
26 09 23 00-0654		**Occupancy Sensor Power Packs (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0655	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	135.28	23.05
26 09 23 00-0656	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	170.99	23.05
26 09 23 00-0657	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	231.60	23.05
26 09 23 00-0658	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	231.60	23.05
26 09 23 00-0659		**Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0660	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	497.75	25.93
26 09 23 00-0661	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	399.46	25.93
26 09 23 00-0662		**Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0663	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	337.25	25.93
26 09 23 00-0664		**Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0665	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	219.53	25.93
26 09 23 00-0666	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	319.44	25.93
26 09 23 00-0667	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	747.50	25.93
26 09 23 00-0668	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	747.50	25.93
26 09 23 00-0669	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,816.58	25.93
26 09 23 00-0670		**Occupancy Sensors (Lutron)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0671		**Wireless Occupancy Sensors** *(26 09 23 00-0670)*		
26 09 23 00-0672	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	161.62	25.93
26 09 23 00-0673	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	169.00	25.93
26 09 23 00-0674	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	163.37	25.93
26 09 23 00-0675	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	173.13	25.93
26 09 23 00-0676	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	165.56	25.93
26 09 23 00-0677	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	173.13	25.93
26 09 23 00-0678	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	161.62	25.93
26 09 23 00-0679	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	165.56	25.93
26 09 23 00-0680	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	163.37	25.93
26 09 23 00-0681	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	255.22	25.93
26 09 23 00-0682	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	272.72	25.93
26 09 23 00-0683	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	312.08	25.93
26 09 23 00-0684	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	329.58	25.93
26 09 23 00-0685	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	338.33	25.93
26 09 23 00-0686	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	355.82	25.93
26 09 23 00-0687	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	200.11	25.93
26 09 23 00-0688	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	211.48	25.93
26 09 23 00-0689	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	248.66	25.93
26 09 23 00-0690	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	277.09	25.93
26 09 23 00-0691	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	298.96	25.93
26 09 23 00-0692	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	257.41	25.93
26 09 23 00-0693	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	236.17	25.93
26 09 23 00-0694	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	196.65	25.93
26 09 23 00-0695	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	243.25	25.93
26 09 23 00-0696	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	296.48	25.93
26 09 23 00-0697	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	315.01	25.93
26 09 23 00-0698	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	315.01	25.93
26 09 23 00-0699	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	315.01	25.93
26 09 23 00-0700	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	331.98	25.93
26 09 23 00-0701	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	539.47	37.46

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0702		**Nodes And Modules** *(26 09 23 00-0670)*		
26 09 23 00-0703	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	266.16	25.93
26 09 23 00-0704	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	266.16	25.93
26 09 23 00-0705	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	338.33	25.93
26 09 23 00-0706	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	338.33	25.93
26 09 23 00-0707	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	433.76	28.81
26 09 23 00-0708	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	433.76	28.81
26 09 23 00-0709	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	527.80	28.81
26 09 23 00-0710	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	540.92	28.81
26 09 23 00-0711	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	669.95	28.81
26 09 23 00-0712	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	711.50	28.81
26 09 23 00-0713	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	753.06	28.81
26 09 23 00-0714	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	2,044.04	46.10
26 09 23 00-0715	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	2,006.37	51.86
26 09 23 00-0716	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,947.34	57.63
26 09 23 00-0717		**Other Accessories** *(26 09 23 00-0670)*		
26 09 23 00-0718	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	39.92	
26 09 23 00-0719	EA	Pico® Wireless Control (Lutron® PJ)	55.41	
26 09 23 00-0720	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	164.59	
26 09 23 00-0721	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	315.49	
26 09 23 00-0722	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	325.71	25.93
26 09 23 00-0723	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	414.35	25.93
26 09 23 00-0724	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	414.35	25.93
26 09 23 00-0725	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	683.07	28.81
26 09 23 00-0726	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	938.95	28.81
26 09 23 00-0727	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,132.19	25.93
26 09 23 00-0728	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,123.46	25.93
26 09 23 00-0729	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,506.18	25.93
26 09 23 00-0730	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,265.42	804.68
26 09 23 00-0731	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	3,140.20	804.68
26 09 23 00-0732		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0733	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	154.62	25.93
26 09 23 00-0734	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	134.50	25.93
26 09 23 00-0735	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	171.25	25.93
26 09 23 00-0736	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	134.50	25.93
26 09 23 00-0737	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	231.49	11.50
26 09 23 00-0738		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0739		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0740	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	353.39	
26 09 23 00-0741	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	496.08	
26 09 23 00-0742		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0743	EA	Retrofit Receptacle Kit (Roam® DUR103)	57.31	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0744	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	14,398.71	64.60
26 09 23 00-0745		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0746	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	668.63	143.69
26 09 23 00-0747		**Lighting Console And Stations** *(26 09 23)*		
26 09 23 00-0748	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	5,052.56	143.69
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*110.19*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,174.91*	
26 09 23 00-0749	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,493.02	86.21
26 09 23 00-0750		**Theatre Lighting Console** *(26 09 23)*		
26 09 23 00-0751	EA	Theatre Lighting Console (ETC Colorsource 20)	3,611.30	172.43
26 09 23 00-0752		**Lighting Controls (Daintree Networks)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0753		**Wireless Sensors** *(26 09 23 00-0752)*		
26 09 23 00-0754	EA	Battery Powered, Passive Infrared, Ceiling Mount, 500 SF Coverage, 360 Degree View, Wireless Occupancy Sensor (Daintree Networks WOS2-CM-S)	194.56	25.93
26 09 23 00-0755	EA	Battery Powered, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View, Wireless Occupancy Sensor (Daintree Networks WOS2-CM-E)	194.56	25.93
26 09 23 00-0756	EA	Battery Powered, Passive Infrared, Wall Mount, Long-Range Lens, Wireless Occupancy Sensor (Daintree Networks WOS2-WM-L) Note: 8' to 12' install height.	194.56	25.93
26 09 23 00-0757	EA	Battery Powered, Passive Infrared, Wall Mount, Wide-Angle Lens, Wireless Occupancy Sensor (Daintree Networks WOS2-WM-W) Note: 8' to 12' install height.	194.56	25.93
26 09 23 00-0758	EA	Battery Powered, Wireless Photosensor (Daintree Networks WPS1) Note: 8' to 12' install height.	166.02	25.93
26 09 23 00-0759		**Wireless Adaptors** *(26 09 23 00-0752)*		
26 09 23 00-0760	EA	Line Voltage, Wireless Adapter (Daintree Networks WA100) Note: Includes on/off, 0-10V dimming and alternate/bi-level switching. Includes inputs for occupancy controller and photo sensor, and mounting bracket.	226.11	34.58
26 09 23 00-0761	EA	Line Voltage, Wireless Adapter With Power Monitoring (Daintree Networks WA100-PM) Note: Includes on/off, 0-10V dimming and alternate/bi-level switching. Includes inputs for occupancy controller and photo sensor, power monitoring, and mounting bracket.	254.65	34.58
26 09 23 00-0762	EA	Line Voltage, Wireless Fixture Adapter (Daintree Networks WFA100) Note: Includes on/off and 0-10V dimming.	174.74	34.58
26 09 23 00-0763	EA	Line Voltage, Wireless Fixture Adapter With Sensor Inputs (Daintree Networks WFA100-SN) Note: Includes on/off and 0-10V dimming. Includes inputs for occupancy controller and photo sensor.	189.01	34.58
26 09 23 00-0764	EA	Line Voltage, Wireless General Purpose Adapter (Daintree Networks WGA100) Note: Includes mounting bracket.	283.19	34.58
26 09 23 00-0765		**Controllers** *(26 09 23 00-0752)* Note: Includes programming for new controllers.		
26 09 23 00-0766	EA	Site System Controller (Daintree Networks SC51) Note: For single facility up to 1,000 wireless nodes. Excludes node licenses. Does not support CS-MFM.	2,940.61	57.63
26 09 23 00-0767	EA	Enterprise System Controller (Daintree Networks SC71) Note: For single or multiple facilities up to 10,000 wireless nodes. Excludes node licenses. Up to 4,000 zones per facility. Single facility included, additional facilities require purchase of CS-MFM per facility. Includes rack rails.	4,938.34	57.63
26 09 23 00-0768	EA	Wireless Area Controller (Daintree Networks WAC50) Note: Maximum capacity of 100 wireless nodes. Excludes node licenses.	1,170.65	
26 09 23 00-0769	EA	BACnet Server (Daintree Networks CS-BAC) Note: Requires purchase of additional CS-BAC-5 licenses for systems with more than 1,000 nodes.	5,794.51	57.63
26 09 23 00-0770		**Other Accessories** *(26 09 23 00-0752)*		
26 09 23 00-0771	EA	10 To 30 Volt AC, Wireless Thermostat (Daintree Networks WTS10)	457.72	57.63
26 09 23 00-0772	EA	Battery Powered, Wireless Wall Dimmer (Daintree Networks WWD1)	197.58	34.58
26 09 23 00-0773	EA	SafePlug Model 1203 Wireless Plug Load Controller, Dual Receptacle (Daintree Networks RSP-1203) Note: ControlScope interoperable version is 9916 003 ZB HA or later.	308.44	11.53
26 09 23 00-0774	EA	SafePlug 1621 Reset Link Key (Daintree Networks RSP-1621) Note: Required to reset a Safeplug 1203 to default settings.	19.98	
26 09 23 00-0775		**Software And Support** *(26 09 23 00-0752)*		
26 09 23 00-0776	EA	Regular Node License Bundle (25 Regular Wireless Nodes) (Daintree Networks N25) Note: Includes 1 year of SUS.	1,969.19	
26 09 23 00-0777	EA	Software Updates and Support - 1 Year Extension (5 Wireless Nodes) (Daintree Networks SUS1-5) Note: Node total must match the number of wireless node licenses purchased or installed on the system.	128.43	
26 09 23 00-0778	EA	Software Updates and Support - 3 Year Extension (5 Wireless Nodes) (Daintree Networks SUS3-5) Note: Node total must match the number of wireless node licenses purchased or installed on the system.	313.93	
26 09 23 00-0779	EA	Thermostat Node License Bundle (5 Thermostat Wireless Nodes) (Daintree Networks T5) Note: Includes 1 year of SUS.	1,683.80	
26 09 23 00-0780	EA	BACnet Supplemental Node License Bundle (5 Additional Wireless Nodes) (Daintree Networks CS-BAC-5) Note: Requires CS-BAC; Supports additional wireless nodes above 1,000. Node total must match the number of wireless node licenses purchased or installed on the system.	28.54	
26 09 23 00-0781	EA	Multi-Facility Management (per additional facility) (Daintree Networks CS-MFM) Note: Requires SC71.	1,113.02	
26 09 23 00-0782	HR	Engineering Assistance (Daintree Networks EAH1)	428.08	
26 09 23 00-0783	DAY	Engineering Assistance (Daintree Networks EA1)	3,424.68	
26 09 23 00-0784	EA	2-Year Hardware Warranty Extension (Daintree Networks HWE2-SC51) Note: Extends total hardware warranty to 3 years. Can be purchased before expiry of the included 1-year warranty.	913.25	
26 09 23 00-0785	EA	2-Year Hardware Warranty Extension (Daintree Networks HWE2-SC71) Note: Extends total hardware warranty to 3 years. Can be purchased before expiry of the included 1-year warranty.	1,683.80	
26 09 23 00-0786		**Emergency Lighting Controls** *(26 09 23)*		
26 09 23 00-0787		**Emergency Lighting Control Units (Watt Stopper ELCU)** *(26 09 23 00-0786)* Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0788	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	248.08	28.81
26 09 23 00-0789	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	248.08	28.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0790		Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0786)* Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0791	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	402.95	40.33
26 09 23 00-0792	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	552.43	46.10
26 09 23 00-0793	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual) Note: Controls normal and emergency lighting from single-pole wall switch.	748.24	51.86
26 09 23 00-0794		Photocells *(26 09 23)*		
26 09 23 00-0795	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	93.64	
26 09 23 00-0796	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	206.80	
26 09 23 00-0797		Outdoor Lighting Motion Sensors *(26 09 23)*		
26 09 23 00-0798	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	126.86	28.81
26 09 23 00-0799	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	139.41	28.81
26 09 23 00-0800	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	605.46	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 09 23 00-0801		Street Light Controls *(26 09 23)*		
26 09 23 00-0802		Photo Controls *(26 09 23 00-0801)*		
26 09 23 00-0803	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	98.51	
26 09 23 00-0804	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	114.00	
26 09 23 00-0805		Connector Node *(26 09 23 00-0801)*		
26 09 23 00-0806	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	549.15	3.70
26 09 23 00-0807		Lighting Control Devices (Legrand) *(26 09 23)*		
26 09 23 00-0808	EA	Line-Voltage Wall Switch Occupancy Sensors (Legrand DW-100)	244.57	25.93
26 09 23 00-0809	EA	Line-Voltage Dimming Wall Switch Occupancy Sensors (Legrand DW-311)	332.66	25.93
26 09 23 00-0810	EA	Dual Technology, Ceiling Mount, Occupancy Sensor (Legrand LMDC-100)	533.76	37.46
26 09 23 00-0811	EA	1 Relay Digital Room Controller, 0-10V Dimming (Legrand LMRC-211)	401.36	25.93
26 09 23 00-0812	EA	2 Relay Digital Room Controller, 0-10V Dimming (Legrand LMRC-212)	551.01	31.69
26 09 23 00-0813	EA	1 Button, Digital Dimming Wall Switch (Legrand LMDM-101)	181.38	25.93
26 09 23 00-0814	EA	4 Button, Digital Wall Switch (Legrand LMSW-104)	229.74	43.22

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001		"Switchyard" Substation Primary Incoming Section *(26 11 13)*		
26 11 13 00-0002		Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)* Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	81,373.32	2,011.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,227.50*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	99,784.63	2,543.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,534.38*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	113,308.90	2,543.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,534.38*	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	130,459.52	2,543.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,636.67*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	147,966.03	3,135.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,888.46*	
26 11 13 00-0008		Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*		
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	2,106.68	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.39*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	608.44	152.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.96*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	940.05	152.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.37*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	741.85	152.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.96*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	2,774.61	514.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*310.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0014		"Switchyard", Substation Transformer Section *(26 11 13)*		
		Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015		14.4 KV Nominal Primary *(26 11 13 00-0014)*		
26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,187.72	2,011.33
		For 50 Hz Operation, Add	*5,051.53*	
		For Forced Air-Cooling, Add	*5,051.53*	
		For External Control Panel, Add	*1,262.88*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*420.96*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,104.80*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,262.01*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,314.41*	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	52,639.26	2,520.08
		For 50 Hz Operation, Add	*5,702.96*	
		For Forced Air-Cooling, Add	*5,702.96*	
		For External Control Panel, Add	*1,425.74*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*475.25*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,376.23*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,940.58*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,128.70*	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	81,224.78	3,549.41
		For 50 Hz Operation, Add	*8,874.08*	
		For Forced Air-Cooling, Add	*8,874.08*	
		For External Control Panel, Add	*2,218.52*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*739.51*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,697.53*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,243.84*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,092.60*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	118,360.76	4,318.53
		For 50 Hz Operation, Add	*13,085.56*	
		For Forced Air-Cooling, Add	*13,085.56*	
		For External Control Panel, Add	*3,271.39*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,090.46*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,452.32*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,630.79*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*16,356.95*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	145,757.59	5,588.68
		For 50 Hz Operation, Add	*16,093.74*	
		For Forced Air-Cooling, Add	*16,093.74*	
		For External Control Panel, Add	*4,023.44*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,341.15*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,705.73*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*16,764.31*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*20,117.18*	
26 11 13 00-0021		23 KV Nominal Primary *(26 11 13 00-0014)*		
26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	51,421.30	2,721.22
		For 50 Hz Operation, Add	*5,556.81*	
		For External Control Panel, Add	*1,389.20*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*463.07*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,315.34*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,788.34*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,946.01*	
		For Forced Air-Cooling, Add	*3,704.54*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	58,575.78	2,721.22
		For 50 Hz Operation, Add	*6,287.96*	
		For External Control Panel, Add	*1,571.99*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*524.00*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,619.98*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,549.96*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,859.95*	
		For Forced Air-Cooling, Add	*4,191.97*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	94,668.13	4,022.66
		For 50 Hz Operation, Add	*10,378.17*	
		For External Control Panel, Add	*2,594.54*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*864.85*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,324.24*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,810.60*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,972.72*	
		For Forced Air-Cooling, Add	*6,918.78*	
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	126,956.48	5,588.68
		For 50 Hz Operation, Add	*13,837.61*	
		For External Control Panel, Add	*3,459.40*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,153.13*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,765.67*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*14,414.18*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*17,297.01*	
		For Forced Air-Cooling, Add	*9,225.07*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	158,291.70	5,588.68
		For 50 Hz Operation, Add	*17,597.83*	
		For External Control Panel, Add	*4,399.46*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,466.49*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,332.43*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*18,331.08*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*21,997.29*	
		For Forced Air-Cooling, Add	*11,731.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0027		**34.5 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	64,668.74	3,253.62
		For 50 Hz Operation, Add	*7,019.12*	
		For External Control Panel, Add	*1,754.78*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*584.93*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,924.63*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,311.58*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,773.89*	
		For Forced Air-Cooling, Add	*4,679.41*	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	78,117.96	5,087.48
		For 50 Hz Operation, Add	*8,481.43*	
		For External Control Panel, Add	*2,120.36*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*706.79*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,533.93*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,834.82*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,601.78*	
		For Forced Air-Cooling, Add	*5,654.28*	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	107,995.30	5,087.48
		For 50 Hz Operation, Add	*11,731.93*	
		For External Control Panel, Add	*2,932.98*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*977.66*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,888.31*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,220.76*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,664.92*	
		For Forced Air-Cooling, Add	*7,821.29*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	139,490.49	5,461.66
		For 50 Hz Operation, Add	*15,341.69*	
		For External Control Panel, Add	*3,835.42*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,278.47*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,392.37*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,980.93*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*19,177.11*	
		For Forced Air-Cooling, Add	*10,227.79*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	243,023.32	6,985.84
		For 50 Hz Operation, Add	*27,374.42*	
		For External Control Panel, Add	*6,843.61*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,281.20*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*11,406.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*28,515.02*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*34,218.03*	
		For Forced Air-Cooling, Add	*18,249.61*	
26 11 13 00-0033		**46 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	99,971.17	3,786.03
		For 50 Hz Operation, Add	*11,103.81*	
		For External Control Panel, Add	*2,775.95*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*925.32*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,626.59*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,566.47*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,879.76*	
		For Forced Air-Cooling, Add	*7,402.54*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	113,088.03	3,786.03
		For 50 Hz Operation, Add	*12,588.56*	
		For External Control Panel, Add	*3,147.14*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,049.05*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,245.23*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,113.09*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*15,735.70*	
		For Forced Air-Cooling, Add	*8,392.37*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	157,091.33	5,087.48
		For 50 Hz Operation, Add	*17,623.46*	
		For External Control Panel, Add	*4,405.86*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,468.62*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,343.11*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*18,357.77*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,029.32*	
		For Forced Air-Cooling, Add	*11,748.97*	
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	191,375.22	6,985.84
		For 50 Hz Operation, Add	*21,176.65*	
		For External Control Panel, Add	*5,294.16*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,764.72*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*8,823.60*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*22,059.01*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*26,470.81*	
		For Forced Air-Cooling, Add	*14,117.77*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	274,436.18	6,985.84
		For 50 Hz Operation, Add	*31,143.96*	
		For External Control Panel, Add	*7,785.99*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,595.33*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*12,976.65*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*32,441.63*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*38,929.96*	
		For Forced Air-Cooling, Add	*20,762.64*	
26 11 13 00-0039		**69 KV Nominal Primary** *(26 11 13 00-0014)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	144,904.11	4,022.66
		For 50 Hz Operation, Add	*16,406.49*	
		For External Control Panel, Add	*4,101.62*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,367.21*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,836.04*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*17,090.10*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*20,508.11*	
		For Forced Air-Cooling, Add	*10,937.66*	
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	166,099.86	5,087.48
		For 50 Hz Operation, Add	*18,704.48*	
		For External Control Panel, Add	*4,676.12*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,558.71*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,793.53*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,483.83*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*23,380.60*	
		For Forced Air-Cooling, Add	*12,469.65*	
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	229,781.02	5,087.48
		For 50 Hz Operation, Add	*26,346.22*	
		For External Control Panel, Add	*6,586.55*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,195.52*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*10,977.59*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*27,443.98*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*32,932.77*	
		For Forced Air-Cooling, Add	*17,564.15*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	242,111.92	6,985.84
		For 50 Hz Operation, Add	*27,265.05*	
		For External Control Panel, Add	*6,816.26*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,272.09*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*11,360.44*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*28,401.10*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*34,081.32*	
		For Forced Air-Cooling, Add	*18,176.70*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	318,812.98	6,985.84
		For 50 Hz Operation, Add	*36,469.18*	
		For External Control Panel, Add	*9,117.30*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*3,039.10*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*15,195.49*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*37,988.73*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*45,586.48*	
		For Forced Air-Cooling, Add	*24,312.79*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	87,910.79	983.05
26 11 13 00-0047	EA	1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	96,607.44	983.05
26 11 13 00-0048	EA	1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	109,898.75	1,221.11
26 11 13 00-0049	EA	2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	102,472.56	1,468.33
26 11 13 00-0050	EA	2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	115,610.71	1,468.33
26 11 13 00-0051	EA	2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	131,867.03	1,705.87
26 11 13 00-0052	EA	3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	135,770.32	1,948.96
26 11 13 00-0053	EA	3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	152,128.05	1,948.96
26 11 13 00-0054	EA	3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	159,320.03	2,188.69

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 11-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	40,937.58	1,443.57
26 11 16 11-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	47,301.26	1,443.57

26 11 16 11-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

26 11 16 11-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	57,967.89	1,443.57
26 11 16 11-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	62,109.41	1,443.57

26 11 16 11-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 11-0001)*

26 11 16 11-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	25,358.09	
26 11 16 11-0010	EA	Key Interlock Accessories, Secondary Distribution Section	2,468.28	

26 11 16 11-0011 Oil Filled Substation Transformers *(26 11 16 11)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ *(26 11 16 11-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	43,699.92	887.35
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,934.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,257.76*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*419.25*	
26 11 16 11-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	64,750.52	1,064.82
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,383.46*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,878.63*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*626.21*	
26 11 16 11-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	73,339.70	1,183.13
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,968.14*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,129.20*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*709.73*	
26 11 16 11-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	86,592.05	1,478.92
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,854.40*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,509.03*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*836.34*	
26 11 16 11-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	96,096.96	1,833.85
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,470.05*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,772.88*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*924.29*	
26 11 16 11-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	102,066.31	2,247.96
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,829.93*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,927.11*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*975.70*	
26 11 16 11-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	119,242.09	2,721.22
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,965.98*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,413.99*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,138.00*	
26 11 16 11-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	126,911.28	2,957.83
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*8,469.69*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,629.87*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,209.96*	
26 11 16 11-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	141,941.27	3,253.62
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*9,480.38*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,063.02*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,354.34*	
26 11 16 11-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	164,533.91	3,608.57
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*11,012.18*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,719.50*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,573.17*	
26 11 16 11-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	180,740.89	3,933.92
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*12,101.11*	
		For Control Power Transformer On Fans And Auxiliary, Add	*5,186.19*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,728.73*	

26 11 16 11-0024 Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ *(26 11 16 11-0011)*

26 11 16 11-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	41,608.33	887.35
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,788.35*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,195.01*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*398.34*	
26 11 16 11-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	63,717.35	887.35
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,335.99*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,858.28*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*619.43*	
26 11 16 11-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	73,293.41	1,183.13
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,964.90*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,127.81*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*709.27*	
26 11 16 11-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	86,671.69	1,478.92
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,859.97*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,511.42*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*837.14*	
26 11 16 11-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	104,224.40	1,833.85
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,038.97*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,016.70*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,005.57*	
26 11 16 11-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	112,186.43	2,247.96
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,538.34*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,230.72*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,076.91*	
26 11 16 11-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	123,915.18	2,721.22
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*8,293.09*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,554.18*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,184.73*	
26 11 16 11-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	134,961.10	2,957.83
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*9,033.18*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,871.36*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,290.45*	
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	152,350.91	3,253.62
		For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*10,209.06*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,375.31*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,458.44*	

26 11 16 11-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 11-0011)*

26 11 16 11-0035	EA	Sudden Pressure Relay	12,707.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	25,228.44	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	16,611.96	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	92,188.03	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	86,251.08	
26 11 16 11-0040		**Reinforced Concrete Curb With 6" Slab** *(26 11 16 11-0011)* Note: For transformer liquid containment area.		
26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,332.09	1,424.50
26 11 16 11-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	11,495.83	1,642.48
26 11 16 11-0049		**Dry Type Substation Transformer** *(26 11 16 11)* Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 11-0050		**Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt** *(26 11 16 11-0049)* Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 11-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	77,571.44	946.50
		For Gas Filled Transformers, Add	*45,407.05*	
		For Single Phase Transformers, Deduct	*-1,891.96*	
		For Dry Type Unit, Add	*16,838.55*	
26 11 16 11-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	77,689.75	1,005.67
		For Gas Filled Transformers, Add	*45,407.05*	
		For Single Phase Transformers, Deduct	*-1,891.96*	
		For Dry Type Unit, Add	*16,850.39*	
26 11 16 11-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	79,030.45	1,183.13
		For Gas Filled Transformers, Add	*45,998.51*	
		For Single Phase Transformers, Deduct	*-1,916.60*	
		For Dry Type Unit, Add	*17,102.75*	
26 11 16 11-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	87,238.53	1,301.45
		For Gas Filled Transformers, Add	*50,781.38*	
		For Single Phase Transformers, Deduct	*-2,115.89*	
		For Dry Type Unit, Add	*18,880.13*	
26 11 16 11-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	96,622.43	1,538.07
		For Gas Filled Transformers, Add	*56,127.77*	
		For Single Phase Transformers, Deduct	*-2,338.66*	
		For Dry Type Unit, Add	*20,887.80*	
26 11 16 11-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	111,959.71	1,774.70
		For Gas Filled Transformers, Add	*65,046.18*	
		For Single Phase Transformers, Deduct	*-2,710.26*	
		For Dry Type Unit, Add	*24,205.21*	
26 11 16 11-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	129,838.89	2,129.65
		For Gas Filled Transformers, Add	*75,347.76*	
		For Single Phase Transformers, Deduct	*-3,139.49*	
		For Dry Type Unit, Add	*28,053.44*	
26 11 16 11-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	153,799.61	2,366.27
		For Gas Filled Transformers, Add	*89,440.24*	
		For Single Phase Transformers, Deduct	*-3,726.68*	
		For Dry Type Unit, Add	*33,268.01*	
26 11 16 11-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	200,568.77	2,484.59
		For Gas Filled Transformers, Add	*117,359.76*	
		For Single Phase Transformers, Deduct	*-4,889.99*	
		For Dry Type Unit, Add	*43,528.83*	
26 11 16 11-0060		**Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt** *(26 11 16 11-0049)* Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 11-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	74,885.82	946.50
		For Gas Filled Transformers, Add	*43,795.68*	
		For Single Phase Transformers, Deduct	*-1,824.82*	
		For Dry Type Unit, Add	*16,247.72*	
26 11 16 11-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	77,689.75	1,005.67
		For Gas Filled Transformers, Add	*45,407.05*	
		For Single Phase Transformers, Deduct	*-1,891.96*	
		For Dry Type Unit, Add	*16,850.39*	
26 11 16 11-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	79,030.45	1,183.13
		For Gas Filled Transformers, Add	*45,998.51*	
		For Single Phase Transformers, Deduct	*-1,916.60*	
		For Dry Type Unit, Add	*17,102.75*	
26 11 16 11-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	87,238.53	1,301.45
		For Gas Filled Transformers, Add	*50,781.38*	
		For Single Phase Transformers, Deduct	*-2,115.89*	
		For Dry Type Unit, Add	*18,880.13*	
26 11 16 11-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	96,622.43	1,538.07
		For Gas Filled Transformers, Add	*56,127.77*	
		For Single Phase Transformers, Deduct	*-2,338.66*	
		For Dry Type Unit, Add	*20,887.80*	
26 11 16 11-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	111,959.71	1,774.70
		For Gas Filled Transformers, Add	*65,046.18*	
		For Single Phase Transformers, Deduct	*-2,710.26*	
		For Dry Type Unit, Add	*24,205.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0067	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	129,838.89	2,129.65
		For Gas Filled Transformers, Add	*75,347.76*	
		For Single Phase Transformers, Deduct	*-3,139.49*	
		For Dry Type Unit, Add	*28,053.44*	
26 11 16 11-0068	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	153,799.61	2,366.27
		For Gas Filled Transformers, Add	*89,440.24*	
		For Single Phase Transformers, Deduct	*-3,726.68*	
		For Dry Type Unit, Add	*33,268.01*	
26 11 16 11-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	200,568.77	2,484.59
		For Gas Filled Transformers, Add	*117,359.76*	
		For Single Phase Transformers, Deduct	*-4,889.99*	
		For Dry Type Unit, Add	*43,528.83*	
26 11 16 11-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	220,411.92	2,602.90
		For Gas Filled Transformers, Add	*129,123.68*	
		For Single Phase Transformers, Deduct	*-5,380.15*	
		For Dry Type Unit, Add	*47,865.93*	
26 11 16 11-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	246,394.73	2,721.22
		For Gas Filled Transformers, Add	*144,571.39*	
		For Single Phase Transformers, Deduct	*-6,023.81*	
		For Dry Type Unit, Add	*53,553.75*	
26 11 16 11-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	284,633.57	2,839.52
		For Gas Filled Transformers, Add	*167,372.71*	
		For Single Phase Transformers, Deduct	*-6,973.86*	
		For Dry Type Unit, Add	*61,937.90*	

26 11 16 11-0073 Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt *(26 11 16 11-0049)*

26 11 16 11-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	83,365.58	1,064.82
		For Gas Filled Transformers, Add	*48,741.56*	
		For Single Phase Transformers, Deduct	*-2,030.90*	
		For Dry Type Unit, Add	*18,084.87*	
26 11 16 11-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	86,153.98	1,123.98
		For Gas Filled Transformers, Add	*50,343.61*	
		For Single Phase Transformers, Deduct	*-2,097.65*	
		For Dry Type Unit, Add	*18,684.12*	
26 11 16 11-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	91,981.05	1,301.45
		For Gas Filled Transformers, Add	*53,626.89*	
		For Single Phase Transformers, Deduct	*-2,234.45*	
		For Dry Type Unit, Add	*19,923.48*	
26 11 16 11-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	97,030.04	1,419.76
		For Gas Filled Transformers, Add	*56,514.31*	
		For Single Phase Transformers, Deduct	*-2,354.76*	
		For Dry Type Unit, Add	*21,005.87*	
26 11 16 11-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	110,574.32	1,656.39
		For Gas Filled Transformers, Add	*64,356.92*	
		For Single Phase Transformers, Deduct	*-2,681.54*	
		For Dry Type Unit, Add	*23,928.82*	
26 11 16 11-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	122,434.26	1,893.02
		For Gas Filled Transformers, Add	*71,188.94*	
		For Single Phase Transformers, Deduct	*-2,966.21*	
		For Dry Type Unit, Add	*26,481.21*	
26 11 16 11-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	142,898.16	2,247.96
		For Gas Filled Transformers, Add	*83,041.34*	
		For Single Phase Transformers, Deduct	*-3,460.06*	
		For Dry Type Unit, Add	*30,898.08*	
26 11 16 11-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	173,603.97	2,484.59
		For Gas Filled Transformers, Add	*101,180.88*	
		For Single Phase Transformers, Deduct	*-4,215.87*	
		For Dry Type Unit, Add	*37,596.57*	
26 11 16 11-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	210,569.84	2,602.90
		For Gas Filled Transformers, Add	*123,218.43*	
		For Single Phase Transformers, Deduct	*-5,134.10*	
		For Dry Type Unit, Add	*45,700.67*	

26 11 16 11-0083 Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*

26 11 16 11-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	83,365.58	1,064.82
		For Gas Filled Transformers, Add	*48,741.56*	
		For Single Phase Transformers, Deduct	*-2,030.90*	
		For Dry Type Unit, Add	*18,084.87*	
26 11 16 11-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	86,153.98	1,123.98
		For Gas Filled Transformers, Add	*50,343.61*	
		For Single Phase Transformers, Deduct	*-2,097.65*	
		For Dry Type Unit, Add	*18,684.12*	
26 11 16 11-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	91,981.05	1,301.45
		For Gas Filled Transformers, Add	*53,626.89*	
		For Single Phase Transformers, Deduct	*-2,234.45*	
		For Dry Type Unit, Add	*19,923.48*	
26 11 16 11-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	97,030.04	1,419.76
		For Gas Filled Transformers, Add	*56,514.31*	
		For Single Phase Transformers, Deduct	*-2,354.76*	
		For Dry Type Unit, Add	*21,005.87*	
26 11 16 11-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	110,574.32	1,656.39
		For Gas Filled Transformers, Add	*64,356.92*	
		For Single Phase Transformers, Deduct	*-2,681.54*	
		For Dry Type Unit, Add	*23,928.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	106,910.48	1,893.02
		For Gas Filled Transformers, Add	*61,874.67*	
		For Single Phase Transformers, Deduct	*-2,578.11*	
		For Dry Type Unit, Add	*23,065.98*	
26 11 16 11-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	111,006.28	2,247.96
		For Gas Filled Transformers, Add	*63,906.22*	
		For Single Phase Transformers, Deduct	*-2,662.76*	
		For Dry Type Unit, Add	*23,881.87*	
26 11 16 11-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	137,065.02	2,484.59
		For Gas Filled Transformers, Add	*79,257.51*	
		For Single Phase Transformers, Deduct	*-3,302.40*	
		For Dry Type Unit, Add	*29,558.00*	
26 11 16 11-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	163,210.54	2,602.90
		For Gas Filled Transformers, Add	*94,802.85*	
		For Single Phase Transformers, Deduct	*-3,950.12*	
		For Dry Type Unit, Add	*35,281.62*	
26 11 16 11-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	182,815.95	2,721.22
		For Gas Filled Transformers, Add	*106,424.12*	
		For Single Phase Transformers, Deduct	*-4,434.34*	
		For Dry Type Unit, Add	*39,566.42*	
26 11 16 11-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	215,321.92	2,839.52
		For Gas Filled Transformers, Add	*125,785.72*	
		For Single Phase Transformers, Deduct	*-5,241.07*	
		For Dry Type Unit, Add	*46,689.34*	
26 11 16 11-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	265,076.52	2,957.83
		For Gas Filled Transformers, Add	*155,496.50*	
		For Single Phase Transformers, Deduct	*-6,479.02*	
		For Dry Type Unit, Add	*57,606.95*	

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Removal And Relocation Of Transformers *(26 12 13)*

26 12 13 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	1,215.95	
26 12 13 00-0003	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	2,237.69	

26 12 13 00-0004 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0005 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0004)*

26 12 13 00-0006	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,915.75	486.04
26 12 13 00-0007	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	10,649.36	607.56
26 12 13 00-0008	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	12,334.85	729.07
26 12 13 00-0009	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	16,030.16	911.33
26 12 13 00-0010	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	19,003.75	1,093.60
26 12 13 00-0011	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	26,861.36	1,275.86
26 12 13 00-0012	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	31,800.23	1,518.89

26 12 13 00-0013 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0004)*

26 12 13 00-0014	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,915.75	486.04
26 12 13 00-0015	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	10,867.49	607.56
26 12 13 00-0016	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,334.85	729.07
26 12 13 00-0017	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	16,030.16	911.33
26 12 13 00-0018	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	19,003.75	1,093.60
26 12 13 00-0019	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	24,619.22	1,275.86
26 12 13 00-0020	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	30,661.64	1,518.89

26 12 13 00-0021 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

26 12 13 00-0022	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,661.27	486.04
26 12 13 00-0023	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,958.61	607.56
26 12 13 00-0024	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	11,651.70	729.07
26 12 13 00-0025	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,872.51	911.33
26 12 13 00-0026	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,338.11	1,093.60
26 12 13 00-0027	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	25,039.62	1,275.86
26 12 13 00-0028	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	30,766.74	1,518.89

26 12 13 00-0029 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

26 12 13 00-0030	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,842.82	486.04
26 12 13 00-0031	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,176.51	607.56
26 12 13 00-0032	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,842.39	729.07
26 12 13 00-0033	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	18,712.86	911.33
26 12 13 00-0034	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	21,522.19	1,093.60
26 12 13 00-0035	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	29,748.64	1,275.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0036	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	38,368.67	1,518.89
26 12 13 00-0037		Transformer Platforms *(26 12 13 00-0004)*		
26 12 13 00-0038	EA	Transformer Platforms, 75 - 167 KVA	4,727.54	820.81
26 12 13 00-0039		Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0004)*		
26 12 13 00-0040	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	10,920.26	486.04
26 12 13 00-0041	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	12,154.80	607.56
26 12 13 00-0042	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,843.55	729.07
26 12 13 00-0043	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	18,711.42	911.33
26 12 13 00-0044	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	21,643.20	1,154.36
26 12 13 00-0045	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	29,752.21	1,275.86
26 12 13 00-0046	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	38,368.67	1,518.89
26 12 13 00-0047	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	51,447.89	1,944.18
26 12 13 00-0048	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	65,674.17	2,612.49
26 12 13 00-0049	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	76,968.68	3,037.78
26 12 13 00-0050	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	98,606.99	3,280.79
26 12 13 00-0051		Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0004)*		
26 12 13 00-0052	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,915.75	595.17
26 12 13 00-0053	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	10,649.36	743.89
26 12 13 00-0054	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	12,334.35	891.77
26 12 13 00-0055	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	16,031.34	1,117.53
26 12 13 00-0056	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	19,002.63	1,338.69
26 12 13 00-0057	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	26,859.84	1,559.11
26 12 13 00-0058	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	31,800.23	1,859.85
26 12 13 00-0059		Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0004)*		
26 12 13 00-0060	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,915.75	595.17
26 12 13 00-0061	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	10,867.49	743.89
26 12 13 00-0062	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,334.35	891.77
26 12 13 00-0063	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	16,031.34	1,117.53
26 12 13 00-0064	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	19,002.63	1,338.69
26 12 13 00-0065	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	24,617.70	1,559.11
26 12 13 00-0066	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	30,661.64	1,859.85
26 12 13 00-0067		Primary 7.2 To 14.4 KV Ground Y *(26 12 13 00-0004)*		
26 12 13 00-0068		Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0067)*		
26 12 13 00-0069	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	7,003.79	486.04
26 12 13 00-0070	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,304.43	607.56
26 12 13 00-0071	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,553.82	729.07
26 12 13 00-0072	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,566.66	911.33
26 12 13 00-0073	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,819.87	1,093.60
26 12 13 00-0074	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	25,681.93	1,275.86
26 12 13 00-0075	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	29,478.11	1,518.89
26 12 13 00-0076		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0067)*		
26 12 13 00-0077	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	6,425.41	486.04
26 12 13 00-0078	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,577.32	607.56
26 12 13 00-0079	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,223.31	729.07
26 12 13 00-0080	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,905.65	911.33
26 12 13 00-0081	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,910.99	1,093.60
26 12 13 00-0082	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	22,376.88	1,275.86
26 12 13 00-0083	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	26,173.07	1,518.89
26 12 16		**Dry-Type, Medium-Voltage Transformers** *(26 12)*		
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	491.00	
26 12 16 00-0003	EA	Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	2,182.23	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Oil Filled Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0002		**Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled** *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		**Primary, 4.16/4.8 KV Ground Y Or Delta** *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	21,756.05	591.57
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	23,551.42	709.88
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	28,107.29	828.20
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	35,025.73	887.35
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	39,873.80	946.50
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	52,173.73	1,242.29
26 12 19 00-0010		**Factory Modifications Material Cost Only** *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	4,926.08	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	5,175.95	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	5,693.55	
26 12 19 00-0014		**Distribution - Single Phase Multiple Building Transformer** *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		**Primary, 4.16/4.8 KVA Ground Y Or Delta** *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	27,744.20	591.57
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	31,088.85	591.57
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	33,274.83	810.44
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	41,824.92	810.44
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	47,000.06	1,064.82
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	56,296.42	1,064.82
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	91,774.06	1,478.92
26 12 19 00-0023		**Factory Modifications Material Cost Only** *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	6,568.10	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	1,664.17	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	5,175.95	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	8,424.31	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	2,248.86	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	1,945.44	
26 12 19 00-0030		**Primary, 12.47 KV Ground Y Or Delta** *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	30,164.94	591.57
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	31,907.40	591.57
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	32,958.19	810.44
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	39,910.11	810.44
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	51,000.27	1,064.82
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	63,376.17	1,064.94
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	80,500.98	1,478.92
26 12 19 00-0038		**Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		**13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,988.52	412.45
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,615.57	580.01
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	37,852.96	928.01
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,712.01	928.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	94,957.18	1,520.91
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	128,307.78	1,520.91
26 12 19 00-0046		**Oil Filled Distribution Transformer Single Phase** *(26 12 19 00-0001)*		
26 12 19 00-0047		**7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,344.00	438.23
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,095.63	438.23
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,950.89	618.67
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	31,988.75	618.67
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	36,817.27	837.79
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	67,065.99	1,288.91
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	93,668.16	1,288.91
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	126,318.04	1,611.13
26 12 19 00-0056		**7.2 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,344.00	438.23
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,096.29	438.23
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,950.89	618.67
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	31,988.75	618.67
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	36,817.27	837.79
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	57,457.76	1,134.24
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	67,065.99	1,134.24
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	93,668.16	1,430.68
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	126,318.04	1,611.13
26 12 19 00-0066		**2.4 KV Primary, 277 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,366.56	438.23
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,299.80	438.23
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	27,564.19	618.67
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	35,327.14	618.67
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	40,655.81	837.79
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	63,311.99	1,134.24
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	74,134.01	1,134.24
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	103,588.73	1,430.68
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	139,766.57	1,611.13
26 12 19 00-0076		**2.4 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,344.00	438.23
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,095.63	438.23
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,950.89	841.78
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	31,988.75	1,134.24
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	36,817.27	837.79
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	57,279.03	1,134.24
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	67,052.77	1,134.24
26 12 19 00-0084		**2.4 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,344.00	438.23
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,095.63	438.23
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,950.89	618.67
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	31,988.75	618.67
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	36,817.27	837.79
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	57,279.03	1,134.24
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	67,052.77	1,134.24
26 12 19 00-0092		**2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,200.55	451.12
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,545.44	502.67
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	21,523.39	554.23
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	27,146.62	773.35
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,120.49	902.24
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	42,315.38	1,056.90
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	51,154.73	1,211.57
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	81,362.86	1,546.69
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	113,893.76	1,740.02
26 12 19 00-0102		**3 Phase Pad Mounted Oil Filled Distribution Transformers** *(26 12 19)*		
26 12 19 00-0103		**Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt** *(26 12 19 00-0102)*		
		Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 19 00-0104	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	32,524.59	1,701.16
26 12 19 00-0105	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	41,118.86	1,822.66
26 12 19 00-0106	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	54,724.87	2,308.71
26 12 19 00-0107	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	71,571.79	2,916.26
26 12 19 00-0108	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	106,776.50	3,280.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0109	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	133,853.70	4,374.40
26 12 19 00-0110		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 12 19)*		
26 12 19 00-0111		Distribution 3 Phase Oil Filled Transformer *(26 12 19 00-0110)*		
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 12 19 00-0112		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 95 KV BIL *(26 12 19 00-0111)*		
		Note: Rated to 5 KVA.		
26 12 19 00-0113	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	49,450.85	1,419.76
26 12 19 00-0114	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	55,670.87	1,419.76
26 12 19 00-0115	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	63,867.90	2,449.09
26 12 19 00-0116	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	75,427.61	2,449.09
26 12 19 00-0117	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	84,770.40	3,667.72
26 12 19 00-0118	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	115,507.79	4,850.85
26 12 19 00-0119	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	153,705.13	6,152.31
26 12 19 00-0120	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	177,947.70	7,453.75
26 12 19 00-0121		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 12 19 00-0111)*		
		Note: Rated to 5 KVA.		
26 12 19 00-0122	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	49,450.85	1,419.76
26 12 19 00-0123	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	55,670.87	1,419.76
26 12 19 00-0124	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	63,867.90	2,449.09
26 12 19 00-0125	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	75,784.69	2,449.09
26 12 19 00-0126	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	85,709.68	3,667.72
26 12 19 00-0127	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	115,730.03	4,850.85
26 12 19 00-0128	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	172,482.85	6,152.31
26 12 19 00-0129	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	181,960.96	7,453.75
26 12 19 00-0130		Factory Modifications *(26 12 19 00-0111)*		
		Note: For use with series 4100 3 phase transformers.		
26 12 19 00-0131	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	3,757.10	
26 12 19 00-0132	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	610.95	
26 12 19 00-0133	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	2,443.78	
26 12 19 00-0134	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	7,040.68	
26 12 19 00-0135	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	862.51	
26 12 19 00-0136	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	682.82	
26 12 19 00-0137		Accessories For Transformer Liquid Containment Area *(26 12 19 00-0111)*		
		Note: Reinforced concrete curb with 6" slab.		
26 12 19 00-0138	EA	Containment Area For 75 KVA	8,778.74	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,587.83*	
26 12 19 00-0139	EA	Containment Area For 112.5 KVA	8,778.74	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,587.83*	
26 12 19 00-0140	EA	Containment Area For 150 KVA	8,778.74	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,587.83*	
26 12 19 00-0141	EA	Containment Area For 225 KVA	8,778.74	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,587.83*	
26 12 19 00-0142	EA	Containment Area For 300 KVA	8,770.20	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,585.27*	
26 12 19 00-0143	EA	Containment Area For 500 KVA	8,770.20	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,585.27*	
26 12 19 00-0144	EA	Containment Area For 750 KVA	8,870.83	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,585.27*	
26 12 19 00-0145	EA	Containment Area For 1,000 KVA	10,329.91	2,381.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,585.27*	
26 12 19 00-0146		Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 12 19 00-0111)*		
		Note: Rated to 5 KVA.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0147	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	22,043.22	1,419.76
26 12 19 00-0148	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	24,199.50	1,419.76
26 12 19 00-0149	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	25,637.02	1,419.76
26 12 19 00-0150	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	29,949.57	1,419.76
26 12 19 00-0151	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	31,621.71	2,129.65
26 12 19 00-0152	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	33,059.23	2,129.65
26 12 19 00-0153	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	50,309.45	2,129.65
26 12 19 00-0154	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	64,211.71	2,839.52
26 12 19 00-0155	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	82,899.44	2,839.52

26 12 19 00-0156 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 12 19 00-0111)*

Note: Rated to 5 KVA.

26 12 19 00-0157	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	22,761.98	1,419.76
26 12 19 00-0158	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	25,637.02	1,419.76
26 12 19 00-0159	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	26,355.78	1,419.76
26 12 19 00-0160	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	27,074.53	1,419.76
26 12 19 00-0161	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	31,621.71	2,129.65
26 12 19 00-0162	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	34,496.75	2,129.65
26 12 19 00-0163	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	50,309.45	2,129.65
26 12 19 00-0164	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	64,930.46	2,839.52
26 12 19 00-0165	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	82,899.44	2,839.52

26 12 19 00-0166 Primary 5 KV Or 15 KV, Secondary 277/480 Volt *(26 12 19 00-0110)*

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 12 19 00-0167	EA	150 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	78,961.67	1,871.27
26 12 19 00-0168	EA	225 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	85,963.15	2,209.07
26 12 19 00-0169	EA	300 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	96,137.45	2,699.98
26 12 19 00-0170	EA	500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	114,816.90	3,037.78
26 12 19 00-0171	EA	750 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	142,117.60	3,197.56
26 12 19 00-0172	EA	1,000 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	170,415.00	4,672.10
26 12 19 00-0173	EA	1,500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	201,002.70	5,285.73
26 12 19 00-0174	EA	2,000 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	252,526.71	6,075.56
26 12 19 00-0175	EA	2,500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	280,051.73	6,379.33
26 12 19 00-0176	EA	3,000 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	294,661.90	7,108.64
26 12 19 00-0177	EA	3,750 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, 3 Phase, Pad Mounted, Oil Filled, Commercial Type Distribution TransformersTransformer	339,777.70	7,594.68

26 12 19 00-0178 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled *(26 12 19 00-0110)*

26 12 19 00-0179	EA	1,500 KVA, 15 KV - 480 Volt, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	144,864.10	5,272.64
26 12 19 00-0180	EA	2,000 KVA, 15 KV - 480 Volt, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	178,953.29	6,063.57
26 12 19 00-0181	EA	2,500 KVA, 15 KV - 480 Volt, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	204,318.58	6,382.66
26 12 19 00-0182	EA	3,000 KVA, 15 KV - 480 Volt, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	216,432.67	7,133.60
26 12 19 00-0183	EA	3,750 KVA, 15 KV - 480 Volt, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	243,708.33	7,349.75

26 12 19 00-0184 Silicone Filled Distribution Transformers, 3 Phase *(26 12 19 00-0110)*

Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.

26 12 19 00-0185	EA	225 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	138,338.48	2,209.07
26 12 19 00-0186	EA	300 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	147,880.11	2,699.98
26 12 19 00-0187	EA	500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	173,489.73	3,037.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0188	EA	750 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	211,185.68	3,197.56
26 12 19 00-0189	EA	1,000 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	251,513.54	4,672.10
26 12 19 00-0190	EA	1,500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	321,190.50	5,285.73
26 12 19 00-0191	EA	2,000 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	391,363.67	6,075.56
26 12 19 00-0192	EA	2,500 KVA Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase, Pad Mounted, Oil Filled, TransformersTransformer	448,807.80	6,379.33

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section *(26 13 16)*

Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	18,284.50	1,340.46
		For Weatherproofing, Add	*3,834.62*	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,237.90	1,340.46
		For Weatherproofing, Add	*4,044.37*	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,357.01	1,707.80
		For Weatherproofing, Add	*5,572.42*	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	36,182.31	1,707.80
		For Weatherproofing, Add	*7,705.24*	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	52,241.37	2,062.25
		For Weatherproofing, Add	*11,203.92*	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	47,476.26	2,062.25
		For Weatherproofing, Add	*10,140.99*	

26 13 16 00-0009 7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,649.39	1,546.69
		For Weatherproofing, Add	*5,875.46*	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	33,871.71	1,933.36
		For Weatherproofing, Add	*7,180.83*	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	47,947.09	2,320.04
		For Weatherproofing, Add	*10,231.79*	

26 13 16 00-0013 13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0014	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,543.33	1,546.69
		For Weatherproofing, Add	*5,615.10*	
26 13 16 00-0015	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	36,779.49	1,546.69
		For Weatherproofing, Add	*7,829.97*	
26 13 16 00-0016	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	54,118.18	2,062.25
		For Weatherproofing, Add	*11,602.22*	
26 13 16 00-0017	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	33,371.59	2,062.25
		For Weatherproofing, Add	*7,055.33*	
26 13 16 00-0018	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	48,921.81	2,577.81
		For Weatherproofing, Add	*10,439.42*	
26 13 16 00-0019	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	68,910.81	2,577.81
		For Weatherproofing, Add	*14,798.04*	
26 13 16 00-0020	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	46,987.87	2,577.81
		For Weatherproofing, Add	*10,003.17*	
26 13 16 00-0021	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	65,614.41	2,577.81
		For Weatherproofing, Add	*14,063.88*	
26 13 16 00-0022	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	85,422.73	2,577.81
		For Weatherproofing, Add	*18,386.59*	

26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0024	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,038.79	844.23
		For Weatherproofing, Add	*1,650.13*	
26 13 16 00-0025	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,623.48	844.23
		For Weatherproofing, Add	*2,218.76*	
26 13 16 00-0026	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,383.37	1,121.34
		For Weatherproofing, Add	*2,347.70*	
26 13 16 00-0027	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,106.32	1,385.57
		For Weatherproofing, Add	*2,909.36*	
26 13 16 00-0028	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	19,337.53	1,385.57
		For Weatherproofing, Add	*4,060.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0029		**7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0030	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,243.63	1,288.91
		For Weatherproofing, Add	*2,118.74*	
26 13 16 00-0031	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	13,420.77	1,288.91
		For Weatherproofing, Add	*2,779.73*	
26 13 16 00-0032	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	20,735.03	1,288.91
		For Weatherproofing, Add	*4,351.40*	
26 13 16 00-0033		**13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0034	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,497.90	1,095.57
		For Weatherproofing, Add	*2,156.88*	
26 13 16 00-0035	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,245.94	1,095.57
		For Weatherproofing, Add	*2,321.44*	
26 13 16 00-0036	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	16,252.25	1,353.36
		For Weatherproofing, Add	*3,385.15*	
26 13 16 00-0037	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,206.42	1,624.02
		For Weatherproofing, Add	*2,897.58*	
26 13 16 00-0038	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	17,731.50	1,624.02
		For Weatherproofing, Add	*3,673.09*	
26 13 16 00-0039	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	20,367.77	1,894.69
		For Weatherproofing, Add	*4,214.76*	
26 13 16 00-0040	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	18,816.44	2,165.36
		For Weatherproofing, Add	*3,835.83*	
26 13 16 00-0041	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	21,231.93	2,165.36
		For Weatherproofing, Add	*4,367.24*	
26 13 16 00-0042	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	26,315.77	2,423.15
		For Weatherproofing, Add	*5,447.71*	
26 13 16 00-0043		**Accessories For Substation Secondary Distribution Sections** *(26 13 16 00-0001)*		
26 13 16 00-0044	EA	1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	4,915.71	816.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*490.08*	
26 13 16 00-0045	EA	2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	6,221.86	906.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*543.84*	
26 13 16 00-0046	EA	3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	8,183.28	1,090.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*654.27*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,540.01	1,639.87
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,727.67	105.04
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,010.83	105.04
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	16,562.09	105.04
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	13,000.13	105.04
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	14,198.66	105.04
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	19,353.95	105.04
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,007.35	105.04
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,408.67	105.04
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	5,215.68	105.04
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	3,312.14	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0058	EA	AC Ammeter With Switch	1,251.32	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	1,251.32	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0060	EA	Indicating Wattmeter	1,884.75	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0061	EA	Indicating Varmeter	2,236.18	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	1,377.14	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	2,887.63	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	6,356.72	105.04
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	825.06	105.04
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	4,217.81	105.04
26 13 19		**Medium-Voltage Vacuum Interrupter Switchgear** *(26 13)*		
26 13 19 00-0001		**Vacuum Circuit Breakers 13.8 KV** *(26 13 19)*		
26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	68,275.05	1,611.13
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	75,332.04	2,036.47
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	85,498.88	2,036.47
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	78,380.40	1,611.13
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	88,305.01	1,611.13
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	100,626.94	1,894.69
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	103,691.71	2,165.36
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	113,666.73	2,165.36
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	124,157.30	2,436.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 29		**Medium-Voltage Compartmentalized Switchgear** *(26 13)*		
26 13 29 00-0001		Substation Secondary Distribution Section *(26 13 29)* Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 13 29 00-0002		Switchgear Compartment Complete With Air Circuit Breaker *(26 13 29 00-0001)* Note: With solid state long - time and instantaneous trips.		
26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	21,673.48	1,039.33
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	33,994.28	1,571.36
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	46,006.47	1,930.18
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	77,036.69	2,239.50
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	99,191.34	2,548.83
26 13 29 00-0008		Switchgear Compartment Without Circuit Breaker *(26 13 29 00-0001)*		
26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,583.31	315.51
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,073.96	315.51
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,490.15	463.98
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	20,814.10	463.98
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	34,855.31	680.51
26 13 29 00-0014		Switchgear Compartment, Blank, Use As Filler Or Metering *(26 13 29 00-0001)* Note: No provisions for future breaker.		
26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section	9,466.33	352.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.63*	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section	11,919.54	352.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.70*	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section	15,408.29	544.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*340.25*	
26 13 29 00-0018		Accessories For Substation Secondary Distribution *(26 13 29 00-0001)*		
26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section	5,348.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section	4,114.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	13,498.65	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	13,498.65	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	17,923.00	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	23,278.80	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	9,934.26	119.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.85*	
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	27,408.43	1,773.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,064.39*	
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	6,000.54	105.04
26 13 29 00-0028	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	7,084.63	105.04
26 13 29 00-0029	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	3,792.00	52.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.51*	
26 13 29 00-0030	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	29,294.37	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 13 29 00-0031	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	3,605.71	52.52
26 18		**Medium-Voltage Circuit Protection Devices** *(26 10)*		
26 18 36		**Medium-Voltage Enclosed Fuses** *(26 18)*		
26 18 36 00-0001		Sectionalizing Switch *(26 18 36)*		
26 18 36 00-0002		Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 36 00-0001)* Note: 15 KV - 25 KV.		
26 18 36 00-0003		Sectionalizing Tapping And Fusing Underground Feeders *(26 18 36 00-0002)* Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	88,803.43	887.35
26 18 36 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	99,934.99	887.35
26 19		**High-Voltage Circuit Protection** *(26 10)*		
26 19 18		**Protection Devices** *(26 19)*		
26 19 18 00-0001		Primary Fuse Cutouts *(26 19 18)* Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002		Non-Loadbreak Current Limiting Primary Fuse Cutouts *(26 19 18 00-0001)* Note: Includes the fuse and cutout switch.		
26 19 18 00-0003		8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting *(26 19 18 00-0002)*		
26 19 18 00-0004	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	748.30	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 18 00-0005	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	877.19	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.34*	
26 19 18 00-0006	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,005.65	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.87*	
26 19 18 00-0007	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,027.80	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.01*	
26 19 18 00-0008	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,027.80	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.01*	
26 19 18 00-0009		**17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 19 18 00-0002)*		
26 19 18 00-0010	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	748.30	257.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0011		**17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 19 18 00-0002)*		
26 19 18 00-0012	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	777.65	257.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0013		**Fuseholders** *(26 19 18 00-0002)*		
		Note: Including current limiting fuse.		
26 19 18 00-0014	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	624.59	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0015	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	753.48	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.34*	
26 19 18 00-0016	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	881.94	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.87*	
26 19 18 00-0017	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	634.75	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0018	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	763.64	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.34*	
26 19 18 00-0019	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	624.59	257.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0020		**Accessories** *(26 19 18 00-0002)*		
26 19 18 00-0021	EA	Hot Line Clamp	94.73	29.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.33*	
26 19 18 00-0022	EA	Stirrup	104.04	29.00
26 19 18 00-0023		**Loadbreak Current Limiting Primary Fuse Cutouts** *(26 19 18 00-0001)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 19 18 00-0024		**8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0025	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	976.84	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0026	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,105.73	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.34*	
26 19 18 00-0027	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,234.19	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.87*	
26 19 18 00-0028	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,277.64	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.01*	
26 19 18 00-0029	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,277.64	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.01*	
26 19 18 00-0030		**17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0031	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	976.84	257.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0032		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0033	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	976.84	257.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0034		**Fuseholders** *(26 19 18 00-0023)*		
		Note: Includes current limiting fuses.		
26 19 18 00-0035	EA	15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	635.07	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0036	EA	25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	763.96	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.34*	
26 19 18 00-0037	EA	40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	892.42	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.87*	
26 19 18 00-0038	EA	15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	635.07	322.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.67*	
26 19 18 00-0039		**Pole Mounted Capacitors** *(26 19 18 00-0023)*		
26 19 18 00-0040	EA	Capacitors - Pole Mounted 6 KVAR	1,822.31	259.84

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 19 80 Transmission and Distribution Accessories *(26 19)*

26 19 80 60 Structure Assemblies *(26 19 80)*

26 19 80 60-0001 Pole Structure Assemblies *(26 19 80 60)*

26 19 80 60-0002 5 KV Pole Structure Assemblies *(26 19 80 60-0001)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 19 80 60-0003	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	532.51	244.89
26 19 80 60-0004	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	889.12	412.45
26 19 80 60-0005	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,054.85	322.23
26 19 80 60-0006	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	609.26	167.56
26 19 80 60-0007	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	766.44	232.00
26 19 80 60-0008	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,323.22	464.01
26 19 80 60-0009	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,043.49	348.01
26 19 80 60-0010	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,886.74	696.01
26 19 80 60-0011	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,147.50	786.23
26 19 80 60-0012	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,183.73	386.67
26 19 80 60-0013	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	981.38	412.45
26 19 80 60-0014	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,824.51	837.79
26 19 80 60-0015	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,429.47	502.67
26 19 80 60-0016	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	879.61	360.90
26 19 80 60-0017	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,634.91	734.68
26 19 80 60-0018	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,323.21	373.78

26 19 80 60-0019 15 KV Pole Structure Assemblies *(26 19 80 60-0001)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 19 80 60-0020	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	561.86	244.89
26 19 80 60-0021	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	931.05	412.45
26 19 80 60-0022	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,197.43	322.23
26 19 80 60-0023	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	659.58	167.56
26 19 80 60-0024	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	837.73	219.12
26 19 80 60-0025	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,465.80	464.01
26 19 80 60-0026	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,148.33	348.01
26 19 80 60-0027	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,100.61	696.01
26 19 80 60-0028	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,436.85	786.23
26 19 80 60-0029	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,326.31	386.67
26 19 80 60-0030	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,035.89	412.45
26 19 80 60-0031	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,879.02	837.79
26 19 80 60-0032	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,538.50	502.67
26 19 80 60-0033	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	934.12	348.01
26 19 80 60-0034	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,689.42	734.68
26 19 80 60-0035	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,432.24	451.12

26 19 80 60-0036 25 KV Pole Structure Assemblies *(26 19 80 60-0001)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 19 80 60-0037	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,825.33	386.67
26 19 80 60-0038	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,130.43	193.33
26 19 80 60-0039	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,636.49	296.44
26 19 80 60-0040	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,086.88	605.78
26 19 80 60-0041	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,029.52	451.12
26 19 80 60-0042	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,222.10	889.34
26 19 80 60-0043	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,027.10	1,005.35
26 19 80 60-0044	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,153.98	586.45
26 19 80 60-0045	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,863.03	586.45

26 19 80 60-0046 50 KV Pole Structure Assemblies *(26 19 80 60-0001)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 19 80 60-0047	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,451.94	528.46
26 19 80 60-0048	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,340.63	270.67
26 19 80 60-0049	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,668.61	425.34
26 19 80 60-0050	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,119.16	863.57
26 19 80 60-0051	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,395.98	644.45
26 19 80 60-0052	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,586.48	1,288.91
26 19 80 60-0053	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	5,455.80	1,430.68
26 19 80 60-0054	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,792.53	696.01
26 19 80 60-0055	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,781.10	805.57
26 19 80 60-0056	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,686.33	760.46

26 19 80 60-0057 Overhead To Underground Conversion Structures *(26 19 80 60)*

Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.

26 19 80 60-0058 5 KV Structures *(26 19 80 60-0057)*

Note: Excludes pole.

26 19 80 60-0059	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,641.76	2,577.81
26 19 80 60-0060	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,641.76	2,577.81
26 19 80 60-0061	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,641.76	2,577.81
26 19 80 60-0062	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,641.76	2,577.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80 60-0063		15 KV Structures *(26 19 80 60-0057)* Note: Excludes pole.		
26 19 80 60-0064	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,839.07	2,577.81
26 19 80 60-0065	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,839.07	2,577.81
26 19 80 60-0066	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,839.07	2,577.81
26 19 80 60-0067	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,839.07	2,577.81
26 19 80 60-0068		25 KV Structures *(26 19 80 60-0057)* Note: Excludes pole.		
26 19 80 60-0069	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	6,054.33	2,577.81
26 19 80 60-0070	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	6,054.33	2,577.81
26 19 80 60-0071	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	6,054.33	2,577.81
26 19 80 60-0072	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	6,054.33	2,577.81
26 19 80 60-0073		Transformer Stations *(26 19 80 60)* Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 19 80 60-0074		5 KV Station *(26 19 80 60-0073)*		
26 19 80 60-0075	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	9,258.70	3,436.22
26 19 80 60-0076	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	10,374.46	3,866.72
26 19 80 60-0077	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	11,490.21	4,295.93
26 19 80 60-0078	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	11,490.21	4,295.93
26 19 80 60-0079	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	9,258.70	3,436.22
26 19 80 60-0080		15 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0081	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	9,563.66	3,435.26
26 19 80 60-0082	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	10,679.42	3,866.72
26 19 80 60-0083	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	11,795.17	4,295.93
26 19 80 60-0084	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	11,795.17	4,295.93
26 19 80 60-0085	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	9,563.66	3,436.22
26 19 80 60-0086		25 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0087	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	9,896.34	3,436.22
26 19 80 60-0088	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	11,012.10	3,866.72
26 19 80 60-0089	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	12,127.85	4,295.93
26 19 80 60-0090	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	12,127.85	4,295.93
26 19 80 60-0091	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	9,896.34	3,436.22

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	8.48	3.07
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	10.29	3.63
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	12.37	4.09
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	16.85	5.16
26 21 13 00-0008		Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	10.48	3.63
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	12.13	4.09
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	15.44	5.16
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	19.60	6.28
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	25.41	8.31
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	32.79	10.31
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	45.62	12.27
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	12.17	4.09
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	15.43	5.16
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	20.00	6.61
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	26.52	8.31
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	29.61	9.21
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	34.64	10.31
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	40.57	12.27
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	52.83	13.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0025		**Weatherproof Conduit Hubs** *(26 21 13 00-0002)*		
26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	53.25	20.23
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	60.75	22.99
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	70.52	25.75
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	98.29	34.49
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	108.06	37.25
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	139.42	43.22
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	182.75	48.74
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	235.77	57.48
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	418.15	114.95
26 21 13 00-0035		**Galvanized Threaded Service Entrance Weatherhead Cap** *(26 21 13 00-0002)*		
26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	59.29	20.23
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	67.99	22.99
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	77.80	25.75
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	104.51	34.49
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	118.06	37.25
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	154.65	43.22
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	258.19	48.74
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	294.07	57.48
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	485.20	114.95
26 21 13 00-0045		**Aluminum Clamp-On Service Entrance Weatherhead Cap** *(26 21 13 00-0002)*		
26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	57.39	20.23
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	64.79	22.99
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	73.47	25.64
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	97.67	34.49
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	108.82	37.25
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	128.25	43.22
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	208.68	48.74
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	269.17	57.48
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	379.39	86.21
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	455.56	114.95
26 21 13 00-0056		**Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap** *(26 21 13 00-0002)*		
26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	54.98	20.23
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	62.87	22.99
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	71.32	25.64
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	95.04	34.49
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	103.46	37.25
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	126.33	43.22
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	205.97	48.74
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	231.43	57.48
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	394.89	86.21
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	545.92	114.95

26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*

Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,551.77	1,145.71
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,275.66	1,213.12
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,332.54	1,288.91
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	7,665.33	1,288.91
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	8,572.57	1,374.88
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	10,216.20	1,586.39
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	12,444.14	2,062.25

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,702.86	295.73
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,401.74	354.87
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,159.02	370.26
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,923.24	384.46
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	5,772.38	414.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,956.82	443.60
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*303.48*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*455.22*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,645.67	473.17
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*334.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*502.45*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,309.76	532.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*312.26*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*468.38*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,782.09	591.46
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*379.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*569.94*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	11,720.28	709.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*515.04*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*772.56*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,978.59	828.05
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*666.13*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*999.19*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	24,227.15	1,064.63
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,104.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,657.34*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	44,524.26	1,301.22
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,096.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,144.14*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	70,591.97	1,478.66
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,381.73*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,072.60*	

26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,884.50	354.87
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,330.20	369.66
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,996.76	384.46
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,593.72	414.03

26 22 13 00-0022 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.

26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,260.30	443.60
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,980.64	473.17

26 22 13 00-0025 208 x 230 Volt, 120 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0026	EA	0.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,387.49	266.16
26 22 13 00-0027	EA	1 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,585.86	295.73
26 22 13 00-0028	EA	2 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,137.11	325.30
26 22 13 00-0029	EA	3 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,503.92	354.87
26 22 13 00-0030	EA	5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,849.05	370.26
26 22 13 00-0031	EA	7.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,315.61	384.46
26 22 13 00-0032	EA	10 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	4,382.56	414.03
26 22 13 00-0033	EA	15 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,166.25	443.60

26 22 13 00-0034 1 Phase Mounting Brackets *(26 22 13 00-0001)*

26 22 13 00-0035	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	602.72	210.07

26 22 13 00-0036 1 Phase Weathershields *(26 22 13 00-0001)*

Note: Use with types DT-3 and DS-3.

26 22 13 00-0037	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	218.65	
26 22 13 00-0038	EA	50 KVA 1 Phase Weathershields, Set Of 2	278.70	
26 22 13 00-0039	EA	75 KVA 1 Phase Weathershields, Set Of 2	332.34	
26 22 13 00-0040	EA	100 KVA 1 Phase Weathershields, Set Of 2	396.48	
26 22 13 00-0041	EA	167 KVA 1 Phase Weathershields, Set Of 2	536.41	
26 22 13 00-0042	EA	250 KVA 1 Phase Weathershields, Set Of 2	641.36	
26 22 13 00-0043	EA	333 KVA 1 Phase Weathershields, Set Of 2	787.13	

26 22 13 00-0044 Packaged Power Supply *(26 22 13 00-0001)*

Note: 2-5 Percent FCBN taps.

26 22 13 00-0045	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	3,953.78	369.66
26 22 13 00-0046	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	4,527.52	384.46
26 22 13 00-0047	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	4,910.79	414.03
26 22 13 00-0048	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	6,186.13	443.60
26 22 13 00-0049	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	8,850.15	473.17

26 22 13 00-0050 240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade *(26 22 13 00-0001)*

26 22 13 00-0051	EA	0.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	2,952.01	266.16
26 22 13 00-0052	EA	1 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	4,352.18	295.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0053	EA	2.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,053.54	354.87
26 22 13 00-0054	EA	5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,637.01	369.66
26 22 13 00-0055	EA	7.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	6,424.56	384.46
26 22 13 00-0056	EA	10 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	8,466.10	414.03
26 22 13 00-0057	EA	15 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	11,195.64	443.60
26 22 13 00-0058		600 Volt, 208/120 Volt, Dry General Purpose Transformer *(26 22 13 00-0001)*		
26 22 13 00-0059	EA	15 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,007.98	443.60
26 22 13 00-0060	EA	25 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,502.02	473.17
26 22 13 00-0061	EA	30 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,042.33	502.74
26 22 13 00-0062	EA	37.5 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	20,133.91	532.32
26 22 13 00-0063	EA	45 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	20,903.49	561.89
26 22 13 00-0064	EA	50 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	28,217.40	591.46
26 22 13 00-0065		3 Phase General Purpose "Dry Type" Transformer *(26 22 13)* Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0066		Packaged Power Supply *(26 22 13 00-0065)* Note: 2-5 Percent FCBN taps.		
26 22 13 00-0067	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	17,950.84	1,271.65
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*770.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,155.57*	
26 22 13 00-0068	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	21,814.01	1,360.36
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*954.66*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,432.00*	
26 22 13 00-0069	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	26,384.48	1,478.66
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,171.36*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,757.04*	
26 22 13 00-0070		Drive Isolation Transformers *(26 22 13 00-0065)* Note: Only use in step-up applications.		
26 22 13 00-0071		230 Volt Drive Isolation Transformers *(26 22 13 00-0070)*		
26 22 13 00-0072	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,386.66	473.17
26 22 13 00-0073	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,211.45	502.74
26 22 13 00-0074	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,623.72	532.32
26 22 13 00-0075	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,975.86	561.89
26 22 13 00-0076	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,456.69	621.03
26 22 13 00-0077	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,996.92	680.19
26 22 13 00-0078	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,252.82	739.33
26 22 13 00-0079	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	22,438.91	828.05
26 22 13 00-0080	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,329.64	857.62
26 22 13 00-0081	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	28,207.28	887.19
26 22 13 00-0082	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	35,719.81	916.77
26 22 13 00-0083	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	39,990.00	1,123.78
26 22 13 00-0084	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	44,689.55	1,182.93
26 22 13 00-0085	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	51,328.97	1,242.07
26 22 13 00-0086	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	62,654.97	1,478.66
26 22 13 00-0087	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	83,263.86	1,744.82
26 22 13 00-0088	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	87,790.36	1,922.26
26 22 13 00-0089	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	107,165.07	2,129.27
26 22 13 00-0090	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	132,583.27	2,365.85
26 22 13 00-0091		208V Drive Isolation Transformers *(26 22 13 00-0070)*		
26 22 13 00-0092	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,867.17	473.17
26 22 13 00-0093	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,781.84	502.74
26 22 13 00-0094	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,212.08	532.32
26 22 13 00-0095	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,680.93	561.89
26 22 13 00-0096	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,180.22	621.03
26 22 13 00-0097	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,733.67	650.61
26 22 13 00-0098	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	20,216.68	768.90
26 22 13 00-0099	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	23,496.76	828.05
26 22 13 00-0100	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	25,480.71	857.62
26 22 13 00-0101	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	29,552.72	887.19
26 22 13 00-0102	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	37,444.62	916.77
26 22 13 00-0103	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	41,911.09	1,123.78
26 22 13 00-0104	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	46,843.82	1,182.93
26 22 13 00-0105	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	53,815.17	1,242.07
26 22 13 00-0106	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	65,693.58	1,478.66
26 22 13 00-0107		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0108	EA	9 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,127.13	487.96
26 22 13 00-0109	EA	15 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	9,504.84	532.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*422.01*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*633.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0110		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0111	EA	30 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	10,572.57	650.61
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*463.57*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*695.35*	
		For K4 Factor Rating, Add	*6,489.95*	
		For K13 Factor Rating, Add	*9,271.35*	
		For K20 Factor Rating, Add	*12,052.76*	
26 22 13 00-0112	EA	37.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	12,879.42	709.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*573.00*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*859.49*	
		For K4 Factor Rating, Add	*8,021.93*	
		For K13 Factor Rating, Add	*11,459.90*	
		For K20 Factor Rating, Add	*14,897.87*	
26 22 13 00-0113	EA	45 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	13,424.64	768.90
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*594.34*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*891.51*	
		For K4 Factor Rating, Add	*8,320.78*	
		For K13 Factor Rating, Add	*11,886.83*	
		For K20 Factor Rating, Add	*15,452.88*	
26 22 13 00-0114	EA	50 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	17,902.75	828.05
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*812.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,218.50*	
		For K4 Factor Rating, Add	*11,372.66*	
		For K13 Factor Rating, Add	*16,246.66*	
		For K20 Factor Rating, Add	*21,120.66*	
26 22 13 00-0115	EA	75 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	17,547.45	887.19
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*788.65*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,182.98*	
		For K4 Factor Rating, Add	*11,041.14*	
		For K13 Factor Rating, Add	*15,773.06*	
		For K20 Factor Rating, Add	*20,504.98*	
26 22 13 00-0116	EA	112.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	21,902.63	1,064.63
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*988.67*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,483.00*	
		For K4 Factor Rating, Add	*13,841.35*	
		For K13 Factor Rating, Add	*19,773.36*	
		For K20 Factor Rating, Add	*25,705.37*	
26 22 13 00-0117	EA	150 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	28,736.67	1,182.93
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,318.54*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,977.81*	
		For K4 Factor Rating, Add	*18,459.57*	
		For K13 Factor Rating, Add	*26,370.82*	
		For K20 Factor Rating, Add	*34,282.07*	
26 22 13 00-0118	EA	225 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	39,393.53	1,478.66
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,821.81*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,732.72*	
		For K4 Factor Rating, Add	*25,505.35*	
		For K13 Factor Rating, Add	*36,436.21*	
		For K20 Factor Rating, Add	*47,367.07*	
26 22 13 00-0119	EA	300 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	47,970.80	1,833.54
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,215.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,322.78*	
		For K4 Factor Rating, Add	*31,012.61*	
		For K13 Factor Rating, Add	*44,303.73*	
		For K20 Factor Rating, Add	*57,594.85*	
26 22 13 00-0120	EA	500 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	69,370.76	2,247.56
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,243.78*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,865.67*	
		For K4 Factor Rating, Add	*45,412.94*	
		For K13 Factor Rating, Add	*64,875.63*	
		For K20 Factor Rating, Add	*84,338.32*	
26 22 13 00-0121	EA	750 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	163,687.98	2,721.22
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*7,912.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*11,868.49*	
		For K4 Factor Rating, Add	*110,772.56*	
		For K13 Factor Rating, Add	*158,246.52*	
		For K20 Factor Rating, Add	*205,720.48*	
26 22 13 00-0122	EA	1,000 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	216,599.32	2,957.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*10,534.23*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*15,801.35*	
		For K4 Factor Rating, Add	*147,479.28*	
		For K13 Factor Rating, Add	*210,684.69*	
		For K20 Factor Rating, Add	*273,890.10*	
26 22 13 00-0123		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0124	EA	6 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	5,710.99	458.39
		For K4 Factor Rating, Add	*3,355.95*	
		For K13 Factor Rating, Add	*4,794.22*	
		For K20 Factor Rating, Add	*6,232.49*	
26 22 13 00-0125	EA	9 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,127.13	487.96
		For K4 Factor Rating, Add	*4,305.85*	
		For K13 Factor Rating, Add	*6,151.21*	
		For K20 Factor Rating, Add	*7,996.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0126	EA	15 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	9,504.84	532.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*422.01*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*633.02*	
		For K4 Factor Rating, Add	*5,908.15*	
		For K13 Factor Rating, Add	*8,440.21*	
		For K20 Factor Rating, Add	*10,972.27*	
26 22 13 00-0127		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0128	EA	30 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	18,949.62	650.61
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*882.42*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,323.63*	
		For K4 Factor Rating, Add	*12,353.88*	
		For K13 Factor Rating, Add	*17,648.40*	
		For K20 Factor Rating, Add	*22,942.92*	
26 22 13 00-0129	EA	45 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	21,176.96	768.90
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*981.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,472.94*	
		For K4 Factor Rating, Add	*13,747.41*	
		For K13 Factor Rating, Add	*19,639.15*	
		For K20 Factor Rating, Add	*25,530.90*	
26 22 13 00-0130	EA	75 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	31,643.20	887.19
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,493.44*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,240.16*	
		For K4 Factor Rating, Add	*20,908.17*	
		For K13 Factor Rating, Add	*29,868.81*	
		For K20 Factor Rating, Add	*38,829.45*	
26 22 13 00-0131	EA	112.5 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	39,804.53	1,064.63
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,883.76*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,825.64*	
		For K4 Factor Rating, Add	*26,372.68*	
		For K13 Factor Rating, Add	*37,675.26*	
		For K20 Factor Rating, Add	*48,977.84*	
26 22 13 00-0132	EA	150 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	48,101.06	1,182.93
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,286.76*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,430.14*	
		For K4 Factor Rating, Add	*32,014.65*	
		For K13 Factor Rating, Add	*45,735.21*	
		For K20 Factor Rating, Add	*59,455.77*	
26 22 13 00-0133	EA	225 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	61,718.20	1,478.66
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,938.04*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,407.07*	
		For K4 Factor Rating, Add	*41,132.62*	
		For K13 Factor Rating, Add	*58,760.88*	
		For K20 Factor Rating, Add	*76,389.14*	
26 22 13 00-0134	EA	300 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	74,983.88	1,833.54
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,565.84*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,348.76*	
		For K4 Factor Rating, Add	*49,921.77*	
		For K13 Factor Rating, Add	*71,316.81*	
		For K20 Factor Rating, Add	*92,711.85*	
26 22 13 00-0135	EA	500 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	121,629.17	2,247.56
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*5,856.70*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*8,785.05*	
		For K4 Factor Rating, Add	*81,993.83*	
		For K13 Factor Rating, Add	*117,134.04*	
		For K20 Factor Rating, Add	*152,274.25*	
26 22 13 00-0136		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0065)*		
26 22 13 00-0137		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0136)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	8,826.34	532.32
26 22 13 00-0139	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	13,596.19	650.61
26 22 13 00-0140	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	20,259.87	768.90
26 22 13 00-0141	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	26,043.73	887.19
26 22 13 00-0142	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	39,565.93	1,064.63
26 22 13 00-0143	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	48,309.83	1,182.93
26 22 13 00-0144	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	56,014.34	1,478.66
26 22 13 00-0145	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	89,813.90	1,833.54
26 22 13 00-0146		3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0136)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0147	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	10,384.65	532.32
26 22 13 00-0148	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	16,056.68	650.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0149	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	24,002.79	768.90
26 22 13 00-0150	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	30,890.14	887.19
26 22 13 00-0151	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	47,051.78	1,064.63
26 22 13 00-0152	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	57,503.10	1,182.93
26 22 13 00-0153	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	66,624.25	1,478.66
26 22 13 00-0154	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	107,044.76	1,833.54
26 22 13 00-0155		NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0065)*		
26 22 13 00-0156		Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0155)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0157		150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,484.46	532.41
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,250.67	650.72
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,121.72	769.04
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,852.56	887.35
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,147.53	1,064.82
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,356.02	1,183.13
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,041.33	1,478.92
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	21,132.82	1,833.85
26 22 13 00-0166		115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,212.46	532.41
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,132.50	650.72
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,197.06	769.04
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,376.16	887.35
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,720.13	1,064.82
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,052.95	1,183.13
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	18,666.62	1,478.92
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	26,372.35	1,833.85
26 22 13 00-0175		80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0176	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,937.52	532.41
26 22 13 00-0177	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,016.78	650.72
26 22 13 00-0178	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,272.41	769.04
26 22 13 00-0179	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,897.32	887.35
26 22 13 00-0180	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,704.24	1,064.82
26 22 13 00-0181	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	16,749.87	1,183.13
26 22 13 00-0182	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	22,291.92	1,478.92
26 22 13 00-0183	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	31,611.88	1,833.85
26 22 13 00-0184		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0155)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0185		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0184)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,695.01	532.41
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,722.84	650.72
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,912.32	769.04
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,390.26	887.35
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,733.63	1,064.82
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	15,943.98	1,183.13
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,206.78	1,478.92
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	30,046.63	1,833.85
26 22 13 00-0194		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0184)*		
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,420.07	532.41
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,607.12	650.72
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,987.67	769.04
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,913.88	887.35
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,594.08	1,064.82
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	20,906.71	1,183.13
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	26,683.92	1,478.92
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	39,719.80	1,833.85
26 22 13 00-0203		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0184)*		
26 22 13 00-0204	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,147.58	532.41
26 22 13 00-0205	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,491.39	650.72
26 22 13 00-0206	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,063.00	769.04
26 22 13 00-0207	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,435.02	887.35
26 22 13 00-0208	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,695.19	1,064.82
26 22 13 00-0209	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	25,406.49	1,183.13
26 22 13 00-0210	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	32,158.60	1,478.92
26 22 13 00-0211	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	47,445.60	1,833.85
26 22 13 00-0212		3 Phase Weathershields *(26 22 13 00-0065)* Note: Use with type DT-3 and DS-3.		
26 22 13 00-0213	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,050.40	
26 22 13 00-0214	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,481.96	
26 22 13 00-0215	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,481.96	
26 22 13 00-0216		Three Phase Mounting Brackets *(26 22 13 00-0065)*		
26 22 13 00-0217	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	1,514.70	210.07
26 22 13 00-0218		Foam Core Poly Transformer Pads *(26 22 13)*		
26 22 13 00-0219	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	519.00	39.44

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*
Note: Copper bus, non-metering type, with fuses.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,217.82	1,005.51
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,677.35	1,063.56
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,647.55	1,206.45
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,239.16	1,293.35
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,346.92	1,378.99
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	14,896.65	1,466.24
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,145.08	1,005.51
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,631.56	1,063.56
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,293.31	1,207.48
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,777.68	1,293.35
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,346.92	1,380.37
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,896.65	1,466.24
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	17,945.70	1,532.92
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	20,358.55	1,642.23
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	24,063.23	1,770.30
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,825.12	890.89
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,128.30	948.49
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,582.16	1,091.84
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,868.28	1,137.70
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,125.51	1,178.74
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,525.92	1,263.81
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,894.87	1,350.48
26 24 13 00-0025		**Branch Breaker Units** *(26 24 13 00-0001)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker	371.07	35.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.04*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker	542.96	55.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.11*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,466.98	100.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.35*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,613.18	131.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.63*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,638.59	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker	7,461.76	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	12,088.21	573.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.18*	
26 24 13 00-0033		**Fusible Switch Type 480 Volt, 3 Phase, 3 Wire** *(26 24 13)*		
26 24 13 00-0034		**Incoming Service Section Main Device Only** *(26 24 13 00-0033)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,979.72	1,304.73
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,692.20	1,304.73
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,015.66	1,695.58
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	11,368.12	1,695.58
26 24 13 00-0039		**Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire** *(26 24 13)*		
26 24 13 00-0040		**Incoming Service Section Main Device Only** *(26 24 13 00-0039)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,797.96	890.89
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	4,236.72	948.49
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,556.78	1,091.84
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	7,125.48	1,177.82
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,678.20	890.89
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,940.78	948.49
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	8,384.98	1,091.84
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	12,111.64	1,177.82
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	14,229.94	1,321.97
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,631.36	775.82
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,955.36	833.53
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,469.64	976.89
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,740.11	1,022.75
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,002.43	1,063.56
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,346.24	1,137.70
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,683.18	1,206.45
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,814.07	1,494.40
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,513.86	1,638.10
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,693.68	1,767.42
26 24 13 00-0060		**Branch Breaker Units** *(26 24 13 00-0039)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	197.47	30.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.28*	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	313.32	50.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	968.97	70.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.42*	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,805.43	90.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.49*	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	4,405.51	221.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.76*	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	6,278.85	221.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.76*	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	10,343.34	422.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*253.50*	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0069 Incoming Service Section Main Device Only *(26 24 13 00-0068)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,219.22	1,005.51
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,675.78	1,063.56
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,645.53	1,206.45
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,236.82	1,293.35
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,341.62	1,378.99
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	14,896.65	1,466.24
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,146.48	1,005.51
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,629.99	1,063.56
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,293.31	1,207.48
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,775.34	1,293.35
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,344.27	1,380.37
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,896.65	1,466.24
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,972.26	890.89
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,332.03	948.49
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,887.84	1,091.84
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,190.13	1,137.70
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,482.92	1,178.74
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,869.25	1,263.81
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,260.84	1,350.48
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,257.73	1,534.64
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,934.30	1,642.12
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	8,219.96	1,764.55

26 24 13 00-0092 Branch Breaker Units *(26 24 13 00-0068)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	371.07	35.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.04*	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	542.96	55.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.11*	
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,466.98	100.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.35*	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,613.18	131.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.63*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,638.59	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	7,461.76	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	12,088.21	573.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.18*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,455.17	1,378.99
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,996.42	1,466.24
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,612.94	1,636.60
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	9,421.89	1,752.37
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	7,029.45	1,378.99
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,524.92	1,466.24
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	10,796.60	1,638.44
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,693.32	1,752.37
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,320.73	1,868.58
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,933.57	1,984.69
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,972.26	890.89
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,332.03	948.49
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,887.84	1,091.84
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,190.13	1,137.70
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,482.92	1,178.74
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,869.25	1,263.81
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,260.84	1,350.48

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	775.45	35.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.04*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	890.92	55.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.11*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,615.57	100.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.35*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,613.18	131.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.63*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	6,259.89	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	6,404.71	321.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.09*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	10,265.66	573.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.18*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	788.32	90.24
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	785.50	90.24
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	785.50	90.24
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,237.28	118.98
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,237.28	118.98
		For Electrical Interlock Kit, Add	*328.81*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	904.65	88.52
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,327.04	88.52
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	3,408.72	238.53

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,012.94	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,010.13	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,010.13	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,525.01	136.22
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,525.01	136.22
		For Electrical Interlock Kit, Add	*328.81*	

26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,097.08	100.01
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,785.65	100.01
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,575.68	267.03
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	6,542.03	342.11
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	12,210.64	463.50

26 24 13 00-0150 600 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,439.33	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,436.48	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,439.33	101.74
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,168.36	136.22
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,215.97	136.22
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,740.41	178.18
		For Electrical Interlock Kit, Add	*328.81*	

26 24 13 00-0157 600 Volt, 3 Pole, Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,556.31	100.01
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,368.66	100.01
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,758.28	267.03
		For Electrical Interlock Kit, Add	*314.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,989.65	342.11
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	12,210.64	463.50
26 24 13 00-0163		Service And Distribution Structures *(26 24 13)*		
26 24 13 00-0164		Distribution Section 600 Volt, 250 Volt DC *(26 24 13 00-0163)*		
26 24 13 00-0165		600 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,750.69	1,057.58
26 24 13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,295.49	1,057.58
26 24 13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,669.68	1,344.96
26 24 13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,041.05	1,344.96
26 24 13 00-0170		800 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,088.65	1,224.26
26 24 13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,618.78	1,224.26
26 24 13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,041.05	1,517.39
26 24 13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,374.66	1,517.39
26 24 13 00-0175		1,200 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,611.74	1,494.40
26 24 13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,154.40	1,494.40
26 24 13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,602.75	1,839.27
26 24 13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,091.50	1,839.27
26 24 13 00-0180		1,600 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,498.92	1,638.10
26 24 13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,142.08	1,638.10
26 24 13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,673.49	2,023.19
26 24 13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,099.24	2,023.19
26 24 13 00-0185		2,000 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,712.04	1,643.85
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,405.25	1,850.76
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,526.11	1,850.76
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,751.69	1,954.22
26 24 13 00-0190		3,000 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,554.27	1,850.76
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,673.32	1,850.76
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,898.90	1,954.22
26 24 13 00-0194		4,000 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,701.65	1,954.22
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,898.90	1,954.22
26 24 13 00-0197	EA	42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,980.35	1,954.22
26 24 13 00-0198		Pull Boy, Horizontal Mounted Across Top Of Switch Board *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	598.86	137.94
26 24 13 00-0200	EA	Drilled Bottom For Pull Boy	674.90	137.94
26 24 13 00-0201	EA	Cable Supports In Pull Box	244.24	34.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.16*	
26 24 13 00-0202		Underground Pull Sections *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal	577.50	160.93
26 24 13 00-0204	EA	24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal	1,006.15	206.91
26 24 13 00-0205	EA	24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal	1,006.15	206.91
26 24 13 00-0206	EA	14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	751.05	160.93
26 24 13 00-0207	EA	28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	1,079.12	235.65
26 24 13 00-0208	EA	14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,229.91	235.65
26 24 13 00-0209	EA	26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,286.99	304.62
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,356.54	304.62
26 24 13 00-0211		Switchboard Sections *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,677.78	957.91
26 24 13 00-0213	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	5,124.56	1,041.25
26 24 13 00-0214	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,423.52	1,330.48
26 24 13 00-0215	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,025.69	1,451.41
26 24 13 00-0216	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,493.15	1,545.10
26 24 13 00-0217	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,603.28	840.32
26 24 13 00-0218	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	3,149.63	798.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0219	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,492.43	865.61
26 24 13 00-0220	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	7,963.21	957.91
26 24 13 00-0221	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	8,540.89	960.44
26 24 13 00-0222	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	9,372.57	1,072.29
26 24 13 00-0223	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	174.65	57.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.10*	
26 24 13 00-0224	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	213.47	58.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.47*	
26 24 13 00-0225	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	1,010.28	69.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.34*	
26 24 13 00-0226	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,679.56	148.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.41*	
26 24 13 00-0227	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	663.77	207.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.85*	
26 24 13 00-0228	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,898.90	119.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.34*	

26 24 13 00-0229 Switchboard, Structure Per Section Copper, 480 Volt *(26 24 13 00-0163)*

26 24 13 00-0230	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,424.63	498.90
26 24 13 00-0231	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,453.48	674.67
26 24 13 00-0232	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,866.10	821.12
26 24 13 00-0233	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,860.99	1,149.54
26 24 13 00-0234	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,022.02	1,436.92
26 24 13 00-0235	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,656.13	1,436.92
26 24 13 00-0236	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,198.85	1,915.94
26 24 13 00-0237	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	9,414.74	1,915.94
26 24 13 00-0238	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	11,067.37	2,280.80
26 24 13 00-0239	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	13,304.73	2,280.80

26 24 13 00-0240 Main Devices *(26 24 13)*

26 24 13 00-0241 Power Circuit Breakers *(26 24 13 00-0240)*

26 24 13 00-0242 DSL Breaker With Current Limiters And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0243	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	8,581.52	1,207.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*722.68*	
26 24 13 00-0244	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	15,684.53	2,011.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,205.81*	
26 24 13 00-0245	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	35,483.93	3,379.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,009.69*	
26 24 13 00-0246	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	57,139.37	5,471.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,341.69*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	3,044.81	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	393.23	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	515.89	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	371.58	

26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0252	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	10,073.63	1,264.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*762.29*	
26 24 13 00-0253	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	18,745.82	2,126.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,269.74*	
26 24 13 00-0254	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	39,896.29	3,506.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,113.13*	
26 24 13 00-0255	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	61,555.65	5,747.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,533.43*	

26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.

26 24 13 00-0257	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	6,810.34	1,103.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*663.20*	
26 24 13 00-0258	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	12,485.15	1,850.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,105.33*	
26 24 13 00-0259	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	18,458.84	3,103.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,842.22*	
26 24 13 00-0260	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	31,881.81	5,000.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,068.17*	
26 24 13 00-0261	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	51,858.00	8,161.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,101.52*	

26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.

26 24 13 00-0263	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	8,068.22	1,057.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*632.54*	
26 24 13 00-0264	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	15,086.42	1,770.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,053.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0265	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	21,424.55	2,942.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,759.50*	
26 24 13 00-0266	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	35,352.83	4,793.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,932.50*	
26 24 13 00-0267	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	55,213.16	8,219.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,898.62*	

26 24 13 00-0268 Molded Case Circuit Breakers Conventional *(26 24 13 00-0241)*

26 24 13 00-0269	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	2,829.95	965.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*556.23*	
26 24 13 00-0270	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,186.71	965.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*605.02*	
26 24 13 00-0271	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,645.78	1,149.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*663.20*	
26 24 13 00-0272	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,538.90	1,149.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*718.46*	
26 24 13 00-0273	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	8,284.84	1,379.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*787.36*	
26 24 13 00-0274	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	13,482.15	1,379.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*870.87*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	389.62	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	90.19	

26 24 13 00-0277 Switchboard Branch Breaker 480 Volt *(26 24 13 00-0240)*

26 24 13 00-0278	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	604.80	83.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.98*	
26 24 13 00-0279	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	711.60	110.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.32*	
26 24 13 00-0280	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,079.82	166.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.90*	
26 24 13 00-0281	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,750.78	208.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.31*	
26 24 13 00-0282	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,325.50	280.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.06*	
26 24 13 00-0283	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	4,013.18	359.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.54*	
26 24 13 00-0284	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,459.38	547.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.44*	
26 24 13 00-0285	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,459.38	547.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.44*	
26 24 13 00-0286	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	9,059.88	766.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*459.82*	
26 24 13 00-0287	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	11,276.94	1,149.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*689.73*	

26 24 13 00-0288 Switchboard 277/480 Volt Main Breaker *(26 24 13 00-0240)*

26 24 13 00-0289	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,354.00	498.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.36*	
26 24 13 00-0290	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,448.85	546.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*327.82*	
26 24 13 00-0291	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,998.33	821.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.66*	
26 24 13 00-0292	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,717.70	1,149.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*689.73*	
26 24 13 00-0293	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,961.84	1,271.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*762.97*	
26 24 13 00-0294	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	18,344.77	2,280.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,368.50*	

26 24 13 00-0295 Branch Or Distribution Devices *(26 24 13)*

26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0297	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	657.04	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 13 00-0298	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	660.25	51.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 24 13 00-0299	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,609.51	62.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 24 13 00-0300	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,337.20	80.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	
26 24 13 00-0301	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,299.71	99.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.21*	
26 24 13 00-0302	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	4,326.36	116.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.59*	
26 24 13 00-0303	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	6,619.72	131.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.59*	

26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0305	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	451.88	31.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 24 13 00-0306	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	580.10	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 13 00-0307	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,607.17	51.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 24 13 00-0308	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,554.73	57.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 24 13 00-0309	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,694.73	74.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.00*	
26 24 13 00-0310	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	6,127.65	108.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.42*	

26 24 13 00-0311 Meter Devices And Instrumentation *(26 24 13)*

Note: Factory installed accessories.

26 24 13 00-0312 Compartments For Instrument Transformers And Metering Devices *(26 24 13 00-0311)*

26 24 13 00-0313	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	470.79
26 24 13 00-0314	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	680.03
26 24 13 00-0315	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	800.89

26 24 13 00-0316 Instruments *(26 24 13 00-0311)*

26 24 13 00-0317	EA	AC Voltmeter	642.15
26 24 13 00-0318	EA	AC Ammeter	642.15
26 24 13 00-0319	EA	AC Wattmeter	1,715.41
26 24 13 00-0320	EA	Variometer	1,937.28
26 24 13 00-0321	EA	Power Factor Meter	1,547.66
26 24 13 00-0322	EA	Frequency Meter	1,708.19
26 24 13 00-0323	EA	200 Volt-Amperes Max Potential Transformer	577.21
26 24 13 00-0324	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	2,173.57
26 24 13 00-0325	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,636.45
26 24 13 00-0326	EA	Weatherproof, Modify Meter	3,449.12
26 24 13 00-0327	EA	Control Switch Resistor Type 130 V	79.36
26 24 13 00-0328	EA	Metering Instrument: Voltage, Amperes And Watt Hour	4,386.48

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

26 24 16 00-0002 Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,282.44	327.62
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,455.59	327.62
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,651.13	454.07
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,849.86	454.07
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,036.19	569.02
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,227.40	569.02
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,412.36	655.24
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,894.26	839.16
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,044.09	839.16
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,192.64	959.87
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,432.90	959.87
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,581.60	1,080.57
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,801.24	1,080.57
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	3,934.01	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,156.83	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,359.72	1,321.97
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,501.75	1,321.97
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,704.30	1,321.97
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,529.45	316.13
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,705.09	316.13
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,106.03	540.29
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,389.53	540.29
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,579.70	660.99
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,777.68	660.99
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,954.08	793.18
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,576.89	793.18
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,733.44	971.37
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,903.02	971.37
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,088.25	1,092.07
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,239.46	1,092.07
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,400.31	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,572.32	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,757.28	1,413.93
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,957.41	1,413.93
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,175.48	1,413.93
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,311.75	1,494.40
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0041 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,550.66	373.61
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,738.28	373.61
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,951.69	500.05
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,176.49	500.05
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,377.63	615.00
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,592.28	615.00
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,794.86	729.96
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,002.98	729.96
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,197.90	856.40
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,422.40	856.40
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,649.93	988.61
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,874.38	988.61
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,319.00	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,469.19	1,195.52
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,731.74	1,327.72
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,968.04	1,327.72
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,136.89	1,448.42
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,370.98	1,448.42
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,246.59	1,285.18
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,412.39	1,350.71
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,686.42	1,422.55
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,939.99	1,505.90
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,118.84	1,551.89
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,404.09	1,646.72
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0066		120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,856.25	362.11
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,046.20	362.11
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,273.28	477.06
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,592.96	477.06
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,050.56	718.46
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,247.39	718.46
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,459.83	839.16
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,635.90	839.16
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,874.67	971.37
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,036.25	971.37
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,301.83	1,092.07
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,530.62	1,092.07
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,332.26	1,264.50
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,566.26	1,333.47
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,664.66	1,333.47
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,926.71	1,505.90
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,111.35	1,505.90
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	6,230.30	1,505.90
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,286.63	1,385.20
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,541.87	1,465.66
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,643.45	1,505.90
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,925.91	1,597.87
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,109.37	1,643.85
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,280.64	1,701.32
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,757.00	367.86
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,006.04	367.86
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,245.20	505.80
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,494.22	505.80
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,727.13	632.25
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,972.01	632.25
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,227.12	764.44
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,461.76	764.44
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,718.73	908.13
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,967.17	908.13
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,196.40	1,034.59
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,441.27	1,034.59
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,960.68	1,258.75
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,205.28	1,258.75
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,465.06	1,379.45
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,657.37	1,379.45
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,945.30	1,523.14
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,153.69	1,523.14
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0110		**480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,239.63	390.85
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,483.21	425.33
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,729.38	528.79
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,277.87	643.74
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,512.11	712.71
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,726.13	770.19
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,961.41	839.16
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,188.03	908.13
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,395.88	965.62
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,618.44	1,023.10
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,858.79	1,092.07
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,120.91	1,178.28
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,467.81	1,310.48
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,719.40	1,390.94
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,900.04	1,425.43
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,182.16	1,517.39
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	7,380.23	1,574.88
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,585.39	1,624.30
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0129		**277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,143.99	402.34
		For NEMA 3R Panelboard, Add	*1,579.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,423.34	402.34
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,695.72	534.54
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,970.23	534.54
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,249.07	660.99
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,522.31	660.99
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,799.91	793.18
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,076.38	793.18
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,377.56	931.13
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,631.40	931.13
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,899.05	936.88
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,183.40	936.88
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,901.84	1,298.98
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,192.86	1,298.98
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,419.88	1,367.95
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,736.72	1,459.91
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,978.39	1,459.91
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,328.93	1,597.87
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,786.07	494.31
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	3,071.81	494.31
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,347.13	655.24
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,985.08	655.24
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	4,249.28	827.67
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,513.08	827.67
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,768.21	948.38
		For NEMA 3R Panelboard, Add	*1,579.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	5,004.58	948.38
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	5,255.65	1,080.57
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,524.51	1,080.57
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,756.76	1,195.52
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	6,000.15	1,195.52
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	7,876.24	1,413.93
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	8,170.44	1,413.93
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	8,389.47	1,546.14
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	8,717.38	1,546.14
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	8,955.80	1,689.83
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	9,202.10	1,689.83
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	10,942.45	1,881.80
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	13,324.45	2,258.85
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST
26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	691.01
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	793.99
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,076.37
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,241.40
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,403.87
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,567.90
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,701.38
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,862.10	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,007.90	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,140.31	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,335.07	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,026.58	
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,161.35	
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,857.11	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,059.85	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,249.48	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,933.64	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,156.70	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,359.44	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,410.26	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,505.02	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,770.27	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,931.89	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,081.34	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,378.26	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,502.83	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,655.33	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,864.16	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,991.66	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,173.71	

26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,737.61	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,863.48	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,683.91	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,870.21	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,047.51	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,714.54	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,929.38	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	5,130.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0213		240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*		
26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	777.93	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	914.05	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,027.24	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,159.51	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,334.04	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,476.48	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,701.93	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,832.91	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,976.97	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,156.99	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,382.75	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,824.85	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0227		Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*		
26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,204.66	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,358.06	
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,550.16	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,305.14	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,495.04	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,669.51	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,705.15	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,911.50	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,083.17	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0237		Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*		
26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,497.18	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,625.08	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,729.37	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,853.42	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,024.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,153.95	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,512.29	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,634.36	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,770.21	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,013.25	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,223.25	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,665.34	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,915.69	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,060.19	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,247.50	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,131.93	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,305.40	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,467.54	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,204.20	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,417.68	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,601.40	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,121.83	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,229.19	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,693.77	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,886.88	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,053.74	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,042.17	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,150.07	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,334.54	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,447.17	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,622.87	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,862.71	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,310.51	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,383.55	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,586.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,723.67	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,991.47	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,889.24	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,057.97	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,274.45	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,401.66	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,623.44	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,825.84	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,816.43	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,923.79	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,371.93	
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,684.23	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,837.38	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,825.81	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,913.16	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,068.18	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,249.30	
26 24 16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,408.20	
26 24 16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,611.91	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,153.06	
26 24 16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,226.10	
26 24 16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,271.24	
26 24 16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,401.82	
26 24 16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,788.81	
26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,672.88	
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,821.06	
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,008.08	
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,135.29	
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,338.22	
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,537.70	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,168.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,276.46	
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,475.92	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,762.31	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,956.92	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,122.44	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,132.80	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,262.41	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,445.51	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,558.41	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,734.85	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,975.55	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0323		Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,550.26	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,623.98	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,842.50	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,916.48	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,053.81	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,320.89	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,275.85	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,446.61	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,660.81	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,864.92	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,088.88	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,291.10	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0336		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,863.01	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,971.05	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,160.24	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,440.47	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,754.26	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,906.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,918.50	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,025.50	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,179.14	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,360.54	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,519.86	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,723.57	

26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,228.41	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,302.14	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,639.84	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,600.80	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,731.96	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,118.24	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,059.49	
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,209.71	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,394.45	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,598.56	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,803.34	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	6,002.13	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,965.14	341.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.15*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,308.52	341.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.09*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,567.09	341.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.09*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,906.94	561.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*336.80*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,107.07	561.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*336.80*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,326.67	561.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*336.80*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,576.78	746.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*447.69*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,769.07	748.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*449.06*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,847.74	746.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*447.69*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,482.65	746.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*447.69*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,823.63	1,122.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*673.60*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,255.75	1,122.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*673.60*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,609.07	1,122.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*673.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,040.31	1,122.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*673.60*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,836.47	349.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.48*	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,044.22	395.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.61*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,293.93	395.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.61*	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,028.89	395.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.61*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,846.63	649.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.51*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,259.19	650.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*390.54*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,599.31	649.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.51*	
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,915.11	867.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*520.72*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,403.98	864.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*518.88*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,891.01	864.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*518.88*	

26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0391 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0392	EA	30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	158.27	57.48
26 24 16 00-0393	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	524.19	229.90
26 24 16 00-0394	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	795.70	328.20
26 24 16 00-0395	EA	125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,702.90	689.84
26 24 16 00-0396	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,863.60	747.20

26 24 16 00-0397 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.

26 24 16 00-0398	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	223.44	63.22
26 24 16 00-0399	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	407.85	68.97

26 24 16 00-0400 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0401	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	227.41	63.22
26 24 16 00-0402	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	253.91	68.97
26 24 16 00-0403	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	875.08	328.20
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,984.40	747.20

26 24 16 00-0405 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0406	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	283.84	63.22
26 24 16 00-0407	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	1,923.97	689.84

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0408		**Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt** *(26 24 16 00-0390)*		
26 24 16 00-0409	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,079.11	689.84
26 24 16 00-0410	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,257.06	747.20
26 24 16 00-0411	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	8,191.79	1,149.54
26 24 16 00-0412		**Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)*		
		Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
26 24 16 00-0413	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,081.42	689.84
26 24 16 00-0414	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,362.05	747.20
26 24 16 00-0415	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	9,035.16	1,149.54
26 24 16 00-0416		**Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0417	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,191.28	689.84
26 24 16 00-0418	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,448.62	747.20
26 24 16 00-0419		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)*		
		Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,267.45	689.84
26 24 16 00-0421	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,382.24	747.20
26 24 16 00-0422		**Residential Type Assembled Load Center** *(26 24 16 00-0389)*		
26 24 16 00-0423		**Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	796.21	328.20
26 24 16 00-0425	EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	972.13	383.37
26 24 16 00-0426	EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	815.20	328.20
26 24 16 00-0427	EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	977.31	383.37
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,425.81	510.98
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,680.44	613.28
26 24 16 00-0430	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,920.64	707.54
26 24 16 00-0431	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,118.66	765.94
26 24 16 00-0432	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,170.59	1,149.54
26 24 16 00-0433	EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,493.12	510.98
26 24 16 00-0434	EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,744.29	613.28
26 24 16 00-0435	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,984.49	707.54
26 24 16 00-0436	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,179.06	765.94
26 24 16 00-0437	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,369.05	1,149.54
26 24 16 00-0438	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,926.50	1,277.26
26 24 16 00-0439	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,133.59	1,277.26
26 24 16 00-0440		**Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,068.77	383.37
26 24 16 00-0442	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,593.05	574.77
26 24 16 00-0443	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,125.72	383.37
26 24 16 00-0444	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,644.83	574.77
26 24 16 00-0445	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,019.01	707.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0446	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,205.76	766.40
26 24 16 00-0447	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,702.72	919.98
26 24 16 00-0448	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,239.62	1,149.54
26 24 16 00-0449	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,079.41	707.54
26 24 16 00-0450	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,273.98	765.94
26 24 16 00-0451	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,934.52	919.28
26 24 16 00-0452	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,472.59	1,149.54
26 24 16 00-0453	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,978.27	1,277.26
26 24 16 00-0454	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,185.36	1,277.26

26 24 16 00-0455 Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0456	EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,061.87	383.37
26 24 16 00-0457	EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,568.89	574.77
26 24 16 00-0458	EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,821.95	613.28
26 24 16 00-0459	EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,088.73	707.88
26 24 16 00-0460	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,300.67	766.40
26 24 16 00-0461	EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,044.93	1,021.94
26 24 16 00-0462	EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,839.21	613.28
26 24 16 00-0463	EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,122.55	707.54
26 24 16 00-0464	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,308.49	765.94
26 24 16 00-0465	EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,950.01	1,021.94
26 24 16 00-0466	EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,704.01	1,277.26
26 24 16 00-0467	EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	6,049.16	1,277.26

26 24 16 00-0468 Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0469	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,783.88	766.40
26 24 16 00-0470	EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,791.85	1,149.54
26 24 16 00-0471	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,886.61	765.94
26 24 16 00-0472	EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,895.40	1,149.54

26 24 16 00-0473 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

26 24 16 00-0474 Midget Finger-Safe Fuse Holders *(26 24 16 00-0473)*

Note: 30 Amp capacity. Excludes fuse.

26 24 16 00-0475	EA	1 Pole Midget Finger-Safe Fuse Holder	76.26	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 24 16 00-0476	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	90.60	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 24 16 00-0477	EA	2 Pole Midget Finger-Safe Fuse Holder	123.50	31.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 24 16 00-0478	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	160.94	31.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 24 16 00-0479	EA	3 Pole Midget Finger-Safe Fuse Holder	182.36	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 16 00-0480	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	232.08	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 16 00-0481	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	273.67	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 16 00-0482	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	218.53	41.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 24 16 00-0483	EA	4 Pole Midget Finger-Safe Fuse Holder	229.75	51.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 24 16 00-0484	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	284.35	51.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0485	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	90.65	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 24 16 00-0486	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	98.26	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 24 16 00-0487	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	92.05	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 24 16 00-0488		Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)* Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0489	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,443.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.08*	
26 24 16 00-0490	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	76.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.42*	
26 24 16 00-0491	EA	Panelboard Filler Plate, Fits 1" Opening	5.59	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.08*	

26 24 19 Motor-Control Centers *(26 24)*

26 24 19 00-0001		Combination Starters With Molded Case Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002		230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,518.11	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,984.93	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,451.22	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	8,083.26	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	16,302.41	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	27,438.24	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0009		480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,518.11	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,984.93	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,451.22	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	8,083.26	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	16,302.41	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	27,438.24	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0016		230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,657.64	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,880.13	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	7,003.10	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	12,264.77	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	24,160.86	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	41,648.62	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0023		480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,657.64	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,880.13	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	7,003.10	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	12,264.77	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	24,160.86	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	41,648.62	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,442.78	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	6,119.98	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,023.61	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	16,147.54	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	26,769.02	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,442.78	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	6,119.98	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,023.61	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	16,147.54	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	26,769.02	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	5,147.25	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,668.61	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	10,503.79	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	19,746.59	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	34,225.94	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	5,147.25	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,668.61	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	10,503.79	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	19,746.59	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	34,225.94	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,620.32	110.29
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	11,675.56	120.80
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	19,691.06	136.55
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	30,469.34	157.55
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	52,136.20	210.07
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,620.32	110.29
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,675.56	120.80
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	19,691.06	136.55
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	30,469.34	157.55
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	52,136.20	210.07
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	5,188.79	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,706.77	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	11,813.92	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	20,153.19	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	27,690.35	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0072		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	5,188.79	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,706.77	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	11,813.92	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	20,153.19	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	27,690.35	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0078		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	21,533.15	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	22,839.50	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	25,219.38	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	38,197.05	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	52,098.79	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	70,705.36	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0085		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	21,533.15	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	22,839.50	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	25,219.38	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	38,197.05	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	52,098.79	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	70,705.36	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0092		**Combination Starters With Current Limiting Circuit Breakers** *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,375.18	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,841.99	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,950.48	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	10,977.97	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	19,667.90	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	32,066.39	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0100		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,375.18	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,841.99	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,950.48	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	10,977.97	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	19,667.90	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	32,066.39	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,507.47	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,720.29	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	8,468.56	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	15,120.85	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	27,458.75	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,507.47	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,720.29	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	8,468.56	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	15,120.85	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	27,458.75	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,278.12	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,943.24	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	10,464.93	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	18,969.82	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	30,040.36	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,278.12	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,943.24	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	10,464.93	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	18,969.82	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	30,040.36	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	6,087.65	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,592.91	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	12,063.91	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	22,671.61	204.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.89*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	37,600.16	241.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.96*	
26 24 19 00-0137		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	6,087.65	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,592.91	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	12,063.91	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	22,671.61	204.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.89*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	37,600.16	241.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.96*	
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	8,431.52	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	13,587.66	120.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.48*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	22,976.88	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	34,817.44	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	57,295.49	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	8,431.52	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	13,587.66	120.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.48*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	22,976.88	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	34,817.44	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	57,295.49	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	6,024.13	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,525.21	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	13,245.59	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	23,480.05	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	34,648.27	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	6,024.13	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,525.21	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	13,245.59	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	23,480.05	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	34,648.27	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	

26 24 19 00-0167 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	22,226.04	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	23,525.16	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	25,880.89	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	38,745.09	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	52,523.70	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	73,619.38	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	

26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	22,226.09	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.95*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	23,525.16	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	25,880.89	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	38,745.09	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	52,523.70	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	73,619.38	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,238.06	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,093.57	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,228.62	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,234.86	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,003.54	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,774.31	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,238.06	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,093.57	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,228.62	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,234.86	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,003.54	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,774.31	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0196		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,626.26	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,411.27	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,668.95	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,138.24	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,761.07	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,001.15	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0203		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,626.26	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,411.27	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,668.95	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,138.24	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,761.07	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,001.15	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0210		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,239.98	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,839.92	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,204.68	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,461.39	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,240.30	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0216		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,239.98	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,839.92	178.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.14*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,204.68	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.44*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,461.39	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,240.30	252.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.26*	
26 24 19 00-0222		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,852.71	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,407.87	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,672.79	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,528.32	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0227		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,852.71	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,407.87	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,672.79	115.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.32*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,528.32	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0232		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,357.17	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,001.00	120.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.48*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,670.76	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,938.69	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,625.85	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0238		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,357.17	110.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.18*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,001.00	120.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.48*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,670.76	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,938.69	157.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.54*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,625.85	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0244		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,220.17	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,914.40	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,022.04	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	21,995.28	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0249		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,220.17	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,914.40	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,022.04	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	21,995.28	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0254		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,530.73	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,839.50	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,219.38	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,197.05	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,098.79	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,705.36	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	
26 24 19 00-0261		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,530.73	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.93*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,839.50	168.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.83*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,219.38	194.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,197.05	215.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.20*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,098.79	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,705.36	336.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.68*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

Note: Additional options or accessories for the Combination Starters

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	194.20
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	376.63
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	538.38
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	135.20
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	190.73
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	321.10
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	79.67
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	67.60
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	131.54
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	162.63
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	318.09
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	162.63
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	186.55
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	224.82
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	265.48
26 24 19 00-0285	EA	Blank Devices Panel	50.23
26 24 19 00-0286	EA	Oversize Or Special Color Starter	78.93
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	689.22
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non-Resettable	624.65
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	932.76
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	78.93
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	112.41
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	78.93
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	112.41
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	112.41
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	162.63
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	404.19
26 24 19 00-0297	EA	Heater Module	82.16
26 24 19 00-0298	EA	LAM - Long Acceleration Module	510.40
26 24 19 00-0299	EA	JAM - Jam Protection Module	585.09
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,110.43
26 24 19 00-0301	EA	ULM - Underload Module	532.81
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	117.02
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	219.10
26 24 19 00-0304	EA	Type SIS Control Wire	92.12
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	117.02
26 24 19 00-0306	EA	Ring Terminals Power	117.02
26 24 19 00-0307	EA	14 Gauge Control Wire	92.12
26 24 19 00-0308	EA	Wiring Diagram On Door	69.71
26 24 19 00-0309	EA	Special Color Or Type Control Wire	84.65
26 24 19 00-0310	EA	Current Transformer 12.5 VA	664.76
26 24 19 00-0311	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	2,123.76
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,390.16

26 24 19 00-0313 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0314	EA	600 Volt, 2 Pole, Control Relays	599.08
26 24 19 00-0315	EA	600 Volt, 4 Pole, Control Relays	705.90
26 24 19 00-0316	EA	600 Volt, 6 Pole, Control Relays	823.23
26 24 19 00-0317	EA	600 Volt, 8 Pole, Control Relays	914.46
26 24 19 00-0318	EA	Pneumatic Timer, Control Relays	801.61
26 24 19 00-0319	EA	Motor Driven Timer, Control Relays	2,088.88
26 24 19 00-0320	EA	7 Days Time Switch, Control Relays	2,629.14
26 24 19 00-0321	EA	24 Hour Time Switch, Control Relays	737.25
26 24 19 00-0322	EA	Phase Voltage, Control Relays	1,254.11
26 24 19 00-0323	EA	Two Circuit Alternator, Control Relays	1,755.36
26 24 19 00-0324	EA	Manual 120 Volt, Control Relays	171.64
26 24 19 00-0325	EA	Over-Current Relay, Control Relays	4,750.45
26 24 19 00-0326	EA	UV-Relay, Control Relays	4,023.44
26 24 19 00-0327	EA	Over-Current Relay, Control Relays	4,023.44
26 24 19 00-0328	EA	Teleductor, Control Relays	1,293.11
26 24 19 00-0329	EA	Current Transducer, Control Relays	3,477.56
26 24 19 00-0330	EA	Watt Transducer, Control Relays	6,955.12
26 24 19 00-0331	EA	Control Relays, Blank, Add For Each 1x	236.00
26 24 19 00-0332	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	353.02
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	397.88
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	442.74
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	397.88
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	442.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	466.15	

26 24 19 00-0338 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0339	EA	Shunt Trip, Circuit Breaker	482.15	
26 24 19 00-0340	EA	Auxiliary Switch, Circuit Breaker	166.54	
26 24 19 00-0341	EA	Key Interlock, Circuit Breaker	598.99	
26 24 19 00-0342	EA	GFR Ground Fault, Circuit Breaker	2,761.27	
26 24 19 00-0343	EA	Seltronic Breaker, Circuit Breaker	1,599.55	

26 24 19 00-0344 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0345	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,672.00	68.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,900.71	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	2,808.05	68.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	4,034.37	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	5,191.94	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	3,183.82	136.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.95*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	5,189.93	147.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.25*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	6,847.48	189.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.39*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	8,032.77	288.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.37*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	11,367.21	435.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.75*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	25,044.93	577.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.33*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	37,469.28	724.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*434.45*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	62,634.05	840.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*504.62*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,014.01	68.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	3,233.15	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,014.01	68.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	3,233.15	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	3,441.84	68.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.96*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	4,708.82	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	5,852.04	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	3,068.13	105.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	7,764.90	288.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.37*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	7,764.90	288.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.37*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	10,483.69	315.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*188.99*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	13,099.94	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.49*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	15,069.53	435.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.75*	

26 24 19 00-0371 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0372	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	1,967.84	105.04
26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	3,060.84	105.04
26 24 19 00-0374	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	2,888.66	131.30
26 24 19 00-0375	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	4,713.49	157.55
26 24 19 00-0376	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	9,322.60	199.57
26 24 19 00-0377	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	13,081.52	262.59
26 24 19 00-0378	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	31,897.96	351.88
26 24 19 00-0379	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	35,962.51	488.43

26 24 19 00-0380 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0381	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,631.13
26 24 19 00-0382	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,683.74
26 24 19 00-0383	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,738.75
26 24 19 00-0384	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,994.66
26 24 19 00-0385	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	2,162.08
26 24 19 00-0386	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,671.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0387	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	2,941.77	
26 24 19 00-0388	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	3,314.87	
26 24 19 00-0389	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	7,706.00	
26 24 19 00-0390	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	4,089.77	
26 24 19 00-0391	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	5,665.89	
26 24 19 00-0392	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	8,830.09	
26 24 19 00-0393	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	8,177.16	
26 24 19 00-0394	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	11,331.78	
26 24 19 00-0395	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	12,772.43	
26 24 19 00-0396	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	17,692.19	
26 24 19 00-0397		**Metering Equipment** *(26 24 19 00-0268)*		
26 24 19 00-0398	EA	Metering Equipment, Voltmeter, Panel Type	770.12	
26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Switchboard Type	1,683.74	
26 24 19 00-0400	EA	Metering Equipment, Ammeter, Panel	693.59	
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Switchboard Type	1,683.74	
26 24 19 00-0402	EA	Metering Equipment, Voltmeter/Ammeter, Switch	935.15	
26 24 19 00-0403	EA	Metering Equipment, Control Switch, 4 Circuits	992.55	
26 24 19 00-0404	EA	Add For Additional Circuits	136.94	
26 24 19 00-0405	EA	Metering Equipment, Indicating Wattmeter	3,472.72	
26 24 19 00-0406	EA	Metering Equipment, Indicating Power Factor	3,637.75	
26 24 19 00-0407	EA	Metering Equipment, Integrating Watt-hour	3,207.24	
26 24 19 00-0408	EA	Add For Demand Attachment	896.31	
26 24 19 00-0409	EA	800 Amperes, Metering Equipment, Current Transformer	959.06	
26 24 19 00-0410	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,655.04	
26 24 19 00-0411	EA	2,000 Amperes, Metering Equipment, Current Transformer	1,927.70	
26 24 19 00-0412	EA	Metering Equipment, Potential Transformer	1,607.21	
26 24 19 00-0413	EA	Metering Equipment, Surge Arrester	1,729.19	
26 24 19 00-0414	EA	Metering Equipment, Ground Detector System	1,322.60	
26 24 19 00-0415		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0416	EA	600 Amperes, Current Limiting Reactors	29,520.52	
26 24 19 00-0417	EA	800 Amperes, Current Limiting Reactors	42,990.46	
26 24 19 00-0418	EA	1,000 Amperes, Current Limiting Reactors	56,491.50	
26 24 19 00-0419	EA	1,200 Amperes, Current Limiting Reactors	85,990.50	
26 24 19 00-0420		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0421	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	523.90	
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	523.90	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	724.28	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,325.43	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	724.28	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	924.66	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	924.66	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,323.02	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	924.66	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,323.02	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,125.05	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,647.96	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,125.05	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,323.02	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,647.96	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,647.96	
26 24 19 00-0437	EA	Bus Duct Transition Pull Box	1,190.71	
26 24 19 00-0438	EA	Throat And Transition To Substation	2,298.64	
26 24 19 00-0439	EA	Service Entrance Label	497.80	
26 24 19 00-0440	EA	Type W To 5 Star - 10" Transition	1,040.54	
26 24 19 00-0441	EA	600 Amperes, Sub Feed Lugs On Main Bus	595.05	
26 24 19 00-0442		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0443	EA	Standard Structure Add For Each Additional 4" Of Structure Width	328.72	
26 24 19 00-0444	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	328.72	
26 24 19 00-0445	EA	Standard Structure Single Corner Section "L", 16" Depth	1,016.89	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 21" Depth	1,146.96	
26 24 19 00-0447	EA	Standard Structure Unused Space/Future Space	98.14	
26 24 19 00-0448	EA	Standard Structure NEMA 12 Dustproof	264.86	
26 24 19 00-0449	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	55.57	
26 24 19 00-0450	EA	Standard Structure 150 Watt Space	238.85	
26 24 19 00-0451	EA	Standard Structure Thermostat For Space Heater Control	724.52	
26 24 19 00-0452	EA	Standard Structure Rear Hinged Structure Door, 72" High	238.85	
26 24 19 00-0453	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	468.07	
26 24 19 00-0454	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,677.52	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,718.23	
26 24 19 00-0456	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,725.70	
26 24 19 00-0457		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0458	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	630.20	315.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	945.31	472.67
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,050.38	525.19
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,260.57	630.23
26 24 19 00-0462	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	105.04	52.52
26 24 19 00-0463	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	630.20	315.12
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	945.31	472.67
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,050.38	525.19
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,260.57	630.23
26 24 19 00-0467	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	105.04	52.52
26 24 19 00-0468	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	735.28	367.64
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	945.31	472.67
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,260.57	630.23
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,470.35	735.16
26 24 19 00-0472	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	157.55	78.78
26 24 19 00-0473	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	840.30	420.16
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,155.52	577.71
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,470.35	735.16
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,680.33	840.20
26 24 19 00-0477	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	210.07	105.04
26 24 19 00-0478	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	840.30	420.16
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,260.57	630.23
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,575.41	787.68
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,785.76	892.93
26 24 19 00-0482	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	210.07	105.04

26 24 19 00-0483 Motor Control Centers *(26 24 19)*

26 24 19 00-0484 2.4 KV Motor Control Centers *(26 24 19 00-0483)*

26 24 19 00-0485	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	17,949.13	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	17,949.13	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	17,949.13	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	18,001.67	236.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.81*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	19,115.55	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0490	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	19,168.05	288.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.31*	
26 24 19 00-0491	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	19,220.56	315.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.06*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	19,325.64	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.58*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	19,430.66	420.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.09*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	32,765.49	472.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.59*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	35,164.87	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0496	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	26,650.37	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	27,762.56	225.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.50*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	31,541.93	246.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.10*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	35,111.41	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	38,197.38	304.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.78*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	41,852.38	325.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*195.38*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	45,505.20	346.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.96*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	49,837.43	378.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.89*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	57,998.69	420.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.09*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	62,839.32	446.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.87*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	95,996.31	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	102,276.79	577.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.66*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	107,742.38	630.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*378.17*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	117,320.69	682.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.72*	
26 24 19 00-0510	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	25,142.98	210.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.05*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	25,195.52	236.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.81*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	25,248.01	262.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	25,300.51	288.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.31*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	25,357.31	315.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.06*	
26 24 19 00-0515	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	25,409.88	341.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*204.83*	
26 24 19 00-0516	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	25,462.39	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.58*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	25,672.42	472.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.59*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	43,795.35	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	43,900.49	577.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.66*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	46,286.98	630.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*378.17*	
26 24 19 00-0521	EA	Add For Reversing Starters, 100 To 700 HP	9,880.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0522	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	10,180.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,750 To 2,500 HP	15,594.83	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	

26 24 19 00-0524 4.8 KV Motor Control Centers *(26 24 19 00-0483)*

26 24 19 00-0525	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	19,520.75	315.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.06*	
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	19,573.32	341.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*204.83*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	19,625.83	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.58*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	19,678.38	393.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.35*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	20,781.52	420.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.09*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	20,834.11	446.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.87*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	20,886.53	472.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.59*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	20,939.14	498.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.38*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	20,991.60	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	35,598.15	682.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.72*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	35,702.77	735.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*441.11*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	38,091.42	787.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*472.62*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	38,196.34	840.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*504.10*	
26 24 19 00-0538	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	27,164.88	315.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*189.06*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	27,517.65	341.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*204.83*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	32,094.45	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.58*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	35,674.24	393.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.35*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	38,728.61	420.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.09*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	42,394.21	446.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.87*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	45,834.49	472.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.59*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	50,379.24	498.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.38*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	58,365.30	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	63,791.26	551.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*330.88*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	69,269.72	603.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*362.40*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	73,801.57	630.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*378.17*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	78,075.95	656.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*393.89*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	84,057.46	682.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.72*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	133,281.65	840.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*504.10*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	148,225.06	892.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*535.73*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	178,188.13	945.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*567.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	188,491.09	945.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*567.18*	
26 24 19 00-0556	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	26,815.39	367.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.58*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	26,867.94	393.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.35*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	26,920.41	420.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*252.09*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	26,973.00	446.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.87*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	29,285.43	472.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.59*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	29,338.04	498.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.38*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	29,390.50	525.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*315.11*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	29,443.05	551.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*330.88*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	29,495.64	577.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.66*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	29,810.47	735.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*441.11*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	48,233.57	787.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*472.62*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	50,611.36	840.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*504.10*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	50,611.36	840.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*504.10*	
26 24 19 00-0569	EA	Add For Reversing Starters, 100 To 1,250 HP	11,098.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0570	EA	Add For Reversing Starters, 1,500 To 2,500 HP	11,436.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	
26 24 19 00-0571	EA	Add For Reversing Starters, 3,000 To 4,500 HP	17,532.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.02*	

26 24 19 00-0572 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0483)*

26 24 19 00-0573	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	14,422.92	210.07
26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	17,315.21	315.12
26 24 19 00-0575	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,700.09	
26 24 19 00-0576	EA	2.4/4.8 KV Space Heaters	268.96	15.75
26 24 19 00-0577	EA	2.4/4.8 KV Potential Transformer Fused	1,651.36	
26 24 19 00-0578	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	886.04	
26 24 19 00-0579	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,638.80	
26 24 19 00-0580	EA	2.4/4.8 KV Pushbuttons Each	169.00	
26 24 19 00-0581	EA	2.4/4.8 KV Selector Switch Each	560.11	
26 24 19 00-0582	EA	2.4/4.8 KV Indicating Light	169.00	
26 24 19 00-0583	EA	2.4/4.8 KV Push To Test Light	511.82	
26 24 19 00-0584	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,361.65	
26 24 19 00-0585	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,361.65	
26 24 19 00-0586	EA	2.4/4.8 KV Power Factor Meter	4,072.87	
26 24 19 00-0587	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,807.79	
26 24 19 00-0588	EA	2.4/4.8 KV Operation Counter	543.33	15.75
26 24 19 00-0589	EA	2.4/4.8 KV Phase Failure Protection	3,924.41	52.52
26 24 19 00-0590	EA	2.4/4.8 KV Ground Protection	7,517.44	26.26
26 24 19 00-0591	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,977.23	26.26
26 24 19 00-0592	EA	2.4/4.8 KV Lightning Arresters	5,491.54	15.75
26 24 19 00-0593	EA	2.4/4.8 KV Portable Lifting Mechanism	7,958.93	
26 24 19 00-0594	EA	2.4/4.8 KV Auxiliary Timing Relay	810.42	52.52
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Control Relay	571.50	52.52

26 24 19 00-0596 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0483)*

Note: 3 Pole. Includes structure.

26 24 19 00-0597	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,284.43	314.97
26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,225.45	557.53
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,642.66	713.87
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,254.09	1,149.54
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	5,021.93	1,264.50
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,560.34	1,402.44
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,630.85	1,643.85
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	13,529.03	1,915.14

26 24 19 00-0605 Main Lugs Only *(26 24 19 00-0483)*

26 24 19 00-0606	EA	600 Amperes Incoming Section, Main Lugs	975.47	402.34
26 24 19 00-0607	EA	800 Amperes Incoming Section, Main Lugs	1,056.85	402.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0608	EA	1,200 Amperes Incoming Section, Main Lugs	1,469.58	632.25
26 24 19 00-0609	EA	2,000 Amperes Incoming Section, Main Lugs	3,748.44	1,149.54
26 24 19 00-0610	EA	3,000 Amperes Incoming Section, Main Lugs	5,721.52	1,666.84
26 24 19 00-0611	EA	4,000 Amperes Incoming Section, Main Lugs	8,206.85	2,299.09

26 24 19 00-0612 Incoming Main Circuit Breaker Structure *(26 24 19 00-0483)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0613	EA	225 Amperes, Main Circuit Breaker Section	7,241.71	556.26
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0614	EA	400 Amperes, Main Circuit Breaker Section	15,523.95	714.56
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	600 Amperes, Main Circuit Breaker Section	15,997.97	1,112.99
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	800 Amperes, Main Circuit Breaker Section	22,882.92	1,112.99
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	1,200 Amperes, Main Circuit Breaker Section	33,234.63	1,259.32
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0618 Incoming Fusible Main Disconnect Section *(26 24 19 00-0483)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0619	EA	200 Amperes, Fusible Main Disconnect Section	6,264.03	556.96
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0620	EA	400 Amperes, Fusible Main Disconnect Section	8,666.51	714.90
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	600 Amperes, Fusible Main Disconnect Section	17,022.90	1,113.90
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	800 Amperes, Fusible Main Disconnect Section	19,847.23	1,113.90
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	1,200 Amperes, Fusible Main Disconnect Section	28,052.51	1,260.48
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0624 Circuit Breaker Combination Starters *(26 24 19 00-0483)*

26 24 19 00-0625 Class I, Type A *(26 24 19 00-0624)*

26 24 19 00-0626	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	1,083.58	233.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.05*	
26 24 19 00-0627	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,263.93	233.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.38*	
26 24 19 00-0628	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,842.11	331.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.20*	
26 24 19 00-0629	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	3,028.18	435.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0630	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	5,490.66	544.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.58*	

26 24 19 00-0631 Class I, Type B *(26 24 19 00-0624)*

26 24 19 00-0632	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	1,030.61	203.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.95*	
26 24 19 00-0633	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,204.18	203.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.45*	
26 24 19 00-0634	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,770.96	294.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.85*	
26 24 19 00-0635	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,955.61	398.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.49*	
26 24 19 00-0636	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	5,432.12	509.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*309.02*	

26 24 19 00-0637 Class I, Type C *(26 24 19 00-0624)*

26 24 19 00-0638	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	1,093.67	188.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.12*	
26 24 19 00-0639	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,277.18	188.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.29*	
26 24 19 00-0640	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,903.26	281.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.05*	
26 24 19 00-0641	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	3,094.45	389.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.65*	
26 24 19 00-0642	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,562.98	500.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.36*	

26 24 19 00-0643 Class II, Type B *(26 24 19 00-0624)*

26 24 19 00-0644	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,075.50	279.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.91*	
26 24 19 00-0645	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,502.14	279.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.31*	
26 24 19 00-0646	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,139.07	372.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.78*	
26 24 19 00-0647	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,521.69	477.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.39*	
26 24 19 00-0648	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,416.21	582.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*350.47*	

26 24 19 00-0649 Class II, Type C *(26 24 19 00-0624)*

26 24 19 00-0650	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,359.55	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.25*	
26 24 19 00-0651	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,564.22	264.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.16*	
26 24 19 00-0652	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,277.42	360.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*216.08*	
26 24 19 00-0653	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,652.10	465.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*279.02*	
26 24 19 00-0654	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,562.81	574.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.25*	

26 24 19 00-0655 Fused Disconnect Combination Starter *(26 24 19 00-0483)*

26 24 19 00-0656 Class I, Type A *(26 24 19 00-0655)*

26 24 19 00-0657	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	986.24	214.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.45*	
26 24 19 00-0658	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,492.69	294.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.31*	
26 24 19 00-0659	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,387.30	382.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.91*	
26 24 19 00-0660	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,263.29	536.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*322.91*	
26 24 19 00-0661	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,762.71	683.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*410.55*	

26 24 19 00-0662 Class I, Type B *(26 24 19 00-0655)*

26 24 19 00-0663	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	1,009.35	191.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.95*	
26 24 19 00-0664	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,358.46	263.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.91*	
26 24 19 00-0665	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	2,016.54	351.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.31*	
26 24 19 00-0666	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,387.39	508.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.73*	
26 24 19 00-0667	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	5,871.10	646.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*388.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0668		**Class I, Type C** *(26 24 19 00-0655)*		
26 24 19 00-0669	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,072.37	179.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.63*	
26 24 19 00-0670	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,440.71	243.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.38*	
26 24 19 00-0671	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,199.10	339.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.28*	
26 24 19 00-0672	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,568.87	500.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.36*	
26 24 19 00-0673	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,549.38	639.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*383.18*	
26 24 19 00-0674		**Class II, Type B** *(26 24 19 00-0655)*		
26 24 19 00-0675	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,268.30	268.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.45*	
26 24 19 00-0676	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,640.69	335.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.97*	
26 24 19 00-0677	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,388.55	432.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*258.91*	
26 24 19 00-0678	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,909.91	582.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*350.47*	
26 24 19 00-0679	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,753.44	727.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*435.43*	
26 24 19 00-0680		**Class II, Type C** *(26 24 19 00-0655)*		
26 24 19 00-0681	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,321.74	252.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.25*	
26 24 19 00-0682	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,722.54	317.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.32*	
26 24 19 00-0683	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,543.38	412.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.75*	
26 24 19 00-0684	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	4,074.13	569.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*342.13*	
26 24 19 00-0685	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	6,913.46	704.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*422.63*	
26 24 19 00-0686		**Space Complete With Bus And Hardware** *(26 24 19 00-0483)*		
26 24 19 00-0687		**Circuit Breaker Type** *(26 24 19 00-0686)*		
26 24 19 00-0688	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	302.26	78.17
26 24 19 00-0689	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	302.26	78.17
26 24 19 00-0690	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	449.66	113.81
26 24 19 00-0691	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	530.22	149.44
26 24 19 00-0692	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	895.87	227.61
26 24 19 00-0693		**Fused Disconnect Type** *(26 24 19 00-0686)*		
26 24 19 00-0694	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	302.26	78.17
26 24 19 00-0695	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	398.25	113.81
26 24 19 00-0696	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	555.38	149.44
26 24 19 00-0697	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	966.08	227.61
26 24 19 00-0698	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,343.40	331.07
26 24 19 00-0699		**Blank Space For Future Expansion** *(26 24 19 00-0686)*		
		Note: Factory modified no labor costs.		
26 24 19 00-0700	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	146.50	
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	146.50	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	222.11	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	222.11	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	441.86	
26 24 19 00-0705		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0686)*		
26 24 19 00-0706	EA	Structure Combination Of Starters To 72" High	3,591.58	605.01
26 24 19 00-0707		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0483)*		
26 24 19 00-0708	EA	20" Wide Basic Section With Vertical Wireway	5,883.25	1,575.56
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0709	EA	25" To 35" Wide Basic Section (No Vertical Wireway)	5,883.25	1,575.56
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	6,527.03	1,575.56
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	Corner Section	6,527.03	1,575.56
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	

26 24 19 00-0712 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0483)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0713 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0712)*

26 24 19 00-0714	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,562.73	221.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.76*	
26 24 19 00-0715	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,739.56	245.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.25*	
26 24 19 00-0716	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	3,034.28	329.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.97*	
26 24 19 00-0717	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	4,409.49	434.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.02*	
26 24 19 00-0718	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	10,138.53	543.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.20*	
26 24 19 00-0719	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	23,853.26	543.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.20*	
26 24 19 00-0720	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,583.91	191.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.83*	
26 24 19 00-0721	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,786.44	215.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.32*	
26 24 19 00-0722	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	3,110.61	294.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.57*	
26 24 19 00-0723	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	4,419.31	398.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.36*	
26 24 19 00-0724	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	10,163.29	514.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*309.02*	
26 24 19 00-0725	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	24,025.59	514.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*309.02*	

26 24 19 00-0726 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0712)*

26 24 19 00-0727	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,517.88	276.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.12*	
26 24 19 00-0728	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,095.44	306.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.83*	
26 24 19 00-0729	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,119.33	411.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.04*	
26 24 19 00-0730	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,838.55	544.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.58*	
26 24 19 00-0731	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	16,020.16	680.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*408.61*	
26 24 19 00-0732	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,565.40	239.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.45*	
26 24 19 00-0733	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,169.54	269.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.75*	
26 24 19 00-0734	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,221.46	368.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.07*	
26 24 19 00-0735	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,870.90	498.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.36*	
26 24 19 00-0736	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	16,069.94	644.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.62*	

26 24 19 00-0737 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0712)*

26 24 19 00-0738	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,764.02	276.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0739	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,950.35	306.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.83*	
26 24 19 00-0740	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,487.14	411.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.04*	
26 24 19 00-0741	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	10,198.85	544.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.58*	
26 24 19 00-0742	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	20,524.42	680.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*408.61*	
26 24 19 00-0743	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,811.54	239.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.45*	
26 24 19 00-0744	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,024.45	269.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.75*	
26 24 19 00-0745	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,589.28	368.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.07*	
26 24 19 00-0746	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	10,231.20	498.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*299.36*	
26 24 19 00-0747	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	20,574.20	644.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.62*	

26 24 19 00-0748 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0483)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0749 FVNR Starters With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0750	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,253.60	215.76
26 24 19 00-0751	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,631.75	293.25
26 24 19 00-0752	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,741.60	382.11
26 24 19 00-0753	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,643.66	538.21
26 24 19 00-0754	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	9,407.26	684.21
26 24 19 00-0755	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	24,050.63	684.21
26 24 19 00-0756	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,284.62	191.29
26 24 19 00-0757	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,677.30	262.67
26 24 19 00-0758	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,829.33	352.22
26 24 19 00-0759	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,668.45	509.59
26 24 19 00-0760	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	9,415.33	647.30
26 24 19 00-0761	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	24,206.38	647.30

26 24 19 00-0762 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0763	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,179.46	270.14
26 24 19 00-0764	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,038.58	366.59
26 24 19 00-0765	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,722.27	477.41
26 24 19 00-0766	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,962.30	674.67
26 24 19 00-0767	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	16,268.36	789.51
26 24 19 00-0768	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,239.41	239.11
26 24 19 00-0769	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,109.27	328.08
26 24 19 00-0770	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,837.75	440.73
26 24 19 00-0771	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	10,007.76	635.81
26 24 19 00-0772	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	16,301.43	744.56

26 24 19 00-0773 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0748)*

26 24 19 00-0774	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,550.30	270.14
26 24 19 00-0775	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,906.62	366.59
26 24 19 00-0776	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,114.70	477.41
26 24 19 00-0777	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,461.13	674.67
26 24 19 00-0778	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,857.00	789.51
26 24 19 00-0779	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,611.35	239.11
26 24 19 00-0780	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,977.31	328.08
26 24 19 00-0781	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,230.18	440.73
26 24 19 00-0782	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,506.59	635.81
26 24 19 00-0783	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,890.08	744.56

26 24 19 00-0784 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0483)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0785	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	278.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 24 19 00-0786	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	341.67	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.64*	
26 24 19 00-0787	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	410.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.37*	
26 24 19 00-0788	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	535.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.37*	
26 24 19 00-0789	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	900.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.10*	
26 24 19 00-0790	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	158.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

26 24 19 00-0791 Disconnect (Safety) Switch For Motor Control Centers *(26 24 19 00-0483)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0792		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0791)* Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0793	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,022.87	166.11
26 24 19 00-0794	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,824.24	183.92
26 24 19 00-0795	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	2,218.04	247.73
26 24 19 00-0796	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	3,707.55	326.47
26 24 19 00-0797	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	6,455.61	408.09
26 24 19 00-0798	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	7,382.67	408.09
26 24 19 00-0799	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	15,315.29	510.98
26 24 19 00-0800		**Fusible Disconnect (Safety) Switch For Motor Control Center** *(26 24 19 00-0791)* Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0801	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	864.51	161.51
26 24 19 00-0802	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	1,014.61	220.14
26 24 19 00-0803	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,393.57	281.63
26 24 19 00-0804	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,616.94	403.49
26 24 19 00-0805	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	4,680.66	513.15
26 24 19 00-0806	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	10,850.43	513.15
26 24 19 00-0807	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	13,412.49	641.44
26 24 19 00-0808	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	19,871.07	641.44
26 24 19 00-0809		**Control Circuit Transformer** *(26 24 19 00-0483)*		
26 24 19 00-0810	EA	Control Circuit Transformer, Size 1 Factory Installed	78.16	
26 24 19 00-0811	EA	Control Circuit Transformer, Size 2 Factory Installed	78.16	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 3 Factory Installed	150.52	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 4 Factory Installed	150.52	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 5 Factory Installed	209.11	
26 24 19 00-0815	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	55.61	13.02
26 24 19 00-0816		**Cover Mounted Control Devices** *(26 24 19 00-0483)*		
26 24 19 00-0817	EA	Control Device, 2 Unit Push Button Station Cover Mounted	126.06	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.37*	
26 24 19 00-0818	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	140.92	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 24 19 00-0819	EA	Control Device, Pilot Light Cover Mounted	119.83	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.76*	
26 24 19 00-0820	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	319.14	78.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.11*	
26 24 19 00-0821	EA	Auxiliary Contact Add Per Starter	396.01	29.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.87*	
26 24 19 00-0822		**Extra Interlocks** *(26 24 19 00-0483)* Note: Per contact.		
26 24 19 00-0823	EA	Extra Interlocks, Class I, Type A Per Contact	81.63	14.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.76*	
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type B Per Contact	114.30	14.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.76*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type C Per Contact	127.95	14.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 24 19 00-0826	EA	Extra Interlocks, Class II, Type B Per Contact	115.43	14.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type C Per Contact	122.63	14.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 24 19 00-0828		**Special Cabinet Provisions** *(26 24 19 00-0483)*		
26 24 19 00-0829	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	978.41	
26 24 19 00-0830		**Nameplate Requirements** *(26 24 19 00-0483)*		
26 24 19 00-0831	EA	Special Cabinet Nameplate Requirements	34.74	
26 24 19 00-0832		**Auxiliary Relays** *(26 24 19 00-0483)*		
26 24 19 00-0833	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	186.28	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 24 19 00-0834	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	175.83	25.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 24 19 00-0835	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	97.83	25.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	
26 24 19 00-0836		**Motor Control Center Accessories** *(26 24 19 00-0483)*		
26 24 19 00-0837		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0836)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0838		EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,606.03	369.66
26 24 19 00-0839		EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,828.58	384.46
26 24 19 00-0840		EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,378.22	414.03
26 24 19 00-0841		EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	8,030.11	443.60
26 24 19 00-0842		EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,816.44	473.17
26 24 19 00-0843		EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	13,294.71	532.32
26 24 19 00-0844		EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	17,485.68	591.46
26 24 19 00-0845		EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,190.69	487.96
26 24 19 00-0846		EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,071.31	532.32
26 24 19 00-0847		EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,665.21	591.46
26 24 19 00-0848		EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	13,432.80	650.61
26 24 19 00-0849		EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	16,218.64	709.76
26 24 19 00-0850		EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	16,728.92	768.90

26 24 19 00-0851 Bolt-On Lighting Panel *(26 24 19 00-0836)*

Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.

26 24 19 00-0852		EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,257.83	598.22
26 24 19 00-0853		EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,493.66	1,041.25
26 24 19 00-0854		EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,636.73	1,408.76
26 24 19 00-0855		EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,355.92	647.30
26 24 19 00-0856		EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,449.36	1,019.07
26 24 19 00-0857		EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	4,812.83	1,496.82
26 24 19 00-0858		EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,888.35	693.87
26 24 19 00-0859		EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,130.53	1,113.90
26 24 19 00-0860		EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	6,384.81	1,496.82
26 24 19 00-0861		EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,997.49	748.36
26 24 19 00-0862		EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,130.53	1,113.90
26 24 19 00-0863		EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	6,481.37	1,545.10

26 24 19 00-0864 Factory Installed Bolt-On Branch Circuit Breaker *(26 24 19 00-0836)*

Note: For MCC lighting panel only.

26 24 19 00-0865		EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	27.70	
26 24 19 00-0866		EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	301.53	
26 24 19 00-0867		EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	54.14	
26 24 19 00-0868		EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	124.65	
26 24 19 00-0869		EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	146.05	
26 24 19 00-0870		EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	221.60	

26 24 19 00-0871 Blank Unit Door (BUD) *(26 24 19 00-0836)*

Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.

26 24 19 00-0872		EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	80.41	
26 24 19 00-0873		EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	96.49	
26 24 19 00-0874		EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	144.73	
26 24 19 00-0875		EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	192.98	
26 24 19 00-0876		EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	289.47	
26 24 19 00-0877		EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	337.71	
26 24 19 00-0878		EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	385.96	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001 Plug-In Bus Duct *(26 25 13)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0003		LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	283.01	34.49
			For Up To 25, Add	*70.75*	
			For >25 To 50, Add	*42.45*	
			For >50 To 100, Add	*21.23*	
26 25 13 00-0004		LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	400.20	34.49
			For Up To 25, Add	*100.05*	
			For >25 To 50, Add	*60.03*	
			For >50 To 100, Add	*30.02*	
26 25 13 00-0005		LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	506.85	45.98
			For Up To 25, Add	*126.71*	
			For >25 To 50, Add	*76.03*	
			For >50 To 100, Add	*38.01*	
26 25 13 00-0006		LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	699.04	45.98
			For Up To 25, Add	*174.76*	
			For >25 To 50, Add	*104.86*	
			For >50 To 100, Add	*52.43*	
26 25 13 00-0007		LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	737.50	57.48
			For Up To 25, Add	*184.38*	
			For >25 To 50, Add	*110.63*	
			For >50 To 100, Add	*55.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,026.42	57.48
		For Up To 25, Add	*256.61*	
		For >25 To 50, Add	*153.96*	
		For >50 To 100, Add	*76.98*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,200.72	60.35
		For Up To 25, Add	*300.18*	
		For >25 To 50, Add	*180.11*	
		For >50 To 100, Add	*90.05*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,461.14	62.08
		For Up To 25, Add	*365.29*	
		For >25 To 50, Add	*219.17*	
		For >50 To 100, Add	*109.59*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,802.46	65.52
		For Up To 25, Add	*450.62*	
		For >25 To 50, Add	*270.37*	
		For >50 To 100, Add	*135.18*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,081.27	76.45
		For Up To 25, Add	*520.32*	
		For >25 To 50, Add	*312.19*	
		For >50 To 100, Add	*156.10*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,408.20	83.34
		For Up To 25, Add	*602.05*	
		For >25 To 50, Add	*361.23*	
		For >50 To 100, Add	*180.62*	

26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	461.80	34.49
		For Up To 25, Add	*115.45*	
		For >25 To 50, Add	*69.27*	
		For >50 To 100, Add	*34.64*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	666.09	34.49
		For Up To 25, Add	*166.52*	
		For >25 To 50, Add	*99.91*	
		For >50 To 100, Add	*49.96*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	753.14	45.98
		For Up To 25, Add	*188.29*	
		For >25 To 50, Add	*112.97*	
		For >50 To 100, Add	*56.49*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	957.12	45.98
		For Up To 25, Add	*239.28*	
		For >25 To 50, Add	*143.57*	
		For >50 To 100, Add	*71.78*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,167.27	57.48
		For Up To 25, Add	*291.82*	
		For >25 To 50, Add	*175.09*	
		For >50 To 100, Add	*87.55*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,511.65	57.48
		For Up To 25, Add	*377.91*	
		For >25 To 50, Add	*226.75*	
		For >50 To 100, Add	*113.37*	
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,953.81	59.55
		For Up To 25, Add	*488.45*	
		For >25 To 50, Add	*293.07*	
		For >50 To 100, Add	*146.54*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,352.43	62.08
		For Up To 25, Add	*588.11*	
		For >25 To 50, Add	*352.86*	
		For >50 To 100, Add	*176.43*	
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,916.67	64.95
		For Up To 25, Add	*729.17*	
		For >25 To 50, Add	*437.50*	
		For >50 To 100, Add	*218.75*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,366.93	76.45
		For Up To 25, Add	*841.73*	
		For >25 To 50, Add	*505.04*	
		For >50 To 100, Add	*252.52*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,902.54	83.34
		For Up To 25, Add	*975.64*	
		For >25 To 50, Add	*585.38*	
		For >50 To 100, Add	*292.69*	

26 25 13 00-0026 Cable Tap Boxes *(26 25 13 00-0001)*

26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*

26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,321.08	160.93
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,398.03	160.93
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,591.96	218.41
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,757.79	218.41
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,957.22	287.38
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,239.81	287.38

26 25 13 00-0034 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0026)*

26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,398.03	316.13
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,605.15	316.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,783.00	431.08
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,127.07	431.08
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,288.35	574.77
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,741.16	574.77
26 25 13 00-0041		**Bus Duct Plug-In Circuit Breaker** *(26 25 13 00-0001)*		
26 25 13 00-0042		**240 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,045.18	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.88*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,080.46	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.73*	
26 25 13 00-0045		**600 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,020.98	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.88*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,617.67	114.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.73*	
26 25 13 00-0048		**120/208 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,203.61	137.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.85*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,437.78	137.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.81*	
26 25 13 00-0051		**277/480 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,377.91	137.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.85*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,120.31	137.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.81*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	3,095.60	477.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.75*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,389.47	477.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*449.04*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	8,252.84	1,379.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*624.75*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	10,317.54	1,379.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,105.33*	
26 25 13 00-0058		**Bus Duct Plug-In Fusible Switch** *(26 25 13 00-0001)*		
26 25 13 00-0059		**240 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,042.78	114.95
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,144.73	114.95
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,582.70	137.94
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,670.34	275.89
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,751.12	620.75
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,085.13	1,080.57
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,084.89	126.45
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,184.21	126.45
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,596.36	126.45
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,737.05	264.39
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,720.42	597.76
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,302.85	1,149.54
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	16,921.88	1,494.40
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,207.11	149.44
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,295.30	149.44
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,751.45	149.44
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,969.41	310.38
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,407.01	689.72
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,778.30	1,057.58
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,247.20	149.44
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,335.38	126.79
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,869.14	172.43
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,095.20	310.38
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,407.01	689.72
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,778.30	1,057.58
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	17,081.61	1,402.44

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0089		**Non-Segregated Bus Duct** *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0090		**600 Volt, 3 Phase, 3 Wire, Totally Enclosed Non-Ventilated, Copper Conductors** *(26 25 13 00-0089)* Note: Hazardous or seismic locations.		
26 25 13 00-0091	LF	1,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	1,544.31	48.28
		For Up To 25, Add	*386.08*	
		For >25 To 50, Add	*231.65*	
		For >50 To 100, Add	*115.82*	
26 25 13 00-0092	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	1,714.37	51.73
		For Up To 25, Add	*428.59*	
		For >25 To 50, Add	*257.16*	
		For >50 To 100, Add	*128.58*	
26 25 13 00-0093	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	2,281.63	59.78
		For Up To 25, Add	*570.41*	
		For >25 To 50, Add	*342.24*	
		For >50 To 100, Add	*171.12*	
26 25 13 00-0094	LF	2,500 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	2,536.71	71.27
		For Up To 25, Add	*634.18*	
		For >25 To 50, Add	*380.51*	
		For >50 To 100, Add	*190.25*	
26 25 13 00-0095	LF	3,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	3,514.01	82.77
		For Up To 25, Add	*878.50*	
		For >25 To 50, Add	*527.10*	
		For >50 To 100, Add	*263.55*	
26 25 13 00-0096	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,051.52	103.46
		For Up To 25, Add	*1,262.88*	
		For >25 To 50, Add	*757.73*	
		For >50 To 100, Add	*378.86*	
26 25 13 00-0097	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,495.99	123.00
		For Up To 25, Add	*1,374.00*	
		For >25 To 50, Add	*824.40*	
		For >50 To 100, Add	*412.20*	
26 25 13 00-0098	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	6,237.42	142.54
		For Up To 25, Add	*1,559.36*	
		For >25 To 50, Add	*935.61*	
		For >50 To 100, Add	*467.81*	
26 25 13 00-0099		**600 Volt, 3 Phase, 4 Wire, Totally Enclosed Non-Ventilated, Copper Conductors** *(26 25 13 00-0089)* Note: Hazardous or seismic locations.		
26 25 13 00-0100	LF	1,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	1,978.46	48.28
		For Up To 25, Add	*494.62*	
		For >25 To 50, Add	*296.77*	
		For >50 To 100, Add	*148.38*	
26 25 13 00-0101	LF	1,600 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	2,197.21	51.73
		For Up To 25, Add	*549.30*	
		For >25 To 50, Add	*329.58*	
		For >50 To 100, Add	*164.79*	
26 25 13 00-0102	LF	2,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	2,930.01	59.78
		For Up To 25, Add	*732.50*	
		For >25 To 50, Add	*439.50*	
		For >50 To 100, Add	*219.75*	
26 25 13 00-0103	LF	2,500 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	3,254.88	71.27
		For Up To 25, Add	*813.72*	
		For >25 To 50, Add	*488.23*	
		For >50 To 100, Add	*244.12*	
26 25 13 00-0104	LF	3,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	4,517.83	82.77
		For Up To 25, Add	*1,129.46*	
		For >25 To 50, Add	*677.67*	
		For >50 To 100, Add	*338.84*	
26 25 13 00-0105	LF	4,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	6,504.09	103.46
		For Up To 25, Add	*1,626.02*	
		For >25 To 50, Add	*975.61*	
		For >50 To 100, Add	*487.81*	
26 25 13 00-0106	LF	5,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	7,071.10	123.00
		For Up To 25, Add	*1,767.78*	
		For >25 To 50, Add	*1,060.67*	
		For >50 To 100, Add	*530.33*	
26 25 13 00-0107	LF	6,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	8,022.70	142.54
		For Up To 25, Add	*2,005.68*	
		For >25 To 50, Add	*1,203.41*	
		For >50 To 100, Add	*601.70*	

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001		**Feeder Bus Duct** *(26 25 16)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 16 00-0002		**600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance** *(26 25 16 00-0001)* Note: Copper conductors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	839.00	48.28
		For Up To 25, Add	*209.75*	
		For >25 To 50, Add	*125.85*	
		For >50 To 100, Add	*62.93*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	850.31	48.28
		For Up To 25, Add	*212.58*	
		For >25 To 50, Add	*127.55*	
		For >50 To 100, Add	*63.77*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,113.19	48.28
		For Up To 25, Add	*278.30*	
		For >25 To 50, Add	*166.98*	
		For >50 To 100, Add	*83.49*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,337.16	48.28
		For Up To 25, Add	*334.29*	
		For >25 To 50, Add	*200.57*	
		For >50 To 100, Add	*100.29*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,634.53	48.28
		For Up To 25, Add	*408.63*	
		For >25 To 50, Add	*245.18*	
		For >50 To 100, Add	*122.59*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,230.39	114.95
		For Up To 25, Add	*557.60*	
		For >25 To 50, Add	*334.56*	
		For >50 To 100, Add	*167.28*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,083.41	114.95
		For Up To 25, Add	*770.85*	
		For >25 To 50, Add	*462.51*	
		For >50 To 100, Add	*231.26*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,648.02	114.95
		For Up To 25, Add	*912.01*	
		For >25 To 50, Add	*547.20*	
		For >50 To 100, Add	*273.60*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,493.85	114.95
		For Up To 25, Add	*1,123.46*	
		For >25 To 50, Add	*674.08*	
		For >50 To 100, Add	*337.04*	

26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	962.15	51.73
		For Up To 25, Add	*240.54*	
		For >25 To 50, Add	*144.32*	
		For >50 To 100, Add	*72.16*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	976.99	51.73
		For Up To 25, Add	*244.25*	
		For >25 To 50, Add	*146.55*	
		For >50 To 100, Add	*73.27*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,257.55	51.73
		For Up To 25, Add	*314.39*	
		For >25 To 50, Add	*188.63*	
		For >50 To 100, Add	*94.32*	
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,490.79	51.73
		For Up To 25, Add	*372.70*	
		For >25 To 50, Add	*223.62*	
		For >50 To 100, Add	*111.81*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,801.02	51.73
		For Up To 25, Add	*450.26*	
		For >25 To 50, Add	*270.15*	
		For >50 To 100, Add	*135.08*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,768.00	88.52
		For Up To 25, Add	*692.00*	
		For >25 To 50, Add	*415.20*	
		For >50 To 100, Add	*207.60*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,471.76	88.52
		For Up To 25, Add	*867.94*	
		For >25 To 50, Add	*520.76*	
		For >50 To 100, Add	*260.38*	
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,107.76	164.38
		For Up To 25, Add	*1,026.94*	
		For >25 To 50, Add	*616.16*	
		For >50 To 100, Add	*308.08*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	5,066.65	164.38
		For Up To 25, Add	*1,266.66*	
		For >25 To 50, Add	*760.00*	
		For >50 To 100, Add	*380.00*	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R. See CSI section 26 27 13 00-0013 for meter.

26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	276.93	74.72
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	294.45	74.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0005	EA	150 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	326.77	83.34
26 27 13 00-0006	EA	150 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	338.02	83.34
26 27 13 00-0007	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	376.61	91.96
26 27 13 00-0008	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	381.59	91.96
26 27 13 00-0009	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	985.03	145.99
26 27 13 00-0010	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,266.26	163.23
26 27 13 00-0011	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,812.23	180.48
26 27 13 00-0012	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,804.45	574.77

26 27 13 00-0013 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand. See CSI section 26 27 13 00-0002 for socket base.

26 27 13 00-0014	EA	100 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	282.93	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.14*	
26 27 13 00-0015	EA	150 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	335.38	23.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.31*	
26 27 13 00-0016	EA	200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	411.41	24.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.48*	
26 27 13 00-0017	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	807.26	24.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.69*	
26 27 13 00-0018	EA	320 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,132.41	25.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.56*	
26 27 13 00-0019	EA	400 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,839.59	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.29*	

26 27 13 00-0020 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0021	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	568.01	149.44

26 27 13 00-0022 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0023 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0024	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,107.29	71.85
26 27 13 00-0025	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,459.11	86.21
26 27 13 00-0026	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,809.05	100.58
26 27 13 00-0027	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,096.64	114.95
26 27 13 00-0028	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,733.78	129.32
26 27 13 00-0029	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,951.45	143.69
26 27 13 00-0030	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,443.52	172.43

26 27 13 00-0031 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,052.01	71.85
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,704.25	86.21
26 27 13 00-0034	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,725.33	114.95
26 27 13 00-0035	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,131.94	129.32
26 27 13 00-0036	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	5,199.85	143.69

26 27 13 00-0037 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0038	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,697.57	100.58
26 27 13 00-0039	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,232.68	114.95
26 27 13 00-0040	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,733.78	129.32
26 27 13 00-0041	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,215.97	143.69
26 27 13 00-0042	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,057.17	158.06
26 27 13 00-0043	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,255.96	172.43
26 27 13 00-0044	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,277.02	201.17

26 27 13 00-0045 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0046	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,638.50	100.58
26 27 13 00-0047	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,460.79	114.95
26 27 13 00-0048	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,878.65	143.69
26 27 13 00-0049	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,228.60	158.06
26 27 13 00-0050	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,693.26	172.43

26 27 13 00-0051 120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0052 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0051)*

26 27 13 00-0053	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,204.04	86.21
26 27 13 00-0054	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,576.65	100.58
26 27 13 00-0055	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,947.38	114.95
26 27 13 00-0056	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,261.43	129.32
26 27 13 00-0057	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,781.40	143.69
26 27 13 00-0058	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,999.09	158.06
26 27 13 00-0059	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,698.98	186.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0060		**1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0051)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,156.32	86.21
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,846.36	100.58
26 27 13 00-0063	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,113.05	129.32
26 27 13 00-0064	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,519.66	143.69
26 27 13 00-0065	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,474.25	158.06
26 27 13 00-0066		**800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0051)*		
26 27 13 00-0067	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,794.35	114.95
26 27 13 00-0068	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,337.02	129.32
26 27 13 00-0069	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,894.80	143.69
26 27 13 00-0070	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,377.01	158.06
26 27 13 00-0071	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,256.00	172.43
26 27 13 00-0072	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,454.75	186.80
26 27 13 00-0073	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,551.43	215.54
26 27 13 00-0074		**1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0051)*		
26 27 13 00-0075	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,761.73	114.95
26 27 13 00-0076	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,640.72	129.32
26 27 13 00-0077	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,228.63	158.06
26 27 13 00-0078	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,465.19	172.43
26 27 13 00-0079	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,948.77	186.80
26 27 13 00-0080		**120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing** *(26 27 13 00-0001)*		
26 27 13 00-0081		**800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0080)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,107.29	71.85
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,459.11	86.21
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,096.64	114.95
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,733.78	129.32
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,386.02	143.69
26 27 13 00-0087		**1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0080)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,052.00	71.85
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,704.23	86.21
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,914.25	114.95
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,320.89	129.32
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,199.85	143.69
26 27 13 00-0093		**800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0080)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,697.57	100.58
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,232.68	114.95
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,215.97	143.69
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,057.17	158.06
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,255.96	172.43
26 27 13 00-0099		**1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0080)*		
26 27 13 00-0100	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,638.52	100.58
26 27 13 00-0101	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,460.79	114.95
26 27 13 00-0102	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,878.65	143.69
26 27 13 00-0103	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,228.60	158.06
26 27 13 00-0104	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,693.30	172.43
26 27 13 00-0105		**120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing** *(26 27 13 00-0001)*		
26 27 13 00-0106		**800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0105)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,204.04	86.21
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,576.65	100.58
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,261.43	129.32
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,970.34	143.69
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,376.98	158.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0112		**1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0105)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,156.30	86.21
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,846.34	100.58
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,924.11	129.32
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,330.72	143.69
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,474.22	158.06
26 27 13 00-0118		**800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0105)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,794.33	114.95
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,337.00	129.32
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,376.98	158.06
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,255.96	172.43
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,454.75	186.80
26 27 13 00-0124		**1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole** *(26 27 13 00-0105)*		
26 27 13 00-0125	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,761.71	114.95
26 27 13 00-0126	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,640.70	129.32
26 27 13 00-0127	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,228.60	158.06
26 27 13 00-0128	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,465.19	172.43
26 27 13 00-0129	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,948.77	186.80
26 27 13 00-0130		**Watt/Hour Meters** *(26 27 13)*		
26 27 13 00-0131	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,264.49	68.97
26 27 13 00-0132	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,586.90	137.94
26 27 13 00-0133	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,892.57	103.46
26 27 13 00-0134	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,324.08	103.46
26 27 13 00-0135	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,955.96	103.46
26 27 13 00-0136	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,329.62	95.41
26 27 13 00-0137	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,270.81	172.43
26 27 13 00-0138		**Watt/Hour Meter Systems** *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0139		**Watt/Hour Meter System Without Main Breaker** *(26 27 13 00-0138)*		
26 27 13 00-0140	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,759.92	689.84
26 27 13 00-0141	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,778.27	689.84
26 27 13 00-0142		**Watt/Hour Meter System With Main Breaker** *(26 27 13 00-0138)*		
26 27 13 00-0143	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	10,231.01	689.84
26 27 13 00-0144	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,451.58	689.84
26 27 13 00-0145	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	13,393.31	689.84
26 27 16		**Electrical Cabinets and Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		**NEMA 1 Enclosures, Lockable** *(26 27 16)*		
26 27 16 00-0002		**Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0001)*		
26 27 16 00-0003		**4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	74.79	22.99
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	84.03	25.29
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	93.37	27.59
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	109.02	32.18
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	118.93	34.49
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	129.63	36.79
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	129.23	36.79
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	140.20	39.09
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	151.77	41.38
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	196.31	55.18
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	238.22	66.67
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	225.97	64.38
26 27 16 00-0016		**6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	94.15	27.59
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	114.74	32.18
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	136.75	39.09
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	148.02	41.38
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	159.53	43.68
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	171.60	45.98
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	217.45	59.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	263.27	73.57
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	253.79	71.27
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	330.78	91.96
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	428.61	105.76
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	491.72	114.95
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	549.42	121.86
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	601.39	126.45
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	409.86	91.96
26 27 16 00-0032		Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0033		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	51.30	16.10
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	73.33	22.99
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	81.88	25.29
26 27 16 00-0037		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	57.25	18.39
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	70.93	22.99
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	79.33	25.29
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	87.89	27.59
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	102.56	32.18
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	111.54	34.49
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.03	36.79
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	120.66	36.79
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	130.58	39.09
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	140.81	41.38
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	183.90	55.18
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	227.73	68.97
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	211.20	64.38
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	273.74	82.77
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	399.54	103.46
26 27 16 00-0053		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	88.42	27.59
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	97.69	29.88
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	112.58	34.49
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	127.84	39.09
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	137.92	41.38
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	148.10	43.68
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	158.73	45.98
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	203.00	59.78
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	249.38	73.57
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	236.65	71.27
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	307.88	91.96
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	386.98	105.76
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	445.20	114.95
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	481.28	121.86
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	528.29	126.45
26 27 16 00-0069		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	127.84	39.09
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	175.15	50.58
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	222.63	64.38
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	276.18	80.47
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	263.61	78.17
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	326.64	96.56
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	363.55	110.36
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	424.57	117.25
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	491.02	126.45
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	522.77	133.35
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	549.81	137.94
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	565.35	137.94
26 27 16 00-0082		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	299.54	87.37
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	394.84	112.65
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	398.18	119.55
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	523.67	128.75
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	604.18	142.54
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	673.48	147.14
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	719.22	154.04
26 27 16 00-0090		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	435.98	124.15
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	432.23	131.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	575.50	142.54
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	659.30	156.34
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	743.09	163.23
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	784.31	170.13
26 27 16 00-0097		NEMA 1 Enclosures For Up To 6 Boards, Lockable *(26 27 16)*		
26 27 16 00-0098		4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,233.39	101.16
26 27 16 00-0100		NEMA 12 Enclosures, Lockable *(26 27 16)* Note: Dust-tight enclosures.		
26 27 16 00-0101		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0102		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	111.42	18.39
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	144.62	25.29
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	178.60	32.18
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	193.49	34.49
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	217.89	36.79
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	234.91	39.09
26 27 16 00-0109		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	160.74	27.59
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	177.28	29.88
26 27 16 00-0112		Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0113		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	232.80	18.39
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	277.90	25.29
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	314.69	27.59
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	359.78	32.18
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	369.46	34.49
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	437.99	36.79
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	470.46	39.09
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	536.64	41.38
26 27 16 00-0122		6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	339.69	27.59
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	384.56	29.88
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	418.38	34.49
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	494.59	41.38
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	536.68	45.98
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	746.98	59.78
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,157.83	91.96
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,522.77	105.76
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,718.65	114.95
26 27 16 00-0132		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,584.90	117.25
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,830.15	126.45
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,014.11	133.35
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,224.45	137.94
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,193.03	137.94
26 27 16 00-0138		Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0139		8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,130.91	186.80
26 27 16 00-0141		10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,193.86	206.91
26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,257.45	221.28
26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,492.34	275.89
26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,593.55	325.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0146		12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,638.28	325.32
26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,520.81	344.87
26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,686.00	367.86
26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,701.32	367.86
26 27 16 00-0151		NEMA 3 Enclosures, Lockable *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0152		2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0153	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	327.42	80.47
26 27 16 00-0154		3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0155	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	353.77	80.47
26 27 16 00-0156	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	459.26	83.34
26 27 16 00-0157	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	477.19	83.34
26 27 16 00-0158	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	606.35	86.21
26 27 16 00-0159		4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0160	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	454.42	83.34
26 27 16 00-0161	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	501.29	83.34
26 27 16 00-0162	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	522.80	86.21
26 27 16 00-0163	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	666.79	86.21
26 27 16 00-0164	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	734.03	91.96
26 27 16 00-0165	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	790.60	97.71
26 27 16 00-0166	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	824.85	97.71
26 27 16 00-0167	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	986.71	100.58
26 27 16 00-0168	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,072.56	103.46
26 27 16 00-0169	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,478.43	114.95
26 27 16 00-0170		6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0171	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	704.97	89.09
26 27 16 00-0172	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	892.80	100.58
26 27 16 00-0173	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,051.50	103.46
26 27 16 00-0174	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,216.67	106.33
26 27 16 00-0175	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,297.45	106.33
26 27 16 00-0176	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,478.00	114.95
26 27 16 00-0177	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,711.02	129.32
26 27 16 00-0178	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,611.62	123.57
26 27 16 00-0179	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,137.30	229.90
26 27 16 00-0180	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,477.74	287.38
26 27 16 00-0181		8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,308.98	109.20
26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,976.30	143.69
26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,009.29	143.69
26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,714.16	215.54
26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,595.56	229.90
26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	9,193.63	402.34
26 27 16 00-0188		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,801.62	287.38
26 27 16 00-0190		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,422.20	344.87
26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,091.47	316.13
26 27 16 00-0193		NEMA 3R Enclosures, Lockable *(26 27 16)* Note: Rain-tight enclosures.		
26 27 16 00-0194		Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		
26 27 16 00-0195		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	102.83	22.99
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	113.56	25.29
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	172.53	27.59
26 27 16 00-0199		6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	217.29	34.49
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	242.57	39.09
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	285.59	43.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	309.31	45.98
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	402.75	59.78
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	480.67	73.57
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	545.45	91.96
26 27 16 00-0207		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	838.57	117.25
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	931.65	126.45
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,052.82	133.35
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,108.40	137.94
26 27 16 00-0212		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,041.09	142.54
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,176.09	160.93
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,301.93	178.18
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,434.63	196.57
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,561.64	213.82
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	668.77	112.65
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,041.09	142.54
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,242.49	147.14
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,584.32	160.93
26 27 16 00-0222		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,020.99	113.81
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,144.65	127.60
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,267.14	141.39
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,401.78	156.34
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,525.43	170.13
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	762.71	85.07
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,020.99	113.81
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,144.65	127.60
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,348.15	149.44
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,525.43	170.13
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,447.06	167.84
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,525.43	170.13
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,608.88	174.73
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,797.01	183.92
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,951.88	193.13
26 27 16 00-0238		**Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0193)*		
26 27 16 00-0239		**4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0240	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	73.96	18.39
26 27 16 00-0241	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	88.97	22.99
26 27 16 00-0242	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.28	25.29
26 27 16 00-0243	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	109.24	27.59
26 27 16 00-0244	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.77	32.18
26 27 16 00-0245	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	138.51	34.49
26 27 16 00-0246	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	151.40	36.79
26 27 16 00-0247	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	150.63	36.79
26 27 16 00-0248	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	165.30	39.09
26 27 16 00-0249	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	178.19	41.38
26 27 16 00-0250	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	268.13	64.38
26 27 16 00-0251	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	359.45	82.77
26 27 16 00-0252		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0253	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	101.60	27.59
26 27 16 00-0254	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	140.57	34.49
26 27 16 00-0255	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	159.24	39.09
26 27 16 00-0256	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	173.19	41.38
26 27 16 00-0257	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	172.05	41.38
26 27 16 00-0258	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	186.91	43.68
26 27 16 00-0259	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	201.92	45.98
26 27 16 00-0260	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	263.67	59.78
26 27 16 00-0261	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	302.06	71.27
26 27 16 00-0262	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	404.95	91.96
26 27 16 00-0263	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	421.01	98.87
26 27 16 00-0264	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	485.60	105.76
26 27 16 00-0265	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	549.53	114.95
26 27 16 00-0266		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0267	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	226.56	50.58
26 27 16 00-0268	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	325.12	78.17
26 27 16 00-0269	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	448.41	101.16
26 27 16 00-0270	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	537.19	117.25
26 27 16 00-0271	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	611.59	126.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0272	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	683.81	133.35
26 27 16 00-0273		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0274	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	494.04	112.65
26 27 16 00-0275	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	670.39	142.54
26 27 16 00-0276	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	741.14	147.14
26 27 16 00-0277		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0278	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	741.29	156.34
26 27 16 00-0279	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,061.58	170.13
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,097.83	174.73
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,296.44	183.92
26 27 16 00-0282		**NEMA 4 Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0283		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	111.60	16.10
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	130.15	19.54
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	162.66	25.29
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	154.55	25.29
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	206.44	34.49
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	257.48	41.38
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	237.70	39.09
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	277.04	45.98
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	326.21	52.87
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	394.96	66.67
26 27 16 00-0294		**Clamp Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	102.18	16.10
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	145.15	25.29
26 27 16 00-0297		**Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0298	EA	6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	127.99	22.07
26 27 16 00-0299	EA	8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	135.89	23.91
26 27 16 00-0300	EA	10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	166.46	31.27
26 27 16 00-0301	EA	12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	194.92	34.49
26 27 16 00-0302	EA	14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	252.33	43.68
26 27 16 00-0303	EA	16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	294.89	51.73
26 27 16 00-0304	EA	18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	413.40	82.77
26 27 16 00-0305		**NEMA 4X Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0306		**Clamp Cover, Aluminum NEMA 4X Enclosures** *(26 27 16 00-0305)*		
26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	224.69	18.39
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	264.23	25.29
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	334.46	34.49
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	406.13	41.38
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	500.36	52.87
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	590.08	66.67
26 27 16 00-0313		**Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures** *(26 27 16 00-0305)*		
26 27 16 00-0314	EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	356.57	16.10
		For 316 Stainless Steel, Add	*50.61*	
26 27 16 00-0315	EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	462.26	22.99
		For 316 Stainless Steel, Add	*64.76*	
26 27 16 00-0316	EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	524.37	25.29
		For 316 Stainless Steel, Add	*73.78*	
26 27 16 00-0317	EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	601.14	27.59
		For 316 Stainless Steel, Add	*85.15*	
26 27 16 00-0318	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	737.86	34.49
		For 316 Stainless Steel, Add	*104.26*	
26 27 16 00-0319	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,041.39	43.68
		For 316 Stainless Steel, Add	*149.15*	
26 27 16 00-0320	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,299.42	52.87
		For 316 Stainless Steel, Add	*186.76*	
26 27 16 00-0321	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,564.36	66.67
		For 316 Stainless Steel, Add	*223.63*	
26 27 16 00-0322		**Screw Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0305)*		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	148.36	25.29
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	167.56	27.59
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	191.39	32.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	208.33	34.49
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	241.11	39.09
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	225.42	39.09
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	263.74	43.68
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	331.61	52.87
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	420.79	72.42
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	535.42	104.26
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	160.70	25.29
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	182.13	27.59
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	207.07	32.18
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	227.37	34.49
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	261.27	39.09
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	244.48	39.09
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	289.58	43.68
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	345.06	52.87
26 27 16 00-0341	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	448.81	72.42
26 27 16 00-0342	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	565.66	104.26

26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0344	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	183.10	25.29
26 27 16 00-0345	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	195.57	27.59
26 27 16 00-0346	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	221.63	32.18
26 27 16 00-0347	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	239.70	34.49
26 27 16 00-0348	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	284.81	39.09
26 27 16 00-0349	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	260.16	39.09
26 27 16 00-0350	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	322.06	43.68
26 27 16 00-0351	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	382.04	52.87
26 27 16 00-0352	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	464.50	72.42
26 27 16 00-0353	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	592.55	104.26
26 27 16 00-0354	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	192.06	25.29
26 27 16 00-0355	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	212.37	27.59
26 27 16 00-0356	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	237.31	32.18
26 27 16 00-0357	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	256.50	34.49
26 27 16 00-0358	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	307.22	39.09
26 27 16 00-0359	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	279.20	39.09
26 27 16 00-0360	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	345.59	43.68
26 27 16 00-0361	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	393.24	52.87
26 27 16 00-0362	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	501.46	72.42
26 27 16 00-0363	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	631.77	104.26

26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,543.03	129.32
		For Mounting Pan, Add	*67.99*	
26 27 16 00-0367	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,215.56	137.94
		For Mounting Pan, Add	*126.69*	
26 27 16 00-0368	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,424.83	155.19
		For Mounting Pan, Add	*174.69*	

26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0370	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,148.92	155.19
		For Mounting Pan, Add	*88.83*	
26 27 16 00-0371	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,818.05	159.50
		For Mounting Pan, Add	*174.69*	
26 27 16 00-0372	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,879.78	172.43
		For Mounting Pan, Add	*133.63*	
26 27 16 00-0373	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,957.33	172.43
		For Mounting Pan, Add	*156.35*	
26 27 16 00-0374	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,193.28	215.54
		For Mounting Pan, Add	*205.12*	
26 27 16 00-0375	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,956.76	193.99
		For Mounting Pan, Add	*128.07*	
26 27 16 00-0376	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,087.10	215.54
		For Mounting Pan, Add	*191.64*	
26 27 16 00-0377	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,289.98	387.97
		For Mounting Pan, Add	*257.82*	
26 27 16 00-0378	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,015.25	258.64
		For Mounting Pan, Add	*251.03*	
26 27 16 00-0379	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,542.87	431.08
		For Mounting Pan, Add	*230.46*	
26 27 16 00-0380	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,878.18	431.08
		For Mounting Pan, Add	*374.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0381		**8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0382	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,364.00	193.99
		For Mounting Pan, Add	*133.63*	
26 27 16 00-0383	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,388.11	193.99
		For Mounting Pan, Add	*156.35*	
26 27 16 00-0384	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,847.13	193.99
		For Mounting Pan, Add	*205.12*	
26 27 16 00-0385	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,263.00	215.54
		For Mounting Pan, Add	*128.07*	
26 27 16 00-0386	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,165.64	387.97
		For Mounting Pan, Add	*191.64*	
26 27 16 00-0387	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,501.92	474.19
		For Mounting Pan, Add	*257.82*	
26 27 16 00-0388	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,859.70	560.40
		For Mounting Pan, Add	*387.73*	
26 27 16 00-0389	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,735.29	474.19
		For Mounting Pan, Add	*251.03*	
26 27 16 00-0390	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,924.19	474.19
		For Mounting Pan, Add	*230.46*	
26 27 16 00-0391	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,396.00	517.30
		For Mounting Pan, Add	*345.45*	
26 27 16 00-0392	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,566.84	474.19
		For Mounting Pan, Add	*374.65*	
26 27 16 00-0393	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,492.36	517.30
		For Mounting Pan, Add	*547.85*	
26 27 16 00-0394	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,412.16	517.30
		For Mounting Pan, Add	*730.36*	
26 27 16 00-0395	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	17,765.68	689.72
		For Mounting Pan, Add	*912.81*	
26 27 16 00-0396	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	13,506.26	560.40
		For Mounting Pan, Add	*848.76*	
26 27 16 00-0397	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	24,534.81	862.15
		For Mounting Pan, Add	*1,161.94*	
26 27 16 00-0398		**10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0399	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,345.63	560.40
		For Mounting Pan, Add	*387.73*	
26 27 16 00-0400	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,363.87	517.30
		For Mounting Pan, Add	*345.45*	
26 27 16 00-0401	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,381.79	560.40
		For Mounting Pan, Add	*547.85*	
26 27 16 00-0402	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	15,684.86	603.51
		For Mounting Pan, Add	*912.81*	
26 27 16 00-0403	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	13,849.51	603.51
		For Mounting Pan, Add	*848.76*	
26 27 16 00-0404	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	26,760.92	862.15
		For Mounting Pan, Add	*1,161.94*	
26 27 16 00-0405		**12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,675.23	474.19
		For Mounting Pan, Add	*257.82*	
26 27 16 00-0407		**Breaker Enclosures** *(26 27 16)*		
		See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0408		**15 To 100 Amperes, F-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	397.44	91.96
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	748.80	91.96
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,869.56	126.45
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,542.16	137.94
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,845.10	137.94
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	631.38	126.45
26 27 16 00-0415		**15 To 250 Amperes, H Or J-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	639.26	126.45
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,201.90	126.45
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	4,168.66	160.93
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	979.37	160.93
26 27 16 00-0420		**125 To 400 Amperes, L-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	988.18	252.90
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,375.61	252.90
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	7,052.85	321.88
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,663.80	321.88

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0425		300 To 800 Amperes, M-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	1,938.39	482.81
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,404.81	482.81
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	12,680.13	620.75
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	6,797.52	620.75
26 27 16 00-0430		250 To 1,200 Amperes, P-Frame Breaker Enclosures *(26 27 16 00-0407)*		
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,389.16	482.81
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	4,117.68	482.81
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	8,582.53	620.75
26 27 16 00-0434		Legend Plates *(26 27 16)*		
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	20.99	5.75
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	28.79	5.75

26 27 19 Multi-Outlet Assemblies *(26 27)*

26 27 19 00-0001		Surface Metal Raceway, Preassembled With Outlets *(26 27 19)* Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	27.40	8.39
		For Concrete Or Masonry Surface, Add	*0.84*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	21.20	5.98
		For Concrete Or Masonry Surface, Add	*0.60*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	20.00	6.32
		For Concrete Or Masonry Surface, Add	*0.63*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	21.99	5.98
		For Concrete Or Masonry Surface, Add	*0.60*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	17.92	6.09
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	24.58	5.98
		For Concrete Or Masonry Surface, Add	*0.60*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	21.75	5.98
		For Concrete Or Masonry Surface, Add	*0.60*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	23.46	5.98
		For Concrete Or Masonry Surface, Add	*0.60*	

26 27 23 Indoor Service Poles *(26 27)*

26 27 23 00-0001		Communication And Power Poles *(26 27 23)* Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002		Steel Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0003		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	323.25	50.94
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	352.00	50.94
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	385.26	50.94
26 27 23 00-0008		Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)* Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	66.16	10.50
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	57.08	10.50
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	64.90	10.50
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	47.56	10.50
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	38.81	10.50
26 27 23 00-0014		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0015		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	421.86	50.94
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	483.67	50.94
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	517.02	50.94
26 27 23 00-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	43.69	10.50
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	39.08	10.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	42.38	10.50
26 27 23 00-0023		3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0024		3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	552.83	50.94
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	627.23	50.94
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	676.26	50.94
26 27 23 00-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
		Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	43.69	10.50
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	39.08	10.50
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	42.38	10.50
26 27 23 00-0032		Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	441.21	50.94
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	493.23	50.94
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	551.53	50.94
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	67.93	10.50
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	69.40	10.50
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	74.29	10.50
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	50.30	10.50
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	38.81	10.50
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	424.97	50.94
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	478.32	50.94
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	541.16	50.94
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	900.13	50.94
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,030.96	50.94
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,177.49	50.94
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	484.59	50.94
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	458.23	50.94
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	589.81	50.94
26 27 26		**Wiring Devices** *(26 27)*		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0003		Receptacle Assemblies *(26 27 26 00-0002)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	91.61	40.81
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	98.32	43.68
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	118.48	52.30
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	131.89	58.05
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	104.56	40.81
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	111.96	43.68
26 27 26 00-0010		Receptacle Components *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	26.52	11.50
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	25.77	11.50
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	30.22	11.50
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	32.80	11.50
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	41.83	14.37
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	50.29	14.37
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	27.52	11.50
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	26.72	11.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	38.34	11.50
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	31.99	11.50
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	41.83	14.37
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	50.29	14.37
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	77.43	14.37
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	77.43	14.37
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	65.76	17.24
26 27 26 00-0026		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0027		Specialty Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	59.43	20.12
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	59.43	20.12
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	83.32	20.12
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	88.92	20.12
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	94.67	22.99
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	87.63	22.99
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	85.65	22.99
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	75.43	22.99
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	101.15	22.99
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	105.49	22.99
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	111.24	25.86
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	122.39	28.74
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	133.88	34.49
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,262.71	270.14
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,054.05	330.50
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	70.81	22.99
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	103.75	34.49
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	65.71	14.37
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,332.46	350.10
26 27 26 00-0047		Isolated Ground Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	95.06	11.50
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	56.08	14.37
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	55.88	14.37
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	78.00	22.99
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	62.59	14.37
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	57.52	14.37
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	79.12	17.24
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	63.34	17.24
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	80.99	17.24
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	98.20	17.24
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	97.55	22.99
26 27 26 00-0059		Explosion Proof Receptacle Assembly *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	980.48	28.74
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	901.78	31.61
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,497.75	57.48
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,891.31	57.48
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,389.01	86.21
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,275.08	86.21
26 27 26 00-0066		Ground Fault Circuit Interrupter (GFCI) *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	35.85	14.37
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	51.86	17.24
26 27 26 00-0069		Arc Fault Circuit Interrupter (AFCI) *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	64.10	14.37
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	70.37	14.37
26 27 26 00-0072		Locking Receptacle *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	55.80	14.37
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	69.84	14.37
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	61.39	17.24
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	60.77	17.24
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	73.12	17.24
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	89.09	17.24
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	87.32	17.24
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	75.65	17.24
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	85.03	22.99
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	86.52	22.99
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	104.52	22.99
26 27 26 00-0084		Hospital Grade Receptacle *(26 27 26 00-0026)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0085	EA	15 Amperes, Heavy-Duty Hospital Grade, NEMA 5-15, Single Receptacle	52.15	11.50
26 27 26 00-0086	EA	15 Amperes, Heavy-Duty Hospital Grade, NEMA 5-15, Duplex Receptacle	57.17	11.50
26 27 26 00-0087	EA	20 Amperes, Heavy-Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	62.50	11.50
26 27 26 00-0088	EA	20 Amperes, Heavy-Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	72.59	11.50
26 27 26 00-0089	EA	20 Amperes, Extra Heavy-Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	63.26	11.50
26 27 26 00-0090	EA	20 Amperes, Extra Heavy-Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	73.70	11.50
26 27 26 00-0091	EA	20 Amperes, Non-Magnetic MRI Hospital Grade, NEMA 5-20, Duplex Receptacle	81.79	11.50
26 27 26 00-0092	EA	120 Volt, Transient Voltage, Surge Suppresser Receptacle Note: Hospital grade receptacle.	150.48	34.49
26 27 26 00-0093		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0094	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	279.32	57.48
26 27 26 00-0095	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	278.64	57.48
26 27 26 00-0096	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	291.46	57.48
26 27 26 00-0097	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	357.33	63.22
26 27 26 00-0098	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	358.40	63.22
26 27 26 00-0099	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	355.93	63.22
26 27 26 00-0100	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	427.88	70.70
26 27 26 00-0101	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	407.03	70.70
26 27 26 00-0102	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	439.67	70.70
26 27 26 00-0103	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	442.55	77.59
26 27 26 00-0104	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	442.15	77.59
26 27 26 00-0105	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	445.10	77.59
26 27 26 00-0106	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	626.90	91.96
26 27 26 00-0107	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	601.65	91.96
26 27 26 00-0108	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	618.09	91.96
26 27 26 00-0109	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	688.35	102.31
26 27 26 00-0110	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	688.84	102.31
26 27 26 00-0111	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	689.32	102.31
26 27 26 00-0112	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	765.88	114.95
26 27 26 00-0113	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	798.25	114.95
26 27 26 00-0114	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	858.11	126.45
26 27 26 00-0115	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	855.68	126.45
26 27 26 00-0116	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	860.25	126.45
26 27 26 00-0117		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0118	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	68.14	11.50
26 27 26 00-0119	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	135.43	14.37
26 27 26 00-0120		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0121	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	29.02	11.50
26 27 26 00-0122	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	32.12	11.50
26 27 26 00-0123	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	41.03	11.50
26 27 26 00-0124	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	45.20	11.50
26 27 26 00-0125	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	70.29	11.50
26 27 26 00-0126	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	76.28	11.50
26 27 26 00-0127	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	81.98	11.50
26 27 26 00-0128		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0129	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	72.48	11.50
26 27 26 00-0130	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	78.66	11.50
26 27 26 00-0131		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0132	EA	TV Receptacle With Cover (Type F), Complete	72.33	26.67
26 27 26 00-0133		**Switches** *(26 27 26)*		
26 27 26 00-0134		**Switches** *(26 27 26 00-0133)*		
26 27 26 00-0135		**Switch Assemblies** *(26 27 26 00-0134)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0136	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	94.63	40.23
26 27 26 00-0137	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	102.00	43.68
26 27 26 00-0138	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	127.38	52.59
26 27 26 00-0139	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	139.81	58.34
26 27 26 00-0140	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	217.40	90.24
26 27 26 00-0141	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	236.05	98.87
26 27 26 00-0142	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	250.42	102.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0143	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	275.29	113.52
26 27 26 00-0144		**Switch Components** *(26 27 26 00-0134)*		
26 27 26 00-0145	EA	15 Amperes, 120/277 Volt, SPST Switch	29.93	11.50
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, 3-Way Switch	37.86	14.37
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, 4-Way Switch	72.45	22.99
26 27 26 00-0148	EA	15 Amperes, 120/277 Volt, DPST Switch	33.97	11.50
26 27 26 00-0149	EA	15 Amperes, 120/277 Volt, Thermal Switch	63.25	14.37
26 27 26 00-0150	EA	20 Amperes, 120/277 Volt, SPST Switch	36.15	14.37
26 27 26 00-0151	EA	20 Amperes, 120/277 Volt, 3-Way Switch	44.62	17.24
26 27 26 00-0152	EA	20 Amperes, 120/277 Volt, 4-Way Switch	96.47	22.99
26 27 26 00-0153	EA	20 Amperes, 120/277 Volt, DPST Switch	42.62	14.37
26 27 26 00-0154	EA	20 Amperes, 120/277 Volt, DPDT Switch	45.49	14.37
26 27 26 00-0155	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	88.43	14.41
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	112.05	14.41
26 27 26 00-0157	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	84.54	17.28
26 27 26 00-0158	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	54.61	20.12
26 27 26 00-0159	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	66.93	22.99
26 27 26 00-0160	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	96.53	22.99
26 27 26 00-0161	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	87.52	23.05
26 27 26 00-0162	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	108.76	23.05
26 27 26 00-0163	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	112.97	28.81
26 27 26 00-0164	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	159.09	31.69
26 27 26 00-0165	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	72.59	18.84
26 27 26 00-0166	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	104.95	18.84
26 27 26 00-0167	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	91.00	18.84
26 27 26 00-0168	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	86.20	18.84
26 27 26 00-0169	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	99.08	9.34
26 27 26 00-0170	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	105.59	9.34
26 27 26 00-0171	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	109.98	35.96
26 27 26 00-0172	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	133.60	35.96
26 27 26 00-0173	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	162.39	11.53
26 27 26 00-0174	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	86.63	11.53
26 27 26 00-0175	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	276.96	11.50
26 27 26 00-0176	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	49.98	11.50
26 27 26 00-0177	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	92.51	11.53
26 27 26 00-0178	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	106.59	11.53
26 27 26 00-0179	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	137.29	11.53
26 27 26 00-0180	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	167.32	11.53
26 27 26 00-0181		**Specialty Switches** *(26 27 26 00-0133)*		
26 27 26 00-0182		**Dimmers With SPST Switch** *(26 27 26 00-0181)*		
26 27 26 00-0183	EA	600 Watt Dimmers With SPST Switch	66.73	25.86
26 27 26 00-0184	EA	1,000 Watt Dimmers With SPST Switch	113.56	25.86
26 27 26 00-0185	EA	1,500 Watt Dimmers With SPST Switch	204.20	41.62
26 27 26 00-0186	EA	2,000 Watt Dimmers With SPST Switch	263.96	41.62
26 27 26 00-0187	EA	600 Watt Fluorescent Dimmer Switch	147.47	30.70
26 27 26 00-0188	EA	1,000 Watt Fluorescent Dimmer Switch	198.89	30.70
26 27 26 00-0189	EA	1,500 Watt Fluorescent Dimmer Switch	359.37	46.32
26 27 26 00-0190	EA	Remote Speed Switch For Paddle Fan	109.65	38.28
26 27 26 00-0191	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	180.44	57.13
26 27 26 00-0192		**Time Switches** *(26 27 26 00-0181)*		
26 27 26 00-0193	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	123.07	34.49
26 27 26 00-0194	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	125.77	34.49
26 27 26 00-0195	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	123.07	34.49
26 27 26 00-0196	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	125.77	34.49
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	141.10	34.49
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	141.10	34.49
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	247.49	34.49
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	247.49	34.49
26 27 26 00-0201	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	213.35	34.49
26 27 26 00-0202	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	234.20	34.49
26 27 26 00-0203	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	234.20	34.49
26 27 26 00-0204	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	283.46	34.49
26 27 26 00-0205	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	291.75	34.49
26 27 26 00-0206	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	123.07	34.49
26 27 26 00-0207	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	125.77	34.49
26 27 26 00-0208	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	123.07	34.49
26 27 26 00-0209	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	125.77	34.49
26 27 26 00-0210	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	141.10	34.49
26 27 26 00-0211	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	141.10	34.49
26 27 26 00-0212	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	247.49	34.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0213	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	247.49	34.49
26 27 26 00-0214	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	283.46	34.49
26 27 26 00-0215	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	291.75	34.49
26 27 26 00-0216		**Low Voltage Switching** *(26 27 26 00-0181)*		
26 27 26 00-0217	EA	36 Pin Male Or Female Connector	197.88	11.50
26 27 26 00-0218		**Other Switches** *(26 27 26 00-0181)*		
26 27 26 00-0219	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	37.84	17.24
26 27 26 00-0220	EA	SPST Locking Switch For Concealed Devices	115.20	45.98
26 27 26 00-0221	EA	3-Way Locking Switch For Concealed Devices	116.66	45.98
26 27 26 00-0222	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	127.20	42.99
26 27 26 00-0223	EA	15 Amperes Momentary Contact Switch	121.29	42.99
26 27 26 00-0224	EA	20 Amperes Momentary Contact Switch	127.51	42.99
26 27 26 00-0225	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	121.07	51.86
26 27 26 00-0226	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	122.81	51.86
26 27 26 00-0227	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	151.06	63.38
26 27 26 00-0228	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	137.37	57.63
26 27 26 00-0229	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	137.80	57.63
26 27 26 00-0230		**Hospital Grade Switches** *(26 27 26 00-0181)*		
26 27 26 00-0231	EA	15 Amperes, 120/277 Volt, SPST Hospital Grade Switch	29.93	11.50
26 27 26 00-0232	EA	20 Amperes, 120/277 Volt, SPST Hospital Grade Switch	36.15	14.37
26 27 26 00-0233		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0234		**Wall Plates** *(26 27 26 00-0233)*		
26 27 26 00-0235		**Nylon Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0236	EA	1 Gang Nylon Switch Wall Plates	1.93	0.57
26 27 26 00-0237	EA	2 Gang Nylon Switch Wall Plates	3.28	0.87
26 27 26 00-0238	EA	3 Gang Nylon Switch Wall Plates	4.68	1.16
26 27 26 00-0239	EA	4 Gang Nylon Switch Wall Plate	6.81	1.44
26 27 26 00-0240	EA	1 Gang Duplex Nylon Wall Plate	1.95	0.57
26 27 26 00-0241	EA	2 Gang Duplex Nylon Wall Plate	3.37	0.87
26 27 26 00-0242		**Plastic Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0243	EA	1 Gang Plastic Switch Wall Plates	1.78	0.57
26 27 26 00-0244	EA	2 Gang Plastic Switch Wall Plates	2.97	0.87
26 27 26 00-0245	EA	3 Gang Plastic Switch Wall Plates	4.18	1.16
26 27 26 00-0246	EA	4 Gang Plastic Switch Wall Plates	6.81	1.44
26 27 26 00-0247	EA	1 Gang Duplex Plastic Wall Plate	1.78	0.57
26 27 26 00-0248	EA	2 Gang Duplex Plastic Wall Plate	2.98	0.87
26 27 26 00-0249		**Thermoplastic Wall Plates (Hospital Grade)** *(26 27 26 00-0234)*		
26 27 26 00-0250	EA	1 Gang Thermoplastic Hospital Grade Switch Wall Plate	9.28	0.57
26 27 26 00-0251	EA	2 Gang Thermoplastic Hospital Grade Switch Wall Plate	11.18	0.87
26 27 26 00-0252	EA	3 Gang Thermoplastic Hospital Grade Switch Wall Plate	17.58	1.16
26 27 26 00-0253	EA	4 Gang Thermoplastic Hospital Grade Switch Wall Plate	25.80	1.44
26 27 26 00-0254	EA	1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	13.78	0.57
26 27 26 00-0255	EA	2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	21.67	0.87
26 27 26 00-0256		**Brass Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0257	EA	1 Gang, 0.04" Brass Switch Wall Plates	19.75	2.60
26 27 26 00-0258	EA	2 Gang, 0.04" Brass Switch Wall Plates	37.62	3.00
26 27 26 00-0259	EA	3 Gang, 0.04" Brass Switch Wall Plates	55.35	3.34
26 27 26 00-0260	EA	4 Gang, 0.04" Brass Switch Wall Plates	86.61	3.63
26 27 26 00-0261	EA	5 Gang, 0.04" Brass Switch Wall Plates	105.68	3.86
26 27 26 00-0262	EA	6 Gang, 0.04" Brass Switch Wall Plates	122.45	4.03
26 27 26 00-0263	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	19.75	2.60
26 27 26 00-0264	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	44.25	3.00
26 27 26 00-0265	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	64.09	3.34
26 27 26 00-0266		**Stainless Steel Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0267	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	10.17	2.60
26 27 26 00-0268	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	16.69	3.00
26 27 26 00-0269	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	23.57	3.34
26 27 26 00-0270	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	35.00	3.63
26 27 26 00-0271	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	41.36	3.86
26 27 26 00-0272	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	50.23	4.03
26 27 26 00-0273	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	11.22	2.60
26 27 26 00-0274	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	19.17	3.00
26 27 26 00-0275	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	31.79	3.34
26 27 26 00-0276	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	38.57	3.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0277		**Chrome Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0278	EA	1 Gang, 0.040" Chrome Switch Wall Plate	40.36	2.60
26 27 26 00-0279	EA	2 Gang 0.040" Chrome Switch Wall Plate	76.24	3.00
26 27 26 00-0280	EA	3 Gang 0.040" Chrome Switch Wall Plate	112.07	3.34
26 27 26 00-0281	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	40.33	2.60
26 27 26 00-0282		**Ceramic Wall Plates** *(26 27 26 00-0234)*		
26 27 26 00-0283	EA	1 Gang, Ceramic Switch Wall Plate	20.87	3.17
26 27 26 00-0284	EA	1 Gang, Ceramic Duplex Receptacle Wall Plate	20.87	3.17
26 27 26 00-0285	EA	2 Gang, Ceramic Switch Wall Plate	24.30	3.00
26 27 26 00-0286	EA	2 Gang, Ceramic Combination Switch/Receptacle Wall Plate	24.30	3.00
26 27 26 00-0287	EA	3 Gang, Ceramic Switch Wall Plate	31.65	3.34
26 27 26 00-0288		**Weatherproof Covers** *(26 27 26 00-0233)*		
26 27 26 00-0289		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0290	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	13.75	0.57
26 27 26 00-0291	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	14.91	0.57
26 27 26 00-0292	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	14.91	0.57
26 27 26 00-0293	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	14.91	0.57
26 27 26 00-0294	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	18.22	0.87
26 27 26 00-0295	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	20.73	0.87
26 27 26 00-0296	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	20.99	0.87
26 27 26 00-0297	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	20.99	0.87
26 27 26 00-0298	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	28.66	0.87
26 27 26 00-0299	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	27.00	1.16
26 27 26 00-0300	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	29.57	1.16
26 27 26 00-0301		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0302	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	16.88	0.57
26 27 26 00-0303	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	54.41	0.57
26 27 26 00-0304	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	61.04	0.57
26 27 26 00-0305	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	16.75	0.57
26 27 26 00-0306	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	46.09	0.57
26 27 26 00-0307	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	76.82	0.57
26 27 26 00-0308	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	97.86	0.57
26 27 26 00-0309	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	20.99	0.87
26 27 26 00-0310	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	154.60	0.87
26 27 26 00-0311	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	35.24	1.16
26 27 26 00-0312	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	147.55	1.16
26 27 26 00-0313		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0314	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.56	0.57
26 27 26 00-0315	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	7.17	0.57
26 27 26 00-0316	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	9.59	0.87
26 27 26 00-0317	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	10.42	0.87
26 27 26 00-0318	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	10.42	0.87
26 27 26 00-0319	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.63	0.87
26 27 26 00-0320		**Heavy-Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0321	EA	Duplex Receptacle, Single Gang, Heavy-Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	57.95	0.57
26 27 26 00-0322		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0323	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.57	0.57
26 27 26 00-0324	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.57	0.57
26 27 26 00-0325	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.57	0.57
26 27 26 00-0326	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	14.26	0.87
26 27 26 00-0327	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	14.26	0.87
26 27 26 00-0328		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0288)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0329	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	94.77	0.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0330		**Non-Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0288)* Note: Includes neoprene gasket.		
26 27 26 00-0331	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover	13.75	0.57
26 27 26 00-0332	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover	14.70	0.86
26 27 26 00-0333	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	13.79	0.57
26 27 26 00-0334	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	30.59	0.57
26 27 26 00-0335	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	35.48	0.57
26 27 26 00-0336	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	28.73	0.57
26 27 26 00-0337	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	21.37	0.57
26 27 26 00-0338	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	25.04	0.57
26 27 26 00-0339	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	22.37	0.57
26 27 26 00-0340	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover	32.21	0.86
26 27 26 00-0341		**Removal And Reinstallation Of Wiring Devices** *(26 27 26)* Note: Includes storage and cleaning.		
26 27 26 00-0342	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	75.62	
26 27 26 00-0343	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	9.58	
26 27 26 00-0344		**In Line Midget Fuseholders** *(26 27 26)* See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0345	EA	Single Pole Water Resistant In Line Midget Fuseholder	88.62	
26 27 26 00-0346	EA	Double Pole Water Resistant In Line Midget Fuseholder	213.30	
26 27 26 00-0347		**Relay Systems** *(26 27 26)*		
26 27 26 00-0348	EA	10 Amperes, 24 Volt Coil, 2 Position Relay	91.15	25.86
26 27 26 00-0349	EA	20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	400.00	86.21
26 27 26 00-0350	EA	20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	685.39	114.95
26 27 26 00-0351		**Limit Switches** *(26 27 26)*		
26 27 26 00-0352		**Heavy-Duty Precision Oiltight** *(26 27 26 00-0351)*		
26 27 26 00-0353		**Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0352)*		
26 27 26 00-0354	EA	Limit Switch, Heavy-Duty, Lever Arm Weatherproof, 10 Amperes Rated	452.46	72.42
26 27 33		**Power Distribution Units** *(26 27)* Note: Includes wiring connections and testing.		
26 27 33 00-0001		**Liebert Precision Power Center** *(26 27 33)* Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	21,880.36	353.49
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	26,432.93	383.14
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	30,127.96	425.33
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	34,673.82	459.82
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	37,813.56	574.77
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	42,408.24	689.72
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	48,928.54	804.68
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	51,426.42	919.64
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	54,309.41	1,034.59
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,915.90	114.95
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,872.01	143.69
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,524.01	172.43
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,839.27	
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,379.45	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		**Door Bell Chime And Door Button With Built-In Viewer** *(26 27 73)* Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	84.22	17.32
26 27 73 00-0003		**Wireless Door Bell System** *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH) Note: Includes 2 push buttons	140.29	
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G) Note: Includes 2 push buttons	131.74	
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300) Note: Includes 2 push buttons	96.80	
26 27 73 00-0007		**Door Bell Buzzer System, Wired** *(26 27 73)*		
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	625.11	239.45
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	252.16	57.48
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	102.56	28.74

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*

26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	29.50	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.61	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	27.41	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	27.24	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.36	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	26.17	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.65	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.36	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.72	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.95	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.09	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	

26 28 13 00-0013 Class RK1, Time Delay Fuses *(26 28 13)*

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	50.56	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.68	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.39	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.03	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.33	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.71	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.43	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.10	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.45	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.01	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	58.26	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	56.97	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	57.94	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	57.14	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	55.97	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	109.01	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	108.37	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	121.47	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	107.34	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	322.99	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	233.70	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	212.97	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	224.87	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	430.32	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	461.43	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	497.01	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	380.28	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	861.82	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	812.21	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	630.23	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 28 13 00-0046 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	82.47	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	76.30	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	71.13	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	72.83	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	71.36	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	71.89	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	66.25	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	65.69	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	64.93	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	66.04	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	99.51	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	99.77	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	97.66	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	98.66	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	99.54	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	

26 28 13 00-0062 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	191.60	10.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	195.58	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	194.46	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	195.34	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	366.77	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	372.47	11.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.59*	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	365.21	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	364.27	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	705.93	14.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.31*	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	707.53	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	799.81	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	723.22	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,311.23	17.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,163.18	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,012.14	20.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	

26 28 13 00-0078 600 Volt AC, Class CC Midget Fuses *(26 28 13)*

Note: 250/300 Volt DC.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	59.38	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	60.40	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	60.11	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	59.79	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	64.63	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	56.88	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	65.99	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	59.82	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	58.55	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	55.64	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	58.11	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.52*	

26 28 13 00-0090 200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse *(26 28 13)*

26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	81.81	5.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	82.48	5.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.45*	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	69.48	6.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.14*	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	67.51	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	69.13	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	67.69	8.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 28 13 00-0097	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	85.78	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0098	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	69.65	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0099	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	129.85	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0100	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	109.10	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0101	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	126.67	11.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 28 13 00-0102	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	108.57	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 28 13 00-0103	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	106.33	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 28 13 00-0104	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	169.84	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 28 13 00-0105	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	182.15	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 28 13 00-0106	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	179.01	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 28 13 00-0107	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	152.12	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	381.72	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	321.55	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	303.00	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	307.79	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	251.82	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	670.39	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	618.16	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	567.89	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	621.39	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	506.47	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	1,103.39	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	930.10	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	684.86	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0121		600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*		
26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,144.39	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,148.65	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,152.62	14.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,143.12	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,972.57	17.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.35*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,109.20	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,939.88	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,171.75	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,129.03	20.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,889.19	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,940.58	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,586.47	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,879.88	22.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,894.72	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,658.02	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,431.27	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,629.76	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,678.91	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,759.02	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,705.90	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,341.44	25.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,077.06	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,428.96	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,826.72	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,829.75	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,541.03	28.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,269.70	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	8,857.77	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	10,282.29	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	5,934.55	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	9,380.82	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	15,546.19	31.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.97*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	58.35	20.69
		For Bolt-On, Add	*15.34*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	58.35	20.69
		For Bolt-On, Add	*15.34*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	86.03	25.86
		For Bolt-On, Add	*20.81*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	135.11	25.86
		For Bolt-On, Add	*26.95*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	191.23	25.86
		For Bolt-On, Add	*33.96*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	223.23	25.86
		For Bolt-On, Add	*37.96*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	104.19	25.86
		For Bolt-On, Add	*23.08*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	97.52	31.04
		For Bolt-On, Add	*24.26*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	97.52	31.04
		For Bolt-On, Add	*24.26*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	149.06	41.38
		For Bolt-On, Add	*34.73*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	252.95	51.73
		For Bolt-On, Add	*51.74*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	299.65	57.48
		For Bolt-On, Add	*59.59*	
		For Installation In New Panelboard, Deduct	*-31.61*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	258.08	36.79
		For Bolt-On, Add	*46.74*	
		For Installation In New Panelboard, Deduct	*-20.69*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.83*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	349.88	36.79
		For Bolt-On, Add	*58.22*	
		For Installation In New Panelboard, Deduct	*-20.69*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.83*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	191.88	41.38
		For Bolt-On, Add	*40.08*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	191.88	41.38
		For Bolt-On, Add	*40.08*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	252.41	51.73
		For Bolt-On, Add	*51.67*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	387.67	62.08
		For Bolt-On, Add	*72.60*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	497.03	72.42
		For Bolt-On, Add	*90.29*	
		For Installation In New Panelboard, Deduct	*-40.23*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.28*	
26 28 16 13-0022		Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	87.43	20.69
		For Bolt-On, Add	*18.98*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	87.43	20.69
		For Bolt-On, Add	*18.98*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	160.36	25.86
		For Bolt-On, Add	*30.10*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	254.73	25.86
		For Bolt-On, Add	*41.90*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	174.08	31.04
		For Bolt-On, Add	*33.83*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	174.08	31.04
		For Bolt-On, Add	*33.83*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	350.20	41.38
		For Bolt-On, Add	*59.87*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	478.84	51.73
		For Bolt-On, Add	*79.97*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	710.80	57.48
		For Bolt-On, Add	*110.98*	
		For Installation In New Panelboard, Deduct	*-31.61*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	280.71	41.38
		For Bolt-On, Add	*51.18*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	280.71	41.38
		For Bolt-On, Add	*51.18*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	423.60	51.73
		For Bolt-On, Add	*73.07*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	606.96	62.08
		For Bolt-On, Add	*100.01*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	948.70	72.42
		For Bolt-On, Add	*146.75*	
		For Installation In New Panelboard, Deduct	*-40.23*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.28*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,097.04	77.59
		For Bolt-On, Add	*167.31*	
		For Installation In New Panelboard, Deduct	*-43.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,178.80	82.77
		For Bolt-On, Add	*179.54*	
		For Installation In New Panelboard, Deduct	*-45.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.18*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,398.64	87.94
		For Bolt-On, Add	*209.03*	
		For Installation In New Panelboard, Deduct	*-48.86*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.63*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	106.54	20.69
		For Bolt-On, Add	*21.36*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	106.54	20.69
		For Bolt-On, Add	*21.36*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	179.24	25.86
		For Bolt-On, Add	*32.46*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	223.88	31.04
		For Bolt-On, Add	*40.05*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	223.88	31.04
		For Bolt-On, Add	*40.05*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	397.96	41.38
		For Bolt-On, Add	*65.84*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,041.88	51.73
		For Bolt-On, Add	*150.35*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	362.90	41.38
		For Bolt-On, Add	*61.46*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	362.90	41.38
		For Bolt-On, Add	*61.46*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	483.43	51.73
		For Bolt-On, Add	*80.55*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,290.55	62.08
		For Bolt-On, Add	*185.46*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	122.77	20.69
		For Bolt-On, Add	*23.39*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	122.77	20.69
		For Bolt-On, Add	*23.39*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	144.13	25.86
		For Bolt-On, Add	*28.08*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	252.56	25.86
		For Bolt-On, Add	*41.63*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	266.22	31.04
		For Bolt-On, Add	*45.35*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	266.22	31.04
		For Bolt-On, Add	*45.35*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	321.26	41.38
		For Bolt-On, Add	*56.25*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	466.48	51.73
		For Bolt-On, Add	*78.43*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	607.60	57.48
		For Bolt-On, Add	*98.08*	
		For Installation In New Panelboard, Deduct	*-31.61*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	760.21	67.25
		For Bolt-On, Add	*121.18*	
		For Installation In New Panelboard, Deduct	*-37.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.83*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	818.07	77.59
		For Bolt-On, Add	*132.43*	
		For Installation In New Panelboard, Deduct	*-43.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	321.97	41.38
		For Bolt-On, Add	*56.34*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	321.97	41.38
		For Bolt-On, Add	*56.34*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	376.31	51.73
		For Bolt-On, Add	*67.16*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	578.93	62.08
		For Bolt-On, Add	*96.51*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	760.41	80.47
		For Bolt-On, Add	*126.23*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	942.02	93.12
		For Bolt-On, Add	*153.96*	
		For Installation In New Panelboard, Deduct	*-51.73*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,002.12	98.87
		For Bolt-On, Add	*163.49*	
		For Installation In New Panelboard, Deduct	*-54.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.52*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	276.79	31.04
		For Bolt-On, Add	*46.67*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	276.79	31.04
		For Bolt-On, Add	*46.67*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	423.51	41.38
		For Bolt-On, Add	*69.03*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	694.97	51.73
		For Bolt-On, Add	*106.99*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,089.81	64.38
		For Bolt-On, Add	*161.37*	
		For Installation In New Panelboard, Deduct	*-35.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.11*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,238.07	67.25
		For Bolt-On, Add	*180.91*	
		For Installation In New Panelboard, Deduct	*-37.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.83*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,350.95	77.59
		For Bolt-On, Add	*199.04*	
		For Installation In New Panelboard, Deduct	*-43.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	399.25	41.38
		For Bolt-On, Add	*66.00*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	399.25	41.38
		For Bolt-On, Add	*66.00*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	503.10	51.73
		For Bolt-On, Add	*83.00*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	865.58	62.08
		For Bolt-On, Add	*132.34*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,269.86	80.47
		For Bolt-On, Add	*189.91*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,500.70	93.12
		For Bolt-On, Add	*223.80*	
		For Installation In New Panelboard, Deduct	*-51.73*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,624.75	98.87
		For Bolt-On, Add	*241.32*	
		For Installation In New Panelboard, Deduct	*-54.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.52*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	287.31	31.04
		For Bolt-On, Add	*47.98*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	287.31	31.04
		For Bolt-On, Add	*47.98*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	520.54	41.38
		For Bolt-On, Add	*81.16*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	964.03	51.73
		For Bolt-On, Add	*140.62*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,534.57	64.38
		For Bolt-On, Add	*216.97*	
		For Installation In New Panelboard, Deduct	*-35.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.11*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,749.60	67.25
		For Bolt-On, Add	*244.85*	
		For Installation In New Panelboard, Deduct	*-37.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.83*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	1,902.94	77.59
		For Bolt-On, Add	*268.04*	
		For Installation In New Panelboard, Deduct	*-43.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.73*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	472.03	41.38
		For Bolt-On, Add	*75.10*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	472.03	41.38
		For Bolt-On, Add	*75.10*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	629.25	51.73
		For Bolt-On, Add	*98.77*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,173.01	62.08
		For Bolt-On, Add	*170.77*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,481.20	80.47
		For Bolt-On, Add	*216.33*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,378.96	93.12
		For Bolt-On, Add	*333.58*	
		For Installation In New Panelboard, Deduct	*-51.73*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.07*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,534.08	98.87
		For Bolt-On, Add	*354.98*	
		For Installation In New Panelboard, Deduct	*-54.60*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.52*	

26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	149.26	20.69
		For Bolt-On, Add	*26.70*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	149.26	20.69
		For Bolt-On, Add	*26.70*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	262.76	25.86
		For Bolt-On, Add	*42.90*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	330.35	31.04
		For Bolt-On, Add	*53.36*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	330.35	31.04
		For Bolt-On, Add	*53.36*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	609.61	41.38
		For Bolt-On, Add	*92.29*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,141.94	51.73
		For Bolt-On, Add	*162.86*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,237.25	64.38
		For Bolt-On, Add	*304.80*	
		For Installation In New Panelboard, Deduct	*-35.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.11*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	549.69	41.38
		For Bolt-On, Add	*84.80*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	549.69	41.38
		For Bolt-On, Add	*84.80*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	737.15	51.73
		For Bolt-On, Add	*112.26*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,407.52	62.08
		For Bolt-On, Add	*200.08*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,781.75	80.47
		For Bolt-On, Add	*378.90*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	

26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	223.88	20.69
		For Bolt-On, Add	*36.03*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	223.88	20.69
		For Bolt-On, Add	*36.03*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	342.12	25.86
		For Bolt-On, Add	*52.82*	
		For Installation In New Panelboard, Deduct	*-14.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	416.69	31.04
		For Bolt-On, Add	*64.16*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	416.69	31.04
		For Bolt-On, Add	*64.16*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	795.49	41.38
		For Bolt-On, Add	*115.53*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,457.31	51.73
		For Bolt-On, Add	*202.28*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,932.47	57.48
		For Bolt-On, Add	*388.69*	
		For Installation In New Panelboard, Deduct	*-31.61*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	722.71	41.38
		For Bolt-On, Add	*106.43*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	722.71	41.38
		For Bolt-On, Add	*106.43*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,004.47	51.73
		For Bolt-On, Add	*145.68*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,642.03	62.08
		For Bolt-On, Add	*229.39*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	3,695.81	80.47
		For Bolt-On, Add	*493.16*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	

26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	95.07	20.69
		For Bolt-On, Add	*19.93*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	207.31	31.04
		For Bolt-On, Add	*37.98*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	332.94	41.38
		For Bolt-On, Add	*57.71*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	211.09	20.69
		For Bolt-On, Add	*34.43*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	211.09	20.69
		For Bolt-On, Add	*34.43*	
		For Installation In New Panelboard, Deduct	*-11.50*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.79*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	420.27	41.38
		For Bolt-On, Add	*68.63*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	487.81	31.04
		For Bolt-On, Add	*73.05*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	487.81	31.04
		For Bolt-On, Add	*73.05*	
		For Installation In New Panelboard, Deduct	*-17.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	955.78	41.38
		For Bolt-On, Add	*135.57*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,635.21	51.73
		For Bolt-On, Add	*224.52*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,634.02	64.38
		For Bolt-On, Add	*479.40*	
		For Installation In New Panelboard, Deduct	*-35.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.11*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	824.45	41.38
		For Bolt-On, Add	*119.15*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	824.45	41.38
		For Bolt-On, Add	*119.15*	
		For Installation In New Panelboard, Deduct	*-22.99*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,152.17	51.73
		For Bolt-On, Add	*164.14*	
		For Installation In New Panelboard, Deduct	*-28.74*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.49*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,771.41	62.08
		For Bolt-On, Add	*245.57*	
		For Installation In New Panelboard, Deduct	*-34.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.38*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	4,518.94	80.47
		For Bolt-On, Add	*596.05*	
		For Installation In New Panelboard, Deduct	*-44.55*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.45*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

26 28 16 16-0003 Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	454.52	114.95
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	726.30	138.52
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,006.31	162.09
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,739.99	255.20
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,741.72	396.60
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,269.86	586.27
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,584.47	689.72
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,559.94	804.68

26 28 16 16-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	705.11	127.72
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	850.82	153.93
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,371.42	179.90
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,022.59	283.93
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,463.96	440.50
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,968.99	651.10
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,361.30	765.94
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,198.77	894.12

26 28 16 16-0022 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	641.75	180.48
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	953.24	239.68
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,299.39	266.12
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,056.73	416.71
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,323.19	683.98
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,075.38	958.14
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	848.81	199.45
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,075.31	266.12
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,610.46	299.46
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,366.97	456.37
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,350.09	736.86
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,643.48	1,064.47
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,874.32	1,264.50
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	17,785.89	1,436.92
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	620.18	180.48
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	925.36	239.68
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,248.67	266.12
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,126.48	416.71
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,716.30	683.98
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,666.78	958.14
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,795.88	1,207.02
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,807.61	1,379.45
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	927.97	199.45
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,172.58	266.12
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,752.69	299.46
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,579.89	456.37
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,804.35	736.86
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,445.76	1,064.47
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,206.30	1,264.50
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	19,224.71	1,436.92
26 28 16 16-0056		Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	440.87	166.34
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	690.00	231.40
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	961.02	266.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,503.93	425.79
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,062.91	709.61
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,044.88	967.68
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,250.83	1,149.54
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,608.25	1,341.63
26 28 16 16-0066		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	487.02	183.58
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	781.91	259.68
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,087.18	295.66
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,686.78	462.81
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,295.70	760.31
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,580.16	1,064.36
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,065.05	1,149.54
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,723.30	1,341.63
26 28 16 16-0075		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	510.33	149.44
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	786.61	208.07
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,072.11	239.68
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,682.59	383.37
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,402.67	638.57
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,527.19	870.77
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,633.90	1,034.59
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,591.13	1,207.02
26 28 16 16-0084		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	556.28	164.96
26 28 16 16-0086	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	863.82	233.93
26 28 16 16-0087	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,167.69	266.12
26 28 16 16-0088	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,814.67	416.71
26 28 16 16-0089	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,645.70	683.98
26 28 16 16-0090	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,971.76	958.14
26 28 16 16-0091	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,172.74	1,034.59
26 28 16 16-0092		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	596.44	165.19
26 28 16 16-0094	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	932.31	233.70
26 28 16 16-0095	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,279.09	266.12
26 28 16 16-0096	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,986.25	416.48
26 28 16 16-0097	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,885.71	684.21
26 28 16 16-0098	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,682.07	957.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0099	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,983.47	1,034.59
26 28 16 16-0100	EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,407.88	1,207.02
26 28 16 16-0101		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	896.11	149.67
26 28 16 16-0103	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,075.94	208.30
26 28 16 16-0104	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,668.86	239.45
26 28 16 16-0105	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,498.75	383.14
26 28 16 16-0106		**480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	969.71	164.96
26 28 16 16-0108	EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,173.85	233.93
26 28 16 16-0109	EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,807.09	266.12
26 28 16 16-0110	EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,689.15	416.71
26 28 16 16-0111		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,081.51	165.19
26 28 16 16-0113	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,297.16	233.70
26 28 16 16-0114	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,028.83	266.12
26 28 16 16-0115	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,012.17	416.48
26 28 16 16-0116		**General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0002)* Note: Includes fuses and neutral bar.		
26 28 16 16-0117		**240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	310.52	100.01
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	427.10	120.36
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	667.75	140.70
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,245.35	221.98
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,006.49	344.28
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,655.03	509.59
26 28 16 16-0124		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	424.48	157.14
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	602.50	208.30
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	849.12	231.40
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,527.12	362.22
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,510.81	595.00
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,307.63	832.96
26 28 16 16-0131		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	476.64	157.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	686.60	208.30
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	925.64	231.40
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,719.92	362.22
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,840.35	595.00
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,516.52	832.96
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	423.68	139.10
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	570.01	159.90
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,313.00	255.54
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,845.68	425.33
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,964.20	579.60
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	400.54	130.12
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	548.18	181.05
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	850.04	208.30
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,469.16	333.26
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,106.90	555.46
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,321.58	757.09
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153		Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	675.68	135.07
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,087.62	162.09
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,362.74	188.53
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,991.97	287.38
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,443.87	459.82
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,834.87	613.28
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,802.28	689.72
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,665.64	804.68
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,175.52	180.02
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,398.28	220.71
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,999.09	253.48
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,811.03	380.15
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,166.76	622.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,410.21	855.37
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,841.67	984.92
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,547.01	1,108.74
26 28 16 16-0172		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	852.16	212.66
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,366.18	281.63
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,653.97	309.23
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,447.45	478.78
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,350.19	798.36
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,989.24	1,064.47
26 28 16 16-0179		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,322.10	252.09
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,575.46	309.00
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,123.52	354.75
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,080.69	532.24
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,547.87	870.89
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,918.36	1,197.48
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,947.87	1,379.45
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,311.28	1,551.89
26 28 16 16-0188		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	940.61	212.66
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,368.75	281.63
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,778.34	309.23
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,530.40	478.78
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,426.28	798.36
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,826.19	1,064.47
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,538.78	1,207.02
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,646.18	1,379.45
26 28 16 16-0197		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,372.85	252.32
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,632.52	309.23
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,250.33	354.63
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,163.12	532.24
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,845.87	870.77
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,260.75	1,197.25
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,026.01	1,379.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	21,732.41	1,551.89
26 28 16 16-0206		Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	643.92	118.28
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,058.69	163.81
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,398.79	187.84
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,847.66	304.17
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,155.82	507.40
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,640.44	676.51
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,362.80	805.02
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,356.07	919.98
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	725.69	130.36
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,200.54	182.43
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,581.00	206.00
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,055.15	319.35
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,727.33	532.24
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,254.30	709.61
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,188.39	843.31
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,442.76	957.91
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	762.19	177.37
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,222.45	245.66
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,586.63	281.75
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,151.77	456.26
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,726.91	761.00
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,441.70	1,014.47
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,307.14	1,207.02
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,672.34	1,379.45
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	827.49	195.42
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,330.81	273.71
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,714.24	309.00
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,285.91	479.01
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,030.23	798.24
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,998.93	1,064.36
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,199.95	1,264.50

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26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,850.65	1,436.92
26 28 16 16-0243		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	424.01	195.42
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,383.00	273.71
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,787.01	309.00
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,374.47	479.01
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,259.52	798.24
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,963.89	1,064.36
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,180.32	1,264.50
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,823.94	1,436.92
26 28 16 16-0252		**General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		**240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	404.65	117.48
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	577.15	140.93
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	764.35	163.92
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,589.00	249.91
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,939.34	399.81
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,026.28	533.38
26 28 16 16-0260		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	540.61	185.19
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	785.74	244.97
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	973.56	268.76
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,923.29	416.48
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,530.43	694.10
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,820.69	925.84
26 28 16 16-0267		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	613.72	185.08
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	859.03	244.97
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,209.57	268.76
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,075.73	416.48
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,628.36	694.21
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,585.35	925.84
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,337.15	1,048.85
26 28 16 16-0275		**General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0276		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	365.94	102.88
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	605.33	142.43
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	632.86	163.35
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,618.71	264.39
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,023.03	441.19
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,139.38	588.22
26 28 16 16-0283		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	574.48	154.27
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	829.08	213.59
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,230.80	244.97
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,121.70	396.71
26 28 16 16-0288		**NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0001)*		
26 28 16 16-0289		**Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,855.21	114.95
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,228.49	138.52
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,576.65	161.86
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,322.15	255.43
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,883.64	396.37
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,515.18	586.04
26 28 16 16-0297		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,358.87	127.72
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,620.21	153.81
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,947.06	179.79
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,984.16	283.93
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,372.45	440.73
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,169.39	651.10
26 28 16 16-0304		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,071.83	180.71
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,593.54	239.45
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,995.52	266.12
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,091.69	416.48
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,859.40	684.21
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,783.15	957.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0311		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,509.13	199.56
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,851.91	266.12
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,200.41	299.34
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,348.55	456.13
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,305.64	736.86
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,352.35	1,064.36
26 28 16 16-0318		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,485.39	180.71
26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,110.55	239.45
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,030.04	266.12
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,506.35	416.48
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,643.64	684.21
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	23,609.37	957.91
26 28 16 16-0325		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,997.81	199.56
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,406.06	266.12
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,256.39	299.34
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,775.04	456.13
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,127.44	736.86
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	24,230.73	1,064.36
26 28 16 16-0332		**Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0288)*		
26 28 16 16-0333		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,778.89	114.95
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,160.38	159.90
26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,095.22	183.92
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,672.54	293.83
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,338.31	489.24
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,815.28	666.50
26 28 16 16-0340		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,023.98	126.79
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,461.98	179.33
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,668.55	204.38
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,450.01	319.35
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,748.08	525.57
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,879.87	735.70

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,848.35	149.67
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,227.72	208.30
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,319.46	239.45
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,493.70	383.14
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,362.11	638.68
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,668.02	870.89
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,100.60	165.19
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,570.71	233.70
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,792.00	266.12
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,644.24	416.48
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,301.83	684.21
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,831.67	957.91
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,555.38	149.67
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,057.02	208.30
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,935.37	239.45
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,575.48	383.14
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,908.63	165.19
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,485.03	233.70
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,910.93	266.12
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,043.42	416.48
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,380.74	199.45
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,844.14	266.12
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,953.59	299.46
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,034.70	456.37
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,171.13	164.96
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,624.51	233.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,577.61	266.12
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,927.48	416.71
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,872.79	199.45
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,394.74	266.12
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,994.85	299.46
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0388	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,636.69	164.96
26 28 16 16-0389	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,145.84	233.93
26 28 16 16-0390	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,577.05	266.12
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0392		Heavy-Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)* Note: With fuses and neutral bar.		
26 28 16 16-0393	EA	30 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,045.27	229.90
26 28 16 16-0394	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,435.25	273.71
26 28 16 16-0395	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,808.27	309.00
26 28 16 16-0396	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	8,124.65	479.01
26 28 16 16-0397		Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0398	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,341.94	273.71
26 28 16 16-0399	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,743.52	309.00
26 28 16 16-0400	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,065.59	479.01
26 28 16 16-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0402		Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* Note: With fuses and neutral bar.		
26 28 16 16-0403		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0404	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	659.15	114.95
26 28 16 16-0405	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	863.65	138.52
26 28 16 16-0406	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,185.16	162.09
26 28 16 16-0407	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,003.29	255.20
26 28 16 16-0408	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,311.78	396.60
26 28 16 16-0409	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,816.93	586.27
26 28 16 16-0410		600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0411	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,048.02	127.60
26 28 16 16-0412	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,075.13	154.04
26 28 16 16-0413	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,558.95	179.90
26 28 16 16-0414	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,438.41	283.93
26 28 16 16-0415	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,364.31	440.28
26 28 16 16-0416	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,666.33	651.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0417		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0418	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	910.93	180.48
26 28 16 16-0419	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,264.52	239.68
26 28 16 16-0420	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,741.26	266.12
26 28 16 16-0421	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,582.92	416.71
26 28 16 16-0422	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,103.07	683.98
26 28 16 16-0423	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,227.33	958.14
26 28 16 16-0424		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0425	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,223.43	199.45
26 28 16 16-0426	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,375.48	266.12
26 28 16 16-0427	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,050.69	299.46
26 28 16 16-0428	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,979.36	456.37
26 28 16 16-0429	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,298.92	736.86
26 28 16 16-0430	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,931.26	1,064.47
26 28 16 16-0431		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0432	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	976.54	180.48
26 28 16 16-0433	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,309.59	239.68
26 28 16 16-0434	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,882.73	266.12
26 28 16 16-0435	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,760.54	416.71
26 28 16 16-0436	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,578.63	683.98
26 28 16 16-0437	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,548.61	958.14
26 28 16 16-0438		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0439	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,299.50	199.45
26 28 16 16-0440	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,578.39	266.12
26 28 16 16-0441	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,190.21	299.46
26 28 16 16-0442	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,245.65	456.37
26 28 16 16-0443	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,730.07	736.86
26 28 16 16-0444	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	12,286.32	1,064.47
26 28 16 16-0445		**Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0401)*		
26 28 16 16-0446		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0447	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	691.08	166.11
26 28 16 16-0448	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	914.54	231.63
26 28 16 16-0449	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,219.93	266.12
26 28 16 16-0450	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,731.71	425.91
26 28 16 16-0451	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,849.25	709.84
26 28 16 16-0452	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,123.51	967.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0454	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	770.65	183.35
26 28 16 16-0455	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,016.04	259.80
26 28 16 16-0456	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,359.83	295.43
26 28 16 16-0457	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,881.50	462.69
26 28 16 16-0458	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,073.81	760.42
26 28 16 16-0459	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,765.84	1,064.47
26 28 16 16-0460		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0461	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	889.60	149.44
26 28 16 16-0462	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,167.19	208.07
26 28 16 16-0463	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,564.90	239.68
26 28 16 16-0464	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,221.90	383.37
26 28 16 16-0465	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,728.45	638.57
26 28 16 16-0466	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,500.86	870.77
26 28 16 16-0467		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0468	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	865.47	164.96
26 28 16 16-0469	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,259.86	233.93
26 28 16 16-0470	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,673.49	266.12
26 28 16 16-0471	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,183.54	416.71
26 28 16 16-0472	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,735.34	683.98
26 28 16 16-0473	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,953.92	958.14
26 28 16 16-0474		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0475	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,077.30	149.44
26 28 16 16-0476	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,273.94	208.07
26 28 16 16-0477	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,002.20	239.68
26 28 16 16-0478	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,173.99	383.37
26 28 16 16-0479	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,799.54	488.56
26 28 16 16-0480		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0481	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,116.56	164.96
26 28 16 16-0482	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,386.68	233.93
26 28 16 16-0483	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,136.35	266.12
26 28 16 16-0484	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,255.08	416.71
26 28 16 16-0485	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,134.66	643.74
26 28 16 16-0486		Double Throw Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0487		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0488		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0489	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	826.52	147.72
26 28 16 16-0490	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,227.39	193.13
26 28 16 16-0491	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,726.30	252.32
26 28 16 16-0492	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,304.14	328.20
26 28 16 16-0493	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,655.90	410.38
26 28 16 16-0494	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,312.27	658.11
26 28 16 16-0495	EA	800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,788.12	919.64
26 28 16 16-0496	EA	1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,453.43	1,034.59
26 28 16 16-0497	EA	1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,582.77	1,149.54
26 28 16 16-0498		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0499	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,037.81	206.91
26 28 16 16-0500	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,453.38	270.14
26 28 16 16-0501	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,201.34	353.49
26 28 16 16-0502	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,247.56	459.82
26 28 16 16-0503	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,791.45	574.77
26 28 16 16-0504	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,842.15	919.64
26 28 16 16-0505	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,703.16	1,034.59
26 28 16 16-0506	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,252.54	1,149.54
26 28 16 16-0507	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,665.13	1,264.50
26 28 16 16-0508	EA	1,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,087.21	1,494.40
26 28 16 16-0509	EA	2,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,547.61	1,724.31
26 28 16 16-0510	EA	2,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	38,973.72	1,954.22
26 28 16 16-0511	EA	3,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	42,798.04	2,184.13
26 28 16 16-0512		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0513	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,383.08	258.64
26 28 16 16-0514	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,021.98	337.96
26 28 16 16-0515	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,628.41	441.42
26 28 16 16-0516	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,978.03	573.63
26 28 16 16-0517	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,143.55	718.46
26 28 16 16-0518	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,772.16	1,151.26
26 28 16 16-0519	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,213.67	1,264.50
26 28 16 16-0520	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,659.78	1,321.97
26 28 16 16-0521	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	24,321.44	1,379.45
26 28 16 16-0522	EA	1,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	29,704.72	1,609.36
26 28 16 16-0523	EA	2,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	34,183.11	1,839.27
26 28 16 16-0524	EA	2,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	48,693.99	2,069.17
26 28 16 16-0525	EA	3,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	53,836.65	2,299.09
26 28 16 16-0526		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0527	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,425.13	193.13
26 28 16 16-0528	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,152.71	252.32
26 28 16 16-0529	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,184.28	328.20
26 28 16 16-0530	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,601.77	410.38
26 28 16 16-0531	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,223.12	658.11
26 28 16 16-0532	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,783.05	919.64
26 28 16 16-0533	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,991.85	1,034.59
26 28 16 16-0534	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,411.14	1,149.54
26 28 16 16-0535		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0536	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,578.99	270.14
26 28 16 16-0537	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,354.42	353.49
26 28 16 16-0538	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,446.43	459.82
26 28 16 16-0539	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,930.27	574.77
26 28 16 16-0540	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,747.88	919.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0541	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,766.56	1,034.59
26 28 16 16-0542	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,012.22	1,149.54
26 28 16 16-0543	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,578.76	1,264.50
26 28 16 16-0544	EA	1,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,512.47	1,494.40
26 28 16 16-0545	EA	2,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,437.94	1,724.31
26 28 16 16-0546	EA	2,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	38,973.66	1,954.22
26 28 16 16-0547	EA	3,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	46,641.01	2,184.13
26 28 16 16-0548		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0549	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,145.66	337.96
26 28 16 16-0550	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,807.62	441.42
26 28 16 16-0551	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,347.60	573.63
26 28 16 16-0552	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,931.92	718.46
26 28 16 16-0553	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,655.61	1,151.26
26 28 16 16-0554	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,582.14	1,264.50
26 28 16 16-0555	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,561.37	1,321.97
26 28 16 16-0556	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,477.69	1,379.45
26 28 16 16-0557	EA	1,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,353.32	1,609.36
26 28 16 16-0558	EA	2,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	37,233.57	1,839.27
26 28 16 16-0559	EA	2,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	53,149.56	2,069.17
26 28 16 16-0560	EA	3,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	58,760.50	2,299.09
26 28 16 16-0561		**NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0562		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0563	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,174.62	252.32
26 28 16 16-0564	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,055.86	328.20
26 28 16 16-0565	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,740.85	410.38
26 28 16 16-0566	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	28,846.44	658.11
26 28 16 16-0567		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0568	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,844.23	352.91
26 28 16 16-0569	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,622.31	459.25
26 28 16 16-0570	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	17,219.36	574.77
26 28 16 16-0571	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	18,632.28	921.36
26 28 16 16-0572		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0573	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,763.56	258.76
26 28 16 16-0574	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,422.30	337.73
26 28 16 16-0575	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,808.06	441.31
26 28 16 16-0576	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,970.14	573.86
26 28 16 16-0577	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,905.47	718.46
26 28 16 16-0578	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,803.24	1,151.39
26 28 16 16-0579		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0580	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,850.07	193.13
26 28 16 16-0581	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,827.25	252.32
26 28 16 16-0582	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,182.52	328.20
26 28 16 16-0583	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,032.27	410.38
26 28 16 16-0584	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,376.63	658.11
26 28 16 16-0585		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0586	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,081.73	270.14
26 28 16 16-0587	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,151.48	352.91
26 28 16 16-0588	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,682.84	459.25
26 28 16 16-0589	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,845.62	574.77
26 28 16 16-0590	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,535.36	921.36

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0591		600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0592	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,450.97	337.73
26 28 16 16-0593	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,821.21	441.31
26 28 16 16-0594	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,152.71	573.86
26 28 16 16-0595	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,883.91	718.46
26 28 16 16-0596	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,922.06	1,151.39
26 28 16 16-0597		NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0598		240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0599	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,227.83	147.83
26 28 16 16-0600	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,516.60	193.00
26 28 16 16-0601	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,838.35	252.21
26 28 16 16-0602	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,907.01	327.97
26 28 16 16-0603	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,355.39	410.51
26 28 16 16-0604	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,771.16	657.88
26 28 16 16-0605		240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0606	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,549.96	206.91
26 28 16 16-0607	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,009.28	270.14
26 28 16 16-0608	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,562.27	352.91
26 28 16 16-0609	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,975.66	459.25
26 28 16 16-0610	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,140.53	574.77
26 28 16 16-0611	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,034.20	921.36
26 28 16 16-0612		240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0613	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,823.68	258.76
26 28 16 16-0614	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,464.18	337.73
26 28 16 16-0615	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,126.45	441.31
26 28 16 16-0616	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,329.01	573.86
26 28 16 16-0617	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	15,512.93	718.46
26 28 16 16-0618	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	19,204.44	1,151.39
26 28 16 16-0619		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0620	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,336.90	193.00
26 28 16 16-0621	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,495.46	252.21
26 28 16 16-0622	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,668.13	327.97
26 28 16 16-0623	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,639.76	410.51
26 28 16 16-0624	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,914.18	657.88
26 28 16 16-0625		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0626	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,646.58	270.14
26 28 16 16-0627	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,854.74	352.91
26 28 16 16-0628	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,246.40	459.25
26 28 16 16-0629	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,432.08	574.77
26 28 16 16-0630	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,048.08	921.36
26 28 16 16-0631		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0632	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,510.91	337.73
26 28 16 16-0633	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,471.18	441.31
26 28 16 16-0634	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,532.20	573.86
26 28 16 16-0635	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	15,950.28	718.46
26 28 16 16-0636	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	19,784.15	1,151.39
26 28 16 16-0637		Removal And Reinstallation Of Disconnect (Safety) Switches *(26 28 16 16-0001)*		
		Note: Includes storage and cleaning.		
26 28 16 16-0638	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	574.77	
26 28 16 16-0639	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	747.23	
26 28 16 16-0640	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	833.48	
26 28 16 16-0641	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	977.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0642		Bolted Contact Switches *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0643		Electrical Trip, Bolted Contact Switches *(26 28 16 16-0642)*		
26 28 16 16-0644		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0645	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	10,192.39	1,149.54
26 28 16 16-0646	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,990.87	1,379.45
26 28 16 16-0647	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,926.09	1,609.36
26 28 16 16-0648	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	12,548.73	1,839.27
26 28 16 16-0649	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	14,174.31	2,069.17
26 28 16 16-0650	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	17,870.90	2,299.09
26 28 16 16-0651	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	24,196.01	2,758.91
26 28 16 16-0652		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0653	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	10,824.12	1,149.54
26 28 16 16-0654	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	11,746.33	1,379.45
26 28 16 16-0655	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	12,675.04	1,609.36
26 28 16 16-0656	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	13,623.31	1,839.27
26 28 16 16-0657	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	15,333.55	2,069.17
26 28 16 16-0658	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	20,046.12	2,299.09
26 28 16 16-0659	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	26,462.40	2,758.91
26 28 16 16-0660		Manually Operated, Bolted Contact Switches *(26 28 16 16-0642)*		
26 28 16 16-0661		Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*		
26 28 16 16-0662	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,352.89	1,149.54
26 28 16 16-0663	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	8,185.23	1,379.45
26 28 16 16-0664	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	9,070.95	1,609.36
26 28 16 16-0665	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,948.89	1,839.27
26 28 16 16-0666	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,891.94	2,069.17
26 28 16 16-0667	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	14,588.54	2,299.09
26 28 16 16-0668	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	20,835.49	2,758.91
26 28 16 16-0669		Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*		
26 28 16 16-0670	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	7,771.00	1,149.54
26 28 16 16-0671	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	8,816.95	1,379.45
26 28 16 16-0672	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	9,683.14	1,609.36
26 28 16 16-0673	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	10,757.75	1,839.27
26 28 16 16-0674	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	11,907.91	2,069.17
26 28 16 16-0675	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	16,600.94	2,299.09
26 28 16 16-0676	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	22,945.58	2,758.91

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001		Manual Motor Starters *(26 29 13 13)*		
26 29 13 13-0002		Fractional HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	234.97	57.63
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
		For Oversized Enclosure, Add	*33.41*	
		For Pilot Light, Add	*49.00*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	307.97	74.91
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
		For Oversized Enclosure, Add	*33.41*	
		For Pilot Light, Add	*49.00*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	268.37	57.63
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
		For Oversized Enclosure, Add	*33.41*	
		For Pilot Light, Add	*49.00*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	341.38	74.91
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
		For Oversized Enclosure, Add	*33.41*	
		For Pilot Light, Add	*49.00*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	249.44	57.63
		For Oversized Enclosure, Add	*33.41*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	326.90	74.91
		For Oversized Enclosure, Add	*33.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	518.59	69.15
		For Pilot Light, Add	*128.06*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	594.94	86.43
		For Pilot Light, Add	*128.06*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	551.99	69.15
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	625.00	86.43
26 29 13 13-0013		**Non-Reversing Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0014	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	186.17	57.63
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0015	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	309.93	74.91
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0016	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	210.59	63.38
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0017	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	335.42	80.68
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0018	EA	NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	217.33	57.63
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0019	EA	NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	342.16	74.91
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0020	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	475.69	69.15
		For Pilot Light, Add	*122.49*	
26 29 13 13-0021	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	587.63	86.43
		For Pilot Light, Add	*122.49*	
26 29 13 13-0022	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	501.19	74.91
		For Pilot Light, Add	*122.49*	
26 29 13 13-0023	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	609.89	92.20
		For Pilot Light, Add	*122.49*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	505.77	69.15
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	626.31	86.43
26 29 13 13-0026	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	136.55	40.33
		For Pilot Light, Add	*77.36*	
26 29 13 13-0027	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	260.30	57.63
		For Pilot Light, Add	*77.36*	
26 29 13 13-0028	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	160.97	46.10
		For Pilot Light, Add	*77.36*	
26 29 13 13-0029	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	284.73	63.38
		For Pilot Light, Add	*77.36*	
26 29 13 13-0030		**Reversing Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	515.83	103.73
		For Pilot Light, Add	*124.64*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	750.46	138.30
		For Pilot Light, Add	*124.64*	
26 29 13 13-0033		**Two Speed Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	515.83	103.73
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	750.46	138.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0036		**Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	480.18	69.15
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	480.18	69.15
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	1,011.01	80.68
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	1,011.01	80.68
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,327.26	80.68
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	613.47	80.68
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	412.20	51.86
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	571.89	74.91
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	571.89	74.91
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,212.96	86.43
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,212.96	86.43
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,553.70	86.43
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	705.18	86.43
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	503.90	57.63
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	756.01	80.68
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	756.01	80.68
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,444.96	92.20
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,444.96	92.20
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,771.23	92.20
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	892.64	92.20
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	691.37	63.38
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	594.39	86.43
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	594.39	86.43
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,125.22	97.96
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,125.22	97.96
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,450.38	97.96
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	728.79	97.96
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	529.74	69.15
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	686.08	92.20
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	686.08	92.20
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,327.16	103.73
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,327.16	103.73
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,675.70	103.73
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	819.38	103.73
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	618.11	74.91
26 29 13 13-0072		**Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,409.62	121.01
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,409.62	121.01
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,245.82	86.43
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,669.86	132.54
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,506.05	97.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0078		**Two Speed Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,409.62	121.01
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,245.82	86.43
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,669.86	132.54
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,506.05	97.96
26 29 13 13-0083		**Magnetic Motor Starters** *(26 29 13 13)*		
26 29 13 13-0084		**Non-Reversing, Magnetic Contactors** *(26 29 13 13-0083)*		
26 29 13 13-0085		**Open Enclosure, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11)	550.09	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12)	619.92	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5)	596.86	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1)	667.80	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2)	737.62	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3)	932.60	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4)	1,176.58	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5)	697.87	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1)	767.69	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2)	839.73	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3)	1,070.40	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4)	1,313.26	236.26
		For Factory Installed Accessory, Deduct	*-472.53*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1)	1,197.52	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2)	1,327.91	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3)	1,729.35	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1)	1,804.51	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2)	2,047.82	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3)	2,606.26	288.13
		For Factory Installed Accessory, Deduct	*-576.25*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4)	3,737.06	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1)	4,097.30	288.13
		For Factory Installed Accessory, Deduct	*-576.25*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2)	4,498.73	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3)	6,103.93	403.38
		For Factory Installed Accessory, Deduct	*-806.76*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1)	8,321.56	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2)	9,219.09	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2)	24,031.55	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2)	34,398.71	1,037.26
		For Factory Installed Accessory, Deduct	*-2,074.52*	
26 29 13 13-0112		**NEMA 1, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11)	584.61	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12)	654.44	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5)	631.38	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1)	703.44	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2)	773.25	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3)	970.46	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4)	1,215.55	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5)	734.61	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1)	806.66	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2)	876.48	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3)	1,108.26	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4)	1,350.01	236.26
		For Factory Installed Accessory, Deduct	*-472.53*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1)	1,362.32	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2)	1,493.83	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3)	1,894.15	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1)	2,128.56	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2)	2,370.75	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3)	2,930.30	288.13
		For Factory Installed Accessory, Deduct	*-576.25*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1)	4,768.77	288.13
		For Factory Installed Accessory, Deduct	*-576.25*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2)	5,170.21	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2)	10,442.88	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2)	29,413.35	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJG2)	39,796.09	1,037.26
		For Factory Installed Accessory, Deduct	*-2,074.52*	
26 29 13 13-0136		**NEMA 12, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1)	893.85	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2)	963.67	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2)	1,066.90	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1)	1,709.75	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2)	1,842.37	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1)	2,540.57	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2)	2,781.65	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2)	6,534.31	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2)	13,933.87	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2)	33,693.84	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	

26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12)	1,328.92	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11)	1,377.91	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12)	1,447.73	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13)	1,679.51	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12)	2,636.34	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12)	3,987.63	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12)	7,930.70	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12)	13,933.87	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2)	37,341.84	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	

26 29 13 13-0157 NEMA 7/9, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2)	2,673.86	184.40
		For Factory Installed Accessory, Deduct	*-368.81*	

26 29 13 13-0159 Non-Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0160 Open Enclosure, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11)	660.33	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12)	683.39	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1)	737.96	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2)	816.68	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4)	1,315.77	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1)	841.18	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3)	990.06	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2)	1,036.83	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6)	1,298.85	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1)	1,471.56	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1)	2,285.01	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1)	4,863.98	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1)	11,113.24	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2)	25,609.46	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2)	36,884.16	1,037.26
		For Factory Installed Accessory, Deduct	*-2,074.52*	

26 29 13 13-0176 NEMA 1, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11)	697.08	115.25
		For Factory Installed Accessory, Deduct	*-230.50*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12)	720.14	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1)	774.70	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2)	853.43	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1)	876.81	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3)	956.66	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2)	1,074.69	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6)	1,464.77	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1)	1,637.48	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1)	2,609.05	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1)	5,535.45	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1)	12,340.37	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	

26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1)	965.12	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2)	1,043.85	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1)	1,067.23	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3)	1,147.07	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2)	1,265.11	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6)	1,813.31	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1)	1,984.91	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1)	3,019.95	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1)	6,898.44	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1)	15,828.02	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2)	37,826.24	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	

26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1)	965.12	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2)	1,043.85	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1)	1,067.23	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3)	1,147.07	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2)	1,265.11	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6)	1,813.31	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1)	1,984.91	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1)	3,019.95	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1)	6,898.44	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4)	2,786.00	195.93
		For Factory Installed Accessory, Deduct	*-391.86*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1)	3,434.08	195.93
		For Factory Installed Accessory, Deduct	*-391.86*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3)	3,537.31	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1)	5,502.06	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43)	6,632.86	288.13
		For Factory Installed Accessory, Deduct	*-576.25*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41)	10,581.52	403.38
		For Factory Installed Accessory, Deduct	*-806.76*	

26 29 13 13-0218 NEMA 4/4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11)	1,329.25	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12)	1,409.09	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11)	1,448.07	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13)	1,527.91	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12)	1,645.94	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16)	2,605.05	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11)	4,224.82	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11)	8,293.72	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11)	18,510.56	461.01
		For Factory Installed Accessory, Deduct	*-922.01*	

26 29 13 13-0228 NEMA 4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21)	2,779.98	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21)	5,166.88	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21)	10,195.67	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	

26 29 13 13-0232 NEMA 7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1)	2,697.25	184.40
		For Factory Installed Accessory, Deduct	*-368.81*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2)	2,786.00	195.93
		For Factory Installed Accessory, Deduct	*-391.86*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1)	2,826.08	195.93
		For Factory Installed Accessory, Deduct	*-391.86*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3)	2,910.38	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2)	3,046.23	207.45
		For Factory Installed Accessory, Deduct	*-414.91*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1)	4,495.41	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,260.66	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,330.81	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,474.12	161.35
		For Factory Installed Accessory, Deduct	*-322.71*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,528.35	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,567.33	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,677.23	184.40
		For Factory Installed Accessory, Deduct	*-368.81*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,745.21	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,785.30	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	3,076.74	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	5,036.58	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	11,649.41	518.64
		For Factory Installed Accessory, Deduct	*-1,037.26*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	21,771.04	691.50
		For Factory Installed Accessory, Deduct	*-1,383.02*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	70,740.59	1,267.77
		For Factory Installed Accessory, Deduct	*-2,535.53*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,304.42	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,360.88	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,400.96	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,540.94	161.35
		For Factory Installed Accessory, Deduct	*-322.71*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,597.39	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,637.48	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,777.45	184.40
		For Factory Installed Accessory, Deduct	*-368.81*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,845.43	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,885.52	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,337.31	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,487.57	345.76
		For Factory Installed Accessory, Deduct	*-691.50*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	12,477.89	518.64
		For Factory Installed Accessory, Deduct	*-1,037.26*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,882.46	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,922.55	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,170.59	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,813.92	230.50
		For Factory Installed Accessory, Deduct	*-461.01*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,365.74	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,793.01	184.40
		For Factory Installed Accessory, Deduct	*-368.81*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	176.11	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	301.83	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	176.11	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	301.83	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	301.83	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0281	EA	Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	148.76	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	132.26	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	176.11	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0284	EA	External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	148.76	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0285	EA	External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	198.97	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	223.68	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	387.49	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	411.62	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	492.30	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	861.83	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	861.83	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	50.43	8.64
		For Factory Installed Accessory, Deduct	*-17.28*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	104.32	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	138.02	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	107.54	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	59.58	8.64
		For Factory Installed Accessory, Deduct	*-17.28*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	35.45	8.64
		For Factory Installed Accessory, Deduct	*-17.28*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	194.48	11.53
		For Factory Installed Accessory, Deduct	*-23.05*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	337.38	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	607.33	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	606.22	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	656.00	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	647.42	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	703.88	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	683.06	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	790.07	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	882.49	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,113.83	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	623.26	126.78
		For Factory Installed Accessory, Deduct	*-253.56*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	673.03	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	670.81	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	723.92	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	713.12	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	770.69	149.83
		For Factory Installed Accessory, Deduct	*-299.66*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	750.98	138.30
		For Factory Installed Accessory, Deduct	*-276.61*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	856.88	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	945.96	172.88
		For Factory Installed Accessory, Deduct	*-345.76*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,178.41	201.69
		For Factory Installed Accessory, Deduct	*-403.38*	
26 29 13 13-0322		**Definite Purpose Starter Accessory** *(26 29 13 13-0300)*		
26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	198.97	14.41
		For Factory Installed Accessory, Deduct	*-28.81*	
26 29 13 13-0324		**Panel Mounted Miniature Contactor** *(26 29 13 13)*		
26 29 13 13-0325		**Non-Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	178.72	57.63
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	210.30	63.38
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	210.30	63.38
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	234.07	69.15
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	198.77	57.63
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	209.90	57.63
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	229.23	63.38
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	240.36	63.38
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	235.91	63.38
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	240.36	63.38
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	256.34	69.15
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	247.04	63.38
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	267.47	69.15
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	249.27	63.38
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	249.27	63.38
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	278.61	69.15
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	278.61	69.15
26 29 13 13-0343		**Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	260.01	57.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	282.28	57.63
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	312.74	63.38
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	312.74	63.38
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	335.01	63.38
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	350.99	69.15
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	350.99	69.15
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	301.21	57.63
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	323.48	57.63
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	351.72	63.38
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	373.99	63.38
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	396.64	69.15
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	418.92	69.15
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	339.47	63.38
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	391.81	63.38
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	443.41	69.15

26 29 13 13-0360 Panel Mounted Miniature Contactor Accessories *(26 29 13 13-0324)*

26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	75.11	28.81
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	83.71	28.81
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	99.28	28.81
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	130.25	28.81

26 29 13 13-0365 Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole *(26 29 13 13)*

26 29 13 13-0366 NEMA 1 Enclosure *(26 29 13 13-0365)*

26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,630.02	551.78
		For NEMA 4, Add	*812.88*	
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	13,351.99	735.70
		For NEMA 4, Add	*1,484.78*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	23,421.30	873.65
		For NEMA 4, Add	*2,709.95*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	57,235.86	1,069.08
		For NEMA 4, Add	*6,888.39*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	91,353.41	1,367.95
		For NEMA 4, Add	*11,077.05*	

26 29 13 13-0372 NEMA 12 Enclosure *(26 29 13 13-0365)*

26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,575.85	563.51
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	13,253.06	736.86
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	23,240.72	870.89
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	56,776.85	1,064.36
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	90,615.29	1,368.53

26 29 13 13-0378 Factory Modifications Pilot Devices *(26 29 13 13-0365)*

26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	191.52	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	211.22	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	359.54	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	195.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	280.89	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	140.44	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	458.40	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,842.64	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,779.73	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	629.19	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	521.35	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,435.31	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,453.89	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	9,473.85	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volt, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect (Safety) Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,816.91	264.39
		For Electronic Overloads, Add	*244.10*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,188.31	413.84
		For Electronic Overloads, Add	*257.51*	
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,103.85	482.81
		For Electronic Overloads, Add	*407.72*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,769.24	597.76
		For Electronic Overloads, Add	*678.64*	
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,805.39	954.12
		For Electronic Overloads, Add	*1,309.00*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,863.26	1,195.52
		For Electronic Overloads, Add	*2,938.99*	
26 29 13 13-0409		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,325.15	264.39
		For Electronic Overloads, Add	*340.66*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,696.55	413.84
		For Electronic Overloads, Add	*354.07*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,597.97	482.81
		For Electronic Overloads, Add	*501.60*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,037.48	597.76
		For Electronic Overloads, Add	*729.61*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,344.22	954.12
		For Electronic Overloads, Add	*1,601.38*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	21,943.30	1,195.52
		For Electronic Overloads, Add	*3,714.20*	
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	231.45	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	543.62	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	375.19	
26 29 13 13-0420		**NEMA 4 With Disconnect (Safety) Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,349.61	344.87
		For Electronic Overloads, Add	*501.60*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,668.56	482.81
		For Electronic Overloads, Add	*515.02*	
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,299.72	528.79
		For Electronic Overloads, Add	*804.71*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,491.45	643.74
		For Electronic Overloads, Add	*1,370.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,464.25	954.12
		For Electronic Overloads, Add	*2,194.18*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	29,750.43	1,195.52
		For Electronic Overloads, Add	*5,197.55*	

26 29 13 13-0427 NEMA 4 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,857.85	344.87
		For Electronic Overloads, Add	*598.17*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,176.80	482.81
		For Electronic Overloads, Add	*611.58*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,793.85	528.79
		For Electronic Overloads, Add	*898.60*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,759.69	643.74
		For Electronic Overloads, Add	*1,421.66*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	15,003.09	954.12
		For Electronic Overloads, Add	*2,486.56*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	28,155.12	1,195.52
		For Electronic Overloads, Add	*4,894.45*	

26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	231.48
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	543.62
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	375.19

26 29 13 13-0438 NEMA 12 With Disconnect (Safety) Switch *(26 29 13 13-0401)*

26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,881.14	266.12
		For Electronic Overloads, Add	*256.30*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,256.07	416.48
		For Electronic Overloads, Add	*270.38*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,211.14	479.01
		For Electronic Overloads, Add	*428.11*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,947.82	598.68
		For Electronic Overloads, Add	*712.57*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	9,149.85	958.03
		For Electronic Overloads, Add	*1,374.45*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	18,636.66	1,197.37
		For Electronic Overloads, Add	*3,085.94*	

26 29 13 13-0445 NEMA 12 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,488.02	266.12
		For Electronic Overloads, Add	*371.61*	
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,865.83	416.48
		For Electronic Overloads, Add	*386.24*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,837.79	479.01
		For Electronic Overloads, Add	*547.17*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,386.29	598.68
		For Electronic Overloads, Add	*795.88*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	11,109.83	958.03
		For Electronic Overloads, Add	*1,746.84*	
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	23,719.03	1,197.37
		For Electronic Overloads, Add	*4,051.59*	

26 29 13 13-0452 Factory Modifications For NEMA 12 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	229.55
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	539.10
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	372.06

26 29 13 13-0456 NEMA 7 Or 9 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,409.94	551.78
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,975.25	735.70
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,484.80	1,011.60
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,642.59	1,379.45
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,537.47	1,931.23

26 29 13 13-0462 Factory Modifications For NEMA 7 Or 9 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45

26 29 13 13-0466 Combination Starters Reversing *(26 29 13 13)*

26 29 13 13-0467 240-600 Volt, 3 Pole *(26 29 13 13-0466)*

26 29 13 13-0468 NEMA 1 With Disconnect (Safety) Switch *(26 29 13 13-0467)*

26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,240.56	344.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,591.44	482.81
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,794.85	528.79
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,801.84	643.74
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,392.21	954.12
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,508.72	344.87
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,877.69	482.81
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,129.95	528.79
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,340.49	643.74
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,298.61	954.12
26 29 13 13-0480		**NEMA 12 With Disconnect (Safety) Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,396.50	354.86
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,757.82	479.01
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,072.96	532.24
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	6,262.69	638.68
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	12,357.43	958.03
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,691.98	354.86
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,073.23	479.01
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,442.20	532.24
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,754.36	638.68
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	13,356.15	958.03
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,342.78	735.70
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,730.19	919.64
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	8,249.23	1,195.52
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	13,152.24	1,563.38
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	24,067.52	2,115.15
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,786.55	206.91
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	2,161.79	206.91
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	821.10	
26 29 13 13-0504		**Auxiliary Devices** *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	522.05	114.95
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	522.05	114.95
26 29 13 13-0507	EA	Pilot Light Kit	551.53	114.95
26 29 13 13-0508		**Irrigation Controller Panel** *(26 29 13 13)* Note: 230 VAC supply voltage, 30 Amp minimum service required.		
26 29 13 13-0509	EA	Irrigation Booster Pump Control Panel Adder Note: Includes: main disconnect, 30 Amp 2 pole breaker, IEC starter for 11A, 1500VA fused CPT, overtemp and pump fail relays, 22MM green light run, 22MM red light run, 22MM HOA switch, terminals and accessories and misc hardware	3,014.30	162.41

26 29 23 Variable-Frequency Motor Controllers *(26 29)*

26 29 23 00-0001		**208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,170.65	439.31
		For 6-Pulse Drive Package, Deduct	*-710.56*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,443.15	480.14
		For 6-Pulse Drive Package, Deduct	*-818.03*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,837.46	527.94
		For 6-Pulse Drive Package, Deduct	*-979.86*	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	2,988.46	507.47
		For 6-Pulse Drive Package, Deduct	*-1,085.44*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,204.22	553.28
		For 6-Pulse Drive Package, Deduct	*-1,153.71*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,462.83	553.28
		For 6-Pulse Drive Package, Deduct	*-1,295.95*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	4,137.27	660.61
		For 6-Pulse Drive Package, Deduct	*-1,548.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,510.82	660.61
		For 6-Pulse Drive Package, Deduct	*-1,754.27*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	5,954.80	994.69
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	6,989.26	994.69
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,533.27	1,321.35
		For 6-Pulse Drive Package, Deduct	*-3,239.87*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	9,826.34	1,321.35
		For 6-Pulse Drive Package, Deduct	*-3,951.06*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	10,947.01	1,321.35
		For 6-Pulse Drive Package, Deduct	*-4,567.43*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	14,432.30	1,670.36
		For 6-Pulse Drive Package, Deduct	*-6,100.44*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	17,399.96	1,975.99
		For 6-Pulse Drive Package, Deduct	*-7,396.39*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	19,698.76	1,975.99
		For 6-Pulse Drive Package, Deduct	*-8,660.73*	

26 29 23 00-0018 460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)*

Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.

26 29 23 00-0019	EA	3 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,143.98	790.42
		For 6-Pulse Drive Package, Deduct	*-1,959.73*	
26 29 23 00-0020	EA	5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,316.39	790.42
		For 6-Pulse Drive Package, Deduct	*-2,054.55*	
26 29 23 00-0021	EA	7.5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,820.18	941.79
		For 6-Pulse Drive Package, Deduct	*-2,165.19*	
26 29 23 00-0022	EA	10 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,848.91	941.79
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0023	EA	15 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	7,855.48	1,427.80
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0024	EA	20 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	8,257.77	1,427.80
		For 6-Pulse Drive Package, Deduct	*-2,971.20*	
26 29 23 00-0025	EA	25 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	9,945.09	1,883.59
		For 6-Pulse Drive Package, Deduct	*-3,397.91*	
26 29 23 00-0026	EA	30 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	11,381.85	1,883.59
		For 6-Pulse Drive Package, Deduct	*-4,188.13*	
26 29 23 00-0027	EA	40 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	12,876.07	1,883.59
		For 6-Pulse Drive Package, Deduct	*-5,009.95*	
26 29 23 00-0028	EA	50 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	16,853.81	2,392.61
		For 6-Pulse Drive Package, Deduct	*-6,637.79*	
26 29 23 00-0029	EA	60 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	22,455.92	2,837.34
		For 6-Pulse Drive Package, Deduct	*-9,229.68*	
26 29 23 00-0030	EA	75 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	23,835.20	2,837.34
		For 6-Pulse Drive Package, Deduct	*-9,988.29*	
26 29 23 00-0031	EA	100 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	27,587.13	3,161.67
		For 6-Pulse Drive Package, Deduct	*-11,695.15*	
26 29 23 00-0032	EA	125 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	29,081.35	3,161.67
		For 6-Pulse Drive Package, Deduct	*-12,516.97*	
26 29 23 00-0033	EA	150 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	32,184.73	3,161.67
		For 6-Pulse Drive Package, Deduct	*-14,223.83*	
26 29 23 00-0034	EA	200 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	37,171.10	3,815.77
		For 6-Pulse Drive Package, Deduct	*-16,246.77*	
26 29 23 00-0035	EA	250 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	46,458.63	3,986.06
		For 6-Pulse Drive Package, Deduct	*-21,167.58*	
26 29 23 00-0036	EA	300 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	54,480.08	4,573.87
		For 6-Pulse Drive Package, Deduct	*-24,932.79*	
26 29 23 00-0037	EA	350 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	62,654.43	4,960.50
		For 6-Pulse Drive Package, Deduct	*-29,003.33*	
26 29 23 00-0038	EA	400 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	72,588.18	5,356.32
		For 6-Pulse Drive Package, Deduct	*-34,031.61*	
26 29 23 00-0039	EA	450 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	78,234.77	5,808.35
		For 6-Pulse Drive Package, Deduct	*-36,639.94*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,635.15	223.61
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,758.95	248.45
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,055.07	273.30
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	31,990.13	298.14
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	33,799.08	347.85
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	36,018.23	447.23
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	39,039.42	496.92
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,649.17	566.48
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	53,814.85	611.20
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	63,246.53	695.68
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	75,468.28	745.37
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	85,203.40	795.06

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0003	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,237.09	109.20
		For >25 To 50, Deduct	*-162.32*	
		For >50 To 100, Deduct	*-218.25*	
		For >100, Deduct	*-324.64*	
26 31 00 00-0004	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,346.51	109.20
		For >25 To 50, Deduct	*-170.53*	
		For >50 To 100, Deduct	*-229.19*	
		For >100, Deduct	*-341.06*	
26 31 00 00-0005	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	2,194.16	109.20
		For >25 To 50, Deduct	*-159.10*	
		For >50 To 100, Deduct	*-213.96*	
		For >100, Deduct	*-318.20*	

26 31 00 00-0006 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0007	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,744.36	109.20
		For >25 To 50, Deduct	*-125.37*	
		For >50 To 100, Deduct	*-168.98*	
		For >100, Deduct	*-250.73*	
26 31 00 00-0008	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,988.61	109.20
		For >25 To 50, Deduct	*-143.69*	
		For >50 To 100, Deduct	*-193.40*	
		For >100, Deduct	*-287.37*	
26 31 00 00-0009	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	2,027.30	109.20
		For >25 To 50, Deduct	*-146.59*	
		For >50 To 100, Deduct	*-197.27*	
		For >100, Deduct	*-293.17*	
26 31 00 00-0010	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,906.38	109.20
		For >25 To 50, Deduct	*-137.52*	
		For >50 To 100, Deduct	*-185.18*	
		For >100, Deduct	*-275.04*	

26 31 00 00-0011 BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0001)*

Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

26 31 00 00-0012	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	844.63	109.20
		For >25 To 50, Deduct	*-57.89*	
		For >50 To 100, Deduct	*-79.00*	
		For >100, Deduct	*-115.77*	
26 31 00 00-0013	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	1,050.18	109.20
		For >25 To 50, Deduct	*-73.30*	
		For >50 To 100, Deduct	*-99.56*	
		For >100, Deduct	*-146.61*	
26 31 00 00-0014	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,132.41	109.20
		For >25 To 50, Deduct	*-79.47*	
		For >50 To 100, Deduct	*-107.78*	
		For >100, Deduct	*-158.94*	

26 31 00 00-0015 Photovoltaic Inverters *(26 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0016		**Fronius Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0017	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	5,371.43	114.95
26 31 00 00-0018	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	7,095.56	114.95
26 31 00 00-0019	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	7,491.67	114.95
26 31 00 00-0020	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	8,380.40	114.95
26 31 00 00-0021	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	13,289.24	114.95
26 31 00 00-0022	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	15,453.10	114.95
26 31 00 00-0023	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	12,546.10	229.90
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	15,895.71	229.90
26 31 00 00-0025	EA	Inverter Display Stand (Fronius 4,045,894)	457.62	57.48
26 31 00 00-0026		**SMA Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0027	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	3,980.63	114.95
26 31 00 00-0028	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,784.57	114.95
26 31 00 00-0029	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,533.80	114.95
26 31 00 00-0030	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	6,105.77	114.95
26 31 00 00-0031	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	5,913.10	114.95
26 31 00 00-0032		**PVPowered Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0033	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	4,933.81	114.95
26 31 00 00-0034	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	5,161.56	114.95
26 31 00 00-0035	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,706.24	114.95
26 31 00 00-0036	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,763.90	143.69
26 31 00 00-0037	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	8,247.41	172.43
26 31 00 00-0038	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	8,316.75	172.43
26 31 00 00-0039	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	8,778.21	172.43
26 31 00 00-0040	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	104,973.93	919.64
26 31 00 00-0041	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	105,113.21	919.64
26 31 00 00-0042	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	113,763.30	919.64
26 31 00 00-0043	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	105,445.59	919.64
26 31 00 00-0044		**Solectria Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0045	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	16,484.56	229.90
26 31 00 00-0046	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	16,484.56	229.90
26 31 00 00-0047	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	16,968.52	229.90
26 31 00 00-0048	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	16,968.52	229.90
26 31 00 00-0049	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	51,658.40	689.72
26 31 00 00-0050	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	49,238.56	689.72
26 31 00 00-0051	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	56,498.09	689.72
26 31 00 00-0052	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	55,153.73	689.72
26 31 00 00-0053	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	59,993.42	689.72
26 31 00 00-0054	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	57,304.70	689.72
26 31 00 00-0055	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	63,141.95	919.64
26 31 00 00-0056	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	60,184.36	919.64
26 31 00 00-0057	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	65,561.79	919.64
26 31 00 00-0058	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	62,066.46	919.64
26 31 00 00-0059		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0060	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	684.42	28.74
26 31 00 00-0061	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	746.70	28.74
26 31 00 00-0062	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,204.33	28.74
26 31 00 00-0063		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0064	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	395.75	43.11
26 31 00 00-0065	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	260.33	43.11
26 31 00 00-0066	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	743.99	43.11
26 31 00 00-0067		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0068		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0069	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	458.25	114.95
26 31 00 00-0070	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	445.71	114.95
26 31 00 00-0071	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	711.84	172.43
26 31 00 00-0072	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	716.23	172.43
26 31 00 00-0073	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,123.04	172.43
26 31 00 00-0074		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0075	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	1,050.17	114.95
26 31 00 00-0076	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,263.89	114.95
26 31 00 00-0077	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,446.12	229.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0078	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,700.12	229.90
26 31 00 00-0079	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	934.51	114.95
26 31 00 00-0080		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0081	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	313.53	43.11
26 31 00 00-0082	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	422.35	43.11
26 31 00 00-0083	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	494.90	43.11
26 31 00 00-0084	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	376.41	43.11
26 31 00 00-0085	EA	MPPT Charge Controller (Xantrex XW SCC)	1,328.82	57.48
26 31 00 00-0086		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0087		**Concorde Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0088	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	295.42	17.24
26 31 00 00-0089	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	372.14	22.99
26 31 00 00-0090	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	403.77	22.99
26 31 00 00-0091	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	460.36	34.49
26 31 00 00-0092	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	525.59	34.49
26 31 00 00-0093	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	624.07	40.23
26 31 00 00-0094	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	715.76	45.98
26 31 00 00-0095	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	707.32	45.98
26 31 00 00-0096	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,305.12	54.60
26 31 00 00-0097	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,510.91	57.48
26 31 00 00-0098		**Deka Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0099	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	306.71	28.81
26 31 00 00-0100	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	425.21	28.81
26 31 00 00-0101	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	630.77	28.81
26 31 00 00-0102	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	722.66	28.81
26 31 00 00-0103	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	725.08	28.81
26 31 00 00-0104	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,411.88	28.81
26 31 00 00-0105	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,634.36	28.81
26 31 00 00-0106		**Battery Enclosures** *(26 31 00 00-0086)*		
26 31 00 00-0107	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	347.68	28.74
26 31 00 00-0108	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,733.51	28.81
26 31 00 00-0109	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,629.53	28.81
26 31 00 00-0110	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,173.64	28.81
26 31 00 00-0111	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	964.49	28.81
26 31 00 00-0112	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,277.63	28.81
26 31 00 00-0113		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0114	EA	Solar Inverter Monitor (Xantrex 864-0203)	734.52	57.48
26 31 00 00-0115	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,542.92	28.74
26 31 00 00-0116	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,287.86	28.74
26 31 00 00-0117	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	231.16	28.74
26 31 00 00-0118	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	575.11	57.48
26 31 00 00-0119	EA	Sunny Boy Control with RS485 (SMA)	1,517.53	28.74
26 31 00 00-0120	EA	RS 485 Module (SMA)	338.95	28.74
26 31 00 00-0121	EA	RS 232 Module (SMA)	347.68	28.74
26 31 00 00-0122	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	651.11	
26 31 00 00-0123	EA	Bluetooth Piggy-Back Computer Card (SMA)	352.38	28.74
26 31 00 00-0124	EA	RS485-N Communication Computer Card (SMA)	349.95	28.74
26 31 00 00-0125	EA	Bluetooth Repeater (SMA)	668.01	28.74
26 31 00 00-0126	EA	Sunny Boy PC Service Cable (SMA)	318.77	8.62
26 31 00 00-0127	EA	Integrated Revenue Grade Meter, Option (PVPowered)	6,202.94	
26 31 00 00-0128	EA	Data Monitoring Module (PVPowered PVM1010)	666.59	28.74
26 31 00 00-0129	EA	Wireless IG Personal Display (Fronius 4,240,108)	661.72	
26 31 00 00-0130	EA	DatCom Power Supply (Fronius 43,0001,2311)	217.10	
26 31 00 00-0131	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	393.57	28.74
26 31 00 00-0132	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	331.66	28.74
26 31 00 00-0133	EA	Datalogger Pro Box (Fronius 4,240,102)	1,327.77	28.74
26 31 00 00-0134	EA	Datalogger Easy Box (Fronius 4,240,103)	860.68	28.74
26 31 00 00-0135	EA	Datalogger Interface Box (Fronius 4,240,105)	1,500.14	28.74
26 31 00 00-0136	EA	Datalogger Web (Fronius 4,240,122)	2,584.00	28.74
26 31 00 00-0137	EA	Interface Box (Fronius 4,240,109)	687.94	28.74
26 31 00 00-0138	EA	Interface Card (Fronius 4,240,009,Z)	488.38	28.74
26 31 00 00-0139	EA	Interface Card Easy (Fronius 4,240,013,Z)	319.10	28.74
26 31 00 00-0140	EA	Sensor Box (Fronius 4,240,104)	1,387.11	28.74
26 31 00 00-0141	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	146.12	28.74
26 31 00 00-0142	EA	Irradiance Sensor (Fronius 43,0001,1188)	476.10	28.74
26 31 00 00-0143	EA	Module Temperature Sensor (Fronius 43,0001,1190)	531.22	28.74
26 31 00 00-0144	EA	Wind Speed Sensor (Fronius 42,0411,0027)	268.34	57.48
26 31 00 00-0145		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0146	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	1,012.70	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0147	EA	Line Communication Filter (Enphase LCF)	2,210.49	114.95
26 31 00 00-0148	EA	15 Meter RS 485 Communication Cable (SMA)	169.59	8.62
26 31 00 00-0149	EA	15 Meter RS 232 Communication Cable (SMA)	256.65	8.62
26 31 00 00-0150	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	38.33	2.85
26 31 00 00-0151	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	41.25	2.85
26 31 00 00-0152	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	42.90	2.85
26 31 00 00-0153	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	47.47	2.85
26 31 00 00-0154	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	54.33	2.85
26 31 00 00-0155	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	85.80	5.69
26 31 00 00-0156	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	107.08	5.69
26 31 00 00-0157	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	140.12	8.54
26 31 00 00-0158	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	48.61	2.85
26 31 00 00-0159	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	68.04	2.85
26 31 00 00-0160	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	99.51	5.69
26 31 00 00-0161	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	133.79	5.69
26 31 00 00-0162	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	216.17	11.38
26 31 00 00-0163	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	225.85	11.38
26 31 00 00-0164	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	4,023.87	310.38

26 31 00 00-0165 Photovoltaic Mounting Systems *(26 31)*

26 31 00 00-0166	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	13.26	2.87
26 31 00 00-0167	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	36.32	14.37
26 31 00 00-0168	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	47.09	14.37
26 31 00 00-0169	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	25.38	5.75
26 31 00 00-0170	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	11.63	4.32
26 31 00 00-0171	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	25.88	5.75
26 31 00 00-0172	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	6.83	1.92
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	7.18	1.92
26 31 00 00-0174	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	17.53	5.75
26 31 00 00-0175	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	105.89	28.74
26 31 00 00-0176	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	118.08	28.74
26 31 00 00-0177	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	127.90	28.74
26 31 00 00-0178	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	155.28	43.11
26 31 00 00-0179	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	191.84	43.11
26 31 00 00-0180	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	225.02	43.11
26 31 00 00-0181	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	244.96	57.48
26 31 00 00-0182	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	332.31	57.48
26 31 00 00-0183	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	465.62	86.21
26 31 00 00-0184	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	227.05	
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	425.37	
26 31 00 00-0186	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	81.55	28.74
26 31 00 00-0187	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	82.67	28.74
26 31 00 00-0188	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	83.69	28.74
26 31 00 00-0189	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	86.26	28.74
26 31 00 00-0190	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	74.75	28.74
26 31 00 00-0191	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	76.04	28.74
26 31 00 00-0192	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	79.83	28.74
26 31 00 00-0193	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	78.75	28.74
26 31 00 00-0194	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	160.02	43.11
26 31 00 00-0195	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	160.80	43.11
26 31 00 00-0196	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	163.10	43.11
26 31 00 00-0197	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	160.69	43.11
26 31 00 00-0198	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	32.77	5.75
26 31 00 00-0199	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	21.01	5.75
26 31 00 00-0200	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	40.53	8.62
26 31 00 00-0201	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	42.29	8.62

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0202		EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	11.95	1.92
26 31 00 00-0203		EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	55.40	5.75
26 31 00 00-0204		EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.66	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0830 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 23 13 23 13-0001 for fuel day tank.

26 32 13 13-0002		EA	20 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	34,125.64	1,016.12
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
			For Single Phase, Add	*1,292.65*	
26 32 13 13-0003		EA	25 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	35,891.80	1,073.28
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0004		EA	30 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	37,674.67	1,133.61
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
			For Single Phase, Add	*1,425.41*	
26 32 13 13-0005		EA	35 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	38,423.79	1,251.10
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0006		EA	40 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	39,185.73	1,371.76
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0007		EA	50 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	46,016.66	1,574.99
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0008		EA	60 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	49,591.15	1,809.97
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0009		EA	80 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	58,286.77	2,121.15
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0010		EA	100 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	62,654.94	2,464.10
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
			For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
			For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0011	EA	125 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	64,036.15	2,921.35
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0012	EA	150 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	70,796.40	3,219.84
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0013	EA	175 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	74,399.57	3,594.53
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0014	EA	200 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	79,098.09	3,937.47
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0015	EA	230 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	85,335.97	4,159.76
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0016	EA	250 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	88,969.81	4,331.22
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0017	EA	275 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	96,873.90	4,566.20
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0018	EA	300 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	98,956.96	4,769.42
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0019	EA	350 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	111,655.45	5,334.65
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0020	EA	400 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	120,243.57	5,842.71
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0021	EA	450 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	135,888.13	6,293.61
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0022	EA	500 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	142,957.56	6,706.41
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0023	EA	600 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	208,305.94	7,385.94
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
26 32 13 13-0024	EA	750 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	238,627.15	8,122.63
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
26 32 13 13-0025	EA	800 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	249,222.66	8,300.46
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
26 32 13 13-0026	EA	900 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	304,238.62	8,948.24
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
26 32 13 13-0027	EA	1,000 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	339,813.92	9,526.15
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	

26 32 13 13-0028 Diesel Generator Sets (Generac SD) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with 24 hour run time fuel tank, radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 01 22 23 00-0830 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0029	EA	10 KW, Industrial, Diesel Generator Set (Generac SD)	22,276.17	635.08
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0030	EA	15 KW, Industrial, Diesel Generator Set (Generac SD)	22,694.19	762.10
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0031	EA	20 KW, Industrial, Diesel Generator Set (Generac SD)	23,498.45	851.00
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0032	EA	25 KW, Industrial, Diesel Generator Set (Generac SD)	25,221.72	1,016.12
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0033	EA	30 KW, Industrial, Diesel Generator Set (Generac SD)	25,776.11	1,133.61
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0034	EA	35 KW, Industrial, Diesel Generator Set (Generac SD)	28,576.89	1,251.10
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0035	EA	40 KW, Industrial, Diesel Generator Set (Generac SD)	29,048.01	1,371.76
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0036	EA	50 KW, Industrial, Diesel Generator Set (Generac SD)	30,051.32	1,574.99
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0037	EA	60 KW, Industrial, Diesel Generator Set (Generac SD)	32,801.99	1,809.97
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*7,657.36*	
26 32 13 13-0038	EA	80 KW, Industrial, Diesel Generator Set (Generac SD)	39,513.27	2,121.15
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*8,257.09*	
26 32 13 13-0039	EA	100 KW, Industrial, Diesel Generator Set (Generac SD)	41,217.50	2,438.69
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,099.84*	
26 32 13 13-0040	EA	135 KW, Industrial, Diesel Generator Set (Generac SD)	51,166.66	2,984.86
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0041	EA	150 KW, Industrial, Diesel Generator Set (Generac SD)	53,905.89	3,219.84
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0042	EA	180 KW, Industrial, Diesel Generator Set (Generac SD)	61,263.71	3,651.70
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0043	EA	200 KW, Industrial, Diesel Generator Set (Generac SD)	61,243.82	3,937.47
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*11,879.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0044	EA	230 KW, Industrial, Diesel Generator Set (Generac SD)	74,036.82	4,159.76
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0045	EA	250 KW, Industrial, Diesel Generator Set (Generac SD)	78,761.93	4,331.22
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0046	EA	275 KW, Industrial, Diesel Generator Set (Generac SD)	80,873.46	4,566.20
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0047	EA	300 KW, Industrial, Desel Generator Set (Generac SD)	88,653.13	4,769.42
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0048	EA	350 KW, Industrial, Diesel Generator Set (Generac SD)	96,227.14	5,334.65
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0049	EA	400 KW, Industrial, Diesel Generator Set (Generac SD)	103,383.25	5,715.69
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0050	EA	500 KW, Industrial, Diesel Generator Set (Generac SD)	114,966.50	6,706.41
		For Steel Weather Protective Housing, Add	*18,116.02*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*25,816.29*	
26 32 13 13-0051	EA	600 KW, Industrial, Diesel Generator Set (Generac SD)	154,958.46	7,385.94
		For Steel Weather Protective Housing, Add	*23,588.97*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*36,257.79*	

26 32 13 13-0052 Diesel Generator Sets (Kohler) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277, 416/240 or 380/220 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 01 22 23 00-0830 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0053	EA	80 KW Diesel Generator Set, 3 Phase (Kohler 80REOZJ)	34,633.24	2,121.15
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
26 32 13 13-0054	EA	100 KW Diesel Generator Set, 3 Phase (Kohler 100REOZJ)	36,384.38	2,464.10
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0055	EA	125 KW Diesel Generator Set, 3 Phase (Kohler 125REOZJ)	46,120.93	2,921.35
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0056	EA	150 KW Diesel Generator Set, 3 Phase (Kohler 150REOZJ)	47,540.40	3,219.84
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0057	EA	200 KW Diesel Generator Set, 3 Phase (Kohler 200REOZJ)	56,845.04	3,937.47
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
26 32 13 13-0058	EA	250 KW Diesel Generator Set, 3 Phase (Kohler 250REOZJ)	71,090.51	4,331.22
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0059	EA	300 KW Diesel Generator Set, 3 Phase (Kohler 300REOZJ)	77,953.18	4,769.42
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0060	EA	350 KW Diesel Generator Set, 3 Phase (Kohler 350REOZJ)	86,493.45	5,334.65
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0061	EA	400 KW Diesel Generator Set, 3 Phase (Kohler 400REOZJ)	92,014.40	5,842.71
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0062	EA	500 KW Diesel Generator Set, 3 Phase (Kohler 500REOZJ)	109,333.64	6,706.41
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
26 32 13 13-0063	EA	600 KW Diesel Generator Set, 3 Phase (Kohler 600REOZJ)	136,059.54	7,385.94
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
26 32 13 13-0064	EA	1,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	473,807.59	9,843.69
26 32 13 13-0065	EA	1,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	484,245.72	10,161.23
26 32 13 13-0066	EA	1,750 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	566,757.81	10,478.77
26 32 13 13-0067	EA	2,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	668,486.28	10,796.31
26 32 13 13-0068	EA	2,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	761,423.69	11,113.85
26 32 13 13-0069	EA	2,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	960,008.35	11,431.39
26 32 13 13-0070	EA	2,800 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	1,158,593.04	11,748.93
26 32 13 13-0071	EA	3,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,325,693.94	12,384.00
26 32 13 13-0072	EA	3,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,415,214.91	13,019.08
26 32 13 13-0073	EA	4,000 KW Diesel Generator Set, 3 Phase (Caterpillar C175)	2,066,175.10	14,924.30

26 32 13 13-0074 Diesel Generator Sets (Taylor) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0075	EA	9 KW Diesel Generator Set, 3 Phase (Taylor TD9)	24,855.57	761.33
26 32 13 13-0076	EA	13 KW Diesel Generator Set, 3 Phase (Taylor TD13)	25,552.29	858.75
26 32 13 13-0077	EA	20 KW Diesel Generator Set, 3 Phase (Taylor TD20)	26,741.58	958.33
26 32 13 13-0078	EA	28 KW Diesel Generator Set, 3 Phase (Taylor TD28)	29,719.27	1,074.94
26 32 13 13-0079	EA	30 KW Diesel Generator Set, 3 Phase (Taylor TD30)	31,097.95	1,133.61
26 32 13 13-0080	EA	55 KW Diesel Generator Set, 3 Phase (Taylor TD55)	34,682.50	1,692.48
26 32 13 13-0081	EA	60 KW Diesel Generator Set, 3 Phase (Taylor TD60)	37,653.38	1,809.97
26 32 13 13-0082	EA	80 KW Diesel Generator Set, 3 Phase (Taylor TD80)	40,383.57	2,121.15
26 32 13 13-0083	EA	100 KW Diesel Generator Set, 3 Phase (Taylor TD100)	41,910.85	2,464.10
26 32 13 13-0084	EA	125 KW Diesel Generator Set, 3 Phase (Taylor TD125)	56,011.84	2,921.35
26 32 13 13-0085	EA	140 KW Diesel Generator Set, 3 Phase (Taylor TD140)	56,910.97	3,070.60
26 32 13 13-0086	EA	150 KW Diesel Generator Set, 3 Phase (Taylor TD150)	57,869.45	3,219.84
26 32 13 13-0087	EA	175 KW Diesel Generator Set, 3 Phase (Taylor TD175)	61,699.24	3,594.53
26 32 13 13-0088	EA	200 KW Diesel Generator Set, 3 Phase (Taylor TD200)	64,546.86	3,937.47
26 32 13 13-0089	EA	250 KW Diesel Generator Set, 3 Phase (Taylor TD250)	78,521.54	4,331.22
26 32 13 13-0090	EA	300 KW Diesel Generator Set, 3 Phase (Taylor TD300)	89,008.99	4,769.42
26 32 13 13-0091	EA	350 KW Diesel Generator Set, 3 Phase (Taylor TD350)	97,261.18	5,334.65
26 32 13 13-0092	EA	400 KW Diesel Generator Set, 3 Phase (Taylor TD400)	99,793.58	5,842.71
26 32 13 13-0093	EA	450 KW Diesel Generator Set, 3 Phase (Taylor TD450)	107,793.62	6,293.61
26 32 13 13-0094	EA	500 KW Diesel Generator Set, 3 Phase (Taylor TD500)	113,381.29	6,706.41
26 32 13 13-0095	EA	550 KW Diesel Generator Set, 3 Phase (Taylor TD550)	116,635.82	7,046.18
26 32 13 13-0096	EA	600 KW Diesel Generator Set, 3 Phase (Taylor TD600)	143,953.55	7,385.94

26 32 13 13-0097 Diesel Particulate Filters *(26 32 13 13)*

26 32 13 13-0098	EA	Up To 50 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	37,072.15
26 32 13 13-0099	EA	>50 To 75 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	48,476.02
26 32 13 13-0100	EA	>75 To 100 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	58,739.84
26 32 13 13-0101	EA	>100 To 200 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	72,062.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0102	EA	>200 To 500 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	84,708.13	
26 32 13 13-0103	EA	>500 To 1,000 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	105,826.01	
26 32 13 13-0104		Fuel Level Alarm And Float Switch *(26 32 13 13)*		
26 32 13 13-0105	EA	Liquid Level Tank Alarm and 3 Level Float Switch (Cummins)	6,207.04	
26 32 13 19		**Natural Gas-Engine-Driven Generator Sets** *(26 32 13)*		
26 32 13 19-0001		Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)* Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental.		
26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	15,190.78	851.00
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	17,167.30	1,016.12
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	19,837.12	1,130.43
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	22,521.41	1,251.10
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	25,292.07	1,371.76
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	27,420.42	1,479.73
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	29,993.33	1,809.97
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	32,184.25	2,025.90
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	42,320.15	2,165.61
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	51,030.67	2,438.69
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	58,424.09	2,921.35
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	69,485.62	3,219.84
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	112,614.53	8,564.52
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	127,880.09	3,867.62
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	137,508.67	4,331.22
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	177,945.26	4,769.42
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	190,993.72	5,334.65
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	268,488.15	6,293.61
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	343,468.07	6,706.41
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	384,392.26	7,068.40
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	437,921.73	7,385.94
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	457,906.54	7,665.38
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	484,338.01	8,192.50
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	

26 32 13 19-0025 Natural Gas Or Propane Generator Sets (Generac QTA) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 01 22 23 00-0830 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0026	EA	25 KW, Commercial, Natural Gas Generator Set (Generac QTA)	17,407.35	1,016.12
		For Steel Weather Protective Housing, Add	*1,188.67*	
		For Aluminum Weather Protective Housing, Add	*1,845.93*	
26 32 13 19-0027	EA	55 KW, Commercial, Natural Gas Generator Set (Generac QTA)	25,848.51	1,695.65
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,169.16*	
26 32 13 19-0028	EA	70 KW, Commercial, Natural Gas Generator Set (Generac QTA)	29,015.04	2,025.90
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,167.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0029	EA	80 KW, Commercial, Natural Gas Generator Set (Generac QTA)	30,548.70	2,121.15
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,538.15*	
26 32 13 19-0030	EA	100 KW, Commercial, Natural Gas Generator Set (Generac QTA)	37,333.04	2,438.69
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,336.01*	
26 32 13 19-0031	EA	130 KW, Commercial, Natural Gas Generator Set (Generac QTA)	43,149.03	2,908.65
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,923.16*	
26 32 13 19-0032	EA	150 KW, Commercial, Natural Gas Generator Set (Generac QTA)	48,720.89	3,219.84
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,872.62*	

26 32 13 19-0033 Natural Gas Or Propane Generator Sets (Generac SG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 01 22 23 00-0830 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0034	EA	35 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	20,500.96	1,251.10
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0035	EA	40 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	23,020.14	1,371.76
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0036	EA	45 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	23,964.51	1,479.73
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0037	EA	70 KW, Industrial, Natural Gas Generator Set (Generac SG)	31,894.21	2,025.90
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0038	EA	100 KW, Industrial, Natural Gas Generator Set (Generac SG)	38,052.60	2,438.69
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0039	EA	130 KW, Industrial, Natural Gas Generator Set (Generac SG)	45,966.24	2,908.65
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0040	EA	150 KW, Industrial, Natural Gas Generator Set (Generac SG)	76,511.51	3,219.84
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0041	EA	175 KW, Industrial, Natural Gas Generator Set (Generac SG)	85,058.42	3,594.53
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0042	EA	200 KW, Industrial, Natural Gas Generator Set (Generac SG)	90,065.46	3,937.47
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0043	EA	250 KW, Industrial, Natural Gas Generator Set (Generac SG)	129,767.12	4,331.22
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0044	EA	275 KW, Industrial, Natural Gas Generator Set (Generac SG)	132,348.08	4,566.20
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0045	EA	300 KW, Industrial, Natural Gas Generator Set (Generac SG)	134,986.61	4,769.42
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	

26 32 13 19-0046 Natural Gas Or Propane Generator Sets (Taylor) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0047	EA	30 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG30)	27,069.51	1,133.61
26 32 13 19-0048	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG40)	29,513.07	1,359.07
26 32 13 19-0049	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG60)	30,760.40	1,809.97
26 32 13 19-0050	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG80)	45,039.05	2,121.15
26 32 13 19-0051	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG100)	48,806.43	2,464.10
26 32 13 19-0052	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG125)	64,220.33	2,921.35
26 32 13 19-0053	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG150)	67,281.27	3,219.84
26 32 13 19-0054	EA	200 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG200)	112,574.05	3,937.47
26 32 13 19-0055	EA	250 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG250)	158,322.17	4,331.22
26 32 13 19-0056	EA	350 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG350)	193,210.15	5,334.65
26 32 13 19-0057	EA	400 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG400)	230,745.55	5,842.71

26 32 13 19-0058 Natural Gas Or Propane Generator Sets (Kohler KG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0809 for loadbank rental, 01 22 23 00-0830 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0059	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG40)	23,285.50	1,371.76
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0060	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG45)	24,598.25	1,479.73
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0061	EA	50 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG50)	26,509.27	1,587.69
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0062	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG60)	27,851.24	1,809.97
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0063	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG80)	33,518.22	2,165.61
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0064	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG100)	37,803.56	2,438.69
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0065	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG125)	42,869.86	2,921.35
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0066	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG150)	51,481.67	3,219.84
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
26 32 13 19-0067	EA	180 KW Natural Gas Generator Set, 3 Phase (Kohler KG180)	75,503.80	8,564.52
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
26 32 13 19-0068	EA	200 KW Natural Gas Generator Set, 3 Phase (Kohler KG200)	86,013.18	3,867.62
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	

26 32 13 19-0069 Small Natural Gas Or Propane Air-Cooled Generator Sets *(26 32 13 19)*

26 32 13 19-0070	EA	7.5 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	5,116.85	532.32
26 32 13 19-0071	EA	10 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,470.71	591.46
26 32 13 19-0072	EA	14 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	7,470.30	650.61

26 32 29 Rotary Converters *(26 32)*

26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*

26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,080.90	229.90
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,293.99	229.90
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,308.14	229.90
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,436.96	229.90
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,236.44	287.38
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,757.04	287.38
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,692.12	287.38
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,187.71	379.35
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	28,006.76	379.35

26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*

26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,683.06	229.90

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,944.70	229.90
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,959.54	229.90
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,404.27	229.90
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,572.90	287.38
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,434.32	287.38
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	21,111.60	287.38
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,087.21	379.35
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	26,620.92	379.35
26 32 29 00-0021		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	28,403.03	4,445.54
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	31,390.31	4,445.54
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	35,646.67	6,350.77
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	41,722.43	6,350.77
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	47,458.98	6,350.77
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	55,552.58	9,526.15
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	67,135.05	9,526.15
26 32 29 00-0029		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	99,176.55	12,701.54
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	108,023.07	12,701.54
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	130,016.80	16,512.00
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	147,717.28	20,068.43
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	175,217.01	20,068.43
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	248,790.36	29,975.64
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	256,987.10	29,975.64
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	296,213.11	34,929.23

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,234.74	28.81
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,334.49	28.81
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	364.76	28.81
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	330.98	28.81
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	571.84	28.81
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	665.17	28.81

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Solid State Chargers, Single Phase *(26 33 43)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,384.96	656.49
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,966.09	656.49
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,368.55	656.49
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,614.86	777.28

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,081.46	113.81
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,291.58	132.77
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,591.18	151.74
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,942.77	170.71
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,490.95	189.67
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,006.50	227.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0010		**208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	3,933.02	227.61
26 33 53 00-0012		**120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,063.85	303.48
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,631.93	341.41
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	9,910.30	417.28
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,390.33	455.22
26 33 53 00-0017		**230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,291.58	132.77
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,591.18	151.74
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	1,964.48	170.71
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,496.18	189.67
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,022.81	227.61
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	5,818.47	303.48
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	7,142.10	341.41
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	11,039.55	455.22
26 33 53 00-0026		**Optional Accessories For Single Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	713.72	34.49
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	934.45	34.49
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	909.88	34.49
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	618.64	34.49
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	920.01	113.81
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	1,034.96	151.74
26 33 53 00-0033		**Three Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53)*		
26 33 53 00-0034		**208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery** *(26 33 53 00-0033)* Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	42,963.68	455.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	47,541.75	606.96
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	53,124.26	758.70
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	57,601.88	910.43
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	69,311.52	1,062.17
26 33 53 00-0040		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	93,966.31	1,810.53
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	102,090.37	2,241.61
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	112,882.63	2,615.21
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	139,472.67	2,960.07
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	144,740.45	3,304.93
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	150,480.32	3,649.80
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	157,425.53	3,994.66
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	164,370.75	4,339.52
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	87,737.88	1,494.40
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	113,485.30	2,626.70
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	155,243.37	3,034.79
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	182,938.29	3,333.67
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	214,048.34	3,678.53
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	637.72	57.48
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	1,024.98	57.48
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	1,972.55	114.95
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	6,147.30	459.82
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	652.79	57.48
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	354.77	57.48
26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	398.26	57.48
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	441.75	57.48
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	520.02	57.48
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	546.12	57.48
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	680.93	57.48
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	713.55	57.48
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	6,401.98	105.04
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	7,679.64	210.07
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	31.82	6.31
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel	58.45	7.88
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel	111.83	7.88
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	164.05	10.50
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel	234.51	10.50
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	4,373.59	105.04
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	1,438.62	78.78

26 35 Power Filters and Conditioners *(26 30)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001 Power Factor Correction Capacitors *(26 35 33 16)*

26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	1,058.07	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	1,171.84	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	1,285.61	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	1,394.83	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,713.39	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	2,093.39	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	3,233.38	
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	3,927.38	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	5,074.19	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	5,770.47	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	10,125.63	
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	15,224.85	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	20,301.32	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	942.02	

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*

26 35 43 00-0002	EA	750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure	717.32	114.95
26 35 43 00-0003	EA	2 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,258.32	137.94
26 35 43 00-0004	EA	3 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,441.42	183.92
26 35 43 00-0005	EA	5 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,982.13	229.90
26 35 43 00-0006	EA	7 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,734.11	298.88
26 35 43 00-0007	EA	11 KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,537.26	367.86
26 35 43 00-0008	EA	15 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,442.76	436.83
26 35 43 00-0009	EA	21 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,427.61	494.31
26 35 43 00-0010	EA	29 KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,299.73	597.76
26 35 43 00-0011	EA	36 KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,216.72	672.48
26 35 43 00-0012	EA	44 KW Output Rotary Phase Converter With NEMA 1 Enclosure	8,133.71	747.20
26 35 43 00-0013	EA	55 KW Output Rotary Phase Converter With NEMA 1 Enclosure	10,107.11	902.39
26 35 43 00-0014	EA	74 KW Output Rotary Phase Converter With NEMA 1 Enclosure	13,161.40	1,086.32
26 35 43 00-0015	EA	87 KW Output Rotary Phase Converter With NEMA 1 Enclosure	16,702.89	1,321.97
26 35 43 00-0016	EA	110 KW Output Rotary Phase Converter With NEMA 1 Enclosure	19,095.68	1,546.14
26 35 43 00-0017	EA	125 KW Output Rotary Phase Converter With NEMA 1 Enclosure	24,671.40	1,724.31
26 35 43 00-0018	EA	165 KW Output Rotary Phase Converter With NEMA 1 Enclosure	37,923.72	1,954.22
26 35 43 00-0019	EA	220 KW Output Rotary Phase Converter With NEMA 1 Enclosure	56,804.75	2,184.13

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,136.42	1,827.77
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,087.57	2,299.09
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,963.41	2,735.91

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,403.06	201.17
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,630.53	249.91

26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*

26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	3,625.22	295.73
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	4,006.20	354.87
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	4,542.98	414.03
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	5,656.26	473.17
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	7,021.39	532.32
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	7,896.84	591.46
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 12 Enclosure, Add	*1,123.62*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	8,786.45	650.61
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	10,336.64	709.76
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	13,690.50	887.19
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	15,376.83	1,064.63
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	20,518.20	1,524.18
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For NEMA 12 Enclosure, Add	*1,966.35*	

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,218.53	414.03
		For Level 2 Controller, Add	*185.26*	
		For Level 3 Controller, Add	*382.48*	
		For Level 4 Controller, Add	*555.79*	
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,390.53	532.32
		For Level 2 Controller, Add	*257.76*	
		For Level 3 Controller, Add	*532.14*	
		For Level 4 Controller, Add	*773.27*	
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	7,031.99	709.76
		For Level 2 Controller, Add	*434.97*	
		For Level 3 Controller, Add	*898.00*	
		For Level 4 Controller, Add	*1,304.90*	
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	11,540.12	887.19
		For Level 2 Controller, Add	*756.84*	
		For Level 3 Controller, Add	*1,562.52*	
		For Level 4 Controller, Add	*2,270.53*	

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,461.44	295.73
		For Level 2 Controller, Add	*377.42*	
		For Level 3 Controller, Add	*779.20*	
		For Level 4 Controller, Add	*1,132.27*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	6,299.53	354.87
		For Level 2 Controller, Add	*433.21*	
		For Level 3 Controller, Add	*894.36*	
		For Level 4 Controller, Add	*1,299.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0010	EA	100 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC100)	6,607.19	384.46
		For Level 2 Controller, Add	*452.47*	
		For Level 3 Controller, Add	*934.13*	
		For Level 4 Controller, Add	*1,357.40*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0011	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	6,914.86	414.03
		For Level 2 Controller, Add	*471.73*	
		For Level 3 Controller, Add	*973.89*	
		For Level 4 Controller, Add	*1,415.18*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0012	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	8,234.55	473.17
		For Level 2 Controller, Add	*564.84*	
		For Level 3 Controller, Add	*1,166.11*	
		For Level 4 Controller, Add	*1,694.51*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0013	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	9,406.16	532.32
		For Level 2 Controller, Add	*646.47*	
		For Level 3 Controller, Add	*1,334.64*	
		For Level 4 Controller, Add	*1,939.41*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,264.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0014	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	10,378.18	591.46
		For Level 2 Controller, Add	*712.63*	
		For Level 3 Controller, Add	*1,471.24*	
		For Level 4 Controller, Add	*2,137.90*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0015	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	10,829.98	650.61
		For Level 2 Controller, Add	*738.48*	
		For Level 3 Controller, Add	*1,524.60*	
		For Level 4 Controller, Add	*2,215.44*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0016	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	12,259.13	709.76
		For Level 2 Controller, Add	*840.07*	
		For Level 3 Controller, Add	*1,734.34*	
		For Level 4 Controller, Add	*2,520.21*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0017	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	16,837.56	887.19
		For Level 2 Controller, Add	*1,167.40*	
		For Level 3 Controller, Add	*2,410.11*	
		For Level 4 Controller, Add	*3,502.19*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0018	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	18,852.25	1,064.63
		For Level 2 Controller, Add	*1,296.03*	
		For Level 3 Controller, Add	*2,675.68*	
		For Level 4 Controller, Add	*3,888.09*	
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For NEMA 4 Enclosure, Add	*2,247.26*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0019	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	24,580.79	1,524.18
		For Level 2 Controller, Add	*1,668.76*	
		For Level 3 Controller, Add	*3,445.19*	
		For Level 4 Controller, Add	*5,006.29*	
		For NEMA 3R Enclosure, Add	*2,036.56*	
		For NEMA 4 Enclosure, Add	*2,247.26*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0020	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	32,035.31	1,651.20
		For Level 2 Controller, Add	*2,226.80*	
		For Level 3 Controller, Add	*4,597.27*	
		For Level 4 Controller, Add	*6,680.40*	
		For NEMA 3R Enclosure, Add	*4,494.50*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*2,106.80*	
26 36 23 00-0021	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	34,095.05	1,905.23
		For Level 2 Controller, Add	*2,347.05*	
		For Level 3 Controller, Add	*4,845.53*	
		For Level 4 Controller, Add	*7,041.16*	
		For NEMA 3R Enclosure, Add	*7,303.55*	
		For NEMA 4 Enclosure, Add	*8,988.98*	
		For NEMA 12 Enclosure, Add	*7,303.55*	
26 36 23 00-0022	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	38,991.25	2,159.26
		For Level 2 Controller, Add	*2,687.14*	
		For Level 3 Controller, Add	*5,547.64*	
		For Level 4 Controller, Add	*8,061.41*	
		For NEMA 3R Enclosure, Add	*7,303.55*	
		For NEMA 4 Enclosure, Add	*8,988.98*	
		For NEMA 12 Enclosure, Add	*7,303.55*	
26 36 23 00-0023	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	47,067.30	2,667.33
		For Level 2 Controller, Add	*3,234.28*	
		For Level 3 Controller, Add	*6,677.22*	
		For Level 4 Controller, Add	*9,702.84*	
		For NEMA 3R Enclosure, Add	*7,303.55*	
26 36 23 00-0024	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	82,287.76	3,175.39
		For Level 2 Controller, Add	*5,885.12*	
		For Level 3 Controller, Add	*12,149.92*	
		For Level 4 Controller, Add	*17,655.35*	
		For NEMA 3R Enclosure, Add	*13,539.65*	

26 36 23 00-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0026	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	26,817.96	2,247.56
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For Level 2 Controller, Add	*1,730.02*	
		For Level 3 Controller, Add	*3,571.65*	
		For Level 4 Controller, Add	*5,190.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0027	EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	27,984.47	2,365.85
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For Level 2 Controller, Add	*1,802.09*	
		For Level 3 Controller, Add	*3,720.44*	
		For Level 4 Controller, Add	*5,406.27*	
26 36 23 00-0028	EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	29,333.69	2,484.15
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For Level 2 Controller, Add	*1,888.32*	
		For Level 3 Controller, Add	*3,898.46*	
		For Level 4 Controller, Add	*5,664.96*	
26 36 23 00-0029	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	32,862.72	2,543.29
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For Level 2 Controller, Add	*2,152.65*	
		For Level 3 Controller, Add	*4,444.18*	
		For Level 4 Controller, Add	*6,457.95*	
26 36 23 00-0030	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	38,107.38	2,602.44
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For Level 2 Controller, Add	*2,549.94*	
		For Level 3 Controller, Add	*5,264.40*	
		For Level 4 Controller, Add	*7,649.83*	
26 36 23 00-0031	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	45,973.08	2,720.74
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*3,141.20*	
		For Level 3 Controller, Add	*6,485.06*	
		For Level 4 Controller, Add	*9,423.60*	
26 36 23 00-0032	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	50,767.36	2,839.02
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
		For Level 2 Controller, Add	*3,494.42*	
		For Level 3 Controller, Add	*7,214.29*	
		For Level 4 Controller, Add	*10,483.26*	
26 36 23 00-0033	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	63,926.62	3,312.20
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
		For Level 2 Controller, Add	*4,440.92*	
		For Level 3 Controller, Add	*9,168.36*	
		For Level 4 Controller, Add	*13,322.77*	
26 36 23 00-0034	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	84,333.26	3,810.47
		For NEMA 3R Enclosure, Add	*11,236.23*	
		For NEMA 4 Enclosure, Add	*14,045.28*	
		For NEMA 12 Enclosure, Add	*11,236.23*	
		For Level 2 Controller, Add	*5,945.21*	
		For Level 3 Controller, Add	*12,273.97*	
		For Level 4 Controller, Add	*17,835.62*	
26 36 23 00-0035	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	110,456.81	4,064.49
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*7,930.41*	
		For Level 3 Controller, Add	*16,372.45*	
		For Level 4 Controller, Add	*23,791.22*	
26 36 23 00-0036	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	125,500.41	4,445.54
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*9,037.22*	
		For Level 3 Controller, Add	*18,657.49*	
		For Level 4 Controller, Add	*27,111.67*	
26 36 23 00-0037	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	201,685.19	5,080.61
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*14,843.11*	
		For Level 3 Controller, Add	*30,643.83*	
		For Level 4 Controller, Add	*44,529.32*	
26 36 23 00-0038	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	217,587.25	5,715.69
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*15,977.08*	
		For Level 3 Controller, Add	*32,984.94*	
		For Level 4 Controller, Add	*47,931.24*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0039		Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
26 36 23 00-0040	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	9,005.10	295.73
		For Level 2 Controller, Add	*652.06*	
		For Level 3 Controller, Add	*1,346.18*	
		For Level 4 Controller, Add	*1,956.17*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0041	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	9,720.88	354.87
		For Level 2 Controller, Add	*698.36*	
		For Level 3 Controller, Add	*1,441.78*	
		For Level 4 Controller, Add	*2,095.09*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0042	EA	100 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE100)	10,078.12	384.46
		For Level 2 Controller, Add	*721.46*	
		For Level 3 Controller, Add	*1,489.48*	
		For Level 4 Controller, Add	*2,164.39*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0043	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	10,435.36	414.03
		For Level 2 Controller, Add	*744.57*	
		For Level 3 Controller, Add	*1,537.17*	
		For Level 4 Controller, Add	*2,233.70*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0044	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	12,544.38	473.17
		For Level 2 Controller, Add	*898.85*	
		For Level 3 Controller, Add	*1,855.69*	
		For Level 4 Controller, Add	*2,696.54*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0045	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	16,376.31	532.32
		For Level 2 Controller, Add	*1,186.66*	
		For Level 3 Controller, Add	*2,449.87*	
		For Level 4 Controller, Add	*3,559.97*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0046	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	17,423.02	591.46
		For Level 2 Controller, Add	*1,258.61*	
		For Level 3 Controller, Add	*2,598.41*	
		For Level 4 Controller, Add	*3,775.82*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
26 36 23 00-0047	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	18,101.46	650.61
		For Level 2 Controller, Add	*1,302.02*	
		For Level 3 Controller, Add	*2,688.04*	
		For Level 4 Controller, Add	*3,906.06*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0048	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	20,497.64	709.76
		For Level 2 Controller, Add	*1,478.55*	
		For Level 3 Controller, Add	*3,052.50*	
		For Level 4 Controller, Add	*4,435.66*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0049	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	24,858.46	887.19
		For Level 2 Controller, Add	*1,789.02*	
		For Level 3 Controller, Add	*3,693.45*	
		For Level 4 Controller, Add	*5,367.05*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0050	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	25,826.26	1,064.63
		For Level 2 Controller, Add	*1,836.52*	
		For Level 3 Controller, Add	*3,791.52*	
		For Level 4 Controller, Add	*5,509.55*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0051	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	30,607.09	1,524.18
		For Level 2 Controller, Add	*2,135.80*	
		For Level 3 Controller, Add	*4,409.40*	
		For Level 4 Controller, Add	*6,407.40*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	

26 36 23 00-0052 Accessories *(26 36 23)*

26 36 23 00-0053	EA	Auxiliary Contacts For Automatic Transfer Switch	325.86	
26 36 23 00-0054	EA	Battery Charger For Automatic Transfer Switch	2,668.61	
26 36 23 00-0055	EA	Elevator Relay Signal For Automatic Transfer Switch	969.13	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	245.52	28.74
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	264.60	28.74
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	276.09	34.49
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	228.57	22.99
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	276.09	34.49

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	339.54	28.74
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	361.93	34.49
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	350.44	28.74
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	361.93	34.49

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	410.39	28.74
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	432.78	34.49
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	382.54	22.99
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	432.78	34.49

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	483.97	28.74
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	545.88	34.49
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	457.49	22.99

26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	852.47	34.49
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	840.98	28.74
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	852.47	34.49

26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	8,170.10	57.48
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	9,996.50	57.48

26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression *(26 43 13)*

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D. EMA series.

26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,982.88	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,393.51	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,415.16	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,531.55	229.90
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,622.62	316.13
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,155.48	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,583.11	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,708.09	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,911.99	229.90
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,209.68	316.13
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,155.48	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,583.11	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,708.04	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,911.99	229.90
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,209.68	316.13
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,328.10	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,775.16	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,003.44	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,294.92	229.90
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,799.13	316.13
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,528.65	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,974.53	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,312.16	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,696.02	229.90
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,582.13	316.13
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,107.80	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,754.23	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,498.73	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,206.25	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,900.08	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,689.55	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,206.25	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,900.08	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,689.55	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,331.44	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,056.87	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,933.85	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,462.71	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,223.38	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,190.31	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,131.47	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,542.10	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,563.75	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,304.07	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,731.70	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,856.68	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,304.07	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,731.70	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,856.63	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,476.69	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,923.75	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,152.03	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,677.24	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,123.12	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,460.75	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,256.39	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,902.82	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,647.32	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,354.84	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,048.67	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,838.14	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,354.84	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,048.67	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,838.14	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,480.03	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,205.46	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,082.44	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,611.30	149.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,371.97	172.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,338.90	201.17
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 23 Surge Protective Devices for Lightning Protection *(26 43)*

26 43 23 00-0001 Surge And Lightning Arrestors *(26 43 23)*

26 43 23 00-0002 Metal Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For outdoor construction, single phase.

26 43 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,130.67	257.79
26 43 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,226.35	257.79
26 43 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,226.35	257.79
26 43 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,404.05	257.79
26 43 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,404.05	257.79
26 43 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,551.68	257.79
26 43 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,551.68	257.79
26 43 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,117.98	322.23
26 43 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,194.53	322.23
26 43 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,410.47	386.67
26 43 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,607.31	386.67
26 43 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	3,102.13	386.67

26 43 23 00-0015 Porcelain Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For cubicle mounting, single phase.

26 43 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,130.67	257.79
26 43 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,226.35	257.79
26 43 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,226.35	257.79
26 43 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,404.05	257.79
26 43 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,404.05	257.79
26 43 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,551.68	257.79
26 43 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,551.68	257.79
26 43 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,117.98	322.23
26 43 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,194.53	322.23
26 43 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,410.47	386.67
26 43 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,607.31	386.67
26 43 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	3,102.13	386.67

26 43 23 00-0028 IMX Accessories *(26 43 23 00-0001)*

26 43 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	933.84	257.79
26 43 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	922.90	257.79
26 43 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	840.99	257.79

26 43 23 00-0032 Lightning Arrestor And Cutouts *(26 43 23 00-0001)*

26 43 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	627.65	257.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	1,203.50	257.79
26 43 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	1,130.67	257.79
26 43 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	687.79	257.79
26 43 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,362.94	257.79
26 43 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,404.05	257.79
26 43 23 00-0039	EA	5 KV Enclosed Fused Cutout	781.29	257.79
26 43 23 00-0040	EA	15 KV Open Fused Cutout	844.02	322.23
26 43 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	656.15	257.79
26 43 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,448.16	257.79

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	83.37	32.87
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	83.37	32.87
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	88.59	34.49
		For ICAT Housing, Add	*4.75*	
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	94.01	35.98
		For ICAT Housing, Add	*5.16*	
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	99.45	37.47
		For ICAT Housing, Add	*5.56*	
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	101.09	39.78
		For ICAT Housing, Add	*5.33*	

26 51 13 00-0009 Recessed Fixture Trim *(26 51 13 00-0001)*

26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	66.14	16.10
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	73.83	16.10
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	87.16	16.10
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	94.22	16.10
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	73.94	16.10
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	69.81	16.10
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	74.55	16.10

26 51 13 00-0017 Track Lighting *(26 51 13)*

26 51 13 00-0018 Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*

See CSI section 26 51 19 00-0705 for track lighting tracks.

26 51 13 00-0019	EA	Incandescent Track Lighting Fixture, 120 Volt	85.83	19.20
26 51 13 00-0020	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	57.34	19.20
26 51 13 00-0021	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	79.43	19.20
26 51 13 00-0022	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	81.62	19.20
26 51 13 00-0023	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	67.34	19.20
26 51 13 00-0024	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	57.34	19.20
26 51 13 00-0025	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	66.29	19.20
26 51 13 00-0026	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	83.81	19.20

26 51 13 00-0027 Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*

26 51 13 00-0028 Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0027)*

26 51 13 00-0029	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	128.56	45.98
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0030	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	147.37	45.98
		For Wall Mounted, Add	*5.10*	

26 51 16 Fluorescent Interior Lighting *(26 51)*

26 51 16 00-0001 Fluorescent Fixtures *(26 51 16)*

26 51 16 00-0002 Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*

26 51 16 00-0003 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*

26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	191.14	32.87
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	215.72	32.87

26 51 16 00-0006 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*

26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	216.58	34.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	243.51	34.24
26 51 16 00-0009		**1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures** *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	259.11	38.44
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	309.16	38.44
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	364.25	38.44
26 51 16 00-0013		**2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures** *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	208.60	42.02
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	242.78	42.02
26 51 16 00-0016		**2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures** *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	331.61	48.95
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	357.86	48.95
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	407.85	48.95
26 51 16 00-0020		**Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0001)* Note: Includes prismatic lens.		
26 51 16 00-0021		**1' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	257.61	38.13
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	424.61	38.13
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	485.68	38.13
26 51 16 00-0025		**2' x 2', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	407.16	42.02
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	445.67	42.02
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	473.45	42.02
26 51 16 00-0029		**2' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	411.52	48.95
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	452.59	48.95
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	475.22	48.95
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	509.65	48.95
26 51 16 00-0034		**4' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	824.62	63.02
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	838.45	63.02
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	754.72	63.02
26 51 16 00-0038		**Recessed Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0039		**Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0040		**1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	410.74	32.87
		For Drywall Or Plaster Ceilings, Add	*22.22*	
26 51 16 00-0042		**1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	546.52	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,038.40	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0045		**2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	551.83	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	638.58	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	644.48	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	696.44	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0050		**2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	523.38	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	755.02	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	761.94	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	853.57	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	723.46	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,013.72	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,030.12	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0058		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0059		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	491.28	32.87
		For Drywall Or Plaster Ceilings, Add	*22.22*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	497.17	32.87
		For Drywall Or Plaster Ceilings, Add	*22.22*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	589.49	32.87
		For Drywall Or Plaster Ceilings, Add	*22.22*	
26 51 16 00-0063		1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	559.35	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	566.27	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	644.19	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0067		2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	570.60	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	576.49	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	667.39	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0071		2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	523.38	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	621.40	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	714.40	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	814.67	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0076		Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0077		1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,101.40	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,108.32	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,315.30	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,331.70	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0082		2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	856.55	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	960.67	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	1,185.32	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0086		2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	959.86	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,200.15	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,282.22	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,410.34	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0091		Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	849.59	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	1,143.23	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	843.11	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	974.41	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	934.76	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	936.95	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	782.13	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	743.97	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	904.33	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	626.69	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	1,043.15	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	742.24	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	743.02	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	926.72	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	941.41	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	964.84	48.95
		For Drywall Or Plaster Ceilings, Add	*33.09*	
26 51 16 00-0119		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	296.29	31.51
26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	372.49	31.51
26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	361.58	34.98
26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	366.73	38.44
26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	449.71	45.53
26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	366.35	34.98
26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	373.84	38.44
26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	378.90	42.02
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	558.07	34.98
26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	532.11	38.44
26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	537.09	42.02
26 51 16 00-0134		Display Case Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	191.48	34.49
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	265.67	34.49
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	286.46	40.23
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	297.00	40.23
26 51 16 00-0139		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	445.96	31.51
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	465.91	38.44
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	886.39	48.95
26 51 16 00-0144		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0145	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	457.10	34.98
26 51 16 00-0146	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	478.09	42.02
26 51 16 00-0147	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	900.23	48.95
26 51 16 00-0148		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0149	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	475.96	34.98
26 51 16 00-0150	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	494.73	42.02
26 51 16 00-0151	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	767.14	48.95
26 51 16 00-0152		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0153	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	700.01	42.02
26 51 16 00-0154	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	1,040.27	48.95
26 51 16 00-0155		Flanged Fluorescent Fixture *(26 51 16 00-0001)*		
		Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0156	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	639.46	63.02
26 51 16 00-0157	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	776.02	63.02
26 51 16 00-0158	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	782.94	63.02
26 51 16 00-0159		Undercabinet Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0160	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	227.05	28.36
26 51 16 00-0161	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	262.44	34.66
26 51 16 00-0162	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	257.51	34.66
26 51 16 00-0163	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	315.92	37.81
26 51 16 00-0164	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	367.10	44.12
26 51 16 00-0165		Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0001)*		
		Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0166		2' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0165)*		
26 51 16 00-0167	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	259.19	31.51
26 51 16 00-0168	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	289.88	31.51
26 51 16 00-0169		3' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0165)*		
26 51 16 00-0170	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	296.53	33.08
26 51 16 00-0171	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	325.84	33.08
26 51 16 00-0172		4' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0165)*		
26 51 16 00-0173	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	291.93	34.66
26 51 16 00-0174	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	322.29	34.66
26 51 16 00-0175		Wall Bracket, Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0176		Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0175)*		
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0177		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0176)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0178	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	246.15	52.87
26 51 16 00-0179	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	251.18	52.87
26 51 16 00-0180		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0181	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	323.58	52.87
26 51 16 00-0182	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	330.59	52.87
26 51 16 00-0183		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0184	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	335.58	52.87
26 51 16 00-0185	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	340.60	52.87
26 51 16 00-0186		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0175)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0187		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0188	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	682.60	52.87
26 51 16 00-0189	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	687.62	52.87
26 51 16 00-0190		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0191	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	531.75	52.87
26 51 16 00-0192	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	538.76	52.87
26 51 16 00-0193		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0194	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	617.23	52.87
26 51 16 00-0195	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	622.25	52.87
26 51 16 00-0196		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0175)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0197		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0198	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	235.04	52.87
26 51 16 00-0199	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	240.07	52.87
26 51 16 00-0200		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0201	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	237.03	52.87
26 51 16 00-0202	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	244.05	52.87
26 51 16 00-0203		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0204	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	226.53	52.87
26 51 16 00-0205	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	231.55	52.87
26 51 16 00-0206		**Low Occupancy, Industrial Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	289.22	38.44
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	294.47	42.02
26 51 16 00-0209		**Vandal Proof, Wraparound Fluorescent Fixtures** *(26 51 16 00-0001)* Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.		
26 51 16 00-0210		**6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0211	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	250.95	32.87
26 51 16 00-0212	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	300.32	32.87
26 51 16 00-0213		**6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0214	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	271.68	34.24
26 51 16 00-0215	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	325.97	34.24
26 51 16 00-0216		**1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0217	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	307.11	36.35
26 51 16 00-0218	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	366.45	36.35
26 51 16 00-0219	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	394.58	36.35
26 51 16 00-0220		**1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures** *(26 51 16 00-0209)*		
26 51 16 00-0221	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	331.57	38.44
26 51 16 00-0222	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	396.27	38.44
26 51 16 00-0223	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	427.13	38.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0224		Ceiling Mounted Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0225		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0224)*		
26 51 16 00-0226		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0225)*		
26 51 16 00-0227	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	230.08	45.98
26 51 16 00-0228	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	285.18	45.98
26 51 16 00-0229		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0224)*		
26 51 16 00-0230		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0229)*		
26 51 16 00-0231	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	180.53	45.98
26 51 16 00-0232	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	200.43	45.98
26 51 16 00-0233		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0229)*		
26 51 16 00-0234	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	303.11	45.98
26 51 16 00-0235	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	454.80	45.98
26 51 16 00-0236	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	559.90	45.98
26 51 16 00-0237	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	352.25	45.98
26 51 16 00-0238	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	457.91	45.98
26 51 16 00-0239	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	559.90	45.98
26 51 16 00-0240		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0224)*		
26 51 16 00-0241		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0240)*		
26 51 16 00-0242	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	307.24	45.98
26 51 16 00-0243	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	418.72	45.98
26 51 16 00-0244	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	513.14	45.98
26 51 16 00-0245	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	237.04	45.98
26 51 16 00-0246	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	294.90	45.98
26 51 16 00-0247	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	404.54	45.98
26 51 16 00-0248		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0224)*		
26 51 16 00-0249		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 16 00-0248)*		
26 51 16 00-0250	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	527.11	37.77
26 51 16 00-0251		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 16 00-0248)*		
26 51 16 00-0252	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	610.99	37.77
26 51 16 00-0253	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	881.61	37.77
26 51 16 00-0254		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 16 00-0224)*		
26 51 16 00-0255	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	308.06	37.77
26 51 16 00-0256	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	328.32	37.77
26 51 16 00-0257	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	395.07	37.77
26 51 16 00-0258	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	410.73	37.77
26 51 16 00-0259	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	493.52	37.77
26 51 16 00-0260	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	591.10	37.77
26 51 16 00-0261		Finelite Fluorescent Fixtures *(26 51 16 00-0224)*		
26 51 16 00-0262		Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) *(26 51 16 00-0261)*		
26 51 16 00-0263	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	524.82	53.57
		For Dual Circuit, Add	*133.31*	
26 51 16 00-0264	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	522.58	53.57
		For Dual Circuit, Add	*132.63*	
26 51 16 00-0265	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	566.12	53.57
		For Dual Circuit, Add	*145.70*	
26 51 16 00-0266	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	635.35	53.57
		For Dual Circuit, Add	*166.46*	
26 51 16 00-0267	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	697.87	53.57
		For Dual Circuit, Add	*185.22*	
26 51 16 00-0268	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	861.09	53.57
		For Dual Circuit, Add	*234.19*	

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26 51 16 00-0269	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	753.76	55.87
		For Dual Circuit, Add	*150.97*	
26 51 16 00-0270	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	776.75	55.87
		For Dual Circuit, Add	*156.15*	
26 51 16 00-0271	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	863.83	55.87
		For Dual Circuit, Add	*175.74*	
26 51 16 00-0272	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	828.33	55.87
		For Dual Circuit, Add	*167.75*	
26 51 16 00-0273	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,044.92	55.87
		For Dual Circuit, Add	*216.48*	
26 51 16 00-0274	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,234.04	55.87
		For Dual Circuit, Add	*259.04*	
26 51 16 00-0275	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,001.00	58.16
		For Dual Circuit, Add	*137.39*	
26 51 16 00-0276	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,040.07	58.16
		For Dual Circuit, Add	*143.25*	
26 51 16 00-0277	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,152.37	58.16
		For Dual Circuit, Add	*160.10*	
26 51 16 00-0278	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,158.64	58.16
		For Dual Circuit, Add	*161.04*	
26 51 16 00-0279	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,437.75	58.16
		For Dual Circuit, Add	*202.90*	
26 51 16 00-0280	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,726.00	58.16
		For Dual Circuit, Add	*246.14*	
26 51 16 00-0281		**Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O)** *(26 51 16 00-0261)*		
26 51 16 00-0282	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	525.72	53.57
		For Dual Circuit, Add	*133.58*	
26 51 16 00-0283	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	573.84	53.57
		For Dual Circuit, Add	*148.01*	
26 51 16 00-0284	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	573.77	53.57
		For Dual Circuit, Add	*147.99*	
26 51 16 00-0285	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	778.60	55.87
		For Dual Circuit, Add	*156.56*	
26 51 16 00-0286	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	834.23	55.87
		For Dual Circuit, Add	*169.08*	
26 51 16 00-0287	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	834.08	55.87
		For Dual Circuit, Add	*169.04*	
26 51 16 00-0288	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	1,031.47	58.16
		For Dual Circuit, Add	*141.96*	
26 51 16 00-0289	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	1,175.84	58.16
		For Dual Circuit, Add	*163.62*	
26 51 16 00-0290	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	1,175.62	58.16
		For Dual Circuit, Add	*163.58*	
26 51 16 00-0291		**Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8)** *(26 51 16 00-0261)*		
26 51 16 00-0292	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	398.25	53.57
		For Dual Circuit, Add	*95.33*	
26 51 16 00-0293	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	420.73	53.57
		For Dual Circuit, Add	*102.08*	
26 51 16 00-0294	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	500.30	53.57
		For Dual Circuit, Add	*125.95*	
26 51 16 00-0295	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	524.22	55.87
		For Dual Circuit, Add	*99.33*	
26 51 16 00-0296	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	621.08	55.87
		For Dual Circuit, Add	*121.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0297	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	736.11	55.87
		For Dual Circuit, Add	*147.00*	
26 51 16 00-0298	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	728.03	58.16
		For Dual Circuit, Add	*96.44*	
26 51 16 00-0299	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	894.08	58.16
		For Dual Circuit, Add	*121.35*	
26 51 16 00-0300	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	1,070.50	58.16
		For Dual Circuit, Add	*147.81*	

26 51 16 00-0301 Fluorescent, Recessed Fixture Housings *(26 51 16)*

26 51 16 00-0302	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	137.26	32.87
		For ICAT Housing, Add	*11.33*	
26 51 16 00-0303	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	142.05	32.87
		For ICAT Housing, Add	*11.95*	
26 51 16 00-0304	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	147.98	34.37
		For ICAT Housing, Add	*12.42*	
26 51 16 00-0305	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	155.53	35.63
		For ICAT Housing, Add	*13.09*	
26 51 16 00-0306	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	162.12	37.47
		For ICAT Housing, Add	*13.65*	
26 51 16 00-0307	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	167.75	39.78
		For ICAT Housing, Add	*13.93*	

26 51 16 00-0308 Compact Fluorescent, Recessed Fixture Housings *(26 51 16)*

26 51 16 00-0309	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	157.84	32.87
		For ICAT Housing, Add	*13.98*	
26 51 16 00-0310	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	162.55	32.87
		For ICAT Housing, Add	*14.59*	
26 51 16 00-0311	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	168.64	34.49
		For ICAT Housing, Add	*15.08*	
26 51 16 00-0312	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	173.49	35.98
		For ICAT Housing, Add	*15.41*	
26 51 16 00-0313	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	179.11	37.47
		For ICAT Housing, Add	*15.84*	
26 51 16 00-0314	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	184.37	39.78
		For ICAT Housing, Add	*16.07*	

26 51 16 00-0315 Fluorescent Track Lighting Fixtures *(26 51 16)*

26 51 16 00-0316	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	299.90	19.20
26 51 16 00-0317	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	308.66	19.20
26 51 16 00-0318	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	314.13	19.20
26 51 16 00-0319	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	193.00	19.20
26 51 16 00-0320	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	335.59	19.20

26 51 16 00-0321 Compact Fluorescent Track Lighting Fixtures *(26 51 16)*

26 51 16 00-0322	EA	Compact Fluorescent Track Lighting Fixture	101.35	19.20

26 51 16 00-0323 Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 16)*

26 51 16 00-0324	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	138.27	45.98
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0325	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	141.96	45.98
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0326	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	151.11	45.98
		For Wall Mounted, Add	*6.02*	

26 51 16 00-0327 Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16)*

26 51 16 00-0328 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0327)*

26 51 16 00-0329 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) *(26 51 16 00-0328)*

Note: Includes high impact acrylic molded lens.

26 51 16 00-0330	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	318.45	48.95
		For T5 Fixture Instead Of T8, Add	*28.04*	
26 51 16 00-0331	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	334.43	48.95
		For T5 Fixture Instead Of T8, Add	*29.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0332	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	530.20	48.95
		For T5 Fixture Instead Of T8, Add	*52.29*	
26 51 16 00-0333	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	455.63	48.95
26 51 16 00-0334	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	740.29	48.95
26 51 16 00-0335		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) *(26 51 16 00-0328)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0336	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	370.67	48.95
26 51 16 00-0337	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	375.53	48.95
26 51 16 00-0338	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	552.17	48.95
26 51 16 00-0339	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	454.48	48.95
26 51 16 00-0340	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	475.56	48.95
26 51 16 00-0341		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0327)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0342		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0341)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0343	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	606.95	66.49
		For T5 Fixture Instead Of T8, Add	*58.07*	
26 51 16 00-0344	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	632.14	66.49
		For T5 Fixture Instead Of T8, Add	*60.95*	
26 51 16 00-0345		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0346		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0345)*		
26 51 16 00-0347		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0346)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0348	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	509.84	107.13
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0349	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	533.01	118.70
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0350	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	603.95	135.50
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0351	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	728.75	142.74
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0352	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	794.18	149.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0353	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	444.01	135.50
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0354	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	468.35	142.74
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0355	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	538.09	149.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0356		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0345)*		
26 51 16 00-0357		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0356)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0358	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	516.89	107.13
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0359	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	540.73	118.70
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0360	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	616.22	135.50
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0361	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	752.40	142.74
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0362	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	471.77	135.50
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0363	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	522.62	142.74
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0364	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	613.24	149.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 19 LED Interior Lighting *(26 51)*

26 51 19 00-0001 LED Fixtures *(26 51 19)*

26 51 19 00-0002 Undercabinet LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	138.01	28.36
		For >50 To 100, Deduct	*-4.63*	
		For >100 To 250, Deduct	*-8.08*	
		For >250 To 500, Deduct	*-13.80*	
		For >500, Deduct	*-19.52*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	170.84	34.66
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-17.08*	
		For >500, Deduct	*-24.18*	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	171.93	34.66
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-17.19*	
		For >500, Deduct	*-24.35*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	163.92	28.36
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-16.39*	
		For >500, Deduct	*-23.41*	

26 51 19 00-0007 Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0008 Striplight LED Fixtures (Lithonia CLX) *(26 51 19 00-0007)*

Note: Standard efficiency, flat or round diffuse lens, 120-277 volt, 0-10 volt dimming, 3000K to 5000K color temperature, 80CRI

26 51 19 00-0009	EA	2' Length, 1,500 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	216.96	31.51
26 51 19 00-0010	EA	2' Length, 2,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	222.90	31.51
26 51 19 00-0011	EA	4' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	257.19	38.44
26 51 19 00-0012	EA	4' Length, 4,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	263.14	38.44
26 51 19 00-0013	EA	4' Length, 5,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	269.09	38.44
26 51 19 00-0014	EA	4' Length, 7,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	275.03	38.44
26 51 19 00-0015	EA	4' Length, 9,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	280.99	38.44
26 51 19 00-0016	EA	8' Length, 6,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	359.88	45.48
26 51 19 00-0017	EA	8' Length, 8,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	371.77	45.48
26 51 19 00-0018	EA	8' Length, 10,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	385.15	45.48
26 51 19 00-0019	EA	8' Length, 14,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	397.05	45.48
26 51 19 00-0020	EA	8' Length, 18,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	410.43	45.48
26 51 19 00-0021	EA	8' Length, 20,000 Lumens, LED Striplight Fixture (Lithonia CLX) Note: With integral occupancy sensor	422.33	45.48

26 51 19 00-0022 Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*

26 51 19 00-0023	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	223.51	31.51
		For >50 To 100, Deduct	*-6.77*	
		For >100 To 250, Deduct	*-12.36*	
		For >250 To 500, Deduct	*-22.35*	
		For >500, Deduct	*-32.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0024	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	234.01	38.44
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-13.14*	
		For >250 To 500, Deduct	*-23.40*	
		For >500, Deduct	*-33.66*	
26 51 19 00-0025	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	241.50	31.51
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-13.26*	
		For >250 To 500, Deduct	*-24.15*	
		For >500, Deduct	*-35.04*	
26 51 19 00-0026	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	252.00	38.44
		For >50 To 100, Deduct	*-7.74*	
		For >100 To 250, Deduct	*-14.04*	
		For >250 To 500, Deduct	*-25.20*	
		For >500, Deduct	*-36.36*	
26 51 19 00-0027	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	315.01	38.44
		For >50 To 100, Deduct	*-9.32*	
		For >100 To 250, Deduct	*-17.19*	
		For >250 To 500, Deduct	*-31.50*	
		For >500, Deduct	*-45.81*	

26 51 19 00-0028 Striplight LED Fixtures (Lithonia TZL1D) *(26 51 19 00-0007)*

26 51 19 00-0029	EA	8,077 Lumens, 60 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 30K 80CRI)	421.93	45.48
		For >50 To 100, Deduct	*-12.26*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-42.19*	
		For >500, Deduct	*-61.58*	
26 51 19 00-0030	EA	8,257 Lumens, 60 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 35K 80CRI)	421.93	45.48
		For >50 To 100, Deduct	*-12.26*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-42.19*	
		For >500, Deduct	*-61.58*	
26 51 19 00-0031	EA	8,386 Lumens, 60 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 40K 80CRI)	421.93	45.48
		For >50 To 100, Deduct	*-12.26*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-42.19*	
		For >500, Deduct	*-61.58*	
26 51 19 00-0032	EA	8,694 Lumens, 60 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 50K 80CRI)	421.93	45.48
		For >50 To 100, Deduct	*-12.26*	
		For >100 To 250, Deduct	*-22.80*	
		For >250 To 500, Deduct	*-42.19*	
		For >500, Deduct	*-61.58*	
26 51 19 00-0033	EA	11,021 Lumens, 81 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 30K 80CRI)	444.54	45.48
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.45*	
		For >500, Deduct	*-64.97*	
26 51 19 00-0034	EA	11,267 Lumens, 81 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 35K 80CRI)	444.54	45.48
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.45*	
		For >500, Deduct	*-64.97*	
26 51 19 00-0035	EA	11,442 Lumens, 81 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 40K 80CRI)	444.54	45.48
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.45*	
		For >500, Deduct	*-64.97*	
26 51 19 00-0036	EA	11,864 Lumens, 81 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 50K 80CRI)	444.54	45.48
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.45*	
		For >500, Deduct	*-64.97*	
26 51 19 00-0037	EA	15,397 Lumens, 121 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 30K 80CRI)	467.27	45.48
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 250, Deduct	*-25.07*	
		For >250 To 500, Deduct	*-46.73*	
		For >500, Deduct	*-68.38*	
26 51 19 00-0038	EA	15,741 Lumens, 121 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 35K 80CRI)	467.27	45.48
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 250, Deduct	*-25.07*	
		For >250 To 500, Deduct	*-46.73*	
		For >500, Deduct	*-68.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0039	EA	15,986 Lumens, 121 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 40K 80CRI)	467.27	45.48
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 250, Deduct	*-25.07*	
		For >250 To 500, Deduct	*-46.73*	
		For >500, Deduct	*-68.38*	
26 51 19 00-0040	EA	16,574 Lumens, 121 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 50K 80CRI)	467.27	45.48
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 250, Deduct	*-25.07*	
		For >250 To 500, Deduct	*-46.73*	
		For >500, Deduct	*-68.38*	

26 51 19 00-0041 Striplight LED Fixtures (Lithonia ZL1D) *(26 51 19 00-0007)*

26 51 19 00-0042	EA	1,985 Lumens, 17 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 30K 80CRI)	171.97	31.51
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.78*	
		For >250 To 500, Deduct	*-17.20*	
		For >500, Deduct	*-24.61*	
26 51 19 00-0043	EA	2,030 Lumens, 17 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 35K 80CRI)	171.97	31.51
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.78*	
		For >250 To 500, Deduct	*-17.20*	
		For >500, Deduct	*-24.61*	
26 51 19 00-0044	EA	2,061 Lumens, 17 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 40K 80CRI)	171.97	31.51
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.78*	
		For >250 To 500, Deduct	*-17.20*	
		For >500, Deduct	*-24.61*	
26 51 19 00-0045	EA	2,137 Lumens, 17 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 50K 80CRI)	171.97	31.51
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.78*	
		For >250 To 500, Deduct	*-17.20*	
		For >500, Deduct	*-24.61*	
26 51 19 00-0046	EA	2,682 Lumens, 22 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 30K 80CRI)	194.70	31.51
		For >50 To 100, Deduct	*-6.05*	
		For >100 To 250, Deduct	*-10.92*	
		For >250 To 500, Deduct	*-19.47*	
		For >500, Deduct	*-28.02*	
26 51 19 00-0047	EA	2,742 Lumens, 22 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 35K 80CRI)	194.70	31.51
		For >50 To 100, Deduct	*-6.05*	
		For >100 To 250, Deduct	*-10.92*	
		For >250 To 500, Deduct	*-19.47*	
		For >500, Deduct	*-28.02*	
26 51 19 00-0048	EA	2,785 Lumens, 22 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 40K 80CRI)	194.70	31.51
		For >50 To 100, Deduct	*-6.05*	
		For >100 To 250, Deduct	*-10.92*	
		For >250 To 500, Deduct	*-19.47*	
		For >500, Deduct	*-28.02*	
26 51 19 00-0049	EA	2,887 Lumens, 22 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 50K 80CRI)	194.70	31.51
		For >50 To 100, Deduct	*-6.05*	
		For >100 To 250, Deduct	*-10.92*	
		For >250 To 500, Deduct	*-19.47*	
		For >500, Deduct	*-28.02*	
26 51 19 00-0050	EA	4,099 Lumens, 36 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 30K 80CRI)	205.99	31.51
		For >50 To 100, Deduct	*-6.33*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-20.60*	
		For >500, Deduct	*-29.72*	
26 51 19 00-0051	EA	4,190 Lumens, 36 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 35K 80CRI)	205.99	31.51
		For >50 To 100, Deduct	*-6.33*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-20.60*	
		For >500, Deduct	*-29.72*	
26 51 19 00-0052	EA	4,255 Lumens, 36 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 40K 80CRI)	205.99	31.51
		For >50 To 100, Deduct	*-6.33*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-20.60*	
		For >500, Deduct	*-29.72*	
26 51 19 00-0053	EA	4,412 Lumens, 36 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 50K 80CRI)	205.99	31.51
		For >50 To 100, Deduct	*-6.33*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-20.60*	
		For >500, Deduct	*-29.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0054	EA	3,880 Lumens, 30 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 30K 80CRI)	234.61	38.44
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-33.75*	
26 51 19 00-0055	EA	3,966 Lumens, 30 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 35K 80CRI)	234.61	38.44
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-33.75*	
26 51 19 00-0056	EA	4,028 Lumens, 30 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 40K 80CRI)	234.61	38.44
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-33.75*	
26 51 19 00-0057	EA	4,176 Lumens, 30 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 50K 80CRI)	234.61	38.44
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-33.75*	
26 51 19 00-0058	EA	5,337 Lumens, 41 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 30K 80CRI)	245.91	38.44
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.74*	
		For >250 To 500, Deduct	*-24.59*	
		For >500, Deduct	*-35.44*	
26 51 19 00-0059	EA	5,456 Lumens, 41 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 35K 80CRI)	245.91	38.44
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.74*	
		For >250 To 500, Deduct	*-24.59*	
		For >500, Deduct	*-35.44*	
26 51 19 00-0060	EA	5,541 Lumens, 41 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 40K 80CRI)	245.91	38.44
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.74*	
		For >250 To 500, Deduct	*-24.59*	
		For >500, Deduct	*-35.44*	
26 51 19 00-0061	EA	5,745 Lumens, 41 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 50K 80CRI)	245.91	38.44
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.74*	
		For >250 To 500, Deduct	*-24.59*	
		For >500, Deduct	*-35.44*	
26 51 19 00-0062	EA	7,317 Lumens, 59 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 30K 80CRI)	257.22	38.44
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-14.31*	
		For >250 To 500, Deduct	*-25.72*	
		For >500, Deduct	*-37.14*	
26 51 19 00-0063	EA	7,480 Lumens, 59 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 35K 80CRI)	257.22	38.44
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-14.31*	
		For >250 To 500, Deduct	*-25.72*	
		For >500, Deduct	*-37.14*	
26 51 19 00-0064	EA	7,596 Lumens, 59 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 40K 80CRI)	257.22	38.44
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-14.31*	
		For >250 To 500, Deduct	*-25.72*	
		For >500, Deduct	*-37.14*	
26 51 19 00-0065	EA	7,876 Lumens, 59 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 50K 80CRI)	257.22	38.44
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-14.31*	
		For >250 To 500, Deduct	*-25.72*	
		For >500, Deduct	*-37.14*	

26 51 19 00-0066 Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)*

26 51 19 00-0067	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	222.82	31.51
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 250, Deduct	*-12.32*	
		For >250 To 500, Deduct	*-22.28*	
		For >500, Deduct	*-32.24*	

26 51 19 00-0068 Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)*

26 51 19 00-0069	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	283.62	38.44
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 250, Deduct	*-15.63*	
		For >250 To 500, Deduct	*-28.36*	
		For >500, Deduct	*-41.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0070	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	267.15	38.44
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-14.80*	
		For >250 To 500, Deduct	*-26.72*	
		For >500, Deduct	*-38.63*	
26 51 19 00-0071	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	283.62	38.44
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 250, Deduct	*-15.63*	
		For >250 To 500, Deduct	*-28.36*	
		For >500, Deduct	*-41.10*	
26 51 19 00-0072		Suspended Linear LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0073		Suspended, Pendant Mounted, Linear LED Fixtures (Lithonia GRD) *(26 51 19 00-0072)*		
26 51 19 00-0074	EA	3,303 Lumens, 25 Watt, 4' Length, 3000K CCT, 4' Length, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID800LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0075	EA	3,401 Lumens, 25 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID800LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0076	EA	3,456 Lumens, 25 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID800LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0077	EA	4,033 Lumens, 32 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1000LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0078	EA	4,153 Lumens, 32 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1000LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0079	EA	4,220 Lumens, 32 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1000LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0080	EA	4,843 Lumens, 40 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1300LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0081	EA	4,987 Lumens, 40 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1300LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0082	EA	5,067 Lumens, 40 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1300LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0083	EA	5,841 Lumens, 51 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1500LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0084	EA	6,015 Lumens, 51 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1500LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0085	EA	6,111 Lumens, 51 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1500LMF)	729.92	38.44
		For >50 To 100, Deduct	*-19.69*	
		For >100 To 250, Deduct	*-37.94*	
		For >250 To 500, Deduct	*-72.99*	
		For >500, Deduct	*-108.04*	
26 51 19 00-0086	EA	6,606 Lumens, 50 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID800LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0087	EA	6,802 Lumens, 50 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID800LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0088	EA	6,912 Lumens, 50 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID800LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0089	EA	8,066 Lumens, 64 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1000LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0090	EA	8,303 Lumens, 64 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1000LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0091	EA	8,440 Lumens, 64 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1000LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0092	EA	9,686 Lumens, 80 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1300LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0093	EA	9,974 Lumens, 80 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1300LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0094	EA	10,134 Lumens, 80 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1300LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0095	EA	11,682 Lumens, 102 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1500LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0096	EA	12,030 Lumens, 102 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1500LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	
26 51 19 00-0097	EA	12,222 Lumens, 102 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1500LMF)	1,090.18	45.48
		For >50 To 100, Deduct	*-28.96*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-109.02*	
		For >500, Deduct	*-161.82*	

26 51 19 00-0098 Suspended Linear LED Fixtures (Lithonia GRD) *(26 51 19 00-0072)*

26 51 19 00-0099	EA	24' Length, 8' Sections, 80 CRI, 3,500K, LED Linear Fixture (Lithonia GRD 24FT MSL8 80 CRI 35K ID800LMF 20/80 MIN1 ZT 120 SCT PDT)	2,123.02	173.32

26 51 19 00-0100 Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0101 Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0102		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 19 00-0101)*		
26 51 19 00-0103	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	606.68	38.13
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*44.78*	
		For >50 To 100, Deduct	*-16.61*	
		For >100 To 250, Deduct	*-31.78*	
		For >250 To 500, Deduct	*-60.67*	
		For >500, Deduct	*-89.56*	
26 51 19 00-0104	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	332.28	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
		For >50 To 100, Deduct	*-9.88*	
		For >100 To 250, Deduct	*-18.19*	
		For >250 To 500, Deduct	*-33.23*	
		For >500, Deduct	*-48.27*	
26 51 19 00-0105	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	610.63	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.91*	
		For >50 To 100, Deduct	*-17.10*	
		For >100 To 250, Deduct	*-32.37*	
		For >250 To 500, Deduct	*-61.06*	
		For >500, Deduct	*-89.76*	
26 51 19 00-0106		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera)** *(26 51 19 00-0101)*		
26 51 19 00-0107	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	877.52	38.13
		For >50 To 100, Deduct	*-23.38*	
		For >100 To 250, Deduct	*-45.32*	
		For >250 To 500, Deduct	*-87.75*	
		For >500, Deduct	*-130.18*	
26 51 19 00-0108	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	614.38	42.02
		For >50 To 100, Deduct	*-16.94*	
		For >100 To 250, Deduct	*-32.29*	
		For >250 To 500, Deduct	*-61.44*	
		For >500, Deduct	*-90.58*	
26 51 19 00-0109	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	801.49	48.95
		For >50 To 100, Deduct	*-21.88*	
		For >100 To 250, Deduct	*-41.91*	
		For >250 To 500, Deduct	*-80.15*	
		For >500, Deduct	*-118.39*	
26 51 19 00-0110		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED)** *(26 51 19 00-0101)*		
26 51 19 00-0111	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	402.00	42.02
		For >50 To 100, Deduct	*-11.63*	
		For >100 To 250, Deduct	*-21.68*	
		For >250 To 500, Deduct	*-40.20*	
		For >500, Deduct	*-58.72*	
26 51 19 00-0112	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	445.73	42.02
		For >50 To 100, Deduct	*-12.72*	
		For >100 To 250, Deduct	*-23.86*	
		For >250 To 500, Deduct	*-44.57*	
		For >500, Deduct	*-65.28*	
26 51 19 00-0113	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	377.94	42.02
		For >50 To 100, Deduct	*-11.02*	
		For >100 To 250, Deduct	*-20.47*	
		For >250 To 500, Deduct	*-37.79*	
		For >500, Deduct	*-55.12*	
26 51 19 00-0114	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	377.94	42.02
		For >50 To 100, Deduct	*-11.02*	
		For >100 To 250, Deduct	*-20.47*	
		For >250 To 500, Deduct	*-37.79*	
		For >500, Deduct	*-55.12*	
26 51 19 00-0115	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	406.37	42.02
		For >50 To 100, Deduct	*-11.73*	
		For >100 To 250, Deduct	*-21.89*	
		For >250 To 500, Deduct	*-40.64*	
		For >500, Deduct	*-59.38*	
26 51 19 00-0116		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (LUXADD™)** *(26 51 19 00-0101)*		
26 51 19 00-0117	EA	4,000 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (LUXADD™ ZLP80506023)	534.38	48.95
		For >50 To 100, Deduct	*-15.20*	
		For >100 To 250, Deduct	*-28.56*	
		For >250 To 500, Deduct	*-53.44*	
		For >500, Deduct	*-78.32*	
		For >2,000 To 5,000, Deduct	*-18.43*	
		For >5,000, Deduct	*-32.26*	
26 51 19 00-0118	EA	3,000 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (LUXADD™ ZLP80356021)	510.06	42.02
		For >50 To 100, Deduct	*-14.33*	
		For >100 To 250, Deduct	*-27.08*	
		For >250 To 500, Deduct	*-51.01*	
		For >500, Deduct	*-74.93*	
		For >2,000 To 5,000, Deduct	*-17.88*	
		For >5,000, Deduct	*-31.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0119	EA	4,000 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (LUXADD™ ZLP80506021)	523.87	42.02
		For >50 To 100, Deduct	*-14.67*	
		For >100 To 250, Deduct	*-27.77*	
		For >250 To 500, Deduct	*-52.39*	
		For >500, Deduct	*-77.01*	
		For >2,000 To 5,000, Deduct	*-18.43*	
		For >5,000, Deduct	*-32.26*	
26 51 19 00-0120	EA	5,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (LUXADD™ ZLP80696021)	544.65	42.02
		For >50 To 100, Deduct	*-15.19*	
		For >100 To 250, Deduct	*-28.81*	
		For >250 To 500, Deduct	*-54.47*	
		For >500, Deduct	*-80.12*	
		For >2,000 To 5,000, Deduct	*-19.27*	
		For >5,000, Deduct	*-33.71*	
26 51 19 00-0121	EA	5,600 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (LUXADD™ ZLP80756021)	732.56	48.95
		For >50 To 100, Deduct	*-20.15*	
		For >100 To 250, Deduct	*-38.47*	
		For >250 To 500, Deduct	*-73.26*	
		For >500, Deduct	*-108.05*	
		For >2,000 To 5,000, Deduct	*-26.36*	
		For >5,000, Deduct	*-46.13*	

26 51 19 00-0122 Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

26 51 19 00-0123 Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0122)*

26 51 19 00-0124	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	507.83	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
		For >50 To 100, Deduct	*-14.14*	
		For >100 To 250, Deduct	*-26.84*	
		For >250 To 500, Deduct	*-50.78*	
		For >500, Deduct	*-74.73*	
26 51 19 00-0125	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	688.06	38.13
		For Drywall Or Plaster Ceilings, Add	*26.00*	
		For >50 To 100, Deduct	*-18.65*	
		For >100 To 250, Deduct	*-35.85*	
		For >250 To 500, Deduct	*-68.81*	
		For >500, Deduct	*-101.76*	
26 51 19 00-0126	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	533.28	42.02
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.42*	
		For >50 To 100, Deduct	*-14.91*	
		For >100 To 250, Deduct	*-28.24*	
		For >250 To 500, Deduct	*-53.33*	
		For >500, Deduct	*-78.42*	
26 51 19 00-0127	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	613.28	42.02
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*46.42*	
		For >50 To 100, Deduct	*-16.91*	
		For >100 To 250, Deduct	*-32.24*	
		For >250 To 500, Deduct	*-61.33*	
		For >500, Deduct	*-90.42*	
26 51 19 00-0128	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	677.29	42.02
		For >50 To 100, Deduct	*-18.51*	
		For >100 To 250, Deduct	*-35.44*	
		For >250 To 500, Deduct	*-67.73*	
		For >500, Deduct	*-100.02*	
26 51 19 00-0129	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	687.80	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.77*	
		For >50 To 100, Deduct	*-19.03*	
		For >100 To 250, Deduct	*-36.23*	
		For >250 To 500, Deduct	*-68.78*	
		For >500, Deduct	*-101.33*	
26 51 19 00-0130	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	751.80	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*55.97*	
		For >50 To 100, Deduct	*-20.63*	
		For >100 To 250, Deduct	*-39.43*	
		For >250 To 500, Deduct	*-75.18*	
		For >500, Deduct	*-110.93*	
26 51 19 00-0131	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	815.81	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*59.17*	
		For >50 To 100, Deduct	*-22.23*	
		For >100 To 250, Deduct	*-42.63*	
		For >250 To 500, Deduct	*-81.58*	
		For >500, Deduct	*-120.53*	
26 51 19 00-0132	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	469.29	42.02
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.22*	
		For >50 To 100, Deduct	*-13.31*	
		For >100 To 250, Deduct	*-25.04*	
		For >250 To 500, Deduct	*-46.93*	
		For >500, Deduct	*-68.82*	
26 51 19 00-0133	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	549.28	42.02
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.22*	
		For >50 To 100, Deduct	*-15.31*	
		For >100 To 250, Deduct	*-29.04*	
		For >250 To 500, Deduct	*-54.93*	
		For >500, Deduct	*-80.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0134	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	597.28	42.02
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.62*	
		For >50 To 100, Deduct	*-16.51*	
		For >100 To 250, Deduct	*-31.44*	
		For >250 To 500, Deduct	*-59.73*	
		For >500, Deduct	*-88.02*	
26 51 19 00-0135	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	591.80	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*47.97*	
		For >50 To 100, Deduct	*-16.63*	
		For >100 To 250, Deduct	*-31.43*	
		For >250 To 500, Deduct	*-59.18*	
		For >500, Deduct	*-86.93*	
26 51 19 00-0136	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	623.79	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*49.57*	
		For >50 To 100, Deduct	*-17.43*	
		For >100 To 250, Deduct	*-33.03*	
		For >250 To 500, Deduct	*-62.38*	
		For >500, Deduct	*-91.73*	
26 51 19 00-0137	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	687.80	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.77*	
		For >50 To 100, Deduct	*-19.03*	
		For >100 To 250, Deduct	*-36.23*	
		For >250 To 500, Deduct	*-68.78*	
		For >500, Deduct	*-101.33*	

26 51 19 00-0138 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

26 51 19 00-0139 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0138)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0140	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	375.45	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*37.16*	
		For >50 To 100, Deduct	*-11.22*	
		For >100 To 250, Deduct	*-20.61*	
		For >250 To 500, Deduct	*-37.55*	
		For >500, Deduct	*-54.48*	
26 51 19 00-0141	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	439.74	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*40.37*	
		For >50 To 100, Deduct	*-12.83*	
		For >100 To 250, Deduct	*-23.83*	
		For >250 To 500, Deduct	*-43.97*	
		For >500, Deduct	*-64.12*	
26 51 19 00-0142	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	497.61	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.26*	
		For >50 To 100, Deduct	*-14.28*	
		For >100 To 250, Deduct	*-26.72*	
		For >250 To 500, Deduct	*-49.76*	
		For >500, Deduct	*-72.80*	

26 51 19 00-0143 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0138)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0144	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	481.22	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For Surface Mount, Add	*263.34*	
		For >50 To 100, Deduct	*-13.87*	
		For >100 To 250, Deduct	*-25.90*	
		For >250 To 500, Deduct	*-48.12*	
		For >500, Deduct	*-70.34*	
26 51 19 00-0145	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	520.18	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For Surface Mount, Add	*263.34*	
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-52.02*	
		For >500, Deduct	*-76.19*	
26 51 19 00-0146	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	520.18	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For Surface Mount, Add	*263.34*	
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-52.02*	
		For >500, Deduct	*-76.19*	
26 51 19 00-0147	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	577.70	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For Surface Mount, Add	*263.34*	
		For >50 To 100, Deduct	*-16.28*	
		For >100 To 250, Deduct	*-30.72*	
		For >250 To 500, Deduct	*-57.77*	
		For >500, Deduct	*-84.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0148	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	448.66	42.02
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*126.11*	
		For Surface Mount, Add	*248.24*	
		For >50 To 100, Deduct	*-12.79*	
		For >100 To 250, Deduct	*-24.01*	
		For >250 To 500, Deduct	*-44.87*	
		For >500, Deduct	*-65.72*	
26 51 19 00-0149	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	422.46	42.02
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*126.11*	
		For Surface Mount, Add	*248.24*	
		For >50 To 100, Deduct	*-12.14*	
		For >100 To 250, Deduct	*-22.70*	
		For >250 To 500, Deduct	*-42.25*	
		For >500, Deduct	*-61.79*	
26 51 19 00-0150	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	502.83	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For Surface Mount, Add	*287.46*	
		For >50 To 100, Deduct	*-14.41*	
		For >100 To 250, Deduct	*-26.98*	
		For >250 To 500, Deduct	*-50.28*	
		For >500, Deduct	*-73.59*	
26 51 19 00-0151	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	520.18	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For Surface Mount, Add	*287.46*	
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-52.02*	
		For >500, Deduct	*-76.19*	
26 51 19 00-0152	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	520.18	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For Surface Mount, Add	*287.46*	
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-27.85*	
		For >250 To 500, Deduct	*-52.02*	
		For >500, Deduct	*-76.19*	
26 51 19 00-0153	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	666.76	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For Surface Mount, Add	*287.46*	
		For >50 To 100, Deduct	*-18.51*	
		For >100 To 250, Deduct	*-35.18*	
		For >250 To 500, Deduct	*-66.68*	
		For >500, Deduct	*-98.18*	
26 51 19 00-0154	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	577.70	48.95
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For Surface Mount, Add	*287.46*	
		For >50 To 100, Deduct	*-16.28*	
		For >100 To 250, Deduct	*-30.72*	
		For >250 To 500, Deduct	*-57.77*	
		For >500, Deduct	*-84.82*	

26 51 19 00-0155 Architectural, Lay-In/Troffer LED Fixtures (CREE® ZR Series) *(26 51 19 00-0138)*

Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0156	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR14-40L-35K-10V)	311.47	49.37
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For >50 To 100, Deduct	*-9.63*	
		For >100 To 250, Deduct	*-17.41*	
		For >250 To 500, Deduct	*-31.15*	
		For >500, Deduct	*-44.88*	
		For Surface Mount, Add	*200.26*	
26 51 19 00-0157	EA	2' x 2', 3,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-40L-35K-10V)	279.12	42.02
		For Drywall Or Plaster Ceilings, Add	*126.11*	
		For >50 To 100, Deduct	*-8.55*	
		For >100 To 250, Deduct	*-15.53*	
		For >250 To 500, Deduct	*-27.91*	
		For >500, Deduct	*-40.29*	
		For Surface Mount, Add	*187.24*	
26 51 19 00-0158	EA	2' x 2', 3,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-32LHE-35K-10V)	933.99	42.02
		For Drywall Or Plaster Ceilings, Add	*126.11*	
		For >50 To 100, Deduct	*-24.93*	
		For >100 To 250, Deduct	*-48.28*	
		For >250 To 500, Deduct	*-93.40*	
		For >500, Deduct	*-138.52*	
		For Surface Mount, Add	*187.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0159	EA	2' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-40L-35K-10V)	322.38	49.37
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 250, Deduct	*-17.96*	
		For >250 To 500, Deduct	*-32.24*	
		For >500, Deduct	*-46.52*	
		For Surface Mount, Add	*222.08*	
26 51 19 00-0160	EA	2' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-32LHE-35K-10V)	1,162.79	49.37
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For >50 To 100, Deduct	*-30.91*	
		For >100 To 250, Deduct	*-59.98*	
		For >250 To 500, Deduct	*-116.28*	
		For >500, Deduct	*-172.58*	
		For Surface Mount, Add	*222.08*	
26 51 19 00-0161	EA	2' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-50L-40K-10V-FD)	346.39	49.37
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For >50 To 100, Deduct	*-10.50*	
		For >100 To 250, Deduct	*-19.16*	
		For >250 To 500, Deduct	*-34.64*	
		For >500, Deduct	*-50.12*	
		For Surface Mount, Add	*222.08*	
26 51 19 00-0162	EA	1' x 4', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR14-40L-35K-CMA)	398.77	49.37
		For Drywall Or Plaster Ceilings, Add	*144.04*	
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.78*	
		For >250 To 500, Deduct	*-39.88*	
		For >500, Deduct	*-57.98*	
		For Surface Mount, Add	*200.26*	
26 51 19 00-0163	EA	2' x 2', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-32L-35K-CMA)	366.44	42.02
		For Drywall Or Plaster Ceilings, Add	*126.11*	
		For >50 To 100, Deduct	*-10.74*	
		For >100 To 250, Deduct	*-19.90*	
		For >250 To 500, Deduct	*-36.64*	
		For >500, Deduct	*-53.39*	
		For Surface Mount, Add	*187.24*	
26 51 19 00-0164	EA	2' x 4', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-40L-35K-CMA)	409.70	49.37
		For Drywall Or Plaster Ceilings, Add	*147.75*	
		For >50 To 100, Deduct	*-12.08*	
		For >100 To 250, Deduct	*-22.32*	
		For >250 To 500, Deduct	*-40.97*	
		For >500, Deduct	*-59.62*	
		For Surface Mount, Add	*222.08*	

26 51 19 00-0165 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0138)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0166	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	269.00	42.02
		For >50 To 100, Deduct	*-8.30*	
		For >100 To 250, Deduct	*-15.03*	
		For >250 To 500, Deduct	*-26.90*	
		For >500, Deduct	*-38.77*	
26 51 19 00-0167	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	357.24	48.95
		For >50 To 100, Deduct	*-10.77*	
		For >100 To 250, Deduct	*-19.70*	
		For >250 To 500, Deduct	*-35.72*	
		For >500, Deduct	*-51.75*	

26 51 19 00-0168 Architectural, Lay-In/Troffer LED Fixtures (Orion) *(26 51 19 00-0138)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0169	EA	2' x 2', 3,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-035L-L-UNV-FDX-840-22-1P-CT-M-LF)	329.00	42.02
		For >50 To 100, Deduct	*-9.80*	
		For >100 To 250, Deduct	*-18.03*	
		For >250 To 500, Deduct	*-32.90*	
		For >500, Deduct	*-47.77*	
26 51 19 00-0170	EA	2' x 2', 4,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-041L-L-UNV-FDX-840-22-1P-CT-M-LF)	341.20	42.02
		For >50 To 100, Deduct	*-10.11*	
		For >100 To 250, Deduct	*-18.64*	
		For >250 To 500, Deduct	*-34.12*	
		For >500, Deduct	*-49.60*	
26 51 19 00-0171	EA	2' x 4', 3,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-035L-L-UNV-FDX-840-24-1P-CT-M-LF)	355.36	49.37
		For >50 To 100, Deduct	*-10.72*	
		For >100 To 250, Deduct	*-19.61*	
		For >250 To 500, Deduct	*-35.54*	
		For >500, Deduct	*-51.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0172	EA	2' x 4', 4,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-041L-L-UNV-FDX-840-24-1P-CT-M-LF)	367.56	49.37
		For >50 To 100, Deduct	*-11.03*	
		For >100 To 250, Deduct	*-20.22*	
		For >250 To 500, Deduct	*-36.76*	
		For >500, Deduct	*-53.30*	

26 51 19 00-0173 Architectural, Lay-In/Troffer LED Fixtures (Everlast) *(26 51 19 00-0138)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0174	EA	2' x 2', 4,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Everlast EL-LED-MQ)	441.36	42.02
		For >50 To 100, Deduct	*-12.61*	
		For >100 To 250, Deduct	*-23.64*	
		For >250 To 500, Deduct	*-44.14*	
		For >500, Deduct	*-64.63*	
26 51 19 00-0175	EA	2' x 4', 10,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Everlast EL-LED-MQ)	740.55	49.37
		For >50 To 100, Deduct	*-20.35*	
		For >100 To 250, Deduct	*-38.87*	
		For >250 To 500, Deduct	*-74.06*	
		For >500, Deduct	*-109.24*	

26 51 19 00-0176 Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0138)*

Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0177	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	402.59	42.02
		For >50 To 100, Deduct	*-11.64*	
		For >100 To 250, Deduct	*-21.71*	
		For >250 To 500, Deduct	*-40.26*	
		For >500, Deduct	*-58.81*	
26 51 19 00-0178	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	547.29	49.37
		For >50 To 100, Deduct	*-15.52*	
		For >100 To 250, Deduct	*-29.20*	
		For >250 To 500, Deduct	*-54.73*	
		For >500, Deduct	*-80.26*	

26 51 19 00-0179 Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

26 51 19 00-0180 Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0179)*

26 51 19 00-0181	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	644.23	42.02
		For Drywall Or Plaster Ceilings, Add	*28.36*	
		For >50 To 100, Deduct	*-17.68*	
		For >100 To 250, Deduct	*-33.79*	
		For >250 To 500, Deduct	*-64.42*	
		For >500, Deduct	*-95.06*	
26 51 19 00-0182	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	880.51	48.95
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*62.41*	
		For >50 To 100, Deduct	*-23.85*	
		For >100 To 250, Deduct	*-45.86*	
		For >250 To 500, Deduct	*-88.05*	
		For >500, Deduct	*-130.24*	

26 51 19 00-0183 Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

26 51 19 00-0184 Panel Type, Lay-In/Troffer LED Fixtures (CREE® FP Series) *(26 51 19 00-0183)*

26 51 19 00-0185	EA	4,000 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP14-40L-35K-10V)	340.72	49.37
		For >50 To 100, Deduct	*-10.36*	
		For >100 To 250, Deduct	*-18.87*	
		For >250 To 500, Deduct	*-34.07*	
		For >500, Deduct	*-49.27*	
26 51 19 00-0186	EA	4,000 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP14-40L-35K-10V-EB14)	889.93	49.37
		For >50 To 100, Deduct	*-24.09*	
		For >100 To 250, Deduct	*-46.33*	
		For >250 To 500, Deduct	*-88.99*	
		For >500, Deduct	*-131.65*	
26 51 19 00-0187	EA	3,400 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP22-34L-35K-10V)	257.84	42.02
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 250, Deduct	*-14.47*	
		For >250 To 500, Deduct	*-25.78*	
		For >500, Deduct	*-37.10*	
26 51 19 00-0188	EA	5,000 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP22-50L-35K-10V)	298.66	42.02
		For >50 To 100, Deduct	*-9.04*	
		For >100 To 250, Deduct	*-16.51*	
		For >250 To 500, Deduct	*-29.87*	
		For >500, Deduct	*-43.22*	
26 51 19 00-0189	EA	3,400 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP22-34L-35K-10V-EB14)	813.52	49.37
		For >50 To 100, Deduct	*-22.18*	
		For >100 To 250, Deduct	*-42.51*	
		For >250 To 500, Deduct	*-81.35*	
		For >500, Deduct	*-120.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0190	EA	5,000 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP22-50L-35K-10V-EB14)	857.18	49.37
		For >50 To 100, Deduct	*-23.27*	
		For >100 To 250, Deduct	*-44.70*	
		For >250 To 500, Deduct	*-85.72*	
		For >500, Deduct	*-126.74*	
26 51 19 00-0191	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP24-40L-35K-10V)	361.13	49.37
		For >50 To 100, Deduct	*-10.87*	
		For >100 To 250, Deduct	*-19.89*	
		For >250 To 500, Deduct	*-36.11*	
		For >500, Deduct	*-52.33*	
26 51 19 00-0192	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP24-50L-35K-10V)	394.52	49.37
		For >50 To 100, Deduct	*-11.70*	
		For >100 To 250, Deduct	*-21.56*	
		For >250 To 500, Deduct	*-39.45*	
		For >500, Deduct	*-57.34*	
26 51 19 00-0193	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP24-40L-35K-10V-EB14)	911.75	49.37
		For >50 To 100, Deduct	*-24.63*	
		For >100 To 250, Deduct	*-47.43*	
		For >250 To 500, Deduct	*-91.18*	
		For >500, Deduct	*-134.92*	
26 51 19 00-0194	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP24-50L-35K-10V-EB14)	946.69	49.37
		For >50 To 100, Deduct	*-25.51*	
		For >100 To 250, Deduct	*-49.17*	
		For >250 To 500, Deduct	*-94.67*	
		For >500, Deduct	*-140.17*	

26 51 19 00-0195 Panel Type, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0183)*

26 51 19 00-0196	EA	2' x 4', 4000/5000/6000 Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 35K M2)	267.67	48.95
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 250, Deduct	*-15.22*	
		For >250 To 500, Deduct	*-26.77*	
		For >500, Deduct	*-38.31*	
26 51 19 00-0197	EA	2' x 4', 4000/5000/6000 Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 40K M2)	267.67	48.95
		For >50 To 100, Deduct	*-8.53*	
		For >100 To 250, Deduct	*-15.22*	
		For >250 To 500, Deduct	*-26.77*	
		For >500, Deduct	*-38.31*	
26 51 19 00-0198	EA	2' x 2', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 35K M4)	214.64	48.95
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 250, Deduct	*-12.57*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.36*	
26 51 19 00-0199	EA	2' x 2', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 40K M4)	214.64	48.95
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 250, Deduct	*-12.57*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.36*	
26 51 19 00-0200	EA	1' x 4', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 35K M4)	237.88	48.95
		For >50 To 100, Deduct	*-7.79*	
		For >100 To 250, Deduct	*-13.73*	
		For >250 To 500, Deduct	*-23.79*	
		For >500, Deduct	*-33.84*	
26 51 19 00-0201	EA	1' x 4', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 40K M4)	237.88	48.95
		For >50 To 100, Deduct	*-7.79*	
		For >100 To 250, Deduct	*-13.73*	
		For >250 To 500, Deduct	*-23.79*	
		For >500, Deduct	*-33.84*	

26 51 19 00-0202 Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0183)*

26 51 19 00-0203	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	436.07	48.95
		For >50 To 100, Deduct	*-12.74*	
		For >100 To 250, Deduct	*-23.64*	
		For >250 To 500, Deduct	*-43.61*	
		For >500, Deduct	*-63.57*	
26 51 19 00-0204	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	453.43	48.95
		For >50 To 100, Deduct	*-13.17*	
		For >100 To 250, Deduct	*-24.51*	
		For >250 To 500, Deduct	*-45.34*	
		For >500, Deduct	*-66.18*	
26 51 19 00-0205	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	568.49	48.95
		For >50 To 100, Deduct	*-16.05*	
		For >100 To 250, Deduct	*-30.26*	
		For >250 To 500, Deduct	*-56.85*	
		For >500, Deduct	*-83.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0206	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	568.49	48.95
		For >50 To 100, Deduct	*-16.05*	
		For >100 To 250, Deduct	*-30.26*	
		For >250 To 500, Deduct	*-56.85*	
		For >500, Deduct	*-83.44*	

26 51 19 00-0207 Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0183)*

26 51 19 00-0208	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	226.11	48.95
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*57.00*	
		For >50 To 100, Deduct	*-7.49*	
		For >100 To 250, Deduct	*-13.14*	
		For >250 To 500, Deduct	*-22.61*	
		For >500, Deduct	*-32.08*	
26 51 19 00-0209	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	233.55	48.95
		For >50 To 100, Deduct	*-7.68*	
		For >100 To 250, Deduct	*-13.52*	
		For >250 To 500, Deduct	*-23.36*	
		For >500, Deduct	*-33.19*	
26 51 19 00-0210	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	236.95	48.95
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*71.25*	
		For >50 To 100, Deduct	*-7.76*	
		For >100 To 250, Deduct	*-13.69*	
		For >250 To 500, Deduct	*-23.70*	
		For >500, Deduct	*-33.70*	
26 51 19 00-0211	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	558.04	48.95
		For >50 To 100, Deduct	*-15.79*	
		For >100 To 250, Deduct	*-29.74*	
		For >250 To 500, Deduct	*-55.80*	
		For >500, Deduct	*-81.87*	

26 51 19 00-0212 Surface Mount LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0213 Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0212)*

26 51 19 00-0214	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	329.90	31.51
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-17.68*	
		For >250 To 500, Deduct	*-32.99*	
		For >500, Deduct	*-48.30*	
26 51 19 00-0215	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	296.87	38.44
		For >50 To 100, Deduct	*-8.87*	
		For >100 To 250, Deduct	*-16.29*	
		For >250 To 500, Deduct	*-29.69*	
		For >500, Deduct	*-43.09*	
26 51 19 00-0216	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	333.64	38.44
		For >50 To 100, Deduct	*-9.79*	
		For >100 To 250, Deduct	*-18.13*	
		For >250 To 500, Deduct	*-33.36*	
		For >500, Deduct	*-48.60*	

26 51 19 00-0217 Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0212)*

26 51 19 00-0218	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	276.67	31.51
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 250, Deduct	*-15.02*	
		For >250 To 500, Deduct	*-27.67*	
		For >500, Deduct	*-40.32*	
26 51 19 00-0219	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	364.06	38.44
		For >50 To 100, Deduct	*-10.55*	
		For >100 To 250, Deduct	*-19.65*	
		For >250 To 500, Deduct	*-36.41*	
		For >500, Deduct	*-53.16*	

26 51 19 00-0220 Surface Mount, Shadow Box Style LED Fixtures *(26 51 19 00-0212)*

26 51 19 00-0221 Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 19 00-0220)*

26 51 19 00-0222	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	828.75	42.02
		For >50 To 100, Deduct	*-22.29*	
		For >100 To 250, Deduct	*-43.01*	
		For >250 To 500, Deduct	*-82.88*	
		For >500, Deduct	*-122.74*	
26 51 19 00-0223	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	1,065.03	48.95
		For >50 To 100, Deduct	*-28.46*	
		For >100 To 250, Deduct	*-55.09*	
		For >250 To 500, Deduct	*-106.50*	
		For >500, Deduct	*-157.92*	

26 51 19 00-0224 Surface Mount, Low Profile Fixtures *(26 51 19 00-0212)*

26 51 19 00-0225	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	104.69	28.81
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 250, Deduct	*-6.68*	
		For >250 To 500, Deduct	*-10.47*	
		For >500, Deduct	*-14.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0226	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	84.26	28.81
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-8.43*	
		For >500, Deduct	*-11.20*	
26 51 19 00-0227	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	147.58	28.81
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.82*	
		For >250 To 500, Deduct	*-14.76*	
		For >500, Deduct	*-20.70*	
26 51 19 00-0228	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	180.27	28.81
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-10.45*	
		For >250 To 500, Deduct	*-18.03*	
		For >500, Deduct	*-25.60*	

26 51 19 00-0229 Surface Mount, LED Disc Light Fixtures *(26 51 19 00-0212)*

26 51 19 00-0230	EA	Surface Frame Octagonal Junction Box, EM Driver, 1-10V Dimming, 1,500 Lumens (DMF DRDH-N-JO-150SEMS)	83.48	28.81
		For >50 To 100, Deduct	*-3.53*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-8.35*	
		For >500, Deduct	*-11.08*	
26 51 19 00-0231	EA	8" Round, 1,500 Lumens, 17 Watt, 3500K, 120 Volt, 0-10V Dimming, Surface Mounted Disc Light Fixture (DMF DRD5S-8-R-15-9-35-O)	159.87	28.81
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-9.43*	
		For >250 To 500, Deduct	*-15.99*	
		For >500, Deduct	*-22.54*	
26 51 19 00-0232	EA	8" Round, 1,500 Lumens, 17 Watt, 3500K, 120 Volt, 0-10V Dimming, Surface Mounted Disc Light Fixture With Emergencey Battery (DMF DRD5S-8-R-15-9-35-O-A-EM)	195.65	28.81
		For >50 To 100, Deduct	*-6.33*	
		For >100 To 250, Deduct	*-11.22*	
		For >250 To 500, Deduct	*-19.57*	
		For >500, Deduct	*-27.91*	

26 51 19 00-0233 Recessed LED Downlights *(26 51 19 00-0001)*

26 51 19 00-0234 Recessed LED Downlights *(26 51 19 00-0233)*

26 51 19 00-0235 Recessed LED Downlights (Lithonia) *(26 51 19 00-0234)*

Note: Includes housing and trim.

26 51 19 00-0236	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	375.22	50.58
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*78.28*	
		For >50 To 100, Deduct	*-11.28*	
		For >100 To 250, Deduct	*-20.66*	
		For >250 To 500, Deduct	*-37.52*	
		For >500, Deduct	*-54.39*	
26 51 19 00-0237	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	407.37	50.58
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*78.28*	
		For >50 To 100, Deduct	*-12.08*	
		For >100 To 250, Deduct	*-22.27*	
		For >250 To 500, Deduct	*-40.74*	
		For >500, Deduct	*-59.21*	

26 51 19 00-0238 Recessed LED Downlights (Portfolio®) *(26 51 19 00-0234)*

Note: Includes housing and trim.

26 51 19 00-0239	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	238.49	50.58
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 250, Deduct	*-13.82*	
		For >250 To 500, Deduct	*-23.85*	
		For >500, Deduct	*-33.88*	

26 51 19 00-0240 Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0234)*

Note: Includes housing and trim.

26 51 19 00-0241	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	307.20	50.58
		For >50 To 100, Deduct	*-9.58*	
		For >100 To 250, Deduct	*-17.26*	
		For >250 To 500, Deduct	*-30.72*	
		For >500, Deduct	*-44.18*	
26 51 19 00-0242	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	317.09	50.58
		For >50 To 100, Deduct	*-9.82*	
		For >100 To 250, Deduct	*-17.75*	
		For >250 To 500, Deduct	*-31.71*	
		For >500, Deduct	*-45.67*	
26 51 19 00-0243	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	357.67	50.58
		For >50 To 100, Deduct	*-10.84*	
		For >100 To 250, Deduct	*-19.78*	
		For >250 To 500, Deduct	*-35.77*	
		For >500, Deduct	*-51.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0244	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	361.64	50.58
		For >50 To 100, Deduct	*-10.94*	
		For >100 To 250, Deduct	*-19.98*	
		For >250 To 500, Deduct	*-36.16*	
		For >500, Deduct	*-52.35*	
26 51 19 00-0245	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	396.27	50.58
		For >50 To 100, Deduct	*-11.80*	
		For >100 To 250, Deduct	*-21.71*	
		For >250 To 500, Deduct	*-39.63*	
		For >500, Deduct	*-57.54*	

26 51 19 00-0246 Recessed LED Downlights (Lightolier) *(26 51 19 00-0234)*

Note: Includes housing and trim.

26 51 19 00-0247	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	616.45	50.58
		For >50 To 100, Deduct	*-17.31*	
		For >100 To 250, Deduct	*-32.72*	
		For >250 To 500, Deduct	*-61.65*	
		For >500, Deduct	*-90.57*	
26 51 19 00-0248	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	724.84	50.58
		For >50 To 100, Deduct	*-20.02*	
		For >100 To 250, Deduct	*-38.14*	
		For >250 To 500, Deduct	*-72.48*	
		For >500, Deduct	*-106.83*	
26 51 19 00-0249	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	778.92	50.58
		For >50 To 100, Deduct	*-21.37*	
		For >100 To 250, Deduct	*-40.84*	
		For >250 To 500, Deduct	*-77.89*	
		For >500, Deduct	*-114.94*	
26 51 19 00-0250	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	778.92	50.58
		For >50 To 100, Deduct	*-21.37*	
		For >100 To 250, Deduct	*-40.84*	
		For >250 To 500, Deduct	*-77.89*	
		For >500, Deduct	*-114.94*	
26 51 19 00-0251	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	806.08	50.58
		For >50 To 100, Deduct	*-22.05*	
		For >100 To 250, Deduct	*-42.20*	
		For >250 To 500, Deduct	*-80.61*	
		For >500, Deduct	*-119.02*	
26 51 19 00-0252	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	833.26	50.58
		For >50 To 100, Deduct	*-22.73*	
		For >100 To 250, Deduct	*-43.56*	
		For >250 To 500, Deduct	*-83.33*	
		For >500, Deduct	*-123.09*	

26 51 19 00-0253 Recessed LED Downlights (Cooper) *(26 51 19 00-0234)*

26 51 19 00-0254	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	147.78	50.58
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.29*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-20.27*	
26 51 19 00-0255	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	147.78	50.58
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.29*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-20.27*	
26 51 19 00-0256	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	147.78	50.58
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.29*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-20.27*	
26 51 19 00-0257	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	147.78	50.58
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 250, Deduct	*-9.29*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-20.27*	
26 51 19 00-0258	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	150.46	50.58
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 250, Deduct	*-9.42*	
		For >250 To 500, Deduct	*-15.05*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0259	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	150.46	50.58
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 250, Deduct	*-9.42*	
		For >250 To 500, Deduct	*-15.05*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0260	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	150.46	50.58
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 250, Deduct	*-9.42*	
		For >250 To 500, Deduct	*-15.05*	
		For >500, Deduct	*-20.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0261	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	150.46	50.58
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 250, Deduct	*-9.42*	
		For >250 To 500, Deduct	*-15.05*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0262	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	186.77	50.58
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.24*	
		For >250 To 500, Deduct	*-18.68*	
		For >500, Deduct	*-26.12*	
26 51 19 00-0263	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	184.93	50.58
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 250, Deduct	*-11.14*	
		For >250 To 500, Deduct	*-18.49*	
		For >500, Deduct	*-25.84*	
26 51 19 00-0264	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	184.93	50.58
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 250, Deduct	*-11.14*	
		For >250 To 500, Deduct	*-18.49*	
		For >500, Deduct	*-25.84*	
26 51 19 00-0265	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	184.93	50.58
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 250, Deduct	*-11.14*	
		For >250 To 500, Deduct	*-18.49*	
		For >500, Deduct	*-25.84*	
26 51 19 00-0266	EA	5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	88.75	16.10
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-5.04*	
		For >250 To 500, Deduct	*-8.88*	
		For >500, Deduct	*-12.71*	
26 51 19 00-0267	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	55.52	16.10
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.55*	
		For >500, Deduct	*-7.72*	
26 51 19 00-0268	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	69.82	16.10
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.98*	
		For >500, Deduct	*-9.87*	
26 51 19 00-0269	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	58.40	16.10
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-5.84*	
		For >500, Deduct	*-8.16*	
26 51 19 00-0270	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	46.71	16.10
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-4.67*	
		For >500, Deduct	*-6.40*	
26 51 19 00-0271	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	57.88	16.10
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-5.79*	
		For >500, Deduct	*-8.08*	
26 51 19 00-0272	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	64.68	16.10
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-3.84*	
		For >250 To 500, Deduct	*-6.47*	
		For >500, Deduct	*-9.10*	
26 51 19 00-0273	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	70.75	16.10
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.14*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-10.01*	
26 51 19 00-0274	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	82.59	16.10
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-8.26*	
		For >500, Deduct	*-11.79*	
26 51 19 00-0275	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	82.97	16.10
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-8.30*	
		For >500, Deduct	*-11.84*	
26 51 19 00-0276	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	81.27	16.10
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-8.13*	
		For >500, Deduct	*-11.59*	
26 51 19 00-0277	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	100.70	16.10
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-5.64*	
		For >250 To 500, Deduct	*-10.07*	
		For >500, Deduct	*-14.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0278	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	47.12	16.10
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-4.71*	
		For >500, Deduct	*-6.46*	
26 51 19 00-0279	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	85.91	16.10
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-4.90*	
		For >250 To 500, Deduct	*-8.59*	
		For >500, Deduct	*-12.28*	
26 51 19 00-0280	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	72.83	16.10
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.28*	
		For >500, Deduct	*-10.32*	
26 51 19 00-0281	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	68.24	16.10
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-6.82*	
		For >500, Deduct	*-9.63*	
26 51 19 00-0282	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	60.68	16.10
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-3.64*	
		For >250 To 500, Deduct	*-6.07*	
		For >500, Deduct	*-8.50*	
26 51 19 00-0283	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	61.22	16.10
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-3.66*	
		For >250 To 500, Deduct	*-6.12*	
		For >500, Deduct	*-8.58*	
26 51 19 00-0284	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	66.08	16.10
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.91*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.31*	
26 51 19 00-0285	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	60.38	16.10
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.04*	
		For >500, Deduct	*-8.45*	
26 51 19 00-0286	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	75.86	16.10
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 250, Deduct	*-4.40*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.78*	
26 51 19 00-0287	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	82.39	16.10
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 250, Deduct	*-4.72*	
		For >250 To 500, Deduct	*-8.24*	
		For >500, Deduct	*-11.76*	
26 51 19 00-0288	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	104.10	16.10
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-5.81*	
		For >250 To 500, Deduct	*-10.41*	
		For >500, Deduct	*-15.01*	
26 51 19 00-0289	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	101.38	16.10
		For >50 To 100, Deduct	*-3.14*	
		For >100 To 250, Deduct	*-5.67*	
		For >250 To 500, Deduct	*-10.14*	
		For >500, Deduct	*-14.60*	
26 51 19 00-0290	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	102.58	16.10
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-10.26*	
		For >500, Deduct	*-14.78*	
26 51 19 00-0291	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	61.88	16.10
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.68*	
26 51 19 00-0292	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	57.57	34.49
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 500, Deduct	*-5.76*	
		For >500, Deduct	*-7.34*	
26 51 19 00-0293	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	62.88	34.49
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.14*	
26 51 19 00-0294	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	60.75	34.49
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-4.33*	
		For >250 To 500, Deduct	*-6.08*	
		For >500, Deduct	*-7.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0295	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	81.70	34.49
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-5.38*	
		For >250 To 500, Deduct	*-8.17*	
		For >500, Deduct	*-10.96*	
26 51 19 00-0296	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	79.24	34.49
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-10.59*	
26 51 19 00-0297	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	63.61	34.49
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-6.36*	
		For >500, Deduct	*-8.25*	
26 51 19 00-0298	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	67.19	34.49
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-6.72*	
		For >500, Deduct	*-8.79*	
26 51 19 00-0299	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	62.86	34.49
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.14*	
26 51 19 00-0300	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	66.78	34.49
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-6.68*	
		For >500, Deduct	*-8.72*	
26 51 19 00-0301	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	63.51	34.49
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-8.23*	
26 51 19 00-0302	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	63.14	34.49
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.45*	
		For >250 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-8.18*	
26 51 19 00-0303	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	65.97	34.49
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-6.60*	
		For >500, Deduct	*-8.60*	
26 51 19 00-0304	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	67.51	34.49
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-6.75*	
		For >500, Deduct	*-8.83*	
26 51 19 00-0305	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	68.00	34.49
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-6.80*	
		For >500, Deduct	*-8.91*	
26 51 19 00-0306	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	91.73	34.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.88*	
		For >250 To 500, Deduct	*-9.17*	
		For >500, Deduct	*-12.47*	
26 51 19 00-0307	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	85.77	34.49
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-5.58*	
		For >250 To 500, Deduct	*-8.58*	
		For >500, Deduct	*-11.57*	
26 51 19 00-0308	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	86.46	34.49
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-5.62*	
		For >250 To 500, Deduct	*-8.65*	
		For >500, Deduct	*-11.68*	
26 51 19 00-0309	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	90.44	34.49
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0310	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	90.44	34.49
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0311	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	90.44	34.49
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.27*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0312	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	90.44	34.49
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0313	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	90.44	34.49
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.04*	
		For >500, Deduct	*-12.27*	
26 51 19 00-0314	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	80.03	34.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-10.71*	
26 51 19 00-0315	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	80.03	34.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-10.71*	
26 51 19 00-0316	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	80.03	34.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-10.71*	
26 51 19 00-0317	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	80.03	34.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-10.71*	
26 51 19 00-0318	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	80.03	34.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-10.71*	
26 51 19 00-0319	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	80.79	34.49
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-8.08*	
		For >500, Deduct	*-10.83*	
26 51 19 00-0320	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	92.49	34.49
		For >50 To 100, Deduct	*-3.61*	
		For >100 To 250, Deduct	*-5.92*	
		For >250 To 500, Deduct	*-9.25*	
		For >500, Deduct	*-12.58*	
26 51 19 00-0321	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	80.79	34.49
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-8.08*	
		For >500, Deduct	*-10.83*	
26 51 19 00-0322	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	89.18	34.49
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-5.75*	
		For >250 To 500, Deduct	*-8.92*	
		For >500, Deduct	*-12.08*	
26 51 19 00-0323	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	76.05	34.49
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-7.61*	
		For >500, Deduct	*-10.11*	
26 51 19 00-0324	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	77.20	34.49
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 250, Deduct	*-5.15*	
		For >250 To 500, Deduct	*-7.72*	
		For >500, Deduct	*-10.29*	
26 51 19 00-0325	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	85.38	34.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0326	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	85.38	34.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0327	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	85.38	34.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0328	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	85.38	34.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0329	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	85.38	34.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0330	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	70.51	16.10
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-7.05*	
		For >500, Deduct	*-9.97*	
26 51 19 00-0331	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	72.89	16.10
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.29*	
		For >500, Deduct	*-10.33*	
26 51 19 00-0332	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	70.87	34.49
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-4.84*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-9.34*	
26 51 19 00-0333	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	71.16	34.49
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-7.12*	
		For >500, Deduct	*-9.38*	
26 51 19 00-0334	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	66.22	34.49
		For >50 To 100, Deduct	*-2.95*	
		For >100 To 250, Deduct	*-4.60*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-8.64*	
26 51 19 00-0335	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	68.65	34.49
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-6.87*	
		For >500, Deduct	*-9.00*	
26 51 19 00-0336	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	67.85	34.49
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-6.79*	
		For >500, Deduct	*-8.88*	
26 51 19 00-0337	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	68.59	34.49
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.72*	
		For >250 To 500, Deduct	*-6.86*	
		For >500, Deduct	*-9.00*	
26 51 19 00-0338	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	78.99	34.49
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-10.56*	
26 51 19 00-0339	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	79.55	34.49
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.96*	
		For >500, Deduct	*-10.64*	
26 51 19 00-0340	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	82.35	34.49
		For >50 To 100, Deduct	*-3.35*	
		For >100 To 250, Deduct	*-5.41*	
		For >250 To 500, Deduct	*-8.24*	
		For >500, Deduct	*-11.06*	
26 51 19 00-0341	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	84.31	34.49
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-5.51*	
		For >250 To 500, Deduct	*-8.43*	
		For >500, Deduct	*-11.35*	
26 51 19 00-0342	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	92.92	34.49
		For >50 To 100, Deduct	*-3.62*	
		For >100 To 250, Deduct	*-5.94*	
		For >250 To 500, Deduct	*-9.29*	
		For >500, Deduct	*-12.64*	

26 51 19 00-0343 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0234)*

26 51 19 00-0344	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	174.36	50.58
		For >50 To 100, Deduct	*-6.26*	
		For >100 To 250, Deduct	*-10.61*	
		For >250 To 500, Deduct	*-17.44*	
		For >500, Deduct	*-24.26*	
26 51 19 00-0345	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	176.89	50.58
		For >50 To 100, Deduct	*-6.32*	
		For >100 To 250, Deduct	*-10.74*	
		For >250 To 500, Deduct	*-17.69*	
		For >500, Deduct	*-24.64*	
26 51 19 00-0346	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	184.47	50.58
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.12*	
		For >250 To 500, Deduct	*-18.45*	
		For >500, Deduct	*-25.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0347	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	169.30	50.58
		For >50 To 100, Deduct	*-6.13*	
		For >100 To 250, Deduct	*-10.36*	
		For >250 To 500, Deduct	*-16.93*	
		For >500, Deduct	*-23.50*	
26 51 19 00-0348	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	169.30	50.58
		For >50 To 100, Deduct	*-6.13*	
		For >100 To 250, Deduct	*-10.36*	
		For >250 To 500, Deduct	*-16.93*	
		For >500, Deduct	*-23.50*	
26 51 19 00-0349	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	169.30	50.58
		For >50 To 100, Deduct	*-6.13*	
		For >100 To 250, Deduct	*-10.36*	
		For >250 To 500, Deduct	*-16.93*	
		For >500, Deduct	*-23.50*	
26 51 19 00-0350	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	184.47	50.58
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.12*	
		For >250 To 500, Deduct	*-18.45*	
		For >500, Deduct	*-25.77*	
26 51 19 00-0351	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	186.99	50.58
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.25*	
		For >250 To 500, Deduct	*-18.70*	
		For >500, Deduct	*-26.15*	
26 51 19 00-0352	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	192.03	50.58
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.50*	
		For >250 To 500, Deduct	*-19.20*	
		For >500, Deduct	*-26.91*	
26 51 19 00-0353	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	207.18	50.58
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-12.26*	
		For >250 To 500, Deduct	*-20.72*	
		For >500, Deduct	*-29.18*	
26 51 19 00-0354	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	227.39	50.58
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 250, Deduct	*-13.27*	
		For >250 To 500, Deduct	*-22.74*	
		For >500, Deduct	*-32.21*	

26 51 19 00-0355 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0233)*

26 51 19 00-0356 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0355)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

26 51 19 00-0357	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	109.51	
		For >50 To 100, Deduct	*-3.46*	
		For >100 To 250, Deduct	*-6.19*	
		For >250 To 500, Deduct	*-10.95*	
		For >500, Deduct	*-15.71*	
26 51 19 00-0358	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	96.41	
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.74*	
26 51 19 00-0359	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	122.61	
		For >50 To 100, Deduct	*-3.78*	
		For >100 To 250, Deduct	*-6.85*	
		For >250 To 500, Deduct	*-12.26*	
		For >500, Deduct	*-17.67*	
26 51 19 00-0360	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	137.88	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 250, Deduct	*-7.61*	
		For >250 To 500, Deduct	*-13.79*	
		For >500, Deduct	*-19.96*	
26 51 19 00-0361	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	150.98	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 250, Deduct	*-8.27*	
		For >250 To 500, Deduct	*-15.10*	
		For >500, Deduct	*-21.93*	

26 51 19 00-0362 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0355)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

26 51 19 00-0363	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	39.06	8.05
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-3.91*	
		For >500, Deduct	*-5.43*	
26 51 19 00-0364	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	47.80	8.05
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.78*	
		For >500, Deduct	*-6.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0365	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	41.25	8.05
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.13*	
		For >500, Deduct	*-5.76*	
26 51 19 00-0366		**Recessed LED Downlight Fixture Housings (CREE®)** *(26 51 19 00-0355)*		
		Note: Excludes lamp and trim.		
26 51 19 00-0367	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	104.13	34.49
		For >50 To 100, Deduct	*-3.90*	
		For >100 To 250, Deduct	*-6.50*	
		For >250 To 500, Deduct	*-10.41*	
		For >500, Deduct	*-14.33*	
26 51 19 00-0368	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	73.55	34.49
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-4.97*	
		For >250 To 500, Deduct	*-7.36*	
		For >500, Deduct	*-9.74*	
26 51 19 00-0369		**Can Retrofit Or Surface Mount, LED Downlights** *(26 51 19 00-0233)*		
26 51 19 00-0370	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	95.61	31.51
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-5.96*	
		For >250 To 500, Deduct	*-9.56*	
		For >500, Deduct	*-13.16*	
26 51 19 00-0371	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	76.82	31.51
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.34*	
26 51 19 00-0372	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	76.82	31.51
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.34*	
26 51 19 00-0373	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	137.43	31.51
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*49.39*	
		For >50 To 100, Deduct	*-4.62*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-13.74*	
		For >500, Deduct	*-19.43*	
26 51 19 00-0374	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	66.24	31.51
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-8.75*	
26 51 19 00-0375	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	73.86	31.51
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-9.90*	
26 51 19 00-0376	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	941.08	31.51
		For >50 To 100, Deduct	*-24.71*	
		For >100 To 250, Deduct	*-48.24*	
		For >250 To 500, Deduct	*-94.11*	
		For >500, Deduct	*-139.98*	
26 51 19 00-0377		**Wall Mount LED Cylinder Downlight** *(26 51 19 00-0001)*		
26 51 19 00-0378	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	405.81	48.95
		For >50 To 100, Deduct	*-11.98*	
		For >100 To 250, Deduct	*-22.13*	
		For >250 To 500, Deduct	*-40.58*	
		For >500, Deduct	*-59.03*	
26 51 19 00-0379		**Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0380		**LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0379)*		
26 51 19 00-0381	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	535.87	45.98
		For >50 To 100, Deduct	*-15.12*	
		For >100 To 250, Deduct	*-28.52*	
		For >250 To 500, Deduct	*-53.59*	
		For >500, Deduct	*-78.66*	
26 51 19 00-0382		**LED Wall Sconce Fixtures (Kichler)** *(26 51 19 00-0379)*		
26 51 19 00-0383	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	295.04	45.98
		For >50 To 100, Deduct	*-9.10*	
		For >100 To 250, Deduct	*-16.48*	
		For >250 To 500, Deduct	*-29.50*	
		For >500, Deduct	*-42.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0384		**LED Wall Sconce Fixtures (Metalux)** *(26 51 19 00-0379)*		
26 51 19 00-0385	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	141.11	45.98
		For >50 To 100, Deduct	*-5.25*	
		For >100 To 250, Deduct	*-8.78*	
		For >250 To 500, Deduct	*-14.11*	
		For >500, Deduct	*-19.44*	
26 51 19 00-0386	EA	5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	123.35	45.98
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-7.89*	
		For >250 To 500, Deduct	*-12.34*	
		For >500, Deduct	*-16.78*	
26 51 19 00-0387		**Concealed Continuous LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0388		**Concealed Continuous LED Fixtures (Fraqtir™ S301)** *(26 51 19 00-0387)*		
26 51 19 00-0389	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	738.61	5.25
		For >50 To 100, Deduct	*-18.73*	
		For >100 To 250, Deduct	*-37.19*	
		For >250 To 500, Deduct	*-73.86*	
		For >500, Deduct	*-110.53*	
26 51 19 00-0390	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	842.28	5.25
		For >50 To 100, Deduct	*-21.32*	
		For >100 To 250, Deduct	*-42.38*	
		For >250 To 500, Deduct	*-84.23*	
		For >500, Deduct	*-126.08*	
26 51 19 00-0391		**Low Bay LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0392		**LED Linear Low Bay Fixtures (PlanLED)** *(26 51 19 00-0391)*		
26 51 19 00-0393	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	367.47	63.02
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.00*	
		For >250 To 500, Deduct	*-36.75*	
		For >500, Deduct	*-52.49*	
26 51 19 00-0394	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	503.06	63.02
		For >50 To 100, Deduct	*-15.20*	
		For >100 To 250, Deduct	*-27.78*	
		For >250 To 500, Deduct	*-50.31*	
		For >500, Deduct	*-72.83*	
26 51 19 00-0395	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	842.06	78.78
		For >50 To 100, Deduct	*-24.33*	
		For >100 To 250, Deduct	*-45.39*	
		For >250 To 500, Deduct	*-84.21*	
		For >500, Deduct	*-123.03*	
26 51 19 00-0396		**LED Low Bay Fixtures (CREE®)** *(26 51 19 00-0391)*		
26 51 19 00-0397		**LED Low Bay Fixtures (CREE® LS)** *(26 51 19 00-0396)*		
		Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0398	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	322.13	63.02
		For >50 To 100, Deduct	*-10.68*	
		For >100 To 250, Deduct	*-18.73*	
		For >250 To 500, Deduct	*-32.21*	
		For >500, Deduct	*-45.69*	
26 51 19 00-0399	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	344.39	63.02
		For >50 To 100, Deduct	*-11.24*	
		For >100 To 250, Deduct	*-19.85*	
		For >250 To 500, Deduct	*-34.44*	
		For >500, Deduct	*-49.03*	
26 51 19 00-0400	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	331.41	63.02
		For >50 To 100, Deduct	*-10.91*	
		For >100 To 250, Deduct	*-19.20*	
		For >250 To 500, Deduct	*-33.14*	
		For >500, Deduct	*-47.09*	
26 51 19 00-0401	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	353.67	63.02
		For >50 To 100, Deduct	*-11.47*	
		For >100 To 250, Deduct	*-20.31*	
		For >250 To 500, Deduct	*-35.37*	
		For >500, Deduct	*-50.42*	
26 51 19 00-0402	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	370.37	63.02
		For >50 To 100, Deduct	*-11.89*	
		For >100 To 250, Deduct	*-21.14*	
		For >250 To 500, Deduct	*-37.04*	
		For >500, Deduct	*-52.93*	
26 51 19 00-0403	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	392.64	63.02
		For >50 To 100, Deduct	*-12.44*	
		For >100 To 250, Deduct	*-22.26*	
		For >250 To 500, Deduct	*-39.26*	
		For >500, Deduct	*-56.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0404	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	520.95	78.78
		For >50 To 100, Deduct	*-16.31*	
		For >100 To 250, Deduct	*-29.33*	
		For >250 To 500, Deduct	*-52.10*	
		For >500, Deduct	*-74.86*	
26 51 19 00-0405	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	561.77	78.78
		For >50 To 100, Deduct	*-17.33*	
		For >100 To 250, Deduct	*-31.37*	
		For >250 To 500, Deduct	*-56.18*	
		For >500, Deduct	*-80.98*	
26 51 19 00-0406	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	647.12	78.78
		For >50 To 100, Deduct	*-19.46*	
		For >100 To 250, Deduct	*-35.64*	
		For >250 To 500, Deduct	*-64.71*	
		For >500, Deduct	*-93.79*	
26 51 19 00-0407	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	669.38	78.78
		For >50 To 100, Deduct	*-20.02*	
		For >100 To 250, Deduct	*-36.75*	
		For >250 To 500, Deduct	*-66.94*	
		For >500, Deduct	*-97.12*	

26 51 19 00-0408 LED Low Bay Fixtures (CREE® LN) *(26 51 19 00-0396)*

Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.

26 51 19 00-0409	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	734.04	63.02
		For >50 To 100, Deduct	*-20.98*	
		For >100 To 250, Deduct	*-39.33*	
		For >250 To 500, Deduct	*-73.40*	
		For >500, Deduct	*-107.48*	
26 51 19 00-0410	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	826.81	63.02
		For >50 To 100, Deduct	*-23.30*	
		For >100 To 250, Deduct	*-43.97*	
		For >250 To 500, Deduct	*-82.68*	
		For >500, Deduct	*-121.40*	

26 51 19 00-0411 LED Linear Low Bay Fixtures (CREE® CS) *(26 51 19 00-0396)*

Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.

26 51 19 00-0412	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	711.15	63.02
		For >50 To 100, Deduct	*-20.40*	
		For >100 To 250, Deduct	*-38.18*	
		For >250 To 500, Deduct	*-71.12*	
		For >500, Deduct	*-104.05*	
26 51 19 00-0413	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	883.66	78.78
		For >50 To 100, Deduct	*-25.37*	
		For >100 To 250, Deduct	*-47.47*	
		For >250 To 500, Deduct	*-88.37*	
		For >500, Deduct	*-129.27*	
26 51 19 00-0414	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	1,125.96	78.78
		For >50 To 100, Deduct	*-31.43*	
		For >100 To 250, Deduct	*-59.58*	
		For >250 To 500, Deduct	*-112.60*	
		For >500, Deduct	*-165.61*	

26 51 19 00-0415 Accessories For LED Low Bay Fixtures (CREE®) *(26 51 19 00-0396)*

26 51 19 00-0416	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	61.56	17.28
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.51*	
26 51 19 00-0417	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	68.11	17.28
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-6.81*	
		For >500, Deduct	*-9.50*	
26 51 19 00-0418	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	50.63	17.28
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.25*	
		For >250 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-6.87*	
26 51 19 00-0419	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	39.72	17.28
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-2.71*	
		For >250 To 500, Deduct	*-3.97*	
		For >500, Deduct	*-5.24*	
26 51 19 00-0420	EA	Solid Reflector, Pair (Cree® LS4-SR)	137.95	17.28
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 250, Deduct	*-7.62*	
		For >250 To 500, Deduct	*-13.80*	
		For >500, Deduct	*-19.97*	
26 51 19 00-0421	EA	Solid Reflector, Pair (Cree® LS8-SR)	192.54	17.28
		For >50 To 100, Deduct	*-5.53*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-19.25*	
		For >500, Deduct	*-28.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0422	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	68.11	17.28
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-6.81*	
		For >500, Deduct	*-9.50*	
26 51 19 00-0423	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	98.67	17.28
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-9.87*	
		For >500, Deduct	*-14.08*	
26 51 19 00-0424	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	76.83	17.28
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.68*	
		For >500, Deduct	*-10.80*	
26 51 19 00-0425	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	105.22	17.28
		For >50 To 100, Deduct	*-3.35*	
		For >100 To 250, Deduct	*-5.98*	
		For >250 To 500, Deduct	*-10.52*	
		For >500, Deduct	*-15.06*	
26 51 19 00-0426	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	111.77	17.28
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 250, Deduct	*-6.31*	
		For >250 To 500, Deduct	*-11.18*	
		For >500, Deduct	*-16.05*	
26 51 19 00-0427	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	94.29	17.28
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-9.43*	
		For >500, Deduct	*-13.42*	
26 51 19 00-0428	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	144.50	17.28
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 250, Deduct	*-7.95*	
		For >250 To 500, Deduct	*-14.45*	
		For >500, Deduct	*-20.95*	
26 51 19 00-0429	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	72.47	17.28
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.25*	
		For >500, Deduct	*-10.15*	
26 51 19 00-0430	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	89.93	17.28
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-5.22*	
		For >250 To 500, Deduct	*-8.99*	
		For >500, Deduct	*-12.77*	
26 51 19 00-0431	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	68.11	17.28
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 250, Deduct	*-4.13*	
		For >250 To 500, Deduct	*-6.81*	
		For >500, Deduct	*-9.50*	
26 51 19 00-0432	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,427.32	42.02
		For >50 To 100, Deduct	*-37.26*	
		For >100 To 250, Deduct	*-72.94*	
		For >250 To 500, Deduct	*-142.73*	
		For >500, Deduct	*-212.52*	
26 51 19 00-0433	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	499.59	42.02
		For >50 To 100, Deduct	*-14.07*	
		For >100 To 250, Deduct	*-26.56*	
		For >250 To 500, Deduct	*-49.96*	
		For >500, Deduct	*-73.36*	

26 51 19 00-0434 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0391)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0435	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	995.75	63.02
		For >50 To 100, Deduct	*-27.52*	
		For >100 To 250, Deduct	*-52.41*	
		For >250 To 500, Deduct	*-99.58*	
		For >500, Deduct	*-146.74*	

26 51 19 00-0436 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0437 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0436)*

26 51 19 00-0438	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	488.26	115.54
		For >50 To 100, Deduct	*-17.98*	
		For >100 To 250, Deduct	*-30.19*	
		For >250 To 500, Deduct	*-48.83*	
		For >500, Deduct	*-67.46*	
26 51 19 00-0439	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	488.26	115.54
		For >50 To 100, Deduct	*-17.98*	
		For >100 To 250, Deduct	*-30.19*	
		For >250 To 500, Deduct	*-48.83*	
		For >500, Deduct	*-67.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0440	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	549.98	115.54
		For >50 To 100, Deduct	*-19.53*	
		For >100 To 250, Deduct	*-33.28*	
		For >250 To 500, Deduct	*-55.00*	
		For >500, Deduct	*-76.72*	
26 51 19 00-0441	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	549.98	115.54
		For >50 To 100, Deduct	*-19.53*	
		For >100 To 250, Deduct	*-33.28*	
		For >250 To 500, Deduct	*-55.00*	
		For >500, Deduct	*-76.72*	
26 51 19 00-0442	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	652.85	115.54
		For >50 To 100, Deduct	*-22.10*	
		For >100 To 250, Deduct	*-38.42*	
		For >250 To 500, Deduct	*-65.29*	
		For >500, Deduct	*-92.15*	
26 51 19 00-0443	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	652.85	115.54
		For >50 To 100, Deduct	*-22.10*	
		For >100 To 250, Deduct	*-38.42*	
		For >250 To 500, Deduct	*-65.29*	
		For >500, Deduct	*-92.15*	
26 51 19 00-0444	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	694.00	115.54
		For >50 To 100, Deduct	*-23.13*	
		For >100 To 250, Deduct	*-40.48*	
		For >250 To 500, Deduct	*-69.40*	
		For >500, Deduct	*-98.32*	
26 51 19 00-0445	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	694.00	115.54
		For >50 To 100, Deduct	*-23.13*	
		For >100 To 250, Deduct	*-40.48*	
		For >250 To 500, Deduct	*-69.40*	
		For >500, Deduct	*-98.32*	
26 51 19 00-0446	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	724.86	115.54
		For >50 To 100, Deduct	*-23.90*	
		For >100 To 250, Deduct	*-42.02*	
		For >250 To 500, Deduct	*-72.49*	
		For >500, Deduct	*-102.95*	
26 51 19 00-0447	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	724.86	115.54
		For >50 To 100, Deduct	*-23.90*	
		For >100 To 250, Deduct	*-42.02*	
		For >250 To 500, Deduct	*-72.49*	
		For >500, Deduct	*-102.95*	

26 51 19 00-0448 LED High Bay Fixtures (Cree) *(26 51 19 00-0436)*

26 51 19 00-0449 LED High Bay Fixtures (CREE®) *(26 51 19 00-0448)*

26 51 19 00-0450	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	860.09	115.54
		For >50 To 100, Deduct	*-27.28*	
		For >100 To 250, Deduct	*-48.78*	
		For >250 To 500, Deduct	*-86.01*	
		For >500, Deduct	*-123.24*	
26 51 19 00-0451	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	1,038.75	115.54
		For >50 To 100, Deduct	*-31.75*	
		For >100 To 250, Deduct	*-57.71*	
		For >250 To 500, Deduct	*-103.88*	
		For >500, Deduct	*-150.04*	
26 51 19 00-0452	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	951.45	115.54
		For >50 To 100, Deduct	*-29.56*	
		For >100 To 250, Deduct	*-53.35*	
		For >250 To 500, Deduct	*-95.15*	
		For >500, Deduct	*-136.94*	
26 51 19 00-0453	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	1,093.34	115.54
		For >50 To 100, Deduct	*-33.11*	
		For >100 To 250, Deduct	*-60.44*	
		For >250 To 500, Deduct	*-109.33*	
		For >500, Deduct	*-158.22*	
26 51 19 00-0454	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	891.63	115.54
		For >50 To 100, Deduct	*-28.07*	
		For >100 To 250, Deduct	*-50.36*	
		For >250 To 500, Deduct	*-89.16*	
		For >500, Deduct	*-127.97*	
26 51 19 00-0455	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	1,071.50	115.54
		For >50 To 100, Deduct	*-32.56*	
		For >100 To 250, Deduct	*-59.35*	
		For >250 To 500, Deduct	*-107.15*	
		For >500, Deduct	*-154.95*	
26 51 19 00-0456	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	984.18	115.54
		For >50 To 100, Deduct	*-30.38*	
		For >100 To 250, Deduct	*-54.99*	
		For >250 To 500, Deduct	*-98.42*	
		For >500, Deduct	*-141.85*	
26 51 19 00-0457	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	1,126.07	115.54
		For >50 To 100, Deduct	*-33.93*	
		For >100 To 250, Deduct	*-62.08*	
		For >250 To 500, Deduct	*-112.61*	
		For >500, Deduct	*-163.13*	

26 51 19 00-0458 Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0448)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0459	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	61.56	17.28
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.51*	
26 51 19 00-0460	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	61.56	17.28
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.51*	
26 51 19 00-0461	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	83.38	17.28
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-8.34*	
		For >500, Deduct	*-11.79*	
26 51 19 00-0462	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	127.04	17.28
		For >50 To 100, Deduct	*-3.90*	
		For >100 To 250, Deduct	*-7.07*	
		For >250 To 500, Deduct	*-12.70*	
		For >500, Deduct	*-18.34*	
26 51 19 00-0463	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	148.88	17.28
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 250, Deduct	*-8.16*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-21.61*	
26 51 19 00-0464	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	83.38	17.28
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-8.34*	
		For >500, Deduct	*-11.79*	
26 51 19 00-0465	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	85.57	17.28
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-5.00*	
		For >250 To 500, Deduct	*-8.56*	
		For >500, Deduct	*-12.12*	
26 51 19 00-0466	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	61.56	17.28
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.51*	
26 51 19 00-0467	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	65.92	17.28
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-6.59*	
		For >500, Deduct	*-9.17*	
26 51 19 00-0468	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	41.91	17.28
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.19*	
		For >500, Deduct	*-5.57*	
26 51 19 00-0469	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	44.10	17.28
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.41*	
		For >500, Deduct	*-5.89*	

26 51 19 00-0470 LED High Bay Fixtures (DLE) *(26 51 19 00-0436)*

26 51 19 00-0471	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,453.59	115.54
		For >50 To 100, Deduct	*-42.12*	
		For >100 To 250, Deduct	*-78.46*	
		For >250 To 500, Deduct	*-145.36*	
		For >500, Deduct	*-212.26*	
26 51 19 00-0472	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,790.38	115.54
		For >50 To 100, Deduct	*-50.54*	
		For >100 To 250, Deduct	*-95.30*	
		For >250 To 500, Deduct	*-179.04*	
		For >500, Deduct	*-262.78*	
26 51 19 00-0473	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	2,103.11	115.54
		For >50 To 100, Deduct	*-58.36*	
		For >100 To 250, Deduct	*-110.93*	
		For >250 To 500, Deduct	*-210.31*	
		For >500, Deduct	*-309.69*	

26 51 19 00-0474 LED High Bay Fixtures (Everlast) *(26 51 19 00-0436)*

26 51 19 00-0475 LED High Bay Fixtures (Everlast EL-LED-LG) *(26 51 19 00-0474)*

26 51 19 00-0476	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	974.65	115.54
		For >50 To 100, Deduct	*-30.14*	
		For >100 To 250, Deduct	*-54.51*	
		For >250 To 500, Deduct	*-97.47*	
		For >500, Deduct	*-140.42*	
26 51 19 00-0477	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,031.51	115.54
		For >50 To 100, Deduct	*-31.57*	
		For >100 To 250, Deduct	*-57.35*	
		For >250 To 500, Deduct	*-103.15*	
		For >500, Deduct	*-148.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0478	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	917.79	115.54
		For >50 To 100, Deduct	*-28.72*	
		For >100 To 250, Deduct	*-51.67*	
		For >250 To 500, Deduct	*-91.78*	
		For >500, Deduct	*-131.89*	
26 51 19 00-0479	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	941.85	115.54
		For >50 To 100, Deduct	*-29.32*	
		For >100 To 250, Deduct	*-52.87*	
		For >250 To 500, Deduct	*-94.19*	
		For >500, Deduct	*-135.50*	
26 51 19 00-0480	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,073.06	115.54
		For >50 To 100, Deduct	*-32.60*	
		For >100 To 250, Deduct	*-59.43*	
		For >250 To 500, Deduct	*-107.31*	
		For >500, Deduct	*-155.18*	
26 51 19 00-0481	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,171.47	115.54
		For >50 To 100, Deduct	*-35.06*	
		For >100 To 250, Deduct	*-64.35*	
		For >250 To 500, Deduct	*-117.15*	
		For >500, Deduct	*-169.94*	
26 51 19 00-0482	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	1,020.58	115.54
		For >50 To 100, Deduct	*-31.29*	
		For >100 To 250, Deduct	*-56.81*	
		For >250 To 500, Deduct	*-102.06*	
		For >500, Deduct	*-147.31*	
26 51 19 00-0483	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,105.87	115.54
		For >50 To 100, Deduct	*-33.42*	
		For >100 To 250, Deduct	*-61.07*	
		For >250 To 500, Deduct	*-110.59*	
		For >500, Deduct	*-160.10*	
26 51 19 00-0484	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,619.80	115.54
		For >50 To 100, Deduct	*-46.27*	
		For >100 To 250, Deduct	*-86.77*	
		For >250 To 500, Deduct	*-161.98*	
		For >500, Deduct	*-237.19*	
26 51 19 00-0485	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,772.88	115.54
		For >50 To 100, Deduct	*-50.10*	
		For >100 To 250, Deduct	*-94.42*	
		For >250 To 500, Deduct	*-177.29*	
		For >500, Deduct	*-260.15*	
26 51 19 00-0486	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,210.27	115.54
		For >50 To 100, Deduct	*-61.03*	
		For >100 To 250, Deduct	*-116.29*	
		For >250 To 500, Deduct	*-221.03*	
		For >500, Deduct	*-325.76*	

26 51 19 00-0487 LED High Bay Fixtures (Everlast EL-LED-CS) *(26 51 19 00-0474)*

26 51 19 00-0488	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	602.87	115.54
		For >50 To 100, Deduct	*-20.85*	
		For >100 To 250, Deduct	*-35.92*	
		For >250 To 500, Deduct	*-60.29*	
		For >500, Deduct	*-84.65*	
26 51 19 00-0489	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	898.11	115.54
		For >50 To 100, Deduct	*-28.23*	
		For >100 To 250, Deduct	*-50.68*	
		For >250 To 500, Deduct	*-89.81*	
		For >500, Deduct	*-128.94*	
26 51 19 00-0490	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,029.32	115.54
		For >50 To 100, Deduct	*-31.51*	
		For >100 To 250, Deduct	*-57.24*	
		For >250 To 500, Deduct	*-102.93*	
		For >500, Deduct	*-148.62*	
26 51 19 00-0491	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,182.41	115.54
		For >50 To 100, Deduct	*-35.34*	
		For >100 To 250, Deduct	*-64.90*	
		For >250 To 500, Deduct	*-118.24*	
		For >500, Deduct	*-171.58*	
26 51 19 00-0492	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,280.82	115.54
		For >50 To 100, Deduct	*-37.80*	
		For >100 To 250, Deduct	*-69.82*	
		For >250 To 500, Deduct	*-128.08*	
		For >500, Deduct	*-186.35*	

26 51 19 00-0493 LED High Bay Fixtures (Everlast EL-LED-HB-LG) *(26 51 19 00-0474)*

26 51 19 00-0494	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	799.69	115.54
		For >50 To 100, Deduct	*-25.77*	
		For >100 To 250, Deduct	*-45.76*	
		For >250 To 500, Deduct	*-79.97*	
		For >500, Deduct	*-114.18*	
26 51 19 00-0495	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	854.37	115.54
		For >50 To 100, Deduct	*-27.14*	
		For >100 To 250, Deduct	*-48.50*	
		For >250 To 500, Deduct	*-85.44*	
		For >500, Deduct	*-122.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0496	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	930.91	115.54
		For >50 To 100, Deduct	*-29.05*	
		For >100 To 250, Deduct	*-52.32*	
		For >250 To 500, Deduct	*-93.09*	
		For >500, Deduct	*-133.86*	

26 51 19 00-0497 LED High Bay Fixtures (Everlast EL-LED-LHB) *(26 51 19 00-0474)*

26 51 19 00-0498	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	812.82	115.54
		For >50 To 100, Deduct	*-26.10*	
		For >100 To 250, Deduct	*-46.42*	
		For >250 To 500, Deduct	*-81.28*	
		For >500, Deduct	*-116.15*	
26 51 19 00-0499	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,007.45	115.54
		For >50 To 100, Deduct	*-30.96*	
		For >100 To 250, Deduct	*-56.15*	
		For >250 To 500, Deduct	*-100.75*	
		For >500, Deduct	*-145.34*	
26 51 19 00-0500	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,258.95	115.54
		For >50 To 100, Deduct	*-37.25*	
		For >100 To 250, Deduct	*-68.72*	
		For >250 To 500, Deduct	*-125.90*	
		For >500, Deduct	*-183.07*	

26 51 19 00-0501 LED High Bay Fixtures (Lithonia IBG) *(26 51 19 00-0436)*

26 51 19 00-0502	EA	8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT)	448.99	113.45
		For >50 To 100, Deduct	*-15.54*	
		For >100 To 250, Deduct	*-26.76*	
		For >250 To 500, Deduct	*-44.90*	
		For >500, Deduct	*-63.03*	
26 51 19 00-0503	EA	12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT)	467.78	113.45
		For >50 To 100, Deduct	*-16.01*	
		For >100 To 250, Deduct	*-27.70*	
		For >250 To 500, Deduct	*-46.78*	
		For >500, Deduct	*-65.85*	
26 51 19 00-0504	EA	15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT)	510.06	113.45
		For >50 To 100, Deduct	*-17.07*	
		For >100 To 250, Deduct	*-29.82*	
		For >250 To 500, Deduct	*-51.01*	
		For >500, Deduct	*-72.19*	
26 51 19 00-0505	EA	18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT)	576.81	113.45
		For >50 To 100, Deduct	*-18.73*	
		For >100 To 250, Deduct	*-33.15*	
		For >250 To 500, Deduct	*-57.68*	
		For >500, Deduct	*-82.21*	
26 51 19 00-0506	EA	24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT)	631.15	113.45
		For >50 To 100, Deduct	*-20.09*	
		For >100 To 250, Deduct	*-35.87*	
		For >250 To 500, Deduct	*-63.12*	
		For >500, Deduct	*-90.36*	
26 51 19 00-0507	EA	30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT)	758.90	113.45
		For >50 To 100, Deduct	*-23.29*	
		For >100 To 250, Deduct	*-42.26*	
		For >250 To 500, Deduct	*-75.89*	
		For >500, Deduct	*-109.52*	
26 51 19 00-0508	EA	36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT)	921.99	113.45
		For >50 To 100, Deduct	*-27.36*	
		For >100 To 250, Deduct	*-50.41*	
		For >250 To 500, Deduct	*-92.20*	
		For >500, Deduct	*-133.98*	
26 51 19 00-0509	EA	48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT)	1,332.09	115.54
		For >50 To 100, Deduct	*-39.08*	
		For >100 To 250, Deduct	*-72.38*	
		For >250 To 500, Deduct	*-133.21*	
		For >500, Deduct	*-194.04*	

26 51 19 00-0510 LED High Bay Fixtures (Lithonia IBL) *(26 51 19 00-0436)*

26 51 19 00-0511	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	625.02	115.54
		For >50 To 100, Deduct	*-21.40*	
		For >100 To 250, Deduct	*-37.03*	
		For >250 To 500, Deduct	*-62.50*	
		For >500, Deduct	*-87.98*	
26 51 19 00-0512	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	676.46	115.54
		For >50 To 100, Deduct	*-22.69*	
		For >100 To 250, Deduct	*-39.60*	
		For >250 To 500, Deduct	*-67.65*	
		For >500, Deduct	*-95.69*	
26 51 19 00-0513	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	815.33	115.54
		For >50 To 100, Deduct	*-26.16*	
		For >100 To 250, Deduct	*-46.54*	
		For >250 To 500, Deduct	*-81.53*	
		For >500, Deduct	*-116.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0514	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	870.88	115.54
		For >50 To 100, Deduct	*-27.55*	
		For >100 To 250, Deduct	*-49.32*	
		For >250 To 500, Deduct	*-87.09*	
		For >500, Deduct	*-124.85*	

26 51 19 00-0515 LED High Bay Fixtures (LUXADD™) *(26 51 19 00-0436)*

26 51 19 00-0516	EA	5,060 Lumens, LED High Bay Fixture (LUXADD™ ZHB90606221)	959.41	115.54
		For >50 To 100, Deduct	*-29.76*	
		For >100 To 250, Deduct	*-53.75*	
		For >250 To 500, Deduct	*-95.94*	
		For >500, Deduct	*-138.13*	
		For >50, Deduct	*-80.12*	
26 51 19 00-0517	EA	8,200 Lumens, LED High Bay Fixture (LUXADD™ ZHB91006211)	1,297.31	115.54
		For >50 To 100, Deduct	*-38.21*	
		For >100 To 250, Deduct	*-70.64*	
		For >250 To 500, Deduct	*-129.73*	
		For >500, Deduct	*-188.82*	
		For >50, Deduct	*-74.64*	
26 51 19 00-0518	EA	12,000 Lumens, LED High Bay Fixture (LUXADD™ ZHB91506211)	1,422.88	115.54
		For >50 To 100, Deduct	*-41.35*	
		For >100 To 250, Deduct	*-76.92*	
		For >250 To 500, Deduct	*-142.29*	
		For >500, Deduct	*-207.65*	
		For >50, Deduct	*-119.18*	
26 51 19 00-0519	EA	16,850 Lumens, LED High Bay Fixture (LUXADD™ ZHB92006221)	1,712.83	115.54
		For >50 To 100, Deduct	*-48.60*	
		For >100 To 250, Deduct	*-91.42*	
		For >250 To 500, Deduct	*-171.28*	
		For >500, Deduct	*-251.15*	
		For >50, Deduct	*-222.26*	
26 51 19 00-0520	EA	5,060 Lumens, LED High Bay Fixture (LUXADD™ ZHB90600221)	1,034.75	115.54
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-57.51*	
		For >250 To 500, Deduct	*-103.48*	
		For >500, Deduct	*-149.44*	
		For >50, Deduct	*-88.40*	
26 51 19 00-0521	EA	8,200 Lumens, LED High Bay Fixture (LUXADD™ ZHB91000211)	1,386.35	115.54
		For >50 To 100, Deduct	*-40.44*	
		For >100 To 250, Deduct	*-75.09*	
		For >250 To 500, Deduct	*-138.64*	
		For >500, Deduct	*-202.18*	
		For >50, Deduct	*-115.53*	
26 51 19 00-0522	EA	12,000 Lumens, LED High Bay Fixture (LUXADD™ ZHB91500221)	1,587.26	115.54
		For >50 To 100, Deduct	*-45.46*	
		For >100 To 250, Deduct	*-85.14*	
		For >250 To 500, Deduct	*-158.73*	
		For >500, Deduct	*-232.31*	
		For >50, Deduct	*-122.06*	

26 51 19 00-0523 LED High Bay Fixtures (Metalux SSLED) *(26 51 19 00-0436)*

26 51 19 00-0524	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	740.96	115.54
		For >50 To 100, Deduct	*-24.30*	
		For >100 To 250, Deduct	*-42.83*	
		For >250 To 500, Deduct	*-74.10*	
		For >500, Deduct	*-105.37*	
26 51 19 00-0525	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	760.99	115.54
		For >50 To 100, Deduct	*-24.80*	
		For >100 To 250, Deduct	*-43.83*	
		For >250 To 500, Deduct	*-76.10*	
		For >500, Deduct	*-108.37*	
26 51 19 00-0526	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	769.06	115.54
		For >50 To 100, Deduct	*-25.00*	
		For >100 To 250, Deduct	*-44.23*	
		For >250 To 500, Deduct	*-76.91*	
		For >500, Deduct	*-109.58*	
26 51 19 00-0527	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	845.86	115.54
		For >50 To 100, Deduct	*-26.92*	
		For >100 To 250, Deduct	*-48.07*	
		For >250 To 500, Deduct	*-84.59*	
		For >500, Deduct	*-121.10*	
26 51 19 00-0528	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	935.32	115.54
		For >50 To 100, Deduct	*-29.16*	
		For >100 To 250, Deduct	*-52.54*	
		For >250 To 500, Deduct	*-93.53*	
		For >500, Deduct	*-134.52*	
26 51 19 00-0529	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	968.89	115.54
		For >50 To 100, Deduct	*-30.00*	
		For >100 To 250, Deduct	*-54.22*	
		For >250 To 500, Deduct	*-96.89*	
		For >500, Deduct	*-139.56*	

26 51 19 00-0530 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0436)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0531		**LED High Bay Fixtures (PlanLED LUNA)** *(26 51 19 00-0530)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0532	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	948.41	115.54
		For >50 To 100, Deduct	*-29.49*	
		For >100 To 250, Deduct	*-53.20*	
		For >250 To 500, Deduct	*-94.84*	
		For >500, Deduct	*-136.48*	
26 51 19 00-0533	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,070.87	115.54
		For >50 To 100, Deduct	*-32.55*	
		For >100 To 250, Deduct	*-59.32*	
		For >250 To 500, Deduct	*-107.09*	
		For >500, Deduct	*-154.85*	
26 51 19 00-0534	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,248.02	115.54
		For >50 To 100, Deduct	*-36.98*	
		For >100 To 250, Deduct	*-68.18*	
		For >250 To 500, Deduct	*-124.80*	
		For >500, Deduct	*-181.43*	
26 51 19 00-0535	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,420.79	115.54
		For >50 To 100, Deduct	*-41.30*	
		For >100 To 250, Deduct	*-76.82*	
		For >250 To 500, Deduct	*-142.08*	
		For >500, Deduct	*-207.34*	
26 51 19 00-0536		**LED High Bay Fixtures (PlanLED IBL)** *(26 51 19 00-0530)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0537	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	1,035.88	115.54
		For 480 Volt, Add	*61.39*	
		For >50 To 100, Deduct	*-31.67*	
		For >100 To 250, Deduct	*-57.57*	
		For >250 To 500, Deduct	*-103.59*	
		For >500, Deduct	*-149.60*	
26 51 19 00-0538	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,462.34	115.54
		For 480 Volt, Add	*77.79*	
		For >50 To 100, Deduct	*-42.34*	
		For >100 To 250, Deduct	*-78.89*	
		For >250 To 500, Deduct	*-146.23*	
		For >500, Deduct	*-213.57*	
26 51 19 00-0539	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,636.72	115.54
		For 480 Volt, Add	*123.44*	
		For >50 To 100, Deduct	*-71.70*	
		For >100 To 250, Deduct	*-137.61*	
		For >250 To 500, Deduct	*-263.67*	
		For >500, Deduct	*-389.73*	
26 51 19 00-0540		**LED High Bay Fixtures (PlanLED SEGA)** *(26 51 19 00-0530)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0541	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	806.26	115.54
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-25.93*	
		For >100 To 250, Deduct	*-46.09*	
		For >250 To 500, Deduct	*-80.63*	
		For >500, Deduct	*-115.16*	
26 51 19 00-0542	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	865.30	115.54
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-27.41*	
		For >100 To 250, Deduct	*-49.04*	
		For >250 To 500, Deduct	*-86.53*	
		For >500, Deduct	*-124.02*	
26 51 19 00-0543	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,068.69	115.54
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-32.49*	
		For >100 To 250, Deduct	*-59.21*	
		For >250 To 500, Deduct	*-106.87*	
		For >500, Deduct	*-154.53*	
26 51 19 00-0544	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,215.21	115.54
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-36.16*	
		For >100 To 250, Deduct	*-66.54*	
		For >250 To 500, Deduct	*-121.52*	
		For >500, Deduct	*-176.50*	
26 51 19 00-0545	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,295.56	115.54
		For >50 To 100, Deduct	*-63.17*	
		For >100 To 250, Deduct	*-120.56*	
		For >250 To 500, Deduct	*-229.56*	
		For >500, Deduct	*-338.56*	
26 51 19 00-0546	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,488.01	115.54
		For >50 To 100, Deduct	*-67.98*	
		For >100 To 250, Deduct	*-130.18*	
		For >250 To 500, Deduct	*-248.80*	
		For >500, Deduct	*-367.42*	
26 51 19 00-0547	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,813.03	115.54
		For >50 To 100, Deduct	*-101.10*	
		For >100 To 250, Deduct	*-196.43*	
		For >250 To 500, Deduct	*-381.30*	
		For >500, Deduct	*-566.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 51 19 00-0548 Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0549 Wet Location, LED Fixtures *(26 51 19 00-0548)*

26 51 19 00-0550 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0549)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0551	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	3,697.73	88.23
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-96.12*	
		For >100 To 250, Deduct	*-188.56*	
		For >250 To 500, Deduct	*-369.77*	
		For >500, Deduct	*-550.98*	
26 51 19 00-0552	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	3,764.35	94.53
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-98.05*	
		For >100 To 250, Deduct	*-192.16*	
		For >250 To 500, Deduct	*-376.44*	
		For >500, Deduct	*-560.71*	
26 51 19 00-0553	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	4,257.99	100.83
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-110.65*	
		For >100 To 250, Deduct	*-217.10*	
		For >250 To 500, Deduct	*-425.80*	
		For >500, Deduct	*-634.50*	
26 51 19 00-0554	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	5,143.50	107.14
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-133.05*	
		For >100 To 250, Deduct	*-261.64*	
		For >250 To 500, Deduct	*-514.35*	
		For >500, Deduct	*-767.06*	
26 51 19 00-0555	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	6,588.79	113.45
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-169.45*	
		For >100 To 250, Deduct	*-334.17*	
		For >250 To 500, Deduct	*-658.88*	
		For >500, Deduct	*-983.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0556	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	8,709.87	116.59
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-222.60*	
		For >100 To 250, Deduct	*-440.35*	
		For >250 To 500, Deduct	*-870.99*	
		For >500, Deduct	*-1,301.62*	
26 51 19 00-0557	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	10,106.50	119.74
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-257.65*	
		For >100 To 250, Deduct	*-510.31*	
		For >250 To 500, Deduct	*-1,010.65*	
		For >500, Deduct	*-1,510.99*	

26 51 19 00-0558 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0549)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0559	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	3,314.46	94.53
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-86.80*	
		For >100 To 250, Deduct	*-169.66*	
		For >250 To 500, Deduct	*-331.45*	
		For >500, Deduct	*-493.23*	
26 51 19 00-0560	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	4,939.66	100.83
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-127.69*	
		For >100 To 250, Deduct	*-251.18*	
		For >250 To 500, Deduct	*-493.97*	
		For >500, Deduct	*-736.75*	
26 51 19 00-0561	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	5,452.00	107.14
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-140.76*	
		For >100 To 250, Deduct	*-277.06*	
		For >250 To 500, Deduct	*-545.20*	
		For >500, Deduct	*-813.34*	
26 51 19 00-0562	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	6,271.86	113.45
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-161.52*	
		For >100 To 250, Deduct	*-318.32*	
		For >250 To 500, Deduct	*-627.19*	
		For >500, Deduct	*-936.05*	

26 51 19 00-0563 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0549)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0564	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	2,270.11	88.23
		For 12/24 Volt DC Driver, Add	*51.38*	
		For Frosted Lens, Add	*104.99*	
		For 55 Degree Ambient Suitability (AC Only), Add	*69.95*	
		For Warm White Color Rendering, Add	*135.16*	
		For Ceiling Mount, Add	*159.62*	
		For Wall Mount, Add	*231.49*	
		For Teflon Coated Lens, Add	*222.85*	
		For Wall Mount With Junction Box, Add	*336.28*	
		For >50 To 100, Deduct	*-60.43*	
		For >100 To 250, Deduct	*-117.18*	
		For >250 To 500, Deduct	*-227.01*	
		For >500, Deduct	*-336.84*	

26 51 19 00-0565 Vaportight, LED Fixtures *(26 51 19 00-0548)*

26 51 19 00-0566 General Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0565)*

26 51 19 00-0567	EA	2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	328.37	50.42
		For >50 To 100, Deduct	*-10.31*	
		For >100 To 250, Deduct	*-18.52*	
		For >250 To 500, Deduct	*-32.84*	
		For >500, Deduct	*-47.15*	
26 51 19 00-0568	EA	2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	342.95	50.42
		For >50 To 100, Deduct	*-10.67*	
		For >100 To 250, Deduct	*-19.25*	
		For >250 To 500, Deduct	*-34.30*	
		For >500, Deduct	*-49.34*	
26 51 19 00-0569	EA	2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	372.14	50.42
		For >50 To 100, Deduct	*-11.40*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-37.21*	
		For >500, Deduct	*-53.72*	
26 51 19 00-0570	EA	4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	329.29	63.02
		For >50 To 100, Deduct	*-10.86*	
		For >100 To 250, Deduct	*-19.09*	
		For >250 To 500, Deduct	*-32.93*	
		For >500, Deduct	*-46.77*	
26 51 19 00-0571	EA	4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	371.14	63.02
		For >50 To 100, Deduct	*-11.90*	
		For >100 To 250, Deduct	*-21.18*	
		For >250 To 500, Deduct	*-37.11*	
		For >500, Deduct	*-53.05*	
26 51 19 00-0572	EA	4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	524.46	63.02
		For >50 To 100, Deduct	*-15.74*	
		For >100 To 250, Deduct	*-28.85*	
		For >250 To 500, Deduct	*-52.45*	
		For >500, Deduct	*-76.04*	

26 51 19 00-0573 Wide Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0565)*

26 51 19 00-0574	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	357.55	50.42
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 250, Deduct	*-19.98*	
		For >250 To 500, Deduct	*-35.76*	
		For >500, Deduct	*-51.53*	
26 51 19 00-0575	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	372.14	50.42
		For >50 To 100, Deduct	*-11.40*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-37.21*	
		For >500, Deduct	*-53.72*	
26 51 19 00-0576	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	401.32	50.42
		For >50 To 100, Deduct	*-12.13*	
		For >100 To 250, Deduct	*-22.17*	
		For >250 To 500, Deduct	*-40.13*	
		For >500, Deduct	*-58.10*	
26 51 19 00-0577	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	466.10	63.02
		For >50 To 100, Deduct	*-14.28*	
		For >100 To 250, Deduct	*-25.93*	
		For >250 To 500, Deduct	*-46.61*	
		For >500, Deduct	*-67.29*	
26 51 19 00-0578	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	524.46	63.02
		For >50 To 100, Deduct	*-15.74*	
		For >100 To 250, Deduct	*-28.85*	
		For >250 To 500, Deduct	*-52.45*	
		For >500, Deduct	*-76.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0579	EA	4', 8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	582.83	63.02
		For >50 To 100, Deduct	*-17.20*	
		For >100 To 250, Deduct	*-31.77*	
		For >250 To 500, Deduct	*-58.28*	
		For >500, Deduct	*-84.80*	

26 51 19 00-0580 Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0565)*

26 51 19 00-0581	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	357.55	50.42
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 250, Deduct	*-19.98*	
		For >250 To 500, Deduct	*-35.76*	
		For >500, Deduct	*-51.53*	
26 51 19 00-0582	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	373.25	50.42
		For >50 To 100, Deduct	*-11.43*	
		For >100 To 250, Deduct	*-20.76*	
		For >250 To 500, Deduct	*-37.33*	
		For >500, Deduct	*-53.89*	
26 51 19 00-0583	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	401.32	50.42
		For >50 To 100, Deduct	*-12.13*	
		For >100 To 250, Deduct	*-22.17*	
		For >250 To 500, Deduct	*-40.13*	
		For >500, Deduct	*-58.10*	
26 51 19 00-0584	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	466.10	63.02
		For >50 To 100, Deduct	*-14.28*	
		For >100 To 250, Deduct	*-25.93*	
		For >250 To 500, Deduct	*-46.61*	
		For >500, Deduct	*-67.29*	
26 51 19 00-0585	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	524.46	63.02
		For >50 To 100, Deduct	*-15.74*	
		For >100 To 250, Deduct	*-28.85*	
		For >250 To 500, Deduct	*-52.45*	
		For >500, Deduct	*-76.04*	
26 51 19 00-0586	EA	4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	582.83	63.02
		For >50 To 100, Deduct	*-17.20*	
		For >100 To 250, Deduct	*-31.77*	
		For >250 To 500, Deduct	*-58.28*	
		For >500, Deduct	*-84.80*	

26 51 19 00-0587 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0588 Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0587)*

26 51 19 00-0589	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	123.48	42.02
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-7.75*	
		For >250 To 500, Deduct	*-12.35*	
		For >500, Deduct	*-16.95*	
26 51 19 00-0590	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	129.48	42.02
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-12.95*	
		For >500, Deduct	*-17.85*	
26 51 19 00-0591	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	135.49	42.02
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.35*	
		For >250 To 500, Deduct	*-13.55*	
		For >500, Deduct	*-18.75*	
26 51 19 00-0592	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	141.49	42.02
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.65*	
		For >250 To 500, Deduct	*-14.15*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0593	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	136.01	46.22
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-18.67*	
26 51 19 00-0594	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	142.01	46.22
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-8.83*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.57*	
26 51 19 00-0595	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	148.01	46.22
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.13*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-20.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0596	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	154.02	46.22
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.43*	
		For >250 To 500, Deduct	*-15.40*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0597	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	166.02	46.22
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 250, Deduct	*-10.03*	
		For >250 To 500, Deduct	*-16.60*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0598	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	123.48	42.02
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-7.75*	
		For >250 To 500, Deduct	*-12.35*	
		For >500, Deduct	*-16.95*	
26 51 19 00-0599	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	129.48	42.02
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-12.95*	
		For >500, Deduct	*-17.85*	
26 51 19 00-0600	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	135.48	42.02
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.35*	
		For >250 To 500, Deduct	*-13.55*	
		For >500, Deduct	*-18.75*	
26 51 19 00-0601	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	141.49	42.02
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.65*	
		For >250 To 500, Deduct	*-14.15*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0602	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	136.01	46.22
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-18.67*	
26 51 19 00-0603	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	142.01	46.22
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-8.83*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.57*	
26 51 19 00-0604	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	148.01	46.22
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.13*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-20.47*	
26 51 19 00-0605	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	154.02	46.22
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.43*	
		For >250 To 500, Deduct	*-15.40*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0606	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	166.02	46.22
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 250, Deduct	*-10.03*	
		For >250 To 500, Deduct	*-16.60*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0607	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	123.48	42.02
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-7.75*	
		For >250 To 500, Deduct	*-12.35*	
		For >500, Deduct	*-16.95*	
26 51 19 00-0608	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	129.48	42.02
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-12.95*	
		For >500, Deduct	*-17.85*	
26 51 19 00-0609	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	135.48	42.02
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.35*	
		For >250 To 500, Deduct	*-13.55*	
		For >500, Deduct	*-18.75*	
26 51 19 00-0610	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	141.49	42.02
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.65*	
		For >250 To 500, Deduct	*-14.15*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0611	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	136.01	46.22
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-18.67*	
26 51 19 00-0612	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	142.01	46.22
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-8.83*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0613	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	148.01	46.22
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.13*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-20.47*	
26 51 19 00-0614	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	154.02	46.22
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.43*	
		For >250 To 500, Deduct	*-15.40*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0615	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	166.02	46.22
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 250, Deduct	*-10.03*	
		For >250 To 500, Deduct	*-16.60*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0616	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	123.48	42.02
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-7.75*	
		For >250 To 500, Deduct	*-12.35*	
		For >500, Deduct	*-16.95*	
26 51 19 00-0617	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	129.48	42.02
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-12.95*	
		For >500, Deduct	*-17.85*	
26 51 19 00-0618	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	135.48	42.02
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.35*	
		For >250 To 500, Deduct	*-13.55*	
		For >500, Deduct	*-18.75*	
26 51 19 00-0619	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	141.49	42.02
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 250, Deduct	*-8.65*	
		For >250 To 500, Deduct	*-14.15*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0620	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	136.01	46.22
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-18.67*	
26 51 19 00-0621	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	142.01	46.22
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-8.83*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.57*	
26 51 19 00-0622	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	148.01	46.22
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 250, Deduct	*-9.13*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-20.47*	
26 51 19 00-0623	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	154.02	46.22
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.43*	
		For >250 To 500, Deduct	*-15.40*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0624	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	166.02	46.22
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 250, Deduct	*-10.03*	
		For >250 To 500, Deduct	*-16.60*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0625	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	171.17	49.89
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-10.45*	
		For >250 To 500, Deduct	*-17.12*	
		For >500, Deduct	*-23.79*	
26 51 19 00-0626	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	184.81	49.89
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.13*	
		For >250 To 500, Deduct	*-18.48*	
		For >500, Deduct	*-25.83*	
26 51 19 00-0627	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	181.48	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.15*	
		For >500, Deduct	*-25.33*	
26 51 19 00-0628	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	181.42	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.14*	
		For >500, Deduct	*-25.32*	
26 51 19 00-0629	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	196.81	49.89
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.73*	
		For >250 To 500, Deduct	*-19.68*	
		For >500, Deduct	*-27.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0630	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	191.85	49.89
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-19.19*	
		For >500, Deduct	*-26.89*	
26 51 19 00-0631	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	212.64	49.89
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 250, Deduct	*-12.52*	
		For >250 To 500, Deduct	*-21.26*	
		For >500, Deduct	*-30.01*	
26 51 19 00-0632	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	205.87	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.18*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-28.99*	
26 51 19 00-0633	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	205.92	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-29.00*	
26 51 19 00-0634	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	171.17	49.89
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-10.45*	
		For >250 To 500, Deduct	*-17.12*	
		For >500, Deduct	*-23.79*	
26 51 19 00-0635	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	184.81	49.89
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.13*	
		For >250 To 500, Deduct	*-18.48*	
		For >500, Deduct	*-25.83*	
26 51 19 00-0636	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	181.48	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.15*	
		For >500, Deduct	*-25.33*	
26 51 19 00-0637	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	181.42	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.14*	
		For >500, Deduct	*-25.32*	
26 51 19 00-0638	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	196.81	49.89
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.73*	
		For >250 To 500, Deduct	*-19.68*	
		For >500, Deduct	*-27.63*	
26 51 19 00-0639	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	191.85	49.89
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-19.19*	
		For >500, Deduct	*-26.89*	
26 51 19 00-0640	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	212.64	49.89
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 250, Deduct	*-12.52*	
		For >250 To 500, Deduct	*-21.26*	
		For >500, Deduct	*-30.01*	
26 51 19 00-0641	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	205.87	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.18*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-28.99*	
26 51 19 00-0642	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	205.92	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-29.00*	
26 51 19 00-0643	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	171.17	49.89
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-10.45*	
		For >250 To 500, Deduct	*-17.12*	
		For >500, Deduct	*-23.79*	
26 51 19 00-0644	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	184.81	49.89
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.13*	
		For >250 To 500, Deduct	*-18.48*	
		For >500, Deduct	*-25.83*	
26 51 19 00-0645	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	181.48	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.15*	
		For >500, Deduct	*-25.33*	
26 51 19 00-0646	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	181.42	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.14*	
		For >500, Deduct	*-25.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0647	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	196.81	49.89
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.73*	
		For >250 To 500, Deduct	*-19.68*	
		For >500, Deduct	*-27.63*	
26 51 19 00-0648	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	191.85	49.89
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-19.19*	
		For >500, Deduct	*-26.89*	
26 51 19 00-0649	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	212.64	49.89
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 250, Deduct	*-12.52*	
		For >250 To 500, Deduct	*-21.26*	
		For >500, Deduct	*-30.01*	
26 51 19 00-0650	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	205.87	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.18*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-28.99*	
26 51 19 00-0651	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	205.92	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-29.00*	
26 51 19 00-0652	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	171.17	49.89
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-10.45*	
		For >250 To 500, Deduct	*-17.12*	
		For >500, Deduct	*-23.79*	
26 51 19 00-0653	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	184.81	49.89
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.13*	
		For >250 To 500, Deduct	*-18.48*	
		For >500, Deduct	*-25.83*	
26 51 19 00-0654	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	181.48	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.15*	
		For >500, Deduct	*-25.33*	
26 51 19 00-0655	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	181.42	49.89
		For >50 To 100, Deduct	*-6.43*	
		For >100 To 250, Deduct	*-10.96*	
		For >250 To 500, Deduct	*-18.14*	
		For >500, Deduct	*-25.32*	
26 51 19 00-0656	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	196.81	49.89
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 250, Deduct	*-11.73*	
		For >250 To 500, Deduct	*-19.68*	
		For >500, Deduct	*-27.63*	
26 51 19 00-0657	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	191.85	49.89
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.48*	
		For >250 To 500, Deduct	*-19.19*	
		For >500, Deduct	*-26.89*	
26 51 19 00-0658	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	212.64	49.89
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 250, Deduct	*-12.52*	
		For >250 To 500, Deduct	*-21.26*	
		For >500, Deduct	*-30.01*	
26 51 19 00-0659	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	205.87	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.18*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-28.99*	
26 51 19 00-0660	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	205.92	49.89
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.59*	
		For >500, Deduct	*-29.00*	

26 51 19 00-0661 Ceiling Mounted, LED Mushroom Fixtures (Mobern) *(26 51 19 00-0587)*

26 51 19 00-0662	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	188.86	46.22
		For >50 To 100, Deduct	*-6.45*	
		For >100 To 250, Deduct	*-11.18*	
		For >250 To 500, Deduct	*-18.89*	
		For >500, Deduct	*-26.60*	

26 51 19 00-0663 Ceiling Mounted, LED Fixtures (Sylvania) *(26 51 19 00-0587)*

26 51 19 00-0664	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	719.94	49.89
		For >50 To 100, Deduct	*-19.89*	
		For >100 To 250, Deduct	*-37.89*	
		For >250 To 500, Deduct	*-71.99*	
		For >500, Deduct	*-106.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0665	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	273.89	42.02
		For >50 To 100, Deduct	*-8.42*	
		For >100 To 250, Deduct	*-15.27*	
		For >250 To 500, Deduct	*-27.39*	
		For >500, Deduct	*-39.51*	
26 51 19 00-0666	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	341.42	48.95
		For >50 To 100, Deduct	*-10.37*	
		For >100 To 250, Deduct	*-18.91*	
		For >250 To 500, Deduct	*-34.14*	
		For >500, Deduct	*-49.37*	
26 51 19 00-0667	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	345.51	48.95
		For >50 To 100, Deduct	*-10.48*	
		For >100 To 250, Deduct	*-19.11*	
		For >250 To 500, Deduct	*-34.55*	
		For >500, Deduct	*-49.99*	

26 51 19 00-0668 Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0669 Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0668)*

Note: Fixtures exclude driver.

26 51 19 00-0670	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	283.13	48.95
		For >50 To 100, Deduct	*-8.92*	
		For >100 To 250, Deduct	*-15.99*	
		For >250 To 500, Deduct	*-28.31*	
		For >500, Deduct	*-40.63*	
26 51 19 00-0671	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	367.64	86.66
		For >50 To 100, Deduct	*-12.47*	
		For >100 To 250, Deduct	*-21.66*	
		For >250 To 500, Deduct	*-36.76*	
		For >500, Deduct	*-51.86*	
26 51 19 00-0672	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	337.52	69.33
		For >50 To 100, Deduct	*-11.06*	
		For >100 To 250, Deduct	*-19.50*	
		For >250 To 500, Deduct	*-33.75*	
		For >500, Deduct	*-48.00*	

26 51 19 00-0673 Linear LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0674 Wet Location, Linear LED Fixtures (Cree WS4) *(26 51 19 00-0673)*

26 51 19 00-0675	EA	4' Length, 4,700 Lumens, 50 Watt, Wet Location, Linear LED Fixture (Cree WS4)	575.25	63.02
		For >50 To 100, Deduct	*-17.01*	
		For >100 To 250, Deduct	*-31.39*	
		For >250 To 500, Deduct	*-57.53*	
		For >500, Deduct	*-83.66*	
26 51 19 00-0676	EA	4' Length, 5,000 Lumens, 51 Watt, Wet Location, Linear LED Fixture (Cree WS4)	623.54	63.02
		For >50 To 100, Deduct	*-18.21*	
		For >100 To 250, Deduct	*-33.80*	
		For >250 To 500, Deduct	*-62.35*	
		For >500, Deduct	*-90.91*	
26 51 19 00-0677	EA	4' Length, 5,900 Lumens, 63 Watt, Wet Location, Linear LED Fixture (Cree WS4)	651.50	63.02
		For >50 To 100, Deduct	*-18.91*	
		For >100 To 250, Deduct	*-35.20*	
		For >250 To 500, Deduct	*-65.15*	
		For >500, Deduct	*-95.10*	
26 51 19 00-0678	EA	4' Length, 6,300 Lumens, 64 Watt, Wet Location, Linear LED Fixture (Cree WS4)	651.50	63.02
		For >50 To 100, Deduct	*-18.91*	
		For >100 To 250, Deduct	*-35.20*	
		For >250 To 500, Deduct	*-65.15*	
		For >500, Deduct	*-95.10*	

26 51 19 00-0679 Wall Washers LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0680 LED Wall Washers (GE Lumination™ LW Series) *(26 51 19 00-0679)*

26 51 19 00-0681	EA	4' Length, 5 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	658.02	63.02
		For >50 To 100, Deduct	*-19.08*	
		For >100 To 250, Deduct	*-35.53*	
		For >250 To 500, Deduct	*-65.80*	
		For >500, Deduct	*-96.08*	
26 51 19 00-0682	EA	4' Length, 8 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	841.02	63.02
		For >50 To 100, Deduct	*-23.65*	
		For >100 To 250, Deduct	*-44.68*	
		For >250 To 500, Deduct	*-84.10*	
		For >500, Deduct	*-123.53*	
26 51 19 00-0683	EA	8' Length, 5 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	1,237.27	78.78
		For >50 To 100, Deduct	*-34.21*	
		For >100 To 250, Deduct	*-65.15*	
		For >250 To 500, Deduct	*-123.73*	
		For >500, Deduct	*-182.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0684	EA	8' Length, 8 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	1,603.26	78.78
		For >50 To 100, Deduct	*-43.36*	
		For >100 To 250, Deduct	*-83.45*	
		For >250 To 500, Deduct	*-160.33*	
		For >500, Deduct	*-237.21*	
26 51 19 00-0685	EA	120" Leader Cable (GE LLWB-LC2-120)	148.55	5.75
		For >50 To 100, Deduct	*-4.29*	
		For >100 To 250, Deduct	*-8.00*	
		For >250 To 500, Deduct	*-14.86*	
		For >500, Deduct	*-21.71*	
26 51 19 00-0686	EA	48" Jumper Cable (GE LLWB-JC2-48)	151.09	5.75
		For >50 To 100, Deduct	*-4.35*	
		For >100 To 250, Deduct	*-8.13*	
		For >250 To 500, Deduct	*-15.11*	
		For >500, Deduct	*-22.09*	
26 51 19 00-0687	EA	10 Pack, 48" Mounting Track (GE LWW1-MT48/0)	94.55	32.18
		For >50 To 100, Deduct	*-3.63*	
		For >100 To 250, Deduct	*-5.99*	
		For >250 To 500, Deduct	*-9.46*	
		For >500, Deduct	*-12.92*	

26 51 19 00-0688 Pendant Mount, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0689 Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0688)*

26 51 19 00-0690	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,659.23	107.14
		For >50 To 100, Deduct	*-70.95*	
		For >100 To 250, Deduct	*-137.43*	
		For >250 To 500, Deduct	*-265.92*	
		For >500, Deduct	*-394.42*	
26 51 19 00-0691	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	4,025.95	113.45
		For >50 To 100, Deduct	*-105.38*	
		For >100 To 250, Deduct	*-206.02*	
		For >250 To 500, Deduct	*-402.60*	
		For >500, Deduct	*-599.17*	
26 51 19 00-0692	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	5,146.65	119.74
		For >50 To 100, Deduct	*-133.66*	
		For >100 To 250, Deduct	*-262.32*	
		For >250 To 500, Deduct	*-514.67*	
		For >500, Deduct	*-767.01*	
26 51 19 00-0693	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,513.38	126.05
		For >50 To 100, Deduct	*-168.09*	
		For >100 To 250, Deduct	*-330.92*	
		For >250 To 500, Deduct	*-651.34*	
		For >500, Deduct	*-971.76*	
26 51 19 00-0694	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,821.89	107.14
		For >50 To 100, Deduct	*-75.01*	
		For >100 To 250, Deduct	*-145.56*	
		For >250 To 500, Deduct	*-282.19*	
		For >500, Deduct	*-418.82*	
26 51 19 00-0695	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	4,241.49	113.45
		For >50 To 100, Deduct	*-110.76*	
		For >100 To 250, Deduct	*-216.80*	
		For >250 To 500, Deduct	*-424.15*	
		For >500, Deduct	*-631.50*	
26 51 19 00-0696	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,364.22	119.74
		For >50 To 100, Deduct	*-139.09*	
		For >100 To 250, Deduct	*-273.20*	
		For >250 To 500, Deduct	*-536.42*	
		For >500, Deduct	*-799.64*	
26 51 19 00-0697	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,757.38	126.05
		For >50 To 100, Deduct	*-174.19*	
		For >100 To 250, Deduct	*-343.12*	
		For >250 To 500, Deduct	*-675.74*	
		For >500, Deduct	*-1,008.36*	

26 51 19 00-0698 Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0688)*

26 51 19 00-0699	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	1,026.14	63.02
		For >50 To 100, Deduct	*-28.28*	
		For >100 To 250, Deduct	*-53.93*	
		For >250 To 500, Deduct	*-102.61*	
		For >500, Deduct	*-151.30*	

26 51 19 00-0700 LED Track Lighting *(26 51 19 00-0001)*

26 51 19 00-0701 LED Track Lighting Fixtures *(26 51 19 00-0700)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0702	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	202.00	19.20
		For >50 To 100, Deduct	*-5.77*	
		For >100 To 250, Deduct	*-10.82*	
		For >250 To 500, Deduct	*-20.20*	
		For >500, Deduct	*-29.58*	
26 51 19 00-0703	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	352.88	19.20
		For >50 To 100, Deduct	*-9.54*	
		For >100 To 250, Deduct	*-18.36*	
		For >250 To 500, Deduct	*-35.29*	
		For >500, Deduct	*-52.21*	
26 51 19 00-0704	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	207.73	19.20
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-20.77*	
		For >500, Deduct	*-30.44*	

26 51 19 00-0705 Track Lighting Tracks *(26 51 19 00-0700)*

26 51 19 00-0706	LF	1 Circuit Track Lighting Track	23.49	7.59
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.26*	
26 51 19 00-0707	LF	2 Circuit Track Lighting Track	30.40	7.59
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-3.04*	
		For >500, Deduct	*-4.27*	
26 51 19 00-0708	LF	3 Circuit Track Lighting Track	36.30	7.59
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.63*	
		For >500, Deduct	*-5.13*	
26 51 19 00-0709	LF	4 Circuit Track Lighting Track	42.23	9.19
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.22*	
		For >500, Deduct	*-5.99*	

26 51 19 00-0710 Track Lighting Accessories *(26 51 19 00-0700)*

26 51 19 00-0711 Pendant Mounting *(26 51 19 00-0710)*

26 51 19 00-0712	EA	Track Lighting Pendant Mounting, Up to 12"	26.15	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.49*	
26 51 19 00-0713	EA	Track Lighting Pendant Mounting, >12" To 24"	33.50	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.35*	
		For >500, Deduct	*-4.54*	
26 51 19 00-0714	EA	Track Lighting Pendant Mounting, >24" To 36"	40.81	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.08*	
		For >500, Deduct	*-5.55*	

26 51 23 HID Interior Lighting *(26 51)*

26 51 23 00-0001 Large Interior Area Fixtures *(26 51 23)*

26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.

26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	472.43	122.54
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	491.67	130.12
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	512.99	148.52
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0007 Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	481.42	122.54
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	495.48	130.12
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	525.93	148.52
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy-duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	479.87	111.97
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	492.31	118.91
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	519.57	135.70
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	473.99	111.97
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	485.62	118.91
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	523.83	135.70
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	437.74	118.91
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	470.75	135.70
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	700.71	142.74
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	

26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	405.42	118.91
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	443.41	135.70
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	588.60	142.74
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0029		Induction, High Bay Fixtures *(26 51 23 00-0020)*		
26 51 23 00-0030		Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*		
		Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	482.36	103.99
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	517.45	107.45
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	526.83	110.93
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	574.25	114.39
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	588.76	117.85
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	518.36	103.99
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	553.46	107.45
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	562.83	110.93
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	610.26	114.39
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	624.77	117.85
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0041		Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*		
		Note: Heavy-duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51 23 00-0042		High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*		
26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	376.49	79.66
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	680.56	79.66
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	783.09	79.66
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	1,050.04	79.66
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0047		Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*		
26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	309.77	79.66
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	325.34	88.40
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	345.77	95.75
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	387.05	114.04
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	164.63	33.11
		For ICAT Housing, Add	*14.86*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	172.32	33.11
		For ICAT Housing, Add	*15.85*	
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	181.03	34.49
		For ICAT Housing, Add	*16.68*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	187.52	35.98
		For ICAT Housing, Add	*17.22*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	193.95	37.47
		For ICAT Housing, Add	*17.75*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	199.45	39.78
		For ICAT Housing, Add	*18.02*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	107.60	19.20

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	170.44	45.98
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	175.64	45.98
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	186.18	45.98
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	202.03	45.98
		For Wall Mounted, Add	*6.30*	

26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	158.09	45.98
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	164.54	45.98
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	189.46	45.98
		For Wall Mounted, Add	*6.67*	

26 51 33 Interior Lighting Accessories *(26 51)*

26 51 33 00-0001 Accessories And Modifiers For Fixtures *(26 51 33)*

26 51 33 00-0002 Lens Modifications *(26 51 33 00-0001)*

26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	38.81
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	47.94
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	50.23
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	54.79
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	66.21
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	15.98
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	22.83
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	25.11
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	29.68

26 51 33 00-0012 Pendant Mounting Modifications *(26 51 33 00-0001)*

Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.

26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	17.35
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	20.09
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	25.71
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	30.36
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	38.35
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	52.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0019		**Fluorescent Light Accessories** *(26 51 33 00-0001)*		
26 51 33 00-0020	EA	Blank Metal Light Box Plate	31.61	
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor	175.77	
26 51 33 00-0022		**Wire Guards** *(26 51 33 00-0001)*		
26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture	72.56	5.76
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture	101.44	9.22
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture	81.04	6.34
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture	114.80	9.80
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture	99.28	6.91
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture	135.49	10.37
26 51 33 00-0029		**Lighting Accessories** *(26 51 33)*		
26 51 33 00-0030		**Modular Flexible Wiring Systems** *(26 51 33 00-0029)*		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	103.81	6.21
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	124.18	6.21
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	150.73	6.21
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	124.18	6.21
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	100.31	6.21
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	153.78	6.21
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	82.21	6.21
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	94.03	6.21
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	124.70	6.21
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	124.70	6.21
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	126.93	6.21
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	126.11	6.21
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	126.11	6.21
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	146.01	6.21
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	63.21	6.21
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	58.56	6.21
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	60.18	6.21
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	77.40	6.21
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	103.81	6.21
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	106.61	6.21
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	81.68	6.21
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	58.56	6.21
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	51.72	
26 51 33 00-0054		**Additional Lighting Wire Whips** *(26 51 33)*		
26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.90	
26 51 33 00-0056		**Removal And Reinstallation Of Light Fixtures** *(26 51 33)* Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	122.37	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	139.85	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001		**Commercial Emergency Lights** *(26 52 13 13)*		
26 52 13 13-0002		**Polycarbonate Housing, Commercial Emergency Lights** *(26 52 13 13-0001)* Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	249.01	28.74
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	168.51	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	273.86	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	321.55	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	485.44	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	551.97	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	811.17	28.74
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	169.43	17.24
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	170.63	17.24
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	174.65	17.24
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	174.00	17.24
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	149.30	17.24
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	100.24	17.24

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	449.24	28.74
		For Wireguard, Add	*235.71*	
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	374.81	28.74
		For Wireguard, Add	*235.71*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	592.35	28.74
		For Wireguard, Add	*235.71*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	629.89	28.74
		For Wireguard, Add	*235.71*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	905.22	28.74
		For Wireguard, Add	*251.06*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,431.92	28.74
		For Wireguard, Add	*251.06*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	128.51	17.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	133.19	17.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	129.17	17.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	129.93	17.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	133.19	17.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	156.92	17.24
		For Wireguard, Add	*190.22*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	443.26	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	482.98	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	472.10	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	499.85	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	851.35	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	665.80	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	747.42	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	788.77	28.74
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	

26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	110.56	17.24
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	120.03	17.24
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	110.67	17.24
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	117.63	17.24
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	99.74	17.24

26 52 13 13-0049 Outdoor Emergency Lights *(26 52 13 13)*

26 52 13 13-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*

Note: Includes nickel-cadmium batteries.

26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	705.52	28.74
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	844.27	28.74

26 52 13 13-0053 Recessed Emergency Lights *(26 52 13 13)*

26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	770.57	28.74
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	594.02	57.48
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*251.06*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	862.93	57.48
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*251.06*	

26 52 13 13-0057 Square Wraparound Emergency Lights *(26 52 13 13)*

26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	346.44	28.74

26 52 13 16 Exit Signs *(26 52 13)*

Note: Excludes pendants.

26 52 13 16-0001 LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	194.08	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.80*	
		For >250 To 500, Deduct	*-19.41*	
		For >500, Deduct	*-27.01*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	194.08	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.80*	
		For >250 To 500, Deduct	*-19.41*	
		For >500, Deduct	*-27.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	276.39	42.02
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.01*	
		For >100 To 250, Deduct	*-15.92*	
		For >250 To 500, Deduct	*-27.64*	
		For >500, Deduct	*-39.36*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	276.39	42.02
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.01*	
		For >100 To 250, Deduct	*-15.92*	
		For >250 To 500, Deduct	*-27.64*	
		For >500, Deduct	*-39.36*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	305.81	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.75*	
		For >100 To 250, Deduct	*-17.39*	
		For >250 To 500, Deduct	*-30.58*	
		For >500, Deduct	*-43.77*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	348.72	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.82*	
		For >100 To 250, Deduct	*-19.54*	
		For >250 To 500, Deduct	*-34.87*	
		For >500, Deduct	*-50.21*	
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	287.87	42.02
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-16.49*	
		For >250 To 500, Deduct	*-28.79*	
		For >500, Deduct	*-41.08*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	319.02	42.02
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-10.08*	
		For >100 To 250, Deduct	*-18.05*	
		For >250 To 500, Deduct	*-31.90*	
		For >500, Deduct	*-45.75*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) Note: Includes two circular side mounted krypton emergency lights.	365.20	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-12.00*	
		For >100 To 250, Deduct	*-21.13*	
		For >250 To 500, Deduct	*-36.52*	
		For >500, Deduct	*-51.91*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) Note: Includes two circular side mounted LED emergency lights.	310.01	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.62*	
		For >100 To 250, Deduct	*-18.37*	
		For >250 To 500, Deduct	*-31.00*	
		For >500, Deduct	*-43.63*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) Note: Includes two rectangular front mounted high intensity tungsten emergency lights.	462.37	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.43*	
		For >100 To 250, Deduct	*-25.99*	
		For >250 To 500, Deduct	*-46.24*	
		For >500, Deduct	*-66.48*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) Note: Includes two circular side mounted PAR 36 emergency lights.	484.98	42.02
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-15.00*	
		For >100 To 250, Deduct	*-27.12*	
		For >250 To 500, Deduct	*-48.50*	
		For >500, Deduct	*-69.87*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	124.74	42.02
		For >50 To 100, Deduct	*-5.22*	
		For >100 To 250, Deduct	*-8.34*	
		For >250 To 500, Deduct	*-12.47*	
		For >500, Deduct	*-16.61*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	125.27	42.02
		For >50 To 100, Deduct	*-5.23*	
		For >100 To 250, Deduct	*-8.36*	
		For >250 To 500, Deduct	*-12.53*	
		For >500, Deduct	*-16.69*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*
Note: Includes red LED lamps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	271.15	42.02
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.88*	
		For >100 To 250, Deduct	*-15.66*	
		For >250 To 500, Deduct	*-27.12*	
		For >500, Deduct	*-38.57*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	274.12	42.02
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 250, Deduct	*-15.81*	
		For >250 To 500, Deduct	*-27.41*	
		For >500, Deduct	*-39.02*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	294.22	42.02
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.46*	
		For >100 To 250, Deduct	*-16.81*	
		For >250 To 500, Deduct	*-29.42*	
		For >500, Deduct	*-42.03*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	354.30	42.02
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-10.96*	
		For >100 To 250, Deduct	*-19.82*	
		For >250 To 500, Deduct	*-35.43*	
		For >500, Deduct	*-51.04*	

26 52 13 16-0021 Self-Luminous Tritium Exit Signs *(26 52 13 16)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	593.32	42.02
		For >50 To 100, Deduct	*-16.93*	
		For >100 To 250, Deduct	*-31.77*	
		For >250 To 500, Deduct	*-59.33*	
		For >500, Deduct	*-86.90*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	1,102.07	42.02
		For >50 To 100, Deduct	*-29.65*	
		For >100 To 250, Deduct	*-57.20*	
		For >250 To 500, Deduct	*-110.21*	
		For >500, Deduct	*-163.21*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	709.22	42.02
		For >50 To 100, Deduct	*-19.83*	
		For >100 To 250, Deduct	*-37.56*	
		For >250 To 500, Deduct	*-70.92*	
		For >500, Deduct	*-104.28*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,195.12	42.02
		For >50 To 100, Deduct	*-31.98*	
		For >100 To 250, Deduct	*-61.86*	
		For >250 To 500, Deduct	*-119.51*	
		For >500, Deduct	*-177.17*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	651.00	42.02
		For >50 To 100, Deduct	*-18.38*	
		For >100 To 250, Deduct	*-34.65*	
		For >250 To 500, Deduct	*-65.10*	
		For >500, Deduct	*-95.55*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,195.12	42.02
		For >50 To 100, Deduct	*-31.98*	
		For >100 To 250, Deduct	*-61.86*	
		For >250 To 500, Deduct	*-119.51*	
		For >500, Deduct	*-177.17*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	801.72	42.02
		For >50 To 100, Deduct	*-22.14*	
		For >100 To 250, Deduct	*-42.19*	
		For >250 To 500, Deduct	*-80.17*	
		For >500, Deduct	*-118.16*	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,486.76	42.02
		For >50 To 100, Deduct	*-39.27*	
		For >100 To 250, Deduct	*-76.44*	
		For >250 To 500, Deduct	*-148.68*	
		For >500, Deduct	*-220.91*	

26 52 13 16-0030 Vandal-Resistant LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	559.04	42.02
		For >50 To 100, Deduct	*-16.08*	
		For >100 To 250, Deduct	*-30.05*	
		For >250 To 500, Deduct	*-55.90*	
		For >500, Deduct	*-81.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	874.09	42.02
		For >50 To 100, Deduct	*-23.95*	
		For >100 To 250, Deduct	*-45.81*	
		For >250 To 500, Deduct	*-87.41*	
		For >500, Deduct	*-129.01*	
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,067.25	42.02
		For >50 To 100, Deduct	*-28.78*	
		For >100 To 250, Deduct	*-55.46*	
		For >250 To 500, Deduct	*-106.73*	
		For >500, Deduct	*-157.99*	
26 52 13 16-0034		Removal And Reinstallation Of Exit Light Fixture *(26 52 13 16)* Note: Includes storage, cleaning and supply materials.		
26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	86.22	
		For >50 To 100, Deduct	*-4.31*	
		For >100 To 250, Deduct	*-6.47*	
		For >250 To 500, Deduct	*-8.62*	
		For >500, Deduct	*-10.78*	
26 52 13 16-0036		Exit Sign Accessories *(26 52 13 16)*		
26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	131.85	11.53
		For >50 To 100, Deduct	*-3.87*	
		For >100 To 250, Deduct	*-7.17*	
		For >250 To 500, Deduct	*-13.19*	
		For >500, Deduct	*-19.20*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	75.54	11.53
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-7.55*	
		For >500, Deduct	*-10.75*	
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	123.41	9.22
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-6.63*	
		For >250 To 500, Deduct	*-12.34*	
		For >500, Deduct	*-18.05*	
26 52 13 16-0040	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	130.98	
		For >50 To 100, Deduct	*-3.99*	
		For >100 To 250, Deduct	*-7.27*	
		For >250 To 500, Deduct	*-13.10*	
		For >500, Deduct	*-18.93*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001		Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*		
26 54 19 00-0002		Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)* Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,771.65	94.53
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-73.23*	
		For >100 To 250, Deduct	*-142.52*	
		For >250 To 500, Deduct	*-277.17*	
		For >500, Deduct	*-411.81*	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,398.48	100.83
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-89.16*	
		For >100 To 250, Deduct	*-174.13*	
		For >250 To 500, Deduct	*-339.85*	
		For >500, Deduct	*-505.57*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	3,840.44	107.14
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-100.48*	
		For >100 To 250, Deduct	*-196.49*	
		For >250 To 500, Deduct	*-384.04*	
		For >500, Deduct	*-571.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	4,294.70	113.45
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-112.09*	
		For >100 To 250, Deduct	*-219.46*	
		For >250 To 500, Deduct	*-429.47*	
		For >500, Deduct	*-639.48*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0008	EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,630.30	88.23
		For 12/24 Volt DC Driver, Add	*30.41*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Temperature LEDs, Add	*80.00*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*41.40*	
		For Stanchion Mount, Add	*256.35*	
		For Ceiling Mount, Add	*102.79*	
		For Wall Mount, Add	*150.05*	
		For Teflon Coated Lens, Add	*131.89*	
		For Wall Mount With Junction Box, Add	*219.09*	
		For >50 To 100, Deduct	*-44.43*	
		For >100 To 250, Deduct	*-85.19*	
		For >250 To 500, Deduct	*-163.03*	
		For >500, Deduct	*-240.87*	

26 54 19 00-0009 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0010	EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,605.12	88.23
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-68.80*	
		For >100 To 250, Deduct	*-133.93*	
		For >250 To 500, Deduct	*-260.51*	
		For >500, Deduct	*-387.09*	
26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,886.36	94.53
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-76.10*	
		For >100 To 250, Deduct	*-148.26*	
		For >250 To 500, Deduct	*-288.64*	
		For >500, Deduct	*-429.02*	
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	3,235.55	100.83
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-85.09*	
		For >100 To 250, Deduct	*-165.98*	
		For >250 To 500, Deduct	*-323.56*	
		For >500, Deduct	*-481.13*	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	4,221.94	107.14
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-110.01*	
		For >100 To 250, Deduct	*-215.56*	
		For >250 To 500, Deduct	*-422.19*	
		For >500, Deduct	*-628.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0014	EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,846.48	113.45
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-125.89*	
		For >100 To 250, Deduct	*-247.05*	
		For >250 To 500, Deduct	*-484.65*	
		For >500, Deduct	*-722.25*	

26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*

26 54 19 00-0016 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	6,129.31	94.53
		For Wall Mount, Deduct	*-23.89*	
		For Warm Color Temperature LEDs, Add	*128.73*	
		For Stainless Steel Guard, Add	*231.06*	
		For Ceiling Mount, Add	*278.73*	
		For Stanchion Mount, Add	*324.40*	
		For Yoke Mount, Add	*811.00*	
		For >50 To 100, Deduct	*-157.17*	
		For >100 To 250, Deduct	*-310.40*	
		For >250 To 500, Deduct	*-612.93*	
		For >500, Deduct	*-915.46*	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	7,472.28	100.83
		For Wall Mount, Deduct	*-23.89*	
		For Warm Color Temperature LEDs, Add	*128.73*	
		For Stainless Steel Guard, Add	*231.06*	
		For Ceiling Mount, Add	*278.73*	
		For Stanchion Mount, Add	*324.40*	
		For Yoke Mount, Add	*811.00*	
		For >50 To 100, Deduct	*-191.01*	
		For >100 To 250, Deduct	*-377.82*	
		For >250 To 500, Deduct	*-747.23*	
		For >500, Deduct	*-1,116.64*	
26 54 19 00-0019	EA	9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	8,694.26	107.14
		For Wall Mount, Deduct	*-23.89*	
		For Warm Color Temperature LEDs, Add	*128.73*	
		For Stainless Steel Guard, Add	*231.06*	
		For Ceiling Mount, Add	*278.73*	
		For Stanchion Mount, Add	*324.40*	
		For Yoke Mount, Add	*811.00*	
		For >50 To 100, Deduct	*-221.82*	
		For >100 To 250, Deduct	*-439.18*	
		For >250 To 500, Deduct	*-869.43*	
		For >500, Deduct	*-1,299.67*	
26 54 19 00-0020	EA	10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	9,938.84	113.45
		For Wall Mount, Deduct	*-23.89*	
		For Warm Color Temperature LEDs, Add	*128.73*	
		For Stainless Steel Guard, Add	*231.06*	
		For Ceiling Mount, Add	*278.73*	
		For Stanchion Mount, Add	*324.40*	
		For Yoke Mount, Add	*811.00*	
		For >50 To 100, Deduct	*-253.20*	
		For >100 To 250, Deduct	*-501.67*	
		For >250 To 500, Deduct	*-993.88*	
		For >500, Deduct	*-1,486.10*	
26 54 19 00-0021	EA	13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	11,532.21	109.24
		For Wall Mount, Deduct	*-23.89*	
		For Warm Color Temperature LEDs, Add	*128.73*	
		For Stainless Steel Guard, Add	*231.06*	
		For Ceiling Mount, Add	*278.73*	
		For Stanchion Mount, Add	*324.40*	
		For Yoke Mount, Add	*811.00*	
		For >50 To 100, Deduct	*-293.29*	
		For >100 To 250, Deduct	*-581.60*	
		For >250 To 500, Deduct	*-1,153.22*	
		For >500, Deduct	*-1,724.84*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

26 55 13 00-0001 Bollards *(26 55 13)*

Note: Excludes concrete base.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,616.17	97.71
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,627.66	103.46
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,639.16	109.20
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,513.46	114.95
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,616.17	97.71
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,627.66	103.46
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,639.16	109.20
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,513.46	114.95
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,616.17	97.71
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,627.66	103.46
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,639.16	109.20
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,513.46	114.95
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,616.17	97.71
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,627.66	103.46
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,639.16	109.20
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,513.46	114.95
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,553.17	97.71
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,564.66	103.46
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.16	109.20
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,449.88	114.95
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,553.17	97.71
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,564.66	103.46
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.16	109.20
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,449.88	114.95
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,553.17	97.71
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,564.66	103.46
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.16	109.20
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,449.88	114.95
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,553.17	97.71
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,564.66	103.46
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.16	109.20
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,449.88	114.95
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,697.97	97.71
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,709.46	103.46
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,720.96	109.20
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,594.68	114.95
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,697.97	97.71
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,709.46	103.46
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,720.96	109.20
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,594.68	114.95
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,697.97	97.71
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,709.46	103.46
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,720.96	109.20
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,663.14	114.95
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,634.40	97.71
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,645.89	103.46
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,657.39	109.20
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,531.11	114.95
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,634.40	97.71
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,645.89	103.46
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,657.39	109.20
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,531.11	114.95
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,634.40	97.71
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,645.89	103.46
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,657.39	109.20
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,531.11	114.95
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,609.00	97.71
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,620.49	103.46
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.99	109.20
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,507.57	114.95
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,609.00	97.71
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,620.49	103.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.99	109.20
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,507.57	114.95
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,609.00	97.71
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,620.49	103.46
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.99	109.20
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,507.57	114.95
26 55 13 00-0079		**Round, Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,546.81	97.71
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,558.30	103.46
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.80	109.20
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,446.58	114.95
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,546.81	97.71
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,558.30	103.46
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.80	109.20
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,446.58	114.95
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,546.81	97.71
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,558.30	103.46
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.80	109.20
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,446.58	114.95
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,931.90	97.71
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,943.39	103.46
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,954.89	109.20
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,832.19	114.95
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,364.82	97.71
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,376.31	103.46
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,387.81	109.20
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,262.96	114.95
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,867.32	97.71
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,878.81	103.46
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,890.31	109.20
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,765.46	114.95
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,300.24	97.71
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,311.73	103.46
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,323.23	109.20
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,199.15	114.95
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,549.49	287.38
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,754.90	383.14
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	787.43	209.22
26 55 13 00-0116	EA	Low Voltage Walkway	562.59	114.95
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	548.89	153.47
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	477.91	114.95
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	930.39	183.92
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	1,021.12	183.92
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	827.55	183.92
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	845.70	183.92
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	900.14	183.92
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	894.09	183.92
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,158.13	183.92
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,278.74	183.92
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	423.47	114.95
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	405.32	114.95
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	663.82	153.47
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	347.19	91.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0135	EA	Fluorescent Step Light	407.73	91.96
26 55 13 00-0136	EA	5 Watt, LED Step Light	638.23	91.96
26 55 13 00-0137	EA	15 Watt, LED Step Light	766.88	91.96
26 55 13 00-0138		Tree Lights, Surface Adjustable *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	742.46	153.47
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	760.60	153.47
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	943.74	229.90
26 55 13 00-0142		Step Lighting Faceplate Trim Replacement *(26 55 13)*		
26 55 13 00-0143	EA	8.07" x 3.62", Bronze Finish, Diffused Lens, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STO209 #TA9138U9)	70.83	16.10
26 55 13 00-0144	EA	9.84" x 3.62", Bronze Finish, Diffused Lens, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STO259 #TA9132U9)	85.77	16.10
26 55 13 00-0145	EA	9.84" x 3.62", Bronze Finish, Diffused Lens, Recessed Vertical Step Lighting Faceplate Trim (WE-EF SVO259 #133-0107)	162.34	16.10
26 55 13 00-0146	EA	8.07" x 3.62", Bronze Finish, Diffused Grille, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STG209 #TA9139U9)	91.37	16.10
26 55 13 00-0147	EA	9.84" x 3.62", Bronze Finish, Diffused Grille, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STG259 #TA9133U9)	98.84	16.10
26 55 13 00-0148	EA	8.07" x 3.62", Bronze Finish, Shielded Louver, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STL209 #TA9140U9)	82.04	16.10
26 55 13 00-0149	EA	9.84" x 3.62", Bronze Finish, Shielded Louver, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STL259 #TA9134U9)	96.98	16.10
26 55 13 00-0150	EA	9.84" x 3.62", Bronze Finish, Shielded Louver, Recessed Vertical Step Lighting Faceplate Trim (WE-EF SVL259 #133-0114)	108.18	16.10
26 55 13 00-0151	EA	8.07" x 3.62", Bronze Finish, Asymmetric Forward Throw, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STP209 #TA9141U9)	82.04	16.10
26 55 13 00-0152	EA	9.84" x 3.62", Bronze Finish, Asymmetric Forward Throw, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STP259 #TA9135U9)	96.98	16.10
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		Incandescent Walkway *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	394.30	106.90
26 55 16 00-0003		Metal Halide Walkway *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	606.47	168.07
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	642.21	174.16
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	692.47	180.82
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	741.58	195.42
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	660.95	180.82
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	667.11	168.07
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	680.06	174.16
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	538.95	119.78
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	570.48	119.78
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	602.00	119.78
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	679.63	134.84
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	514.73	107.60
26 55 16 00-0016		High Pressure Sodium Walkway *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	547.33	168.07
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	577.93	174.16
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	620.07	180.82
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	664.89	195.42
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	595.45	180.82
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	594.71	168.07
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	607.50	174.16
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	473.45	119.78
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	498.07	119.78
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	522.70	119.78
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	589.99	134.84
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	498.76	107.60
26 55 16 00-0029		Walkway, Adjustable *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	571.32	153.47
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	586.87	153.47
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,009.34	229.90
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	478.74	114.95
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	499.48	114.95
26 55 16 00-0035		LED Walkway *(26 55 16)*		
26 55 16 00-0036		LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0035)*		

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0037	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	967.16	88.23
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0038	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	998.70	88.23
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0039	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,054.37	88.23
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0040	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,097.04	88.23
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0041	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,259.67	113.45
		For Multi-Level Drive Currents, Add	*259.76*	

26 55 16 00-0042 Wall Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0043	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	4,576.43	

26 55 16 00-0044 Pole Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0045	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	4,215.15	
26 55 16 00-0046	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	4,137.69	

26 55 29 Underwater Lighting *(26 55)*

26 55 29 00-0001 Underwater Lights *(26 55 29)*

26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	618.66	76.45
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	691.25	76.45
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,711.90	114.95
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	648.91	76.45
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	733.59	76.45
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,886.97	172.43

26 55 39 Helipad Lighting *(26 55)*

26 55 39 00-0001	EA	Heliport Perimeter Light, 40 Watt With Base Housing	502.98	157.55
26 55 39 00-0002	EA	Heliport Landing Direction Light, 40 Watt With Base Housing	502.98	157.55
26 55 39 00-0003	EA	Heliport Pad Insert Light, 40 Watt With Base Housing	1,401.51	157.55
26 55 39 00-0004	EA	Heliport 10' Steel Pole, With 2 - 500 Watt Floodlights	5,325.44	420.16
26 55 39 00-0005	EA	Heliport 1 Obstruction Light, 69 Watt	487.44	131.30
26 55 39 00-0006	EA	Heliport 2 Obstruction Light, 2 - 69 Watt	627.78	157.55
26 55 39 00-0007	EA	Lighted Wind Cone, 8' Wind Sock x 20' Standard 4 Deep Bowl - 150 Watt Fixture Reflector Fixtures, 1 - 69 Watt Obstruction Light	6,294.72	1,611.13
26 55 39 00-0008	EA	Heliport Light Photoelectric Control	644.82	105.04
26 55 39 00-0009	EA	Heliport Air To Ground Radio Control Receiver	2,883.62	210.07

26 55 53 Security Lighting *(26 55)*

26 55 53 11 Security Flood Lighting *(26 55 53)*

26 55 53 11-0001 Flood Lights (General Electric Powerflood®) *(26 55 53 11)*

26 55 53 11-0002 MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 55 53 11-0003 High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	371.85	96.67
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	375.42	96.67
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	381.37	96.67

26 55 53 11-0007 Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	513.47	96.67

26 55 53 11-0009 P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0010 High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	770.72	128.89
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	775.48	128.89
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	783.81	128.89
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	877.83	128.89
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	905.20	128.89

26 55 53 11-0016 Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	762.39	128.89
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	804.05	128.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	825.47	128.89
26 55 53 11-0020		PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	782.70	145.01
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	788.65	145.01
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	798.17	145.01
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	891.00	145.01
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	917.18	145.01
26 55 53 11-0027		Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	775.56	145.01
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	816.02	145.01
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	837.45	145.01
26 55 53 11-0031		PF-400 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032		High Pressure Sodium PF-400 Series GE Flood Lights *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,063.56	145.01
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,146.87	145.01
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,140.92	145.01
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,170.67	145.01
26 55 53 11-0037		Metal Halide PF-400 GE Flood Lights *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,094.51	145.01
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,119.50	145.01
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,145.68	145.01
26 55 53 11-0041		PF-1000 (Large Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		High Pressure Sodium PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,451.63	161.12
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,451.63	161.12
26 55 53 11-0045		Metal Halide PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,382.61	161.12
26 55 53 11-0047		HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,177.81	145.01
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,200.43	145.01
26 55 53 11-0051		Metal Halide HLU/VLU Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,190.91	145.01
26 55 53 11-0053		Accessories For Powerflood GE Flood Lights *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	201.30	32.23
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	113.23	32.23
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	167.98	32.23
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	126.33	32.23
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	314.72	96.67
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	139.42	32.23
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	225.46	96.67
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	236.17	96.67
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	102.52	32.23
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	98.95	32.23
26 55 53 11-0064		Flood Lights (Lithonia Contour Series) *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	707.36	128.89
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	776.08	128.89
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	843.37	128.89
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	927.34	128.89
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	910.80	128.89
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	884.14	128.89
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	882.16	128.89
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	920.49	128.89
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,097.65	145.01
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,120.57	145.01
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	1,046.14	145.01
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	1,046.14	145.01
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,082.08	145.01
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,054.01	128.89
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,088.31	128.89
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,116.97	128.89
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	1,042.54	128.89
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,076.89	128.89
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	2,069.01	161.12
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,582.19	161.12
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,753.99	161.12
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	172.43	32.23
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	341.07	32.23
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	140.61	32.23
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	192.14	32.23
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	422.38	96.67
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	331.19	96.67
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	331.19	96.67
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	367.56	96.67
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	164.60	32.23
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	129.66	32.23
26 55 53 11-0110		Flood Lights (Eaton) *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,130.89	128.89
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*61.61*	
		For >50 To 100, Deduct	*-34.72*	
		For >100 To 250, Deduct	*-62.99*	
		For >250 To 500, Deduct	*-113.09*	
		For >500, Deduct	*-163.19*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,411.02	142.13
		For >50 To 100, Deduct	*-42.38*	
		For >100 To 250, Deduct	*-77.66*	
		For >250 To 500, Deduct	*-141.10*	
		For >500, Deduct	*-204.55*	

26 55 53 11-0113 Flood Lights (Ruud) *(26 55 53 11)*

26 55 53 11-0114 NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.

26 55 53 11-0115 High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	462.29	96.67
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	462.29	96.67
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	462.29	96.67
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	462.29	96.67
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	462.29	96.67

26 55 53 11-0121 Metal Halide NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	528.94	96.67
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	528.94	96.67
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	528.94	96.67

26 55 53 11-0125 Compact Fluorescent NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	393.27	96.67
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	409.93	96.67
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	414.69	96.67
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	419.45	96.67

26 55 53 11-0130 NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.

26 55 53 11-0131 High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	713.68	145.01
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	756.52	145.01
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	780.32	145.01

26 55 53 11-0135 Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	704.15	145.01
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	708.92	145.01
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	723.20	145.01

26 55 53 11-0139 Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	687.49	145.01

26 55 53 11-0141 FS (Square) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.

26 55 53 11-0142 High Pressure Sodium FS Series Ruud Flood Lights *(26 55 53 11-0141)*

26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	839.83	145.01
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	844.59	145.01
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,452.83	161.12

26 55 53 11-0146 Metal Halide FS Series Ruud Flood Lights *(26 55 53 11-0141)*

26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	839.83	145.01
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	844.59	145.01
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	858.87	145.01
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,295.73	161.12

26 55 53 11-0151 MFS (Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.

26 55 53 11-0152 High Pressure Sodium MFS Series Ruud Flood Lights *(26 55 53 11-0151)*

26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	655.28	128.89
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	705.27	128.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	705.27	128.89
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	705.27	128.89
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	705.27	128.89
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	721.93	128.89
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	721.93	128.89
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	721.93	128.89
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	695.75	128.89
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	714.79	128.89
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	764.77	128.89
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	764.77	128.89
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	764.77	128.89
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	764.77	128.89
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	781.43	128.89
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	781.43	128.89
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	781.43	128.89
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	755.25	128.89
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	951.70	145.01
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	975.50	145.01
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,512.33	161.12
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	899.33	145.01
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	904.09	145.01
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	918.37	145.01
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,355.24	161.12
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,236.23	161.12
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,483.77	161.12
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,179.10	161.12
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,326.67	161.12
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	985.02	145.01
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	1,008.82	145.01
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	932.65	145.01
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	937.41	145.01
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	951.70	145.01
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,388.56	161.12
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	100.14	32.23
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	164.41	32.23
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	116.80	32.23
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	140.61	32.23
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	274.26	96.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	85.86	32.23
26 55 53 11-0208		Flood Lights (Lumark) *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	242.01	96.67
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	312.22	96.67
26 55 53 11-0213		Flood Lights (Kim Lighting) *(26 55 53 11)*		
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	549.35	40.33
		For >50 To 100, Deduct	*-15.75*	
		For >100 To 250, Deduct	*-29.48*	
		For >250 To 500, Deduct	*-54.94*	
		For >500, Deduct	*-80.39*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	681.45	40.33
		For >50 To 100, Deduct	*-19.05*	
		For >100 To 250, Deduct	*-36.09*	
		For >250 To 500, Deduct	*-68.15*	
		For >500, Deduct	*-100.20*	
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 55 53 11-0218)*		
		Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light	843.75	40.33
		For >50 To 100, Deduct	*-23.11*	
		For >100 To 250, Deduct	*-44.20*	
		For >250 To 500, Deduct	*-84.38*	
		For >500, Deduct	*-124.55*	
26 55 53 11-0221		Flood Lights (CREE® BetaLED®) *(26 55 53 11)*		
26 55 53 11-0222		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,249.36	116.29
		For >50 To 100, Deduct	*-37.05*	
		For >100 To 250, Deduct	*-68.28*	
		For >250 To 500, Deduct	*-124.94*	
		For >500, Deduct	*-181.59*	
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,369.91	122.75
		For >50 To 100, Deduct	*-40.39*	
		For >100 To 250, Deduct	*-74.63*	
		For >250 To 500, Deduct	*-136.99*	
		For >500, Deduct	*-199.35*	
26 55 53 11-0225		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,082.44	109.83
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-32.55*	
		For >100 To 250, Deduct	*-59.61*	
		For >250 To 500, Deduct	*-108.24*	
		For >500, Deduct	*-156.87*	
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,368.11	116.29
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-40.02*	
		For >100 To 250, Deduct	*-74.22*	
		For >250 To 500, Deduct	*-136.81*	
		For >500, Deduct	*-199.40*	
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,653.79	122.75
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-47.48*	
		For >100 To 250, Deduct	*-88.83*	
		For >250 To 500, Deduct	*-165.38*	
		For >500, Deduct	*-241.93*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)		2,048.93	129.21
		For 480 Volt, Add		*111.02*	
		For >50 To 100, Deduct		*-57.68*	
		For >100 To 250, Deduct		*-108.91*	
		For >250 To 500, Deduct		*-204.89*	
		For >500, Deduct		*-300.88*	
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)		2,334.61	135.67
		For 480 Volt, Add		*111.02*	
		For >50 To 100, Deduct		*-65.15*	
		For >100 To 250, Deduct		*-123.51*	
		For >250 To 500, Deduct		*-233.46*	
		For >500, Deduct		*-343.41*	
26 55 53 11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)		2,620.28	142.13
		For 480 Volt, Add		*111.02*	
		For >50 To 100, Deduct		*-72.61*	
		For >100 To 250, Deduct		*-138.12*	
		For >250 To 500, Deduct		*-262.03*	
		For >500, Deduct		*-385.94*	
26 55 53 11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)		2,993.16	148.59
		For 480 Volt, Add		*111.02*	
		For >50 To 100, Deduct		*-82.26*	
		For >100 To 250, Deduct		*-157.09*	
		For >250 To 500, Deduct		*-299.32*	
		For >500, Deduct		*-441.54*	
26 55 53 11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)		3,278.83	155.05
		For 480 Volt, Add		*111.02*	
		For >50 To 100, Deduct		*-89.72*	
		For >100 To 250, Deduct		*-171.69*	
		For >250 To 500, Deduct		*-327.88*	
		For >500, Deduct		*-484.07*	

26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0235	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)		2,510.81	142.13
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add		*21.88*	
		For Bird Spikes, Add		*48.68*	
		For 5,000K Color Temperature, Add		*54.71*	
		For Fuse, Add		*65.65*	
		For 0 To 10 Volt Dimming, Add		*65.65*	
		For 480 Volt, Add		*98.48*	
		For Multi-Level, Add		*142.23*	
		For 1,000mA Driver, Add		*183.82*	
		For >50 To 100, Deduct		*-69.88*	
		For >100 To 250, Deduct		*-132.65*	
		For >250 To 500, Deduct		*-251.08*	
		For >500, Deduct		*-369.52*	
26 55 53 11-0236	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)		4,275.76	174.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add		*21.88*	
		For 5,000K Color Temperature, Add		*54.71*	
		For Fuse, Add		*65.65*	
		For 0 To 10 Volt Dimming, Add		*65.65*	
		For Bird Spikes, Add		*72.60*	
		For Multi-Level, Add		*142.23*	
		For 1,000mA Driver, Add		*183.82*	
		For 480 Volt, Add		*196.94*	
		For >50 To 100, Deduct		*-115.62*	
		For >100 To 250, Deduct		*-222.51*	
		For >250 To 500, Deduct		*-427.58*	
		For >500, Deduct		*-632.64*	

26 55 53 11-0237 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0238	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)		1,456.13	142.13
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add		*21.88*	
		For Front Facing Optics, Back Light Shield, Add		*37.18*	
		For Rotated Optics, Back Light Shield, Add		*37.18*	
		For Field Adjustable Output, Add		*32.83*	
		For Fuse, Add		*65.65*	
		For 0 To 10 Volt Dimming, Add		*65.65*	
		For Multi-Level, Add		*142.23*	
		For >50 To 100, Deduct		*-43.51*	
		For >100 To 250, Deduct		*-79.91*	
		For >250 To 500, Deduct		*-145.61*	
		For >500, Deduct		*-211.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0239	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL)	1,559.53	142.13
		Note: Type III, IV or V medium optics only.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Front Facing Optics, Back Light Shield, Add	*37.18*	
		For Rotated Optics, Back Light Shield, Add	*37.18*	
		For Field Adjustable Output, Add	*32.83*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Type II Medium Or Type V Short Optics, Add	*364.65*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-46.09*	
		For >100 To 250, Deduct	*-85.08*	
		For >250 To 500, Deduct	*-155.95*	
		For >500, Deduct	*-226.82*	
26 55 53 11-0240	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	2,003.26	174.44
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Front Facing Optics, Back Light Shield, Add	*45.01*	
		For Rotated Optics, Back Light Shield, Add	*45.01*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-58.80*	
		For >100 To 250, Deduct	*-108.88*	
		For >250 To 500, Deduct	*-200.33*	
		For >500, Deduct	*-291.77*	

26 55 53 11-0241 Flood Lights (PlanLED) *(26 55 53 11)*

26 55 53 11-0242 Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)*

26 55 53 11-0243	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	659.02	116.29
		For >50 To 100, Deduct	*-22.29*	
		For >100 To 250, Deduct	*-38.77*	
		For >250 To 500, Deduct	*-65.90*	
		For >500, Deduct	*-93.04*	
26 55 53 11-0244	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	792.24	122.75
		For >50 To 100, Deduct	*-25.94*	
		For >100 To 250, Deduct	*-45.75*	
		For >250 To 500, Deduct	*-79.22*	
		For >500, Deduct	*-112.70*	
26 55 53 11-0245	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	916.59	132.44
		For >50 To 100, Deduct	*-29.54*	
		For >100 To 250, Deduct	*-52.45*	
		For >250 To 500, Deduct	*-91.66*	
		For >500, Deduct	*-130.87*	

26 55 53 11-0246 Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)*

26 55 53 11-0247	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,861.81	258.42
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-59.47*	
		For >100 To 250, Deduct	*-106.01*	
		For >250 To 500, Deduct	*-186.18*	
		For >500, Deduct	*-266.35*	
26 55 53 11-0248	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	2,922.47	258.42
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-85.98*	
		For >100 To 250, Deduct	*-159.04*	
		For >250 To 500, Deduct	*-292.25*	
		For >500, Deduct	*-425.45*	
26 55 53 11-0249	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	5,205.64	258.42
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-143.06*	
		For >100 To 250, Deduct	*-273.20*	
		For >250 To 500, Deduct	*-520.56*	
		For >500, Deduct	*-767.93*	

26 55 53 11-0250 Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)*

26 55 53 11-0251	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,663.41	167.97
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*142.15*	
		For >50 To 100, Deduct	*-49.98*	
		For >100 To 250, Deduct	*-91.57*	
		For >250 To 500, Deduct	*-166.34*	
		For >500, Deduct	*-241.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0252	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	2,139.96	174.44
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*114.92*	
		For >50 To 100, Deduct	*-62.22*	
		For >100 To 250, Deduct	*-115.72*	
		For >250 To 500, Deduct	*-214.00*	
		For >500, Deduct	*-312.27*	
26 55 53 11-0253	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,741.17	180.89
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*93.24*	
		For >50 To 100, Deduct	*-77.57*	
		For >100 To 250, Deduct	*-146.10*	
		For >250 To 500, Deduct	*-274.12*	
		For >500, Deduct	*-402.13*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 55 53 12-0001 Lithonia Hazardous Location Flood Lights *(26 55 53 12)*

26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,043.99	128.89
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,117.78	128.89
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,046.37	128.89

26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,109.90	128.89
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,074.94	128.89

26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	993.27	128.89
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,037.31	128.89

26 55 53 12-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	874.26	128.89

26 55 53 12-0016 HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,409.98	161.12
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,431.40	161.12

26 55 53 12-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,402.84	161.12
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,431.40	161.12

26 55 53 12-0023 HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*

26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,039.76	145.01

26 55 53 12-0026 Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*

26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,123.07	145.01

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** *(26 55 53)* Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,455.06	193.33
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,650.24	193.33
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,659.76	193.33
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,957.29	193.33
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,833.52	193.33
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,701.53	193.33
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,576.45	193.33
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,700.22	193.33
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** *(26 55)*		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	645.27	139.70
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	645.27	139.70
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	645.27	139.70
26 55 61 00-0005	EA	14" Scoop Floodlight (Altman #SC14)	666.69	139.70
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1 Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	521.80	139.70
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	867.48	139.70
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,307.35	139.70
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,784.10	139.70
26 55 61 00-0010	EA	300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	473.82	139.70
26 55 61 00-0011	EA	6' Length, Multi-Lamp Compartmented Striplighting Luminaire Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	1,752.76	139.70
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	3,002.13	139.70
26 55 63		**Detention Lighting** *(26 55)*		
26 55 63 00-0001		Maximum Security Recessed Luminaire *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0002	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,262.54	37.80
26 55 63 00-0003	EA	12" x 48", Three 32 Watt, Lamps,14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,386.14	37.80
26 55 63 00-0004	EA	24" x 24", Two 17 Watt, Lamps,14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,212.23	45.37
26 55 63 00-0005	EA	24" x 48", Two 32 Watt, Lamps,14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,656.32	52.94
26 55 63 00-0006	EA	24" x 48", Three 32 Watt, Lamps,14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,656.32	52.94
26 55 63 00-0007	EA	24" x 48", Four 32 Watt, Lamps,14 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,656.32	52.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 63 00-0008	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,262.54	37.80
26 55 63 00-0009	EA	12" x 48", Three 32 Watt, Lamps,16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,447.94	37.80
26 55 63 00-0010	EA	24" x 24", Two 17 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,274.03	45.38
26 55 63 00-0011	EA	24" x 48", Two 32 Watt, Lamps,16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,470.93	52.94
26 55 63 00-0012	EA	24" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,470.93	52.94
26 55 63 00-0013	EA	24" x 48", Four 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,470.93	52.94
26 55 63 00-0014	EA	12" x 48", Two 32 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,108.05	37.80
26 55 63 00-0015	EA	12" x 48", Three 32 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,108.05	37.80
26 55 63 00-0016	EA	24" x 24", Two 17 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,335.83	45.37
26 55 63 00-0017	EA	24" x 48", Two 32 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,594.52	52.94
26 55 63 00-0018	EA	24" x 48", Three 32 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,606.88	52.94
26 55 63 00-0019	EA	24" x 48", Four 32 Watt, Lamps,18 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,606.88	52.94
26 55 63 00-0020		**Maximum Security Surface Luminaire** *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0021	EA	12" x 24", Two 32 Watt, Lamps,12 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,138.94	37.80
26 55 63 00-0022	EA	12" x 24", Three 32 Watt, Lamps,12 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,417.04	37.80
26 55 63 00-0023	EA	12" x 48", Two 32 Watt, Lamps,14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,077.15	37.80
26 55 63 00-0024	EA	12" x 48", Three 32 Watt, Lamps,14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,077.15	37.80
26 55 63 00-0025	EA	19" x 24", Two 17 Watt, Lamps,14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,057.74	45.37
26 55 63 00-0026	EA	19" x 48", Two 32 Watt, Lamps,14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,310.68	49.15
26 55 63 00-0027	EA	19" x 48", Three 32 Watt, Lamps,14 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,341.58	49.15
26 55 63 00-0028	EA	16" x 48", Four 32 Watt, T8 Fluorescent Lamps, 14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,341.58	49.15
26 55 63 00-0029		**Ultimax Surface Luminaire** *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0030	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,050.81	37.80
26 55 63 00-0031	EA	12" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,364.80	37.80
26 55 63 00-0032	EA	24" x 24", Two 17 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,167.46	45.37
26 55 63 00-0033	EA	24" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,197.40	52.94
26 55 63 00-0034	EA	24" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,202.40	52.94
26 55 63 00-0035	EA	24" x 48", Four 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,207.40	52.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 63 00-0036		**Maximum Security Wall Luminaire** *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0037	EA	10.5" x 48", Two 32 Watt Lamps, 14 Gauge, Maximum Security Wall Luminaire Note: 1 up, 1 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,386.14	37.93
26 55 63 00-0038	EA	10.5" x 48", Three 32 Watt, T8 Lamps, 14 Gauge, Maximum Security Wall Luminaire Note: 1 up, 2 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,386.14	37.93
26 55 63 00-0039	EA	10.5" x 48", Four 32 Watt, T8 Lamps, 14 Gauge, Maximum Security Wall Luminaire Note: 2 up, 2 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,386.14	37.93
26 55 68		**Athletic Field Lighting** *(26 55)*		
26 55 68 00-0001		**Sports Lighting System** *(26 55 68)* Note: Musco.		
26 55 68 00-0002		**Round Steel Tapered Poles** *(26 55 68 00-0001)* Note: With Internal wiring harness.		
26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,093.84	618.67
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,925.14	747.56
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,560.95	812.01
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	6,095.30	844.23
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,706.39	876.46
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,823.32	1,069.79
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,486.90	1,134.24
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	10,776.52	1,288.91
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	12,239.44	1,450.02
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	13,576.39	1,619.45
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	14,795.12	1,809.97
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	16,113.02	2,032.25
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	18,025.83	2,445.04
26 55 68 00-0016		**Steel Pole Brackets** *(26 55 68 00-0001)*		
26 55 68 00-0017	EA	Two Light Bracket	574.76	64.44
26 55 68 00-0018	EA	Three Light Bracket	723.02	90.22
26 55 68 00-0019	EA	Four Light Bracket	1,043.04	109.55
26 55 68 00-0020	EA	Five Light Bracket	1,187.97	128.89
26 55 68 00-0021	EA	Six Light Bracket	1,441.23	148.22
26 55 68 00-0022	EA	Seven Light Bracket	1,650.29	167.56
26 55 68 00-0023	EA	Eight Light Bracket	1,887.05	193.33
26 55 68 00-0024	EA	Nine Light Bracket	2,132.22	212.67
26 55 68 00-0025		**Light Fixtures** *(26 55 68 00-0001)*		
26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,391.52	
		For 1,500 Watt Metal Halide Lamp, Add	*15.61*	
26 55 68 00-0027		**Electrical Component Enclosure** *(26 55 68 00-0001)* Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	1,032.12	74.72
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,548.04	114.95
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,776.85	143.69
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,299.09	160.93
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,586.74	172.43
26 55 68 00-0033		**Accessories** *(26 55 68 00-0001)*		
26 55 68 00-0034	EA	Time Delay Kit (Musco®)	1,011.94	230.50
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	2,113.80	230.50
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,554.54	230.50
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	12,401.60	691.50
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,331.76	114.95
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,561.68	229.90
26 55 70		**Healthcare Lighting** *(26 55)*		
26 55 70 00-0001		**Surgical Lighting Fixtures** *(26 55 70)*		
26 55 70 00-0002	EA	Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen	6,028.86	
26 55 70 00-0003	EA	Install Owner Furnished Surgical Lights	674.31	
26 55 70 00-0004		**Patient Care Fluorescent Fixtures** *(26 55 70)*		
26 55 70 00-0005		**Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe)** *(26 55 70 00-0004)* Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 55 70 00-0006	EA	2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	1,500.93	52.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 70 00-0007	EA	2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	1,657.89	52.87
26 55 70 00-0008	EA	2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	1,346.40	52.87
26 55 70 00-0009		Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)*		
		Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 55 70 00-0010	EA	2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	1,489.08	52.87
26 55 70 00-0011		Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) *(26 55 70 00-0004)*		
		Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.		
26 55 70 00-0012	EA	2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	2,264.80	52.87
26 55 70 00-0013		Patient Room Lighting Fixtures *(26 55 70)*		
26 55 70 00-0014	EA	Hill-Rom Integris Patient Room Light	1,063.98	45.98
26 55 70 00-0015		Exam And Surgical Lighting Fixtures *(26 55 70)*		
26 55 70 00-0016	EA	Dual Intensity, K-arm, Ceiling Mounted, Exam Light (Burton PHL-NXC)	1,025.98	57.48
26 55 70 00-0017	EA	Ceiling Mounted, Spot Exam Light (Sunnex SNX-HM2017-44EXT)	1,814.43	57.48
26 55 70 00-0018	EA	Ceiling Mounted, LED Exam Light (Bovie BOV-XLDP-SC)	4,057.48	57.48
26 55 70 00-0019	EA	Two LED Series, Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S2MA)	19,862.86	76.68
26 55 70 00-0020	EA	Two LED Series, Triple Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S23MA)	28,694.35	114.95
26 55 70 00-0021	EA	Double Ceiling Mounted, Dual Spot Exam Lights (Burton PHL-CS316DC)	6,611.18	76.68
26 55 70 00-0022	EA	Double Ceiling Mounted, Dual Y Shape Lamp Heads (Burton PHL-A50DC)	7,105.27	76.68
26 55 70 00-0023	EA	Double Ceiling Mounted, Halogen Bulbs (Burton PHL-OP216DC)	5,992.24	76.68
26 55 70 00-0024	EA	360 Degree Rotation, 120 Volt, Double Ceiling Mounted, Surgical Light (Burton PHL-A100DC)	8,371.52	114.95
26 55 70 00-0025	EA	Double Ceiling Mounted, Spot Examination Lights (Burton PHL-CS316DT)	9,237.39	76.68
26 55 70 00-0026	EA	Double Ceiling Mounted, Y Shaped Examination Light (Burton PHL-OP216DT)	8,711.29	76.68
26 55 70 00-0027	EA	Double Ceiling Mounted, Examination/Spot Combination Light (Burton PHL-OC516CC)	6,301.10	91.96
26 55 70 00-0028	EA	Double Ceiling Mounted, LED Procedure Light (Bovie BOV-XLDP-DC)	8,387.75	76.68
26 55 70 00-0029	EA	Double Ceiling Mounted, LED Examination Light (Burton PHL-ALEDDC)	7,632.00	114.95
26 55 70 00-0030	EA	Two Monitor Arm, Ceiling Mounted, Exam Light (Bovie BOV-XLDS-MA)	8,758.71	76.68
26 55 70 00-0031	EA	360 Degree Rotation, 120 Volt, Single Ceiling Mounted Surgical Light (Burton PHL-A100SC)	4,682.84	65.64
26 55 70 00-0032	EA	360 Degree Rotation, Autoclavable Handle, Ceiling Mounted Surgical Light (Burton PHL-APXSC8)	13,922.04	65.64
26 55 70 00-0033	EA	Ceiling Mounted Surgical Light (Burton PHL-A200SC)	6,882.20	65.64
26 55 70 00-0034	EA	MRI Compatible, Ceiling Mounted Surgical Light (Sunnex SNX-CS2050C-MRI)	6,837.08	65.64
26 55 70 00-0035	EA	Ceiling Mounted LED Surgical Light (Bovie BOV-XLD-SC)	5,261.28	65.64
26 55 70 00-0036	EA	Ceiling Mounted LED Surgical Light With Battery Pack (Bovie BOV-XLD-SCB)	7,861.27	65.64
26 55 70 00-0037	EA	Ceiling Mounted Two LED Series Surgical Light (Bovie BOV-XLDS-S2)	12,212.40	65.64
26 55 70 00-0038	EA	Dual Ceiling Mounted LED Series Surgical Light And HD Video Camera Arm (Bovie BOV-XLDS-S2VC)	22,263.11	65.64
26 55 70 00-0039	EA	Medical Illumination, Single Trolley Shuttle Track, Ceiling Mounted Surgical Light (Medical Illumination MII-64011)	3,118.82	65.64
26 55 70 00-0040	EA	Double Ceiling Mounted, Surgical Light (Burton PHL-A200DC)	12,357.25	114.95
26 55 70 00-0041	EA	Double Ceiling Mounted, Surgical Light (Burton PHL-APXDC8)	27,128.45	114.95
26 55 70 00-0042	EA	Double Ceiling Mounted, LED Surgical Light (Bovie BOV-XLD-DC)	10,051.18	114.95
26 55 70 00-0043	EA	Double Ceiling Mounted, Autoclavable Handle, LED Surgical Light (Sunnex SNX-CSLED-D)	7,261.31	114.95
26 55 70 00-0044	EA	Triple Ceiling Mounted, LED Series Surgical Light (Bovie BOV-XLDS-S23)	31,893.89	131.39
26 55 70 00-0045	EA	Triple Ceiling Mounted, LED Series Surgical Light And Monitor Arm (Bovie BOV-XLDS-S23MA)	28,759.99	131.39

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles and Standards *(26 56)*

26 56 13 00-0001		Poles And Standards *(26 56 13)*		
		See CSI section 26 05 46 00-0001 for additional pole.		
26 56 13 00-0002		Roadway Light Poles *(26 56 13 00-0001)*		
		Note: Excludes lighting fixtures.		
26 56 13 00-0003		Steel Roadway Light Poles *(26 56 13 00-0002)*		
		Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004		Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*		
26 56 13 00-0005		Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0006		Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,666.81	386.67
		For Galvanized Finish, Add	*56.80*	
		For >10 To 20, Deduct	*-66.67*	
		For >20 To 40, Deduct	*-133.34*	
		For >40, Deduct	*-219.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,671.49	386.67
		For Galvanized Finish, Add	*56.94*	
		For >10 To 20, Deduct	*-66.79*	
		For >20 To 40, Deduct	*-133.57*	
		For >40, Deduct	*-219.70*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,956.99	515.56
		For Galvanized Finish, Add	*57.78*	
		For >10 To 20, Deduct	*-73.92*	
		For >20 To 40, Deduct	*-147.85*	
		For >40, Deduct	*-247.55*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,013.26	515.56
		For Galvanized Finish, Add	*59.46*	
		For >10 To 20, Deduct	*-75.33*	
		For >20 To 40, Deduct	*-150.66*	
		For >40, Deduct	*-251.77*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,069.54	515.56
		For Galvanized Finish, Add	*61.15*	
		For >10 To 20, Deduct	*-76.74*	
		For >20 To 40, Deduct	*-153.48*	
		For >40, Deduct	*-255.99*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,210.28	580.01
		For Galvanized Finish, Add	*61.51*	
		For >10 To 20, Deduct	*-80.26*	
		For >20 To 40, Deduct	*-160.51*	
		For >40, Deduct	*-269.77*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,236.96	580.01
		For Galvanized Finish, Add	*62.31*	
		For >10 To 20, Deduct	*-80.92*	
		For >20 To 40, Deduct	*-161.85*	
		For >40, Deduct	*-271.77*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,242.04	580.01
		For Galvanized Finish, Add	*62.46*	
		For >10 To 20, Deduct	*-81.05*	
		For >20 To 40, Deduct	*-162.10*	
		For >40, Deduct	*-272.15*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,401.22	612.23
		For Galvanized Finish, Add	*65.30*	
		For >10 To 20, Deduct	*-85.03*	
		For >20 To 40, Deduct	*-170.06*	
		For >40, Deduct	*-285.70*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,421.38	612.23
		For Galvanized Finish, Add	*65.91*	
		For >10 To 20, Deduct	*-85.53*	
		For >20 To 40, Deduct	*-171.07*	
		For >40, Deduct	*-287.22*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,443.39	612.23
		For Galvanized Finish, Add	*66.57*	
		For >10 To 20, Deduct	*-86.08*	
		For >20 To 40, Deduct	*-172.17*	
		For >40, Deduct	*-288.87*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,902.07	644.45
		For Galvanized Finish, Add	*78.39*	
		For >10 To 20, Deduct	*-97.55*	
		For >20 To 40, Deduct	*-195.10*	
		For >40, Deduct	*-324.88*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,909.25	644.45
		For Galvanized Finish, Add	*78.61*	
		For >10 To 20, Deduct	*-97.73*	
		For >20 To 40, Deduct	*-195.46*	
		For >40, Deduct	*-325.42*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,916.34	644.45
		For Galvanized Finish, Add	*78.82*	
		For >10 To 20, Deduct	*-97.91*	
		For >20 To 40, Deduct	*-195.82*	
		For >40, Deduct	*-325.95*	
26 56 13 00-0021		Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*		
26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,306.43	451.12
		For Galvanized Finish, Add	*72.13*	
		For >10 To 20, Deduct	*-82.66*	
		For >20 To 40, Deduct	*-165.32*	
		For >40, Deduct	*-270.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,368.71	467.23
		For Galvanized Finish, Add	*73.03*	
		For >10 To 20, Deduct	*-84.22*	
		For >20 To 40, Deduct	*-168.44*	
		For >40, Deduct	*-276.01*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,423.60	483.34
		For Galvanized Finish, Add	*73.71*	
		For >10 To 20, Deduct	*-85.59*	
		For >20 To 40, Deduct	*-171.18*	
		For >40, Deduct	*-280.94*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,369.26	580.01
		For Galvanized Finish, Add	*66.28*	
		For >10 To 20, Deduct	*-84.23*	
		For >20 To 40, Deduct	*-168.46*	
		For >40, Deduct	*-281.69*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,413.42	596.11
		For Galvanized Finish, Add	*66.64*	
		For >10 To 20, Deduct	*-85.34*	
		For >20 To 40, Deduct	*-170.67*	
		For >40, Deduct	*-285.81*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,450.48	612.23
		For Galvanized Finish, Add	*66.78*	
		For >10 To 20, Deduct	*-86.26*	
		For >20 To 40, Deduct	*-172.52*	
		For >40, Deduct	*-289.40*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,645.54	644.45
		For Galvanized Finish, Add	*70.70*	
		For >10 To 20, Deduct	*-91.14*	
		For >20 To 40, Deduct	*-182.28*	
		For >40, Deduct	*-305.64*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,685.01	660.57
		For Galvanized Finish, Add	*70.92*	
		For >10 To 20, Deduct	*-92.13*	
		For >20 To 40, Deduct	*-184.25*	
		For >40, Deduct	*-309.40*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,721.84	676.68
		For Galvanized Finish, Add	*71.05*	
		For >10 To 20, Deduct	*-93.05*	
		For >20 To 40, Deduct	*-186.09*	
		For >40, Deduct	*-312.97*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,864.38	676.68
		For Galvanized Finish, Add	*75.33*	
		For >10 To 20, Deduct	*-96.61*	
		For >20 To 40, Deduct	*-193.22*	
		For >40, Deduct	*-323.66*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,927.79	692.79
		For Galvanized Finish, Add	*76.27*	
		For >10 To 20, Deduct	*-98.19*	
		For >20 To 40, Deduct	*-196.39*	
		For >40, Deduct	*-329.22*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,989.60	708.89
		For Galvanized Finish, Add	*77.15*	
		For >10 To 20, Deduct	*-99.74*	
		For >20 To 40, Deduct	*-199.48*	
		For >40, Deduct	*-334.67*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,337.48	708.89
		For Galvanized Finish, Add	*87.59*	
		For >10 To 20, Deduct	*-108.44*	
		For >20 To 40, Deduct	*-216.87*	
		For >40, Deduct	*-360.76*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,374.38	725.01
		For Galvanized Finish, Add	*87.73*	
		For >10 To 20, Deduct	*-109.36*	
		For >20 To 40, Deduct	*-218.72*	
		For >40, Deduct	*-364.33*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,411.44	741.12
		For Galvanized Finish, Add	*87.88*	
		For >10 To 20, Deduct	*-110.29*	
		For >20 To 40, Deduct	*-220.57*	
		For >40, Deduct	*-367.91*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,940.13	644.45
		For Galvanized Finish, Add	*79.54*	
		For >10 To 20, Deduct	*-98.50*	
		For >20 To 40, Deduct	*-197.01*	
		For >40, Deduct	*-327.73*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,009.33	676.68
		For Galvanized Finish, Add	*79.68*	
		For >10 To 20, Deduct	*-100.23*	
		For >20 To 40, Deduct	*-200.47*	
		For >40, Deduct	*-334.53*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,085.62	708.89
		For Galvanized Finish, Add	*80.03*	
		For >10 To 20, Deduct	*-102.14*	
		For >20 To 40, Deduct	*-204.28*	
		For >40, Deduct	*-341.87*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,187.85	708.89
		For Galvanized Finish, Add	*83.10*	
		For >10 To 20, Deduct	*-104.70*	
		For >20 To 40, Deduct	*-209.39*	
		For >40, Deduct	*-349.53*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,259.30	741.12
		For Galvanized Finish, Add	*83.31*	
		For >10 To 20, Deduct	*-106.48*	
		For >20 To 40, Deduct	*-212.97*	
		For >40, Deduct	*-356.50*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,328.51	773.35
		For Galvanized Finish, Add	*83.45*	
		For >10 To 20, Deduct	*-108.21*	
		For >20 To 40, Deduct	*-216.43*	
		For >40, Deduct	*-363.31*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,446.91	741.12
		For Galvanized Finish, Add	*88.94*	
		For >10 To 20, Deduct	*-111.17*	
		For >20 To 40, Deduct	*-222.35*	
		For >40, Deduct	*-370.57*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,516.12	773.35
		For Galvanized Finish, Add	*89.08*	
		For >10 To 20, Deduct	*-112.90*	
		For >20 To 40, Deduct	*-225.81*	
		For >40, Deduct	*-377.38*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,585.31	805.57
		For Galvanized Finish, Add	*89.23*	
		For >10 To 20, Deduct	*-114.63*	
		For >20 To 40, Deduct	*-229.27*	
		For >40, Deduct	*-384.18*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,772.89	773.35
		For Galvanized Finish, Add	*96.79*	
		For >10 To 20, Deduct	*-119.32*	
		For >20 To 40, Deduct	*-238.64*	
		For >40, Deduct	*-396.63*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,841.85	805.57
		For Galvanized Finish, Add	*96.92*	
		For >10 To 20, Deduct	*-121.05*	
		For >20 To 40, Deduct	*-242.09*	
		For >40, Deduct	*-403.42*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,915.81	837.79
		For Galvanized Finish, Add	*97.21*	
		For >10 To 20, Deduct	*-122.90*	
		For >20 To 40, Deduct	*-245.79*	
		For >40, Deduct	*-410.58*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,377.87	708.89
		For Galvanized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-109.45*	
		For >20 To 40, Deduct	*-218.89*	
		For >40, Deduct	*-363.79*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,481.64	757.23
		For Galvanized Finish, Add	*89.02*	
		For >10 To 20, Deduct	*-112.04*	
		For >20 To 40, Deduct	*-224.08*	
		For >40, Deduct	*-373.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,582.97	805.57
		For Galvanized Finish, Add	*89.16*	
		For >10 To 20, Deduct	*-114.57*	
		For >20 To 40, Deduct	*-229.15*	
		For >40, Deduct	*-384.00*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,654.70	773.35
		For Galvanized Finish, Add	*93.24*	
		For >10 To 20, Deduct	*-116.37*	
		For >20 To 40, Deduct	*-232.74*	
		For >40, Deduct	*-387.77*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,756.37	821.67
		For Galvanized Finish, Add	*93.39*	
		For >10 To 20, Deduct	*-118.91*	
		For >20 To 40, Deduct	*-237.82*	
		For >40, Deduct	*-397.81*	
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,830.62	870.01
		For Galvanized Finish, Add	*92.72*	
		For >10 To 20, Deduct	*-120.77*	
		For >20 To 40, Deduct	*-241.53*	
		For >40, Deduct	*-405.80*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,989.14	805.57
		For Galvanized Finish, Add	*101.34*	
		For >10 To 20, Deduct	*-124.73*	
		For >20 To 40, Deduct	*-249.46*	
		For >40, Deduct	*-414.46*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,122.90	853.90
		For Galvanized Finish, Add	*102.45*	
		For >10 To 20, Deduct	*-128.07*	
		For >20 To 40, Deduct	*-256.15*	
		For >40, Deduct	*-426.91*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,194.49	902.24
		For Galvanized Finish, Add	*101.70*	
		For >10 To 20, Deduct	*-129.86*	
		For >20 To 40, Deduct	*-259.72*	
		For >40, Deduct	*-434.70*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,208.06	837.79
		For Galvanized Finish, Add	*105.97*	
		For >10 To 20, Deduct	*-130.20*	
		For >20 To 40, Deduct	*-260.40*	
		For >40, Deduct	*-432.49*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,309.41	886.13
		For Galvanized Finish, Add	*106.11*	
		For >10 To 20, Deduct	*-132.74*	
		For >20 To 40, Deduct	*-265.47*	
		For >40, Deduct	*-442.51*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,413.17	934.45
		For Galvanized Finish, Add	*106.33*	
		For >10 To 20, Deduct	*-135.33*	
		For >20 To 40, Deduct	*-270.66*	
		For >40, Deduct	*-452.71*	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,131.13	515.56
		For Galvanized Finish, Add	*63.00*	
		For >10 To 20, Deduct	*-78.28*	
		For >20 To 40, Deduct	*-156.56*	
		For >40, Deduct	*-260.61*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,541.47	580.01
		For Galvanized Finish, Add	*71.44*	
		For >10 To 20, Deduct	*-88.54*	
		For >20 To 40, Deduct	*-177.07*	
		For >40, Deduct	*-294.61*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,645.10	612.23
		For Galvanized Finish, Add	*72.62*	
		For >10 To 20, Deduct	*-91.13*	
		For >20 To 40, Deduct	*-182.26*	
		For >40, Deduct	*-303.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,310.66	644.45
		For Galvanized Finish, Add	*90.65*	
		For >10 To 20, Deduct	*-107.77*	
		For >20 To 40, Deduct	*-215.53*	
		For >40, Deduct	*-355.52*	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,971.76	515.56
		For Galvanized Finish, Add	*88.22*	
		For >10 To 20, Deduct	*-99.29*	
		For >20 To 40, Deduct	*-198.59*	
		For >40, Deduct	*-323.66*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,007.80	515.56
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-100.20*	
		For >20 To 40, Deduct	*-200.39*	
		For >40, Deduct	*-326.36*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,024.25	515.56
		For Galvanized Finish, Add	*89.79*	
		For >10 To 20, Deduct	*-100.61*	
		For >20 To 40, Deduct	*-201.21*	
		For >40, Deduct	*-327.60*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,136.69	580.01
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-103.42*	
		For >20 To 40, Deduct	*-206.83*	
		For >40, Deduct	*-339.25*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,142.98	580.01
		For Galvanized Finish, Add	*89.49*	
		For >10 To 20, Deduct	*-103.57*	
		For >20 To 40, Deduct	*-207.15*	
		For >40, Deduct	*-339.72*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,207.96	580.01
		For Galvanized Finish, Add	*91.44*	
		For >10 To 20, Deduct	*-105.20*	
		For >20 To 40, Deduct	*-210.40*	
		For >40, Deduct	*-344.60*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,222.51	612.23
		For Galvanized Finish, Add	*89.94*	
		For >10 To 20, Deduct	*-105.56*	
		For >20 To 40, Deduct	*-211.13*	
		For >40, Deduct	*-347.30*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,260.56	612.23
		For Galvanized Finish, Add	*91.08*	
		For >10 To 20, Deduct	*-106.51*	
		For >20 To 40, Deduct	*-213.03*	
		For >40, Deduct	*-350.15*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,460.10	612.23
		For Galvanized Finish, Add	*97.07*	
		For >10 To 20, Deduct	*-111.50*	
		For >20 To 40, Deduct	*-223.01*	
		For >40, Deduct	*-365.12*	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*		
26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,188.30	644.45
		For Galvanized Finish, Add	*116.98*	
		For >10 To 20, Deduct	*-129.71*	
		For >20 To 40, Deduct	*-259.42*	
		For >40, Deduct	*-421.35*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,287.25	676.68
		For Galvanized Finish, Add	*118.02*	
		For >10 To 20, Deduct	*-132.18*	
		For >20 To 40, Deduct	*-264.36*	
		For >40, Deduct	*-430.38*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,487.13	708.89
		For Galvanized Finish, Add	*122.08*	
		For >10 To 20, Deduct	*-137.18*	
		For >20 To 40, Deduct	*-274.36*	
		For >40, Deduct	*-446.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,297.19	708.89
		For Galvanized Finish, Add	*116.38*	
		For >10 To 20, Deduct	*-132.43*	
		For >20 To 40, Deduct	*-264.86*	
		For >40, Deduct	*-432.73*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,539.88	741.12
		For Galvanized Finish, Add	*121.73*	
		For >10 To 20, Deduct	*-138.50*	
		For >20 To 40, Deduct	*-276.99*	
		For >40, Deduct	*-452.55*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,692.05	773.35
		For Galvanized Finish, Add	*124.36*	
		For >10 To 20, Deduct	*-142.30*	
		For >20 To 40, Deduct	*-284.60*	
		For >40, Deduct	*-465.57*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,461.20	741.12
		For Galvanized Finish, Add	*119.37*	
		For >10 To 20, Deduct	*-136.53*	
		For >20 To 40, Deduct	*-273.06*	
		For >40, Deduct	*-446.65*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,779.93	773.35
		For Galvanized Finish, Add	*127.00*	
		For >10 To 20, Deduct	*-144.50*	
		For >20 To 40, Deduct	*-289.00*	
		For >40, Deduct	*-472.16*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,974.97	805.57
		For Galvanized Finish, Add	*130.92*	
		For >10 To 20, Deduct	*-149.37*	
		For >20 To 40, Deduct	*-298.75*	
		For >40, Deduct	*-488.40*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,493.74	386.67
		For >10 To 20, Deduct	*-62.34*	
		For >20 To 40, Deduct	*-124.69*	
		For >40, Deduct	*-206.36*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,514.56	386.67
		For >10 To 20, Deduct	*-62.86*	
		For >20 To 40, Deduct	*-125.73*	
		For >40, Deduct	*-207.93*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,065.86	515.56
		For >10 To 20, Deduct	*-76.65*	
		For >20 To 40, Deduct	*-153.29*	
		For >40, Deduct	*-255.72*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,105.21	515.56
		For >10 To 20, Deduct	*-77.63*	
		For >20 To 40, Deduct	*-155.26*	
		For >40, Deduct	*-258.67*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,141.40	515.56
		For >10 To 20, Deduct	*-78.54*	
		For >20 To 40, Deduct	*-157.07*	
		For >40, Deduct	*-261.38*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,516.71	580.01
		For >10 To 20, Deduct	*-87.92*	
		For >20 To 40, Deduct	*-175.84*	
		For >40, Deduct	*-292.75*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,549.91	580.01
		For >10 To 20, Deduct	*-88.75*	
		For >20 To 40, Deduct	*-177.50*	
		For >40, Deduct	*-295.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,587.04	580.01
		For >10 To 20, Deduct	*-89.68*	
		For >20 To 40, Deduct	*-179.35*	
		For >40, Deduct	*-298.03*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,106.42	612.23
		For >10 To 20, Deduct	*-102.66*	
		For >20 To 40, Deduct	*-205.32*	
		For >40, Deduct	*-338.59*	
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,139.54	612.23
		For >10 To 20, Deduct	*-103.49*	
		For >20 To 40, Deduct	*-206.98*	
		For >40, Deduct	*-341.08*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,167.28	612.23
		For >10 To 20, Deduct	*-104.18*	
		For >20 To 40, Deduct	*-208.36*	
		For >40, Deduct	*-343.16*	

26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	2,859.06	451.12
		For >10 To 20, Deduct	*-71.48*	
		For >20 To 40, Deduct	*-142.95*	
		For >40, Deduct	*-236.99*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,063.14	451.12
		For >10 To 20, Deduct	*-76.58*	
		For >20 To 40, Deduct	*-153.16*	
		For >40, Deduct	*-252.29*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,167.35	483.34
		For >10 To 20, Deduct	*-79.18*	
		For >20 To 40, Deduct	*-158.37*	
		For >40, Deduct	*-261.72*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,420.00	580.01
		For >10 To 20, Deduct	*-85.50*	
		For >20 To 40, Deduct	*-171.00*	
		For >40, Deduct	*-285.50*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,582.14	596.11
		For >10 To 20, Deduct	*-89.55*	
		For >20 To 40, Deduct	*-179.11*	
		For >40, Deduct	*-298.47*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,814.52	612.23
		For >10 To 20, Deduct	*-95.36*	
		For >20 To 40, Deduct	*-190.73*	
		For >40, Deduct	*-316.70*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,942.38	644.45
		For >10 To 20, Deduct	*-98.56*	
		For >20 To 40, Deduct	*-197.12*	
		For >40, Deduct	*-327.90*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,095.12	660.57
		For >10 To 20, Deduct	*-102.38*	
		For >20 To 40, Deduct	*-204.76*	
		For >40, Deduct	*-340.16*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,280.82	676.68
		For >10 To 20, Deduct	*-107.02*	
		For >20 To 40, Deduct	*-214.04*	
		For >40, Deduct	*-354.90*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,461.34	676.68
		For >10 To 20, Deduct	*-111.53*	
		For >20 To 40, Deduct	*-223.07*	
		For >40, Deduct	*-368.43*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,869.28	692.79
		For >10 To 20, Deduct	*-121.73*	
		For >20 To 40, Deduct	*-243.46*	
		For >40, Deduct	*-399.84*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,343.21	708.89
		For >10 To 20, Deduct	*-133.58*	
		For >20 To 40, Deduct	*-267.16*	
		For >40, Deduct	*-436.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0118		**Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,316.46	515.56
		For >10 To 20, Deduct	*-82.91*	
		For >20 To 40, Deduct	*-165.82*	
		For >40, Deduct	*-274.51*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,545.99	547.79
		For >10 To 20, Deduct	*-88.65*	
		For >20 To 40, Deduct	*-177.30*	
		For >40, Deduct	*-293.34*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,036.36	644.45
		For >10 To 20, Deduct	*-100.91*	
		For >20 To 40, Deduct	*-201.82*	
		For >40, Deduct	*-334.95*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,209.97	676.68
		For >10 To 20, Deduct	*-105.25*	
		For >20 To 40, Deduct	*-210.50*	
		For >40, Deduct	*-349.58*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,409.02	708.89
		For >10 To 20, Deduct	*-110.23*	
		For >20 To 40, Deduct	*-220.45*	
		For >40, Deduct	*-366.12*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,567.43	741.12
		For >10 To 20, Deduct	*-114.19*	
		For >20 To 40, Deduct	*-228.37*	
		For >40, Deduct	*-379.61*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,762.89	741.12
		For >10 To 20, Deduct	*-119.07*	
		For >20 To 40, Deduct	*-238.14*	
		For >40, Deduct	*-394.27*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,174.22	773.35
		For >10 To 20, Deduct	*-129.36*	
		For >20 To 40, Deduct	*-258.71*	
		For >40, Deduct	*-426.73*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	11,605.57	805.57
		For >10 To 20, Deduct	*-290.14*	
		For >20 To 40, Deduct	*-580.28*	
		For >40, Deduct	*-910.70*	
26 56 13 00-0128		**Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms** *(26 56 13 00-0092)*		
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,444.84	580.01
		For >10 To 20, Deduct	*-86.12*	
		For >20 To 40, Deduct	*-172.24*	
		For >40, Deduct	*-287.36*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,569.80	580.01
		For >10 To 20, Deduct	*-89.25*	
		For >20 To 40, Deduct	*-178.49*	
		For >40, Deduct	*-296.74*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,416.78	708.89
		For >10 To 20, Deduct	*-110.42*	
		For >20 To 40, Deduct	*-220.84*	
		For >40, Deduct	*-366.70*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,779.84	757.23
		For >10 To 20, Deduct	*-119.50*	
		For >20 To 40, Deduct	*-238.99*	
		For >40, Deduct	*-396.35*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,982.26	773.35
		For >10 To 20, Deduct	*-124.56*	
		For >20 To 40, Deduct	*-249.11*	
		For >40, Deduct	*-412.34*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,317.66	821.67
		For >10 To 20, Deduct	*-132.94*	
		For >20 To 40, Deduct	*-265.88*	
		For >40, Deduct	*-439.91*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,244.80	805.57
		For >10 To 20, Deduct	*-131.12*	
		For >20 To 40, Deduct	*-262.24*	
		For >40, Deduct	*-433.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,953.20	853.90
		For >10 To 20, Deduct	*-148.83*	
		For >20 To 40, Deduct	*-297.66*	
		For >40, Deduct	*-489.19*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,580.60	902.24
		For >10 To 20, Deduct	*-164.52*	
		For >20 To 40, Deduct	*-329.03*	
		For >40, Deduct	*-538.66*	

26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

26 56 13 00-0139 Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*

26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,644.05	515.56
		For >10 To 20, Deduct	*-91.10*	
		For >20 To 40, Deduct	*-182.20*	
		For >40, Deduct	*-299.08*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,671.88	515.56
		For >10 To 20, Deduct	*-91.80*	
		For >20 To 40, Deduct	*-183.59*	
		For >40, Deduct	*-301.17*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,742.97	515.56
		For >10 To 20, Deduct	*-93.57*	
		For >20 To 40, Deduct	*-187.15*	
		For >40, Deduct	*-306.50*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,849.67	515.56
		For >10 To 20, Deduct	*-96.24*	
		For >20 To 40, Deduct	*-192.48*	
		For >40, Deduct	*-314.50*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,102.83	580.01
		For >10 To 20, Deduct	*-102.57*	
		For >20 To 40, Deduct	*-205.14*	
		For >40, Deduct	*-336.71*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,165.57	580.01
		For >10 To 20, Deduct	*-104.14*	
		For >20 To 40, Deduct	*-208.28*	
		For >40, Deduct	*-341.42*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,232.48	580.01
		For >10 To 20, Deduct	*-105.81*	
		For >20 To 40, Deduct	*-211.62*	
		For >40, Deduct	*-346.44*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,636.12	580.01
		For >10 To 20, Deduct	*-115.90*	
		For >20 To 40, Deduct	*-231.81*	
		For >40, Deduct	*-376.71*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,454.33	612.23
		For >10 To 20, Deduct	*-111.36*	
		For >20 To 40, Deduct	*-222.72*	
		For >40, Deduct	*-364.69*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,972.25	612.23
		For >10 To 20, Deduct	*-124.31*	
		For >20 To 40, Deduct	*-248.61*	
		For >40, Deduct	*-403.53*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,022.70	612.23
		For >10 To 20, Deduct	*-125.57*	
		For >20 To 40, Deduct	*-251.14*	
		For >40, Deduct	*-407.31*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,342.94	612.23
		For >10 To 20, Deduct	*-133.57*	
		For >20 To 40, Deduct	*-267.15*	
		For >40, Deduct	*-431.33*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,635.02	612.23
		For >10 To 20, Deduct	*-140.88*	
		For >20 To 40, Deduct	*-281.75*	
		For >40, Deduct	*-453.24*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,724.48	644.45
		For >10 To 20, Deduct	*-118.11*	
		For >20 To 40, Deduct	*-236.22*	
		For >40, Deduct	*-386.56*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	4,860.03	676.68
		For >10 To 20, Deduct	*-121.50*	
		For >20 To 40, Deduct	*-243.00*	
		For >40, Deduct	*-398.34*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	4,970.22	708.89
		For >10 To 20, Deduct	*-124.26*	
		For >20 To 40, Deduct	*-248.51*	
		For >40, Deduct	*-408.21*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,092.10	708.89
		For >10 To 20, Deduct	*-127.30*	
		For >20 To 40, Deduct	*-254.61*	
		For >40, Deduct	*-417.35*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,527.15	741.12
		For >10 To 20, Deduct	*-138.18*	
		For >20 To 40, Deduct	*-276.36*	
		For >40, Deduct	*-451.59*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,322.82	773.35
		For >10 To 20, Deduct	*-158.07*	
		For >20 To 40, Deduct	*-316.14*	
		For >40, Deduct	*-512.88*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,113.61	741.12
		For >10 To 20, Deduct	*-152.84*	
		For >20 To 40, Deduct	*-305.68*	
		For >40, Deduct	*-495.58*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,237.64	773.35
		For >10 To 20, Deduct	*-155.94*	
		For >20 To 40, Deduct	*-311.88*	
		For >40, Deduct	*-506.49*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,552.51	805.57
		For >10 To 20, Deduct	*-188.81*	
		For >20 To 40, Deduct	*-377.63*	
		For >40, Deduct	*-606.72*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	2,980.08	386.67
		For >10 To 20, Deduct	*-74.50*	
		For >20 To 40, Deduct	*-149.00*	
		For >40, Deduct	*-242.84*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,058.69	386.67
		For >10 To 20, Deduct	*-76.47*	
		For >20 To 40, Deduct	*-152.93*	
		For >40, Deduct	*-248.74*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,137.47	386.67
		For >10 To 20, Deduct	*-78.44*	
		For >20 To 40, Deduct	*-156.87*	
		For >40, Deduct	*-254.64*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,559.29	515.56
		For >10 To 20, Deduct	*-88.98*	
		For >20 To 40, Deduct	*-177.96*	
		For >40, Deduct	*-292.72*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,619.21	515.56
		For >10 To 20, Deduct	*-90.48*	
		For >20 To 40, Deduct	*-180.96*	
		For >40, Deduct	*-297.22*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,684.68	515.56
		For >10 To 20, Deduct	*-92.12*	
		For >20 To 40, Deduct	*-184.23*	
		For >40, Deduct	*-302.13*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,016.62	580.01
		For >10 To 20, Deduct	*-100.42*	
		For >20 To 40, Deduct	*-200.83*	
		For >40, Deduct	*-330.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,097.97	580.01
		For >10 To 20, Deduct	*-102.45*	
		For >20 To 40, Deduct	*-204.90*	
		For >40, Deduct	*-336.35*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,110.17	580.01
		For >10 To 20, Deduct	*-102.75*	
		For >20 To 40, Deduct	*-205.51*	
		For >40, Deduct	*-337.26*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,370.51	612.23
		For >10 To 20, Deduct	*-109.26*	
		For >20 To 40, Deduct	*-218.53*	
		For >40, Deduct	*-358.40*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,406.19	612.23
		For >10 To 20, Deduct	*-110.15*	
		For >20 To 40, Deduct	*-220.31*	
		For >40, Deduct	*-361.08*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,489.83	612.23
		For >10 To 20, Deduct	*-112.25*	
		For >20 To 40, Deduct	*-224.49*	
		For >40, Deduct	*-367.35*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,312.35	225.56
		For Galvanized Finish, Add	*25.84*	
		For >10 To 20, Deduct	*-45.73*	
		For >20 To 40, Deduct	*-82.84*	
		For >40, Deduct	*-174.30*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,424.50	257.79
		For Galvanized Finish, Add	*27.27*	
		For >10 To 20, Deduct	*-49.25*	
		For >20 To 40, Deduct	*-89.40*	
		For >40, Deduct	*-187.90*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,591.54	290.00
		For Galvanized Finish, Add	*30.35*	
		For >10 To 20, Deduct	*-54.96*	
		For >20 To 40, Deduct	*-99.81*	
		For >40, Deduct	*-209.73*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,763.33	322.23
		For Galvanized Finish, Add	*33.57*	
		For >10 To 20, Deduct	*-60.87*	
		For >20 To 40, Deduct	*-110.54*	
		For >40, Deduct	*-232.28*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,875.49	354.45
		For Galvanized Finish, Add	*35.00*	
		For >10 To 20, Deduct	*-64.39*	
		For >20 To 40, Deduct	*-117.11*	
		For >40, Deduct	*-245.88*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,975.73	386.67
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-67.43*	
		For >20 To 40, Deduct	*-122.83*	
		For >40, Deduct	*-257.69*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,374.38	225.56
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-48.21*	
		For >20 To 40, Deduct	*-87.18*	
		For >40, Deduct	*-183.60*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,488.92	257.79
		For Galvanized Finish, Add	*29.20*	
		For >10 To 20, Deduct	*-51.82*	
		For >20 To 40, Deduct	*-93.91*	
		For >40, Deduct	*-197.56*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,720.37	290.00
		For Galvanized Finish, Add	*34.21*	
		For >10 To 20, Deduct	*-60.11*	
		For >20 To 40, Deduct	*-108.83*	
		For >40, Deduct	*-229.06*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,846.83	322.23
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-64.21*	
		For >20 To 40, Deduct	*-116.39*	
		For >40, Deduct	*-244.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,966.14	354.45
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-68.01*	
		For >20 To 40, Deduct	*-123.45*	
		For >40, Deduct	*-259.48*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,061.62	386.67
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-70.86*	
		For >20 To 40, Deduct	*-128.85*	
		For >40, Deduct	*-270.58*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,407.66	515.56
		For Galvanized Finish, Add	*41.30*	
		For >10 To 20, Deduct	*-80.84*	
		For >20 To 40, Deduct	*-147.91*	
		For >40, Deduct	*-309.59*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,374.38	225.56
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-48.21*	
		For >20 To 40, Deduct	*-87.18*	
		For >40, Deduct	*-183.60*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,496.07	257.79
		For Galvanized Finish, Add	*29.42*	
		For >10 To 20, Deduct	*-52.11*	
		For >20 To 40, Deduct	*-94.41*	
		For >40, Deduct	*-198.63*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,758.54	290.00
		For Galvanized Finish, Add	*35.36*	
		For >10 To 20, Deduct	*-61.64*	
		For >20 To 40, Deduct	*-111.50*	
		For >40, Deduct	*-234.78*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,853.99	322.23
		For Galvanized Finish, Add	*36.29*	
		For >10 To 20, Deduct	*-64.49*	
		For >20 To 40, Deduct	*-116.89*	
		For >40, Deduct	*-245.88*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,966.14	354.45
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-68.01*	
		For >20 To 40, Deduct	*-123.45*	
		For >40, Deduct	*-259.48*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,061.62	386.67
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-70.86*	
		For >20 To 40, Deduct	*-128.85*	
		For >40, Deduct	*-270.58*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,474.46	515.56
		For Galvanized Finish, Add	*43.30*	
		For >10 To 20, Deduct	*-83.51*	
		For >20 To 40, Deduct	*-152.59*	
		For >40, Deduct	*-319.61*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,727.40	580.01
		For Galvanized Finish, Add	*47.02*	
		For >10 To 20, Deduct	*-91.70*	
		For >20 To 40, Deduct	*-167.72*	
		For >40, Deduct	*-351.11*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,214.30	386.67
		For Galvanized Finish, Add	*43.23*	
		For >10 To 20, Deduct	*-76.97*	
		For >20 To 40, Deduct	*-139.53*	
		For >40, Deduct	*-293.48*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,505.47	515.56
		For Galvanized Finish, Add	*44.23*	
		For >10 To 20, Deduct	*-84.75*	
		For >20 To 40, Deduct	*-154.76*	
		For >40, Deduct	*-324.26*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,787.04	580.01
		For Galvanized Finish, Add	*48.81*	
		For >10 To 20, Deduct	*-94.08*	
		For >20 To 40, Deduct	*-171.89*	
		For >40, Deduct	*-360.06*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,753.46	386.67
		For Galvanized Finish, Add	*59.40*	
		For >10 To 20, Deduct	*-98.54*	
		For >20 To 40, Deduct	*-177.28*	
		For >40, Deduct	*-374.35*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,827.42	386.67
		For Galvanized Finish, Add	*61.62*	
		For >10 To 20, Deduct	*-101.50*	
		For >20 To 40, Deduct	*-182.45*	
		For >40, Deduct	*-385.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,247.42	515.56
		For Galvanized Finish, Add	*66.49*	
		For >10 To 20, Deduct	*-114.43*	
		For >20 To 40, Deduct	*-206.70*	
		For >40, Deduct	*-435.56*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,400.10	515.56
		For Galvanized Finish, Add	*71.07*	
		For >10 To 20, Deduct	*-120.54*	
		For >20 To 40, Deduct	*-217.38*	
		For >40, Deduct	*-458.46*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,614.87	580.01
		For Galvanized Finish, Add	*73.65*	
		For >10 To 20, Deduct	*-127.19*	
		For >20 To 40, Deduct	*-229.84*	
		For >40, Deduct	*-484.23*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,870.14	580.01
		For Galvanized Finish, Add	*81.30*	
		For >10 To 20, Deduct	*-137.41*	
		For >20 To 40, Deduct	*-247.71*	
		For >40, Deduct	*-522.52*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,987.08	612.23
		For Galvanized Finish, Add	*82.88*	
		For >10 To 20, Deduct	*-141.12*	
		For >20 To 40, Deduct	*-254.61*	
		For >40, Deduct	*-536.84*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,144.53	612.23
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-147.41*	
		For >20 To 40, Deduct	*-265.63*	
		For >40, Deduct	*-560.46*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,521.47	612.23
		For Galvanized Finish, Add	*98.91*	
		For >10 To 20, Deduct	*-162.49*	
		For >20 To 40, Deduct	*-292.01*	
		For >40, Deduct	*-617.00*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,557.29	644.45
		For Galvanized Finish, Add	*98.05*	
		For >10 To 20, Deduct	*-162.96*	
		For >20 To 40, Deduct	*-293.23*	
		For >40, Deduct	*-619.15*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,624.09	644.45
		For Galvanized Finish, Add	*100.06*	
		For >10 To 20, Deduct	*-165.63*	
		For >20 To 40, Deduct	*-297.91*	
		For >40, Deduct	*-629.17*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,296.64	837.79
		For Galvanized Finish, Add	*138.63*	
		For >10 To 20, Deduct	*-226.73*	
		For >20 To 40, Deduct	*-407.25*	
		For >40, Deduct	*-860.72*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,540.11	966.68
		For Galvanized Finish, Add	*138.20*	
		For >10 To 20, Deduct	*-232.60*	
		For >20 To 40, Deduct	*-419.14*	
		For >40, Deduct	*-884.35*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,435.49	515.56
		For Galvanized Finish, Add	*102.13*	
		For >10 To 20, Deduct	*-161.95*	
		For >20 To 40, Deduct	*-289.86*	
		For >40, Deduct	*-613.77*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,036.74	580.01
		For Galvanized Finish, Add	*116.30*	
		For >10 To 20, Deduct	*-184.07*	
		For >20 To 40, Deduct	*-329.37*	
		For >40, Deduct	*-697.51*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,843.17	644.45
		For Galvanized Finish, Add	*136.63*	
		For >10 To 20, Deduct	*-214.39*	
		For >20 To 40, Deduct	*-383.24*	
		For >40, Deduct	*-812.03*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,040.97	837.79
		For Galvanized Finish, Add	*160.96*	
		For >10 To 20, Deduct	*-256.51*	
		For >20 To 40, Deduct	*-459.36*	
		For >40, Deduct	*-972.37*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,219.63	966.68
		For Galvanized Finish, Add	*188.59*	
		For >10 To 20, Deduct	*-299.78*	
		For >20 To 40, Deduct	*-536.71*	
		For >40, Deduct	*-1,136.28*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,190.60	966.68
		For Galvanized Finish, Add	*217.72*	
		For >10 To 20, Deduct	*-338.62*	
		For >20 To 40, Deduct	*-604.67*	
		For >40, Deduct	*-1,281.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	12,435.12	966.68
		For Galvanized Finish, Add	*315.05*	
		For >10 To 20, Deduct	*-468.40*	
		For >20 To 40, Deduct	*-831.79*	
		For >40, Deduct	*-1,768.60*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	14,009.67	966.68
		For Galvanized Finish, Add	*362.29*	
		For >10 To 20, Deduct	*-531.39*	
		For >20 To 40, Deduct	*-942.01*	
		For >40, Deduct	*-2,004.78*	
26 56 13 00-0228		Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0229		Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*		
26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,293.26	225.56
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-44.96*	
		For >20 To 40, Deduct	*-81.51*	
		For >40, Deduct	*-171.43*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,357.70	257.79
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-46.57*	
		For >20 To 40, Deduct	*-84.73*	
		For >40, Deduct	*-177.88*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,462.71	290.00
		For Galvanized Finish, Add	*26.48*	
		For >10 To 20, Deduct	*-49.81*	
		For >20 To 40, Deduct	*-90.79*	
		For >40, Deduct	*-190.41*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,552.19	306.11
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-52.90*	
		For >20 To 40, Deduct	*-96.41*	
		For >40, Deduct	*-202.22*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,584.41	322.23
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-53.71*	
		For >20 To 40, Deduct	*-98.02*	
		For >40, Deduct	*-205.44*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,675.09	354.45
		For Galvanized Finish, Add	*28.99*	
		For >10 To 20, Deduct	*-56.37*	
		For >20 To 40, Deduct	*-103.08*	
		For >40, Deduct	*-215.82*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,761.02	386.67
		For Galvanized Finish, Add	*29.63*	
		For >10 To 20, Deduct	*-58.84*	
		For >20 To 40, Deduct	*-107.80*	
		For >40, Deduct	*-225.49*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,161.93	515.56
		For Galvanized Finish, Add	*33.92*	
		For >10 To 20, Deduct	*-71.01*	
		For >20 To 40, Deduct	*-130.71*	
		For >40, Deduct	*-272.73*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,083.09	386.67
		For Galvanized Finish, Add	*39.29*	
		For >10 To 20, Deduct	*-71.72*	
		For >20 To 40, Deduct	*-130.35*	
		For >40, Deduct	*-273.80*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,605.67	515.56
		For Galvanized Finish, Add	*47.24*	
		For >10 To 20, Deduct	*-88.76*	
		For >20 To 40, Deduct	*-161.77*	
		For >40, Deduct	*-339.29*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,994.60	580.01
		For Galvanized Finish, Add	*55.04*	
		For >10 To 20, Deduct	*-102.38*	
		For >20 To 40, Deduct	*-186.42*	
		For >40, Deduct	*-391.19*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,994.82	386.67
		For Galvanized Finish, Add	*36.64*	
		For >10 To 20, Deduct	*-68.19*	
		For >20 To 40, Deduct	*-124.17*	
		For >40, Deduct	*-260.56*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,433.90	515.56
		For Galvanized Finish, Add	*42.08*	
		For >10 To 20, Deduct	*-81.89*	
		For >20 To 40, Deduct	*-149.75*	
		For >40, Deduct	*-313.53*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,846.69	580.01
		For Galvanized Finish, Add	*50.60*	
		For >10 To 20, Deduct	*-96.47*	
		For >20 To 40, Deduct	*-176.07*	
		For >40, Deduct	*-369.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,297.80	386.67
		For Galvanized Finish, Add	*45.73*	
		For >10 To 20, Deduct	*-80.31*	
		For >20 To 40, Deduct	*-145.38*	
		For >40, Deduct	*-306.00*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,820.38	515.56
		For Galvanized Finish, Add	*53.68*	
		For >10 To 20, Deduct	*-97.35*	
		For >20 To 40, Deduct	*-176.80*	
		For >40, Deduct	*-371.50*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,197.38	580.01
		For Galvanized Finish, Add	*61.12*	
		For >10 To 20, Deduct	*-110.50*	
		For >20 To 40, Deduct	*-200.62*	
		For >40, Deduct	*-421.61*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,557.66	612.23
		For Galvanized Finish, Add	*70.00*	
		For >10 To 20, Deduct	*-123.94*	
		For >20 To 40, Deduct	*-224.55*	
		For >40, Deduct	*-472.43*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,667.36	580.01
		For Galvanized Finish, Add	*75.22*	
		For >10 To 20, Deduct	*-129.29*	
		For >20 To 40, Deduct	*-233.52*	
		For >40, Deduct	*-492.10*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,030.02	612.23
		For Galvanized Finish, Add	*84.17*	
		For >10 To 20, Deduct	*-142.83*	
		For >20 To 40, Deduct	*-257.61*	
		For >40, Deduct	*-543.28*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,263.85	644.45
		For Galvanized Finish, Add	*89.25*	
		For >10 To 20, Deduct	*-151.22*	
		For >20 To 40, Deduct	*-272.69*	
		For >40, Deduct	*-575.13*	

26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,729.31	386.67
		For Galvanized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-177.57*	
		For >20 To 40, Deduct	*-315.58*	
		For >40, Deduct	*-670.73*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,256.05	515.56
		For Galvanized Finish, Add	*126.75*	
		For >10 To 20, Deduct	*-194.78*	
		For >20 To 40, Deduct	*-347.30*	
		For >40, Deduct	*-736.85*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,394.64	580.01
		For Galvanized Finish, Add	*187.04*	
		For >10 To 20, Deduct	*-278.39*	
		For >20 To 40, Deduct	*-494.42*	
		For >40, Deduct	*-1,051.20*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,825.73	386.67
		For Galvanized Finish, Add	*121.57*	
		For >10 To 20, Deduct	*-181.43*	
		For >20 To 40, Deduct	*-322.33*	
		For >40, Deduct	*-685.19*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,816.84	515.56
		For Galvanized Finish, Add	*143.57*	
		For >10 To 20, Deduct	*-217.21*	
		For >20 To 40, Deduct	*-386.56*	
		For >40, Deduct	*-820.97*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,229.47	580.01
		For Galvanized Finish, Add	*212.08*	
		For >10 To 20, Deduct	*-311.78*	
		For >20 To 40, Deduct	*-552.86*	
		For >40, Deduct	*-1,176.42*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,458.63	612.23
		For Galvanized Finish, Add	*247.03*	
		For >10 To 20, Deduct	*-359.98*	
		For >20 To 40, Deduct	*-637.61*	
		For >40, Deduct	*-1,357.57*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,139.47	644.45
		For Galvanized Finish, Add	*295.52*	
		For >10 To 20, Deduct	*-426.25*	
		For >20 To 40, Deduct	*-753.98*	
		For >40, Deduct	*-1,606.48*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,577.06	386.67
		For Galvanized Finish, Add	*114.11*	
		For >10 To 20, Deduct	*-171.48*	
		For >20 To 40, Deduct	*-304.93*	
		For >40, Deduct	*-647.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,012.45	515.56
		For Galvanized Finish, Add	*119.44*	
		For >10 To 20, Deduct	*-185.03*	
		For >20 To 40, Deduct	*-330.25*	
		For >40, Deduct	*-700.31*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,965.80	580.01
		For Galvanized Finish, Add	*174.17*	
		For >10 To 20, Deduct	*-261.23*	
		For >20 To 40, Deduct	*-464.41*	
		For >40, Deduct	*-986.87*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,752.14	386.67
		For Galvanized Finish, Add	*119.36*	
		For >10 To 20, Deduct	*-178.49*	
		For >20 To 40, Deduct	*-317.18*	
		For >40, Deduct	*-674.15*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,588.46	515.56
		For Galvanized Finish, Add	*136.72*	
		For >10 To 20, Deduct	*-208.07*	
		For >20 To 40, Deduct	*-370.57*	
		For >40, Deduct	*-786.71*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	7,912.29	580.01
		For Galvanized Finish, Add	*202.57*	
		For >10 To 20, Deduct	*-299.09*	
		For >20 To 40, Deduct	*-530.66*	
		For >40, Deduct	*-1,128.84*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,021.12	386.67
		For Galvanized Finish, Add	*127.43*	
		For >10 To 20, Deduct	*-189.24*	
		For >20 To 40, Deduct	*-336.01*	
		For >40, Deduct	*-714.50*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,073.12	515.56
		For Galvanized Finish, Add	*151.26*	
		For >10 To 20, Deduct	*-227.46*	
		For >20 To 40, Deduct	*-404.50*	
		For >40, Deduct	*-859.41*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,483.22	580.01
		For Galvanized Finish, Add	*219.70*	
		For >10 To 20, Deduct	*-321.93*	
		For >20 To 40, Deduct	*-570.63*	
		For >40, Deduct	*-1,214.48*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,768.21	612.23
		For Galvanized Finish, Add	*256.31*	
		For >10 To 20, Deduct	*-372.36*	
		For >20 To 40, Deduct	*-659.29*	
		For >40, Deduct	*-1,404.01*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,304.41	644.45
		For Galvanized Finish, Add	*300.47*	
		For >10 To 20, Deduct	*-432.84*	
		For >20 To 40, Deduct	*-765.53*	
		For >40, Deduct	*-1,631.22*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,557.44	386.67
		For Galvanized Finish, Add	*83.52*	
		For >10 To 20, Deduct	*-130.70*	
		For >20 To 40, Deduct	*-233.55*	
		For >40, Deduct	*-494.95*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,306.66	515.56
		For Galvanized Finish, Add	*98.27*	
		For >10 To 20, Deduct	*-156.80*	
		For >20 To 40, Deduct	*-280.84*	
		For >40, Deduct	*-594.44*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,791.01	580.01
		For Galvanized Finish, Add	*108.93*	
		For >10 To 20, Deduct	*-174.24*	
		For >20 To 40, Deduct	*-312.17*	
		For >40, Deduct	*-660.65*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,325.44	612.23
		For Galvanized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-194.65*	
		For >20 To 40, Deduct	*-348.29*	
		For >40, Deduct	*-737.59*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,614.15	644.45
		For Galvanized Finish, Add	*129.76*	
		For >10 To 20, Deduct	*-205.23*	
		For >20 To 40, Deduct	*-367.21*	
		For >40, Deduct	*-777.68*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,628.61	386.67
		For Galvanized Finish, Add	*115.66*	
		For >10 To 20, Deduct	*-173.54*	
		For >20 To 40, Deduct	*-308.54*	
		For >40, Deduct	*-655.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,146.42	515.56
		For Galvanized Finish, Add	*123.46*	
		For >10 To 20, Deduct	*-190.39*	
		For >20 To 40, Deduct	*-339.63*	
		For >40, Deduct	*-720.41*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,478.09	580.01
		For Galvanized Finish, Add	*129.54*	
		For >10 To 20, Deduct	*-201.72*	
		For >20 To 40, Deduct	*-360.27*	
		For >40, Deduct	*-763.71*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,107.91	580.01
		For Galvanized Finish, Add	*148.44*	
		For >10 To 20, Deduct	*-226.92*	
		For >20 To 40, Deduct	*-404.35*	
		For >40, Deduct	*-858.19*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,625.64	612.23
		For Galvanized Finish, Add	*162.04*	
		For >10 To 20, Deduct	*-246.66*	
		For >20 To 40, Deduct	*-439.31*	
		For >40, Deduct	*-932.62*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,405.76	612.23
		For Galvanized Finish, Add	*185.44*	
		For >10 To 20, Deduct	*-277.86*	
		For >20 To 40, Deduct	*-493.91*	
		For >40, Deduct	*-1,049.64*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,725.87	644.45
		For Galvanized Finish, Add	*163.11*	
		For >10 To 20, Deduct	*-249.70*	
		For >20 To 40, Deduct	*-445.03*	
		For >40, Deduct	*-944.44*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,646.35	644.45
		For Galvanized Finish, Add	*220.72*	
		For >10 To 20, Deduct	*-326.52*	
		For >20 To 40, Deduct	*-579.47*	
		For >40, Deduct	*-1,232.51*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,921.29	837.79
		For Galvanized Finish, Add	*187.37*	
		For >10 To 20, Deduct	*-291.72*	
		For >20 To 40, Deduct	*-520.98*	
		For >40, Deduct	*-1,104.41*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,231.03	837.79
		For Galvanized Finish, Add	*226.66*	
		For >10 To 20, Deduct	*-344.11*	
		For >20 To 40, Deduct	*-612.66*	
		For >40, Deduct	*-1,300.88*	
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,555.61	966.68
		For Galvanized Finish, Add	*228.67*	
		For >10 To 20, Deduct	*-353.22*	
		For >20 To 40, Deduct	*-630.23*	
		For >40, Deduct	*-1,336.67*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Diameter, Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	84.58
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	125.79
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	127.96

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	768.09	193.33
		For Bronze Or Satin Anodized Finish, Add	*38.14*	
		For Black Anodized Finish, Add	*76.28*	
		For >10 To 20, Deduct	*-24.92*	
		For >20 To 40, Deduct	*-46.03*	
		For >40, Deduct	*-95.88*	
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	852.10	225.56
		For Bronze Or Satin Anodized Finish, Add	*40.10*	
		For Black Anodized Finish, Add	*80.20*	
		For >10 To 20, Deduct	*-27.32*	
		For >20 To 40, Deduct	*-50.62*	
		For >40, Deduct	*-105.26*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	940.99	257.79
		For Bronze Or Satin Anodized Finish, Add	*42.54*	
		For Black Anodized Finish, Add	*85.09*	
		For >10 To 20, Deduct	*-29.91*	
		For >20 To 40, Deduct	*-55.56*	
		For >40, Deduct	*-115.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,030.87	290.00
		For Bronze Or Satin Anodized Finish, Add	*45.09*	
		For Black Anodized Finish, Add	*90.17*	
		For >10 To 20, Deduct	*-32.53*	
		For >20 To 40, Deduct	*-60.56*	
		For >40, Deduct	*-125.63*	
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,079.72	306.11
		For Bronze Or Satin Anodized Finish, Add	*46.75*	
		For Black Anodized Finish, Add	*93.50*	
		For >10 To 20, Deduct	*-34.01*	
		For >20 To 40, Deduct	*-63.34*	
		For >40, Deduct	*-131.35*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,127.59	322.23
		For Bronze Or Satin Anodized Finish, Add	*48.31*	
		For Black Anodized Finish, Add	*96.63*	
		For >10 To 20, Deduct	*-35.44*	
		For >20 To 40, Deduct	*-66.04*	
		For >40, Deduct	*-136.92*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,186.27	322.23
		For Bronze Or Satin Anodized Finish, Add	*54.18*	
		For Black Anodized Finish, Add	*108.36*	
		For >10 To 20, Deduct	*-37.78*	
		For >20 To 40, Deduct	*-70.15*	
		For >40, Deduct	*-145.72*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,287.87	354.45
		For Bronze Or Satin Anodized Finish, Add	*57.90*	
		For Black Anodized Finish, Add	*115.80*	
		For >10 To 20, Deduct	*-40.88*	
		For >20 To 40, Deduct	*-75.97*	
		For >40, Deduct	*-157.74*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,383.63	386.67
		For Bronze Or Satin Anodized Finish, Add	*61.03*	
		For Black Anodized Finish, Add	*122.06*	
		For >10 To 20, Deduct	*-43.74*	
		For >20 To 40, Deduct	*-81.39*	
		For >40, Deduct	*-168.88*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,295.86	306.11
		For Bronze Or Satin Anodized Finish, Add	*68.36*	
		For Black Anodized Finish, Add	*136.73*	
		For >10 To 20, Deduct	*-42.65*	
		For >20 To 40, Deduct	*-78.47*	
		For >40, Deduct	*-163.77*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,599.77	386.67
		For Bronze Or Satin Anodized Finish, Add	*82.64*	
		For Black Anodized Finish, Add	*165.28*	
		For >10 To 20, Deduct	*-52.39*	
		For >20 To 40, Deduct	*-96.52*	
		For >40, Deduct	*-201.30*	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,709.31	386.67
		For Bronze Or Satin Anodized Finish, Add	*93.60*	
		For Black Anodized Finish, Add	*187.19*	
		For >10 To 20, Deduct	*-56.77*	
		For >20 To 40, Deduct	*-104.18*	
		For >40, Deduct	*-217.73*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,069.77	515.56
		For Bronze Or Satin Anodized Finish, Add	*103.87*	
		For Black Anodized Finish, Add	*207.73*	
		For >10 To 20, Deduct	*-67.32*	
		For >20 To 40, Deduct	*-124.26*	
		For >40, Deduct	*-258.91*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,393.28	580.01
		For Bronze Or Satin Anodized Finish, Add	*123.33*	
		For Black Anodized Finish, Add	*246.65*	
		For >10 To 20, Deduct	*-78.33*	
		For >20 To 40, Deduct	*-144.33*	
		For >40, Deduct	*-300.99*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,451.11	386.67
		For Bronze Or Satin Anodized Finish, Add	*67.78*	
		For Black Anodized Finish, Add	*135.55*	
		For >10 To 20, Deduct	*-46.44*	
		For >20 To 40, Deduct	*-86.11*	
		For >40, Deduct	*-179.00*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,700.50	386.67
		For Bronze Or Satin Anodized Finish, Add	*92.72*	
		For Black Anodized Finish, Add	*185.43*	
		For >10 To 20, Deduct	*-56.42*	
		For >20 To 40, Deduct	*-103.57*	
		For >40, Deduct	*-216.41*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,054.12	515.56
		For Bronze Or Satin Anodized Finish, Add	*102.30*	
		For Black Anodized Finish, Add	*204.60*	
		For >10 To 20, Deduct	*-66.70*	
		For >20 To 40, Deduct	*-123.17*	
		For >40, Deduct	*-256.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,195.93	515.56
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-72.37*	
		For >20 To 40, Deduct	*-133.09*	
		For >40, Deduct	*-277.83*	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,553.67	580.01
		For Bronze Or Satin Anodized Finish, Add	*139.37*	
		For Black Anodized Finish, Add	*278.73*	
		For >10 To 20, Deduct	*-84.75*	
		For >20 To 40, Deduct	*-155.56*	
		For >40, Deduct	*-325.05*	
26 56 13 00-0316		Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*		
26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	867.85	193.33
		For Bronze, Satin Or Black Anodized Finish, Add	*72.18*	
		For >10 To 20, Deduct	*-28.91*	
		For >20 To 40, Deduct	*-53.02*	
		For >40, Deduct	*-110.84*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	971.42	225.56
		For Bronze, Satin Or Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-32.09*	
		For >20 To 40, Deduct	*-58.98*	
		For >40, Deduct	*-123.16*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,071.07	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*83.33*	
		For >10 To 20, Deduct	*-35.11*	
		For >20 To 40, Deduct	*-64.66*	
		For >40, Deduct	*-134.88*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,152.15	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*85.82*	
		For >10 To 20, Deduct	*-37.39*	
		For >20 To 40, Deduct	*-69.05*	
		For >40, Deduct	*-143.82*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,244.95	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*90.08*	
		For >10 To 20, Deduct	*-40.13*	
		For >20 To 40, Deduct	*-74.26*	
		For >40, Deduct	*-154.52*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	991.96	225.56
		For Bronze, Satin Or Black Anodized Finish, Add	*81.13*	
		For >10 To 20, Deduct	*-32.91*	
		For >20 To 40, Deduct	*-60.41*	
		For >40, Deduct	*-126.24*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,089.65	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*86.11*	
		For >10 To 20, Deduct	*-35.85*	
		For >20 To 40, Deduct	*-65.96*	
		For >40, Deduct	*-137.67*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,190.29	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-38.91*	
		For >20 To 40, Deduct	*-71.72*	
		For >40, Deduct	*-149.54*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,289.94	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*96.82*	
		For >10 To 20, Deduct	*-41.93*	
		For >20 To 40, Deduct	*-77.41*	
		For >40, Deduct	*-161.27*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,394.47	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-45.15*	
		For >20 To 40, Deduct	*-83.44*	
		For >40, Deduct	*-173.73*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,493.17	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*107.97*	
		For >10 To 20, Deduct	*-48.13*	
		For >20 To 40, Deduct	*-89.05*	
		For >40, Deduct	*-185.31*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,127.79	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*91.83*	
		For >10 To 20, Deduct	*-37.38*	
		For >20 To 40, Deduct	*-68.63*	
		For >40, Deduct	*-143.39*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,235.28	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*98.29*	
		For >10 To 20, Deduct	*-40.71*	
		For >20 To 40, Deduct	*-74.87*	
		For >40, Deduct	*-156.29*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,341.77	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*104.60*	
		For >10 To 20, Deduct	*-44.00*	
		For >20 To 40, Deduct	*-81.03*	
		For >40, Deduct	*-169.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,450.22	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*111.20*	
		For >10 To 20, Deduct	*-47.38*	
		For >20 To 40, Deduct	*-87.34*	
		For >40, Deduct	*-182.09*	
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,396.54	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*112.81*	
		For >10 To 20, Deduct	*-46.19*	
		For >20 To 40, Deduct	*-84.87*	
		For >40, Deduct	*-177.26*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,621.28	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*127.19*	
		For >10 To 20, Deduct	*-53.25*	
		For >20 To 40, Deduct	*-98.02*	
		For >40, Deduct	*-204.52*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,163.98	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*97.26*	
		For >10 To 20, Deduct	*-38.83*	
		For >20 To 40, Deduct	*-71.17*	
		For >40, Deduct	*-148.82*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,282.22	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*105.33*	
		For >10 To 20, Deduct	*-42.59*	
		For >20 To 40, Deduct	*-78.16*	
		For >40, Deduct	*-163.33*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,390.67	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*111.93*	
		For >10 To 20, Deduct	*-45.96*	
		For >20 To 40, Deduct	*-84.46*	
		For >40, Deduct	*-176.38*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,504.99	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-49.57*	
		For >20 To 40, Deduct	*-91.17*	
		For >40, Deduct	*-190.30*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,616.39	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*126.46*	
		For >10 To 20, Deduct	*-53.06*	
		For >20 To 40, Deduct	*-97.68*	
		For >40, Deduct	*-203.79*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,462.07	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*122.64*	
		For >10 To 20, Deduct	*-48.82*	
		For >20 To 40, Deduct	*-89.46*	
		For >40, Deduct	*-187.09*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,585.19	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*131.45*	
		For >10 To 20, Deduct	*-52.77*	
		For >20 To 40, Deduct	*-96.79*	
		For >40, Deduct	*-202.33*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,646.71	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*131.00*	
		For >10 To 20, Deduct	*-54.27*	
		For >20 To 40, Deduct	*-99.80*	
		For >40, Deduct	*-208.34*	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	682.14	161.12
		For Bronze Or Satin Anodized Finish, Add	*35.99*	
		For Black Anodized Finish, Add	*71.98*	
		For >10 To 20, Deduct	*-22.45*	
		For >20 To 40, Deduct	*-41.31*	
		For >40, Deduct	*-86.21*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	732.94	177.22
		For Bronze Or Satin Anodized Finish, Add	*37.85*	
		For Black Anodized Finish, Add	*75.70*	
		For >10 To 20, Deduct	*-24.00*	
		For >20 To 40, Deduct	*-44.22*	
		For >40, Deduct	*-92.22*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	809.17	193.33
		For Bronze Or Satin Anodized Finish, Add	*42.25*	
		For Black Anodized Finish, Add	*84.50*	
		For >10 To 20, Deduct	*-26.57*	
		For >20 To 40, Deduct	*-48.91*	
		For >40, Deduct	*-102.04*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	831.66	193.33
		For Bronze Or Satin Anodized Finish, Add	*44.50*	
		For Black Anodized Finish, Add	*89.00*	
		For >10 To 20, Deduct	*-27.47*	
		For >20 To 40, Deduct	*-50.48*	
		For >40, Deduct	*-105.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	860.03	193.33
		For Bronze Or Satin Anodized Finish, Add	*47.34*	
		For Black Anodized Finish, Add	*94.67*	
		For >10 To 20, Deduct	*-28.60*	
		For >20 To 40, Deduct	*-52.47*	
		For >40, Deduct	*-109.67*	
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	978.31	209.45
		For Bronze Or Satin Anodized Finish, Add	*55.94*	
		For Black Anodized Finish, Add	*111.88*	
		For >10 To 20, Deduct	*-32.85*	
		For >20 To 40, Deduct	*-60.10*	
		For >40, Deduct	*-125.80*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,046.73	225.56
		For Bronze Or Satin Anodized Finish, Add	*59.56*	
		For Black Anodized Finish, Add	*119.12*	
		For >10 To 20, Deduct	*-35.10*	
		For >20 To 40, Deduct	*-64.25*	
		For >40, Deduct	*-134.45*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,198.32	225.56
		For Bronze Or Satin Anodized Finish, Add	*74.72*	
		For Black Anodized Finish, Add	*149.44*	
		For >10 To 20, Deduct	*-41.17*	
		For >20 To 40, Deduct	*-74.86*	
		For >40, Deduct	*-157.19*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,457.38	257.79
		For Bronze Or Satin Anodized Finish, Add	*94.18*	
		For Black Anodized Finish, Add	*188.36*	
		For >10 To 20, Deduct	*-50.56*	
		For >20 To 40, Deduct	*-91.71*	
		For >40, Deduct	*-192.83*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,652.89	290.00
		For Bronze Or Satin Anodized Finish, Add	*107.29*	
		For Black Anodized Finish, Add	*214.58*	
		For >10 To 20, Deduct	*-57.42*	
		For >20 To 40, Deduct	*-104.10*	
		For >40, Deduct	*-218.93*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,831.86	290.00
		For Bronze Or Satin Anodized Finish, Add	*125.19*	
		For Black Anodized Finish, Add	*250.37*	
		For >10 To 20, Deduct	*-64.57*	
		For >20 To 40, Deduct	*-116.63*	
		For >40, Deduct	*-245.78*	

26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	663.45	193.33
		For Bronze Or Satin Anodized Finish, Add	*27.68*	
		For Black Anodized Finish, Add	*55.36*	
		For >10 To 20, Deduct	*-20.74*	
		For >20 To 40, Deduct	*-38.71*	
		For >40, Deduct	*-80.18*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	750.39	225.56
		For Bronze Or Satin Anodized Finish, Add	*29.93*	
		For Black Anodized Finish, Add	*59.85*	
		For >10 To 20, Deduct	*-23.25*	
		For >20 To 40, Deduct	*-43.50*	
		For >40, Deduct	*-90.00*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	837.33	257.79
		For Bronze Or Satin Anodized Finish, Add	*32.18*	
		For Black Anodized Finish, Add	*64.35*	
		For >10 To 20, Deduct	*-25.76*	
		For >20 To 40, Deduct	*-48.30*	
		For >40, Deduct	*-99.82*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	933.07	290.00
		For Bronze Or Satin Anodized Finish, Add	*35.31*	
		For Black Anodized Finish, Add	*70.61*	
		For >10 To 20, Deduct	*-28.62*	
		For >20 To 40, Deduct	*-53.71*	
		For >40, Deduct	*-110.96*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,027.83	322.23
		For Bronze Or Satin Anodized Finish, Add	*38.34*	
		For Black Anodized Finish, Add	*76.68*	
		For >10 To 20, Deduct	*-31.45*	
		For >20 To 40, Deduct	*-59.06*	
		For >40, Deduct	*-121.95*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	775.82	225.56
		For Bronze Or Satin Anodized Finish, Add	*32.47*	
		For Black Anodized Finish, Add	*64.94*	
		For >10 To 20, Deduct	*-24.27*	
		For >20 To 40, Deduct	*-45.29*	
		For >40, Deduct	*-93.82*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	877.42	257.79
		For Bronze Or Satin Anodized Finish, Add	*36.19*	
		For Black Anodized Finish, Add	*72.37*	
		For >10 To 20, Deduct	*-27.36*	
		For >20 To 40, Deduct	*-51.11*	
		For >40, Deduct	*-105.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	976.10	290.00
		For Bronze Or Satin Anodized Finish, Add	*39.61*	
		For Black Anodized Finish, Add	*79.22*	
		For >10 To 20, Deduct	*-30.34*	
		For >20 To 40, Deduct	*-56.73*	
		For >40, Deduct	*-117.41*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,166.60	354.45
		For Bronze Or Satin Anodized Finish, Add	*45.77*	
		For Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-36.03*	
		For >20 To 40, Deduct	*-67.48*	
		For >40, Deduct	*-139.55*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,255.51	386.67
		For Bronze Or Satin Anodized Finish, Add	*48.22*	
		For Black Anodized Finish, Add	*96.43*	
		For >10 To 20, Deduct	*-38.62*	
		For >20 To 40, Deduct	*-72.42*	
		For >40, Deduct	*-149.66*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	913.61	257.79
		For Bronze Or Satin Anodized Finish, Add	*39.81*	
		For Black Anodized Finish, Add	*79.61*	
		For >10 To 20, Deduct	*-28.81*	
		For >20 To 40, Deduct	*-53.64*	
		For >40, Deduct	*-111.26*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,018.16	290.00
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-32.03*	
		For >20 To 40, Deduct	*-59.67*	
		For >40, Deduct	*-123.72*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,129.54	322.23
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-35.51*	
		For >20 To 40, Deduct	*-66.18*	
		For >40, Deduct	*-137.21*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,223.32	354.45
		For Bronze Or Satin Anodized Finish, Add	*51.44*	
		For Black Anodized Finish, Add	*102.89*	
		For >10 To 20, Deduct	*-38.30*	
		For >20 To 40, Deduct	*-71.45*	
		For >40, Deduct	*-148.05*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,330.82	386.67
		For Bronze Or Satin Anodized Finish, Add	*55.75*	
		For Black Anodized Finish, Add	*111.49*	
		For >10 To 20, Deduct	*-41.63*	
		For >20 To 40, Deduct	*-77.69*	
		For >40, Deduct	*-160.96*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,225.39	322.23
		For Bronze Or Satin Anodized Finish, Add	*58.09*	
		For Black Anodized Finish, Add	*116.19*	
		For >10 To 20, Deduct	*-39.35*	
		For >20 To 40, Deduct	*-72.89*	
		For >40, Deduct	*-151.59*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,345.57	354.45
		For Bronze Or Satin Anodized Finish, Add	*63.67*	
		For Black Anodized Finish, Add	*127.34*	
		For >10 To 20, Deduct	*-43.19*	
		For >20 To 40, Deduct	*-80.01*	
		For >40, Deduct	*-166.39*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,425.68	386.67
		For Bronze Or Satin Anodized Finish, Add	*65.23*	
		For Black Anodized Finish, Add	*130.47*	
		For >10 To 20, Deduct	*-45.43*	
		For >20 To 40, Deduct	*-84.33*	
		For >40, Deduct	*-175.18*	
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,641.62	451.12
		For Bronze Or Satin Anodized Finish, Add	*73.94*	
		For Black Anodized Finish, Add	*147.88*	
		For >10 To 20, Deduct	*-52.13*	
		For >20 To 40, Deduct	*-96.87*	
		For >40, Deduct	*-201.13*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,863.41	515.56
		For Bronze Or Satin Anodized Finish, Add	*83.23*	
		For Black Anodized Finish, Add	*166.46*	
		For >10 To 20, Deduct	*-59.07*	
		For >20 To 40, Deduct	*-109.82*	
		For >40, Deduct	*-227.96*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,441.42	354.45
		For Bronze Or Satin Anodized Finish, Add	*73.25*	
		For Black Anodized Finish, Add	*146.51*	
		For >10 To 20, Deduct	*-47.02*	
		For >20 To 40, Deduct	*-86.72*	
		For >40, Deduct	*-180.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,542.07	386.67
		For Bronze Or Satin Anodized Finish, Add	*76.87*	
		For Black Anodized Finish, Add	*153.74*	
		For >10 To 20, Deduct	*-50.08*	
		For >20 To 40, Deduct	*-92.48*	
		For >40, Deduct	*-192.64*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,733.55	451.12
		For Bronze Or Satin Anodized Finish, Add	*83.13*	
		For Black Anodized Finish, Add	*166.26*	
		For >10 To 20, Deduct	*-55.81*	
		For >20 To 40, Deduct	*-103.30*	
		For >40, Deduct	*-214.92*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,933.82	515.56
		For Bronze Or Satin Anodized Finish, Add	*90.27*	
		For Black Anodized Finish, Add	*180.54*	
		For >10 To 20, Deduct	*-61.89*	
		For >20 To 40, Deduct	*-114.75*	
		For >40, Deduct	*-238.52*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,077.49	547.79
		For Bronze Or Satin Anodized Finish, Add	*98.19*	
		For Black Anodized Finish, Add	*196.38*	
		For >10 To 20, Deduct	*-66.67*	
		For >20 To 40, Deduct	*-123.51*	
		For >40, Deduct	*-256.85*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,223.11	580.01
		For Bronze Or Satin Anodized Finish, Add	*106.31*	
		For Black Anodized Finish, Add	*212.62*	
		For >10 To 20, Deduct	*-71.52*	
		For >20 To 40, Deduct	*-132.42*	
		For >40, Deduct	*-275.47*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,824.50	451.12
		For Bronze Or Satin Anodized Finish, Add	*92.23*	
		For Black Anodized Finish, Add	*184.45*	
		For >10 To 20, Deduct	*-59.45*	
		For >20 To 40, Deduct	*-109.67*	
		For >40, Deduct	*-228.56*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,994.46	515.56
		For Bronze Or Satin Anodized Finish, Add	*96.33*	
		For Black Anodized Finish, Add	*192.67*	
		For >10 To 20, Deduct	*-64.31*	
		For >20 To 40, Deduct	*-118.99*	
		For >40, Deduct	*-247.61*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,143.02	547.79
		For Bronze Or Satin Anodized Finish, Add	*104.75*	
		For Black Anodized Finish, Add	*209.49*	
		For >10 To 20, Deduct	*-69.29*	
		For >20 To 40, Deduct	*-128.10*	
		For >40, Deduct	*-266.67*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,324.82	580.01
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-75.59*	
		For >20 To 40, Deduct	*-139.54*	
		For >40, Deduct	*-290.72*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,401.06	596.11
		For Bronze Or Satin Anodized Finish, Add	*120.88*	
		For Black Anodized Finish, Add	*241.76*	
		For >10 To 20, Deduct	*-78.16*	
		For >20 To 40, Deduct	*-144.23*	
		For >40, Deduct	*-300.55*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,551.62	612.23
		For Bronze Or Satin Anodized Finish, Add	*132.72*	
		For Black Anodized Finish, Add	*265.43*	
		For >10 To 20, Deduct	*-83.70*	
		For >20 To 40, Deduct	*-154.12*	
		For >40, Deduct	*-321.52*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	953.71	257.79
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-30.42*	
		For >20 To 40, Deduct	*-56.45*	
		For >40, Deduct	*-117.28*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,065.10	290.00
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-33.90*	
		For >20 To 40, Deduct	*-62.96*	
		For >40, Deduct	*-130.76*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,180.40	322.23
		For Bronze Or Satin Anodized Finish, Add	*53.60*	
		For Black Anodized Finish, Add	*107.19*	
		For >10 To 20, Deduct	*-37.55*	
		For >20 To 40, Deduct	*-69.74*	
		For >40, Deduct	*-144.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,284.94	354.45
		For Bronze Or Satin Anodized Finish, Add	*57.61*	
		For Black Anodized Finish, Add	*115.21*	
		For >10 To 20, Deduct	*-40.76*	
		For >20 To 40, Deduct	*-75.77*	
		For >40, Deduct	*-157.30*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,388.52	386.67
		For Bronze Or Satin Anodized Finish, Add	*61.52*	
		For Black Anodized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-43.94*	
		For >20 To 40, Deduct	*-81.73*	
		For >40, Deduct	*-169.61*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,287.00	322.23
		For Bronze Or Satin Anodized Finish, Add	*64.26*	
		For Black Anodized Finish, Add	*128.51*	
		For >10 To 20, Deduct	*-41.81*	
		For >20 To 40, Deduct	*-77.20*	
		For >40, Deduct	*-160.83*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,410.12	354.45
		For Bronze Or Satin Anodized Finish, Add	*70.12*	
		For Black Anodized Finish, Add	*140.25*	
		For >10 To 20, Deduct	*-45.77*	
		For >20 To 40, Deduct	*-84.53*	
		For >40, Deduct	*-176.07*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,502.95	386.67
		For Bronze Or Satin Anodized Finish, Add	*72.96*	
		For Black Anodized Finish, Add	*145.92*	
		For >10 To 20, Deduct	*-48.52*	
		For >20 To 40, Deduct	*-89.74*	
		For >40, Deduct	*-186.78*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,713.99	451.12
		For Bronze Or Satin Anodized Finish, Add	*81.18*	
		For Black Anodized Finish, Add	*162.35*	
		For >10 To 20, Deduct	*-55.03*	
		For >20 To 40, Deduct	*-101.93*	
		For >40, Deduct	*-211.99*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,930.89	515.56
		For Bronze Or Satin Anodized Finish, Add	*89.98*	
		For Black Anodized Finish, Add	*179.95*	
		For >10 To 20, Deduct	*-61.77*	
		For >20 To 40, Deduct	*-114.54*	
		For >40, Deduct	*-238.08*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,935.02	451.12
		For Bronze Or Satin Anodized Finish, Add	*103.28*	
		For Black Anodized Finish, Add	*206.56*	
		For >10 To 20, Deduct	*-63.87*	
		For >20 To 40, Deduct	*-117.41*	
		For >40, Deduct	*-245.14*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,141.16	515.56
		For Bronze Or Satin Anodized Finish, Add	*111.00*	
		For Black Anodized Finish, Add	*222.01*	
		For >10 To 20, Deduct	*-70.18*	
		For >20 To 40, Deduct	*-129.26*	
		For >40, Deduct	*-269.62*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,301.46	547.79
		For Bronze Or Satin Anodized Finish, Add	*120.59*	
		For Black Anodized Finish, Add	*241.18*	
		For >10 To 20, Deduct	*-75.62*	
		For >20 To 40, Deduct	*-139.19*	
		For >40, Deduct	*-290.44*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,445.12	580.01
		For Bronze Or Satin Anodized Finish, Add	*128.51*	
		For Black Anodized Finish, Add	*257.02*	
		For >10 To 20, Deduct	*-80.40*	
		For >20 To 40, Deduct	*-147.96*	
		For >40, Deduct	*-308.77*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,572.21	596.11
		For Bronze Or Satin Anodized Finish, Add	*138.00*	
		For Black Anodized Finish, Add	*275.99*	
		For >10 To 20, Deduct	*-85.00*	
		For >20 To 40, Deduct	*-156.21*	
		For >40, Deduct	*-326.22*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,683.65	612.23
		For Bronze Or Satin Anodized Finish, Add	*145.92*	
		For Black Anodized Finish, Add	*291.84*	
		For >10 To 20, Deduct	*-88.98*	
		For >20 To 40, Deduct	*-163.37*	
		For >40, Deduct	*-341.32*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,779.44	628.34
		For Bronze Or Satin Anodized Finish, Add	*152.28*	
		For Black Anodized Finish, Add	*304.55*	
		For >10 To 20, Deduct	*-92.33*	
		For >20 To 40, Deduct	*-169.43*	
		For >40, Deduct	*-354.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,948.59	644.45
		For Bronze Or Satin Anodized Finish, Add	*165.97*	
		For Black Anodized Finish, Add	*331.94*	
		For >10 To 20, Deduct	*-98.61*	
		For >20 To 40, Deduct	*-180.62*	
		For >40, Deduct	*-377.84*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,723.96	547.79
		For Bronze Or Satin Anodized Finish, Add	*162.84*	
		For Black Anodized Finish, Add	*325.68*	
		For >10 To 20, Deduct	*-92.52*	
		For >20 To 40, Deduct	*-168.77*	
		For >40, Deduct	*-353.82*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,934.12	580.01
		For Bronze Or Satin Anodized Finish, Add	*177.41*	
		For Black Anodized Finish, Add	*354.82*	
		For >10 To 20, Deduct	*-99.96*	
		For >20 To 40, Deduct	*-182.19*	
		For >40, Deduct	*-382.12*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,080.78	596.11
		For Bronze Or Satin Anodized Finish, Add	*188.85*	
		For Black Anodized Finish, Add	*377.71*	
		For >10 To 20, Deduct	*-105.35*	
		For >20 To 40, Deduct	*-191.81*	
		For >40, Deduct	*-402.51*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,193.19	612.23
		For Bronze Or Satin Anodized Finish, Add	*196.87*	
		For Black Anodized Finish, Add	*393.75*	
		For >10 To 20, Deduct	*-109.36*	
		For >20 To 40, Deduct	*-199.03*	
		For >40, Deduct	*-417.76*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,257.69	628.34
		For Bronze Or Satin Anodized Finish, Add	*200.10*	
		For Black Anodized Finish, Add	*400.20*	
		For >10 To 20, Deduct	*-111.46*	
		For >20 To 40, Deduct	*-202.90*	
		For >40, Deduct	*-425.82*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,443.47	644.45
		For Bronze Or Satin Anodized Finish, Add	*215.46*	
		For Black Anodized Finish, Add	*430.91*	
		For >10 To 20, Deduct	*-118.41*	
		For >20 To 40, Deduct	*-215.26*	
		For >40, Deduct	*-452.08*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,589.97	547.79
		For Bronze Or Satin Anodized Finish, Add	*149.44*	
		For Black Anodized Finish, Add	*298.88*	
		For >10 To 20, Deduct	*-87.17*	
		For >20 To 40, Deduct	*-159.39*	
		For >40, Deduct	*-333.72*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,782.53	580.01
		For Bronze Or Satin Anodized Finish, Add	*162.25*	
		For Black Anodized Finish, Add	*324.50*	
		For >10 To 20, Deduct	*-93.90*	
		For >20 To 40, Deduct	*-171.58*	
		For >40, Deduct	*-359.38*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,858.77	596.11
		For Bronze Or Satin Anodized Finish, Add	*166.65*	
		For Black Anodized Finish, Add	*333.31*	
		For >10 To 20, Deduct	*-96.47*	
		For >20 To 40, Deduct	*-176.27*	
		For >40, Deduct	*-369.20*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,047.47	612.23
		For Bronze Or Satin Anodized Finish, Add	*182.30*	
		For Black Anodized Finish, Add	*364.60*	
		For >10 To 20, Deduct	*-103.53*	
		For >20 To 40, Deduct	*-188.83*	
		For >40, Deduct	*-395.90*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,142.28	628.34
		For Bronze Or Satin Anodized Finish, Add	*188.56*	
		For Black Anodized Finish, Add	*377.12*	
		For >10 To 20, Deduct	*-106.84*	
		For >20 To 40, Deduct	*-194.83*	
		For >40, Deduct	*-408.51*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,329.04	644.45
		For Bronze Or Satin Anodized Finish, Add	*204.01*	
		For Black Anodized Finish, Add	*408.03*	
		For >10 To 20, Deduct	*-113.83*	
		For >20 To 40, Deduct	*-207.25*	
		For >40, Deduct	*-434.91*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,202.20	547.79
		For Bronze Or Satin Anodized Finish, Add	*210.66*	
		For Black Anodized Finish, Add	*421.33*	
		For >10 To 20, Deduct	*-111.65*	
		For >20 To 40, Deduct	*-202.24*	
		For >40, Deduct	*-425.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,385.96	580.01
		For Bronze Or Satin Anodized Finish, Add	*222.60*	
		For Black Anodized Finish, Add	*445.19*	
		For >10 To 20, Deduct	*-118.04*	
		For >20 To 40, Deduct	*-213.82*	
		For >40, Deduct	*-449.89*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,534.57	596.11
		For Bronze Or Satin Anodized Finish, Add	*234.23*	
		For Black Anodized Finish, Add	*468.47*	
		For >10 To 20, Deduct	*-123.50*	
		For >20 To 40, Deduct	*-223.58*	
		For >40, Deduct	*-470.57*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,762.40	612.23
		For Bronze Or Satin Anodized Finish, Add	*253.79*	
		For Black Anodized Finish, Add	*507.59*	
		For >10 To 20, Deduct	*-132.13*	
		For >20 To 40, Deduct	*-238.88*	
		For >40, Deduct	*-503.14*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,816.13	628.34
		For Bronze Or Satin Anodized Finish, Add	*255.95*	
		For Black Anodized Finish, Add	*511.89*	
		For >10 To 20, Deduct	*-133.80*	
		For >20 To 40, Deduct	*-242.00*	
		For >40, Deduct	*-509.59*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,042.99	644.45
		For Bronze Or Satin Anodized Finish, Add	*275.41*	
		For Black Anodized Finish, Add	*550.82*	
		For >10 To 20, Deduct	*-142.39*	
		For >20 To 40, Deduct	*-257.23*	
		For >40, Deduct	*-542.00*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,140.25	966.68
		For Bronze Or Satin Anodized Finish, Add	*320.69*	
		For Black Anodized Finish, Add	*641.38*	
		For >10 To 20, Deduct	*-176.61*	
		For >20 To 40, Deduct	*-321.15*	
		For >40, Deduct	*-674.37*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,261.53	966.68
		For Bronze Or Satin Anodized Finish, Add	*332.82*	
		For Black Anodized Finish, Add	*665.63*	
		For >10 To 20, Deduct	*-181.46*	
		For >20 To 40, Deduct	*-329.64*	
		For >40, Deduct	*-692.56*	

26 56 13 00-0426 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	873.72	193.33
		For Bronze, Satin Or Black Anodized Finish, Add	*73.06*	
		For >10 To 20, Deduct	*-29.15*	
		For >20 To 40, Deduct	*-53.43*	
		For >40, Deduct	*-111.72*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	958.71	225.56
		For Bronze, Satin Or Black Anodized Finish, Add	*76.14*	
		For >10 To 20, Deduct	*-31.58*	
		For >20 To 40, Deduct	*-58.09*	
		For >40, Deduct	*-121.25*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,044.66	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*79.37*	
		For >10 To 20, Deduct	*-34.05*	
		For >20 To 40, Deduct	*-62.82*	
		For >40, Deduct	*-130.92*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,132.59	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*82.89*	
		For >10 To 20, Deduct	*-36.60*	
		For >20 To 40, Deduct	*-67.68*	
		For >40, Deduct	*-140.89*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,219.52	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*86.26*	
		For >10 To 20, Deduct	*-39.11*	
		For >20 To 40, Deduct	*-72.48*	
		For >40, Deduct	*-150.71*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	970.44	225.56
		For Bronze, Satin Or Black Anodized Finish, Add	*77.90*	
		For >10 To 20, Deduct	*-32.05*	
		For >20 To 40, Deduct	*-58.91*	
		For >40, Deduct	*-123.01*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,058.36	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*81.42*	
		For >10 To 20, Deduct	*-34.60*	
		For >20 To 40, Deduct	*-63.77*	
		For >40, Deduct	*-132.98*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,148.23	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*85.23*	
		For >10 To 20, Deduct	*-37.23*	
		For >20 To 40, Deduct	*-68.78*	
		For >40, Deduct	*-143.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,237.12	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*88.90*	
		For >10 To 20, Deduct	*-39.82*	
		For >20 To 40, Deduct	*-73.71*	
		For >40, Deduct	*-153.35*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,338.73	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*94.48*	
		For >10 To 20, Deduct	*-42.92*	
		For >20 To 40, Deduct	*-79.53*	
		For >40, Deduct	*-165.37*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,431.55	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*98.73*	
		For >10 To 20, Deduct	*-45.66*	
		For >20 To 40, Deduct	*-84.74*	
		For >40, Deduct	*-176.07*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,096.50	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*87.14*	
		For >10 To 20, Deduct	*-36.13*	
		For >20 To 40, Deduct	*-66.44*	
		For >40, Deduct	*-138.70*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,191.27	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-38.95*	
		For >20 To 40, Deduct	*-71.79*	
		For >40, Deduct	*-149.69*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,297.76	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*98.00*	
		For >10 To 20, Deduct	*-42.24*	
		For >20 To 40, Deduct	*-77.95*	
		For >40, Deduct	*-162.44*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,394.47	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-45.15*	
		For >20 To 40, Deduct	*-83.44*	
		For >40, Deduct	*-173.73*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,503.92	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*109.59*	
		For >10 To 20, Deduct	*-48.56*	
		For >20 To 40, Deduct	*-89.81*	
		For >40, Deduct	*-186.92*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,353.51	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-44.47*	
		For >20 To 40, Deduct	*-81.86*	
		For >40, Deduct	*-170.80*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,469.78	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*114.13*	
		For >10 To 20, Deduct	*-48.16*	
		For >20 To 40, Deduct	*-88.71*	
		For >40, Deduct	*-185.02*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,564.56	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-50.98*	
		For >20 To 40, Deduct	*-94.05*	
		For >40, Deduct	*-196.02*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,126.82	257.79
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-37.34*	
		For >20 To 40, Deduct	*-68.57*	
		For >40, Deduct	*-143.25*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,237.23	290.00
		For Bronze, Satin Or Black Anodized Finish, Add	*98.58*	
		For >10 To 20, Deduct	*-40.79*	
		For >20 To 40, Deduct	*-75.01*	
		For >40, Deduct	*-156.58*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,353.51	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-44.47*	
		For >20 To 40, Deduct	*-81.86*	
		For >40, Deduct	*-170.80*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,458.05	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*112.37*	
		For >10 To 20, Deduct	*-47.69*	
		For >20 To 40, Deduct	*-87.89*	
		For >40, Deduct	*-183.26*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,569.45	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-51.18*	
		For >20 To 40, Deduct	*-94.39*	
		For >40, Deduct	*-196.75*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,417.08	322.23
		For Bronze, Satin Or Black Anodized Finish, Add	*115.89*	
		For >10 To 20, Deduct	*-47.02*	
		For >20 To 40, Deduct	*-86.31*	
		For >40, Deduct	*-180.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,541.18	354.45
		For Bronze, Satin Or Black Anodized Finish, Add	*124.84*	
		For >10 To 20, Deduct	*-51.01*	
		For >20 To 40, Deduct	*-93.70*	
		For >40, Deduct	*-195.73*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,640.84	386.67
		For Bronze, Satin Or Black Anodized Finish, Add	*130.12*	
		For >10 To 20, Deduct	*-54.03*	
		For >20 To 40, Deduct	*-99.39*	
		For >40, Deduct	*-207.46*	

26 56 13 00-0454 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	611.72	161.12
		For Bronze Or Satin Anodized Finish, Add	*28.95*	
		For Black Anodized Finish, Add	*57.90*	
		For >10 To 20, Deduct	*-19.64*	
		For >20 To 40, Deduct	*-36.38*	
		For >40, Deduct	*-75.65*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	639.11	161.12
		For Bronze Or Satin Anodized Finish, Add	*31.69*	
		For Black Anodized Finish, Add	*63.38*	
		For >10 To 20, Deduct	*-20.73*	
		For >20 To 40, Deduct	*-38.29*	
		For >40, Deduct	*-79.76*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	693.82	177.22
		For Bronze Or Satin Anodized Finish, Add	*33.94*	
		For Black Anodized Finish, Add	*67.87*	
		For >10 To 20, Deduct	*-22.44*	
		For >20 To 40, Deduct	*-41.48*	
		For >40, Deduct	*-86.35*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	741.69	193.33
		For Bronze Or Satin Anodized Finish, Add	*35.50*	
		For Black Anodized Finish, Add	*71.00*	
		For >10 To 20, Deduct	*-23.87*	
		For >20 To 40, Deduct	*-44.18*	
		For >40, Deduct	*-91.92*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	776.90	193.33
		For Bronze Or Satin Anodized Finish, Add	*39.02*	
		For Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-25.28*	
		For >20 To 40, Deduct	*-46.65*	
		For >40, Deduct	*-97.20*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	720.23	177.22
		For Bronze Or Satin Anodized Finish, Add	*36.58*	
		For Black Anodized Finish, Add	*73.16*	
		For >10 To 20, Deduct	*-23.49*	
		For >20 To 40, Deduct	*-43.33*	
		For >40, Deduct	*-90.31*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	779.83	193.33
		For Bronze Or Satin Anodized Finish, Add	*39.32*	
		For Black Anodized Finish, Add	*78.63*	
		For >10 To 20, Deduct	*-25.39*	
		For >20 To 40, Deduct	*-46.85*	
		For >40, Deduct	*-97.64*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	799.39	193.33
		For Bronze Or Satin Anodized Finish, Add	*41.27*	
		For Black Anodized Finish, Add	*82.54*	
		For >10 To 20, Deduct	*-26.18*	
		For >20 To 40, Deduct	*-48.22*	
		For >40, Deduct	*-100.58*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	862.91	209.45
		For Bronze Or Satin Anodized Finish, Add	*44.40*	
		For Black Anodized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-28.23*	
		For >20 To 40, Deduct	*-52.03*	
		For >40, Deduct	*-108.49*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	922.52	225.56
		For Bronze Or Satin Anodized Finish, Add	*47.14*	
		For Black Anodized Finish, Add	*94.28*	
		For >10 To 20, Deduct	*-30.13*	
		For >20 To 40, Deduct	*-55.55*	
		For >40, Deduct	*-115.82*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	856.11	193.33
		For Bronze Or Satin Anodized Finish, Add	*46.94*	
		For Black Anodized Finish, Add	*93.89*	
		For >10 To 20, Deduct	*-28.44*	
		For >20 To 40, Deduct	*-52.19*	
		For >40, Deduct	*-109.08*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	925.50	209.45
		For Bronze Or Satin Anodized Finish, Add	*50.66*	
		For Black Anodized Finish, Add	*101.32*	
		For >10 To 20, Deduct	*-30.74*	
		For >20 To 40, Deduct	*-56.41*	
		For >40, Deduct	*-117.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	990.00	225.56
		For Bronze Or Satin Anodized Finish, Add	*53.89*	
		For Black Anodized Finish, Add	*107.78*	
		For >10 To 20, Deduct	*-32.83*	
		For >20 To 40, Deduct	*-60.28*	
		For >40, Deduct	*-125.94*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,005.70	209.45
		For Bronze Or Satin Anodized Finish, Add	*58.68*	
		For Black Anodized Finish, Add	*117.36*	
		For >10 To 20, Deduct	*-33.94*	
		For >20 To 40, Deduct	*-62.02*	
		For >40, Deduct	*-129.91*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,285.25	257.79
		For Bronze Or Satin Anodized Finish, Add	*76.97*	
		For Black Anodized Finish, Add	*153.94*	
		For >10 To 20, Deduct	*-43.68*	
		For >20 To 40, Deduct	*-79.66*	
		For >40, Deduct	*-167.01*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,395.77	257.79
		For Bronze Or Satin Anodized Finish, Add	*88.02*	
		For Black Anodized Finish, Add	*176.04*	
		For >10 To 20, Deduct	*-48.10*	
		For >20 To 40, Deduct	*-87.39*	
		For >40, Deduct	*-183.59*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,555.09	290.00
		For Bronze Or Satin Anodized Finish, Add	*97.51*	
		For Black Anodized Finish, Add	*195.02*	
		For >10 To 20, Deduct	*-53.50*	
		For >20 To 40, Deduct	*-97.26*	
		For >40, Deduct	*-204.26*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,675.38	290.00
		For Bronze Or Satin Anodized Finish, Add	*109.54*	
		For Black Anodized Finish, Add	*219.07*	
		For >10 To 20, Deduct	*-58.32*	
		For >20 To 40, Deduct	*-105.68*	
		For >40, Deduct	*-222.31*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	790.59	193.33
		For Bronze Or Satin Anodized Finish, Add	*40.39*	
		For Black Anodized Finish, Add	*80.78*	
		For >10 To 20, Deduct	*-25.82*	
		For >20 To 40, Deduct	*-47.61*	
		For >40, Deduct	*-99.26*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	875.58	225.56
		For Bronze Or Satin Anodized Finish, Add	*42.45*	
		For Black Anodized Finish, Add	*84.89*	
		For >10 To 20, Deduct	*-28.26*	
		For >20 To 40, Deduct	*-52.27*	
		For >40, Deduct	*-108.78*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	968.38	257.79
		For Bronze Or Satin Anodized Finish, Add	*45.28*	
		For Black Anodized Finish, Add	*90.56*	
		For >10 To 20, Deduct	*-31.00*	
		For >20 To 40, Deduct	*-57.48*	
		For >40, Deduct	*-119.48*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,060.21	290.00
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-33.71*	
		For >20 To 40, Deduct	*-62.61*	
		For >40, Deduct	*-130.03*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,110.04	306.11
		For Bronze Or Satin Anodized Finish, Add	*49.78*	
		For Black Anodized Finish, Add	*99.56*	
		For >10 To 20, Deduct	*-35.22*	
		For >20 To 40, Deduct	*-65.46*	
		For >40, Deduct	*-135.89*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,159.86	322.23
		For Bronze Or Satin Anodized Finish, Add	*51.54*	
		For Black Anodized Finish, Add	*103.08*	
		For >10 To 20, Deduct	*-36.73*	
		For >20 To 40, Deduct	*-68.30*	
		For >40, Deduct	*-141.76*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,257.55	354.45
		For Bronze Or Satin Anodized Finish, Add	*54.87*	
		For Black Anodized Finish, Add	*109.73*	
		For >10 To 20, Deduct	*-39.67*	
		For >20 To 40, Deduct	*-73.85*	
		For >40, Deduct	*-153.19*	
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,364.07	386.67
		For Bronze Or Satin Anodized Finish, Add	*59.07*	
		For Black Anodized Finish, Add	*118.14*	
		For >10 To 20, Deduct	*-42.96*	
		For >20 To 40, Deduct	*-80.02*	
		For >40, Deduct	*-165.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,227.34	322.23
		For Bronze Or Satin Anodized Finish, Add	*58.29*	
		For Black Anodized Finish, Add	*116.58*	
		For >10 To 20, Deduct	*-39.43*	
		For >20 To 40, Deduct	*-73.02*	
		For >40, Deduct	*-151.88*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,326.99	354.45
		For Bronze Or Satin Anodized Finish, Add	*61.81*	
		For Black Anodized Finish, Add	*123.62*	
		For >10 To 20, Deduct	*-42.45*	
		For >20 To 40, Deduct	*-78.71*	
		For >40, Deduct	*-163.60*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,439.37	386.67
		For Bronze Or Satin Anodized Finish, Add	*66.60*	
		For Black Anodized Finish, Add	*133.20*	
		For >10 To 20, Deduct	*-45.97*	
		For >20 To 40, Deduct	*-85.29*	
		For >40, Deduct	*-177.24*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,403.44	306.11
		For Bronze Or Satin Anodized Finish, Add	*79.12*	
		For Black Anodized Finish, Add	*158.24*	
		For >10 To 20, Deduct	*-46.95*	
		For >20 To 40, Deduct	*-86.00*	
		For >40, Deduct	*-179.90*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,720.06	386.67
		For Bronze Or Satin Anodized Finish, Add	*94.67*	
		For Black Anodized Finish, Add	*189.34*	
		For >10 To 20, Deduct	*-57.20*	
		For >20 To 40, Deduct	*-104.94*	
		For >40, Deduct	*-219.34*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,100.08	515.56
		For Bronze Or Satin Anodized Finish, Add	*106.90*	
		For Black Anodized Finish, Add	*213.79*	
		For >10 To 20, Deduct	*-68.54*	
		For >20 To 40, Deduct	*-126.38*	
		For >40, Deduct	*-263.46*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,500.01	386.67
		For Bronze Or Satin Anodized Finish, Add	*72.67*	
		For Black Anodized Finish, Add	*145.33*	
		For >10 To 20, Deduct	*-48.40*	
		For >20 To 40, Deduct	*-89.53*	
		For >40, Deduct	*-186.33*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,838.40	386.67
		For Bronze Or Satin Anodized Finish, Add	*106.51*	
		For Black Anodized Finish, Add	*213.01*	
		For >10 To 20, Deduct	*-61.94*	
		For >20 To 40, Deduct	*-113.22*	
		For >40, Deduct	*-237.09*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,207.67	515.56
		For Bronze Or Satin Anodized Finish, Add	*117.66*	
		For Black Anodized Finish, Add	*235.31*	
		For >10 To 20, Deduct	*-72.84*	
		For >20 To 40, Deduct	*-133.91*	
		For >40, Deduct	*-279.59*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,024.22	386.67
		For Bronze Or Satin Anodized Finish, Add	*125.09*	
		For Black Anodized Finish, Add	*250.17*	
		For >10 To 20, Deduct	*-69.37*	
		For >20 To 40, Deduct	*-126.23*	
		For >40, Deduct	*-264.97*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,450.21	515.56
		For Bronze Or Satin Anodized Finish, Add	*141.91*	
		For Black Anodized Finish, Add	*283.82*	
		For >10 To 20, Deduct	*-82.54*	
		For >20 To 40, Deduct	*-150.89*	
		For >40, Deduct	*-315.98*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,831.43	580.01
		For Bronze Or Satin Anodized Finish, Add	*167.14*	
		For Black Anodized Finish, Add	*334.28*	
		For >10 To 20, Deduct	*-95.86*	
		For >20 To 40, Deduct	*-175.00*	
		For >40, Deduct	*-366.71*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	707.57	161.12
		For Bronze Or Satin Anodized Finish, Add	*38.53*	
		For Black Anodized Finish, Add	*77.07*	
		For >10 To 20, Deduct	*-23.47*	
		For >20 To 40, Deduct	*-43.09*	
		For >40, Deduct	*-90.02*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	789.66	177.22
		For Bronze Or Satin Anodized Finish, Add	*43.52*	
		For Black Anodized Finish, Add	*87.04*	
		For >10 To 20, Deduct	*-26.27*	
		For >20 To 40, Deduct	*-48.19*	
		For >40, Deduct	*-100.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	842.42	193.33
		For Bronze Or Satin Anodized Finish, Add	*45.58*	
		For Black Anodized Finish, Add	*91.15*	
		For >10 To 20, Deduct	*-27.90*	
		For >20 To 40, Deduct	*-51.24*	
		For >40, Deduct	*-107.03*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	866.87	193.33
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-28.87*	
		For >20 To 40, Deduct	*-52.95*	
		For >40, Deduct	*-110.70*	
26 56 13 00-0500	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	897.19	193.33
		For Bronze Or Satin Anodized Finish, Add	*51.05*	
		For Black Anodized Finish, Add	*102.10*	
		For >10 To 20, Deduct	*-30.09*	
		For >20 To 40, Deduct	*-55.07*	
		For >40, Deduct	*-115.25*	
26 56 13 00-0501	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,033.08	209.45
		For Bronze Or Satin Anodized Finish, Add	*61.42*	
		For Black Anodized Finish, Add	*122.84*	
		For >10 To 20, Deduct	*-35.04*	
		For >20 To 40, Deduct	*-63.94*	
		For >40, Deduct	*-134.02*	
26 56 13 00-0502	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,107.36	225.56
		For Bronze Or Satin Anodized Finish, Add	*65.62*	
		For Black Anodized Finish, Add	*131.25*	
		For >10 To 20, Deduct	*-37.53*	
		For >20 To 40, Deduct	*-68.49*	
		For >40, Deduct	*-143.55*	
26 56 13 00-0503	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,260.91	225.56
		For Bronze Or Satin Anodized Finish, Add	*80.98*	
		For Black Anodized Finish, Add	*161.96*	
		For >10 To 20, Deduct	*-43.67*	
		For >20 To 40, Deduct	*-79.24*	
		For >40, Deduct	*-166.58*	
26 56 13 00-0504	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,448.58	257.79
		For Bronze Or Satin Anodized Finish, Add	*93.30*	
		For Black Anodized Finish, Add	*186.60*	
		For >10 To 20, Deduct	*-50.21*	
		For >20 To 40, Deduct	*-91.09*	
		For >40, Deduct	*-191.51*	
26 56 13 00-0505	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,791.86	257.79
		For Bronze Or Satin Anodized Finish, Add	*127.63*	
		For Black Anodized Finish, Add	*255.26*	
		For >10 To 20, Deduct	*-63.94*	
		For >20 To 40, Deduct	*-115.12*	
		For >40, Deduct	*-243.00*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507	EA	1/2", 3/4" Or 1" Diameter, Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	84.58
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles	36.45
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles	127.96

26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,232.07	225.56
		For >10 To 20, Deduct	*-42.52*	
		For >20 To 40, Deduct	*-77.22*	
		For >40, Deduct	*-162.25*	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,342.99	257.79
		For >10 To 20, Deduct	*-45.99*	
		For >20 To 40, Deduct	*-83.70*	
		For >40, Deduct	*-175.67*	
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,455.25	290.00
		For >10 To 20, Deduct	*-49.51*	
		For >20 To 40, Deduct	*-90.27*	
		For >40, Deduct	*-189.29*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,566.18	322.23
		For >10 To 20, Deduct	*-52.98*	
		For >20 To 40, Deduct	*-96.74*	
		For >40, Deduct	*-202.70*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,701.01	354.45
		For >10 To 20, Deduct	*-57.41*	
		For >20 To 40, Deduct	*-104.89*	
		For >40, Deduct	*-219.71*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,814.61	386.67
		For >10 To 20, Deduct	*-60.98*	
		For >20 To 40, Deduct	*-111.56*	
		For >40, Deduct	*-233.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,991.31	451.12
		For >10 To 20, Deduct	*-66.12*	
		For >20 To 40, Deduct	*-121.35*	
		For >40, Deduct	*-253.58*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,166.68	515.56
		For >10 To 20, Deduct	*-71.20*	
		For >20 To 40, Deduct	*-131.05*	
		For >40, Deduct	*-273.45*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,274.26	515.56
		For >10 To 20, Deduct	*-75.50*	
		For >20 To 40, Deduct	*-138.58*	
		For >40, Deduct	*-289.58*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,433.01	547.79
		For >10 To 20, Deduct	*-80.89*	
		For >20 To 40, Deduct	*-148.40*	
		For >40, Deduct	*-310.17*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,591.74	580.01
		For >10 To 20, Deduct	*-86.27*	
		For >20 To 40, Deduct	*-158.22*	
		For >40, Deduct	*-330.76*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,354.26	225.56
		For >10 To 20, Deduct	*-47.40*	
		For >20 To 40, Deduct	*-85.78*	
		For >40, Deduct	*-180.58*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,441.27	257.79
		For >10 To 20, Deduct	*-49.92*	
		For >20 To 40, Deduct	*-90.58*	
		For >40, Deduct	*-190.41*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,529.63	290.00
		For >10 To 20, Deduct	*-52.49*	
		For >20 To 40, Deduct	*-95.47*	
		For >40, Deduct	*-200.44*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,620.63	322.23
		For >10 To 20, Deduct	*-55.16*	
		For >20 To 40, Deduct	*-100.56*	
		For >40, Deduct	*-210.87*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,718.28	354.45
		For >10 To 20, Deduct	*-58.10*	
		For >20 To 40, Deduct	*-106.10*	
		For >40, Deduct	*-222.30*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,814.61	386.67
		For >10 To 20, Deduct	*-60.98*	
		For >20 To 40, Deduct	*-111.56*	
		For >40, Deduct	*-233.52*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,975.38	451.12
		For >10 To 20, Deduct	*-65.48*	
		For >20 To 40, Deduct	*-120.23*	
		For >40, Deduct	*-251.20*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,166.68	515.56
		For >10 To 20, Deduct	*-71.20*	
		For >20 To 40, Deduct	*-131.05*	
		For >40, Deduct	*-273.45*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,211.84	515.56
		For >10 To 20, Deduct	*-73.01*	
		For >20 To 40, Deduct	*-134.21*	
		For >40, Deduct	*-280.22*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,322.77	547.79
		For >10 To 20, Deduct	*-76.48*	
		For >20 To 40, Deduct	*-140.68*	
		For >40, Deduct	*-293.64*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,433.70	580.01
		For >10 To 20, Deduct	*-79.95*	
		For >20 To 40, Deduct	*-147.16*	
		For >40, Deduct	*-307.05*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,533.55	225.56
		For >10 To 20, Deduct	*-54.58*	
		For >20 To 40, Deduct	*-98.33*	
		For >40, Deduct	*-207.48*	
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,639.17	257.79
		For >10 To 20, Deduct	*-57.83*	
		For >20 To 40, Deduct	*-104.43*	
		For >40, Deduct	*-220.10*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,744.79	290.00
		For >10 To 20, Deduct	*-61.09*	
		For >20 To 40, Deduct	*-110.54*	
		For >40, Deduct	*-232.72*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,851.73	322.23
		For >10 To 20, Deduct	*-64.40*	
		For >20 To 40, Deduct	*-116.73*	
		For >40, Deduct	*-245.54*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,963.98	354.45
		For >10 To 20, Deduct	*-67.93*	
		For >20 To 40, Deduct	*-123.30*	
		For >40, Deduct	*-259.15*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,084.22	386.67
		For >10 To 20, Deduct	*-71.77*	
		For >20 To 40, Deduct	*-130.43*	
		For >40, Deduct	*-273.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,280.85	451.12
		For >10 To 20, Deduct	*-77.70*	
		For >20 To 40, Deduct	*-141.61*	
		For >40, Deduct	*-297.02*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,478.79	515.56
		For >10 To 20, Deduct	*-83.68*	
		For >20 To 40, Deduct	*-152.89*	
		For >40, Deduct	*-320.26*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,547.86	515.56
		For >10 To 20, Deduct	*-86.45*	
		For >20 To 40, Deduct	*-157.73*	
		For >40, Deduct	*-330.62*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,721.21	547.79
		For >10 To 20, Deduct	*-92.41*	
		For >20 To 40, Deduct	*-168.57*	
		For >40, Deduct	*-353.40*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,864.01	580.01
		For >10 To 20, Deduct	*-97.16*	
		For >20 To 40, Deduct	*-177.28*	
		For >40, Deduct	*-371.60*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,974.60	596.11
		For >10 To 20, Deduct	*-101.10*	
		For >20 To 40, Deduct	*-184.38*	
		For >40, Deduct	*-386.58*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,085.18	612.23
		For >10 To 20, Deduct	*-105.04*	
		For >20 To 40, Deduct	*-191.47*	
		For >40, Deduct	*-401.55*	

26 56 13 00-0548 Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*

26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	768.49	161.12
		For >10 To 20, Deduct	*-25.91*	
		For >20 To 40, Deduct	*-47.35*	
		For >40, Deduct	*-99.16*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	825.94	177.22
		For >10 To 20, Deduct	*-27.72*	
		For >20 To 40, Deduct	*-50.73*	
		For >40, Deduct	*-106.17*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	882.07	193.33
		For >10 To 20, Deduct	*-29.48*	
		For >20 To 40, Deduct	*-54.01*	
		For >40, Deduct	*-112.98*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	904.64	193.33
		For >10 To 20, Deduct	*-30.39*	
		For >20 To 40, Deduct	*-55.59*	
		For >40, Deduct	*-116.36*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	974.05	209.45
		For >10 To 20, Deduct	*-32.68*	
		For >20 To 40, Deduct	*-59.81*	
		For >40, Deduct	*-125.16*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,032.85	225.56
		For >10 To 20, Deduct	*-34.55*	
		For >20 To 40, Deduct	*-63.28*	
		For >40, Deduct	*-132.37*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,095.61	241.67
		For >10 To 20, Deduct	*-36.57*	
		For >20 To 40, Deduct	*-67.03*	
		For >40, Deduct	*-140.17*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,165.02	257.79
		For >10 To 20, Deduct	*-38.87*	
		For >20 To 40, Deduct	*-71.24*	
		For >40, Deduct	*-148.98*	
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,292.52	257.79
		For >10 To 20, Deduct	*-43.97*	
		For >20 To 40, Deduct	*-80.17*	
		For >40, Deduct	*-168.10*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,452.25	273.89
		For >10 To 20, Deduct	*-49.87*	
		For >20 To 40, Deduct	*-90.70*	
		For >40, Deduct	*-190.45*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,611.97	290.00
		For >10 To 20, Deduct	*-55.78*	
		For >20 To 40, Deduct	*-101.24*	
		For >40, Deduct	*-212.80*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	890.67	161.12
		For >10 To 20, Deduct	*-30.79*	
		For >20 To 40, Deduct	*-55.90*	
		For >40, Deduct	*-117.49*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	954.77	177.22
		For >10 To 20, Deduct	*-32.87*	
		For >20 To 40, Deduct	*-59.74*	
		For >40, Deduct	*-125.49*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,018.86	193.33
		For >10 To 20, Deduct	*-34.95*	
		For >20 To 40, Deduct	*-63.59*	
		For >40, Deduct	*-133.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,052.07	193.33
		For >10 To 20, Deduct	*-36.28*	
		For >20 To 40, Deduct	*-65.91*	
		For >40, Deduct	*-138.48*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,116.16	209.45
		For >10 To 20, Deduct	*-38.36*	
		For >20 To 40, Deduct	*-69.75*	
		For >40, Deduct	*-146.48*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,180.27	225.56
		For >10 To 20, Deduct	*-40.44*	
		For >20 To 40, Deduct	*-73.60*	
		For >40, Deduct	*-154.48*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,244.36	241.67
		For >10 To 20, Deduct	*-42.52*	
		For >20 To 40, Deduct	*-77.44*	
		For >40, Deduct	*-162.49*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,339.01	257.79
		For >10 To 20, Deduct	*-45.83*	
		For >20 To 40, Deduct	*-83.42*	
		For >40, Deduct	*-175.07*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,462.52	257.79
		For >10 To 20, Deduct	*-50.77*	
		For >20 To 40, Deduct	*-92.07*	
		For >40, Deduct	*-193.60*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,619.60	273.89
		For >10 To 20, Deduct	*-56.57*	
		For >20 To 40, Deduct	*-102.42*	
		For >40, Deduct	*-215.55*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,775.34	290.00
		For >10 To 20, Deduct	*-62.31*	
		For >20 To 40, Deduct	*-112.67*	
		For >40, Deduct	*-237.30*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	998.25	161.12
		For >10 To 20, Deduct	*-35.10*	
		For >20 To 40, Deduct	*-63.43*	
		For >40, Deduct	*-133.63*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,054.38	177.22
		For >10 To 20, Deduct	*-36.86*	
		For >20 To 40, Deduct	*-66.72*	
		For >40, Deduct	*-140.43*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,109.18	193.33
		For >10 To 20, Deduct	*-38.57*	
		For >20 To 40, Deduct	*-69.91*	
		For >40, Deduct	*-147.04*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,131.76	193.33
		For >10 To 20, Deduct	*-39.47*	
		For >20 To 40, Deduct	*-71.49*	
		For >40, Deduct	*-150.43*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,186.55	209.45
		For >10 To 20, Deduct	*-41.18*	
		For >20 To 40, Deduct	*-74.68*	
		For >40, Deduct	*-157.04*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,242.69	225.56
		For >10 To 20, Deduct	*-42.94*	
		For >20 To 40, Deduct	*-77.97*	
		For >40, Deduct	*-163.85*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,343.97	241.67
		For >10 To 20, Deduct	*-46.51*	
		For >20 To 40, Deduct	*-84.41*	
		For >40, Deduct	*-177.43*	
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,461.20	257.79
		For >10 To 20, Deduct	*-50.71*	
		For >20 To 40, Deduct	*-91.97*	
		For >40, Deduct	*-193.40*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,538.23	257.79
		For >10 To 20, Deduct	*-53.80*	
		For >20 To 40, Deduct	*-97.36*	
		For >40, Deduct	*-204.96*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,648.82	273.89
		For >10 To 20, Deduct	*-57.74*	
		For >20 To 40, Deduct	*-104.46*	
		For >40, Deduct	*-219.93*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,759.40	290.00
		For >10 To 20, Deduct	*-61.68*	
		For >20 To 40, Deduct	*-111.56*	
		For >40, Deduct	*-234.91*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	47.09
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	47.09
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	89.35
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	118.33

26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0588		Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*		
26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,274.56	547.79
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,397.95	580.01
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,487.76	596.11
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,100.97	612.23
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,446.89	644.45
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,263.90	837.79
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,106.50	1,031.12
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	4,977.22	547.79
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,747.42	580.01
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	687.43	193.33
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,983.96	386.54
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	265.83	78.88
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	546.25	157.76
26 56 13 00-0602		Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)* Note: Round or square.		
26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,463.11	257.79
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,781.41	322.23
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,069.48	386.67
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,274.44	580.01
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,932.47	612.23
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,644.13	644.45
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	6,537.47	837.79
26 56 13 00-0610		Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*		
26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	18,931.69	1,450.02
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	22,619.68	1,809.97
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	26,819.57	2,445.04
26 56 13 00-0614		Treated Wood Area Light Poles *(26 56 13 00-0177)* See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615		Cast Iron Decorative Light Posts *(26 56 13 00-0177)*		
26 56 13 00-0616		Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0615)* Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,323.98	161.12
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,399.55	185.61
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,516.01	193.33
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,860.13	225.56
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,168.65	244.89
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,491.89	264.23
26 56 13 00-0623		Landscape Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0624		Aluminum Landscape Light Poles *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0625		Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0624)*		
26 56 13 00-0626		Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0625)*		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	473.70	193.33
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	791.01	257.79
26 56 13 00-0629		Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0625)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	432.74	193.33
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	750.05	257.79
26 56 13 00-0632		Steel Landscape Light Poles *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0633		Round Straight, Steel Landscape Light Poles *(26 56 13 00-0632)*		
26 56 13 00-0634		Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0633)*		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	531.08	193.33
26 56 13 00-0636		Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0633)*		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	498.73	193.33
26 56 13 00-0638		Light Pole Brackets And Arms *(26 56 13 00-0001)*		
26 56 13 00-0639		Light Pole Brackets *(26 56 13 00-0638)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0640		Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0641		Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0642		Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	656.44	38.67
		For Galvanized Finish, Add	*57.91*	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	831.16	38.67
		For Galvanized Finish, Add	*75.38*	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	884.49	38.67
		For Galvanized Finish, Add	*80.72*	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,213.70	38.67
		For Galvanized Finish, Add	*113.64*	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,264.97	38.67
		For Galvanized Finish, Add	*118.76*	
26 56 13 00-0648		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)*		
		Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	236.76	38.67
		For Bronze Or Satin Anodized Finish, Add	*15.94*	
		For Black Anodized Finish, Add	*31.88*	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	287.61	38.67
		For Bronze Or Satin Anodized Finish, Add	*21.03*	
		For Black Anodized Finish, Add	*42.05*	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	301.30	38.67
		For Bronze Or Satin Anodized Finish, Add	*22.40*	
		For Black Anodized Finish, Add	*44.79*	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	349.23	38.67
		For Bronze Or Satin Anodized Finish, Add	*27.19*	
		For Black Anodized Finish, Add	*54.38*	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	359.01	38.67
		For Bronze Or Satin Anodized Finish, Add	*28.17*	
		For Black Anodized Finish, Add	*56.33*	
26 56 13 00-0654		Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0655		Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0654)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	706.33	38.67
		For Galvanized Finish, Add	*62.90*	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	873.69	38.67
		For Galvanized Finish, Add	*79.64*	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,070.25	38.67
		For Galvanized Finish, Add	*99.29*	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,267.72	38.67
		For Galvanized Finish, Add	*119.04*	
26 56 13 00-0660		Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0661		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0660)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	664.54	64.44
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,007.08	64.44
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,412.38	64.44
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,545.72	64.44
26 56 13 00-0666		Light Pole Arms *(26 56 13 00-0638)*		
26 56 13 00-0667		Wood Pole Streetlight Arms *(26 56 13 00-0666)*		
26 56 13 00-0668		Steel, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	383.15	58.00
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	404.99	64.44
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	468.72	80.55
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	569.13	64.44
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	632.40	80.55
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	767.83	96.67
26 56 13 00-0675		Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	238.40	64.44
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	294.57	64.44
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	393.53	80.55
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	515.74	96.67
26 56 13 00-0680		Area Light Arms *(26 56 13 00-0666)*		
26 56 13 00-0681		Steel Area Light Arms *(26 56 13 00-0680)*		
26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	739.62	64.44
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,165.24	70.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,295.03	77.34
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,539.33	83.78
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	881.60	80.55
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,264.26	87.00
26 56 13 00-0688		**Aluminum Area Light Arms** *(26 56 13 00-0680)*		
26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	288.31	64.44
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	355.74	80.55
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	425.12	96.67
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	286.35	64.44
26 56 13 00-0693	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	404.86	70.89
26 56 13 00-0694	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	351.83	80.55
26 56 13 00-0695	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	493.81	87.00
26 56 13 00-0696	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	427.07	96.67
26 56 13 00-0697	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	599.38	103.11
26 56 13 00-0698		**Removal And Reinstallation Of Lighting Pole** *(26 56 13 00-0001)*		
		Note: Includes storage, cleaning and supply materials.		
26 56 13 00-0699	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,126.91	
26 56 13 00-0700		**High Mast Lighting** *(26 56 13 00-0001)*		
26 56 13 00-0701		**High Mast Lighting Assemblies** *(26 56 13 00-0700)*		
		Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0702	EA	60' High Mast Lighting Assembly	58,594.85	2,009.13
26 56 13 00-0703	EA	70' High Mast Lighting Assembly	61,897.74	2,104.27
26 56 13 00-0704	EA	80' High Mast Lighting Assembly	65,229.99	2,241.69
26 56 13 00-0705	EA	90' High Mast Lighting Assembly	68,589.58	2,421.43
26 56 13 00-0706	EA	100' High Mast Lighting Assembly	71,962.65	2,643.35
26 56 13 00-0707	EA	110' High Mast Lighting Assembly	76,302.85	2,907.89
26 56 13 00-0708	EA	120' High Mast Lighting Assembly	79,801.51	3,172.21
26 56 13 00-0709	EA	130' High Mast Lighting Assembly	83,028.98	3,436.52
26 56 13 00-0710	EA	140' High Mast Lighting Assembly	86,527.64	3,700.98
26 56 13 00-0711	EA	150' High Mast Lighting Assembly	90,793.71	3,965.30
26 56 13 00-0712		**High Mast Light Poles** *(26 56 13 00-0700)*		
26 56 13 00-0713	EA	60' High Mast Light Poles	22,124.62	1,206.64
26 56 13 00-0714	EA	70' High Mast Light Poles	25,398.94	1,263.80
26 56 13 00-0715	EA	80' High Mast Light Poles	28,689.90	1,346.36
26 56 13 00-0716	EA	90' High Mast Light Poles	31,995.51	1,454.32
26 56 13 00-0717	EA	100' High Mast Light Poles	35,317.79	1,587.69
26 56 13 00-0718	EA	110' High Mast Light Poles	38,656.72	1,746.46
26 56 13 00-0719	EA	120' High Mast Light Poles	41,171.99	1,905.23
26 56 13 00-0720	EA	130' High Mast Light Poles	41,350.05	3,531.03
26 56 13 00-0721	EA	140' High Mast Light Poles	45,929.32	2,222.77
26 56 13 00-0722	EA	150' High Mast Light Poles	48,717.80	2,381.54
26 56 13 00-0723		**High Mast Lighting Accessories** *(26 56 13 00-0700)*		
26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting	1,029.28	
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting	2,922.83	
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting	2,213.71	
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting	928.06	
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting	1,724.83	
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting	19,003.09	
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	19,106.60	
26 56 13 00-0731		**Concrete Bases** *(26 56 13 00-0001)*		
26 56 13 00-0732		**Concrete Bases, Cast In Place** *(26 56 13 00-0731)*		
		Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0733	EA	Minimum Charge For Cast In Place Concrete Base For Poles	591.35	
		Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
26 56 13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles	65.71	
26 56 13 00-0735	VLF	2' Diameter Concrete Base For Poles	93.83	
26 56 13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles	128.10	
26 56 13 00-0737	VLF	3' Diameter Concrete Base For Poles	169.67	
26 56 13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles	228.37	
26 56 13 00-0739	VLF	4' Diameter Concrete Base For Poles	288.41	
26 56 13 00-0740	VLF	5' Diameter Concrete Base For Poles	421.07	
26 56 13 00-0741	VLF	6' Diameter Concrete Base For Poles	581.07	

26 56 18 Incandescent Exterior Lighting *(26 56)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 18 00-0001		Exterior Globe *(26 56 18)*		
26 56 18 00-0002		Incandescent, Exterior Globe *(26 56 18 00-0001)*		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	57.38	21.00
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	88.47	21.00
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	67.34	21.00
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	92.30	21.00
26 56 18 00-0007		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	256.70	84.03
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	267.25	89.28
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	295.10	94.53
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	285.51	105.04
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	320.36	120.80
26 56 19		**LED Exterior Lighting** *(26 56)*		
26 56 19 00-0001		LED, Roadway Lighting *(26 56 19)*		
26 56 19 00-0002		LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0001)*		
26 56 19 00-0003		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0002)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0004	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,463.64	155.38
		For >50 To 100, Deduct	*-73.18*	
		For >100 To 250, Deduct	*-109.77*	
		For >250 To 500, Deduct	*-175.19*	
		For >500 To 1,000, Deduct	*-240.60*	
		For >1,000, Deduct	*-306.01*	
26 56 19 00-0005	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,286.25	159.57
		For >50 To 100, Deduct	*-114.31*	
		For >100 To 250, Deduct	*-171.47*	
		For >250 To 500, Deduct	*-277.80*	
		For >500 To 1,000, Deduct	*-384.14*	
		For >1,000, Deduct	*-490.47*	
26 56 19 00-0006		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0002)*		
		Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0007	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,173.87	155.38
		For >50 To 100, Deduct	*-58.69*	
		For >100 To 250, Deduct	*-88.04*	
		For >250 To 500, Deduct	*-138.97*	
		For >500 To 1,000, Deduct	*-189.89*	
		For >1,000, Deduct	*-240.81*	
26 56 19 00-0008	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,260.18	155.38
		For >50 To 100, Deduct	*-63.01*	
		For >100 To 250, Deduct	*-94.51*	
		For >250 To 500, Deduct	*-149.75*	
		For >500 To 1,000, Deduct	*-204.99*	
		For >1,000, Deduct	*-260.23*	
26 56 19 00-0009	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,346.49	155.38
		For >50 To 100, Deduct	*-67.32*	
		For >100 To 250, Deduct	*-100.99*	
		For >250 To 500, Deduct	*-160.54*	
		For >500 To 1,000, Deduct	*-220.10*	
		For >1,000, Deduct	*-279.65*	
26 56 19 00-0010		LED Roadway Lighting (Lithonia) *(26 56 19 00-0001)*		
26 56 19 00-0011		Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0010)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0012	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,396.40	146.98
		For >50 To 100, Deduct	*-119.82*	
		For >100 To 250, Deduct	*-179.73*	
		For >250 To 500, Deduct	*-292.20*	
		For >500 To 1,000, Deduct	*-404.67*	
		For >1,000, Deduct	*-517.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0013	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	3,990.83	151.17
		For >50 To 100, Deduct	*-199.54*	
		For >100 To 250, Deduct	*-299.31*	
		For >250 To 500, Deduct	*-491.30*	
		For >500 To 1,000, Deduct	*-683.28*	
		For >1,000, Deduct	*-875.26*	

26 56 19 00-0014 LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0001)*

26 56 19 00-0015 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0014)*

Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.

26 56 19 00-0016	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	920.12	142.78
		For >50 To 100, Deduct	*-46.01*	
		For >100 To 250, Deduct	*-69.01*	
		For >250 To 500, Deduct	*-107.88*	
		For >500 To 1,000, Deduct	*-146.74*	
		For >1,000, Deduct	*-185.61*	
26 56 19 00-0017	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,036.13	146.98
		For >50 To 100, Deduct	*-51.81*	
		For >100 To 250, Deduct	*-77.71*	
		For >250 To 500, Deduct	*-122.17*	
		For >500 To 1,000, Deduct	*-166.63*	
		For >1,000, Deduct	*-211.08*	
26 56 19 00-0018	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,176.27	151.17
		For >50 To 100, Deduct	*-58.81*	
		For >100 To 250, Deduct	*-88.22*	
		For >250 To 500, Deduct	*-139.48*	
		For >500 To 1,000, Deduct	*-190.73*	
		For >1,000, Deduct	*-241.98*	
26 56 19 00-0019	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,294.14	155.38
		For >50 To 100, Deduct	*-64.71*	
		For >100 To 250, Deduct	*-97.06*	
		For >250 To 500, Deduct	*-154.00*	
		For >500 To 1,000, Deduct	*-210.94*	
		For >1,000, Deduct	*-267.88*	
26 56 19 00-0020	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,412.00	159.57
		For >50 To 100, Deduct	*-70.60*	
		For >100 To 250, Deduct	*-105.90*	
		For >250 To 500, Deduct	*-168.52*	
		For >500 To 1,000, Deduct	*-231.14*	
		For >1,000, Deduct	*-293.76*	
26 56 19 00-0021	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,693.15	163.78
		For >50 To 100, Deduct	*-84.66*	
		For >100 To 250, Deduct	*-126.99*	
		For >250 To 500, Deduct	*-203.46*	
		For >500 To 1,000, Deduct	*-279.92*	
		For >1,000, Deduct	*-356.39*	
26 56 19 00-0022	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,811.03	167.97
		For >50 To 100, Deduct	*-90.55*	
		For >100 To 250, Deduct	*-135.83*	
		For >250 To 500, Deduct	*-217.98*	
		For >500 To 1,000, Deduct	*-300.13*	
		For >1,000, Deduct	*-382.29*	
26 56 19 00-0023	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,927.04	172.17
		For >50 To 100, Deduct	*-96.35*	
		For >100 To 250, Deduct	*-144.53*	
		For >250 To 500, Deduct	*-232.27*	
		For >500 To 1,000, Deduct	*-320.02*	
		For >1,000, Deduct	*-407.76*	
26 56 19 00-0024	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,154.39	176.37
		For >50 To 100, Deduct	*-107.72*	
		For >100 To 250, Deduct	*-161.58*	
		For >250 To 500, Deduct	*-260.48*	
		For >500 To 1,000, Deduct	*-359.38*	
		For >1,000, Deduct	*-458.28*	
26 56 19 00-0025	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,272.26	180.57
		For >50 To 100, Deduct	*-113.61*	
		For >100 To 250, Deduct	*-170.42*	
		For >250 To 500, Deduct	*-275.00*	
		For >500 To 1,000, Deduct	*-379.59*	
		For >1,000, Deduct	*-484.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0026	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,390.13	184.77
		For >50 To 100, Deduct	*-119.51*	
		For >100 To 250, Deduct	*-179.26*	
		For >250 To 500, Deduct	*-289.53*	
		For >500 To 1,000, Deduct	*-399.80*	
		For >1,000, Deduct	*-510.06*	

26 56 19 00-0027 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0014)*

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0028	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,853.51	151.17
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-92.68*	
		For >100 To 250, Deduct	*-139.01*	
		For >250 To 500, Deduct	*-224.13*	
		For >500 To 1,000, Deduct	*-309.25*	
		For >1,000, Deduct	*-394.36*	
26 56 19 00-0029	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,143.05	159.57
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-107.15*	
		For >100 To 250, Deduct	*-160.73*	
		For >250 To 500, Deduct	*-259.90*	
		For >500 To 1,000, Deduct	*-359.08*	
		For >1,000, Deduct	*-458.25*	
26 56 19 00-0030	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,432.60	167.97
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-121.63*	
		For >100 To 250, Deduct	*-182.45*	
		For >250 To 500, Deduct	*-295.68*	
		For >500 To 1,000, Deduct	*-408.91*	
		For >1,000, Deduct	*-522.14*	
26 56 19 00-0031	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,722.16	176.37
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-136.11*	
		For >100 To 250, Deduct	*-204.16*	
		For >250 To 500, Deduct	*-331.45*	
		For >500 To 1,000, Deduct	*-458.74*	
		For >1,000, Deduct	*-586.03*	
26 56 19 00-0032	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,590.61	184.77
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-179.53*	
		For >100 To 250, Deduct	*-269.30*	
		For >250 To 500, Deduct	*-439.59*	
		For >500 To 1,000, Deduct	*-609.88*	
		For >1,000, Deduct	*-780.17*	
26 56 19 00-0033	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,880.16	193.16
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-194.01*	
		For >100 To 250, Deduct	*-291.01*	
		For >250 To 500, Deduct	*-475.36*	
		For >500 To 1,000, Deduct	*-659.71*	
		For >1,000, Deduct	*-844.06*	
26 56 19 00-0034	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	4,169.70	201.56
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-208.49*	
		For >100 To 250, Deduct	*-312.73*	
		For >250 To 500, Deduct	*-511.13*	
		For >500 To 1,000, Deduct	*-709.54*	
		For >1,000, Deduct	*-907.95*	

26 56 19 00-0035 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0014)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0036	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	759.61	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*35.81*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*56.48*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-37.98*	
		For >100 To 250, Deduct	*-56.97*	
		For >250 To 500, Deduct	*-87.39*	
		For >500 To 1,000, Deduct	*-117.81*	
		For >1,000, Deduct	*-148.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0037	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	759.61	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*35.81*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*56.48*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-37.98*	
		For >100 To 250, Deduct	*-56.97*	
		For >250 To 500, Deduct	*-87.39*	
		For >500 To 1,000, Deduct	*-117.81*	
		For >1,000, Deduct	*-148.24*	
26 56 19 00-0038	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	842.32	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*35.81*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*56.48*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-42.12*	
		For >100 To 250, Deduct	*-63.17*	
		For >250 To 500, Deduct	*-97.73*	
		For >500 To 1,000, Deduct	*-132.29*	
		For >1,000, Deduct	*-166.85*	
26 56 19 00-0039	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	842.32	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*35.81*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*56.48*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-42.12*	
		For >100 To 250, Deduct	*-63.17*	
		For >250 To 500, Deduct	*-97.73*	
		For >500 To 1,000, Deduct	*-132.29*	
		For >1,000, Deduct	*-166.85*	
26 56 19 00-0040	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	989.37	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*51.88*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*93.25*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-49.47*	
		For >100 To 250, Deduct	*-74.20*	
		For >250 To 500, Deduct	*-116.11*	
		For >500 To 1,000, Deduct	*-158.02*	
		For >1,000, Deduct	*-199.93*	
26 56 19 00-0041	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	989.37	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*51.88*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*93.25*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-49.47*	
		For >100 To 250, Deduct	*-74.20*	
		For >250 To 500, Deduct	*-116.11*	
		For >500 To 1,000, Deduct	*-158.02*	
		For >1,000, Deduct	*-199.93*	
26 56 19 00-0042	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,127.25	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*51.88*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*93.25*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-56.36*	
		For >100 To 250, Deduct	*-84.54*	
		For >250 To 500, Deduct	*-133.35*	
		For >500 To 1,000, Deduct	*-182.15*	
		For >1,000, Deduct	*-230.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0043	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,127.25	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*51.88*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*93.25*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-56.36*	
		For >100 To 250, Deduct	*-84.54*	
		For >250 To 500, Deduct	*-133.35*	
		For >500 To 1,000, Deduct	*-182.15*	
		For >1,000, Deduct	*-230.96*	
26 56 19 00-0044	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	612.55	151.17
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-30.63*	
		For >100 To 250, Deduct	*-45.94*	
		For >250 To 500, Deduct	*-69.01*	
		For >500 To 1,000, Deduct	*-92.08*	
		For >1,000, Deduct	*-115.15*	
26 56 19 00-0045	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	612.55	151.17
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-30.63*	
		For >100 To 250, Deduct	*-45.94*	
		For >250 To 500, Deduct	*-69.01*	
		For >500 To 1,000, Deduct	*-92.08*	
		For >1,000, Deduct	*-115.15*	
26 56 19 00-0046	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	647.02	151.17
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.35*	
		For >100 To 250, Deduct	*-48.53*	
		For >250 To 500, Deduct	*-73.32*	
		For >500 To 1,000, Deduct	*-98.11*	
		For >1,000, Deduct	*-122.90*	
26 56 19 00-0047	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	647.02	151.17
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.35*	
		For >100 To 250, Deduct	*-48.53*	
		For >250 To 500, Deduct	*-73.32*	
		For >500 To 1,000, Deduct	*-98.11*	
		For >1,000, Deduct	*-122.90*	
26 56 19 00-0048	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	658.50	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.75*	
		For >500 To 1,000, Deduct	*-100.12*	
		For >1,000, Deduct	*-125.49*	
26 56 19 00-0049	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	658.50	151.17
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.75*	
		For >500 To 1,000, Deduct	*-100.12*	
		For >1,000, Deduct	*-125.49*	

26 56 19 00-0050 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0014)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0051	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	635.53	151.17
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*69.83*	
		For Bird Spikes, Add	*93.90*	
		For >50 To 100, Deduct	*-31.78*	
		For >100 To 250, Deduct	*-47.66*	
		For >250 To 500, Deduct	*-71.88*	
		For >500 To 1,000, Deduct	*-96.10*	
		For >1,000, Deduct	*-120.32*	
26 56 19 00-0052	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	635.53	151.17
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*69.83*	
		For Bird Spikes, Add	*93.90*	
		For >50 To 100, Deduct	*-31.78*	
		For >100 To 250, Deduct	*-47.66*	
		For >250 To 500, Deduct	*-71.88*	
		For >500 To 1,000, Deduct	*-96.10*	
		For >1,000, Deduct	*-120.32*	
26 56 19 00-0053	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	658.50	151.17
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*69.83*	
		For Bird Spikes, Add	*93.90*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.75*	
		For >500 To 1,000, Deduct	*-100.12*	
		For >1,000, Deduct	*-125.49*	
26 56 19 00-0054	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	658.50	151.17
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*69.83*	
		For Bird Spikes, Add	*93.90*	
		For >50 To 100, Deduct	*-32.93*	
		For >100 To 250, Deduct	*-49.39*	
		For >250 To 500, Deduct	*-74.75*	
		For >500 To 1,000, Deduct	*-100.12*	
		For >1,000, Deduct	*-125.49*	

26 56 19 00-0055 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0001)*

26 56 19 00-0056 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0055)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0057	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,025.34	151.17
		For >50 To 100, Deduct	*-51.27*	
		For >100 To 250, Deduct	*-76.90*	
		For >250 To 500, Deduct	*-120.61*	
		For >500 To 1,000, Deduct	*-164.32*	
		For >1,000, Deduct	*-208.03*	
26 56 19 00-0058	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,401.24	167.97
		For >50 To 100, Deduct	*-70.06*	
		For >100 To 250, Deduct	*-105.09*	
		For >250 To 500, Deduct	*-166.76*	
		For >500 To 1,000, Deduct	*-228.42*	
		For >1,000, Deduct	*-290.08*	
26 56 19 00-0059	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,499.00	193.16
		For >50 To 100, Deduct	*-74.95*	
		For >100 To 250, Deduct	*-112.43*	
		For >250 To 500, Deduct	*-177.72*	
		For >500 To 1,000, Deduct	*-243.01*	
		For >1,000, Deduct	*-308.30*	
26 56 19 00-0060	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,254.47	209.96
		For >50 To 100, Deduct	*-112.72*	
		For >100 To 250, Deduct	*-169.09*	
		For >250 To 500, Deduct	*-271.31*	
		For >500 To 1,000, Deduct	*-373.54*	
		For >1,000, Deduct	*-475.76*	
26 56 19 00-0061	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,968.17	239.04
		For >50 To 100, Deduct	*-148.41*	
		For >100 To 250, Deduct	*-222.61*	
		For >250 To 500, Deduct	*-359.07*	
		For >500 To 1,000, Deduct	*-495.53*	
		For >1,000, Deduct	*-631.98*	

26 56 19 00-0062 LED Roadway Lighting (PlanLED) *(26 56 19 00-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0063			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0062)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0064		EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,243.08	146.98
			For >50 To 100, Deduct	*-62.15*	
			For >100 To 250, Deduct	*-93.23*	
			For >250 To 500, Deduct	*-148.04*	
			For >500 To 1,000, Deduct	*-202.84*	
			For >1,000, Deduct	*-257.65*	
26 56 19 00-0065		EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,355.66	148.59
			For >50 To 100, Deduct	*-67.78*	
			For >100 To 250, Deduct	*-101.67*	
			For >250 To 500, Deduct	*-162.03*	
			For >500 To 1,000, Deduct	*-222.38*	
			For >1,000, Deduct	*-282.74*	
26 56 19 00-0066		EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,443.93	151.17
			For >50 To 100, Deduct	*-72.20*	
			For >100 To 250, Deduct	*-108.29*	
			For >250 To 500, Deduct	*-172.93*	
			For >500 To 1,000, Deduct	*-237.57*	
			For >1,000, Deduct	*-302.21*	
26 56 19 00-0067			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0062)* Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0068		EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	805.15	143.42
			For >50 To 100, Deduct	*-40.26*	
			For >100 To 250, Deduct	*-60.39*	
			For >250 To 500, Deduct	*-93.47*	
			For >500 To 1,000, Deduct	*-126.56*	
			For >1,000, Deduct	*-159.65*	
26 56 19 00-0069		EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	864.99	146.00
			For >50 To 100, Deduct	*-43.25*	
			For >100 To 250, Deduct	*-64.87*	
			For >250 To 500, Deduct	*-100.82*	
			For >500 To 1,000, Deduct	*-136.77*	
			For >1,000, Deduct	*-172.72*	
26 56 19 00-0070		EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	959.82	148.59
			For >50 To 100, Deduct	*-47.99*	
			For >100 To 250, Deduct	*-71.99*	
			For >250 To 500, Deduct	*-112.55*	
			For >500 To 1,000, Deduct	*-153.11*	
			For >1,000, Deduct	*-193.67*	
26 56 19 00-0071			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0062)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0072		EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	1,023.24	148.59
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*94.53*	
			For >50 To 100, Deduct	*-51.16*	
			For >100 To 250, Deduct	*-76.74*	
			For >250 To 500, Deduct	*-120.48*	
			For >500 To 1,000, Deduct	*-164.21*	
			For >1,000, Deduct	*-207.94*	
26 56 19 00-0073		EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,139.55	149.88
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*28.56*	
			For >50 To 100, Deduct	*-56.98*	
			For >100 To 250, Deduct	*-85.47*	
			For >250 To 500, Deduct	*-134.95*	
			For >500 To 1,000, Deduct	*-184.43*	
			For >1,000, Deduct	*-233.92*	
26 56 19 00-0074		EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,229.61	151.17
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*118.07*	
			For >50 To 100, Deduct	*-61.48*	
			For >100 To 250, Deduct	*-92.22*	
			For >250 To 500, Deduct	*-146.14*	
			For >500 To 1,000, Deduct	*-200.06*	
			For >1,000, Deduct	*-253.99*	
26 56 19 00-0075			LED Roadway Lighting (General Electric) *(26 56 19 00-0001)*		
26 56 19 00-0076			Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) *(26 56 19 00-0075)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0077	EA	2,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 AXBX 3 40 7 GRAY D) (DLC Certified)	975.21	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-48.76*	
		For >100 To 250, Deduct	*-73.14*	
		For >250 To 500, Deduct	*-113.50*	
		For >500 To 1,000, Deduct	*-153.86*	
		For >1,000, Deduct	*-194.23*	
26 56 19 00-0078	EA	2,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 2XBX 7 40 7 GRAY D) (DLC Certified)	950.10	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-47.51*	
		For >100 To 250, Deduct	*-71.26*	
		For >250 To 500, Deduct	*-110.36*	
		For >500 To 1,000, Deduct	*-149.47*	
		For >1,000, Deduct	*-188.58*	
26 56 19 00-0079	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 BXCX 5 40 7 GRAY D) (DLC Certified)	1,000.33	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-50.02*	
		For >100 To 250, Deduct	*-75.02*	
		For >250 To 500, Deduct	*-116.64*	
		For >500 To 1,000, Deduct	*-158.26*	
		For >1,000, Deduct	*-199.88*	
26 56 19 00-0080	EA	6,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 CXBX 7 40 7 GRAY D) (DLC Certified)	1,171.56	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-58.58*	
		For >100 To 250, Deduct	*-87.87*	
		For >250 To 500, Deduct	*-138.05*	
		For >500 To 1,000, Deduct	*-188.23*	
		For >1,000, Deduct	*-238.41*	
26 56 19 00-0081	EA	10,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 HXCX 5 40 7 GRAY D) (DLC Certified)	1,424.99	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-71.25*	
		For >100 To 250, Deduct	*-106.87*	
		For >250 To 500, Deduct	*-169.73*	
		For >500 To 1,000, Deduct	*-232.58*	
		For >1,000, Deduct	*-295.43*	
26 56 19 00-0082	EA	13,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 HXCX 7 40 7 GRAY D) (DLC Certified)	1,424.99	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-71.25*	
		For >100 To 250, Deduct	*-106.87*	
		For >250 To 500, Deduct	*-169.73*	
		For >500 To 1,000, Deduct	*-232.58*	
		For >1,000, Deduct	*-295.43*	
26 56 19 00-0083	EA	20,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS4 0 TXCX 5 40 7 GRAY D) (DLC Certified)	2,504.90	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-125.25*	
		For >100 To 250, Deduct	*-187.87*	
		For >250 To 500, Deduct	*-304.71*	
		For >500 To 1,000, Deduct	*-421.56*	
		For >1,000, Deduct	*-538.41*	
26 56 19 00-0084	EA	2,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 2XBX 7 40 7 GRAY D) (DLC Certified)	813.11	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-40.66*	
		For >100 To 250, Deduct	*-60.98*	
		For >250 To 500, Deduct	*-93.24*	
		For >500 To 1,000, Deduct	*-125.50*	
		For >1,000, Deduct	*-157.75*	
26 56 19 00-0085	EA	4,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 AXCX 7 40 7 GRAY D) (DLC Certified)	863.34	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-43.17*	
		For >100 To 250, Deduct	*-64.75*	
		For >250 To 500, Deduct	*-99.52*	
		For >500 To 1,000, Deduct	*-134.29*	
		For >1,000, Deduct	*-169.06*	
26 56 19 00-0086	EA	7,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 BXBX 1 40 7 GRAY D) (DLC Certified)	1,011.74	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-50.59*	
		For >100 To 250, Deduct	*-75.88*	
		For >250 To 500, Deduct	*-118.07*	
		For >500 To 1,000, Deduct	*-160.26*	
		For >1,000, Deduct	*-202.45*	
26 56 19 00-0087	EA	11,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 DXCX 1 40 7 GRAY D) (DLC Certified)	1,299.42	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-64.97*	
		For >100 To 250, Deduct	*-97.46*	
		For >250 To 500, Deduct	*-154.03*	
		For >500 To 1,000, Deduct	*-210.60*	
		For >1,000, Deduct	*-267.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0088	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 EXCX 1 40 7 GRAY D) (DLC Certified)	1,335.95	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-66.80*	
		For >100 To 250, Deduct	*-100.20*	
		For >250 To 500, Deduct	*-158.60*	
		For >500 To 1,000, Deduct	*-216.99*	
		For >1,000, Deduct	*-275.39*	
26 56 19 00-0089	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	604.97	142.78
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-30.25*	
		For >100 To 250, Deduct	*-45.37*	
		For >250 To 500, Deduct	*-68.48*	
		For >500 To 1,000, Deduct	*-91.59*	
		For >1,000, Deduct	*-114.70*	
26 56 19 00-0090	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	608.85	144.72
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-30.44*	
		For >100 To 250, Deduct	*-45.66*	
		For >250 To 500, Deduct	*-68.87*	
		For >500 To 1,000, Deduct	*-92.08*	
		For >1,000, Deduct	*-115.28*	
26 56 19 00-0091	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	635.46	146.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-31.77*	
		For >100 To 250, Deduct	*-47.66*	
		For >250 To 500, Deduct	*-72.08*	
		For >500 To 1,000, Deduct	*-96.51*	
		For >1,000, Deduct	*-120.93*	
26 56 19 00-0092	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	662.80	148.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-33.14*	
		For >100 To 250, Deduct	*-49.71*	
		For >250 To 500, Deduct	*-75.42*	
		For >500 To 1,000, Deduct	*-101.13*	
		For >1,000, Deduct	*-126.84*	
26 56 19 00-0093	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	735.55	151.82
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-36.78*	
		For >100 To 250, Deduct	*-55.17*	
		For >250 To 500, Deduct	*-84.35*	
		For >500 To 1,000, Deduct	*-113.54*	
		For >1,000, Deduct	*-142.73*	
26 56 19 00-0094	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	774.29	153.12
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-38.71*	
		For >100 To 250, Deduct	*-58.07*	
		For >250 To 500, Deduct	*-89.13*	
		For >500 To 1,000, Deduct	*-120.19*	
		For >1,000, Deduct	*-151.25*	
26 56 19 00-0095	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	847.13	155.38
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-42.36*	
		For >100 To 250, Deduct	*-63.53*	
		For >250 To 500, Deduct	*-98.12*	
		For >500 To 1,000, Deduct	*-132.71*	
		For >1,000, Deduct	*-167.30*	
26 56 19 00-0096	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	1,002.17	159.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-50.11*	
		For >100 To 250, Deduct	*-75.16*	
		For >250 To 500, Deduct	*-117.29*	
		For >500 To 1,000, Deduct	*-159.42*	
		For >1,000, Deduct	*-201.55*	
26 56 19 00-0097	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,179.68	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-58.98*	
		For >100 To 250, Deduct	*-88.48*	
		For >250 To 500, Deduct	*-139.06*	
		For >500 To 1,000, Deduct	*-189.65*	
		For >1,000, Deduct	*-240.23*	

26 56 19 00-0098 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0001)*

26 56 19 00-0099 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0098)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0100	EA	4,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	883.65	146.98
		For >50 To 100, Deduct	*-44.18*	
		For >100 To 250, Deduct	*-66.27*	
		For >250 To 500, Deduct	*-103.11*	
		For >500 To 1,000, Deduct	*-139.94*	
		For >1,000, Deduct	*-176.78*	
26 56 19 00-0101	EA	9,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	1,104.79	146.98
		For >50 To 100, Deduct	*-55.24*	
		For >100 To 250, Deduct	*-82.86*	
		For >250 To 500, Deduct	*-130.75*	
		For >500 To 1,000, Deduct	*-178.64*	
		For >1,000, Deduct	*-226.53*	
26 56 19 00-0102	EA	12,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2)	1,164.17	146.98
		For >50 To 100, Deduct	*-58.21*	
		For >100 To 250, Deduct	*-87.31*	
		For >250 To 500, Deduct	*-138.17*	
		For >500 To 1,000, Deduct	*-189.03*	
		For >1,000, Deduct	*-239.89*	
26 56 19 00-0103	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,203.77	146.98
		For >50 To 100, Deduct	*-60.19*	
		For >100 To 250, Deduct	*-90.28*	
		For >250 To 500, Deduct	*-143.12*	
		For >500 To 1,000, Deduct	*-195.96*	
		For >1,000, Deduct	*-248.80*	
26 56 19 00-0104	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,503.93	151.17
		For >50 To 100, Deduct	*-75.20*	
		For >100 To 250, Deduct	*-112.79*	
		For >250 To 500, Deduct	*-180.43*	
		For >500 To 1,000, Deduct	*-248.07*	
		For >1,000, Deduct	*-315.71*	
26 56 19 00-0105	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	2,113.27	155.38
		For >50 To 100, Deduct	*-105.66*	
		For >100 To 250, Deduct	*-158.50*	
		For >250 To 500, Deduct	*-256.39*	
		For >500 To 1,000, Deduct	*-354.28*	
		For >1,000, Deduct	*-452.18*	
26 56 19 00-0106	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,726.32	161.51
		For >50 To 100, Deduct	*-136.32*	
		For >100 To 250, Deduct	*-204.47*	
		For >250 To 500, Deduct	*-332.71*	
		For >500 To 1,000, Deduct	*-460.96*	
		For >1,000, Deduct	*-589.20*	
26 56 19 00-0107	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,325.90	166.04
		For >50 To 100, Deduct	*-166.30*	
		For >100 To 250, Deduct	*-249.44*	
		For >250 To 500, Deduct	*-407.44*	
		For >500 To 1,000, Deduct	*-565.43*	
		For >1,000, Deduct	*-723.42*	

26 56 19 00-0108 LED Roadway Lighting (Leotek) *(26 56 19 00-0001)*

26 56 19 00-0109 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0108)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0110	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	618.79	146.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-30.94*	
		For >100 To 250, Deduct	*-46.41*	
		For >250 To 500, Deduct	*-70.00*	
		For >500 To 1,000, Deduct	*-93.59*	
		For >1,000, Deduct	*-117.18*	
26 56 19 00-0111	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	632.57	148.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-31.63*	
		For >100 To 250, Deduct	*-47.44*	
		For >250 To 500, Deduct	*-71.64*	
		For >500 To 1,000, Deduct	*-95.84*	
		For >1,000, Deduct	*-120.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0112	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	676.69	149.56
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-33.83*	
		For >100 To 250, Deduct	*-50.75*	
		For >250 To 500, Deduct	*-77.11*	
		For >500 To 1,000, Deduct	*-103.46*	
		For >1,000, Deduct	*-129.82*	
26 56 19 00-0113	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	789.57	155.38
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-39.48*	
		For >100 To 250, Deduct	*-59.22*	
		For >250 To 500, Deduct	*-90.93*	
		For >500 To 1,000, Deduct	*-122.64*	
		For >1,000, Deduct	*-154.35*	
26 56 19 00-0114	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	928.74	159.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-46.44*	
		For >100 To 250, Deduct	*-69.66*	
		For >250 To 500, Deduct	*-108.11*	
		For >500 To 1,000, Deduct	*-146.57*	
		For >1,000, Deduct	*-185.03*	
26 56 19 00-0115	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	933.91	162.16
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-46.70*	
		For >100 To 250, Deduct	*-70.04*	
		For >250 To 500, Deduct	*-108.63*	
		For >500 To 1,000, Deduct	*-147.22*	
		For >1,000, Deduct	*-185.81*	
26 56 19 00-0116	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,152.13	164.74
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-57.61*	
		For >100 To 250, Deduct	*-86.41*	
		For >250 To 500, Deduct	*-135.78*	
		For >500 To 1,000, Deduct	*-185.15*	
		For >1,000, Deduct	*-234.52*	
26 56 19 00-0117	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,209.21	167.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-60.46*	
		For >100 To 250, Deduct	*-90.69*	
		For >250 To 500, Deduct	*-142.75*	
		For >500 To 1,000, Deduct	*-194.81*	
		For >1,000, Deduct	*-246.88*	
26 56 19 00-0118	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,353.60	170.56
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-67.68*	
		For >100 To 250, Deduct	*-101.52*	
		For >250 To 500, Deduct	*-160.67*	
		For >500 To 1,000, Deduct	*-219.82*	
		For >1,000, Deduct	*-278.98*	
26 56 19 00-0119	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,453.69	173.14
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-72.68*	
		For >100 To 250, Deduct	*-109.03*	
		For >250 To 500, Deduct	*-173.05*	
		For >500 To 1,000, Deduct	*-237.08*	
		For >1,000, Deduct	*-301.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0120	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	721.16	148.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-36.06*	
		For >100 To 250, Deduct	*-54.09*	
		For >250 To 500, Deduct	*-82.72*	
		For >500 To 1,000, Deduct	*-111.34*	
		For >1,000, Deduct	*-139.97*	
26 56 19 00-0121	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	794.31	152.47
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-39.72*	
		For >100 To 250, Deduct	*-59.57*	
		For >250 To 500, Deduct	*-91.67*	
		For >500 To 1,000, Deduct	*-123.76*	
		For >1,000, Deduct	*-155.85*	
26 56 19 00-0122	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	859.18	155.38
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-42.96*	
		For >100 To 250, Deduct	*-64.44*	
		For >250 To 500, Deduct	*-99.63*	
		For >500 To 1,000, Deduct	*-134.82*	
		For >1,000, Deduct	*-170.01*	
26 56 19 00-0123	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	914.80	158.92
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-45.74*	
		For >100 To 250, Deduct	*-68.61*	
		For >250 To 500, Deduct	*-106.40*	
		For >500 To 1,000, Deduct	*-144.20*	
		For >1,000, Deduct	*-181.99*	
26 56 19 00-0124	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	972.23	160.22
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-48.61*	
		For >100 To 250, Deduct	*-72.92*	
		For >250 To 500, Deduct	*-113.52*	
		For >500 To 1,000, Deduct	*-154.12*	
		For >1,000, Deduct	*-194.72*	
26 56 19 00-0125	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,163.15	166.04
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-58.16*	
		For >100 To 250, Deduct	*-87.24*	
		For >250 To 500, Deduct	*-137.09*	
		For >500 To 1,000, Deduct	*-186.95*	
		For >1,000, Deduct	*-236.80*	
26 56 19 00-0126	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,319.38	169.27
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-65.97*	
		For >100 To 250, Deduct	*-98.95*	
		For >250 To 500, Deduct	*-156.46*	
		For >500 To 1,000, Deduct	*-213.97*	
		For >1,000, Deduct	*-271.47*	
26 56 19 00-0127	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,405.04	169.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-70.25*	
		For >100 To 250, Deduct	*-105.38*	
		For >250 To 500, Deduct	*-167.13*	
		For >500 To 1,000, Deduct	*-228.89*	
		For >1,000, Deduct	*-290.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0128	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,486.96	171.85
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-74.35*	
		For >100 To 250, Deduct	*-111.52*	
		For >250 To 500, Deduct	*-177.28*	
		For >500 To 1,000, Deduct	*-243.03*	
		For >1,000, Deduct	*-308.79*	
26 56 19 00-0129	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	773.60	162.16
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-38.68*	
		For >100 To 250, Deduct	*-58.02*	
		For >250 To 500, Deduct	*-88.59*	
		For >500 To 1,000, Deduct	*-119.16*	
		For >1,000, Deduct	*-149.74*	
26 56 19 00-0130	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	840.11	163.78
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-42.01*	
		For >100 To 250, Deduct	*-63.01*	
		For >250 To 500, Deduct	*-96.83*	
		For >500 To 1,000, Deduct	*-130.64*	
		For >1,000, Deduct	*-164.46*	
26 56 19 00-0131	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	589.73	148.27
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-29.49*	
		For >100 To 250, Deduct	*-44.23*	
		For >250 To 500, Deduct	*-66.30*	
		For >500 To 1,000, Deduct	*-88.38*	
		For >1,000, Deduct	*-110.45*	
26 56 19 00-0132	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	600.76	149.56
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-30.04*	
		For >100 To 250, Deduct	*-45.06*	
		For >250 To 500, Deduct	*-67.62*	
		For >500 To 1,000, Deduct	*-90.18*	
		For >1,000, Deduct	*-112.74*	
26 56 19 00-0133	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	655.09	152.47
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-32.75*	
		For >100 To 250, Deduct	*-49.13*	
		For >250 To 500, Deduct	*-74.26*	
		For >500 To 1,000, Deduct	*-99.39*	
		For >1,000, Deduct	*-124.52*	
26 56 19 00-0134	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	1,023.46	164.74
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-51.17*	
		For >100 To 250, Deduct	*-76.76*	
		For >250 To 500, Deduct	*-119.70*	
		For >500 To 1,000, Deduct	*-162.63*	
		For >1,000, Deduct	*-205.57*	
26 56 19 00-0135	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,345.98	169.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-67.30*	
		For >100 To 250, Deduct	*-100.95*	
		For >250 To 500, Deduct	*-159.75*	
		For >500 To 1,000, Deduct	*-218.56*	
		For >1,000, Deduct	*-277.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0136	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,195.39	170.56
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-59.77*	
		For >100 To 250, Deduct	*-89.65*	
		For >250 To 500, Deduct	*-140.90*	
		For >500 To 1,000, Deduct	*-192.14*	
		For >1,000, Deduct	*-243.38*	
26 56 19 00-0137	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	565.07	148.59
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-28.25*	
		For >100 To 250, Deduct	*-42.38*	
		For >250 To 500, Deduct	*-63.20*	
		For >500 To 1,000, Deduct	*-84.03*	
		For >1,000, Deduct	*-104.85*	

26 56 19 00-0138 LED, Wall Packs *(26 56 19)*

26 56 19 00-0139 Full Cutoff, LED Wall Packs *(26 56 19 00-0138)*

26 56 19 00-0140 Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0139)*

26 56 19 00-0141	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	984.26	113.06
		For >50 To 100, Deduct	*-49.21*	
		For >100 To 250, Deduct	*-73.82*	
		For >250 To 500, Deduct	*-117.38*	
		For >500 To 1,000, Deduct	*-160.94*	
		For >1,000, Deduct	*-204.50*	
26 56 19 00-0142	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,066.56	113.06
		For >50 To 100, Deduct	*-53.33*	
		For >100 To 250, Deduct	*-79.99*	
		For >250 To 500, Deduct	*-127.67*	
		For >500 To 1,000, Deduct	*-175.34*	
		For >1,000, Deduct	*-223.02*	

26 56 19 00-0143 Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0139)*

26 56 19 00-0144 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0143)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0145	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,012.37	109.83
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*52.34*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-50.62*	
		For >100 To 250, Deduct	*-75.93*	
		For >250 To 500, Deduct	*-121.06*	
		For >500 To 1,000, Deduct	*-166.18*	
		For >1,000, Deduct	*-211.31*	
26 56 19 00-0146	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,312.52	116.29
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*52.99*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-65.63*	
		For >100 To 250, Deduct	*-98.44*	
		For >250 To 500, Deduct	*-158.25*	
		For >500 To 1,000, Deduct	*-218.06*	
		For >1,000, Deduct	*-277.87*	
26 56 19 00-0147	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,473.81	122.75
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*53.64*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-73.69*	
		For >100 To 250, Deduct	*-110.54*	
		For >250 To 500, Deduct	*-178.09*	
		For >500 To 1,000, Deduct	*-245.64*	
		For >1,000, Deduct	*-313.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0148	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,912.82	129.21
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*54.28*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-95.64*	
		For >100 To 250, Deduct	*-143.46*	
		For >250 To 500, Deduct	*-232.64*	
		For >500 To 1,000, Deduct	*-321.82*	
		For >1,000, Deduct	*-411.00*	
26 56 19 00-0149	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,212.96	135.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*54.93*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-110.65*	
		For >100 To 250, Deduct	*-165.97*	
		For >250 To 500, Deduct	*-269.84*	
		For >500 To 1,000, Deduct	*-373.70*	
		For >1,000, Deduct	*-477.57*	
26 56 19 00-0150	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,513.11	142.13
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*55.57*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-125.66*	
		For >100 To 250, Deduct	*-188.48*	
		For >250 To 500, Deduct	*-307.03*	
		For >500 To 1,000, Deduct	*-425.58*	
		For >1,000, Deduct	*-544.13*	
26 56 19 00-0151		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0143)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0152	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	585.86	109.83
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*65.65*	
		For >50 To 100, Deduct	*-29.29*	
		For >100 To 250, Deduct	*-43.94*	
		For >250 To 500, Deduct	*-67.74*	
		For >500 To 1,000, Deduct	*-91.54*	
		For >1,000, Deduct	*-115.34*	
26 56 19 00-0153	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	684.22	116.29
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*65.65*	
		For >50 To 100, Deduct	*-34.21*	
		For >100 To 250, Deduct	*-51.32*	
		For >250 To 500, Deduct	*-79.71*	
		For >500 To 1,000, Deduct	*-108.11*	
		For >1,000, Deduct	*-136.51*	
26 56 19 00-0154		Full Cutoff, LED Wall Packs (McGraw-Edison) *(26 56 19 00-0139)*		
26 56 19 00-0155	EA	One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,313.26	109.83
26 56 19 00-0156	EA	Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,636.69	116.29
26 56 19 00-0157	EA	One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,329.25	109.83
26 56 19 00-0158	EA	Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,782.81	116.29
26 56 19 00-0159		Open Face LED Wall Pack *(26 56 19 00-0138)*		
		Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0160	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	704.08	114.95
		For >50 To 100, Deduct	*-35.20*	
		For >100 To 250, Deduct	*-52.81*	
		For >250 To 500, Deduct	*-79.39*	
		For >500 To 1,000, Deduct	*-105.97*	
		For >1,000, Deduct	*-132.55*	
26 56 19 00-0161	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	722.70	114.95
		For >50 To 100, Deduct	*-36.14*	
		For >100 To 250, Deduct	*-54.20*	
		For >250 To 500, Deduct	*-81.72*	
		For >500 To 1,000, Deduct	*-109.23*	
		For >1,000, Deduct	*-136.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0162	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	762.75	114.95
		For >50 To 100, Deduct	*-38.14*	
		For >100 To 250, Deduct	*-57.21*	
		For >250 To 500, Deduct	*-86.72*	
		For >500 To 1,000, Deduct	*-116.24*	
		For >1,000, Deduct	*-145.75*	
26 56 19 00-0163	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	797.21	114.95
		For >50 To 100, Deduct	*-39.86*	
		For >100 To 250, Deduct	*-59.79*	
		For >250 To 500, Deduct	*-91.03*	
		For >500 To 1,000, Deduct	*-122.27*	
		For >1,000, Deduct	*-153.51*	
26 56 19 00-0164	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	858.40	114.95
		For >50 To 100, Deduct	*-42.92*	
		For >100 To 250, Deduct	*-64.38*	
		For >250 To 500, Deduct	*-98.68*	
		For >500 To 1,000, Deduct	*-132.98*	
		For >1,000, Deduct	*-167.27*	

26 56 19 00-0165 Wall Pack Accessories *(26 56 19 00-0138)*

26 56 19 00-0166	EA	Photocell For Wall Pack	137.94	28.74
26 56 19 00-0167	EA	Wire Guard For Mini And Small Wall Pack	154.76	28.74
26 56 19 00-0168	EA	Wire Guard For Medium And Large Wall Pack	225.10	28.74
26 56 19 00-0169	EA	Clear Polycarbonate Vandal Guard For Wall Packs	326.60	28.74
26 56 19 00-0170	EA	Full Cutoff Visor For Wall Pack	150.17	28.74

26 56 19 00-0171 LED, Area Fixtures *(26 56 19)*

26 56 19 00-0172 Pole Mount, LED Area Fixtures *(26 56 19 00-0171)*

26 56 19 00-0173 Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0172)*

Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0174	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,478.95	109.83
		For >50 To 100, Deduct	*-123.95*	
		For >100 To 250, Deduct	*-185.92*	
		For >250 To 500, Deduct	*-304.38*	
		For >500 To 1,000, Deduct	*-422.83*	
		For >1,000, Deduct	*-541.29*	
26 56 19 00-0175	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,672.62	116.29
		For >50 To 100, Deduct	*-133.63*	
		For >100 To 250, Deduct	*-200.45*	
		For >250 To 500, Deduct	*-328.26*	
		For >500 To 1,000, Deduct	*-456.08*	
		For >1,000, Deduct	*-583.90*	
26 56 19 00-0176	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,879.21	129.21
		For >50 To 100, Deduct	*-143.96*	
		For >100 To 250, Deduct	*-215.94*	
		For >250 To 500, Deduct	*-353.44*	
		For >500 To 1,000, Deduct	*-490.94*	
		For >1,000, Deduct	*-628.44*	
26 56 19 00-0177	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,892.13	135.67
		For >50 To 100, Deduct	*-144.61*	
		For >100 To 250, Deduct	*-216.91*	
		For >250 To 500, Deduct	*-354.73*	
		For >500 To 1,000, Deduct	*-492.56*	
		For >1,000, Deduct	*-630.38*	

26 56 19 00-0178 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0172)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

26 56 19 00-0179	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,368.11	116.29
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*42.82*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-68.41*	
		For >100 To 250, Deduct	*-102.61*	
		For >250 To 500, Deduct	*-165.20*	
		For >500 To 1,000, Deduct	*-227.79*	
		For >1,000, Deduct	*-290.38*	
26 56 19 00-0180	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,653.79	122.75
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*43.47*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-82.69*	
		For >100 To 250, Deduct	*-124.03*	
		For >250 To 500, Deduct	*-200.59*	
		For >500 To 1,000, Deduct	*-277.14*	
		For >1,000, Deduct	*-353.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0181		EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,048.93	129.21
			For Backlight Shielding, Add	*25.98*	
			For Type II Medium Optic, Add	*44.11*	
			For 480 Volt, Add	*111.02*	
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-102.45*	
			For >100 To 250, Deduct	*-153.67*	
			For >250 To 500, Deduct	*-249.66*	
			For >500 To 1,000, Deduct	*-345.64*	
			For >1,000, Deduct	*-441.63*	
26 56 19 00-0182		EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,334.61	135.67
			For Backlight Shielding, Add	*25.98*	
			For Type II Medium Optic, Add	*44.76*	
			For 480 Volt, Add	*111.02*	
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-116.73*	
			For >100 To 250, Deduct	*-175.10*	
			For >250 To 500, Deduct	*-285.04*	
			For >500 To 1,000, Deduct	*-394.99*	
			For >1,000, Deduct	*-504.94*	
26 56 19 00-0183		EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,620.28	142.13
			For Backlight Shielding, Add	*25.98*	
			For Type II Medium Optic, Add	*45.40*	
			For 480 Volt, Add	*111.02*	
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-131.01*	
			For >100 To 250, Deduct	*-196.52*	
			For >250 To 500, Deduct	*-320.43*	
			For >500 To 1,000, Deduct	*-444.34*	
			For >1,000, Deduct	*-568.24*	
26 56 19 00-0184		EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,993.16	148.59
			For Backlight Shielding, Add	*25.98*	
			For Type II Medium Optic, Add	*46.05*	
			For 480 Volt, Add	*111.02*	
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-149.66*	
			For >100 To 250, Deduct	*-224.49*	
			For >250 To 500, Deduct	*-366.72*	
			For >500 To 1,000, Deduct	*-508.94*	
			For >1,000, Deduct	*-651.17*	
26 56 19 00-0185		EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,278.83	155.05
			For Backlight Shielding, Add	*25.98*	
			For Type II Medium Optic, Add	*46.70*	
			For 480 Volt, Add	*111.02*	
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-163.94*	
			For >100 To 250, Deduct	*-245.91*	
			For >250 To 500, Deduct	*-402.10*	
			For >500 To 1,000, Deduct	*-558.29*	
			For >1,000, Deduct	*-714.48*	

26 56 19 00-0186 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0172)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0187		EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,418.89	142.13
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
			For Bird Spikes, Add	*48.68*	
			For 5,000K Color Temperature, Add	*54.71*	
			For Fuse, Add	*65.65*	
			For 0 To 10 Volt Dimming, Add	*65.65*	
			For 480 Volt, Add	*98.48*	
			For Multi-Level, Add	*142.23*	
			For 1,000mA Driver, Add	*183.84*	
			For >50 To 100, Deduct	*-120.94*	
			For >100 To 250, Deduct	*-181.42*	
			For >250 To 500, Deduct	*-295.25*	
			For >500 To 1,000, Deduct	*-409.09*	
			For >1,000, Deduct	*-522.93*	
26 56 19 00-0188		EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	4,091.94	174.44
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
			For 5,000K Color Temperature, Add	*54.71*	
			For Fuse, Add	*65.65*	
			For 0 To 10 Volt Dimming, Add	*65.65*	
			For Bird Spikes, Add	*72.60*	
			For Multi-Level, Add	*142.23*	
			For 1,000mA Driver, Add	*183.82*	
			For 480 Volt, Add	*196.94*	
			For >50 To 100, Deduct	*-204.60*	
			For >100 To 250, Deduct	*-306.90*	
			For >250 To 500, Deduct	*-502.77*	
			For >500 To 1,000, Deduct	*-698.65*	
			For >1,000, Deduct	*-894.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0189		Wall Mount, LED Area Fixtures *(26 56 19 00-0171)*		
26 56 19 00-0190		Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0189)* Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0191	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,089.03	109.83
		For >50 To 100, Deduct	*-54.45*	
		For >100 To 250, Deduct	*-81.68*	
		For >250 To 500, Deduct	*-130.64*	
		For >500 To 1,000, Deduct	*-179.60*	
		For >1,000, Deduct	*-228.56*	
26 56 19 00-0192	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,114.88	122.75
		For >50 To 100, Deduct	*-55.74*	
		For >100 To 250, Deduct	*-83.62*	
		For >250 To 500, Deduct	*-133.22*	
		For >500 To 1,000, Deduct	*-182.83*	
		For >1,000, Deduct	*-232.44*	
26 56 19 00-0193		Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0171)*		
26 56 19 00-0194		Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0193)* Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0195	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,204.83	116.29
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-60.24*	
		For >100 To 250, Deduct	*-90.36*	
		For >250 To 500, Deduct	*-144.79*	
		For >500 To 1,000, Deduct	*-199.22*	
		For >1,000, Deduct	*-253.64*	
26 56 19 00-0196	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,490.51	122.75
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-74.53*	
		For >100 To 250, Deduct	*-111.79*	
		For >250 To 500, Deduct	*-180.18*	
		For >500 To 1,000, Deduct	*-248.56*	
		For >1,000, Deduct	*-316.95*	
26 56 19 00-0197	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,776.18	129.21
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-88.81*	
		For >100 To 250, Deduct	*-133.21*	
		For >250 To 500, Deduct	*-215.56*	
		For >500 To 1,000, Deduct	*-297.91*	
		For >1,000, Deduct	*-380.26*	
26 56 19 00-0198	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	2,061.85	135.67
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-103.09*	
		For >100 To 250, Deduct	*-154.64*	
		For >250 To 500, Deduct	*-250.95*	
		For >500 To 1,000, Deduct	*-347.26*	
		For >1,000, Deduct	*-443.57*	
26 56 19 00-0199		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0193)* Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0200	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,160.30	116.29
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-58.02*	
		For >100 To 250, Deduct	*-87.02*	
		For >250 To 500, Deduct	*-139.22*	
		For >500 To 1,000, Deduct	*-191.42*	
		For >1,000, Deduct	*-243.62*	
26 56 19 00-0201	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,282.70	122.75
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-64.14*	
		For >100 To 250, Deduct	*-96.20*	
		For >250 To 500, Deduct	*-154.20*	
		For >500 To 1,000, Deduct	*-212.20*	
		For >1,000, Deduct	*-270.20*	
26 56 19 00-0202		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0193)* Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0203		EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	1,013.31	116.29
			For >50 To 100, Deduct	*-50.67*	
			For >100 To 250, Deduct	*-76.00*	
			For >250 To 500, Deduct	*-120.85*	
			For >500 To 1,000, Deduct	*-165.70*	
			For >1,000, Deduct	*-210.55*	

26 56 19 00-0204 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0193)*

Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.

26 56 19 00-0205		EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,036.12	122.75
			For >50 To 100, Deduct	*-101.81*	
			For >100 To 250, Deduct	*-152.71*	
			For >250 To 500, Deduct	*-248.38*	
			For >500 To 1,000, Deduct	*-344.05*	
			For >1,000, Deduct	*-439.71*	
26 56 19 00-0206		EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,061.96	135.67
			For >50 To 100, Deduct	*-103.10*	
			For >100 To 250, Deduct	*-154.65*	
			For >250 To 500, Deduct	*-250.96*	
			For >500 To 1,000, Deduct	*-347.28*	
			For >1,000, Deduct	*-443.59*	

26 56 19 00-0207 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0171)*

26 56 19 00-0208 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0207)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0209		EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,401.51	116.29
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-70.08*	
			For >100 To 250, Deduct	*-105.11*	
			For >250 To 500, Deduct	*-169.37*	
			For >500 To 1,000, Deduct	*-233.64*	
			For >1,000, Deduct	*-297.90*	
26 56 19 00-0210		EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,687.19	122.75
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-84.36*	
			For >100 To 250, Deduct	*-126.54*	
			For >250 To 500, Deduct	*-204.76*	
			For >500 To 1,000, Deduct	*-282.98*	
			For >1,000, Deduct	*-361.21*	
26 56 19 00-0211		EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,972.86	129.21
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-98.64*	
			For >100 To 250, Deduct	*-147.96*	
			For >250 To 500, Deduct	*-240.15*	
			For >500 To 1,000, Deduct	*-332.33*	
			For >1,000, Deduct	*-424.51*	
26 56 19 00-0212		EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,258.53	135.67
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-112.93*	
			For >100 To 250, Deduct	*-169.39*	
			For >250 To 500, Deduct	*-275.53*	
			For >500 To 1,000, Deduct	*-381.68*	
			For >1,000, Deduct	*-487.82*	
26 56 19 00-0213		EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,544.20	142.13
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-127.21*	
			For >100 To 250, Deduct	*-190.82*	
			For >250 To 500, Deduct	*-310.92*	
			For >500 To 1,000, Deduct	*-431.02*	
			For >1,000, Deduct	*-551.13*	
26 56 19 00-0214		EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,939.35	148.59
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-146.97*	
			For >100 To 250, Deduct	*-220.45*	
			For >250 To 500, Deduct	*-359.99*	
			For >500 To 1,000, Deduct	*-499.53*	
			For >1,000, Deduct	*-639.07*	
26 56 19 00-0215		EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,225.02	155.05
			For Multi-Level Drive Currents, Add	*259.76*	
			For >50 To 100, Deduct	*-161.25*	
			For >100 To 250, Deduct	*-241.88*	
			For >250 To 500, Deduct	*-395.38*	
			For >500 To 1,000, Deduct	*-548.87*	
			For >1,000, Deduct	*-702.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0216	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,796.36	167.97
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-189.82*	
		For >100 To 250, Deduct	*-284.73*	
		For >250 To 500, Deduct	*-466.15*	
		For >500 To 1,000, Deduct	*-647.57*	
		For >1,000, Deduct	*-828.99*	
26 56 19 00-0217	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	4,354.79	174.44
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-217.74*	
		For >100 To 250, Deduct	*-326.61*	
		For >250 To 500, Deduct	*-535.63*	
		For >500 To 1,000, Deduct	*-744.65*	
		For >1,000, Deduct	*-953.66*	

26 56 19 00-0218 Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0207)*

Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0219	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	957.93	129.21
		For >50 To 100, Deduct	*-47.90*	
		For >100 To 250, Deduct	*-71.84*	
		For >250 To 500, Deduct	*-113.28*	
		For >500 To 1,000, Deduct	*-154.72*	
		For >1,000, Deduct	*-196.15*	

26 56 19 00-0220 Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0171)*

26 56 19 00-0221 Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0220)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0222	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,182.56	116.29
		For >50 To 100, Deduct	*-59.13*	
		For >100 To 250, Deduct	*-88.69*	
		For >250 To 500, Deduct	*-142.01*	
		For >500 To 1,000, Deduct	*-195.32*	
		For >1,000, Deduct	*-248.63*	
26 56 19 00-0223	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,304.96	122.75
		For >50 To 100, Deduct	*-65.25*	
		For >100 To 250, Deduct	*-97.87*	
		For >250 To 500, Deduct	*-156.98*	
		For >500 To 1,000, Deduct	*-216.09*	
		For >1,000, Deduct	*-275.20*	

26 56 19 00-0224 Surface Mount, LED Area Fixtures *(26 56 19 00-0171)*

26 56 19 00-0225 Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0224)*

Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.

26 56 19 00-0226	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	654.04	116.29
		For >50 To 100, Deduct	*-32.70*	
		For >100 To 250, Deduct	*-49.05*	
		For >250 To 500, Deduct	*-75.94*	
		For >500 To 1,000, Deduct	*-102.83*	
		For >1,000, Deduct	*-129.72*	
26 56 19 00-0227	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,478.31	116.29
		For >50 To 100, Deduct	*-73.92*	
		For >100 To 250, Deduct	*-110.87*	
		For >250 To 500, Deduct	*-178.97*	
		For >500 To 1,000, Deduct	*-247.08*	
		For >1,000, Deduct	*-315.18*	
26 56 19 00-0228	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,222.36	129.21
		For >50 To 100, Deduct	*-61.12*	
		For >100 To 250, Deduct	*-91.68*	
		For >250 To 500, Deduct	*-146.33*	
		For >500 To 1,000, Deduct	*-200.99*	
		For >1,000, Deduct	*-255.65*	
26 56 19 00-0229	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,519.81	129.21
		For >50 To 100, Deduct	*-75.99*	
		For >100 To 250, Deduct	*-113.99*	
		For >250 To 500, Deduct	*-183.52*	
		For >500 To 1,000, Deduct	*-253.05*	
		For >1,000, Deduct	*-322.58*	

26 56 19 00-0230 Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0224)*

Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0231	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	211.13	41.38
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-10.56*	
		For >100 To 250, Deduct	*-15.83*	
		For >250 To 500, Deduct	*-24.67*	
		For >500 To 1,000, Deduct	*-33.50*	
		For >1,000, Deduct	*-42.33*	
26 56 19 00-0232	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	241.29	41.38
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-12.06*	
		For >100 To 250, Deduct	*-18.10*	
		For >250 To 500, Deduct	*-28.44*	
		For >500 To 1,000, Deduct	*-38.78*	
		For >1,000, Deduct	*-49.12*	
26 56 19 00-0233	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	298.73	41.38
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-14.94*	
		For >100 To 250, Deduct	*-22.40*	
		For >250 To 500, Deduct	*-35.62*	
		For >500 To 1,000, Deduct	*-48.83*	
		For >1,000, Deduct	*-62.04*	

26 56 19 00-0234 Surface Mount, LED Multi-Purpose Area Fixture (Designplan LED VIM) *(26 56 19 00-0224)*

Note: Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and black, white or silver powder coat finish. Excludes sensors.

26 56 19 00-0235	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture With Integral Battery Backup (Designplan LED VIM)	2,946.36	41.38
		For >50 To 100, Deduct	*-147.32*	
		For >100 To 250, Deduct	*-220.98*	
		For >250 To 500, Deduct	*-366.57*	
		For >500 To 1,000, Deduct	*-512.16*	
		For >1,000, Deduct	*-657.76*	

26 56 19 00-0236 Surface Mount, LED Facade Fixtures *(26 56 19 00-0171)*

26 56 19 00-0237 Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0236)*

26 56 19 00-0238	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	775.56	48.31
		For >50 To 100, Deduct	*-38.78*	
		For >100 To 250, Deduct	*-58.17*	
		For >250 To 500, Deduct	*-95.11*	
		For >500 To 1,000, Deduct	*-132.05*	
		For >1,000, Deduct	*-168.99*	
26 56 19 00-0239	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,271.36	44.12
		For >50 To 100, Deduct	*-63.57*	
		For >100 To 250, Deduct	*-95.35*	
		For >250 To 500, Deduct	*-157.34*	
		For >500 To 1,000, Deduct	*-219.34*	
		For >1,000, Deduct	*-281.33*	
26 56 19 00-0240	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,627.42	36.77
		For >50 To 100, Deduct	*-81.37*	
		For >100 To 250, Deduct	*-122.06*	
		For >250 To 500, Deduct	*-202.11*	
		For >500 To 1,000, Deduct	*-282.17*	
		For >1,000, Deduct	*-362.23*	
26 56 19 00-0241	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,983.45	29.41
		For >50 To 100, Deduct	*-99.17*	
		For >100 To 250, Deduct	*-148.76*	
		For >250 To 500, Deduct	*-246.88*	
		For >500 To 1,000, Deduct	*-345.00*	
		For >1,000, Deduct	*-443.12*	

26 56 19 00-0242 Post Top, LED Area Fixtures *(26 56 19 00-0171)*

26 56 19 00-0243 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0242)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.

26 56 19 00-0244	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	2,156.97	177.66
		For >50 To 100, Deduct	*-107.85*	
		For >100 To 250, Deduct	*-161.77*	
		For >250 To 500, Deduct	*-260.74*	
		For >500 To 1,000, Deduct	*-359.70*	
		For >1,000, Deduct	*-458.67*	
26 56 19 00-0245	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,386.85	177.66
		For >50 To 100, Deduct	*-119.34*	
		For >100 To 250, Deduct	*-179.01*	
		For >250 To 500, Deduct	*-289.47*	
		For >500 To 1,000, Deduct	*-399.93*	
		For >1,000, Deduct	*-510.39*	
26 56 19 00-0246	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,568.56	177.66
		For >50 To 100, Deduct	*-128.43*	
		For >100 To 250, Deduct	*-192.64*	
		For >250 To 500, Deduct	*-312.19*	
		For >500 To 1,000, Deduct	*-431.73*	
		For >1,000, Deduct	*-551.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0247		**Post Top, LED Area Fixtures (General Electric EPAS)** *(26 56 19 00-0242)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0248	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,551.16	177.66
		For >50 To 100, Deduct	*-127.56*	
		For >100 To 250, Deduct	*-191.34*	
		For >250 To 500, Deduct	*-310.01*	
		For >500 To 1,000, Deduct	*-428.69*	
		For >1,000, Deduct	*-547.36*	
26 56 19 00-0249	EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,610.22	177.66
		For >50 To 100, Deduct	*-130.51*	
		For >100 To 250, Deduct	*-195.77*	
		For >250 To 500, Deduct	*-317.39*	
		For >500 To 1,000, Deduct	*-439.02*	
		For >1,000, Deduct	*-560.65*	
26 56 19 00-0250		**Post Top, LED Area Fixtures (General Electric EPTC)** *(26 56 19 00-0242)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0251	EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,751.52	177.66
		For >50 To 100, Deduct	*-87.58*	
		For >100 To 250, Deduct	*-131.36*	
		For >250 To 500, Deduct	*-210.06*	
		For >500 To 1,000, Deduct	*-288.75*	
		For >1,000, Deduct	*-367.44*	
26 56 19 00-0252	EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,839.91	177.66
		For >50 To 100, Deduct	*-92.00*	
		For >100 To 250, Deduct	*-137.99*	
		For >250 To 500, Deduct	*-221.11*	
		For >500 To 1,000, Deduct	*-304.22*	
		For >1,000, Deduct	*-387.33*	
26 56 19 00-0253		**Post Top, LED Area Fixtures (General Electric EPST)** *(26 56 19 00-0242)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0254	EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,349.74	177.66
		For >50 To 100, Deduct	*-67.49*	
		For >100 To 250, Deduct	*-101.23*	
		For >250 To 500, Deduct	*-159.83*	
		For >500 To 1,000, Deduct	*-218.44*	
		For >1,000, Deduct	*-277.04*	
26 56 19 00-0255	EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,438.13	177.66
		For >50 To 100, Deduct	*-71.91*	
		For >100 To 250, Deduct	*-107.86*	
		For >250 To 500, Deduct	*-170.88*	
		For >500 To 1,000, Deduct	*-233.91*	
		For >1,000, Deduct	*-296.93*	
26 56 19 00-0256		**Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR)** *(26 56 19 00-0242)* Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		
26 56 19 00-0257	EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	3,183.04	177.66
		For >50 To 100, Deduct	*-159.15*	
		For >100 To 250, Deduct	*-238.73*	
		For >250 To 500, Deduct	*-389.00*	
		For >500 To 1,000, Deduct	*-539.27*	
		For >1,000, Deduct	*-689.53*	
26 56 19 00-0258		**LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA)** *(26 56 19 00-0242)* Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0259	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	871.66	96.91
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-43.58*	
		For >100 To 250, Deduct	*-65.37*	
		For >250 To 500, Deduct	*-104.11*	
		For >500 To 1,000, Deduct	*-142.85*	
		For >1,000, Deduct	*-181.59*	
26 56 19 00-0260		**LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)** *(26 56 19 00-0242)* Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0261	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	551.44	20.67
		For Backlight Control Shield, Add	*43.20*	
		For >50 To 100, Deduct	*-27.57*	
		For >100 To 250, Deduct	*-41.36*	
		For >250 To 500, Deduct	*-66.86*	
		For >500 To 1,000, Deduct	*-92.37*	
		For >1,000, Deduct	*-117.87*	
26 56 19 00-0262		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0171)*		
26 56 19 00-0263	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	535.00	38.44
		For >50 To 100, Deduct	*-26.75*	
		For >100 To 250, Deduct	*-40.13*	
		For >250 To 500, Deduct	*-65.43*	
		For >500 To 1,000, Deduct	*-90.74*	
		For >1,000, Deduct	*-116.04*	
26 56 21		**HID Exterior Lighting** *(26 56)*		
26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,995.51	159.54
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,134.19	159.54
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,112.66	182.27
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,195.87	182.27
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,215.01	227.84
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,298.22	227.84
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	2,062.32	159.54
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,145.53	159.54
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,499.35	168.66
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,559.19	182.27
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,703.14	227.84
26 56 21 00-0015		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0016		Metal Halide, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	717.84	260.15
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	810.74	282.39
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	951.22	303.77
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,195.08	356.03
26 56 21 00-0021		High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	826.78	303.77
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	852.68	303.77
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	892.47	303.77
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,000.30	303.77
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,154.14	303.77
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,142.42	303.77
26 56 21 00-0028		Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	731.87	165.25
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	769.76	243.03
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	919.06	243.03
26 56 21 00-0032		Metal Halide, Area Fixtures *(26 56 21)*		
26 56 21 00-0033		Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)* Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,154.98	161.12
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,267.34	177.22
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,402.34	193.33
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,476.96	225.56
26 56 21 00-0038		High Pressure Sodium, Area Fixtures *(26 56 21)*		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	960.98	128.89
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,039.76	161.12
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,122.37	193.33
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,176.94	225.56
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	671.20	243.03
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	768.11	273.40
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	927.41	303.77
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,172.94	356.03
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	651.22	207.78
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	709.01	221.15
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	765.20	233.30
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	790.37	243.03
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	879.31	273.40
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	948.64	303.77
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,300.33	356.03
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	819.98	164.04
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	847.88	182.27
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	903.16	207.78
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	926.71	221.15
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	950.90	233.30
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	996.66	243.03
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,093.09	273.40
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,335.44	303.77
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	902.34	182.27
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	949.34	207.78
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	980.63	221.15
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,021.40	233.30
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,042.91	243.03
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,141.71	273.40
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,464.65	303.77
26 56 21 00-0076		Wall Packs *(26 56 21)*		
26 56 21 00-0077		Non-Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA	13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	361.54	57.48
26 56 21 00-0079	EA	50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	389.32	57.48
26 56 21 00-0080	EA	35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	389.32	57.48
26 56 21 00-0081	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	524.02	57.48
26 56 21 00-0082		Semi-Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	741.44	57.48
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	751.44	57.48
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	760.08	57.48
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	744.32	57.48
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	679.49	57.48
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	643.89	57.48
26 56 21 00-0089		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	782.45	57.48
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	791.56	57.48
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	775.82	57.48
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	788.50	57.48
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	788.50	57.48
26 56 21 00-0095		Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA	70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	735.19	76.56
26 56 21 00-0097	EA	100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	735.19	76.56
26 56 21 00-0098	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	686.40	76.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	705.10	76.56
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	705.10	76.56
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	651.01	76.56
26 56 21 00-0102		Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	764.09	76.56
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	764.09	76.56
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	764.09	76.56
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	735.40	76.56
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	735.40	76.56
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	735.40	76.56
26 56 21 00-0109		Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	997.60	76.56
26 56 21 00-0111		Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	926.90	94.84
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	993.04	94.84
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	1,071.89	94.84
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,093.59	94.84
26 56 21 00-0116		Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,011.97	94.84
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,086.28	94.84
26 56 21 00-0119		Non-Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	922.02	114.95
26 56 21 00-0121	EA	175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	843.31	114.95
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	903.80	114.95
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	909.83	114.95
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	916.14	114.95
26 56 21 00-0125		Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	922.04	114.95
26 56 21 00-0127	EA	250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	948.30	114.95
26 56 21 00-0128	EA	400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,027.01	114.95
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	974.54	114.95
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,000.81	114.95
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,053.23	114.95
26 56 21 00-0132		Semi-Cutoff, Induction Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0133		Semi-Cutoff, Induction Wall Packs (Everlast®) *(26 56 21 00-0132)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,225.12	109.83
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,249.24	116.29
26 56 21 00-0136	EA	100 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,273.37	122.75
26 56 21 00-0137	EA	120 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,420.73	129.21
26 56 21 00-0138		Non-Cutoff, Polycarbonate Lens, Small Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	373.78	57.48
26 56 21 00-0140		Induction, Roadway Lighting *(26 56 21)*		
26 56 21 00-0141		Induction Roadway Lighting (US Lighting Tech) *(26 56 21 00-0140)*		
		Note: Includes gray powder coat finish heavy-duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	649.93	193.81
26 56 21 00-0143	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	714.29	200.28
26 56 21 00-0144	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	740.14	213.20
26 56 21 00-0145	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	765.98	226.12
26 56 21 00-0146	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	897.20	232.57
26 56 21 00-0147	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	914.23	239.04
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	606.73	193.81
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	677.26	200.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	703.11	213.20
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	728.95	226.12
26 56 21 00-0152		Induction, Area Fixtures *(26 56 21)*		
26 56 21 00-0153		Post Top, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0154		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)*		
		Note: Includes black powder coat finish heavy-duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	726.69	177.66
26 56 21 00-0156	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	786.35	177.66
26 56 21 00-0157	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	786.35	177.66
26 56 21 00-0158	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	786.35	177.66
26 56 21 00-0159		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0160		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0159)*		
26 56 21 00-0161	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	660.17	161.51
26 56 21 00-0162	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	701.62	164.74
26 56 21 00-0163	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	712.18	167.97
26 56 21 00-0164	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	722.77	171.20
26 56 21 00-0165	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	733.33	174.44
26 56 21 00-0166	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	748.03	177.66
26 56 21 00-0167	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	771.85	167.97
26 56 21 00-0168	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	782.43	171.20
26 56 21 00-0169	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	793.00	174.44
26 56 21 00-0170	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	825.18	177.66
26 56 21 00-0171		Pole Mount, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0172		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0171)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,281.13	109.83
26 56 21 00-0174	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,316.46	116.29
26 56 21 00-0175	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,351.79	122.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	1,056.00	117.78
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	1,345.81	157.08
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	2,136.79	235.57
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	12.75	1.73
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	78.76	31.12
27 05 26 00-0006	EA	2" x 1/4" x 12", G Pattern, Grounding Bus Bar	185.60	31.12
27 05 26 00-0007	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	200.52	31.12
27 05 26 00-0008	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	386.71	31.12
27 05 26 00-0009	EA	#6 AWG, Cable Runway Ground Strap	77.13	5.76
27 05 26 00-0010	EA	1/4" Screw Size, #6 AWG Compression Lug	26.11	5.76
27 05 26 00-0011	EA	3/8" Screw Size, #6 AWG Compression Lug	27.90	5.76
27 05 26 00-0012	EA	Two Mounting Hole, Ground Terminal Block	31.23	5.76

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	9.39	2.88
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.09*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*0.74*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	9.95	2.88
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.15*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*2.58*	
		For Low Friction Xylan® Coated Finish, Add	*9.20*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	10.82	2.88
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.23*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*3.17*	
		For Low Friction Xylan® Coated Finish, Add	*11.44*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	18.35	2.88
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.99*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Painted Powder Coated Finish, Add	*1.69*	
		For Low Friction Xylan® Coated Finish, Add	*10.14*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	10.71	2.88
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.22*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	14.10	2.88
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.56*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	15.75	2.88
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.73*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	21.65	2.88
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-3.32*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	11.34	2.88
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-2.29*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	13.60	2.88
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	14.77	2.88
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.63*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	20.35	2.88
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-3.19*	
		For Work In Restricted Working Space, Add	*1.73*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.81	2.88
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.53*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	17.63	2.88
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.92*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	18.63	2.88
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0021		Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*		
		Note: Excludes threaded rod. See CSI section 26 05 29 00-0407 for threaded rod.		
27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	11.04	2.88
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-2.26*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	11.56	2.88
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-2.31*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	14.20	2.88
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.57*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0025		Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*		
		Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0407 for threaded rod, nuts and washers.		
27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	13.90	2.88
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.54*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	15.14	2.88
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.67*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	21.30	2.88
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.28*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0029		Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*		
27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	13.73	2.88
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.75*	
		For >500, Deduct	*-2.53*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	15.94	2.88
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.75*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	17.11	2.88
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	23.54	2.88
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-3.51*	
		For Work In Restricted Working Space, Add	*1.73*	
27 05 29 00-0034		Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.78	3.79
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.42*	
		For >500, Deduct	*-6.28*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*2.98*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.61	3.79
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-4.48*	
		For >500, Deduct	*-6.36*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	44.91	3.79
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.81*	
		For >500, Deduct	*-6.79*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.64	3.79
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.41*	
		For >500, Deduct	*-6.26*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.64	3.79
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.66*	
		For >250 To 500, Deduct	*-4.56*	
		For >500, Deduct	*-6.46*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	43.61	3.79
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.71*	
		For >500, Deduct	*-6.66*	
		For Work In Restricted Working Space, Add	*3.45*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.96	3.79
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.51*	
		For >500, Deduct	*-6.40*	
		For Work In Restricted Working Space, Add	*3.45*	

27 05 33 Conduits and Back Boxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

See CSI section 26 27 16 00-0000 for cabinets and enclosures.

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	97.70	29.88
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*50.72*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	195.42	59.78
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*101.42*	

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	382.28	86.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	489.47	94.84
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	563.18	109.20
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	584.90	112.08
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	725.59	114.95
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	904.36	129.32
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	928.59	126.45
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,185.19	180.13
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,265.41	197.95
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,542.64	209.10
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,274.28	172.43
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,377.97	186.80
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,714.85	239.45
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	2,053.70	299.34
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,349.01	296.00
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,688.78	360.15

27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	558.39	183.92
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*9.53*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	766.83	195.42
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.80*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	827.80	206.91
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.70*	

27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	715.88	160.93
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.70*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	780.66	163.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.65*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	780.05	166.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.33*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	799.91	169.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.04*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	819.54	172.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.73*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	840.76	175.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.51*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	720.23	178.18
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.19*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	882.03	181.05
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.00*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	912.78	183.92
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.25*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	939.68	186.80
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.30*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	946.49	189.67
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.36*	

27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	756.31	160.93
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.72*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	782.16	163.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.73*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	804.95	166.68
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.58*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	847.26	169.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.41*	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	868.29	172.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.17*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	891.12	175.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.03*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	771.17	178.18
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.74*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	935.48	181.05
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.67*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	968.76	183.92
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.05*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	997.87	186.80
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.21*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,004.77	189.67
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.27*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0054			35" Width, Universal Equipment Racks *(27 11 16 00-0029)*		
27 11 16 00-0055		EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	936.82	172.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.60*	
27 11 16 00-0056		EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	986.09	178.18
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.49*	
27 11 16 00-0057			UL Listed Universal Equipment Racks *(27 11 16 00-0028)*		
			Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058			19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*		
27 11 16 00-0059		EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	755.29	160.93
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.67*	
27 11 16 00-0060		EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	815.14	163.81
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.38*	
27 11 16 00-0061		EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	827.68	166.68
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.72*	
27 11 16 00-0062		EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	846.02	169.55
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.35*	
27 11 16 00-0063		EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	867.00	172.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.11*	
27 11 16 00-0064		EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	889.77	175.30
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.96*	
27 11 16 00-0065		EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	911.67	178.18
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.77*	
27 11 16 00-0066		EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	934.05	181.05
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.60*	
27 11 16 00-0067		EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	967.29	183.92
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.97*	
27 11 16 00-0068		EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	996.32	186.80
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.14*	
27 11 16 00-0069		EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	1,003.16	189.67
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.19*	
27 11 16 00-0070			23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*		
27 11 16 00-0071		EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	799.80	160.93
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.90*	
27 11 16 00-0072		EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	875.51	163.81
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.39*	
27 11 16 00-0073		EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	886.77	166.68
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.67*	
27 11 16 00-0074		EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	898.06	169.55
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.95*	
27 11 16 00-0075		EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	920.62	172.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.79*	
27 11 16 00-0076		EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	945.18	175.30
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.73*	
27 11 16 00-0077		EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	968.71	178.18
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.62*	
27 11 16 00-0078		EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	992.80	181.05
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.53*	
27 11 16 00-0079		EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,028.83	183.92
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.05*	
27 11 16 00-0080		EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,060.30	186.80
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.33*	
27 11 16 00-0081		EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,067.40	189.67
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.40*	
27 11 16 00-0082			4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)*		
27 11 16 00-0083			4-Post Equipment Racks *(27 11 16 00-0082)*		
27 11 16 00-0084		EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,521.64	287.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*47.34*	
27 11 16 00-0085		EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,659.54	298.88
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*53.09*	
27 11 16 00-0086		EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,789.70	310.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*58.45*	
27 11 16 00-0087			4-Post Server Frame *(27 11 16 00-0082)*		
27 11 16 00-0088		EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,563.28	287.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*49.43*	
27 11 16 00-0089			Cable Managers *(27 11 16 00-0021)*		
27 11 16 00-0090			Horizontal Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0091			Single-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0092		EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	87.43	11.50
27 11 16 00-0093		EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	97.20	11.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	73.22	11.50
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	88.90	11.50
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	104.03	11.50
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	80.94	11.50
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	119.39	11.50
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	135.71	11.50
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	96.40	11.50
27 11 16 00-0101		Double-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	108.26	11.50
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	121.15	11.50
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	113.84	11.50
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	132.29	11.50
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	146.92	11.50
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	164.36	11.50
27 11 16 00-0108		Vertical Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0109		Single-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	194.83	17.24
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	274.03	17.24
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	440.16	17.24
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	498.12	17.24
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	208.35	17.24
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	295.28	17.24
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	478.80	17.24
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	536.75	17.24
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	235.39	17.24
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	324.26	17.24
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	536.75	17.24
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	594.71	17.24
27 11 16 00-0122		Double-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	281.76	17.24
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	331.98	17.24
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	536.75	17.24
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	633.34	17.24
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	304.94	17.24
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	355.17	17.24
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	575.39	17.24
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	671.98	17.24
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	335.85	17.24
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	386.07	17.24
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	633.34	17.24
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	729.93	17.24
27 11 16 00-0135		Accessories For Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	119.58	11.50
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	127.31	11.50
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	135.03	11.50
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	123.44	11.50
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	135.03	11.50
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	146.62	11.50
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	138.90	11.50
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	150.49	11.50
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	162.08	11.50
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	146.62	11.50
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	162.08	11.50
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	173.67	11.50
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	100.26	11.50
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	115.72	11.50
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	120.93	11.50
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	77.08	11.50
27 11 16 00-0152		Cisco Switch Catalyst WS *(27 11 16)*		
27 11 16 00-0153	EA	10-Slot, Switch Chassis WS 4510R+E	15,542.87	
27 11 16 00-0154	EA	Supervisor Engine WS-X45-SUP8-E	29,716.77	
27 11 16 00-0155	EA	Service Module WS-X4748-RJ45-E Note: CATALYST 4500 E-SERIES 48-PORT 10/100/1000 NON-BLOCKING	10,597.58	
27 11 16 00-0156	EA	SFP Line Card WS-X4712-SFP-E Note: CATALYST 4500 E-SERIES 12-PORT 10GBE (SFP+)	9,085.63	
27 11 16 00-0157	EA	Power Supply PWR-45-1400A	2,294.39	
27 11 16 00-0158	EA	Single Mode SFP Module GLC-LH-SMD Note: 1000BASE-LX/LH SFP TRANSCEIVER MODULE, MMF/SMF, 1310NM, DOM	1,670.43	

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	240.43	57.48
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	347.49	57.48
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	448.79	57.48
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	543.19	57.48
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	852.81	71.85
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	996.67	86.21
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	323.54	57.48
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	354.39	57.48
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	593.84	57.48
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,093.37	86.21
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	782.55	86.21
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	821.03	86.21
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	274.75	57.48
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	40.73	
		For >5 To 10 Cables, Deduct	*-7.33*	
		For >10 Cables, Deduct	*-16.29*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	11.20	
		For >20 To 40 Pairs, Deduct	*-1.79*	
		For >40 Pairs, Deduct	*-4.26*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*
Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	133.97	25.86
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	197.98	25.86
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	292.68	25.86
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	432.62	43.11
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	601.22	43.11

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*
Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	457.78	43.11
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	514.18	43.11
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	553.50	43.11
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	648.51	43.11

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*
Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	560.07	43.11
		For Splice Tray Bracket, Add	*82.74*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	655.69	43.11
		For Splice Tray Bracket, Add	*90.48*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	816.84	43.11
		For Splice Tray Bracket, Add	*329.62*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*
Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	954.20	43.11
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,228.50	43.11
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,394.79	43.11
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,818.88	43.11

27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*
Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	633.30	25.86
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	876.43	43.11
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	919.60	43.11

27 11 19 00-0044 Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0019)*
Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	663.13	25.86
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	875.90	43.11
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,028.64	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0048		**Fiber Optic Cable Connector Panels** *(27 11 19 00-0018)*		
27 11 19 00-0049		**SC Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	87.29	5.75
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	94.70	5.75
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	106.20	5.75
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	116.08	5.75
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	144.06	5.75
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	158.83	5.75
27 11 19 00-0056		**SC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	84.02	5.75
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	85.76	5.75
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	101.86	5.75
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	104.18	5.75
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	137.54	5.75
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	140.98	5.75
27 11 19 00-0063		**LC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	121.61	5.75
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	133.75	5.75
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	149.47	5.75
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	165.67	5.75
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	150.88	5.75
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	168.32	5.75
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	261.04	5.75
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	293.36	5.75
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	372.56	5.75
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	279.31	5.75
27 11 19 00-0074		**ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	72.62	5.75
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	78.23	5.75
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	86.65	5.75
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	94.13	5.75
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	114.69	5.75
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	125.92	5.75
27 11 19 00-0081		**MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	90.18	5.75
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	134.75	5.75
27 11 19 00-0084		**Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,071.92	5.75
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,075.65	5.75
27 11 19 00-0087		**Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)*		
27 11 19 00-0088		**Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	391.19	57.48
27 11 19 00-0090		**Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	597.54	43.11
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	625.09	43.11
27 11 19 00-0093		**Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	113.27	14.37
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)* Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	209.72	43.11
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	62.42	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	82.78	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	90.63	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	101.11	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	534.80	57.48

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0103		Telephone Components *(27 11 19)*		
27 11 19 00-0104		Terminal Blocks With Wide Range Of 22-8 AWG *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	35.10	11.53
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	69.55	11.53
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	55.45	11.53
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	26.61	11.53
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	18.84	8.07
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	36.59	11.53
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	26.61	11.53
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	18.62	8.07
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	18.47	8.07
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	19.15	8.07
27 11 19 00-0115		Terminal Block Mounting Channel *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	18.63	5.76
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	24.39	5.76
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	34.54	5.76
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	24.05	6.91
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	33.64	6.91
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	49.54	6.91
27 11 19 00-0122		Outlet Termination Hardware *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	37.30	5.76
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box Note: Excludes box.	97.61	43.68
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	89.08	25.86
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	89.08	25.86
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	51.61	17.24
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	136.84	28.74
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	136.84	28.74
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	166.40	28.74
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	166.40	28.74
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	150.84	28.74
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,333.05	143.69
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	63.60	11.50
27 11 19 00-0135	EA	5-Pair, Connecting Block	3.74	1.15
27 11 19 00-0136	EA	4-Pair, Connecting Block	4.07	1.15
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	15.13	2.87
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	4.03	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	4.03	
27 11 19 00-0140		Terminations in Manhole or Junction Box *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	183.92	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	367.86	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	735.70	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,103.56	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,290.93	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,935.83	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,434.73	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,043.98	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	4,565.95	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	5,537.29	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	6,311.03	
27 11 23		**Communications Cable Management and Ladder Rack** *(27 11)*		
27 11 23 00-0001		Equipment Supports *(27 11 23)*		
27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	122.98	27.59
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	211.89	45.98
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	38.86	8.62
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	15.97	5.75
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	17.08	5.75
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	40.09	10.35
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	86.90	17.24
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	7.64	2.53
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	43.77	14.37
27 11 23 00-0011	EA	Black Neoprene Protective Cover For Cable Tray Stringers (Cooper B-Line SB21B)	69.17	2.88
27 11 23 00-0012	EA	3" Channel Rack-To-Cable Tray Mounting Plate For 9" To 12" Wide Cable Tray (Chatsworth 10595-712)	125.69	28.81
27 11 23 00-0013	EA	19" Wide, 11.73" Deep, Double Sided, Horizontal Wire Manager (Chatsworth 30530-719)	171.74	11.53
27 11 23 00-0014	EA	7' High, 10" Wide, 16.15" Deep, Double Sided, Vertical Wire Manager (Chatsworth 30096-703)	1,591.30	17.28
27 11 23 00-0015	EA	7' High, 10" Wide, 8.08" Deep, Vertical Wire Manager (Chatsworth 30093-703)	1,119.23	17.28
27 11 23 00-0016	EA	7' High, 19" Wide, 45U Standard EIA Rack (Chatsworth 55053-703)	436.41	115.25
27 11 23 00-0017	EA	Rack Base Dust Cover For 19" Wide, 3" Deep Two Post Racks (Chatsworth 41050-719)	67.75	1.16
27 11 23 00-0018	EA	Environmental Enclosure, NEMA 4x SS, 6' Free Standing	31,085.36	905.81
27 11 23 00-0019	EA	DVR Enclosure	2,146.95	226.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 23 00-0020	EA	Wall Mount Type 4X Enclosure 24.00x30.00x8.00 Stainless Steel Type 316	8,024.68	452.86
27 11 23 00-0021	EA	Panel, NEMA 12/27.00x21.00	560.24	113.22
27 11 23 00-0022	EA	Panel, NEMA 12/8.75x6.88	145.74	113.22
27 11 23 00-0023	EA	Clamp Assembly, Fast Opening, Stainless Steel Type 304	197.78	113.22
27 11 23 00-0024	EA	Wall-Mount Type 4x Enclosure 24.00x30.00x8.00 Stainless Steel Type 316	7,232.17	113.22
27 11 23 00-0025	EA	110 Jumper Trough (Commscope 107831133)	33.10	5.75
27 11 23 00-0026	EA	2" J-Hook, Cable Or Rod Attachment (Cooper B-Line BCH32-W6)	14.16	2.88
27 11 23 00-0027	EA	4" J-Hook, Screw Attachment (Cooper B-Line BCH64)	18.26	2.88
27 11 23 00-0028	EA	Stringer Multi-Function Clip (Cooper B-Line BW6S)	7.55	2.88
27 11 23 00-0029	LF	Velcro CMP	2.84	1.16

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,895.23	252.09
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,808.24	420.16
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	5,336.23	672.77

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non Shielded Copper Communications Cable	29.50
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	
		For >5 To 10, Deduct	*-3.44*
		For >10, Deduct	*-6.87*
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable	33.76
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	
		For >5 To 10, Deduct	*-3.87*
		For >10, Deduct	*-7.73*

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	5.75
		For >25-Pair, Deduct	*-2.29*
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	8.62
		For >25-Pair, Deduct	*-3.44*
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	13.80
		For >25-Pair, Deduct	*-5.50*
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	22.99
		For >25-Pair, Deduct	*-9.16*
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	34.49
		For >25-Pair, Deduct	*-13.75*
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	55.18
		For >25-Pair, Deduct	*-22.00*

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	60.82	14.37
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	107.48	14.37
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	12.41	5.75
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.16	2.87
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	7.33	2.87
27 13 13 13-0021	EA	100-Pair, 110 Jack Panel System	356.00	17.24
		Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 13 13-0022	EA	300-Pair, 110 Jack Panel System	584.36	17.24
		Note: Includes twelve 8-pin modular jacks and mounting legs.		

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002	EA	ST Connector For Multimode Fiber Optic Cable	34.48
27 13 23 13-0003	EA	ST Connector For Singlemode Fiber Optic Cable	40.19
27 13 23 13-0004	EA	SC Connector For Multimode Fiber Optic Cable	38.71
27 13 23 13-0005	EA	SC Connector For Singlemode Fiber Optic Cable	45.99
27 13 23 13-0006	EA	LC Connector For Multimode Fiber Optic Cable	53.22
27 13 23 13-0007	EA	LC Connector For Singlemode Fiber Optic Cable	54.92
27 13 23 13-0008	EA	MT-RJ Connector For Multimode Fiber Optic Cable	81.23

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	251.56	
27 13 23 13-0012	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	255.70	
27 13 23 13-0013	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	290.64	
27 13 23 13-0014	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	316.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0015		**Spider Fan Out Kits For Fiber Optic Cable** *(27 13 23 13-0009)*		
		Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0016	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	302.53	
27 13 23 13-0017	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	330.29	
27 13 23 13-0018	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	481.57	
27 13 23 13-0019	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	624.28	
27 13 23 13-0020		**Fiber Optic Cable Splice Closures** *(27 13 23 13)*		
		Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	990.67	114.95
27 13 23 13-0022	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,220.59	229.90
27 13 23 13-0023	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,220.59	229.90
27 13 23 13-0024	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,679.05	114.95
27 13 23 13-0025	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,908.97	229.90
27 13 23 13-0026	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,908.97	229.90
27 13 23 13-0027	EA	Splice Tray For Fiber Optic Cable Splice Closure	67.09	14.37
		Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.		
27 13 23 13-0028		**Fiber Optic Cable Testing** *(27 13 23 13)*		
		Note: Price based on testing one wavelength.		
27 13 23 13-0029		**Fiber Optic Cable Testing Using An OTDR** *(27 13 23 13-0028)*		
		Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	22.99	
		For >12 To 48 Strands, Deduct	*-1.72*	
		For >48 Strands, Deduct	*-2.30*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	34.49	
		For >12 To 48 Strands, Deduct	*-2.59*	
		For >48 Strands, Deduct	*-3.45*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	57.48	
		For >12 To 48 Strands, Deduct	*-4.31*	
		For >48 Strands, Deduct	*-5.75*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	86.21	
		For >12 To 48 Strands, Deduct	*-6.47*	
		For >48 Strands, Deduct	*-8.62*	
27 13 23 13-0034		**Fiber Optic Cable Testing Using A Power Meter** *(27 13 23 13-0028)*		
27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	22.99	
		For >12 To 48 Strands, Deduct	*-1.72*	
		For >48 Strands, Deduct	*-2.30*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	34.49	
		For >12 To 48 Strands, Deduct	*-2.59*	
		For >48 Strands, Deduct	*-3.45*	
27 13 23 13-0037		**Fiber Optic Cable Light Source/Continuity Testing** *(27 13 23 13-0028)*		
27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	22.99	
		For >12 To 48 Strands, Deduct	*-1.72*	
		For >48 Strands, Deduct	*-2.30*	
27 13 23 13-0039		**Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	34.49	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	114.95	
27 13 23 13-0042		**Other Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	43.56	21.62
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	8,214.39	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 16		**Voice Communications Horizontal Cabling** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.		
27 15 01 17		**Intrusion Detection Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.		
27 15 01 19		**Fire Alarm Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 01 19-0001		Fire Alarm/Life Safety Cable *(27 15 01 19)*		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,951.68	782.14
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,428.54	810.42
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,226.07	889.06
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,989.07	920.78
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,563.05	995.27
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,651.79	1,031.13
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,312.37	1,138.05
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	5,007.13	1,178.62
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,255.26	1,564.53
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,779.25	1,620.86
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,707.83	1,778.34
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,523.71	1,841.57
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,221.84	1,991.01
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,370.35	2,062.28
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,209.12	2,276.10
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	6,971.70	2,357.71
27 15 01 19-0021		Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*		
27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,207.75	640.07
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,312.30	662.83
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,468.55	782.14
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,574.23	796.28
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,637.27	810.42
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,844.15	838.70
27 15 01 19-0028	MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,143.58	866.98
27 15 01 19-0029	MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,718.32	889.06
27 15 01 19-0030	MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,949.24	920.78
27 15 01 19-0031	MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,997.81	995.27
27 15 01 19-0032	MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,361.44	1,031.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0033	MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,454.42	1,138.05
27 15 01 19-0034	MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,044.49	1,178.62
27 15 01 19-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,196.66	640.07
27 15 01 19-0038	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,461.34	782.14
27 15 01 19-0039	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,643.90	796.28
27 15 01 19-0040	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,656.56	810.42
27 15 01 19-0041	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,944.82	838.70
27 15 01 19-0042	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,707.42	889.06
27 15 01 19-0043	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,973.68	920.78
27 15 01 19-0044	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,948.79	995.27
27 15 01 19-0045	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,556.28	1,031.13
27 15 01 19-0046	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,438.40	1,138.05
27 15 01 19-0047	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,340.28	1,178.62
27 15 01 19-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,263.43	1,280.59
27 15 01 19-0050	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,764.92	1,564.53
27 15 01 19-0051	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,970.47	1,592.12
27 15 01 19-0052	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,007.27	1,620.86
27 15 01 19-0053	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,342.65	1,677.18
27 15 01 19-0054	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,189.18	1,778.34
27 15 01 19-0055	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,508.32	1,841.57
27 15 01 19-0056	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,607.58	1,991.01
27 15 01 19-0057	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,274.84	2,062.28
27 15 01 19-0058	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,335.15	2,276.10
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,304.85	2,357.71
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,242.33	640.07
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,493.96	782.14
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,764.96	796.28
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,689.93	810.42
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,978.95	838.70
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,782.38	889.06
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,008.35	920.78
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,110.46	995.27
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,475.21	1,031.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,558.03	1,138.05
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,094.15	1,178.62
27 15 01 19-0073		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0060)*		
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,309.10	1,280.59
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,797.54	1,564.53
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,091.53	1,592.12
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,040.64	1,620.86
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,376.78	1,677.18
27 15 01 19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,264.14	1,778.34
27 15 01 19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,542.99	1,841.57
27 15 01 19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,769.25	1,991.01
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,193.77	2,062.28
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,454.78	2,276.10
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,058.72	2,357.71
27 15 01 19-0085		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0086		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0085)*		
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,191.71	640.07
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,501.16	782.14
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,622.51	796.28
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,724.46	810.42
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,947.77	838.70
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,732.33	889.06
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,037.89	920.78
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,030.61	995.27
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,580.65	1,031.13
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,444.73	1,138.05
27 15 01 19-0097		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0085)*		
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,258.48	1,280.59
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,804.74	1,564.53
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,949.08	1,592.12
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,075.17	1,620.86
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,345.60	1,677.18
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,214.09	1,778.34
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,572.53	1,841.57
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,689.40	1,991.01
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,299.21	2,062.28
27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,341.48	2,276.10

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 13 00-0001		Solid Conductor Low Voltage Cable *(27 15 13)*		
27 15 13 00-0002		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0003		#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0004	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,027.17	1,039.88
		For #10 AWG, Add	*443.64*	
		For Work In Restricted Working Space, Add	*519.98*	
27 15 13 00-0005	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,337.26	1,076.64
		For #10 AWG, Add	*537.95*	
		For Work In Restricted Working Space, Add	*538.48*	
27 15 13 00-0006	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,612.46	1,114.46
		For #10 AWG, Add	*620.71*	
		For Work In Restricted Working Space, Add	*557.07*	
27 15 13 00-0007	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,903.26	1,152.27
		For #10 AWG, Add	*708.34*	
		For Work In Restricted Working Space, Add	*576.31*	
27 15 13 00-0008	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,246.07	1,230.00
		For #10 AWG, Add	*804.62*	
		For Work In Restricted Working Space, Add	*615.18*	
27 15 13 00-0009	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,562.92	1,306.68
		For #10 AWG, Add	*892.58*	
		For Work In Restricted Working Space, Add	*653.51*	
27 15 13 00-0010	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,894.43	1,462.13
		For #10 AWG, Add	*968.43*	
		For Work In Restricted Working Space, Add	*730.93*	
27 15 13 00-0011	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,155.81	1,927.45
		For #10 AWG, Add	*1,283.88*	
		For Work In Restricted Working Space, Add	*963.54*	
27 15 13 00-0012	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,659.03	2,846.54
		For #10 AWG, Add	*1,910.89*	
		For Work In Restricted Working Space, Add	*1,422.90*	
27 15 13 00-0013		#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0014	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,796.51	909.63
		For Work In Restricted Working Space, Add	*454.71*	
27 15 13 00-0015	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,088.49	942.19
		For Work In Restricted Working Space, Add	*471.10*	
27 15 13 00-0016	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,346.87	974.75
		For Work In Restricted Working Space, Add	*487.49*	
27 15 13 00-0017	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,619.09	1,008.37
		For Work In Restricted Working Space, Add	*504.18*	
27 15 13 00-0018	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,936.28	1,076.64
		For Work In Restricted Working Space, Add	*538.22*	
27 15 13 00-0019	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,228.28	1,143.86
		For Work In Restricted Working Space, Add	*571.62*	
27 15 13 00-0020	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,525.35	1,279.37
		For Work In Restricted Working Space, Add	*639.68*	
27 15 13 00-0021	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,667.20	1,685.86
		For Work In Restricted Working Space, Add	*842.93*	
27 15 13 00-0022	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,937.27	2,490.46
		For Work In Restricted Working Space, Add	*1,245.33*	
27 15 13 00-0023		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0024	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,601.21	811.95
		For Work In Restricted Working Space, Add	*406.18*	
27 15 13 00-0025	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,799.04	841.36
		For Work In Restricted Working Space, Add	*420.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0026	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,086.30	870.77
		For Work In Restricted Working Space, Add	*435.17*	
27 15 13 00-0027	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,327.43	900.18
		For Work In Restricted Working Space, Add	*450.30*	
27 15 13 00-0028	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,607.67	961.10
		For Work In Restricted Working Space, Add	*480.55*	
27 15 13 00-0029	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,866.56	1,020.97
		For Work In Restricted Working Space, Add	*510.49*	
27 15 13 00-0030	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,998.30	1,081.89
		For Work In Restricted Working Space, Add	*540.74*	
27 15 13 00-0031	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,131.09	1,142.82
		For Work In Restricted Working Space, Add	*571.30*	
27 15 13 00-0032	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,456.34	1,215.29
		For Work In Restricted Working Space, Add	*607.54*	
27 15 13 00-0033	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,144.50	1,505.19
		For Work In Restricted Working Space, Add	*752.65*	
27 15 13 00-0034	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,159.76	2,223.66
		For Work In Restricted Working Space, Add	*1,111.88*	

27 15 13 00-0035 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0036	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,365.73	715.31
		For Work In Restricted Working Space, Add	*357.34*	
27 15 13 00-0037	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,556.39	740.52
		For Work In Restricted Working Space, Add	*370.26*	
27 15 13 00-0038	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,726.15	765.73
		For Work In Restricted Working Space, Add	*383.18*	
27 15 13 00-0039	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,903.86	791.99
		For Work In Restricted Working Space, Add	*396.10*	
27 15 13 00-0040	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,119.83	845.56
		For Work In Restricted Working Space, Add	*422.88*	
27 15 13 00-0041	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,320.40	898.08
		For Work In Restricted Working Space, Add	*449.36*	
27 15 13 00-0042	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,541.55	1,005.22
		For Work In Restricted Working Space, Add	*502.61*	
27 15 13 00-0043	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,362.83	1,324.53
		For Work In Restricted Working Space, Add	*662.37*	
27 15 13 00-0044	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,993.82	1,956.86
		For Work In Restricted Working Space, Add	*978.43*	

27 15 13 00-0045 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0046	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,217.12	650.19
		For Work In Restricted Working Space, Add	*324.89*	
27 15 13 00-0047	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,370.14	673.29
		For Work In Restricted Working Space, Add	*336.54*	
27 15 13 00-0048	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,505.62	696.93
		For Work In Restricted Working Space, Add	*348.20*	
27 15 13 00-0049	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,647.79	720.56
		For Work In Restricted Working Space, Add	*360.18*	
27 15 13 00-0050	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,826.73	768.88
		For Work In Restricted Working Space, Add	*384.28*	
27 15 13 00-0051	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,993.42	817.20
		For Work In Restricted Working Space, Add	*408.39*	
27 15 13 00-0052	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,198.40	913.83
		For Work In Restricted Working Space, Add	*456.92*	
27 15 13 00-0053	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,894.82	1,204.79
		For Work In Restricted Working Space, Add	*602.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0054	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,296.54	1,779.35
		For Work In Restricted Working Space, Add	*889.57*	
27 15 13 00-0055	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,517.15	1,821.36
		For Work In Restricted Working Space, Add	*910.68*	
27 15 13 00-0056	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,349.97	2,120.73
		For Work In Restricted Working Space, Add	*1,060.37*	
27 15 13 00-0057	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,736.61	2,269.88
		For Work In Restricted Working Space, Add	*1,135.04*	
27 15 13 00-0058	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,939.65	2,837.08
		For Work In Restricted Working Space, Add	*1,418.33*	
27 15 13 00-0059	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,354.57	3,735.16
		For Work In Restricted Working Space, Add	*1,867.36*	

27 15 13 00-0060 #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0061	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,044.94	585.06
		For Work In Restricted Working Space, Add	*292.43*	
27 15 13 00-0062	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,105.46	606.07
		For Work In Restricted Working Space, Add	*302.82*	
27 15 13 00-0063	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,176.89	627.08
		For Work In Restricted Working Space, Add	*313.54*	
27 15 13 00-0064	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,253.23	648.08
		For Work In Restricted Working Space, Add	*324.25*	
27 15 13 00-0065	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,374.48	692.20
		For Work In Restricted Working Space, Add	*346.00*	
27 15 13 00-0066	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,495.47	733.16
		For Work In Restricted Working Space, Add	*366.80*	

27 15 13 00-0067 Triad *(27 15 13 00-0002)*

27 15 13 00-0068	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	2,914.73	870.77
27 15 13 00-0069	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,767.97	1,204.79
27 15 13 00-0070	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	5,930.60	1,779.35
27 15 13 00-0071	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	7,426.60	2,120.73
27 15 13 00-0072	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	12,240.39	3,285.60
27 15 13 00-0073	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	14,101.29	3,735.16

27 15 13 00-0074 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*

27 15 13 00-0075 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0076	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,760.45	2,079.76
		For #10 AWG, Add	*790.30*	
		For Work In Restricted Working Space, Add	*1,039.97*	
27 15 13 00-0077	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,132.20	2,153.29
		For #10 AWG, Add	*896.94*	
		For Work In Restricted Working Space, Add	*1,076.96*	
27 15 13 00-0078	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,469.36	2,228.91
		For #10 AWG, Add	*992.09*	
		For Work In Restricted Working Space, Add	*1,114.14*	
27 15 13 00-0079	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,824.29	2,304.55
		For #10 AWG, Add	*1,092.55*	
		For Work In Restricted Working Space, Add	*1,152.62*	
27 15 13 00-0080	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,296.66	2,460.00
		For #10 AWG, Add	*1,214.74*	
		For Work In Restricted Working Space, Add	*1,230.36*	
27 15 13 00-0081	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,741.29	2,613.36
		For #10 AWG, Add	*1,328.25*	
		For Work In Restricted Working Space, Add	*1,307.02*	
27 15 13 00-0082	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,330.86	2,924.26
		For #10 AWG, Add	*1,455.71*	
		For Work In Restricted Working Space, Add	*1,461.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0083	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,367.61	3,854.90
		For #10 AWG, Add	*1,926.24*	
		For Work In Restricted Working Space, Add	*1,927.08*	
27 15 13 00-0084	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,402.03	5,693.07
		For #10 AWG, Add	*2,859.49*	
		For Work In Restricted Working Space, Add	*2,845.80*	

27 15 13 00-0085 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0086	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,312.20	1,819.27
		For Work In Restricted Working Space, Add	*909.42*	
27 15 13 00-0087	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,658.81	1,884.39
		For Work In Restricted Working Space, Add	*942.19*	
27 15 13 00-0088	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,971.80	1,949.51
		For Work In Restricted Working Space, Add	*974.96*	
27 15 13 00-0089	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,299.71	2,016.74
		For Work In Restricted Working Space, Add	*1,008.37*	
27 15 13 00-0090	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,730.33	2,153.29
		For Work In Restricted Working Space, Add	*1,076.43*	
27 15 13 00-0091	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,133.68	2,287.74
		For Work In Restricted Working Space, Add	*1,143.24*	
27 15 13 00-0092	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,657.64	2,558.74
		For Work In Restricted Working Space, Add	*1,279.37*	
27 15 13 00-0093	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,476.97	3,371.73
		For Work In Restricted Working Space, Add	*1,685.86*	
27 15 13 00-0094	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,088.38	4,980.91
		For Work In Restricted Working Space, Add	*2,490.67*	

27 15 13 00-0095 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0096	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,955.16	1,623.89
		For Work In Restricted Working Space, Add	*812.37*	
27 15 13 00-0097	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,201.30	1,682.72
		For Work In Restricted Working Space, Add	*841.36*	
27 15 13 00-0098	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,536.88	1,741.53
		For Work In Restricted Working Space, Add	*870.35*	
27 15 13 00-0099	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,828.43	1,800.36
		For Work In Restricted Working Space, Add	*900.60*	
27 15 13 00-0100	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,209.51	1,922.20
		For Work In Restricted Working Space, Add	*961.10*	
27 15 13 00-0101	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,568.18	2,041.94
		For Work In Restricted Working Space, Add	*1,020.97*	
27 15 13 00-0102	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,800.76	2,163.79
		For Work In Restricted Working Space, Add	*1,081.48*	
27 15 13 00-0103	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,035.44	2,285.63
		For Work In Restricted Working Space, Add	*1,142.61*	
27 15 13 00-0104	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,481.48	2,430.58
		For Work In Restricted Working Space, Add	*1,215.08*	
27 15 13 00-0105	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,653.34	3,010.40
		For Work In Restricted Working Space, Add	*1,505.30*	
27 15 13 00-0106	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,866.04	4,447.32
		For Work In Restricted Working Space, Add	*2,223.77*	

27 15 13 00-0107 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0108	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,556.87	1,430.63
		For Work In Restricted Working Space, Add	*714.68*	
27 15 13 00-0109	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,790.59	1,481.04
		For Work In Restricted Working Space, Add	*740.52*	

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27 15 13 00-0110	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,003.41	1,531.46
		For Work In Restricted Working Space, Add	*766.36*	
27 15 13 00-0111	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,224.20	1,583.98
		For Work In Restricted Working Space, Add	*792.20*	
27 15 13 00-0112	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,529.45	1,691.11
		For Work In Restricted Working Space, Add	*845.77*	
27 15 13 00-0113	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,818.24	1,796.15
		For Work In Restricted Working Space, Add	*898.71*	
27 15 13 00-0114	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,216.91	2,010.43
		For Work In Restricted Working Space, Add	*1,005.22*	
27 15 13 00-0115	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,570.74	2,649.07
		For Work In Restricted Working Space, Add	*1,324.74*	
27 15 13 00-0116	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,255.25	3,913.73
		For Work In Restricted Working Space, Add	*1,956.86*	

27 15 13 00-0117 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0118	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,300.06	1,300.37
		For Work In Restricted Working Space, Add	*649.77*	
27 15 13 00-0119	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,491.95	1,346.59
		For Work In Restricted Working Space, Add	*673.09*	
27 15 13 00-0120	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,666.29	1,393.86
		For Work In Restricted Working Space, Add	*696.40*	
27 15 13 00-0121	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,848.37	1,441.13
		For Work In Restricted Working Space, Add	*720.35*	
27 15 13 00-0122	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,107.68	1,537.76
		For Work In Restricted Working Space, Add	*768.57*	
27 15 13 00-0123	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,354.71	1,634.39
		For Work In Restricted Working Space, Add	*816.78*	
27 15 13 00-0124	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,721.45	1,827.67
		For Work In Restricted Working Space, Add	*913.83*	
27 15 13 00-0125	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,902.10	2,409.58
		For Work In Restricted Working Space, Add	*1,204.37*	
27 15 13 00-0126	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,261.75	3,558.70
		For Work In Restricted Working Space, Add	*1,779.13*	
27 15 13 00-0127	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,552.74	3,642.73
		For Work In Restricted Working Space, Add	*1,821.36*	
27 15 13 00-0128	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,884.52	4,241.44
		For Work In Restricted Working Space, Add	*2,120.73*	
27 15 13 00-0129	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,520.09	4,539.75
		For Work In Restricted Working Space, Add	*2,270.08*	
27 15 13 00-0130	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,667.39	5,674.17
		For Work In Restricted Working Space, Add	*2,836.65*	
27 15 13 00-0131	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	15,579.10	7,470.32
		For Work In Restricted Working Space, Add	*3,734.72*	

27 15 13 00-0132 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0133	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,019.70	1,170.13
		For Work In Restricted Working Space, Add	*584.85*	
27 15 13 00-0134	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,114.89	1,212.14
		For Work In Restricted Working Space, Add	*605.65*	
27 15 13 00-0135	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,222.02	1,254.16
		For Work In Restricted Working Space, Add	*627.08*	
27 15 13 00-0136	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,334.08	1,296.18
		For Work In Restricted Working Space, Add	*648.51*	
27 15 13 00-0137	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,527.80	1,384.40
		For Work In Restricted Working Space, Add	*691.99*	

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27 15 13 00-0138	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,718.11	1,466.34
		For Work In Restricted Working Space, Add	*733.59*	

27 15 13 00-0139 Triad, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0140	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	2,914.73	870.77
27 15 13 00-0141	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,767.97	1,204.79
27 15 13 00-0142	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	5,930.60	1,779.35
27 15 13 00-0143	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,426.60	2,120.73
27 15 13 00-0144	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	12,240.39	3,285.60
27 15 13 00-0145	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	14,101.29	3,735.16

27 15 13 00-0146 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0147 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*

27 15 13 00-0148	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,729.84	909.63
		For Work In Restricted Working Space, Add	*454.71*	
27 15 13 00-0149	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,965.47	942.19
		For Work In Restricted Working Space, Add	*471.10*	
27 15 13 00-0150	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,175.47	974.75
		For Work In Restricted Working Space, Add	*487.49*	
27 15 13 00-0151	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,396.27	1,008.37
		For Work In Restricted Working Space, Add	*504.18*	
27 15 13 00-0152	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,662.99	1,075.59
		For Work In Restricted Working Space, Add	*537.59*	
27 15 13 00-0153	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,913.15	1,142.82
		For Work In Restricted Working Space, Add	*571.31*	
27 15 13 00-0154	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,194.59	1,279.37
		For Work In Restricted Working Space, Add	*639.68*	
27 15 13 00-0155	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,226.19	1,685.86
		For Work In Restricted Working Space, Add	*842.93*	
27 15 13 00-0156	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,275.76	2,490.46
		For Work In Restricted Working Space, Add	*1,245.33*	

27 15 13 00-0157 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*

27 15 13 00-0158	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,542.50	811.95
		For Work In Restricted Working Space, Add	*406.18*	
27 15 13 00-0159	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,750.22	841.36
		For Work In Restricted Working Space, Add	*420.68*	
27 15 13 00-0160	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,935.36	870.77
		For Work In Restricted Working Space, Add	*435.17*	
27 15 13 00-0161	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,131.21	900.18
		For Work In Restricted Working Space, Add	*450.30*	
27 15 13 00-0162	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,367.82	960.05
		For Work In Restricted Working Space, Add	*480.24*	
27 15 13 00-0163	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,589.97	1,020.97
		For Work In Restricted Working Space, Add	*510.49*	
27 15 13 00-0164	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,714.38	1,081.89
		For Work In Restricted Working Space, Add	*540.74*	
27 15 13 00-0165	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,900.29	1,142.82
		For Work In Restricted Working Space, Add	*571.30*	
27 15 13 00-0166	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,186.97	1,215.29
		For Work In Restricted Working Space, Add	*607.51*	
27 15 13 00-0167	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,756.15	1,505.19
		For Work In Restricted Working Space, Add	*752.65*	
27 15 13 00-0168	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,577.76	2,223.66
		For Work In Restricted Working Space, Add	*1,112.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0169		#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0170	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,348.50	714.26
		For Work In Restricted Working Space, Add	*357.34*	
27 15 13 00-0171	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,516.39	740.52
		For Work In Restricted Working Space, Add	*370.26*	
27 15 13 00-0172	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,624.57	766.78
		For Work In Restricted Working Space, Add	*383.18*	
27 15 13 00-0173	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,765.32	791.99
		For Work In Restricted Working Space, Add	*396.10*	
27 15 13 00-0174	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,941.42	845.56
		For Work In Restricted Working Space, Add	*422.88*	
27 15 13 00-0175	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,116.49	899.13
		For Work In Restricted Working Space, Add	*449.36*	
27 15 13 00-0176	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,521.92	1,005.22
		For Work In Restricted Working Space, Add	*502.61*	
27 15 13 00-0177	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,281.74	1,324.53
		For Work In Restricted Working Space, Add	*662.37*	
27 15 13 00-0178	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,434.29	1,956.86
		For Work In Restricted Working Space, Add	*978.43*	
27 15 13 00-0179		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0180	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,194.04	650.19
		For Work In Restricted Working Space, Add	*324.89*	
27 15 13 00-0181	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,311.18	673.29
		For Work In Restricted Working Space, Add	*336.54*	
27 15 13 00-0182	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,540.32	766.78
		For Work In Restricted Working Space, Add	*383.18*	
27 15 13 00-0183	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,684.46	806.07
		For Work In Restricted Working Space, Add	*403.03*	
27 15 13 00-0184	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,825.81	845.56
		For Work In Restricted Working Space, Add	*422.88*	
27 15 13 00-0185	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,979.88	899.13
		For Work In Restricted Working Space, Add	*449.36*	
27 15 13 00-0186	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,183.00	1,000.60
		For Work In Restricted Working Space, Add	*500.40*	
27 15 13 00-0187	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,684.09	1,204.79
		For Work In Restricted Working Space, Add	*602.18*	
27 15 13 00-0188	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,980.45	1,779.35
		For Work In Restricted Working Space, Add	*889.57*	
27 15 13 00-0189	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,165.39	1,821.36
		For Work In Restricted Working Space, Add	*910.68*	
27 15 13 00-0190	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,918.94	2,120.73
		For Work In Restricted Working Space, Add	*1,060.37*	
27 15 13 00-0191	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,272.87	2,269.88
		For Work In Restricted Working Space, Add	*1,135.04*	
27 15 13 00-0192	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,414.49	2,837.08
		For Work In Restricted Working Space, Add	*1,418.33*	
27 15 13 00-0193	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,611.41	3,735.16
		For Work In Restricted Working Space, Add	*1,867.36*	
27 15 13 00-0194		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0195	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,048.40	585.06
		For Work In Restricted Working Space, Add	*292.43*	
27 15 13 00-0196	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,110.19	606.07
		For Work In Restricted Working Space, Add	*302.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0197	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,188.43	627.08
		For Work In Restricted Working Space, Add	*313.54*	
27 15 13 00-0198	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,272.95	648.08
		For Work In Restricted Working Space, Add	*324.25*	
27 15 13 00-0199	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,391.10	692.20
		For Work In Restricted Working Space, Add	*346.00*	
27 15 13 00-0200	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,515.97	733.16
		For Work In Restricted Working Space, Add	*366.80*	
27 15 13 00-0201		**Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0001)*		
27 15 13 00-0202		**#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0203	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,245.53	1,819.27
		For Work In Restricted Working Space, Add	*909.42*	
27 15 13 00-0204	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,535.78	1,884.39
		For Work In Restricted Working Space, Add	*942.19*	
27 15 13 00-0205	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,800.40	1,949.51
		For Work In Restricted Working Space, Add	*974.96*	
27 15 13 00-0206	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,076.89	2,016.74
		For Work In Restricted Working Space, Add	*1,008.37*	
27 15 13 00-0207	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,454.93	2,151.19
		For Work In Restricted Working Space, Add	*1,075.17*	
27 15 13 00-0208	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,817.49	2,285.63
		For Work In Restricted Working Space, Add	*1,142.61*	
27 15 13 00-0209	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,326.88	2,558.74
		For Work In Restricted Working Space, Add	*1,279.37*	
27 15 13 00-0210	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,035.96	3,371.73
		For Work In Restricted Working Space, Add	*1,685.86*	
27 15 13 00-0211	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,426.87	4,980.91
		For Work In Restricted Working Space, Add	*2,490.67*	
27 15 13 00-0212		**#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0213	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,896.45	1,623.89
		For Work In Restricted Working Space, Add	*812.37*	
27 15 13 00-0214	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,152.48	1,682.72
		For Work In Restricted Working Space, Add	*841.36*	
27 15 13 00-0215	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,385.94	1,741.53
		For Work In Restricted Working Space, Add	*870.35*	
27 15 13 00-0216	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,632.21	1,800.36
		For Work In Restricted Working Space, Add	*900.60*	
27 15 13 00-0217	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,968.60	1,920.10
		For Work In Restricted Working Space, Add	*960.47*	
27 15 13 00-0218	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,291.59	2,041.94
		For Work In Restricted Working Space, Add	*1,020.97*	
27 15 13 00-0219	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,516.84	2,163.79
		For Work In Restricted Working Space, Add	*1,081.48*	
27 15 13 00-0220	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,804.64	2,285.63
		For Work In Restricted Working Space, Add	*1,142.61*	
27 15 13 00-0221	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,212.01	2,430.58
		For Work In Restricted Working Space, Add	*1,215.02*	
27 15 13 00-0222	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,264.99	3,010.40
		For Work In Restricted Working Space, Add	*1,505.30*	
27 15 13 00-0223	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,284.54	4,447.32
		For Work In Restricted Working Space, Add	*2,224.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0224		#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0225	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,539.64	1,428.52
		For Work In Restricted Working Space, Add	*714.68*	
27 15 13 00-0226	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,750.59	1,481.04
		For Work In Restricted Working Space, Add	*740.52*	
27 15 13 00-0227	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,901.83	1,533.56
		For Work In Restricted Working Space, Add	*766.36*	
27 15 13 00-0228	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,085.66	1,583.98
		For Work In Restricted Working Space, Add	*792.20*	
27 15 13 00-0229	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,351.04	1,691.11
		For Work In Restricted Working Space, Add	*845.77*	
27 15 13 00-0230	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,614.33	1,798.25
		For Work In Restricted Working Space, Add	*898.71*	
27 15 13 00-0231	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,197.28	2,010.43
		For Work In Restricted Working Space, Add	*1,005.22*	
27 15 13 00-0232	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,489.65	2,649.07
		For Work In Restricted Working Space, Add	*1,324.74*	
27 15 13 00-0233	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,695.72	3,913.73
		For Work In Restricted Working Space, Add	*1,956.86*	
27 15 13 00-0234		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0235	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,276.98	1,300.37
		For Work In Restricted Working Space, Add	*649.77*	
27 15 13 00-0236	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,432.99	1,346.59
		For Work In Restricted Working Space, Add	*673.09*	
27 15 13 00-0237	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,817.58	1,533.56
		For Work In Restricted Working Space, Add	*766.36*	
27 15 13 00-0238	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,027.90	1,612.12
		For Work In Restricted Working Space, Add	*806.06*	
27 15 13 00-0239	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,235.43	1,691.11
		For Work In Restricted Working Space, Add	*845.77*	
27 15 13 00-0240	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,477.72	1,798.25
		For Work In Restricted Working Space, Add	*898.71*	
27 15 13 00-0241	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,851.01	2,001.19
		For Work In Restricted Working Space, Add	*1,000.81*	
27 15 13 00-0242	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,691.37	2,409.58
		For Work In Restricted Working Space, Add	*1,204.37*	
27 15 13 00-0243	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,945.66	3,558.70
		For Work In Restricted Working Space, Add	*1,779.13*	
27 15 13 00-0244	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,200.98	3,642.73
		For Work In Restricted Working Space, Add	*1,821.36*	
27 15 13 00-0245	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,453.49	4,241.44
		For Work In Restricted Working Space, Add	*2,120.73*	
27 15 13 00-0246	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,056.35	4,539.75
		For Work In Restricted Working Space, Add	*2,270.08*	
27 15 13 00-0247	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,142.23	5,674.17
		For Work In Restricted Working Space, Add	*2,836.65*	
27 15 13 00-0248	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,835.94	7,470.32
		For Work In Restricted Working Space, Add	*3,734.72*	
27 15 13 00-0249		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0250	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,023.16	1,170.13
		For Work In Restricted Working Space, Add	*584.85*	
27 15 13 00-0251	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,119.62	1,212.14
		For Work In Restricted Working Space, Add	*605.65*	

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27 15 13 00-0252	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,233.56	1,254.16
		For Work In Restricted Working Space, Add	*627.08*	
27 15 13 00-0253	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,353.80	1,296.18
		For Work In Restricted Working Space, Add	*648.51*	
27 15 13 00-0254	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,544.42	1,384.40
		For Work In Restricted Working Space, Add	*691.99*	
27 15 13 00-0255	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,738.61	1,466.34
		For Work In Restricted Working Space, Add	*733.59*	

27 15 13 00-0256 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench *(27 15 13 00-0001)*

Note: Excludes excavation.

27 15 13 00-0257	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,676.69	
27 15 13 00-0258	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,963.04	
27 15 13 00-0259	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,217.06	
27 15 13 00-0260	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,485.42	
27 15 13 00-0261	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,793.31	
27 15 13 00-0262	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,077.10	

27 15 13 00-0263 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) *(27 15 13 00-0001)*

27 15 13 00-0264	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,771.89	567.09
27 15 13 00-0265	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,115.77	607.56
27 15 13 00-0266	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,741.46	768.07
27 15 13 00-0267	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,274.39	888.37
27 15 13 00-0268	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	10,463.93	1,012.55
27 15 13 00-0269	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	12,436.96	1,293.61

27 15 13 00-0270 Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0271	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,547.36	811.95
27 15 13 00-0272	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,858.76	841.36
27 15 13 00-0273	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,078.73	870.77
27 15 13 00-0274	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,197.62	900.18
27 15 13 00-0275	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,628.96	960.05
27 15 13 00-0276	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,842.87	1,020.97
27 15 13 00-0277	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,547.74	1,142.82
27 15 13 00-0278	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,413.76	1,505.19
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,696.88	2,223.66
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,337.86	714.26
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,593.66	740.52
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,805.64	766.78
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,911.68	791.99
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,280.31	845.56
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,556.86	899.13
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,887.29	1,005.22
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,732.68	1,324.53
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,951.25	1,956.86
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,183.38	650.19
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,346.41	673.29
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,504.46	696.41
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,605.05	720.56
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,746.60	768.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,905.33	817.20
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,133.86	913.83
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,938.54	1,204.79
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,461.16	1,779.35
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,700.24	1,821.36
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,544.00	2,120.73
27 15 13 00-0300	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,978.14	2,269.88
27 15 13 00-0301	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,213.18	2,837.08
27 15 13 00-0302	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,741.64	3,735.16
27 15 13 00-0303	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	18,795.52	6,880.01
27 15 13 00-0304	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	28,278.69	9,104.72
27 15 13 00-0305	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	37,804.98	11,473.34
27 15 13 00-0306	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	53,205.77	15,737.89
27 15 13 00-0307	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,147.20	650.19
27 15 13 00-0308	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,265.48	673.29
27 15 13 00-0309	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,380.59	696.41
27 15 13 00-0310	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,459.31	720.56
27 15 13 00-0311	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,579.01	768.88
27 15 13 00-0312	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,709.30	817.20
27 15 13 00-0313	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,913.77	913.83
27 15 13 00-0314	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,602.99	1,204.79
27 15 13 00-0315	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,922.15	1,779.35
27 15 13 00-0316	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,100.43	1,821.36
27 15 13 00-0317	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,839.44	2,120.73
27 15 13 00-0318	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,187.34	2,269.88
27 15 13 00-0319	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,317.62	2,837.08
27 15 13 00-0320	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,474.35	3,735.16
27 15 13 00-0321	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,113.60	6,880.01
27 15 13 00-0322	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	23,543.71	9,104.72
27 15 13 00-0323	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,055.79	11,473.34
27 15 13 00-0324	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	43,462.08	15,737.89

27 15 13 00-0325 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0326	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,556.81	811.95
27 15 13 00-0327	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,766.03	841.36
27 15 13 00-0328	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,898.30	870.77
27 15 13 00-0329	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,073.58	900.18
27 15 13 00-0330	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,287.40	960.05
27 15 13 00-0331	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,499.12	1,020.97
27 15 13 00-0332	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,995.65	1,142.82
27 15 13 00-0333	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,894.49	1,505.19
27 15 13 00-0334	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,805.48	2,223.66
27 15 13 00-0335	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,363.57	714.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0336	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,543.41	740.52
27 15 13 00-0337	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,657.83	766.78
27 15 13 00-0338	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,807.93	791.99
27 15 13 00-0339	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,992.35	845.56
27 15 13 00-0340	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,175.73	899.13
27 15 13 00-0341	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,602.98	1,005.22
27 15 13 00-0342	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,385.27	1,324.53
27 15 13 00-0343	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,045.31	1,956.86
27 15 13 00-0344	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,204.67	650.19
27 15 13 00-0345	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,359.66	673.29
27 15 13 00-0346	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,469.88	696.41
27 15 13 00-0347	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,665.65	720.56
27 15 13 00-0348	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,843.92	768.88
27 15 13 00-0349	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,176.15	817.20
27 15 13 00-0350	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,432.49	913.83
27 15 13 00-0351	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,084.60	1,204.79
27 15 13 00-0352	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,644.17	1,779.35
27 15 13 00-0353	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,902.90	1,821.36
27 15 13 00-0354	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,822.83	2,120.73
27 15 13 00-0355	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,245.33	2,269.88
27 15 13 00-0356	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,515.76	2,837.08
27 15 13 00-0357	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,169.83	3,735.16
27 15 13 00-0358	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,702.38	6,880.01
27 15 13 00-0359	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	29,879.43	9,104.72
27 15 13 00-0360	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,086.35	11,473.34
27 15 13 00-0361	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	56,499.23	15,736.84
27 15 13 00-0362	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,160.81	650.19
27 15 13 00-0363	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,273.96	673.29
27 15 13 00-0364	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,358.47	696.41
27 15 13 00-0365	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,498.07	720.56
27 15 13 00-0366	MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,641.25	768.88
27 15 13 00-0367	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,882.55	817.20
27 15 13 00-0368	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,104.81	913.83
27 15 13 00-0369	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,696.42	1,204.79
27 15 13 00-0370	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,039.21	1,779.35
27 15 13 00-0371	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,230.07	1,821.36
27 15 13 00-0372	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,998.31	2,120.73
27 15 13 00-0373	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,358.27	2,269.88
27 15 13 00-0374	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,511.18	2,837.08
27 15 13 00-0375	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,748.25	3,735.16
27 15 13 00-0376	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,693.66	6,880.01
27 15 13 00-0377	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,567.76	9,104.72
27 15 13 00-0378	MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	32,515.67	11,473.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0379	MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	45,569.79	15,737.89

27 15 13 00-0380 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0381 Indoor Telecommunications Cable *(27 15 13 00-0380)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0382 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0381)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0382)*

27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0384)*

27 15 13 00-0386	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	915.49	482.81
27 15 13 00-0387	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	962.78	482.81
27 15 13 00-0388	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	979.49	482.81
27 15 13 00-0389	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,188.54	551.78
27 15 13 00-0390	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,536.65	551.78
27 15 13 00-0391	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,089.38	551.78
27 15 13 00-0392	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,364.33	689.72
27 15 13 00-0393	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,109.48	1,103.56
27 15 13 00-0394	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,316.40	1,241.51
27 15 13 00-0395	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	11,096.61	1,379.45
27 15 13 00-0396	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,245.32	1,931.23
27 15 13 00-0397	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	21,317.93	2,386.45
27 15 13 00-0398	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	33,862.43	3,310.68
27 15 13 00-0399	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	54,784.87	6,621.36
27 15 13 00-0400	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	74,320.87	9,932.04

27 15 13 00-0401 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0384)*

27 15 13 00-0402	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,720.17	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0403	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,767.46	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0404	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,784.17	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0405	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,878.26	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0406	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,226.37	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0407	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,009.01	1,103.56
		For Work In Restricted Working Space, Add	*551.78*	
27 15 13 00-0408	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,513.88	1,379.45
		For Work In Restricted Working Space, Add	*689.73*	
27 15 13 00-0409	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,029.12	1,655.34
		For Work In Restricted Working Space, Add	*827.67*	
27 15 13 00-0410	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,350.99	1,862.26
		For Work In Restricted Working Space, Add	*931.13*	
27 15 13 00-0411	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,246.15	2,069.17
		For Work In Restricted Working Space, Add	*1,034.59*	
27 15 13 00-0412	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,854.68	2,896.85
		For Work In Restricted Working Space, Add	*1,448.42*	
27 15 13 00-0413	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	23,318.14	3,586.57
		For Work In Restricted Working Space, Add	*1,793.29*	
27 15 13 00-0414	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	36,621.34	4,966.02
		For Work In Restricted Working Space, Add	*2,483.01*	
27 15 13 00-0415	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	60,302.68	9,932.04
		For Work In Restricted Working Space, Add	*4,966.02*	
27 15 13 00-0416	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	82,597.58	14,898.06
		For Work In Restricted Working Space, Add	*7,449.04*	

27 15 13 00-0417 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0418 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0417)*

27 15 13 00-0419	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,466.10	551.78
27 15 13 00-0420	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,191.71	689.72
27 15 13 00-0421	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,515.90	1,103.56
27 15 13 00-0422	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	17,029.93	1,379.45
27 15 13 00-0423	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	25,069.06	1,931.23
27 15 13 00-0424	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	32,682.71	2,386.45
27 15 13 00-0425	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	48,507.64	3,310.68

27 15 13 00-0426 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0417)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0427	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,385.73	1,103.56
		For Work In Restricted Working Space, Add	*551.78*	
27 15 13 00-0428	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,341.26	1,379.45
		For Work In Restricted Working Space, Add	*689.73*	
27 15 13 00-0429	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	10,435.54	1,655.34
		For Work In Restricted Working Space, Add	*827.67*	
27 15 13 00-0430	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	18,179.47	2,069.17
		For Work In Restricted Working Space, Add	*1,034.59*	
27 15 13 00-0431	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	26,678.42	2,896.85
		For Work In Restricted Working Space, Add	*1,448.42*	
27 15 13 00-0432	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	34,682.92	3,586.57
		For Work In Restricted Working Space, Add	*1,793.29*	
27 15 13 00-0433	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	51,266.55	4,966.02
		For Work In Restricted Working Space, Add	*2,483.01*	

27 15 13 00-0434 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0382)*

27 15 13 00-0435 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*

27 15 13 00-0436 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0435)*

27 15 13 00-0437	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	953.73	482.81
27 15 13 00-0438	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,000.83	482.81
27 15 13 00-0439	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,036.05	482.81
27 15 13 00-0440	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,252.06	551.78
27 15 13 00-0441	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,631.52	551.78
27 15 13 00-0442	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,660.11	551.78
27 15 13 00-0443	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,526.29	689.72
27 15 13 00-0444	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,544.09	1,103.56
27 15 13 00-0445	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	14,911.79	1,379.45
27 15 13 00-0446	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	22,376.86	1,931.23

27 15 13 00-0447 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0435)*

27 15 13 00-0448	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,758.41	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0449	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,805.51	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0450	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,840.73	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0451	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,941.78	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0452	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,321.24	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0453	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,579.74	1,103.56
		For Work In Restricted Working Space, Add	*551.78*	
27 15 13 00-0454	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	5,675.84	1,379.45
		For Work In Restricted Working Space, Add	*689.73*	
27 15 13 00-0455	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	9,463.73	1,655.34
		For Work In Restricted Working Space, Add	*827.67*	
27 15 13 00-0456	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	16,061.33	2,069.17
		For Work In Restricted Working Space, Add	*1,034.59*	
27 15 13 00-0457	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	23,986.22	2,896.85
		For Work In Restricted Working Space, Add	*1,448.42*	

27 15 13 00-0458 Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0381)*

27 15 13 00-0459 Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0458)*

27 15 13 00-0460 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0459)*

27 15 13 00-0461	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	991.67	482.81
27 15 13 00-0462	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,035.47	482.81
27 15 13 00-0463	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,151.27	551.78
27 15 13 00-0464	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,195.05	551.78

27 15 13 00-0465 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0459)*

27 15 13 00-0466	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,796.35	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0467	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,840.15	965.62
		For Work In Restricted Working Space, Add	*482.81*	
27 15 13 00-0468	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,070.90	1,103.56
		For Work In Restricted Working Space, Add	*551.78*	
27 15 13 00-0469	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,114.68	1,103.56
		For Work In Restricted Working Space, Add	*551.78*	

27 15 13 00-0470 Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0458)*

27 15 13 00-0471 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0470)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 13 00-0472	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,152.73	482.81
	27 15 13 00-0473	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,609.92	551.78
	27 15 13 00-0474		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0470)*		
	27 15 13 00-0475	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,957.41	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0476	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,529.55	1,103.56
			For Work In Restricted Working Space, Add	*551.78*	
	27 15 13 00-0477		Category 6, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
	27 15 13 00-0478		Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0477)*		
	27 15 13 00-0479		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0478)*		
	27 15 13 00-0480	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,098.16	482.81
	27 15 13 00-0481	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,130.97	482.81
	27 15 13 00-0482		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0478)*		
	27 15 13 00-0483	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,902.84	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0484	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,935.65	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0485		Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0477)*		
	27 15 13 00-0486		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0485)*		
	27 15 13 00-0487	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,326.40	482.81
	27 15 13 00-0488		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0485)*		
	27 15 13 00-0489	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,131.08	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0490		Category 6A, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
	27 15 13 00-0491		Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0490)*		
	27 15 13 00-0492		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0491)*		
	27 15 13 00-0493	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,150.59	482.81
	27 15 13 00-0494		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0491)*		
	27 15 13 00-0495	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	1,955.27	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0496		Category 6A, Indoor Telecommunications Plenum Cable *(27 15 13 00-0490)*		
	27 15 13 00-0497		Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0496)*		
	27 15 13 00-0498	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,462.00	482.81
	27 15 13 00-0499		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0496)*		
	27 15 13 00-0500	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	2,266.68	965.62
			For Work In Restricted Working Space, Add	*482.81*	
	27 15 13 00-0501		Category 7, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
	27 15 13 00-0502		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0501)*		
	27 15 13 00-0503	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,253.15	551.78
	27 15 13 00-0504	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,763.91	551.78
	27 15 13 00-0505		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0501)*		
	27 15 13 00-0506	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	3,172.78	1,103.56
			For Work In Restricted Working Space, Add	*551.78*	
	27 15 13 00-0507	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	4,683.54	1,103.56
			For Work In Restricted Working Space, Add	*551.78*	
	27 15 13 00-0508		Outdoor Telecommunications Cable *(27 15 13 00-0380)*		
			Note: Cable buried in trench excludes excavation.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0509		PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0511		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0510)*		
27 15 13 00-0512	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,931.62	551.78
27 15 13 00-0513	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,359.66	965.62
27 15 13 00-0514	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,396.68	620.75
27 15 13 00-0515	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,268.24	689.72
27 15 13 00-0516	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,474.02	965.62
27 15 13 00-0517	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,453.95	1,103.56
27 15 13 00-0518	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,518.53	1,241.51
27 15 13 00-0519	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,296.71	1,793.29
27 15 13 00-0520	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	32,207.90	2,345.07
27 15 13 00-0521	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	43,746.79	3,172.73
27 15 13 00-0522	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	68,503.74	6,345.47
27 15 13 00-0523	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	93,323.48	9,380.26
27 15 13 00-0524		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0510)*		
27 15 13 00-0525	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,759.18	
27 15 13 00-0526	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,187.22	
27 15 13 00-0527	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,166.77	
27 15 13 00-0528	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,038.34	
27 15 13 00-0529	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,129.16	
27 15 13 00-0530	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,879.18	
27 15 13 00-0531	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,288.63	
27 15 13 00-0532	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	23,606.99	
27 15 13 00-0533	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	30,770.97	
27 15 13 00-0534	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	41,217.80	
27 15 13 00-0535	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	61,606.49	
27 15 13 00-0536	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	83,207.50	
27 15 13 00-0537		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0538		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0537)*		
27 15 13 00-0539	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,203.74	551.78
27 15 13 00-0540	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,868.05	551.78
27 15 13 00-0541	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,437.33	620.75
27 15 13 00-0542	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,120.47	689.72
27 15 13 00-0543	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	10,368.54	965.62
27 15 13 00-0544	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,388.99	1,103.56
27 15 13 00-0545	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,109.77	1,241.51
27 15 13 00-0546	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	35,123.34	1,793.29
27 15 13 00-0547	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	46,803.13	2,345.07
27 15 13 00-0548	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	69,234.65	3,172.73
27 15 13 00-0549	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	100,692.80	6,345.47
27 15 13 00-0550	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	141,481.28	9,380.26
27 15 13 00-0551		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0537)*		
27 15 13 00-0552	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,031.30	
27 15 13 00-0553	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,695.61	
27 15 13 00-0554	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,207.42	
27 15 13 00-0555	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,890.57	
27 15 13 00-0556	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,023.68	
27 15 13 00-0557	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,044.12	
27 15 13 00-0558	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	23,879.87	
27 15 13 00-0559	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,433.62	
27 15 13 00-0560	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	45,366.20	
27 15 13 00-0561	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	66,705.66	
27 15 13 00-0562	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	93,795.55	
27 15 13 00-0563	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	131,365.30	
27 15 13 00-0564		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0565		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0564)*		
27 15 13 00-0566	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,645.43	620.75
27 15 13 00-0567	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,391.27	689.72
27 15 13 00-0568	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,523.14	965.62
27 15 13 00-0569	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	25,809.63	1,103.56
27 15 13 00-0570		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0564)*		
27 15 13 00-0571	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,415.52	
27 15 13 00-0572	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,161.37	
27 15 13 00-0573	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,178.28	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 13 00-0574	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,464.76	
27 15 13 00-0575			PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0508)*		
			Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0576			24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0577			24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0576)*		
	27 15 13 00-0578	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,659.60	965.62
	27 15 13 00-0579	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,183.26	965.62
	27 15 13 00-0580	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,239.72	965.62
	27 15 13 00-0581	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,142.20	965.62
	27 15 13 00-0582	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,000.71	965.62
	27 15 13 00-0583	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,294.75	1,241.51
	27 15 13 00-0584	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	26,719.55	1,793.29
	27 15 13 00-0585	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	35,160.11	2,345.07
	27 15 13 00-0586	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	48,057.25	3,172.73
	27 15 13 00-0587	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	74,078.22	6,345.47
	27 15 13 00-0588	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	107,781.44	9,380.26
27 15 13 00-0589			24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0576)*		
	27 15 13 00-0590	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,314.74	
	27 15 13 00-0591	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,838.40	
	27 15 13 00-0592	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,894.86	
	27 15 13 00-0593	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,797.34	
	27 15 13 00-0594	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,655.85	
	27 15 13 00-0595	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,064.85	
	27 15 13 00-0596	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	26,029.83	
	27 15 13 00-0597	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	33,723.18	
	27 15 13 00-0598	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	45,528.26	
	27 15 13 00-0599	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	67,180.97	
	27 15 13 00-0600	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	97,665.46	
27 15 13 00-0601			22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0602			22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0601)*		
	27 15 13 00-0603	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,962.35	965.62
	27 15 13 00-0604	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,731.84	965.62
	27 15 13 00-0605	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,369.37	965.62
	27 15 13 00-0606	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,381.83	965.62
	27 15 13 00-0607	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	14,668.44	965.62
	27 15 13 00-0608	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,277.69	1,241.51
	27 15 13 00-0609	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	39,979.48	1,793.29
	27 15 13 00-0610	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	51,197.74	2,345.07
	27 15 13 00-0611	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	71,556.06	3,172.73
	27 15 13 00-0612	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	112,128.24	6,345.47
27 15 13 00-0613			22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0601)*		
	27 15 13 00-0614	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,617.49	
	27 15 13 00-0615	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,386.98	
	27 15 13 00-0616	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,024.51	
	27 15 13 00-0617	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,036.97	
	27 15 13 00-0618	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,323.58	
	27 15 13 00-0619	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,047.79	
	27 15 13 00-0620	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	39,289.76	
	27 15 13 00-0621	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	49,760.81	
	27 15 13 00-0622	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	69,027.07	
	27 15 13 00-0623	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	105,230.99	
27 15 13 00-0624			19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0625			19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0624)*		
	27 15 13 00-0626	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,996.86	965.62
	27 15 13 00-0627	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,106.53	965.62
	27 15 13 00-0628	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,775.83	965.62
27 15 13 00-0629			19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0624)*		
	27 15 13 00-0630	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,652.00	
	27 15 13 00-0631	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,761.67	
	27 15 13 00-0632	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,430.97	
27 15 13 00-0633			(Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0508)*		
			Note: Includes support wire.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0634		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0635	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,647.52	1,944.18
27 15 13 00-0636	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,083.23	1,944.18
27 15 13 00-0637	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,165.01	1,944.18
27 15 13 00-0638	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,167.91	1,944.18
27 15 13 00-0639	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	15,036.48	1,944.18
27 15 13 00-0640	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	23,162.84	2,138.59
27 15 13 00-0641	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	31,337.08	2,333.01
27 15 13 00-0642		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0643	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,168.80	1,944.18
27 15 13 00-0644	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,812.54	1,944.18
27 15 13 00-0645	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,363.04	1,944.18
27 15 13 00-0646	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,426.19	1,944.18
27 15 13 00-0647	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,151.34	1,944.18
27 15 13 00-0648	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	32,371.56	2,138.59
27 15 13 00-0649		19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0650	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,857.98	1,944.18
27 15 13 00-0651	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,313.76	1,944.18
27 15 13 00-0652	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,176.06	1,944.18
27 15 13 00-0653	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	18,900.71	1,944.18
27 15 13 00-0654	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	30,387.29	1,944.18
27 15 13 00-0655		Sound System Cables *(27 15 13)*		
		Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656		Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0655)*		
27 15 13 00-0657		Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		
27 15 13 00-0658	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,780.27	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0659	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,675.80	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0660	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,595.22	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0661	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,683.34	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0662	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,966.56	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0663	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,248.85	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0664	MLF	4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,967.75	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0665	MLF	4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,831.76	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0666		Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		
27 15 13 00-0667	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,823.43	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0668	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,703.25	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0669	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,635.23	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0670	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,748.74	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0671	MLF	8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,988.53	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0672	MLF	2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,962.08	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0673	MLF	2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,795.85	735.27
		For Work In Restricted Working Space, Add	*441.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0674	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,078.41	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0675	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,360.19	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0676	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,669.34	735.27
		For Work In Restricted Working Space, Add	*441.16*	
27 15 13 00-0677	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,725.48	735.27
		For Work In Restricted Working Space, Add	*441.16*	

27 15 13 00-0678 Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0655)*

27 15 13 00-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*

27 15 13 00-0680	MLF	2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,045.00	367.64
27 15 13 00-0681	MLF	2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	940.53	367.64
27 15 13 00-0682	MLF	2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	859.95	367.64
27 15 13 00-0683	MLF	4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	948.07	367.64
27 15 13 00-0684	MLF	4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,231.29	367.64
27 15 13 00-0685	MLF	6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,513.58	367.64
27 15 13 00-0686	MLF	4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,232.48	367.64
27 15 13 00-0687	MLF	4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,096.49	367.64

27 15 13 00-0688 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*

27 15 13 00-0689	MLF	2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,088.16	367.64
27 15 13 00-0690	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	967.98	367.64
27 15 13 00-0691	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	899.96	367.64
27 15 13 00-0692	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,013.47	367.64
27 15 13 00-0693	MLF	8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,253.26	367.64
27 15 13 00-0694	MLF	2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,226.81	367.64
27 15 13 00-0695	MLF	2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,060.58	367.64
27 15 13 00-0696	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,343.14	367.64
27 15 13 00-0697	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,624.92	367.64
27 15 13 00-0698	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	990.21	367.64
27 15 13 00-0699	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	934.07	367.64

27 15 23 Communications Optical Fiber Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 23 00-0001 Indoor Fiber Optic Cable *(27 15 23)*

Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.

27 15 23 00-0002 Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Excludes conduit or innerduct.

27 15 23 00-0003 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*

27 15 23 00-0004 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

27 15 23 00-0005 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	995.77	413.84
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,088.01	413.84
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,118.80	413.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,228.48	413.84
		For Aluminum Armored Cable, Add	*836.29*	
		For Steel Armored Cable, Add	*1,656.58*	
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,259.92	413.84
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,450.00	413.84
		For Aluminum Armored Cable, Add	*884.22*	
		For Steel Armored Cable, Add	*1,743.68*	
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,484.96	482.81
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,500.31	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*1,742.52*	
		For Steel Armored Cable, Add	*2,401.69*	
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,271.97	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*1,836.94*	
		For Steel Armored Cable, Add	*2,219.85*	
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,421.64	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*1,927.32*	
		For Steel Armored Cable, Add	*2,324.45*	
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,365.44	482.81
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,616.43	482.81
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,936.62	482.81
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,321.04	551.78
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,121.34	551.78

27 15 23 00-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,022.33	413.84
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,143.80	413.84
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,413.41	413.84
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,697.21	413.84
		For Aluminum Armored Cable, Add	*876.82*	
		For Steel Armored Cable, Add	*1,165.21*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,966.82	413.84
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,520.23	413.84
		For Aluminum Armored Cable, Add	*833.93*	
		For Steel Armored Cable, Add	*1,209.69*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,777.09	482.81
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,777.88	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*912.06*	
		For Steel Armored Cable, Add	*912.06*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,764.48	482.81
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,751.08	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*1,627.59*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,737.68	482.81
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,724.28	482.81
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,711.67	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*7,009.86*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,799.83	551.78
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	24,773.03	551.78

27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,038.96	413.84
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,166.50	413.84
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,449.59	413.84
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,747.58	413.84
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,030.68	413.84
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,611.76	413.84
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,875.71	482.81
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,976.54	482.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,062.47	482.81
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,148.40	482.81
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,234.33	482.81
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,320.26	482.81
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,507.02	482.81
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,793.84	551.78
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	25,965.70	551.78

27 15 23 00-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

27 15 23 00-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,850.64	413.84
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,194.63	413.84
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,951.39	413.84
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,312.54	413.84
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,772.96	413.84
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,093.36	482.81
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,678.54	482.81
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,823.06	482.81
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,273.93	482.81

27 15 23 00-0064 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,226.91	413.84
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,711.58	413.84
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,510.69	413.84
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,698.40	413.84
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,191.61	413.84
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,943.27	482.81
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,723.24	482.81
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,940.20	482.81
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,164.96	482.81

27 15 23 00-0074 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,303.77	413.84
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,812.68	413.84
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,651.74	413.84
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,898.83	413.84
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,416.71	413.84
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,250.20	482.81
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,119.17	482.81
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,396.98	482.81
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,882.97	482.81

27 15 23 00-0084 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*

27 15 23 00-0085 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

27 15 23 00-0086 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	999.58	413.84
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,004.26	413.84
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,249.73	413.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,278.45	413.84
		For Aluminum Armored Cable, Add	*975.69*	
		For Steel Armored Cable, Add	*5,370.90*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,423.05	413.84
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,450.10	413.84
		For Aluminum Armored Cable, Add	*1,021.93*	
		For Steel Armored Cable, Add	*5,764.99*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,283.56	482.81
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,213.14	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*927.38*	
		For Steel Armored Cable, Add	*6,052.59*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,673.63	482.81
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,846.95	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*1,421.87*	
		For Steel Armored Cable, Add	*7,569.86*	
27 15 23 00-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,257.43	482.81
27 15 23 00-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,763.38	482.81
27 15 23 00-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,893.05	482.81
27 15 23 00-0100		**50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0085)*		
27 15 23 00-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,020.54	413.84
27 15 23 00-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,464.42	413.84
27 15 23 00-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,939.01	413.84
27 15 23 00-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,423.11	413.84
		For Aluminum Armored Cable, Add	*153.66*	
		For Steel Armored Cable, Add	*505.83*	
27 15 23 00-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,886.98	413.84
27 15 23 00-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,290.01	413.84
		For Aluminum Armored Cable, Add	*40.15*	
		For Steel Armored Cable, Add	*439.92*	
27 15 23 00-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,198.23	482.81
27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,640.60	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*2,030.76*	
		For Steel Armored Cable, Add	*4,736.32*	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,058.56	482.81
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,476.52	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*6,030.26*	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,894.48	482.81
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,312.44	482.81
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	28,172.77	482.81
		For Aluminum Armored Cable With Sub-Units, Add	*12,060.52*	
27 15 23 00-0114		**62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0085)*		
27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,037.08	413.84
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,503.16	413.84
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,001.47	413.84
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,509.78	413.84
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,996.84	413.84
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,420.02	413.84
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,367.90	482.81
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,982.40	482.81
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,571.25	482.81
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,160.11	482.81
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,748.97	482.81
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,337.83	482.81

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	29,541.18	482.81
27 15 23 00-0128			Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*		
27 15 23 00-0129			Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
	27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,902.64	413.84
	27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,321.16	413.84
	27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,327.30	413.84
	27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,313.35	413.84
	27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,887.06	413.84
	27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,816.92	482.81
	27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,150.52	482.81
	27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,115.04	482.81
	27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,351.72	482.81
27 15 23 00-0139			50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
	27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,068.83	413.84
	27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,347.66	413.84
	27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,630.32	413.84
	27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,793.70	413.84
	27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,598.46	413.84
	27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,892.53	482.81
	27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,684.05	482.81
	27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,622.23	482.81
	27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	33,031.16	482.81
27 15 23 00-0149			62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
	27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,287.79	413.84
	27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,630.56	413.84
	27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,027.35	413.84
	27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,248.90	413.84
	27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,143.89	413.84
	27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,646.92	482.81
	27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,578.02	482.81
	27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,613.11	482.81
	27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	34,642.48	482.81
27 15 23 00-0159			Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0160			Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0161			Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*		
27 15 23 00-0162			Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*		
	27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,225.69	551.78
			For Work In Restricted Working Space, Add	*275.89*	
	27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,317.93	551.78
			For Work In Restricted Working Space, Add	*275.89*	
	27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,348.72	551.78
			For Work In Restricted Working Space, Add	*275.89*	
	27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,458.40	551.78
			For Aluminum Armored Cable, Add	*836.29*	
			For Steel Armored Cable, Add	*1,656.58*	
			For Work In Restricted Working Space, Add	*275.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,489.84	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,679.92	551.78
		For Aluminum Armored Cable, Add	*884.22*	
		For Steel Armored Cable, Add	*1,743.68*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,714.87	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,730.22	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*1,742.52*	
		For Steel Armored Cable, Add	*2,401.69*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,501.88	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*1,836.94*	
		For Steel Armored Cable, Add	*2,219.85*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,651.55	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*1,927.32*	
		For Steel Armored Cable, Add	*2,324.45*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,595.35	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,846.34	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,166.53	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,550.94	689.72
		For Work In Restricted Working Space, Add	*344.86*	
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,351.24	689.72
		For Work In Restricted Working Space, Add	*344.86*	

27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,252.25	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,373.72	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,643.33	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,927.13	551.78
		For Aluminum Armored Cable, Add	*876.82*	
		For Steel Armored Cable, Add	*1,165.21*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,196.74	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,750.15	551.78
		For Aluminum Armored Cable, Add	*833.93*	
		For Steel Armored Cable, Add	*1,209.69*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,007.00	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,007.79	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*912.06*	
		For Steel Armored Cable, Add	*912.06*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,994.39	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,980.99	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*1,627.59*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,967.59	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,954.19	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,941.58	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*7,009.86*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,029.73	689.72
		For Work In Restricted Working Space, Add	*344.86*	
27 15 23 00-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,002.93	689.72
		For Work In Restricted Working Space, Add	*344.86*	

27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,268.88	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,396.42	551.78
		For Work In Restricted Working Space, Add	*275.89*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0197		MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,679.51	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0198		MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,977.50	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0199		MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,260.60	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0200		MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,841.68	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0201		MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,105.62	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0202		MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,206.45	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0203		MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,292.38	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0204		MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,378.31	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0205		MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,464.24	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0206		MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,550.17	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0207		MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,736.93	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0208		MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,023.74	689.72
			For Work In Restricted Working Space, Add	*344.86*	
27 15 23 00-0209		MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,195.60	689.72
			For Work In Restricted Working Space, Add	*344.86*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212		MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,080.56	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0213		MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,424.55	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0214		MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,181.31	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0215		MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,542.46	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0216		MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,002.88	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0217		MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,323.27	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0218		MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,908.45	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0219		MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,052.97	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0220		MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,503.84	620.75
			For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0222		MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,456.83	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0223		MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,941.50	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0224		MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,740.61	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0225		MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,928.32	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0226		MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,421.53	551.78
			For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0227		MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,173.18	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0228		MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,953.15	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0229		MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,170.11	620.75
			For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0230		MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,394.87	620.75
			For Work In Restricted Working Space, Add	*310.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0231		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*		
27 15 23 00-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,533.69	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,042.60	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,881.66	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,128.75	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,646.63	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,480.11	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,349.08	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,626.89	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,112.88	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0241		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0242		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*		
27 15 23 00-0243		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,229.50	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,234.18	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,479.65	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,508.37	551.78
		For Aluminum Armored Cable, Add	*975.69*	
		For Steel Armored Cable, Add	*5,370.90*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,652.97	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,680.02	551.78
		For Aluminum Armored Cable, Add	*1,021.93*	
		For Steel Armored Cable, Add	*5,764.99*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,513.47	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,443.05	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*927.38*	
		For Steel Armored Cable, Add	*6,052.59*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,903.54	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,076.86	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*1,421.87*	
		For Steel Armored Cable, Add	*7,569.86*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,487.34	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,993.29	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,122.96	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0257		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,250.46	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,694.34	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,168.93	551.78
		For Work In Restricted Working Space, Add	*275.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,653.03	551.78
		For Aluminum Armored Cable, Add	*153.66*	
		For Steel Armored Cable, Add	*505.83*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,116.90	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,519.93	551.78
		For Aluminum Armored Cable, Add	*40.15*	
		For Steel Armored Cable, Add	*439.92*	
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,428.14	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,870.51	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*2,030.76*	
		For Steel Armored Cable, Add	*4,736.32*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,288.47	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,706.43	620.75
		For Aluminum Armored Cable With Sub-Units, Add	*6,030.26*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,124.39	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,542.35	620.75
		For Work In Restricted Working Space, Add	*310.38*	
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,402.68	620.75
		For Work In Restricted Working Space, Add	*310.38*	
		For Aluminum Armored Cable With Sub-Units, Add	*12,060.52*	
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,267.00	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,733.08	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,231.39	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,739.70	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,226.76	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,649.94	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,597.81	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,212.31	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,801.16	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,390.02	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,978.88	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,567.74	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	29,771.09	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,132.56	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,551.08	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,557.22	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,543.27	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,116.98	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,046.83	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,380.43	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,344.95	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,581.63	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,298.75	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,577.58	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,860.24	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,023.62	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,828.38	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,122.44	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,913.96	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,852.14	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	33,261.07	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,517.71	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,860.48	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,257.27	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,478.82	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,373.81	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,876.83	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,807.93	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,843.02	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	34,872.39	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 15 23 00-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,439.32	413.84
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,453.11	413.84
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,689.69	482.81
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	8,984.30	482.81

27 15 23 00-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*

27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,719.78	413.84
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,492.58	413.84
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,758.06	482.81
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	11,676.44	482.81

27 15 23 00-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,669.24	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,683.03	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,919.60	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,214.21	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,949.70	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,722.50	551.78
		For Work In Restricted Working Space, Add	*275.89*	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,987.97	620.75
		For Work In Restricted Working Space, Add	*310.38*	
27 15 23 00-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	11,906.35	620.75
		For Work In Restricted Working Space, Add	*310.38*	

27 15 23 00-0338 Outdoor Fiber Optic Cable *(27 15 23)*

Note: Cable buried in trench excludes excavation.

27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Excludes conduit or innerduct.

27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,928.73	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.30*	
27 15 23 00-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,962.14	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*270.53*	
27 15 23 00-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,995.58	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*272.67*	
27 15 23 00-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,029.01	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.29*	
27 15 23 00-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,095.43	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.10*	
27 15 23 00-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,231.29	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.53*	
27 15 23 00-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,301.13	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*218.48*	
27 15 23 00-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,322.68	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.38*	
27 15 23 00-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,722.37	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,942.72	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.93*	
27 15 23 00-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,228.62	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.04*	
27 15 23 00-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,731.94	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.79*	
27 15 23 00-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,281.88	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.10*	
27 15 23 00-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,857.45	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*259.12*	

27 15 23 00-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,762.21	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,840.70	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,005.13	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,229.36	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,322.79	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,640.46	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,313.15	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,303.51	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,405.98	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,172.11	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,162.47	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,460.85	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,740.54	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,020.23	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	

27 15 23 00-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,696.96	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.74*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,807.27	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.04*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,917.42	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*131.15*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,053.48	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*149.30*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,248.35	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,592.86	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*165.93*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,919.21	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.82*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,543.80	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.05*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,274.34	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*243.81*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,949.10	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.35*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,661.27	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.94*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,101.66	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*333.87*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,565.17	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.90*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,051.27	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*348.05*	

27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,120.02	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.03*	
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,185.16	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,204.71	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.65*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,282.73	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.79*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,307.08	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.17*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,416.43	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.21*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,514.48	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.47*	
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,670.89	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.13*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,891.25	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*357.74*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,110.75	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*370.62*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,408.34	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.80*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,889.70	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*415.76*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,519.46	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*409.39*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,034.80	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.02*	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,339.61	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*300.05*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,567.65	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*168.03*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,867.70	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.01*	
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,011.72	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,155.75	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,491.80	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*72.01*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,791.85	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.05*	
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,439.96	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*540.09*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,088.07	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*900.15*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,628.16	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*990.16*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,336.28	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,260.21*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,812.52	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,860.31*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,556.65	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,404.23*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,464.96	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,420.57*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,771.45	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.02*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,879.47	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,987.31	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.34*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,095.32	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*178.98*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,375.14	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.51*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,649.52	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*225.59*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,985.73	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*245.03*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,636.49	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.75*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,299.42	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*346.87*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,964.63	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*386.26*	
27 15 23 00-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,664.09	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*430.74*	
27 15 23 00-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,083.48	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*507.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,915.51	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*525.04*	
27 15 23 00-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,989.14	827.67
		For Corrugated Coated Steel Tape Armored Cable, Add	*542.01*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,813.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.30*	
27 15 23 00-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,847.19	
		For Corrugated Coated Steel Tape Armored Cable, Add	*270.53*	
27 15 23 00-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,880.63	
		For Corrugated Coated Steel Tape Armored Cable, Add	*272.67*	
27 15 23 00-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,914.06	
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.29*	
27 15 23 00-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,980.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.10*	
27 15 23 00-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,116.34	
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.53*	
27 15 23 00-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,186.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*218.48*	
27 15 23 00-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,207.73	
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.38*	
27 15 23 00-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,607.42	
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.95*	
27 15 23 00-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,108.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.93*	
27 15 23 00-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,445.71	
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.04*	
27 15 23 00-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,616.99	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.79*	
27 15 23 00-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,166.93	
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.10*	
27 15 23 00-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,742.50	
		For Corrugated Coated Steel Tape Armored Cable, Add	*259.12*	

27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,647.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,725.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,890.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,114.41	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,207.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,525.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,198.20	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,188.56	
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,291.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,057.16	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,047.52	
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	
27 15 23 00-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,345.90	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,625.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	14,905.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	

27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,582.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.74*	
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,692.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.04*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,802.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*131.15*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,938.53	
		For Corrugated Coated Steel Tape Armored Cable, Add	*149.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,133.40	
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,477.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*165.93*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,804.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.82*	
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,428.85	
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.05*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,159.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*243.81*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,834.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.35*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,546.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.94*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,986.71	
		For Corrugated Coated Steel Tape Armored Cable, Add	*333.87*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,450.22	
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.90*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,936.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*348.05*	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,005.07	
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.03*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,070.21	
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,089.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.65*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,167.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.79*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,192.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.17*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,301.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.21*	
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,399.53	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.47*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,555.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.13*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,776.30	
		For Corrugated Coated Steel Tape Armored Cable, Add	*357.74*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,995.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*370.62*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,293.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.80*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,774.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*415.76*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,404.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*409.39*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,919.85	
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.02*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,224.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*300.05*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,452.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*168.03*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,752.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.01*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,896.77	
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,040.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,376.85	
		For Corrugated Coated Steel Tape Armored Cable, Add	*72.01*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,676.90	
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.05*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,325.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*540.09*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,973.12	
		For Corrugated Coated Steel Tape Armored Cable, Add	*900.15*	
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,513.21	
		For Corrugated Coated Steel Tape Armored Cable, Add	*990.16*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,221.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,260.21*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,697.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,860.31*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,441.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,404.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,350.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,420.57*	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,656.50	
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.02*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,764.52	
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,872.36	
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.34*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,980.37	
		For Corrugated Coated Steel Tape Armored Cable, Add	*178.98*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,260.19	
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.51*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,534.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*225.59*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,870.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*245.03*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,521.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.75*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,184.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*346.87*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,849.68	
		For Corrugated Coated Steel Tape Armored Cable, Add	*386.26*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,549.14	
		For Corrugated Coated Steel Tape Armored Cable, Add	*430.74*	
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,968.53	
		For Corrugated Coated Steel Tape Armored Cable, Add	*507.90*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,480.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*525.04*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,874.19	
		For Corrugated Coated Steel Tape Armored Cable, Add	*542.01*	

27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*

27 15 23 00-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*

27 15 23 00-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*

27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,023.21	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*179.45*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,056.40	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*184.10*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,090.03	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*188.62*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,123.22	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*185.01*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,189.63	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*215.69*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,320.76	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*224.23*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,420.78	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*247.84*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,658.56	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*237.64*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,866.51	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.08*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,038.41	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*264.74*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,252.85	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.68*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,815.66	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*307.42*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,419.49	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*366.83*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,564.25	3,093.37
		For Corrugated Coated Steel Tape Armored Cable, Add	*393.89*	

27 15 23 00-0542 Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 15 23 00-0543 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*

27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,697.92	689.72
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,669.62	689.72
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,834.22	689.72

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0547			Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0548		MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,937.27	689.72
27 15 23 00-0549		MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,489.47	689.72
27 15 23 00-0550		MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,904.95	689.72
27 15 23 00-0551			Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*		
			Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552			Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553		MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,582.97	632.25
27 15 23 00-0554		MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,554.67	632.25
27 15 23 00-0555		MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,719.27	632.25
27 15 23 00-0556			Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557		MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,822.32	632.25
27 15 23 00-0558		MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,374.52	632.25
27 15 23 00-0559		MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,790.00	632.25
27 15 33			**Communications Coaxial Horizontal Cabling** *(27 15)*		
			Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001			Indoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0002			Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*		
27 15 33 00-0003			Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*		
27 15 33 00-0004		MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,805.38	482.81
27 15 33 00-0005		MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	4,659.70	482.81
27 15 33 00-0006		MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,401.52	551.78
27 15 33 00-0007		MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	5,899.05	551.78
27 15 33 00-0008			Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*		
27 15 33 00-0009		MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,610.06	965.62
			For Work In Restricted Working Space, Add	*482.81*	
27 15 33 00-0010		MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	5,464.38	965.62
			For Work In Restricted Working Space, Add	*482.81*	
27 15 33 00-0011		MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,321.15	1,103.56
			For Work In Restricted Working Space, Add	*551.78*	
27 15 33 00-0012		MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	6,818.68	1,103.56
			For Work In Restricted Working Space, Add	*551.78*	
27 15 33 00-0013			Coaxial Distribution Cable *(27 15 33 00-0001)*		
			Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0014		MLF	RG-6/U Coaxial Distribution Cable, Installed In Conduit	3,149.30	336.12
27 15 33 00-0015		MLF	RG-6A/U Coaxial Distribution Cable, Installed In Conduit	12,750.88	336.12
27 15 33 00-0016		MLF	RG-8/U Coaxial Distribution Cable, Installed In Conduit	6,502.54	355.03
27 15 33 00-0017		MLF	RG-8A/U Coaxial Distribution Cable, Installed In Conduit	8,306.13	355.03
27 15 33 00-0018		MLF	RG-11/U Coaxial Distribution Cable, Installed In Conduit	7,260.98	420.16
27 15 33 00-0019		MLF	RG-11A/U Coaxial Distribution Cable, Installed In Conduit	10,748.98	420.16
27 15 33 00-0020		MLF	RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	23,639.34	588.21
27 15 33 00-0021		MLF	RG-58/U Coaxial Distribution Cable, Installed In Conduit	2,266.60	294.11
27 15 33 00-0022		MLF	RG-58A/U Coaxial Distribution Cable, Installed In Conduit	2,623.99	294.11
27 15 33 00-0023		MLF	RG-58C/U Coaxial Distribution Cable, Installed In Conduit	3,253.56	294.11
27 15 33 00-0024		MLF	RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	8,101.10	588.21
27 15 33 00-0025		MLF	RG-59/U Coaxial Distribution Cable, Installed In Conduit	3,936.31	294.11
27 15 33 00-0026		MLF	RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	9,974.32	588.21
27 15 33 00-0027		MLF	1/2" Hard Line Coaxial, Installed In Conduit	3,085.62	420.16
27 15 33 00-0028			Outdoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0029			Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 15 33 00-0028)*		
			Note: Corrugated steel armor jacket.		
27 15 33 00-0030		MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	7,905.59	1,572.64
27 15 33 00-0031		MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	4,803.96	1,106.16
27 15 33 00-0032		MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	4,502.47	652.60
27 15 33 00-0033		MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,998.97	652.60
27 15 33 00-0034		MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit	2,916.75	1,019.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43		**Communications Faceplates and Connectors** *(27 15)*		
27 15 43 00-0001		Wall Mounted Telephone Faceplates *(27 15 43)*		
		Note: Includes standard telephone mounting studs.		
27 15 43 00-0002		Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	37.80	14.37
27 15 43 00-0004		Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	35.27	5.75
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	60.85	14.37
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	70.77	17.24
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	33.89	5.75
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	54.98	14.37
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	65.06	17.24
27 15 43 00-0011		Plastic Communications Faceplates *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	9.58	2.88
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	9.58	2.88
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	9.58	2.88
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	9.58	2.88
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	9.58	2.88
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	17.06	2.88
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	17.06	2.88
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	17.06	2.88
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	17.06	2.88
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	17.06	2.88
27 15 43 00-0022		Stainless Steel Communications Faceplates *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0023		Stainless Steel Communications Faceplates *(27 15 43 00-0022)*		
27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	18.84	2.88
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	18.84	2.88
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	18.84	2.88
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	20.19	2.88
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	20.19	2.88
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	27.50	2.88
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	28.35	2.88
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	32.93	2.88
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	32.93	2.88
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	32.93	2.88
27 15 43 00-0034		Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*		
27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.33	2.88
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.33	2.88
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.33	2.88
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.33	2.88
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.33	2.88
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	59.76	2.88
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	59.76	2.88
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	59.76	2.88
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	59.76	2.88
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	59.76	2.88
27 15 43 00-0045		Surface Mount Plastic Communication Boxes *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	33.65	14.41
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	34.50	14.41
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	40.36	14.41
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	47.32	14.41
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	54.62	14.41
27 15 43 00-0051		Snap-In Modular Jacks *(27 15 43)*		
		Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	32.73	11.53
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	34.60	11.53
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	40.20	11.53
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	40.20	11.53
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	46.48	11.53
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	47.44	11.53
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	24.49	5.76
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	36.98	11.53
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	41.73	11.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	51.07	11.53
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	6.64	2.88
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	8.04	2.88
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack Note: Includes female to female connection.	27.64	8.64
		For Gold Bulkhead, Add	*1.81*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack Note: Includes female to female connection.	27.98	8.64
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	54.08	11.53
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	67.84	11.53
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	34.09	11.53
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	37.82	5.76
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	39.69	11.53
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	44.79	11.53
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.	62.13	17.28
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	68.22	11.53

27 15 53 Communications Cable Innerduct *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 53 00-0001 Indoor Innerduct *(27 15 53)*

27 15 53 00-0002 Indoor Innerduct, Installed In Conduit *(27 15 53 00-0001)*

27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	4,682.59	1,724.31
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	6,042.17	2,299.09
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,084.36	2,873.86
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	9,417.68	3,448.63

27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,204.92	1,149.54
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	8,056.93	1,724.31
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	10,147.74	2,299.09
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	13,062.17	2,873.86
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	15,721.66	3,448.63

27 15 53 00-0014 Indoor Innerduct, Installed Exposed *(27 15 53 00-0001)*

27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	5,832.13	2,299.09
		For Work In Restricted Working Space, Add	*1,379.45*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	7,191.71	2,873.86
		For Work In Restricted Working Space, Add	*1,724.31*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	9,233.90	3,448.63
		For Work In Restricted Working Space, Add	*2,069.18*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	10,567.22	4,023.40
		For Work In Restricted Working Space, Add	*2,414.04*	

27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	8,354.46	1,724.31
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	9,206.47	2,299.09
		For Work In Restricted Working Space, Add	*1,379.45*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	11,297.28	2,873.86
		For Work In Restricted Working Space, Add	*1,724.31*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	14,211.71	3,448.63
		For Work In Restricted Working Space, Add	*2,069.18*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	16,871.20	4,023.40
		For Work In Restricted Working Space, Add	*2,414.04*	

27 15 53 00-0026 Outdoor Innerduct *(27 15 53)*

27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*

27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,367.54	1,724.31
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	5,577.58	2,299.09
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,144.97	2,873.86
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	8,528.70	3,448.63

27 15 53 00-0032 Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*

27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,218.00	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,428.04	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	5,995.43	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	7,379.16	

27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001 Fiber Optic Receivers *(27 16 16)*

27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	1,138.90	57.48

27 16 16 00-0003 Fiber Optic Transmitters *(27 16 16)*

27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	1,138.89	57.48

27 16 16 00-0005 Fiber Optic Repeaters *(27 16 16)*

Note: Consist of transmitter and receiver, back-to-back. Excludes power source.

27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	1,253.84	114.95
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,936.57	229.90

27 16 16 00-0008 Fiber Optic Transceivers *(27 16 16)*

27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	1,242.00	229.90
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	1,242.00	229.90
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,644.32	344.87
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	625.41	86.21

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

27 16 19 00-0001 Cross Connect Wire *(27 16 19)*

Note: Up to 20' length.

27 16 19 00-0002	EA	2-Pair Cross Connect Wire	18.47	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	24.74	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	30.95	

27 16 19 00-0005 Fiber Optic Patch Cords *(27 16 19)*

27 16 19 00-0006 Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*

27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	56.53	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	45.65	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	59.79	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	48.14	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	56.08	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	55.20	
		For Each Additional Meter In Length, Add	*0.26*	

27 16 19 00-0014 Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	100.25	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	97.19	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	108.08	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	83.50	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	99.35	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	97.61	
		For Each Additional Meter In Length, Add	*0.51*	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	75.11	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	82.22	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	82.95	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	85.23	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	75.41	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	85.63	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	101.05	
		For Each Additional Meter In Length, Add	*1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	68.86	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	84.30	
		For Each Additional Meter In Length, Add	*1.48*	

27 16 19 00-0032 Fiber Optic Cable Pig Tail *(27 16 19)*

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	82.41	40.23
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	108.21	40.23

27 16 19 00-0035 Ethernet Patch Cords *(27 16 19)*

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	15.50	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	16.94	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	18.40	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	26.77	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	33.58	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	44.58	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	17.22	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	20.88	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	20.96	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	25.02	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	33.03	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	41.61	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	65.72	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	114.77	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	20.13	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	21.32	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	22.21	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	26.42	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	32.56	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	40.21	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	57.39	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	100.11	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch	15.50	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch	16.94	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch	18.40	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch	26.77	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch	33.58	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch	44.58	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch	17.22	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch	20.88	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch	20.96	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch	25.02	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch	33.03	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch	41.61	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch	32.13	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch	34.31	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch	35.94	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch	41.26	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch	50.11	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch	64.15	
27 16 19 00-0076	EA	3' Length, Category 6, Exterior Grade Patch Cable With Boots	70.92	
27 16 19 00-0077	EA	5' Length, Category 6, Exterior Grade Patch Cable With Boots	78.90	
27 16 19 00-0078	EA	7' Length, Category 6, Exterior Grade Patch Cable With Boots	86.88	
27 16 19 00-0079	EA	10' Length, Category 6, Exterior Grade Patch Cable With Boots	101.72	
27 16 19 00-0080	EA	15' Length, Category 6, Exterior Grade Patch Cable With Boots	124.56	
27 16 19 00-0081	EA	25' Length, Category 6, Exterior Grade Patch Cable With Boots	164.45	
27 16 19 00-0082	EA	50' Length, Category 6, Exterior Grade Patch Cable With Boots	264.18	
27 16 19 00-0083	EA	100' Length, Category 6, Exterior Grade Patch Cable With Boots	469.40	
27 16 19 00-0084	EA	3' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	101.46	
27 16 19 00-0085	EA	5' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	109.16	
27 16 19 00-0086	EA	7' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	116.83	
27 16 19 00-0087	EA	10' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	124.92	
27 16 19 00-0088	EA	15' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	135.22	
27 16 19 00-0089	EA	20' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	142.83	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	2,166.38	229.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	4,299.59	229.90
27 21 16 00-0004		**Ethernet Hubs and Switches** *(27 21 16)*		
27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	4,203.50	172.88
27 21 16 00-0006	EA	16 Port Unmanaged Hub	624.15	115.25
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,820.43	115.25
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,717.52	57.63
27 21 16 00-0009		**Network Equipment** *(27 21 16)*		
27 21 16 00-0010		**Communications Entrance Protection** *(27 21 16 00-0009)*		
27 21 16 00-0011	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	1,188.75	86.43
27 21 16 00-0012	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	14.30	1.16
27 21 16 00-0013		**Communications Cabinets, Racks, Frames And Enclosures** *(27 21 16 00-0009)*		
27 21 16 00-0014	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,448.87	86.43
		For Fan Kit (Chatsworth 12804-701), Add	*204.97*	
27 21 16 00-0015	EA	10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	1,343.60	5.76
27 21 16 00-0016		**Communications Termination Blocks And Patch Panels** *(27 21 16 00-0009)*		
27 21 16 00-0017		**Communications Termination Blocks** *(27 21 16 00-0016)*		
27 21 16 00-0018	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	323.68	17.24
27 21 16 00-0019	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	301.29	17.24
27 21 16 00-0020	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	721.06	17.24
27 21 16 00-0021	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	670.69	17.24
27 21 16 00-0022	EA	110 Connector System Mounting Brackets (CommScope 107535593)	102.03	17.24
27 21 16 00-0023	EA	110 Connector System Mounting Brackets (CommScope 107535585)	110.16	17.24
27 21 16 00-0024	EA	110 Connector System Mounting Brackets (CommScope 107098816)	125.39	17.24
27 21 16 00-0025		**Communications Copper Patch Panels** *(27 21 16 00-0016)* Note: Excludes cabinet and terminations.		
27 21 16 00-0026	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	320.81	37.46
27 21 16 00-0027	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	583.99	46.10
27 21 16 00-0028	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	474.21	37.46
27 21 16 00-0029	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	884.43	46.10
27 21 16 00-0030		**Communications Optical Fiber Patch Panels** *(27 21 16 00-0016)*		
27 21 16 00-0031		**Closet Connector Housings** *(27 21 16 00-0030)*		
27 21 16 00-0032	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	389.62	23.05
27 21 16 00-0033	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	454.59	23.05
27 21 16 00-0034	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	566.61	23.05
27 21 16 00-0035	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	97.13	11.53
27 21 16 00-0036	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	130.27	11.53
27 21 16 00-0037	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	108.83	11.53
27 21 16 00-0038	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	140.98	11.53
27 21 16 00-0039		**Communications Cable Management** *(27 21 16 00-0009)*		
27 21 16 00-0040		**Horizontal Communication Cable Management** *(27 21 16 00-0039)*		
27 21 16 00-0041	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	160.59	23.05
27 21 16 00-0042	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	166.52	23.05
27 21 16 00-0043		**Vertical Communication Cable Management** *(27 21 16 00-0039)*		
27 21 16 00-0044	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	1,015.83	57.63
27 21 16 00-0045	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	1,054.20	57.63
27 21 16 00-0046	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,140.61	57.63
27 21 16 00-0047		**Communications Patch Cords, Station Cords, And Cross Connect Wire** *(27 21 16 00-0009)*		
27 21 16 00-0048		**Premise Cross-Connect Wire** *(27 21 16 00-0047)*		
27 21 16 00-0049	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.19	0.57
27 21 16 00-0050		**Pathways For Communications Systems** *(27 21 16 00-0009)*		
27 21 16 00-0051		**Conduits And Back Boxes For Communication Systems** *(27 21 16 00-0050)*		
27 21 16 00-0052		**Flexible Conduit For Communication Systems** *(27 21 16 00-0051)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0053	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	534.83	206.91
27 21 16 00-0054	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	845.14	206.91
27 21 16 00-0055		**Tube Cables For Communication Systems** *(27 21 16 00-0051)*		
27 21 16 00-0056		**Outdoor/All-Dielectric Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0057	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	371.10	137.94
27 21 16 00-0058	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	543.99	172.43
27 21 16 00-0059	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	881.17	206.91
27 21 16 00-0060		**Indoor/Riser Rated Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0061	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	419.98	137.94
27 21 16 00-0062	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	509.82	155.19
27 21 16 00-0063	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	577.93	172.43
27 21 16 00-0064	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,034.60	206.91
27 21 16 00-0065		**Indoor/Plenum Rated Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0066	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	318.15	137.94
27 21 16 00-0067	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	443.06	137.94
27 21 16 00-0068	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	667.32	155.19
27 21 16 00-0069	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	956.74	172.43
27 21 16 00-0070	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	2,887.90	206.91
27 21 16 00-0071		**Unjacketed Single Tube Cables** *(27 21 16 00-0055)*		
27 21 16 00-0072	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	280.14	137.94
27 21 16 00-0073		**Multimode Fiber Bundles** *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	115.13	41.38
27 21 16 00-0075	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	168.08	41.38
27 21 16 00-0076	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	225.11	41.38
27 21 16 00-0077	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	398.90	41.38
27 21 16 00-0078	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	574.68	48.28
27 21 16 00-0079	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	748.47	48.28
27 21 16 00-0080		**Singlemode Fiber Bundles** *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	104.27	41.38
27 21 16 00-0082	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	127.35	41.38
27 21 16 00-0083	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	146.36	41.38
27 21 16 00-0084	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	183.02	41.38
27 21 16 00-0085	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	275.98	48.28
27 21 16 00-0086	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	358.80	48.28
27 21 16 00-0087		**Tube Distribution Cabinets** *(27 21 16 00-0055)*		
27 21 16 00-0088	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	220.84	57.63
27 21 16 00-0089		**Modular Fiber Termination Cabinets** *(27 21 16 00-0055)*		
27 21 16 00-0090	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	274.08	57.63
27 21 16 00-0091	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	290.91	57.63
27 21 16 00-0092		**Tube Distribution Accessories** *(27 21 16 00-0055)*		
27 21 16 00-0093	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	13.42	5.76
27 21 16 00-0094	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	14.60	5.76
27 21 16 00-0095	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	17.64	5.76
27 21 16 00-0096		**Communications Optical Fiber Cabling** *(27 21 16 00-0009)*		
27 21 16 00-0097		**Communications Optical Fiber Cable Splicing And Terminations** *(27 21 16 00-0096)*		
27 21 16 00-0098		**Field Installed Fiber Connectors** *(27 21 16 00-0097)*		
27 21 16 00-0099	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	36.40	8.64
27 21 16 00-0100	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	32.50	8.64
27 21 16 00-0101		**Buffer Tube Fan-Out Kits** *(27 21 16 00-0097)*		
27 21 16 00-0102		**Buffer Tube Breakout Kits (Sumitomo)** *(27 21 16 00-0101)* Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	246.19	114.95
27 21 16 00-0104	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	250.27	114.95
27 21 16 00-0105	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	253.86	114.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0106	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	265.04	114.95
27 21 16 00-0107	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	280.33	114.95
27 21 16 00-0108	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	291.68	114.95
27 21 16 00-0109		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0101)*		
27 21 16 00-0110	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	248.08	114.95
27 21 16 00-0111	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	288.42	114.95
27 21 16 00-0112		Communications Copper Cabling *(27 21 16 00-0009)*		
27 21 16 00-0113		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0112)*		
27 21 16 00-0114		Copper Communications Cable Splice Cases *(27 21 16 00-0113)*		
27 21 16 00-0115	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	1,216.88	229.90
27 21 16 00-0116	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	1,433.25	229.90
27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	2,152.24	229.90
27 21 16 00-0118		Modular Splice Connectors *(27 21 16 00-0113)*		
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	125.45	57.48
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	123.11	57.48
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	125.50	57.48
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	125.17	57.48
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	708.17	28.74
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	542.41	28.74
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	761.40	28.74
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	1,200.53	28.74
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	110.37	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	528.69	17.24
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	873.20	28.74
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	5,050.53	368.81
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	3,547.17	368.81
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	19,370.65	137.94
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	619.48	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	13,284.98	137.94
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	29,034.05	137.94
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	685.45	11.53
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	5,034.04	14.37
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	4,365.06	14.37
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	76.74	5.76
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	237.21	57.48
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	3,705.36	137.94
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	815.08	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	24.67	5.76
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	336.85	14.37
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	843.91	14.41
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM)	122.77	5.76
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,432.72	137.94
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	818.34	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	721.58	14.37
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	732.99	14.37
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,512.52	137.94
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	395.61	14.41
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,870.94	14.41
27 21 26 00-0033	EA	Router (CISCO IR829)	1,663.94	57.63
27 21 29		**Data Communications Switches and Hubs** *(27 21)*		
27 21 29 00-0001		Data Communications Multimedia Modular Patch Panels *(27 21 29)* Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.		
27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	107.23	5.75
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	118.34	5.75
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	139.83	5.75
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	146.44	5.75
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	160.18	7.19
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	151.91	5.75
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	190.64	7.19
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	67.68	7.19
27 21 33		**Data Communications Wireless Access Points** *(27 21)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 33 00-0001		**Data Communications Wireless Access Points** *(27 21 33)*		
27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	5,107.26	172.43
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	12,325.13	172.43
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	12,325.13	172.43
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	1,974.67	172.43
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	2,320.59	193.81
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	6,573.06	193.81
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	10,010.17	193.81
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	10,010.17	193.81
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	2,047.75	64.60
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	2,076.61	64.60
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	187.31	32.31
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,793.22	
27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	626.83	57.48
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	517.20	57.48
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	88.69	22.99
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	81.59	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	47.05	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	326.77	57.48
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	328.90	57.48
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	454.00	57.63
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	1,161.12	86.43
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	1,491.08	86.43
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	80.71	17.24
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	306.03	64.60
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	1,036.98	64.60
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	5,160.72	57.63
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,614.16	57.48

27 30 Voice Communications *(27)*

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001		**Interior Telephone Components** *(27 32 13)*		
27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,763.82	1,050.45
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	940.48	85.87
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	466.99	92.08
27 32 13 00-0005	EA	Loud Ring Bell, 6"	363.55	85.41
27 32 13 00-0006	EA	Audio/Visual Indicator	469.42	80.47
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	491.50	72.19
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,384.87	588.91
27 32 13 00-0009	EA	Handset For 16 Station System	344.85	58.62
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	467.20	79.09
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,959.92	1,267.60
27 32 13 00-0012	EA	Power Supply For 16 Station System	415.53	156.46
27 32 13 00-0013	EA	Intercom Terminal Board	358.90	176.11
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	433.30	156.46
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	213.96	64.29
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	682.32	141.49
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	807.20	160.82
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	980.01	190.32
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,160.80	205.77
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,829.45	234.13
27 32 13 00-0021	EA	Ring Rung 3"	12.65	6.41
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	32.15	11.38
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	57.64	23.33
27 32 13 00-0024		**Interior Telephone Accessories** *(27 32 13)*		
27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	12.85	6.21
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	27.86	23.91
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	68.75	26.26
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	65.14	26.26
27 32 13 00-0029	EA	Terminating Strips, Inside	132.09	52.52
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	58.19	27.01
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	159.61	63.34
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	186.53	70.81
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	60.25	21.26
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	57.13	26.67
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	682.59	153.58
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	808.20	156.00
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	271.91	63.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	280.56	63.91
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	370.40	81.74
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	767.72	147.25
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,060.92	168.07
27 32 13 00-0042	EA	Gas Protection Module	16.56	5.75
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	28.53	5.25

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,616.96	473.17
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	12,234.39	473.17
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	205.81	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K)	308.71	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	771.78	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2)	1,049.63	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K)	1,152.53	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	20.58	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	20.58	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	185.23	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,955.19	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	905.56	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,932.78	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	6,163.98	
27 32 26 00-0016	EA	Active Venting Code Blue Option	329.29	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,871.04	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	720.33	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,636.18	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	72.03	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	900.52	134.04
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	788.64	194.16

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 19 16-0012 for basic wiring.

27 41 16 00-0002 Mounted Television Support *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	480.89	129.08
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	627.71	144.06
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	503.73	129.08
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	650.55	144.06
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	381.57	103.73
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	528.37	115.25
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	411.55	103.73
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	558.35	115.25
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	441.54	103.73
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	588.34	115.25

27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 16-0001 for wire and cabling.

27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,768.41	211.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0016	EA	Switch And Pilot Light	260.12	93.92
27 41 16 00-0017	LF	Surface Raceway With Outlets	30.75	12.76
27 41 16 00-0018	EA	Service Label	35.88	17.59
27 41 16 00-0019		**Head End Amplifier** *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	1,179.87	140.70
27 41 16 00-0021		**UHF In-Line Booster Amplifier And Power Supply** *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	674.65	140.70
27 41 16 00-0023		**Preamplifiers** *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	852.55	140.70
27 41 16 00-0025	EA	UHF Preamplifier	674.65	140.70
27 41 16 00-0026		**Power Supplies** *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	1,217.94	201.05
27 41 16 00-0028		**Line Splitter And Mixer** *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	98.04	46.90
27 41 16 00-0030	EA	Two-Way Splitter	112.20	46.90
27 41 16 00-0031	EA	Frequency Filter	257.34	70.47
27 41 16 00-0032	EA	Line Splitter And Mixer	299.92	103.46
27 41 16 00-0033		**Power Line Filters** *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	509.17	93.92
27 41 16 00-0035		**Wall Box And Receiver Outlets** *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	257.34	70.47
27 41 16 00-0037	EA	TV Receiver Outlet Plug	112.20	46.90
27 41 16 00-0038	EA	TV Camera Outlet Plug	112.20	46.90
27 41 16 00-0039	EA	Audio Outlet Plug	94.46	46.90
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	197.85	93.92
27 41 16 00-0041	EA	Male Plug PL-259	112.20	46.90
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	129.56	49.20
27 41 16 00-0043		**Propritary Audio-Video Equipment And Accessories** *(27 41 16 00-0001)*		
27 41 16 00-0044	EA	ALS Antenna - Universal Kit (Listen Technologies LA-123)	70.08	
27 41 16 00-0045	EA	ALS Single Ear Bud (Listen Technologies LA-161)	26.28	
27 41 16 00-0046	EA	ALS stereo headphones (Listen Technologies LA-165)	47.40	
27 41 16 00-0047	EA	ALS Body Pack Display FM Receiver (Listen Technologies LR-4200-072)	395.56	
27 41 16 00-0048	EA	ALS RF Transmitter (Listen Technologies LT-800-72-01)	1,543.08	
27 41 16 00-0049	EA	200 watts 70V mono amplifier (Extron XPA 2001-70V)	824.49	
27 41 16 00-0050	EA	Single channel power amplifier (Extron MPA 601-70V)	589.90	
27 41 16 00-0051	EA	Ceiling Dante mic array (Shure MXA910)	10,585.46	
27 41 16 00-0052	EA	A910-HCM mount (Shure A910-HCM)	492.39	
27 41 16 00-0053	EA	6.5" Two-Way Ceiling Speakers, 70/100V, Pair (Extron SF 26CT)	309.03	
27 41 16 00-0054	EA	12x8 ProDSP Processor w/AEC, VoIP, and Dante (60-1513-10) (Extron DMP 128 C P AT)	4,562.70	
27 41 16 00-0055	EA	Four Channel wireless receiver (Shure ULXD4Q)	12,100.72	
27 41 16 00-0056	EA	Wireless handheld microphone (Shure ULXD2/B87A)	1,623.44	
27 41 16 00-0057	EA	UHF bodypack transmitter (Shure ULXD1-G50)	1,145.48	
27 41 16 00-0058	EA	Dante multi-element table mic (Shure MXA310)	2,058.13	
27 41 16 00-0059	EA	Omnidirectional lavalier microphone (Shure WL183)	218.38	
27 41 16 00-0060	EA	Throwable microphone (Catchbox Catchbox Pro)	822.02	
27 41 16 00-0061	EA	98" diagonal 4K display (Planar UR9851)	34,507.57	
27 41 16 00-0062	EA	AV USB bridge (Blackmagic Design BLWEBPTR)	1,019.79	
27 41 16 00-0063	EA	CABLE ADAPTER (Liberty AV Solutions DL-AR397)	111.47	
27 41 16 00-0064	EA	HDSDI 4K to HDMI converter (Blackmagic Design BLMCQSDHD4K2)	1,019.79	
27 41 16 00-0065	EA	DTP Receiver for HDMI (Extron DTP R HWP 4K 331 D)	951.07	
27 41 16 00-0066	EA	DTP Transmitter for HDMI - Decorator-Style (Extron DTP T HWP 4K 331 D)	830.67	
27 41 16 00-0067	EA	HDMI Decorator-Style Tx (Extron DTP T HWP 4K 331 D)	830.67	
27 41 16 00-0068	EA	Three Input Multi-Format Switcher with Integrated DTP Transmitter and Audio Embedding (Extron DTP T DSW 4K 333)	1,914.16	
27 41 16 00-0069	EA	Two Input DTP Transmitter for HDMI and DP with Audio Embedding - Decorator-Style Wallplate (Extron DTP T DWP 4K 332 D)	1,553.00	
27 41 16 00-0070	EA	Extron Cable Cubby 700 (Extron Cable Cubby 700)	842.71	
27 41 16 00-0071	EA	AC+USB 224 US US (2) AC & (2) USB Outlets w Integrated PS 60-1697-01 (Extron AC+USB 224 US Cord w 9.5' Cord)	466.02	
27 41 16 00-0072	EA	Retractor Series/2 VGA-A VGA and 3.5 mm Stereo; 3 feet (90 cm) 70-1065-11 (Extron Retractor VGA-A)	601.95	
27 41 16 00-0073	EA	Retractor Series/2 HDMI HDMI; 3 feet (90 cm) 70-1065-04 (Extron Retractor HDMI)	541.75	
27 41 16 00-0074	EA	DisplayPort-DisplayPort Mini DP to DP; 3 feet (90cm) 70-1065-18 (Extron Retractor MDP-DP)	537.72	
27 41 16 00-0075	EA	Retractor Series/2 Network Network CAT6e; 3 feet (90 cm) 70-1065-03 (Extron Retractor Network)	541.75	
27 41 16 00-0076	EA	Retractor Series/2 USB USB A to USB A; 3 feet (90 cm) 70-1065-05 (Extron Retractor USB)	541.75	
27 41 16 00-0077	EA	80" Interactive Display (SHARP PN-L802B)	27,037.15	
27 41 16 00-0078	EA	75" Infinity Board with PC (Interactive Touch display) (NEC 3720-INF2-75)	32,826.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0079	EA	70" LCD interactive display (Sharp PN-L703B)	14,853.26	
27 41 16 00-0080	EA	50"LED Display with integrated tuner (NEC E505)	3,090.26	
27 41 16 00-0081	EA	Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension (Extron IN1608 xi IPCP MA 70)	6,007.35	
27 41 16 00-0082	EA	Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension (Extron DTP CrossPoint 84 IPCP MA 70)	9,012.26	
27 41 16 00-0083	EA	Media Recorder (400 GB SSD) (Extron SMP 351 60-1324-11)	8,109.90	
27 41 16 00-0084	EA	install Owner Furnished, Digital Signage Media Player (Janus Displays Digital Signage Media Player)	979.63	
27 41 16 00-0085	EA	Extron wireless presentation gateway (Extron ShareLink 250 W)	2,034.56	
27 41 16 00-0086	EA	eBUS Button Panel with 6 Buttons - Decorator-Style 1-Gang (Extron EBP 105 D)	433.40	
27 41 16 00-0087	EA	IP Link Pro Control Processor (Extron IPCP Pro 250)	1,432.62	
27 41 16 00-0088	EA	IP Link Pro Control Processor (3 Serial port) (Extron IPL Pro S3)	1,023.30	
27 41 16 00-0089	EA	10" Wall Mount Touchlink Pro Touchpanel (Extron TLP Pro 1025M)	2,921.37	
27 41 16 00-0090	EA	USB extender (Extron USB Extender Plus R)	830.67	
27 41 16 00-0091	EA	USB extender plus Receiver - Decorator-Style Version (Extron USB Extender Plus D R)	1,023.30	
27 41 16 00-0092	EA	USB extender (Extron USB Extender Plus T)	830.67	
27 41 16 00-0093	EA	OFE Keyboard with Touch pad (Logitech K400 plus 920-007119)	82.38	
27 41 16 00-0094	EA	Ofe mouse (LOGITECH M570)	62.82	
27 41 16 00-0095	EA	HD PTZ Cameras with IP, 3G/HD-SDI, HDMI (Marshall CV620-IP)	3,858.57	
27 41 16 00-0096	EA	PTZ camera with HDSDI output (Panasonic AW-HE40S)	7,132.27	
27 41 16 00-0097	EA	1x4 HDSDI DA (Extron MDA 4V HD-SDI RETIRED PRODUCT)	1,135.17	
27 41 16 00-0098	EA	Four Input 3G-SDI Switcher (Extron SW4 3G HD-SDI RETIRED PRODUCT)	2,019.02	
27 41 16 00-0099	EA	21.5" Monitor (1920x1080) (ASUS VP228)	183.36	
27 41 16 00-0100	EA	Wide-Throw Zoom Lens (Rtio 1.62-2.22:1) (EPSON ELPLW06)	5,972.51	
27 41 16 00-0101	EA	8000 Lumens Laser Projector (EPSON Pro L1300UNL Laser WUXGA 3LCD Projector)	20,889.21	
27 41 16 00-0102	EA	Pre-configured C5 Series Credenza, 2 Bay (Middle Atlantic C5+2 BAY)	3,164.47	
27 41 16 00-0103	EA	SANUS 1U Ultra Quiet Fan (SANUS CAFC01-B1)	226.60	
27 41 16 00-0104	EA	Low profile tilt adjustable flat panel wall (Chief Mfg XTM1U)	591.26	
27 41 16 00-0105	EA	Heavy-Duty Flat Panel Wall Mount for 98" display (Planar Profie Mount (955-0566-00)	473.82	
27 41 16 00-0106	EA	Medium Fusion Micro-Adjustable Tilt Wall Mount (Chief MTM1U)	332.92	
27 41 16 00-0107	EA	Presentation lectern (Spectrum Furniture Honors Lectern (Quote #000203373-2)	8,025.95	
27 41 16 00-0108	EA	RPA series projector mount (Chief Mfg RPA Series)	349.42	
27 41 16 00-0109	EA	12RU Desktop Rack (Middle Atlantic BRK12)	469.73	

27 41 23 Audio-Video Accessories *(27 41)*

27 41 23 00-0001 Signaling *(27 41 23)*

27 41 23 00-0002	EA	Explosion Proof Signaling Strobe Light, Federal #27XST-120	2,664.83	110.29
27 41 23 00-0003	EA	Explosion Proof Signaling Revolving Warning Light, Federal #121X-120	2,550.39	110.29
27 41 23 00-0004	EA	Explosion Proof Signaling Horn, Federal #41X-024-1	2,042.66	110.29
27 41 23 00-0005	EA	Explosion Proof Signaling Horn, Federal #31X-120-3	1,572.83	110.29
27 41 23 00-0006	EA	Hazardous Location Warning Lights, Strobe, Glass, Federal #151XST-120	1,178.09	110.29
27 41 23 00-0007	EA	Hazardous Location Warning Lights, Strobe, Poly, Federal #225XST-120	851.22	110.29
27 41 23 00-0008	EA	Hazardous Location Warning Lights, Steady Burning Light, Federal #191X-0240250	673.39	110.29
27 41 23 00-0009	EA	Visual Signaling Devices, Revolving, Federal #121S-120	714.81	110.29
27 41 23 00-0010	EA	Visual Signaling Devices, Revolving, Federal #371L-120	2,164.10	110.29
27 41 23 00-0011	EA	Visual Signaling Devices, Strobe, Federal #FB2PST-120	786.56	110.29
27 41 23 00-0012	EA	Visual Signaling Devices, Strobe, Federal #131DST-120	1,156.02	110.29
27 41 23 00-0013	EA	Pendant Fixture, Crouse-Hinds EVAS101R Or EVAS201R	4,584.97	110.29
27 41 23 00-0014	EA	Pendant Fixture With Guard, Crouse-Hinds EVAS110R Or EVAS210R	4,640.76	110.29
27 41 23 00-0015	EA	Wall Fixture, Crouse-Hinds EVBS101R Or EVBS201R	4,947.63	110.29

27 41 23 00-0016 Visual And Audible Signals *(27 41 23)*

27 41 23 00-0017	EA	4" x 4" x 2-1/2" Deep Vibrating Horn	243.15	28.74
27 41 23 00-0018	EA	4" x 4" x 3.4" Deep Vibrating Bell	330.10	28.74
27 41 23 00-0019	EA	6" x 6" x 3.8" Deep Vibrating Bell	398.42	28.74
27 41 23 00-0020	EA	8" x 8" x 19-3/4" Deep Resonating Horn	1,338.26	37.36
27 41 23 00-0021	EA	3 Tone Electric Siren, NEMA 3R	1,252.55	37.36
27 41 23 00-0022	EA	16 Tone Electric Siren	1,981.66	43.11
27 41 23 00-0023	EA	Wall Mounting Brackets For Visual Signals	236.95	28.74
27 41 23 00-0024	EA	Wall Mounting Brackets For Explosionproof Visual Signals	630.86	28.74
27 41 23 00-0025	EA	Dome Guard For Explosionproof Visual Signals	97.21	14.37

27 41 33 Master Antenna Television Systems *(27 41)*

27 41 33 00-0001 Antenna Systems *(27 41 33)*

27 41 33 00-0002 Antenna *(27 41 33 00-0001)*

27 41 33 00-0003	EA	Amateur Radio Antenna	1,114.37	172.43
27 41 33 00-0004	EA	Multi-Band Radio Antenna	859.52	172.43

27 41 33 00-0005 Receptacles *(27 41 33 00-0001)*

27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	239.57	70.47
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	239.57	70.47

27 50 Distributed Communications and Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 17		**Video Intercom and Exterior Gate Control System** *(27 51)*		
27 51 17 00-0001		Video Intercom And Exterior Gate Control System *(27 51 17)*		
27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,540.74	144.06
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,233.28	144.06
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	501.65	144.06
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,480.66	72.04
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	2,022.98	72.04
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	148.07	28.81
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,071.78	28.81
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,475.36	28.81
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	474.69	28.81
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	535.90	28.81
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	144.10	14.41
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	156.93	14.41
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,887.67	144.06
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	64.45	5.76
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	784.90	144.06
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	765.07	28.81
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	228.44	28.81
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	255.49	28.81
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	311.34	43.22
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	68.40	14.41
27 51 19		**Sound Masking Systems** *(27 51)*		
27 51 19 00-0001		Sound Masking System *(27 51 19)*		
27 51 19 00-0002	EA	Touch Screen Panel PC PoE 10" (Cambridge Sound Management DSTS10POE) Note: For Sound Masking	4,219.48	344.87
27 51 19 00-0003	EA	12 X 8 X 8 Channel Sound Masking Generator Controller (Cambridge Sound Management DS3008) Note: For Sound Masking	3,485.33	229.90
27 51 19 00-0004	EA	Netgear 24 Port PoE Switch (Cambridge Sound Management DSPoE24) Note: For Sound Masking	1,087.13	114.95
27 51 19 00-0005	EA	24 Port Patch Panel (Cambridge Sound Management DSPP24) Note: For Sound Masking	341.86	57.48
27 51 19 00-0006	EA	Network Sound Masking Processor (Cambridge Sound Management DS8000) Note: For Sound Masking	1,098.54	57.63
27 51 19 00-0007	EA	Network 6" Plenum Speakers White (Cambridge Sound Management DS1356W) Note: For Sound Masking	196.53	43.22
27 51 19 00-0008	EA	Caddy Clip Kit Universal Brackets White (Erico 2H4) Note: For Sound Masking	4.56	
27 51 19 00-0009	EA	Loudspeakers With Mounting Brackets (Cambridge Sound Management DS1398) Note: For Sound Masking	196.53	43.22
27 51 19 00-0010	EA	6U Wall Mount Rack (Cambridge Sound Management DSPPM-6-12) Note: For Sound Masking	508.57	57.63
27 51 19 00-0011	EA	8U Wall Mount Rack (Cambridge Sound Management DSPPM-8-12) Note: For Sound Masking	538.82	57.63
27 51 23		**Intercommunications and Program Systems** *(27 51)*		
27 51 23 20		**Commercial Intercommunications and Program Systems** *(27 51 23)*		
27 51 23 20-0001		Intercom *(27 51 23 20)* Note: Includes classroom software packages.		
27 51 23 20-0002	EA	Basic Shelf (Dukane STARCall 110-3546A)	5,535.77	345.76
27 51 23 20-0003	EA	Expanded Audio Routing Card (Dukane STARCall 110-3524B)	2,620.28	
27 51 23 20-0004	EA	Expanded Audio Switching Card (Dukane STARCall 110-3534D)	1,903.27	
27 51 23 20-0005	EA	Expanded Administrative Telephone Card (Dukane STARCall Dukane 110-3527A)	1,925.40	
27 51 23 20-0006	EA	Protected Balanced Telephone Card (Dukane STARCall 110-3775B)	4,322.08	
27 51 23 20-0007	EA	250 Watt Power Amplifier (Dukane STARCall 1A4250)	3,412.54	
27 51 23 20-0008	EA	Intercom Amplifier Module (Dukane STARCall 110-3544C)	849.88	
27 51 23 20-0009	EA	Administrative Telephone (Dukane STARCall 7A1110)	2,060.39	
27 51 23 20-0010	EA	AM/FM Tuner / CD Player Preamplifier (Dukane STARCall RCD350P)	3,653.75	
27 51 23 20-0011	EA	Digital Display (Dukane STARCall RDU350)	4,078.65	
27 51 23 20-0012	EA	UPS System, 120 Tripp Lite SMARTNET (Emerson PS220RT2-120)	3,545.40	
27 51 23 20-0013	EA	Equipment Cabinet (Atlas Sound 140-18)	1,872.55	
27 51 23 20-0014	EA	Storage Drawer (Atlas Sound SD6-14)	608.75	
27 51 23 20-0015	EA	Master Clock (Dukane 24A715)	4,468.22	
27 51 23 20-0016	EA	Corrective Clock (National Time 030-10EX-LV)	380.73	
27 51 23 20-0017	EA	Clock Backbox (National Time 143-K3)	50.02	
27 51 23 20-0018	EA	Speaker/Transformer Assembly (Dukane 5A606)	47.81	
27 51 23 20-0019	EA	Baffle (Atlas Sound 840-89)	353.66	
27 51 23 20-0020	EA	Surface Mounted Backbox (Atlas Sound SM195-89)	192.62	
27 51 23 20-0021	EA	Dual Call-In Button (Horizon DCSB-1D9)	90.77	
27 51 23 20-0022	EA	Dual Call-In Button With Privacy Control (Horizon DCSB-2P9)	112.90	
27 51 23 20-0023	EA	Telephone Punchblock	52.69	
27 51 23 20-0024	EA	Ground Rail (Edco MGB)	33.76	
27 51 23 20-0025	EA	Surge Suppressor (Edco OPX-048)	56.08	
27 51 23 20-0026	EA	Surge Suppressor (Edco HCO)	58.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50		**Educational Intercommunications and Program Systems** *(27 51 23)*		
27 51 23 50-0001		Intercom And Teacher Activated Security System *(27 51 23 50)*		
27 51 23 50-0002		Central Control Rack *(27 51 23 50-0001)*		
27 51 23 50-0003		Cabinet *(27 51 23 50-0002)*		
27 51 23 50-0004	EA	Cabinet	811.37	213.59
27 51 23 50-0005		Central Switching Exchange *(27 51 23 50-0002)*		
27 51 23 50-0006	EA	Microprocessor Panel	5,879.40	1,421.29
27 51 23 50-0007	EA	Autotrol Panel	2,928.54	703.75
27 51 23 50-0008	EA	Multiplexer Panel	1,642.20	351.87
27 51 23 50-0009	EA	Multifunction Panel	1,527.25	281.52
27 51 23 50-0010		DC Regulated Power Supply *(27 51 23 50-0002)*		
27 51 23 50-0011	EA	DC Regulated Power Supply	585.70	140.70
27 51 23 50-0012		AM - FM Tuner *(27 51 23 50-0002)*		
27 51 23 50-0013	EA	AM - FM Tuner	826.61	70.47
27 51 23 50-0014		Channel 'A' Control Panel *(27 51 23 50-0002)*		
27 51 23 50-0015	EA	Control Panel	1,937.72	140.70
27 51 23 50-0016	EA	Pre-Amplifier	1,119.40	140.70
27 51 23 50-0017		Channel 'B' Control Panel *(27 51 23 50-0002)*		
27 51 23 50-0018	EA	Control Panel	1,653.10	140.70
27 51 23 50-0019	EA	Pre-Amplifier	1,119.40	140.70
27 51 23 50-0020		Speaker Selector Panel *(27 51 23 50-0002)*		
27 51 23 50-0021	EA	Selector Panel	5,167.80	1,421.29
27 51 23 50-0022		Local Sound System Control Panel *(27 51 23 50-0002)*		
27 51 23 50-0023	EA	Local Sound System Control Panel	470.81	70.47
27 51 23 50-0024		Power Amplifier *(27 51 23 50-0002)*		
27 51 23 50-0025	EA	Power Amplifier	1,239.33	70.47
27 51 23 50-0026		Microphone, Tape And Phone Receptacle Input Panel *(27 51 23 50-0002)*		
27 51 23 50-0027	EA	Input Panel. Complete	763.60	140.70
27 51 23 50-0028		Blank Panels *(27 51 23 50-0002)*		
27 51 23 50-0029	EA	Blank Panels	99.93	17.59
27 51 23 50-0030		Principals Signal Button *(27 51 23 50-0002)*		
27 51 23 50-0031	EA	Principals Signal Button	99.93	17.59
27 51 23 50-0032		Sound Motion Picture Modification *(27 51 23 50-0002)*		
27 51 23 50-0033	EA	Matching Transformer	1,538.21	70.47
27 51 23 50-0034	EA	Relay	110.88	35.17
27 51 23 50-0035		Emergency Sound Alarm System *(27 51 23 50-0001)*		
27 51 23 50-0036	EA	Coded Tone Signal Amplifier	1,653.10	140.70
27 51 23 50-0037		Loudspeakers *(27 51 23 50-0001)*		
27 51 23 50-0038		Cost Adjustments *(27 51 23 50-0037)*		
27 51 23 50-0039	EA	Modifier Cost To Add Talk Back/ Listen	815.62	281.52
27 51 23 50-0040	EA	Modifier Cost To Add Steel Guard	526.64	213.59
27 51 23 50-0041		Privacy/Call-In Switch *(27 51 23 50-0001)*		
27 51 23 50-0042	EA	Mount In New Wall	221.76	70.47
27 51 23 50-0043	EA	Mount On Existing Wall	182.06	35.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50-0044		**Local Volume Controls** *(27 51 23 50-0001)*		
27 51 23 50-0045	EA	Typical Control For Speaker Circuits - Complete	242.32	93.92
27 51 23 50-0046	EA	Volume/Mixing Control For Amplifier	692.42	140.70
27 51 23 50-0047	EA	Special Mixing Control Box For Music Room - Band Practice Room (Excluding Cable)	733.09	351.87
27 51 23 50-0048	EA	Principal's And General Office Sound Control (Excludes Cable)	526.12	234.96
27 51 23 50-0049		**Microphone** *(27 51 23 50-0001)*		
27 51 23 50-0050	EA	Announcement Type (Offices Only)	185.35	43.11
27 51 23 50-0051	EA	General Purpose Type	185.35	43.11
27 51 23 50-0052	EA	Play Yard Type (Outside)	273.60	57.48
27 51 23 50-0053	EA	25' Cord With Plug Ends	70.21	17.24
27 51 23 50-0054	EA	Flush Mount Box With Receptacle	203.63	90.59
27 51 23 50-0055	LF	Microphone Cable Heavy-Duty	4.12	0.44
27 51 23 50-0056	EA	Connector Plug	150.55	86.21
27 51 23 50-0057	EA	Single Microphone Receptacle With Stainless Steel Face Plate, Ref. P.19.69	176.06	90.59
27 51 23 50-0058	EA	Duplex Microphone Receptacle With Stainless Steel Face Plate, Ref. P.19.69	223.65	114.95
27 51 23 50-0059	EA	Desk Stand	64.61	17.24
27 51 23 50-0060	EA	Play Yard Stand	155.32	21.62
27 51 23 50-0061	EA	Reading Stand Microphone Holder With Flex Cable	156.16	34.49
27 51 23 50-0062		**CD Player** *(27 51 23 50-0001)*		
27 51 23 50-0063	EA	Portable CD Player With Signal Cable Assembly And Power Cord	728.03	140.70
27 51 23 50-0064		**Cable** *(27 51 23 50-0001)*		
27 51 23 50-0065	LF	Intercom Cable	1.97	0.73
27 51 23 50-0066	LF	Loudspeaker Cable	0.89	0.26
27 51 23 50-0067	LF	Administrative Cable	3.35	0.94
27 51 23 50-0068	LF	Microphone Cable	1.41	0.49
27 51 23 50-0069	EA	Solderless Connector	20.17	11.72
27 51 23 50-0070		**Antenna** *(27 51 23 50-0001)*		
27 51 23 50-0071	EA	Radio Antenna	704.65	213.59
27 51 23 50-0072	EA	Mast With Mounting Hardware Assembly	566.57	281.52
27 51 23 50-0073	EA	Transmission Line Cable	2,972.63	1,172.99
27 51 23 50-0074		**Pilot Lights** *(27 51 23 50-0001)*		
27 51 23 50-0075	EA	Pilot Light Mounted As Specified	245.90	140.70
27 51 23 50-0076		**Equipment For Motion Picture Projector** *(27 51 23 50-0001)*		
27 51 23 50-0077	EA	Female Plug	265.44	140.70
27 51 23 50-0078		**Signal Generator** *(27 51 23 50-0001)*		
27 51 23 50-0079	EA	Transistorized Signal Generator	674.65	140.70
27 51 23 50-0080		**Language Laboratory Equipment** *(27 51 23 50)*		
27 51 23 50-0081		**Teachers Console** *(27 51 23 50-0080)*		
27 51 23 50-0082	EA	Console Desk With Locking Drawers And Doors	5,566.45	140.70
27 51 23 50-0083	EA	Master Tape Playback	1,004.43	70.47
27 51 23 50-0084	EA	Master Tape Recorder	1,182.34	70.47
27 51 23 50-0085	EA	Master Phonograph	648.65	70.47
27 51 23 50-0086	EA	Teachers Control Amplifier Monitor Panel	1,286.31	351.87
27 51 23 50-0087	EA	Student Switch Panels	381.87	70.47
27 51 23 50-0088	EA	AC Power Panel With Switch For Solenoid Release	1,297.23	140.70
27 51 23 50-0089	EA	Teachers Amplifier	1,297.23	140.70
27 51 23 50-0090	EA	Student Audio Active Amplifier With Program And Volume Control	2,008.74	140.70
27 51 23 50-0091	EA	Teacher's Boom Microphone - Headset Combination	1,119.32	140.70
27 51 23 50-0092	EA	Centralized Power Supply	1,882.89	281.52
27 51 23 50-0093	EA	Master Program Distribution Panel	3,995.71	703.75
27 51 23 50-0094	EA	On-Off Panel For Entire Lab	1,464.19	351.87
27 51 23 50-0095	EA	Master CD Player	1,437.66	
27 51 23 50-0096		**Student Positions** *(27 51 23 50-0080)*		
27 51 23 50-0097	EA	Multi-Purpose Table With Electronic Latches	1,527.15	281.52
27 51 23 50-0098	EA	Cassette Recorder	381.87	70.47
27 51 23 50-0099	EA	Boom Microphone Headset Combination With Amplifier And 5' Cable	1,416.18	213.59

27 51 23 63 Detention Intercommunications and Program Systems *(27 51 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 63-0001	EA	Wall Mounted, Electronic Two-Way, Hands-Free Audio, Partition Communication System (Haven Technology, Corp SC-600) Note: Excludes 5 gang electrical backbox.	2,613.90	

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers *(27 51 43)*

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	553.40	115.25
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	795.45	115.25
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	950.82	115.25
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,061.67	115.25
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,330.28	115.25
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,731.96	115.25
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	68.39	5.76

27 51 43 00-0009 Splitters *(27 51 43)*

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,493.02	86.21
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	3,148.77	86.21

27 51 43 00-0012 Speakers *(27 51 43)*

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	207.85	30.81
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	69.15	5.75
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	77.60	5.75
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	122.90	5.75
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	110.81	10.35
27 51 43 00-0018	EA	PA Speakers, 30 Watt Cone Wall Type	962.76	77.25
27 51 43 00-0019	EA	PA Speakers, 15 Watt Cone Wall Type	501.21	77.02
27 51 43 00-0020	EA	PA Speakers, 15 Watt Ceiling Type	501.21	77.02
27 51 43 00-0021	EA	PA Speakers, 15 Watt Dual Cone Wall Type	848.37	77.02
27 51 43 00-0022	EA	PA Speakers, Ceiling Speaker, 7-1/2" Diameter With 4" Speaker Area, Vinyl Clad Round Metal Grille	167.44	45.98
27 51 43 00-0023	EA	PA Speakers, 12 Watt Standard Paging Speaker With 360 Degree Swivel Bracket	403.20	45.98
27 51 43 00-0024	EA	PA Speakers, 15 Watt Standard Paging Speaker With Dustproof/Moistureproof Housing, Indoor/Outdoor	585.12	45.98
27 51 43 00-0025	EA	PA Speakers, 30 Watt Standard Paging Box Speaker, High Impact Plastic, 8 Ohm	390.99	45.98
27 51 43 00-0026	EA	PA Speakers, 30 Watt Standard Paging Box Speaker, High Impact Plastic, 25 Volt / 70 Volt / 100 Volt	463.77	45.98
27 51 43 00-0027	EA	PA Speakers, 60 Watt Marine Speaker, High Impact Acrylonitrile Butadiene Styrene (ABS) Plastic	772.90	45.98
27 51 43 00-0028	EA	PA Speakers, 15 Watt Hazardous Location Speaker, Class I, Division 1, Groups A, B, C, D; Class II, Division 2, Groups F And G	591.32	45.98
27 51 43 00-0029	EA	PA Speakers, 30 Watt Hazardous Location Speaker, Class I, Division 1, Groups A, B, C, D; Class II, Division 2, Groups F And G	1,097.50	45.98
27 51 43 00-0030	EA	PA Speakers, 15 Watt Explosionproof Speaker, Class I, Division 1, Groups B, C, D; Class II, Division 1, Groups E, F And G	1,878.94	45.98
27 51 43 00-0031	EA	Warning Horn, 120 Volt AC, 4" x 4", 100 dB, Outdoor Use	370.28	45.98
27 51 43 00-0032	EA	Cast Aluminum Weatherproof Box For Warning Horn, 4-3/8" x 4-3/8", Outdoor Use	162.65	22.99

27 51 43 00-0033 Accessories *(27 51 43)*

27 51 43 00-0034	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	336.18	14.41
27 51 43 00-0035	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	759.93	14.41
27 51 43 00-0036	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	186.23	28.81
27 51 43 00-0037	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	351.07	28.81
27 51 43 00-0038	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	254.65	28.74
27 51 43 00-0039	EA	Microphone Jack For Audio/Video System	114.00	28.81
27 51 43 00-0040	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	996.00	115.25
27 51 43 00-0041	EA	Volume Control For Audio/Video System (Bogen AT10A)	108.66	28.81
27 51 43 00-0042	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	74.09	28.81

27 51 43 00-0043 Removal And Reinstallation Of Speakers *(27 51 43)*

Note: Includes storage, cleaning and supply materials.

27 51 43 00-0044	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	160.93	

27 52 Healthcare Communications and Monitoring Systems *(27 50)*

27 52 23 Nurse Call/Code Blue Systems *(27 52)*

27 52 23 00-0001 Wireless Equipment Nurses Call Systems *(27 52 23)*

Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.

27 52 23 00-0002 Wireless Nurses Call System *(27 52 23 00-0001)*

27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	8,608.17	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	9,508.51	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	6,108.59	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	4,928.92	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	4,431.34	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	3,933.63	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	1,036.25	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	499.96	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	33.20	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	729.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	729.38	
27 52 23 00-0014	EA	Remote Reset Button; S35R	707.68	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	496.86	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	42.50	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	611.55	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,951.71	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	1,238.19	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	956.11	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	956.11	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	1,191.69	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	2,026.40	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	4,044.20	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	11,463.91	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	3,878.33	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	20,267.05	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	88.54	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	79.24	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	35.85	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	20,037.06	
27 52 23 00-0032	EA	Serial Printer; NCSP	2,066.95	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	39.40	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	76.59	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	39.40	
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	8,822.96	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	1,244.68	
27 52 23 00-0038		Wireless Nurses Call Tele/Management System *(27 52 23 00-0001)*		
27 52 23 00-0039	EA	Tele/Management Unit; TP12	4,714.20	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	4,684.17	
27 52 23 00-0041		Wireless Nurses Call Paging System *(27 52 23 00-0001)*		
27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	14,163.09	
27 52 23 00-0043	EA	Removal And Replacement Of Antenna For RPE673; RPE673AN	995.23	
27 52 23 00-0044	EA	Removal And Replacement Of Power For RPE673; RPE673PS	1,348.60	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	1,655.47	
27 52 23 00-0046	EA	Removal And Replacement Of Holster For RPR583; RPR583H	88.07	
27 52 23 00-0047		Equipment Nurses Call Systems *(27 52 23)*		
27 52 23 00-0048	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	290.90	59.78
27 52 23 00-0049	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	3,251.68	239.11
27 52 23 00-0050	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	302.02	78.17
27 52 23 00-0051	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	1,451.53	229.90
27 52 23 00-0052	EA	Nurses Call System, Duty Station Intercommunication Equipment	750.32	179.33
27 52 23 00-0053	EA	Nurses Call System, Staff Station Intercommunication Equipment	404.92	59.78
27 52 23 00-0054	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	382.39	59.78
27 52 23 00-0055	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	579.80	104.61
27 52 23 00-0056	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	168.68	45.98
27 52 23 00-0057	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	154.17	45.98
27 52 23 00-0058	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	112.46	29.88
27 52 23 00-0059	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	162.48	45.98
27 52 23 00-0060	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	262.14	29.88
27 52 23 00-0061	EA	Nurses Call System, Cord Set Intercommunication Equipment	123.38	29.88
27 52 23 00-0062	EA	Nurse Call System, Master-20 Station	6,711.22	229.90
27 52 23 00-0063	EA	Dukane Duty Station - Tone Only, PC1000	1,052.12	179.45
27 52 23 00-0064		Aiphone Entry System/Nursing Pull Station *(27 52 23)*		
27 52 23 00-0065	EA	Call Master 50 (Aiphone Model #NHX50M)	2,808.20	229.90
27 52 23 00-0066	EA	Call Add on 30 (Aiphone Model #NHX30G)	1,564.91	57.48
27 52 23 00-0067	EA	Central Control Unit (Aiphone Model #NHX80X)	3,434.82	344.87
27 52 23 00-0068	EA	Call add on/CCU 30 (Aiphone Model #NHR30X)	1,564.91	57.48
27 52 23 00-0069	EA	Power Supply (Aiphone Model #PS240UL)	288.32	11.50
27 52 23 00-0070	EA	Bedroom Station (Aiphone Model #NH1SAA)	439.47	57.48
27 52 23 00-0071	EA	7' Cord (Aiphone Model #NHR8A)	69.90	5.75
27 52 23 00-0072	EA	Cable, 5 Pair, 22 AWG, Shielded (Aiphone Model #86221025A)	1,511.75	586.27
27 52 23 00-0073	EA	Cable, 3 Pair, 22 AWG, Shielded (Aiphone Model #82220350C)	1,347.64	487.38

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*

27 53 13 13-0002 Master Clock (Sapling SMA 2000 Series) *(27 53 13 13-0001)*

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.

27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	8,270.54	86.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,746.90	86.21
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,697.84	86.21
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	5,174.20	86.21
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,260.40	
27 53 13 13-0008		Wireless Repeaters (Sapling) *(27 53 13 13-0001)*		
27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	2,014.72	57.48
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,258.57	57.48
27 53 13 13-0011		Wireless Round Analog Clocks (Sapling SAL-4 Series) *(27 53 13 13-0001)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	432.95	28.74
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	271.36	28.74
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	518.78	28.74
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	307.00	28.74
27 53 13 13-0016		Wireless GPS Accesories (Sapling) *(27 53 13 13-0001)*		
27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	81.84	22.99
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	117.71	22.99
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	1,042.02	50.30
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,855.40	71.85
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	653.39	5.75
27 53 13 13-0022		2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) *(27 53 13 13)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,370.46	86.21
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,402.12	86.21
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,682.45	86.21
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,714.12	86.21
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	182.15	22.99
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	182.15	22.99
27 53 13 13-0029	EA	Set-up Charge For Clock Message, Per Clock (Sapling CLK-MSG-SETUP)	32.60	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	262.51	2.87
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	525.01	5.75
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	95.41	2.87
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	19.08	0.57
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	119.09	5.75
27 53 13 13-0035		2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series) *(27 53 13 13)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	6,861.79	86.21
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	9,449.90	86.21
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	3,024.86	57.48
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,732.52	57.48
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,260.40	
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,613.90	
27 53 13 13-0042		Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) *(27 53 13 13)* Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	439.55	14.37
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	439.55	14.37
27 53 13 13-0045		Wire Guards For Wireless Synchronized Clocks (Sapling) *(27 53 13 13)*		
27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	242.13	14.37
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	338.36	14.37
27 53 13 13-0048		Wireless Synchronized Clock Transmitters *(27 53 13 13)*		
27 53 13 13-0049		Analog, Wireless Synchronized Clocks (Primex Traditional Series) *(27 53 13 13-0048)*		
27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	342.78	28.74
		For >100 To 250, Deduct	*-59.95*	
		For >250, Deduct	*-71.36*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	628.08	28.74
		For >100 To 250, Deduct	*-39.98*	
		For >250, Deduct	*-48.53*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	401.80	28.74
		For >100 To 250, Deduct	*-70.57*	
		For >250, Deduct	*-84.34*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	391.97	28.74
		For >100 To 250, Deduct	*-68.80*	
		For >250, Deduct	*-82.18*	
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	726.45	28.74
		For >100 To 250, Deduct	*-45.39*	
		For >250, Deduct	*-55.42*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	450.99	28.74
		For >100 To 250, Deduct	*-51.88*	
		For >250, Deduct	*-67.62*	
27 53 13 13-0056		Digital, Wireless Synchronized Clocks (Primex Digital Series) *(27 53 13 13-0048)*		
27 53 13 13-0057		4-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	510.02	28.74
		For Green LED, Add	*45.25*	
		For >100 To 250, Deduct	*-44.80*	
		For >250, Deduct	*-67.42*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	962.56	28.74
		For Green LED, Add	*90.51*	
		For >100 To 250, Deduct	*-99.10*	
		For >250, Deduct	*-252.96*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	569.05	28.74
		For Green LED, Add	*51.16*	
		For >100 To 250, Deduct	*-31.61*	
		For >250, Deduct	*-46.96*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	1,080.62	28.74
		For Green LED, Add	*102.31*	
		For >100 To 250, Deduct	*-90.44*	
		For >250, Deduct	*-284.84*	
27 53 13 13-0062		6-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	569.05	28.74
		For Green LED, Add	*51.16*	
		For >100 To 250, Deduct	*-36.73*	
		For >250, Deduct	*-53.10*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	1,080.62	28.74
		For Green LED, Add	*102.31*	
		For >100 To 250, Deduct	*-81.23*	
		For >250, Deduct	*-192.76*	
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	667.43	28.74
		For Green LED, Add	*61.00*	
		For >100 To 250, Deduct	*-29.94*	
		For >250, Deduct	*-45.19*	
27 53 13 13-0066		Wire Guards For Wireless Synchronized Clocks *(27 53 13 13-0048)*		
27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	176.31	14.37
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	77.93	14.37
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	87.77	14.37
27 53 13 13-0070		Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
		Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	3,900.98	86.21
		For Roof Mounted GPS Receiver, Add	*544.69*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E)	6,370.28	86.21
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
		For Roof Mounted GPS Receiver, Add	*791.62*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006)	3,843.50	57.48
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0074		Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	341.12	22.99
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	148.29	22.99
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	231.87	11.50
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	189.31	28.74
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	263.29	43.11
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	390.41	57.48
27 53 13 16		**Wired Clock Systems** *(27 53 13)*		
27 53 13 16-0001		Wired Self-Corrective Clock Systems *(27 53 13 16)*		
27 53 13 16-0002		Wired Self-Corrective Clocks *(27 53 13 16-0001)*		
27 53 13 16-0003		Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0004		24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	290.64	28.74
		For >50 To 100, Deduct	*-17.92*	
		For >100, Deduct	*-27.24*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	706.78	28.74
		For >50 To 100, Deduct	*-34.56*	
		For >100, Deduct	*-60.54*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	367.37	28.74
		For >50 To 100, Deduct	*-24.09*	
		For >100, Deduct	*-36.48*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	936.98	28.74
		For >50 To 100, Deduct	*-96.54*	
		For >100, Deduct	*-131.72*	
27 53 13 16-0009		120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	290.64	28.74
		For >50 To 100, Deduct	*-17.92*	
		For >100, Deduct	*-27.24*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	706.78	28.74
		For >50 To 100, Deduct	*-34.56*	
		For >100, Deduct	*-60.54*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	367.37	28.74
		For >50 To 100, Deduct	*-24.09*	
		For >100, Deduct	*-36.48*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	936.98	28.74
		For >50 To 100, Deduct	*-96.54*	
		For >100, Deduct	*-131.72*	
27 53 13 16-0014		Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	242.71	14.37
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	58.25	14.37
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	75.23	14.37
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	92.94	14.37
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	158.83	22.99
27 53 13 16-0020		Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0021		24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	361.47	28.74
		For Surface Mount, Add	*60.80*	
		For >50 To 100, Deduct	*-18.24*	
		For >100, Deduct	*-30.40*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	562.16	28.74
		For Surface Mount, Add	*100.94*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-50.47*	
27 53 13 16-0024		120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	361.47	28.74
		For Surface Mount, Add	*60.80*	
		For >50 To 100, Deduct	*-18.24*	
		For >100, Deduct	*-30.40*	
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	562.16	28.74
		For Surface Mount, Add	*100.94*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-50.47*	
27 53 13 16-0027		Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	307.62	28.74
		For >50 To 100, Deduct	*-15.01*	
		For >100, Deduct	*-25.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	513.46	28.74
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-45.60*	
27 53 13 16-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	307.62	28.74
		For >50 To 100, Deduct	*-15.01*	
		For >100, Deduct	*-25.01*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	513.46	28.74
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-45.60*	
27 53 13 16-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	332.73	14.37
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	75.96	14.37
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	106.95	14.37
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	289.93	14.37
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	78.18	14.37
27 53 13 16-0039		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0001)*		
27 53 13 16-0040		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	3,405.27	229.90
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	3,626.62	229.90
27 53 13 16-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	338.53	57.48
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	385.00	57.48
27 53 13 16-0046		**Other Clock And Program Systems** *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	2,025.49	114.95
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,425.66	229.90
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	287.86	57.48
27 53 13 16-0050	EA	Combination Clock And Speaker	650.12	143.69

END OF SECTION 27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Security Door (Vindicator #192-30894-00)	1,628.30	239.68
28 15 11 13-0003	EA	Security Detector, Passive Infrared (Vindicator #316-30812-00)	2,059.74	311.53
28 15 11 13-0004	EA	Premise Security Control Unit (Vindicator #548-32004-01)	11,711.12	682.83
28 15 11 13-0005	EA	Access Manager Security Key Pad (Vindicator #548-31894-01)	5,565.89	581.89
28 15 11 13-0006	EA	ALS Duress Security Switch (Vindicator #192-30810-00)	1,287.81	318.31

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand-Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount to a standard mullion.	144.03	28.74
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	151.24	28.74
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand-Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	192.71	28.74

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	182.49	28.74
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	891.26	86.21
28 16 11 00-0010	EA	Three Button, Exterior Stand-Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	300.90	28.74

28 16 11 00-0011 Key Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	206.23	28.74

28 16 11 00-0014 Exterior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand-Alone Access Controls Note: Opens door or gate with a postal or fire department key.	313.29	57.48
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand-Alone Access Controls	504.41	57.48
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand-Alone Access Controls	504.41	57.48
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand-Alone Access Controls	778.48	57.48

28 16 11 00-0019 Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand-Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	291.88	28.74
28 16 11 00-0022	EA	One Code Memory, Keyless Electronic Lock With Handle (Digilock DAK1-ATS) Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	231.24	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0023	EA	One Code Memory, Keyless Electronic Lock (Digilock DAK1-ATS) Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	204.46	28.74
28 16 11 00-0024		Exterior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)* Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0025		Keypad Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0024)*		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Control, Exterior Stand-Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,221.59	114.95
		For Flush Mount, Add	*223.13*	
28 16 11 00-0027		Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls *(28 16 11 00-0024)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0028	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,484.73	129.32
		For Flush Mount, Add	*275.87*	
28 16 11 00-0029		RF Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0030		Exterior Mount, RF Controls, Stand-Alone Access Controls *(28 16 11 00-0029)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0031		RF Receivers, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0030)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0032	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	716.73	114.95
28 16 11 00-0033	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	814.10	114.95
28 16 11 00-0034	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	907.86	114.95
28 16 11 00-0035	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,008.83	114.95
28 16 11 00-0036	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,102.59	114.95
28 16 11 00-0037	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,203.56	114.95
28 16 11 00-0038	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,297.32	114.95
28 16 11 00-0039		RF Transmitters, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0030)*		
28 16 11 00-0040	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	61.30	
		For >40 To 110, Deduct	*-3.07*	
		For >110, Deduct	*-6.13*	
		For Built In Proximity Tags, Add	*12.26*	
28 16 11 00-0041	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	64.91	
		For >40 To 110, Deduct	*-3.25*	
		For >110, Deduct	*-6.49*	
		For Built In Proximity Tags, Add	*12.98*	
28 16 11 00-0042	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	68.52	
		For >40 To 110, Deduct	*-3.43*	
		For >110, Deduct	*-6.85*	
		For Built In Proximity Tags, Add	*13.70*	
28 16 11 00-0043		Accessories For RF Receivers, Exterior Stand-Alone Access Controls *(28 16 11 00-0030)*		
28 16 11 00-0044	EA	Coax Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 15' of coax cable.	258.98	86.21
28 16 11 00-0045	EA	Antenna Amplifier For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 20' of coax cable.	533.05	86.21
28 16 11 00-0046	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls Note: Includes 15' of coax cable.	482.56	86.21
28 16 11 00-0047		Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0048		Exterior Mount, Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0047)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0049		DKS Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0048)*		
28 16 11 00-0050		DKS Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0049)*		
28 16 11 00-0051	EA	DKS Proximity Card Reader, Exterior Stand-Alone Access Controls	1,401.90	114.95
28 16 11 00-0052		AWID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0048)*		
28 16 11 00-0053		AWID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0052)*		
28 16 11 00-0054	EA	AWID Proximity Card Reader, Exterior Stand-Alone Access Controls	1,528.11	114.95
28 16 11 00-0055		HID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0048)*		
28 16 11 00-0056		HID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0055)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0057	EA	HID Proximity Card Reader, Exterior Stand-Alone Access Controls	1,816.61	114.95
28 16 11 00-0058		Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0059		Interior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0058)*		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Interior Stand-Alone Access Controls	824.91	114.95
28 16 11 00-0061		Exterior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0058)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0062	EA	Magnetic Stripe Reader, Exterior Stand-Alone Access Controls	1,028.54	114.95
28 16 11 00-0063		Other Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0064	EA	Toggle Switch, Interior Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	138.62	28.74
28 16 11 00-0065	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	149.87	22.99
28 16 11 00-0066		Wiegand Output Access Controls *(28 16 11)* Note: Excludes controllers.		
28 16 11 00-0067		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0068		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0067)*		
28 16 11 00-0069		DKS, Proximity Cards *(28 16 11 00-0068)*		
28 16 11 00-0070	EA	Clamshell Type, DKS Proximity Card (DKS 170)	9.59	
28 16 11 00-0071	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	15.82	
28 16 11 00-0072	EA	DKS Proximity Key Fob (DKS 50)	16.66	
28 16 11 00-0073	EA	Active Tag, DKS Proximity Tag (DKS 150) Note: Battery powered tag to boost signal.	94.24	
28 16 11 00-0074	EA	Active Tag, DKS Proximity Tag (DKS 200) Note: Battery powered tag to boost signal.	122.85	
28 16 11 00-0075		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0068)*		
28 16 11 00-0076	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	479.23	143.69
28 16 11 00-0077	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	479.23	143.69
28 16 11 00-0078	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	479.23	143.69
28 16 11 00-0079	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS) Note: Includes mounting bracket and 12 Volt DC regulated power supply.	1,377.88	143.69
28 16 11 00-0080		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0067)*		
28 16 11 00-0081		AWID, Proximity Cards *(28 16 11 00-0080)*		
28 16 11 00-0082	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	8.08	
28 16 11 00-0083	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.62	
28 16 11 00-0084	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	13.46	
28 16 11 00-0085	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	47.12	
28 16 11 00-0086	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	47.12	
28 16 11 00-0087		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0080)*		
28 16 11 00-0088	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) Note: For mullion mounting.	590.30	143.69
28 16 11 00-0089	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) Note: For mullion mounting.	832.63	143.69
28 16 11 00-0090	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) Note: For single gang electrical box mounting.	832.63	143.69
28 16 11 00-0091	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) Note: Includes 12 Volt DC regulated power supply.	1,381.25	143.69
28 16 11 00-0092	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000) Note: Includes mounting bracket and 12 Volt DC regulated power supply.	7,964.63	143.69
28 16 11 00-0093		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0067)*		
28 16 11 00-0094		HID, Proximity Cards *(28 16 11 00-0093)*		
28 16 11 00-0095	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	18.38	
28 16 11 00-0096	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	24.44	
28 16 11 00-0097	EA	HID Proximity Key Fob (HID ProxKey II)	25.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0098		**HID, Proximity Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0093)*		
28 16 11 00-0099	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	541.15	143.69
28 16 11 00-0100	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	643.69	143.69
28 16 11 00-0101	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	720.59	143.69
28 16 11 00-0102	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	928.22	143.69
28 16 11 00-0103		**Contactless Smart Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0066)*		
28 16 11 00-0104		**HID, Contactless Smart Cards** *(28 16 11 00-0103)*		
28 16 11 00-0105	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.81	
28 16 11 00-0106	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	16.17	
28 16 11 00-0107	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	21.16	
28 16 11 00-0108	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	11.45	
28 16 11 00-0109		**HID, Contactless Smart Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0103)*		
28 16 11 00-0110	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	554.48	143.69
28 16 11 00-0111	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	776.61	143.69
28 16 11 00-0112	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,276.43	143.69
28 16 11 00-0113		**HID, Contactless Smart Card Programmer, Wiegand Output Access Controls** *(28 16 11 00-0103)*		
28 16 11 00-0114	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	4,087.54	143.69
28 16 11 00-0115		**Call Station Controls, Wiegand Output Access Controls** *(28 16 11 00-0066)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0116	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,585.59	143.69
28 16 11 00-0117	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,315.13	143.69
28 16 11 00-0118		**Biometrics Readers, Wiegand Output Access Controls** *(28 16 11 00-0066)*		
28 16 11 00-0119	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	7,017.22	114.95
28 16 11 00-0120	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	8,576.89	114.95
28 16 11 00-0121	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,364.92	114.95
28 16 11 00-0122	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	2,067.83	114.95
28 16 11 00-0123	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,305.84	114.95
28 16 11 00-0124	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	2,067.83	114.95
28 16 11 00-0125		**Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0126		**2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0125)*		
28 16 11 00-0127	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	490.64	52.40
28 16 11 00-0128	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	916.16	52.40
28 16 11 00-0129	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	447.36	52.40
28 16 11 00-0130		**4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0125)*		
28 16 11 00-0131	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	868.61	62.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0132	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	1,027.28	62.87
28 16 11 00-0133	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	648.63	62.87
28 16 11 00-0134		**4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0125)*		
28 16 11 00-0135	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,735.57	78.58
28 16 11 00-0136	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,861.78	78.58
28 16 11 00-0137	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,220.98	26.20
28 16 11 00-0138	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,906.15	78.58
28 16 11 00-0139		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0140	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	659.07	
28 16 11 00-0141	EA	7 Amperes, 12 Volt, Battery	88.64	
28 16 11 00-0142	EA	18 Amperes, 12 Volt, Battery	197.57	
28 16 11 00-0143	EA	Door Personality Module (Sensormatic RM-4)	719.09	28.74
28 16 11 00-0144	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	283.51	57.48
28 16 11 00-0145	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	82.05	34.49
28 16 11 00-0146	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	802.15	22.99
28 16 11 00-0147	EA	Surge Suppressor (Tripp-Lite IBAR4)	120.46	5.76
28 16 11 00-0148	EA	Door Strike Relay (Altronix RBSN-TTL)	79.60	22.99
28 16 11 00-0149	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	476.96	
28 16 11 00-0150	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	685.18	143.69
28 16 11 00-0151		**Access Controllers** *(28 16 11)*		
28 16 11 00-0152		**Microterm Controller** *(28 16 11 00-0151)*		
28 16 11 00-0153	EA	Microterm Stand-Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,824.90	143.69
28 16 11 00-0154	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,330.36	86.21
28 16 11 00-0155	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	639.91	
28 16 11 00-0156		**Miniterm Controller** *(28 16 11 00-0151)*		
28 16 11 00-0157	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,880.48	143.69
28 16 11 00-0158	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	2,193.12	86.21
28 16 11 00-0159		**Super-2 Controller** *(28 16 11 00-0151)*		
28 16 11 00-0160	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,121.57	143.69
28 16 11 00-0161	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,467.80	86.21
28 16 11 00-0162	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	393.29	86.21
28 16 11 00-0163		**Smarterm Controller** *(28 16 11 00-0151)*		
28 16 11 00-0164	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	6,087.10	172.43
28 16 11 00-0165	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,707.96	86.21
28 16 11 00-0166	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,820.90	86.21
28 16 11 00-0167	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,596.38	86.21
28 16 11 00-0168	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	2,015.29	86.21
28 16 11 00-0169	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	2,015.29	86.21
28 16 11 00-0170		**Superterm-4 Controller** *(28 16 11 00-0151)*		
28 16 11 00-0171	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,613.88	172.43
28 16 11 00-0172	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,628.41	86.21
28 16 11 00-0173		**Superterm-8 Controller** *(28 16 11 00-0151)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0174	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800)	7,454.33	287.38
		Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.		
28 16 11 00-0175	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP)	8,100.55	287.38
		Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.		
28 16 11 00-0176	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	6,238.96	86.21
28 16 11 00-0177		**Turbo Superterm-4 Controller** *(28 16 11 00-0151)*		
28 16 11 00-0178	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT)	5,613.88	172.43
		Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.		
28 16 11 00-0179	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,628.41	86.21
28 16 11 00-0180		**Turbo Superterm-8 Controller** *(28 16 11 00-0151)*		
28 16 11 00-0181	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T)	7,454.33	287.38
		Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.		
28 16 11 00-0182	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP)	8,100.55	287.38
		Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.		
28 16 11 00-0183	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	6,238.96	86.21
28 16 11 00-0184	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2)	2,596.38	86.21
		Note: Up to 140,000 cardholders.		
28 16 11 00-0185	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2)	2,182.78	86.21
		Note: Up to 140,000 cardholders.		
28 16 11 00-0186	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB)	2,017.38	86.21
		Note: 16 Output relays, 8 alarm inputs.		
28 16 11 00-0187	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB)	2,017.38	86.21
		Note: (Supervised) 16 Alarm inputs.		
28 16 11 00-0188	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	828.90	
28 16 11 00-0189		**Intelligent Controller** *(28 16 11 00-0151)*		
28 16 11 00-0190	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,440.93	86.21
28 16 11 00-0191	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,476.19	143.69
28 16 11 00-0192		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0193	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)	40,927.69	
		Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.		
28 16 11 00-0194		**Magnetic Locks** *(28 16 11)*		
		Note: Excludes access controls.		
28 16 11 00-0195		**Magnetic Door Locks** *(28 16 11 00-0194)*		
28 16 11 00-0196		**300 Lb. Magnetic Door Locks** *(28 16 11 00-0195)*		
28 16 11 00-0197	EA	Single Door, Surface Mount, 300 Lb. Magnetic Door Lock	659.03	114.95
28 16 11 00-0198		**600 Lb. Magnetic Door Locks** *(28 16 11 00-0195)*		
28 16 11 00-0199	EA	600 Lb., Single Door, Surface Mount, Magnetic Door Lock	956.54	114.95
		For LED Status Indicator And Signal Relay, Add	*90.83*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*181.66*	
		For Mortise Mount, Deduct	*-145.33*	
28 16 11 00-0200	EA	600 Lb., Dual Doors, Surface Mount, Magnetic Door Lock	1,445.17	114.95
		For LED Status Indicator And Signal Relay, Add	*151.91*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*303.82*	
28 16 11 00-0201		**1,200 Lb. Magnetic Door Locks** *(28 16 11 00-0195)*		
28 16 11 00-0202	EA	1,200 Lb., Single Door, Surface Mount, Magnetic Door Lock	1,001.62	114.95
		For LED Status Indicator And Signal Relay, Add	*177.50*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*231.52*	
28 16 11 00-0203	EA	Dual Doors, Surface Mount, 1,200 Lb. Magnetic Door Lock	1,542.54	114.95
		For LED Status Indicator And Signal Relay, Add	*301.91*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*393.79*	
28 16 11 00-0204		**2,000 Lb. Shear Lock, Magnetic And Mechanical Locks** *(28 16 11 00-0195)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0205	EA	Single Door, Mortise Mount, 2,000 Lb. Shear Lock, Magnetic And Mechanical Door Lock	1,050.30	114.95
28 16 11 00-0206		**Magnetic Gate Locks** *(28 16 11 00-0194)*		
28 16 11 00-0207		**600 Lb. Magnetic Gate Locks** *(28 16 11 00-0206)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0208	EA	600 Lb. Magnetic Gate Lock	778.03	114.95
28 16 11 00-0209		**1,200 Lb. Magnetic Gate Locks** *(28 16 11 00-0206)*		
28 16 11 00-0210	EA	1,200 Lb. Magnetic Gate Lock	942.11	114.95
		For LED Status Indicator And Signal Relay, Add	*89.03*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*178.05*	
		For Mortise Mount, Deduct	*-142.44*	
28 16 11 00-0211		**Magnetic Lock Power Supply And Chargers** *(28 16 11 00-0194)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0212	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	568.11	114.95
28 16 11 00-0213	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	731.59	114.95
28 16 11 00-0214	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	827.76	114.95
28 16 11 00-0215	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,048.93	114.95
28 16 11 00-0216		**NexWatch Access Control Devices** *(28 16 11)*		
28 16 11 00-0217		**Analog Card Reader System** *(28 16 11 00-0216)*		
28 16 11 00-0218	EA	ALTO 818SC, 8-Door System Controller, Supports Analog, Digital Readers and Keypad	16,641.91	1,379.45
28 16 11 00-0219	EA	Power Supply, Multi Outputs 3718S Power Supply Battery Standby System, Selectable	4,502.94	344.87
28 16 11 00-0220	EA	774A-1 Multi-Switch Monitor (MSM) with enclosure	1,540.67	183.92
28 16 11 00-0221	EA	2708 Analog Reader	1,540.67	183.92
28 16 11 00-0222		**Digital Card Reader System** *(28 16 11 00-0216)*		
28 16 11 00-0223	EA	PI-1 Power Inserter (24 Volt) with power cable, 115 Volt	1,991.35	206.91
28 16 11 00-0224	EA	PI Universal power supply, 110/220	568.91	86.21
28 16 11 00-0225	EA	NexLine Coax Adapter	402.35	45.98
28 16 11 00-0226	EA	NexLine Plus MSM Replacement And Coax Adapter	1,598.36	109.20
28 16 11 00-0227	EA	Star I Controller	4,437.08	402.34
28 16 11 00-0228	EA	Star II Controller	4,437.08	402.34
28 16 11 00-0229	EA	Star I And II Controller Four Door Chip Set	2,303.22	201.17
28 16 11 00-0230	EA	Star I And II Controller Eight Door Chip Set	4,006.52	201.17
28 16 11 00-0231	EA	Large Cabinet (room for three full-size boards or six half-height boards 25" x 21" x 4")	1,099.77	155.19
28 16 11 00-0232	EA	Micro 16/8 Board	4,565.84	80.47
28 16 11 00-0233	EA	DR4201 Low Profile DigiReader (HID Compatible)	954.67	229.90
28 16 11 00-0234	EA	DR4203 Mullion-Mount DigiReader	1,431.15	270.14
28 16 11 00-0235	EA	DR4205K DigiReader with Integrated Keypad, 12 - 24 Volt with Tamper	1,431.15	270.14
28 16 11 00-0236	EA	DR4208 Digital Proximity Reader with Increased Read Range	1,305.31	270.14
28 16 11 00-0237	EA	DR4208K DigiReader with Integrated Keypad	1,431.15	270.14
28 16 11 00-0238	EA	DR4208GM DigiReader with Glass-Mount Capability	1,557.00	270.14
28 16 11 00-0239	EA	DR4220 Long Range Proximity Reader	2,689.63	270.14
28 16 11 00-0240	EA	Trim Plate for DR4201	58.86	5.75
28 16 11 00-0241	EA	Trim Plate for DR4205	109.53	5.75
28 16 11 00-0242	EA	Standoff	114.76	8.62
28 16 11 00-0243	EA	PS2805AD Dual Mode Digital/Analog Proximity Sensor	1,468.90	103.46
28 16 11 00-0244	EA	DR4200K DigiReader Weatherized 10-Key Keypad Reader	1,069.21	68.97
28 16 11 00-0245		**Radionics Alarm** *(28 16 11 00-0216)*		
28 16 11 00-0246	EA	2212 Alarm Package	1,516.59	183.92
28 16 11 00-0247	EA	7412 8 - 156 Zone Panel	2,792.22	344.87
28 16 11 00-0248	EA	1255D Alpha Numeric Key Pad	476.23	57.48
28 16 11 00-0249	EA	2071 Fire Dialer Ademco Alarm Button	240.95	28.74
28 16 11 00-0250		**Master Door Buzzer Stations** *(28 16 11)*		
28 16 11 00-0251		**Master Stations** *(28 16 11 00-0250)*		
28 16 11 00-0252	EA	Master Stations, 5 Station Intercommunication Equipment	1,177.86	179.33
28 16 11 00-0253	EA	Master Stations, 10 Station Intercommunication Equipment	1,749.40	347.16
28 16 11 00-0254	EA	Master Station, Desk Style Remote Intercommunication Equipment	502.98	89.66
28 16 11 00-0255	EA	Master Station, Flush Wall Remote Intercommunication Equipment	634.42	149.44
28 16 11 00-0256	EA	Sound System Outlet, Protector	157.55	58.51
28 16 11 00-0257	EA	Sound System Microphone Outlet	271.00	119.78
28 16 11 00-0258	EA	Ceiling Or Wall, Sound System Speaker	216.08	58.51
28 16 11 00-0259	EA	Sound System Monitor Panel	644.83	119.78
28 16 11 00-0260	EA	Sound System Volume Control	184.55	58.51
28 16 11 00-0261	EA	250 Watt, Sound System Amplifier	3,003.16	479.01
28 16 11 00-0262	EA	Sound System Cabinet	1,701.07	479.01
28 16 11 00-0263		**Master Door Stations** *(28 16 11 00-0250)*		
28 16 11 00-0264	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,470.43	
		For Intercom Type Master Door Station, Add	*224.87*	
28 16 11 00-0265	EA	Master Door Stations, Button Buzzer Type, 50 Station	4,088.13	
		For Intercom Type Master Door Station, Add	*364.28*	
28 16 11 00-0266	EA	Master Door Stations, Button Buzzer Type, 75 Station	5,599.07	
		For Intercom Type Master Door Station, Add	*472.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0267	EA	Master Door Stations, Button Buzzer Type, 100 Station	6,405.57	
		For Intercom Type Master Door Station, Add	*553.17*	
28 16 11 00-0268	EA	Master Door Stations, Button Buzzer Type, 150 Station	7,830.26	
		For Intercom Type Master Door Station, Add	*809.51*	
28 16 11 00-0269	EA	Master Door Stations, Button Buzzer Type, 200 Station	9,225.62	
		For Intercom Type Master Door Station, Add	*1,043.37*	
28 16 11 00-0270	EA	Master Door Stations, Button Buzzer Type, 250 Station	11,628.45	
		For Intercom Type Master Door Station, Add	*1,349.19*	
28 16 11 00-0271	EA	Master Door Stations, Button Buzzer Type, 300 Station	13,865.56	
		For Intercom Type Master Door Station, Add	*1,547.07*	
28 16 11 00-0272	EA	Transformer	173.41	
28 16 11 00-0273	EA	Door Opener	256.34	
28 16 11 00-0274	EA	Buzzer With Door Release And Plate	313.85	
28 16 11 00-0275	EA	Amplifier For Intercom Type Unit	534.67	
28 16 11 00-0276	EA	Speaker With Door Release	222.14	

28 16 11 00-0277 Access Controls (Sielox) *(28 16 11)*

28 16 11 00-0278	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-2D)	2,575.35	166.80
28 16 11 00-0279	EA	4-Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs . Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-4D)	4,283.19	277.41
28 16 11 00-0280	EA	6-Reader Ethernet/RS485 Kit: Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-6D)	5,991.00	388.02
28 16 11 00-0281	EA	8-Reader Ethernet/RS485 Kit : Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-8D)	7,698.83	498.63
28 16 11 00-0282	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-2-PS75)	2,653.93	171.88
28 16 11 00-0283	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-4-PS75)	4,361.77	282.50
28 16 11 00-0284	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-6-PS75)	6,069.60	393.12
28 16 11 00-0285	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-8-PS75)	7,777.43	503.72
28 16 11 00-0286	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-2-PS150)	2,817.16	182.47
28 16 11 00-0287	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-4-PS150)	4,525.00	293.08
28 16 11 00-0288	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-6-PS150)	6,232.81	403.69
28 16 11 00-0289	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-8-PS150)	7,940.65	514.30
28 16 11 00-0290	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes SLX75-E1 - Holds 1 Controller. (Sielox AC-1700-75E1-2D)	2,200.54	142.52
28 16 11 00-0291	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes SLX75-E2 - Holds 1 Controller. (Sielox AC-1700-75E2-2D)	2,279.12	147.62
28 16 11 00-0292	EA	4- Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs . Includes SLX75-E2. Holds up to 2 Controllers. (Sielox AC-1700-75E2-4D)	3,986.95	258.24
28 16 11 00-0293	EA	Retrofit Mounting Plate - For mounting up to 2 AC-1700 Controller Boards in the AC-1500 large enclosure or other large enclosures (Sielox AC-1700-RMP-2)	120.92	7.83
28 16 11 00-0294	EA	AC-1700 Connector Kit. (Can be used with 16-Bit Controllers) (Sielox AC-1700-CK)	120.92	7.83
28 16 11 00-0295	EA	AC-1700 I/O Backplane Kit: Includes: AC-1700-BP7 I/O Backplane, AC-1700-IOMP Mounting Plate, AC-PRDUAL and AC-PWRS Standard Power Supply. Requires Input or Output Modules (AC-IEK or AC-OEK). Enclosure not included. (Sielox AC-1700-MS-IO)	1,212.09	78.51
28 16 11 00-0296	EA	2- Door Pinnacle Ultra Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX75-E2) and Enclosure. (Sielox AC-PUL-75E2-2D)	2,611.61	169.16
28 16 11 00-0297	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with SLX UPS Power Supply (SLX75-E2) and Enclosure. (Sielox AC-PUL-75E2-4D)	4,319.44	279.76
28 16 11 00-0298	EA	2- Door Pinnacle Ultra Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-2D)	2,907.84	188.33
28 16 11 00-0299	EA	4 Door Pinnacle Ultra Package, 2-Controllers (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-4D)	4,615.68	298.95
28 16 11 00-0300	EA	6 Door Pinnacle Ultra Package, 3 -Controllers (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-6D)	6,323.52	409.55
28 16 11 00-0301	EA	8 Door Pinnacle Ultra Package 4 -Controller (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-8D)	8,031.34	520.17
28 16 11 00-0302	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111) and 1 - LifeSafety 75W Power Supply With Separate Enclosure. (Sielox AC-PULS-1700-2D-PS75)	2,895.75	187.55
28 16 11 00-0303	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111) and 1 - LifeSafety 150W Power Supply With Separate Enclosure. (Sielox AC-PULS-1700-2D-PS150)	3,058.98	198.13
28 16 11 00-0304	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-2D-PS75)	2,216.99	143.59
28 16 11 00-0305	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-2D-PS150)	2,545.13	164.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0306	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-4D-PS75)	4,694.26	304.03
28 16 11 00-0307	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-4D-PS150)	4,857.50	314.61
28 16 11 00-0308	EA	6- Door Pinnacle Ultra Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-6D-PS75)	6,402.09	414.65
28 16 11 00-0309	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-8D-PS75)	8,109.93	525.27
28 16 11 00-0310	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-8D-PS150)	8,273.16	535.84
28 16 11 00-0311	EA	2- Door Pinnacle Lite Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX75-E2). 1 Enclosure. (Sielox AC-PLT-75E2-2D)	3,065.03	198.52
28 16 11 00-0312	EA	4- Door Pinnacle Lite Package, 2- Controllers (6201700) with SLX UPS Power Supply (SLX75-E2). 1 Enclosure. (Sielox AC-PLT-75E2-4D)	4,772.86	309.12
28 16 11 00-0313	EA	2- Door Pinnacle Lite Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure. (Sielox AC-PLT-150E4-2D)	3,361.25	217.70
28 16 11 00-0314	EA	4 Door Pinnacle Lite Package, 2-Controller (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-4D)	5,069.08	328.32
28 16 11 00-0315	EA	6 Door Pinnacle Lite Package, 3 -Controllers (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-6D)	6,776.90	438.92
28 16 11 00-0316	EA	8 Door Pinnacle Lite Package, 4- Controllers (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-8D)	8,484.75	549.54
28 16 11 00-0317	EA	4- Door Pinnacle Lite Package, 2-Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure. (Sielox AC-PLT-1700-4D-PS75)	5,147.66	333.40
28 16 11 00-0318	EA	6- Door Pinnacle Lite Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure. (Sielox AC-PLT-1700-6D-PS150)	7,018.73	454.59
28 16 11 00-0319	EA	Standard Workstation to Plus Workstation (per Concurrent User) (Sielox AC-WST2PL)	377.85	24.47
28 16 11 00-0320	EA	Plus Workstation to Professional Workstation (per Concurrent User) (Sielox AC-WPL2PR)	377.85	24.47
28 16 11 00-0321	EA	Standard Workstation to Plus Workstation (per 2 Concurrent Users) (Sielox AC-WST22PL)	680.09	44.05
28 16 11 00-0322	EA	Plus Workstation to Professional Workstation (per 2 Concurrent Users) (Sielox AC-WPL22PR)	680.09	44.05
28 16 11 00-0323	EA	Standard Workstation to Plus Workstation (per 5 Concurrent Users) (Sielox AC-WST52PL)	1,813.61	117.46
28 16 11 00-0324	EA	Plus Workstation to Professional Workstation (per 5 Concurrent Users) (Sielox AC-WPL52PR)	1,813.61	117.46
28 16 11 00-0325	EA	Badging for Pinnacle Lite to Badging for Pinnacle Standard (Sielox AC-BLT2STD)	166.26	10.77
28 16 11 00-0326	EA	Badging for Pinnacle Standard to Badging for Pinnacle Plus (Sielox AC-BST2PL)	196.46	12.73
28 16 11 00-0327	EA	Badging for Pinnacle Plus Software to Badging for Pinnacle Professional (Sielox AC-BPL2PR)	544.10	35.24
28 16 11 00-0328	EA	ThyssenKrupp Destination Dispatch Driver (Sielox AC-THKP)	15,113.53	978.88
28 16 11 00-0329	EA	Schindler Smart Dispatch Driver (Sielox AC-SCHIND)	9,068.12	587.32
28 16 11 00-0330	EA	Otis Dispatch Driver (Sielox AC-OTIS)	15,113.53	978.88
28 16 11 00-0331	EA	QNX to Pinnacle Import -Cardholders And Access Groups only (Sielox AC-PS-QNX2PN)	4,534.08	293.66
28 16 11 00-0332	EA	Threshold to Pinnacle Import – Applies to Threshold 95, Access, NT and Enterprise. Note: Includes conversion of cardholder, photo ID image file, and network configuration. Only cardholder information guaranteed. Network configuration should be verified by customer (Sielox AC-PS-THRSH2PN)	1,813.61	117.46
28 16 11 00-0333	EA	Pinnacle to Pinnacle Import – Recommended for all upgrades prior to Pinnacle 7.0 or when upgrading to a new server with version software upgrade. (Sielox AC-PS-PN2PN)	1,057.94	68.52
28 16 11 00-0334	EA	Workstations for Pinnacle Professional (per 15 Concurrent Users) (Sielox AC-WPR15)	18,135.10	1,174.57
28 16 11 00-0335	EA	Workstations for Pinnacle Professional (per 25 Concurrent Users) (Sielox AC-WPR20)	27,204.35	1,761.98
28 16 11 00-0336	EA	Workstations for Pinnacle Professional (per 50 Concurrent Users) (Sielox AC-WPR50)	45,341.76	2,936.69
28 16 11 00-0337	EA	Pinnacle Software Load (Initial Installation) via Network Streaming Required: Network Streaming access and availability of IT resource for password setting required at the customer site. Note: Pinnacle configuration not included (Sielox 6990006)	755.67	48.95
28 16 11 00-0338	EA	Reinstatement Fee for Lapsed Pinnacle Ultra Software Maintenance (Sielox AC-SWM-RE-PUL)	263.13	
28 16 11 00-0339	EA	Reinstatement Fee for Lapsed Pinnacle Lite Software Maintenance (Sielox AC-SWM-RE-PLT)	394.67	
28 16 11 00-0340	EA	Reinstatement Fee for Lapsed Pinnacle Standard Software Maintenance (Sielox AC-SWM-RE-PNST)	526.23	
28 16 11 00-0341	EA	Reinstatement Fee for Lapsed Pinnacle Plus Software Maintenance (Sielox AC-SWM-RE-PNPL)	1,052.46	
28 16 11 00-0342	EA	Reinstatement Fee for Lapsed Pinnacle Pro Software Maintenance (Sielox AC-SWM-RE-PNPR)	2,104.93	
28 16 11 00-0343	EA	Annual Software Maintenance for Pinnacle Ultra Software (Sielox AC-SWM-PUL)	263.13	
28 16 11 00-0344	EA	Annual Software Maintenance for Pinnacle Lite Software (Sielox AC-SWM-PLT)	394.67	
28 16 11 00-0345	EA	Annual Software Maintenance for Pinnacle Standard – Includes 1 server and one workstation (Sielox AC-SWM-PNST)	526.23	
28 16 11 00-0346	EA	Annual Software Maintenance for Pinnacle Plus – Includes 1 server and one workstation (Sielox AC-SWM-PNPL)	1,184.03	
28 16 11 00-0347	EA	Annual Software Maintenance for Pinnacle Professional – Includes 1 server and one workstation (Sielox AC-SWM-PNPR)	3,552.06	
28 16 11 00-0348	EA	Annual Software Maintenance Pinnacle Workstations (each workstation not included in the bundle) (Sielox AC-SWM-PWS5)	276.26	
28 16 11 00-0349	EA	Annual Software Maintenance Pinnacle Bundled Two Workstations (Sielox AC-SWM-PWSB2)	552.55	
28 16 11 00-0350	EA	Annual Software Maintenance Pinnacle Bundled Five Workstations (Sielox AC-SWM-PWSB5)	1,184.03	
28 16 11 00-0351	EA	Annual Software Maintenance for Pinnacle Software Development Kit (SDK) (Sielox AC-SWM-PSDK)	920.90	
28 16 11 00-0352	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Lite Per Badging License (Sielox AC-SWM-BLT)	236.81	
28 16 11 00-0353	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Standard Per Badging License (Sielox AC-SWM-BST)	315.74	
28 16 11 00-0354	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Plus Per Badging License (Sielox AC-SWM-BPT)	381.51	
28 16 11 00-0355	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Professional Per Badging License (Sielox AC-SWM-BPPT)	434.14	
28 16 11 00-0356	EA	Annual Software Maintenance for Pinnacle Database Partitioning Option (Sielox AC-SWM-DBPO)	263.13	
28 16 11 00-0357	EA	Annual Software Maintenance for Pinnacle Multi-Server Hardware Option (Sielox AC-SWM-MSHO)	394.67	
28 16 11 00-0358	EA	Annual Software Maintenance for Pinnacle Data Exchange Software Maintenance (Sielox AC-SWM-PDE)	394.67	
28 16 11 00-0359	EA	Annual Software Maintenance ThyssenKrupp Interface Module Annual Software Maintenance, Software Maintenance includes free software updates and Upgrades. Per copy. (Sielox AC-SWM-TKELEVX)	2,104.93	
28 16 11 00-0360	EA	Annual Software Maintenance Schindler Module™ Annual Software Maintenance, Software Maintenance includes free software updates and Upgrades. Per copy. (Sielox AC-SWM-SCHINDX)	1,315.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0361	EA	Sielox Class™ 75 - Desktop Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 75 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 75 locations and 265 Users (225 Initiators, 40 Responders)Desktop Appliance Dimensions - 8" x 8" x 2" (Sielox AC-CLASS75-DT)	8,351.74	540.93
28 16 11 00-0362	EA	Sielox Class™ 75 - 1U Rackmount Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 75 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance).System supports 75 locations and 265 Users (225 Initiators, 40 Responders)1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS75-1U)	8,956.29	580.08
28 16 11 00-0363	EA	Sielox Class™ 150 Desktop Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 150 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 150 locations and 525 Users (450 Initiators, 75 Responders) Desktop Appliance Dimensions - 8" x 8" x 2" (Sielox AC-CLASS150-DT)	14,442.51	935.41
28 16 11 00-0364	EA	Sielox Class™ 150 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™ 150 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 150 locations and 525 Users (450 Initiators, 75 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS150--1U)	15,047.05	974.56
28 16 11 00-0365	EA	Sielox Class™ 300 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™300 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 300 locations and 1050 Users (900 Initiators , 150 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS300-1U)	25,838.09	1,673.48
28 16 11 00-0366	EA	Sielox Class™ 500 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™ 500 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 500 locations and 1150 Users (1000 Initiators , 150 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS500-1U)	27,064.41	1,752.91
28 16 11 00-0367	EA	Sielox Class™ 75 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS75)	1,511.37	97.88
28 16 11 00-0368	EA	Sielox Class 75 - Integration Services - Includes configuration of Action URL's [up to 75 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 75 location inputs (Sielox AC-PS-CLASS75KIT)	1,511.37	97.88
28 16 11 00-0369	EA	Sielox Class™ 150 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS150)	3,022.71	195.78
28 16 11 00-0370	EA	Sielox Class 150 - Integration Services - Includes configuration of Action URL's [up to 150 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 150 location inputs (Sielox AC-PS-CLASS150KIT)	3,022.71	195.78
28 16 11 00-0371	EA	Sielox Class™ 300 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS300)	4,534.08	293.66
28 16 11 00-0372	EA	Sielox Class 300 - Integration Services - Includes configuration of Action URL's [up to 300 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 300 location inputs (Sielox AC-PS-CLASS300KIT)	4,534.08	293.66
28 16 11 00-0373	EA	Sielox Class™ 500 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS500)	5,441.17	352.42
28 16 11 00-0374	EA	Sielox Class 500 - Integration Services - Includes configuration of Action URL's [up to 500 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 500 location inputs (Sielox AC-PS-CLASS500KIT)	5,441.17	352.42
28 16 11 00-0375	EA	1 Year - Annual End User Support Agreement for Class™ 75 (Sielox AC-EUSA-CLASS75)	1,813.61	117.46
28 16 11 00-0376	EA	1 Year - Annual End User Support Agreement for Class™ 150 (Sielox AC-EUSA-CLASS150)	3,627.25	234.92
28 16 11 00-0377	EA	1 Year - Annual End User Support Agreement for Class™ 300 (Sielox AC-EUSA-CLASS300)	6,045.41	391.55
28 16 11 00-0378	EA	1 Year - Annual End User Support Agreement for Class™ 500 (Sielox AC-EUSA-CLASS500)	6,045.41	391.55
28 16 11 00-0379	EA	1 Year - Annual Software Maintenance for Sielox Class™ 75 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS75)	906.82	58.74
28 16 11 00-0380	EA	1 Year - Annual Software Maintenance for Sielox Class™ 150 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS150)	1,813.61	117.46
28 16 11 00-0381	EA	1 Year - Annual Software Maintenance for Sielox Class™ 300 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS300)	3,022.71	195.78
28 16 11 00-0382	EA	1 Year - Annual Software Maintenance for Sielox Class™ 300 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS500)	3,022.71	195.78
28 16 11 00-0383	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 8 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. Desktop Appliance Dimensions - (8" x 8" x 2") Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-DT)	1,209.08	78.31
28 16 11 00-0384	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 8 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. 1U Rackmount Appliance Dimensions (17" x 13" x 1.75") Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-1U)	1,813.61	117.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0385	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 40 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. Desktop Appliance Dimensions - 8"x8"x2" (Sielox AC-AW40-DT)	2,418.17	156.62
28 16 11 00-0386	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 40 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. 1U Rackmount Appliance Dimensions (17" x 13" x 1.75") (Sielox AC-AW40-1U)	3,022.71	195.78
28 16 11 00-0387	EA	Package Includes (Sielox AnyWare™ 8 Network Appliance, (2) AC1700 2 -Door Controller, SLX75-E2 UPS Power Supply and Enclosure -16" x 20"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-75E2-4D)	4,651.95	301.30
28 16 11 00-0388	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (1) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24").Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-2D)	3,285.68	212.81
28 16 11 00-0389	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (2) AC1700 2 -Door Controller, SLX150-E4UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-4D)	4,766.81	308.73
28 16 11 00-0390	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (3) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-6D)	6,610.64	428.16
28 16 11 00-0391	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (4) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-8D)	8,273.16	535.84
28 16 11 00-0392	EA	Pinnacle to AnyWare™ Database Import - Note: Includes conversion of cardholder information only. (First Name, Last Name, and Card Code) (Sielox AC-PS-PN2AW)	1,057.94	68.52
28 16 11 00-0393	EA	1 Year Annual Software Maintenance Contract. Maintenance includes Software Only. Hardware not included. Please refer to Sielox Price Book Section 1 - Policies And Procedures for Warranty and End User License Agreement information. (Sielox AC-SWM-AW8)	302.28	19.58
28 16 11 00-0394	EA	2A/12V or 1A/24V E1 enclosure (Sielox SLX25-E1)	467.53	30.27
28 16 11 00-0395	EA	6 Amperes/12 Volt or 3 Amperes/24 Volt E1 Enclosure (Sielox SLX75-E1)	491.72	31.84
28 16 11 00-0396	EA	8A/12V or 4A/24V E1 enclosure (Sielox SLX100-E1)	616.64	39.93
28 16 11 00-0397	EA	12 Amperes/12 Volt or 6 Amperes/24 Volt E1 Enclosure (Sielox SLX150-E1)	656.94	42.55
28 16 11 00-0398	EA	16 Amperes/12 Volt or 8 Amperes/24 Volt E1 Enclosure (Sielox SLX200-E1)	721.44	46.72
28 16 11 00-0399	EA	20A/12V or 10A/24V E1 enclosure (Sielox SLX250-E1)	761.73	49.34
28 16 11 00-0400	EA	6 Amperes/12 Volt or 3 Amperes/24 Volt E2 Enclosure (Sielox SLX75-E2)	572.28	37.06
28 16 11 00-0401	EA	8A/12V or 4A/24V E2 enclosure (Sielox SLX100-E2)	701.26	45.43
28 16 11 00-0402	EA	12 Amperes/12 Volt or 6 Amperes/24 Volt E2 Enclosure (Sielox SLX150-E2)	741.56	48.02
28 16 11 00-0403	EA	16 Amperes/12 Volt or 8 Amperes/24 Volt E2 Enclosure (Sielox SLX200-E2)	802.02	51.95
28 16 11 00-0404	EA	20A/12V or 10A/24V E2 enclosure (Sielox SLX250-E2)	846.35	54.81
28 16 11 00-0405	EA	E1 enclosure size 12W x 14H x 4.5D. (Sielox SLX-E1)	377.85	24.47
28 16 11 00-0406	EA	E2 enclosure size 16W x 20H x 4.5D (Sielox SLX-E2)	453.41	29.37
28 16 11 00-0407	EA	E4 enclosure size 20W x 24H x 4.5D (Sielox SLX-E4)	528.98	34.27
28 16 11 00-0408	EA	E5 enclosure size 8.5W x 11H x 3D (Sielox SLX-E5)	528.98	34.27
28 16 11 00-0409	EA	75 Watt Power Supply Board 6 Amperes/12 Volt or 3 Amperes/24 Volt (Sielox SLX75)	310.34	20.10
28 16 11 00-0410	EA	100 Watt power supply board 8A/12V or 4A/24V (Sielox SLX100)	467.53	30.27
28 16 11 00-0411	EA	150 Watt Power Supply Board 12 Amperes/12 Volt or 6 Amperes/24 Volt (Sielox SLX150)	511.83	33.15
28 16 11 00-0412	EA	250 Watt power supply board 20A/12V or 10A/24V (Sielox SLX250)	640.81	41.50
28 16 11 00-0413	EA	8 auxiliary outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-D8E1)	560.20	36.28
28 16 11 00-0414	EA	8 auxiliary outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-D8PE1)	560.20	36.28
28 16 11 00-0415	EA	8 auxiliary outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-D8E1)	729.46	47.25
28 16 11 00-0416	EA	8 auxiliary outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-D8PE1)	729.46	47.25
28 16 11 00-0417	EA	8 auxiliary outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-D8E1)	834.28	54.03
28 16 11 00-0418	EA	8 auxiliary outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-D8PE1)	834.28	54.03
28 16 11 00-0419	EA	16 auxiliary outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-2D8E1)	632.75	40.98
28 16 11 00-0420	EA	16 auxiliary outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-2D8PE1)	632.75	40.98
28 16 11 00-0421	EA	16 auxiliary outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-2D8E1)	802.02	51.95
28 16 11 00-0422	EA	16 auxiliary outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-2D8PE1)	802.02	51.95
28 16 11 00-0423	EA	16 auxiliary outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-2D8E1)	906.82	58.74
28 16 11 00-0424	EA	16 auxiliary outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-2D8PE1)	906.82	58.74
28 16 11 00-0425	EA	DVPS 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) E2 enclosure (Sielox SLX75/75-E2)	793.97	51.42
28 16 11 00-0426	EA	DVPS 6A/12V or 3A/24V (75W) and12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX75/150-E2)	959.19	62.12
28 16 11 00-0427	EA	DVPS 6A/12V or 3A/24V (75W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX75/250-E2)	1,063.99	68.91
28 16 11 00-0428	EA	DVPS 8A/12V or 4A/24V (100W) and 8A/12V or 4A/24V (100W) E2 enclosure (Sielox SLX100/100-E2)	1,047.88	67.87
28 16 11 00-0429	EA	DVPS 8A/12V or 4A/24V (100W) and 12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX100/150-E2)	1,088.17	70.48
28 16 11 00-0430	EA	DVPS 8A/12V or 4A/24V (100W) and 16A/12V or 8A/24V (200W) E2 enclosure (Sielox SLX100/200-E2)	1,148.64	74.39
28 16 11 00-0431	EA	DVPS 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX150/150-E2)	1,128.47	73.09
28 16 11 00-0432	EA	DVPS 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX150/250-E2)	1,233.27	79.88
28 16 11 00-0433	EA	DVPS 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX250/250-E2)	1,338.07	86.67
28 16 11 00-0434	EA	DVPS 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) E4 enclosure (Sielox SLX75/75-E4)	914.88	59.25
28 16 11 00-0435	EA	DVPS 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) E4 enclosure (Sielox SLX75/150-E4)	1,084.15	70.23
28 16 11 00-0436	EA	DVPS 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) E4 enclosure (Sielox SLX150/150-E4)	1,253.41	81.18
28 16 11 00-0437	EA	DVPS 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) E4 enclosure (Sielox SLX150/250-E4)	1,358.19	87.97
28 16 11 00-0438	EA	DVPS 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) E4 enclosure (Sielox SLX250/250-E4)	1,462.99	94.75
28 16 11 00-0439	EA	DVPS SLX/B100 Combination. Up To 2 Amperes At 12 Volt And 2 Amperes At 24 Volt System Backed Up With One Battery Set E1 Enclosure (Sielox SLX75-B100E1)	600.53	38.90
28 16 11 00-0440	EA	DVPS SLX/B100 combination. Up To 4 Amperes At 12 Volt And 4 Amperes At 24 Volt System Backed Up With One Battery Set E1 enclosure (Sielox SLX150-B100E1)	769.78	49.86
28 16 11 00-0441	EA	DVPS SLX/B100 Combination. Up To 4 Amperes At 12 Volt and 8 Amperes At 24 Volt System Backed Up With One Battery Set E1 Enclosure (Sielox SLX250-B100E1)	874.56	56.64
28 16 11 00-0442	EA	SLX75 and two (2) B100 modules with 5-18V adjustable output System can be backed up w/ one battery set E1 enclosure (Sielox SLX75-2B100E1)	709.35	45.94
28 16 11 00-0443	EA	SLX150 and two (2) B100 modules with 5-18V adjustable output System can be backed up w/ one battery set E1 enclosure (Sielox SLX150-2B100E1)	878.62	56.92
28 16 11 00-0444	EA	8 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8E1)	644.85	41.76
28 16 11 00-0445	EA	8 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PE1)	644.85	41.76
28 16 11 00-0446	EA	8 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C8E1)	814.10	52.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0447	EA	8 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C8PE1)	814.10	52.73
28 16 11 00-0448	EA	8 lock outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C8E1)	918.89	59.51
28 16 11 00-0449	EA	8 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C8PE1)	918.89	59.51
28 16 11 00-0450	EA	16 lock outputs 6A/12V or 3A/24V fused at 3A E2 enclosure (Sielox SLX75-2C8E2)	886.66	57.43
28 16 11 00-0451	EA	16 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX75-2C8PE2)	886.66	57.43
28 16 11 00-0452	EA	16 lock outputs 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150-2C8E2)	1,051.91	68.12
28 16 11 00-0453	EA	16 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150-2C8PE2)	1,051.91	68.12
28 16 11 00-0454	EA	16 lock outputs 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX250-2C8E2)	1,156.70	74.91
28 16 11 00-0455	EA	16 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX250-2C8PE2)	1,156.70	74.91
28 16 11 00-0456	EA	16 lock outputs 6A/12V or 3A/24V and 6A/12V or 3A/24V fused at 3A E2 enclosure (Sielox SLX75/75-2C8E2)	1,104.29	71.52
28 16 11 00-0457	EA	16 lock outputs 6A/12V or 3A/24V and 6A/12V or 3A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX75/75-2CP8E2)	1,104.29	71.52
28 16 11 00-0458	EA	16 lock outputs 12A/12V or 6A/24V and 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150/150-2C8E2)	1,442.82	93.45
28 16 11 00-0459	EA	16 lock outputs 12A/12V or 6A/24V and 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-2C8PE2)	1,442.82	93.45
28 16 11 00-0460	EA	16 lock outputs 12A/12V or 6A/24V and 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX150/250-2C8E2)	1,543.60	99.98
28 16 11 00-0461	EA	16 lock outputs 12A/12V or 6A/24V and 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-2C8PE2)	1,543.60	99.98
28 16 11 00-0462	EA	8 FAI control outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-F8E1)	576.34	37.33
28 16 11 00-0463	EA	8 FAI control outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-F8PE1)	576.34	37.33
28 16 11 00-0464	EA	8 FAI control outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-F8E1)	745.62	48.29
28 16 11 00-0465	EA	8 FAI control outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-F8PE1)	745.62	48.29
28 16 11 00-0466	EA	8 FAI control outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-F8E1)	850.38	55.07
28 16 11 00-0467	EA	8 FAI control outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-F8PE1)	850.38	55.07
28 16 11 00-0468	EA	16 FAI control outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-2F8E1)	935.00	60.56
28 16 11 00-0469	EA	16 FAI control outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-2F8PE1)	935.00	60.56
28 16 11 00-0470	EA	4 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C4E1)	652.04	42.23
28 16 11 00-0471	EA	4 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C4PE1)	608.56	39.42
28 16 11 00-0472	EA	4 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C4E1)	777.83	50.38
28 16 11 00-0473	EA	4 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C4PE1)	777.83	50.38
28 16 11 00-0474	EA	4 lock outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C4E1)	882.63	57.17
28 16 11 00-0475	EA	4 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C4PE1)	882.63	57.17
28 16 11 00-0476	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C4D8E1)	850.38	55.07
28 16 11 00-0477	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C4PD8PE1)	850.38	55.07
28 16 11 00-0478	EA	4 lock, 8 aux outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C4D8E1)	955.17	61.87
28 16 11 00-0479	EA	4 lock, 8 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C4PD8PE1)	955.17	61.87
28 16 11 00-0480	EA	4 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) fused at 3A E1 enclosure (Sielox SLX75/75-C4D8E1)	898.75	58.21
28 16 11 00-0481	EA	4 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) pwr ltd at 2.5A E1 enclosure (Sielox SLX75/75-C4PD8PE1)	898.75	58.21
28 16 11 00-0482	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24VA (150W) fused at 3A E2 enclosure (Sielox SLX150/150-C4D8E2)	1,321.92	85.62
28 16 11 00-0483	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24VA (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-C4PD8PE2)	1,321.92	85.62
28 16 11 00-0484	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24VA (250W) fused at 3A E2 enclosure (Sielox SLX150/250-C4D8E2)	1,422.70	92.14
28 16 11 00-0485	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24VA (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-C4PD8PE2)	1,422.70	92.14
28 16 11 00-0486	EA	4 lock, 8 aux outputs 2A /12V and 2A/24V fused at 3A system backed up with one battery set E1 enclosure (Sielox SLX75-B100C4D8E1)	789.93	51.16
28 16 11 00-0487	EA	4 lock, 8 aux outputs 2A /12V and 2A/24V pwr ltd at 2.5A system backed up with one battery set E1 enclosure (Sielox SLX75-B100C4PD8PE1)	789.93	51.16
28 16 11 00-0488	EA	8 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8E1)	644.85	41.76
28 16 11 00-0489	EA	8 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PE1)	644.85	41.76
28 16 11 00-0490	EA	8 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C8E1)	814.10	52.73
28 16 11 00-0491	EA	8 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C8PE1)	814.10	52.73
28 16 11 00-0492	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8D8E1)	717.37	46.46
28 16 11 00-0493	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PD8PE1)	717.37	46.46
28 16 11 00-0494	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150-C8D8E2)	971.29	62.90
28 16 11 00-0495	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150-C8PD8PE2)	971.29	62.90
28 16 11 00-0496	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX250-C8D8E2)	1,072.05	69.44
28 16 11 00-0497	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX250-C8PD8PE2)	1,072.05	69.44
28 16 11 00-0498	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) fused at 3A E2 enclosure (Sielox SLX75/75-C8D8E2)	1,019.65	66.04
28 16 11 00-0499	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) pwr ltd at 2.5A E2 enclosure (Sielox SLX75/75-C8PD8PE2)	1,019.65	66.04
28 16 11 00-0500	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) fused at 3A E2 enclosure (Sielox SLX75/150-C8D8E2)	1,188.91	77.00
28 16 11 00-0501	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX75/150-C8PD8PE2)	1,188.91	77.00
28 16 11 00-0502	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) fused at 3A E2 enclosure (Sielox SLX150/150-C8D8E2)	1,358.19	87.97
28 16 11 00-0503	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-C8PD8PE2)	1,358.19	87.97
28 16 11 00-0504	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) fused at 3A E2 enclosure (Sielox SLX150/250-C8D8E2)	1,462.99	94.75
28 16 11 00-0505	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-C8PD8PE2)	1,462.99	94.75
28 16 11 00-0506	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) fused at 3A E2 enclosure (Sielox SLX250/250-C8D8E2)	1,563.73	101.28
28 16 11 00-0507	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX250/250-C8PD8PE2)	1,563.73	101.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0508	EA	8 lock, 8 aux outputs 4A /12V and 4A/24V fused at 3A system backed up with one battery set E2 enclosure (Sielox SLX150-B100C8D8E2)	1,080.11	69.95
28 16 11 00-0509	EA	8 lock, 8 aux outputs 4A /12V and 4A/24V pwr ltd at 2.5A system backed up with one battery set E2 enclosure (Sielox SLX150-B100C8PD8PE2)	1,080.11	69.95
28 16 11 00-0510	EA	8 lock, 8 aux outputs 4A /12V and 8A/24V fused at 3A system backed up with one battery set E2 enclosure (Sielox SLX250-B100C8D8E2)	1,184.90	76.75
28 16 11 00-0511	EA	8 lock, 8 aux outputs 4A /12V and 8A/24V pwr ltd at 2.5A system backed up with one battery set E2 enclosure (Sielox SLX250-B100C8PD8PE2)	1,184.90	76.75
28 16 11 00-0512	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V fused at 3A E4 enclosure (Sielox SLX150-2C82D8E4)	1,321.92	85.62
28 16 11 00-0513	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E4 enclosure (Sielox SLX150-2C8P2D8PE4)	1,321.92	85.62
28 16 11 00-0514	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V fused at 3A E4 enclosure (Sielox SLX250-2C82D8E4)	1,426.70	92.41
28 16 11 00-0515	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E4 enclosure (Sielox SLX250-2C8P2D8PE4)	1,426.70	92.41
28 16 11 00-0516	EA	16 lock, 16 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) fused at 3A E4 enclosure (Sielox SLX75/75-2C82D8E4)	1,370.28	88.76
28 16 11 00-0517	EA	16 lock, 16 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) pwr ltd at 2.5A E4 enclosure (Sielox SLX75/75-2C8P2D8PE4)	1,370.28	88.76
28 16 11 00-0518	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) fused at 3A E4 enclosure (Sielox SLX150/150-2C82D8E4)	1,708.82	110.67
28 16 11 00-0519	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E4 enclosure (Sielox SLX150/150-2C8P2D8PE4)	1,708.82	110.67
28 16 11 00-0520	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) fused at 3A E4 enclosure (Sielox SLX150/250-2C82D8E4)	1,813.61	117.46
28 16 11 00-0521	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E4 enclosure (Sielox SLX150/250-2C8P2D8PE4)	1,813.61	117.46
28 16 11 00-0522	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) fused at 3A E4 enclosure (Sielox SLX250/250-2C82D8E4)	1,918.43	124.25
28 16 11 00-0523	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E4 enclosure (Sielox SLX250/250-2C8P2D8PE4)	1,918.43	124.25
28 16 11 00-0524	EA	AC-1700 Controller Board - Includes 1 GB SD Card, connector kit, and fuse. (Sielox AC-1700-NN-2)	1,707.83	110.62
28 16 11 00-0525	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-2)	2,460.49	159.36
28 16 11 00-0526	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-4)	4,168.32	269.98
28 16 11 00-0527	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-6)	5,876.14	380.58
28 16 11 00-0528	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-8)	7,583.97	491.20
28 16 11 00-0529	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-2)	2,161.23	139.99
28 16 11 00-0530	EA	4-Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-4)	3,869.06	250.59
28 16 11 00-0531	EA	6-Reader Ethernet/RS485 Kit: Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-6)	5,576.90	361.21
28 16 11 00-0532	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure (Sielox AC-1700-LN-8)	7,284.72	471.81
28 16 11 00-0533	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Small Enclosure Holds 1 Controller. (Sielox AC-1700-SN-2)	2,070.56	134.10
28 16 11 00-0534	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Small Enclosure And 12V 5A Transformer. Holds 1 Controller. (Sielox AC-1700-SS-2)	2,369.79	153.49
28 16 11 00-0535	EA	I/O Monting Plate - For Installation of BP5 or BP7 back planes in the AC-1700 large enclosure (Sielox AC-1700-IOMP)	120.92	7.83
28 16 11 00-0536	EA	AC-1700 I/O Backplane with capacity for: 7 I/O Modules in any combination, Requires Enclosure, Mounting Plate, I/O Modules, 1700 Controller and Power Supply (Sielox AC-1700-BP7I/O)	462.46	29.95
28 16 11 00-0537	EA	Input Expansion Kit - AC-INP Input Module and Connectors - 8 Inputs (Supervised /Unsupervised) For AC1700, AC1500, And AC1200 I/O Backplanes (Sielox AC-IEK)	408.08	26.43
28 16 11 00-0538	EA	Output Expansion Kit - AC-OUT Output Module and Connectors - 8 Outputs. For AC1700, AC1500, And AC1200 I/O Backplanes (Sielox AC-OEK)	453.41	29.37
28 16 11 00-0539	EA	6 and 12 Volt DC Power Regulator and Battery charger for AC-1700 And AC1500 Backplanes only! It includes an AC fail output. AC-PWRS not included. Required for Power. (Sielox AC-PRDUAL)	420.16	27.21
28 16 11 00-0540	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111), and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULS-1700-2D)	2,702.30	175.02
28 16 11 00-0541	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-2D)	2,792.98	180.90
28 16 11 00-0542	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-4D)	4,500.83	291.51
28 16 11 00-0543	EA	6- Door Pinnacle Ultra Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-6D)	6,208.65	402.12
28 16 11 00-0544	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Transformer (7209926) (Sielox AC-PULL-1700-8D)	7,916.48	512.73
28 16 11 00-0545	EA	2-Door Pinnacle Lite package, 1- Controller (6201700), Small Enclosure Kit (6800111), 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTS-1700-2D)	3,155.70	204.39
28 16 11 00-0546	EA	2- Door Pinnacle Lite Package, 1-Controller (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-2D)	3,246.39	210.27
28 16 11 00-0547	EA	4- Door Pinnacle Lite Package, 2-Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-4D)	4,954.22	320.88
28 16 11 00-0548	EA	6- Door Pinnacle Lite Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-6D)	6,662.04	431.49
28 16 11 00-0549	EA	8- Door Pinnacle Lite Package, 4 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-8D)	8,369.89	542.10
28 16 11 00-0550	EA	Badging for Pinnacle Lite (per concurrent user) (Sielox AC-BLT)	1,496.25	96.92
28 16 11 00-0551	EA	Badging for Pinnacle Standard Software (per concurrent user) (Sielox AC-BST)	1,662.48	107.68
28 16 11 00-0552	EA	Badging for Pinnacle Plus Software (per concurrent user) (Sielox AC-BPL)	1,858.98	120.40
28 16 11 00-0553	EA	Badging for Pinnacle Professional Software (per concurrent user) (Sielox AC-BPR)	2,403.05	155.63
28 16 11 00-0554	EA	Workstations for Pinnacle Standard (per Concurrent User) (Sielox AC-WST)	1,798.51	116.49
28 16 11 00-0555	EA	Workstations for Pinnacle Plus (per Concurrent User) (Sielox AC-WPL)	2,100.79	136.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0556	EA	Workstations for Pinnacle Professional (per Concurrent User) (Sielox AC-WPR)	2,403.05	155.63
28 16 11 00-0557	EA	Workstations for Pinnacle Standard (per two Concurrent Users) (Sielox AC-WST2)	2,569.31	166.41
28 16 11 00-0558	EA	Workstations for Pinnacle Plus (per two Concurrent Users) (Sielox AC-WPL2)	3,173.84	205.57
28 16 11 00-0559	EA	Workstations for Pinnacle Professional (per two Concurrent Users) (Sielox AC-WPR2)	3,778.39	244.72
28 16 11 00-0560	EA	Workstations for Pinnacle Standard (per five Concurrent Users) (Sielox AC-WST5)	4,080.65	264.29
28 16 11 00-0561	EA	Workstations for Pinnacle Plus (per five Concurrent Users) (Sielox AC-WPL5)	5,894.27	381.76
28 16 11 00-0562	EA	Workstations for Pinnacle Professional (per five Concurrent Users) (Sielox AC-WPR5)	7,556.78	489.44
28 16 11 00-0563	EA	Pinnacle Lite Software [32 readers / 2K cards] A single user system includes license for 1 single operator only, installation and PDF user manuals (Sielox AC-PLT)	876.59	56.77
28 16 11 00-0564	EA	Pinnacle Standard Software [64 readers / 4K cards] A multiple user system that Includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manual. (Sielox AC-PNST)	1,813.61	117.46
28 16 11 00-0565	EA	Pinnacle Plus Software [128 readers / 10K cards] A multiple user system that includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manuals. (Sielox AC-PNPL)	3,853.94	249.61
28 16 11 00-0566	EA	Pinnacle Professional Software [unlimited readers and cards] A multiple user system that includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manuals. (Sielox AC-PNPR)	10,473.67	678.35
28 16 11 00-0567	EA	Pinnacle Ultra From a Bundled Package to Pinnacle Lite (Sielox AC-PNUL2LT)	604.54	39.15
28 16 11 00-0568	EA	Pinnacle Lite to Pinnacle Standard (Sielox AC-PNLT2STA)	1,511.37	97.88
28 16 11 00-0569	EA	Pinnacle Standard to Pinnacle Plus (Sielox AC-PNST2PL)	2,267.02	146.83
28 16 11 00-0570	EA	Pinnacle Plus to Pinnacle Professional (Sielox AC-PNPL2PR)	8,312.44	538.39
28 16 11 00-0571	EA	Database Partitioning Option: Partition database by dividing a single system into multiple segments that can be independently operated and managed. A resulting partition consists of cardholders, cardholder custom fields, devices, access levels, time zones, holidays, and filters. (Sielox AC-DBPART)	1,511.37	97.88
28 16 11 00-0572	EA	SDK Licensing with 3 hours of phone support - A software development kit with library calls for developing standalone applications for qualified programmers via a separate licensing agreement (Sielox AC-PINSDK)	6,030.30	390.58
28 16 11 00-0573	EA	Pinnacle Data Exchange -This Application allows data exchange from third party databases into Pinnacle. Automatically or manually Add, Delete or Modify cardholder's database. (Sielox AC-DETEX)	1,511.37	97.88
28 16 11 00-0574	EA	Pinnacle Data Exchange Professional Services (Sielox AC-DATEXPS) Note: Includes the Initial Set-up and Configuration of the Data Exchange . If additional support is needed refer to the Professional Services Support Offerings part # 569936.	4,518.96	292.69
28 16 11 00-0575	EA	Pinnacle Data Exchange Kit -Includes Data Exchange and Professional Services (Sielox AC-DATEXKIT)	6,030.30	390.58
28 16 11 00-0576	EA	AC-1700 Large Enclosure. Holds up to 4 controllers. -Dimensions: 17" x 22" x 3.5" (40.64 cm x 50.80 cm x 8.99 cm) (Sielox AC-1700ENCL)	453.41	29.37
28 16 11 00-0577	EA	AC-1700 Small Enclosure. Holds 1 controller - Dimensions: 12" x 12" x 3.5" (30.48 cm x 30.48 cm x 8.89 cm) (Sielox AC-1700ENCS)	362.72	23.49
28 16 11 00-0578	EA	Retrofit Mounting Plate - For mounting up to 4 AC-1700 controller boards in the AC-1500 large enclosure or other large enclosures. (Sielox AC-1700-RMP-2)	120.92	7.83
28 16 11 00-0579	EA	Mounting Plate - For a single AC-1700 Controller Board (Sielox AC-1700-MP)	90.67	5.88
28 16 11 00-0580	EA	Pinnacle Argos License upgrade to 64 cameras - Requires Pinnacle Standard License (Sielox AC-ARGOS64)	755.67	48.95
28 16 11 00-0581	EA	Pinnacle Argos License upgrade to 128 cameras -Requires Pinnacle Plus License (Sielox AC-ARGOS128)	1,511.37	97.88
28 16 11 00-0582	EA	Pinnacle Argos License upgrade to Unlimited cameras -Requires Pinnacle Professional License (Sielox AC-ARGOSUNL)	4,534.08	293.66
28 16 11 00-0583	EA	Hardware COM Server Option : Distribute controllers around multi-hardware servers to enhance communication efficiency. Link inputs and outputs between different hardware servers. Note #1: Available for licensing with Pinnacle Professional only. Note #2: A workstation (client) license is only used up if the Pinnacle GUI is also being run on a Hardware COM server. (Sielox AC-HWSRV)	3,068.05	198.72
28 16 11 00-0584	EA	Panel Interface Module (Sielox PIM400-485-RSI)	2,640.77	171.04
28 16 11 00-0585	EA	Mifare Smart Cards (Sielox XF9551)	7.94	0.52
28 16 11 00-0586	EA	AD-400 Lock (Sielox AD-400-MS-70-MTK-SPA-626-RD-EV29S-S123-RH-4B-09-663-10-072-13?4)	4,283.47	277.43
28 16 11 00-0587	EA	AD-400 Lock (Sielox AD-400-CY-70-MT-SPA-626-LD-RH-4B-13-049-10-025-1 3/4)	3,564.66	230.87
28 16 11 00-0588	EA	AD-400 Lock (Sielox AD-400-CY-70-MSK-SPA-626-PD-EV29S-S123-RH-4B-13-049-10-025-1 3/4)	3,615.45	234.17
28 16 11 00-0589	EA	NDE Lock (Sielox NDE-80-PD-SPA-626-SPA-626-13-047-10-130-S123)	1,480.56	95.89
28 16 11 00-0590	EA	NDE Lock (Sielox NDE-80-LD-SPA-626-SPA-626-13-047-10-130-S123)	1,377.04	89.19
28 16 11 00-0591	EA	NDE Engage Gateway (Sielox NDE Engage Gateway)	1,677.83	108.67
28 16 11 00-0592	EA	aptiQ Reader (Sielox MT15)	384.78	24.92
28 16 11 00-0593	EA	aptiQ Reader (Sielox MTK15)	625.03	40.49
28 16 11 00-0594	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-BD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,401.55	155.54
28 16 11 00-0595	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-JD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,360.67	152.90
28 16 11 00-0596	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-PD S123-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Full Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,401.55	155.54
28 16 11 00-0597	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-BD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,479.07	160.56
28 16 11 00-0598	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-JD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,438.20	157.92
28 16 11 00-0599	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-PD S123-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Full Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right Handed, Backset And Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,479.07	160.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0600	EA	AD Series Network Hardwired Lock, Exit Trim - Rim/CVR/CVC, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, Door Thickness (1-3/4") (Sielox AD300-993R-70-MT-RHO-626-BD-RHR-1 3/4)	2,782.07	180.18
28 16 11 00-0601	EA	AD Series Networked Hardwired Lock, Exit Trim - SVR, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, Door Thickness (1-3/4") (Sielox AD300-993S-70-MT-RHO-626-BD-RHR-1 3/4)	2,818.71	182.56
28 16 11 00-0602	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-BD-RH-09-663-10-072-1 3/4)	2,721.47	176.27
28 16 11 00-0603	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-JD-RH-09-663-10-072-1 3/4)	2,680.59	173.61
28 16 11 00-0604	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-PD S123-RH-09-663-10-072-1 3/4)	2,721.47	176.27
28 16 11 00-0605	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Funciton, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-BD-RH-09-663-10-072-1 3/4)	2,798.98	181.29
28 16 11 00-0606	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-JD-RH-09-663-10-072-1 3/4)	2,758.12	178.64
28 16 11 00-0607	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-PD S123-RH-09-663-10-072-1 3/4)	2,798.98	181.29
28 16 11 00-0608	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,646.78	171.43
28 16 11 00-0609	EA	AD Series Networked Wireless Cylindral Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-JD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,605.91	168.78
28 16 11 00-0610	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-PD S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,646.78	171.43
28 16 11 00-0611	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,724.28	176.45
28 16 11 00-0612	EA	AD Serires Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-JD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,683.41	173.79
28 16 11 00-0613	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-PD S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,724.28	176.45
28 16 11 00-0614	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD-400-CY-70-MT-RHO-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,646.78	171.43
28 16 11 00-0615	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Athens Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core (Sielox AD400-CY-70-MTK-ATH-626-JD)	2,683.41	173.79
28 16 11 00-0616	EA	AD Series Networked Wirless Lock, Exit Trim - Rim/CVR/CVC, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, 4AA Battery Kit, Door Thickness (1-3/4") (Sielox AD400-993R-70-MT-RHO-626-BD-RHR-4B-1 3/4)	3,049.85	197.53
28 16 11 00-0617	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-LD-RH-4B-13-049-10-025- 1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin Key-in-Lever, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,572.08	166.58
28 16 11 00-0618	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Magnetic Stripe + Keypad (Swipe) (Sielox AD400-CY-70-MSK-SPA-626-PD-EV29S-S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,608.73	168.95
28 16 11 00-0619	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-BD-RH-4B-09-663-10-072-1 3/4)	2,968.11	192.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0620	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-JD-RH-4B-09-663-10-072-1 3/4)	2,927.23	189.59
28 16 11 00-0621	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-PD S123-RH-4B-09-663-10-072-1 3/4)	2,968.11	192.24
28 16 11 00-0622	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-BD-RH-4B-09-663-10-072-1 3/4)	3,045.62	197.27
28 16 11 00-0623	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-JD-RH-4B-09-663-10-072-1 3/4)	3,004.76	194.61
28 16 11 00-0624	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-PD S123-RH-4B-09-663-10-072-1 3/4)	3,045.62	197.27
28 16 11 00-0625	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, With Cylinder, Everest 29 Keyway Type, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-RD-EV29S-S123-RH-4B-09-663-10-072-1 3/4)	3,090.72	200.18
28 16 11 00-0626	EA	AD Serires Networked Wireless Lock, Exit Trim - Mortise, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Athens Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right Handed (Sielox AD400-993M-70-MTK-ATH-626-JD-S123-RH)	3,006.16	194.70
28 16 11 00-0627	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, Less Cylinder, 7 Pin SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-BD-SPA-626-13-047-10-130)	1,073.40	69.52
28 16 11 00-0628	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, Less Cylinder, 6 Pin SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-JD-SPA-626-13-047-10-130)	1,032.35	66.87
28 16 11 00-0629	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, 6 Pin Full Cylinder SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-PD-SPA-626-13-047-10-130-S123)	1,073.40	69.52
28 16 11 00-0630	EA	Handheld, battery-operated unit with Multi-Technology Reader Module (Sielox WPR400-MT)	2,407.17	155.92
28 16 11 00-0631	EA	Handheld, Battery-operated unit with Multi-Technology with Keypead Reader Module (Sielox WPR400-MTK)	2,484.70	160.93
28 16 11 00-0632	EA	Pre-Installed Test Kit: Complete with WPR400-DT, PIM400-TD2, 593PI Power Supply, Charger, Carrying Case (Sielox TK400)	2,018.19	130.72
28 16 11 00-0633	EA	Compatible with Wiegand or Clock And Data (Sielox WRI400) Note: Includes Weatherproof Enclosure, inputs for two parallel readers. Requires 12 or 24 Volt DC Power Supply	1,216.28	78.78
28 16 11 00-0634	EA	12 Volt DC Power Supply; Includes WRI400, PIM400-TD2, ANT400-REM-I/O (Sielox ECK400)	3,430.39	222.18
28 16 11 00-0635	EA	12 Volt DC Power Supply; Includes WRI400, PIM400-TD2, ANT400-REM-I/O, MGB+MCA5 (Sielox GCK400)	3,582.59	232.04
28 16 11 00-0636	EA	Wiegand or Clock And Data Output (Sielox PIB300-2D) Note: Includes Weatherproof Enclosure (7.1" x 7.1"), RS485 Input, Requires 12 or 24 Volt DC Power Supply. Supports up to two AD-300 Locks.	583.47	37.79
28 16 11 00-0637	EA	Used to power PIM-TD2, PIM-TD4, PIM-EXP, WRI-OTD-12 Volt DC, and WRI-IN-12 Volt DC as well as PIM400 and WRI400 (Sielox 593PI-12DC)	142.35	9.22
28 16 11 00-0638	EA	USB Cable, Handheld Device, With SUS Installed and HH-USB Cable (Sielox HHD-Kit-USB)	1,516.46	98.22
28 16 11 00-0639	EA	Classroom/Storeroom Functions (Cylindrical, Mortise and Exit Chassis), Privacy/Apartment Functions (Mortise Deadbolt Chassis) (Sielox COM400L)	442.54	28.66
28 16 11 00-0640	EA	Classroom/Storeroom Functions (Cylindrical, Mortise and Exit Chassis), Privacy/Apartment Functions (Mortise Deadbolt Chassis) (Sielox COM300L)	408.73	26.47
28 16 11 00-0641	EA	Single Solution that reads 125 KHz Proximity and 13.56 MHz smart credentials (Sielox MT)	863.94	55.96
28 16 11 00-0642	EA	Single Solution that reads 125 KHz Proximity and 13.56 MHz smart credentials, comes with 12 button keypad (Sielox MTK)	941.44	60.98
28 16 11 00-0643	EA	Electromagnetic Lock, Automatic Voltage Selection, Magnetic Bond Sensor, Door Status Monitor, 628 Satin Aluminum Finish (Sielox M390RFK)	1,062.65	68.83
28 16 11 00-0644	EA	Electromagnetic Lock, Automatic Voltage Selection (Sielox M420)	655.36	42.45
28 16 11 00-0645	EA	Electromagnetic Lock, Automatic Voltage Selection, Door Status Monitor (DSM), Magnetic Bond Sensor (MBS), Relocking Time Delay (RTD) (Sielox M420P)	903.41	58.51
28 16 11 00-0646	EA	Electromagnetic Lock, Automatic Voltage Selection (Sielox M490)	820.25	53.13
28 16 11 00-0647	EA	Electromagnetic Lock, Automatic Voltage Selection, Door Status Monitor (DSM), Magnetic Bond Sensor (MBS), Relocking Time Delay (RTD) (Sielox M490P)	1,062.65	68.83
28 16 11 00-0648		**Exterior Mounting Posts For Door Operator Access Controls** *(28 16 11)* Note: For Use With card reader, intercom, camera, keypad, door exit button, door open button. Excludes concrete pads and electrical connections.		
28 16 11 00-0649	EA	4" x 4" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post (Pedestal Pro ADA-SS-TWR-47x4x4) Note: For door keypad or card reader operator access controls	1,040.16	62.87
		For Surface Mount With Baseplate And Bolts, Add	*120.47*	
28 16 11 00-0650	EA	4" x 6" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post (Pedestal Pro ADA-SS-TWR-47x4x6) Note: For door keypad or card reader operator access controls	1,184.68	73.35
		For Surface Mount With Baseplate And Bolts, Add	*136.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0651	EA	4" x 6" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post With Two Single Gang Cutouts (Pedestal Pro ADA-SS-TWR-47x4x6-2) Note: For door keypad or card reader operator access controls	1,320.61	73.35
		For Surface Mount With Baseplate And Bolts, Add	*136.11*	

28 16 11 00-0652 Request To Exit Detector *(28 16 11)*

28 16 11 00-0653	EA	Request-To-Exit Detector; Bosch DS160	257.98	89.66

28 16 11 00-0654 Access Power Controllers *(28 16 11)*

28 16 11 00-0655	EA	26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D Note: Includes power supply	1,816.36	105.76

28 18 Security Access Detection Equipment *(28 10)*

28 18 11 Security Access Metal Detectors *(28 18)*

28 18 11 00-0001 Metal Detectors *(28 18 11)*

28 18 11 00-0002	EA	Handheld Scanner (Garrett Super Scanner V)	282.09	28.74
28 18 11 00-0003	EA	Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000)	4,583.76	344.87
28 18 11 00-0004	EA	Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I)	7,095.21	459.82

28 18 11 00-0005 Whole Body Security Scanning System *(28 18 11)*

28 18 11 00-0006	EA	Whole Body Security Scanning System (Tek84 Intercept SSD-017-1101)	249,640.24	1,207.02
28 18 11 00-0007	EA	Whole Body Security Scanning System (Tek84 Defender SSD-018-1000)	262,253.65	1,207.02
28 18 11 00-0008	EA	Whole Body Security Scanning System (Tek84 Traveler SSD-777-1000)	317,111.72	689.72
28 18 11 00-0009	YR	Whole Body Security Scanning System Warranty (Tek84) Note: Coverage for additional Parts and Labor Warranty on one entire system after initial two (2) year warranty has expired.	13,794.14	

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 General Use Video Camera *(28 21 31 00-0003)*

28 21 31 00-0005	EA	Video Dome Spectra III, CIR/BW 23x Heavy-Duty, Pendant Note: Environmental clear bubble.	5,047.69	226.16
28 21 31 00-0006	EA	Ipak Enclosed Dust Tight Color Camera, Standard Resolution Lens Note: 3.5-8mm AI shields, wall mount.	886.86	113.22
28 21 31 00-0007	EA	Esprit Image Pak PTZ Camera	4,573.41	226.42
28 21 31 00-0008	EA	UF-LED 30 Degree, 850mm (252 LEDs) Includes Power Supply, 120 Volt AC	1,934.08	113.22

28 21 31 00-0009 Camera Power Supply *(28 21 31 00-0003)*

28 21 31 00-0010	EA	100 VA Outdoor Power Supply	372.05	56.61
28 21 31 00-0011	EA	Surge Protector, Isolated Coax Protector For CCTV	146.38	27.94
28 21 31 00-0012	EA	Altronics Power Supply With 8 Fused Outputs	617.71	113.22

28 21 31 00-0013 Miscellaneous Accessories *(28 21 31 00-0002)*

28 21 31 00-0014	EA	8 Channel DVR NTSC/PAL 250 GB With CD-RW	14,733.85	202.14
28 21 31 00-0015	EA	High Resolution Ethernet Video Server, Encoder, 12 Volt DC	2,160.51	226.42
28 21 31 00-0016	EA	High Resolution Ethernet Video Server, With Audio, Encoder, 12 Volt DC	2,465.45	226.42
28 21 31 00-0017	EA	High Resolution Ethernet Video Server, Decoder, 12 Volt DC	1,770.18	226.42
28 21 31 00-0018	EA	High Resolution Ethernet Video Server, With Audio, Decoder, 12 Volt DC	2,001.93	226.42
28 21 31 00-0019	EA	Outdoor Multi-Band Wireless Ethernet Bridge, 4 Inputs Note: 5.3 or 5.8 GHz.	4,087.70	226.42
28 21 31 00-0020	EA	24 dBi Gain, 5.25-5.85 GHz Band, 9 Degree Beamwidth, Patch Antenna	1,794.59	226.42
28 21 31 00-0021	EA	Extreme IR Illuminator, ZXLED850.20	5,803.48	226.42
28 21 31 00-0022	EA	Extreme IR Illuminator, UFLED850.30	2,665.93	113.22
28 21 31 00-0023	EA	Extreme IR Illuminator, EX26LED850M	1,446.17	113.22
28 21 31 00-0024	EA	Smart Sight Wireless Link	7,300.96	113.22
28 21 31 00-0025	EA	S1000 System Including Transmitter And Receiver	8,747.13	226.16
28 21 31 00-0026	EA	S1600e-R Video Decoder	2,116.21	113.22
28 21 31 00-0027	EA	Pole Mount Adapter	360.16	113.22

28 21 31 00-0028 Camera Mounting *(28 21 31 00-0002)*

28 21 31 00-0029 Camera Wall Mounts *(28 21 31 00-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0030	EA	Parapet Camera Wall Mount, 1.5" Diameter Pipe	641.49	113.09
28 21 31 00-0031	EA	Spectra Wall Mount, Gray	183.33	56.61
28 21 31 00-0032	EA	Spectra Wall Mount Pole Adapter For SWM-GY	147.45	56.61
28 21 31 00-0033	EA	Wall Mount Bracket For Exterior CCTV	490.42	113.22
28 21 31 00-0034		**Control Panels** *(28 21 31 00-0002)*		
28 21 31 00-0035	EA	CCTV Control Panel With Keyboard And Battery Backup, Up To 7 Cameras	38,746.25	
28 21 31 00-0036	EA	CCTV Control Panel With Keyboard And Battery Backup, 7 To 14 Cameras	46,495.50	
28 21 31 00-0037	EA	CCTV Control Panel With Keyboard And Battery Backup, 15 To 20 Cameras	54,244.75	
28 21 31 00-0038	EA	CCTV Control Panel With Keyboard And Battery Backup, >21 Cameras	61,994.00	
28 21 31 00-0039		**Closed Circuit Television And Surveillance Systems (Pelco)** *(28 21 31)*		
28 21 31 00-0040		**Cameras And Accessories** *(28 21 31 00-0039)*		
28 21 31 00-0041		**Cameras** *(28 21 31 00-0040)*		
28 21 31 00-0042		**Compact, 1/3" Format Cameras** *(28 21 31 00-0041)*		
28 21 31 00-0043		**High Resolution Color, Compact, 1/3" Format Cameras** *(28 21 31 00-0042)*		
28 21 31 00-0044	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	687.00	28.81
28 21 31 00-0045		**Day/Night, Compact, 1/3" Format Cameras** *(28 21 31 00-0042)*		
28 21 31 00-0046	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	401.55	28.81
28 21 31 00-0047		**Camerapaks** *(28 21 31 00-0040)* Note: Includes camera and lens.		
28 21 31 00-0048		**Camerapaks** *(28 21 31 00-0047)*		
28 21 31 00-0049		**High Resolution Color, Camerapaks** *(28 21 31 00-0048)*		
28 21 31 00-0050		**Fixed Focus, High Resolution Color, Camerapaks** *(28 21 31 00-0049)*		
28 21 31 00-0051		**Manual Iris, Fixed Focus, High Resolution Color, Camerapaks** *(28 21 31 00-0050)*		
28 21 31 00-0052	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	525.36	28.81
28 21 31 00-0053	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	493.26	28.81
28 21 31 00-0054	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	478.36	28.81
28 21 31 00-0055	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	474.92	28.81
28 21 31 00-0056		**Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks** *(28 21 31 00-0050)*		
28 21 31 00-0057	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	573.51	28.81
28 21 31 00-0058	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	525.36	28.81
28 21 31 00-0059	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	513.90	28.81
28 21 31 00-0060	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	504.73	28.81
28 21 31 00-0061		**Varifocal, High Resolution Color, Camerapaks** *(28 21 31 00-0049)*		
28 21 31 00-0062		**Manual Iris, Varifocal, High Resolution Color, Camerapaks** *(28 21 31 00-0061)*		
28 21 31 00-0063	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	620.51	28.81
28 21 31 00-0064	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	558.61	28.81
28 21 31 00-0065	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	508.17	28.81
28 21 31 00-0066	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	487.53	28.81
28 21 31 00-0067	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	564.34	28.81
28 21 31 00-0068		**Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks** *(28 21 31 00-0061)*		
28 21 31 00-0069	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	670.95	28.81
28 21 31 00-0070	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	628.54	28.81
28 21 31 00-0071	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	556.31	28.81
28 21 31 00-0072	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	495.55	28.81
28 21 31 00-0073	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	588.41	28.81
28 21 31 00-0074	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	666.37	28.81
28 21 31 00-0075	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	766.11	28.81
28 21 31 00-0076		**Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks** *(28 21 31 00-0061)*		
28 21 31 00-0077	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	521.92	28.81
28 21 31 00-0078	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	626.24	28.81
28 21 31 00-0079		**High Resolution Day/Night, Camerapaks** *(28 21 31 00-0048)*		
28 21 31 00-0080		**Varifocal, High Resolution Day/Night, Camerapaks** *(28 21 31 00-0079)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0081		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0080)*		
28 21 31 00-0082	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	1,066.46	28.81
28 21 31 00-0083	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	994.24	28.81
28 21 31 00-0084	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	933.48	28.81
28 21 31 00-0085	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	1,026.34	28.81
28 21 31 00-0086	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	1,104.29	28.81
28 21 31 00-0087	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	1,202.88	28.81
28 21 31 00-0088		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0080)*		
28 21 31 00-0089	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	959.85	28.81
28 21 31 00-0090	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	1,064.17	28.81
28 21 31 00-0091		Compact Camerapaks *(28 21 31 00-0047)*		
28 21 31 00-0092		High Resolution Color, Compact Camerapaks *(28 21 31 00-0091)*		
28 21 31 00-0093		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0092)*		
28 21 31 00-0094		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0093)*		
28 21 31 00-0095		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0094)*		
28 21 31 00-0096	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	824.57	28.81
28 21 31 00-0097	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	792.47	28.81
28 21 31 00-0098	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	776.42	28.81
28 21 31 00-0099	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	772.98	28.81
28 21 31 00-0100		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0094)*		
28 21 31 00-0101	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	871.57	28.81
28 21 31 00-0102	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	824.57	28.81
28 21 31 00-0103	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	813.11	28.81
28 21 31 00-0104	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	803.94	28.81
28 21 31 00-0105		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0093)*		
28 21 31 00-0106		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0107	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	919.72	28.81
28 21 31 00-0108	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	856.67	28.81
28 21 31 00-0109	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	807.38	28.81
28 21 31 00-0110	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	786.74	28.81
28 21 31 00-0111	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	862.40	28.81
28 21 31 00-0112	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	911.70	28.81
28 21 31 00-0113	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	1,028.63	28.81
28 21 31 00-0114		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0115	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	969.02	28.81
28 21 31 00-0116	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	927.75	28.81
28 21 31 00-0117	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	855.52	28.81
28 21 31 00-0118	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	793.62	28.81
28 21 31 00-0119	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	887.62	28.81
28 21 31 00-0120	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	965.58	28.81
28 21 31 00-0121	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	1,064.17	28.81
28 21 31 00-0122		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0123	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	821.13	28.81
28 21 31 00-0124	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	925.45	28.81
28 21 31 00-0125		EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0092)*		
28 21 31 00-0126		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0125)*		
28 21 31 00-0127		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0128	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	824.57	28.81
28 21 31 00-0129	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	613.63	28.81
28 21 31 00-0130	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	597.58	28.81
28 21 31 00-0131	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	594.15	28.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0132		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0133	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	692.74	28.81
28 21 31 00-0134	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	645.73	28.81
28 21 31 00-0135	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	634.27	28.81
28 21 31 00-0136	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	634.27	28.81
28 21 31 00-0137		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0125)*		
28 21 31 00-0138		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0139	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	740.88	28.81
28 21 31 00-0140	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	677.83	28.81
28 21 31 00-0141	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	628.54	28.81
28 21 31 00-0142	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	607.90	28.81
28 21 31 00-0143	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	683.56	28.81
28 21 31 00-0144	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	732.86	28.81
28 21 31 00-0145	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	849.79	28.81
28 21 31 00-0146		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0147	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	790.18	28.81
28 21 31 00-0148	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	748.91	28.81
28 21 31 00-0149	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	675.54	28.81
28 21 31 00-0150	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	614.78	28.81
28 21 31 00-0151	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	708.79	28.81
28 21 31 00-0152	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	786.74	28.81
28 21 31 00-0153	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	885.33	28.81
28 21 31 00-0154		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0155	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	642.29	28.81
28 21 31 00-0156	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	746.62	28.81
28 21 31 00-0157		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0091)*		
28 21 31 00-0158		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0157)*		
28 21 31 00-0159		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0158)*		
28 21 31 00-0160	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	760.37	28.81
28 21 31 00-0161		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0158)*		
28 21 31 00-0162	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	858.96	28.81
28 21 31 00-0163	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	810.81	28.81
28 21 31 00-0164		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0157)*		
28 21 31 00-0165		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0166	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	793.62	28.81
28 21 31 00-0167	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	772.98	28.81
28 21 31 00-0168	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	899.09	28.81
28 21 31 00-0169		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0170	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	913.99	28.81
28 21 31 00-0171	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	841.77	28.81
28 21 31 00-0172	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	781.01	28.81
28 21 31 00-0173	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	873.87	28.81
28 21 31 00-0174	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	951.82	28.81
28 21 31 00-0175	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	1,051.56	28.81
28 21 31 00-0176		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0177	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	807.38	28.81
28 21 31 00-0178	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	911.70	28.81
28 21 31 00-0179		Camera Systems *(28 21 31 00-0040)*		
28 21 31 00-0180		Camera Dome Systems *(28 21 31 00-0179)*		
28 21 31 00-0181		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0180)*		
28 21 31 00-0182		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0181)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0183		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0184		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0185	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	3,358.50	172.88
28 21 31 00-0186	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	3,828.52	172.88
28 21 31 00-0187	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	4,039.46	172.88
28 21 31 00-0188	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	5,616.91	172.88
28 21 31 00-0189		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0190	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,825.42	172.88
28 21 31 00-0191	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	3,062.73	172.88
28 21 31 00-0192	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	3,274.81	172.88
28 21 31 00-0193	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	3,396.33	172.88
28 21 31 00-0194	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	3,396.33	172.88
28 21 31 00-0195	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	3,560.27	172.88
28 21 31 00-0196	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	4,031.44	172.88
28 21 31 00-0197	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	4,243.52	172.88
28 21 31 00-0198	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	4,365.04	172.88
28 21 31 00-0199	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	4,365.04	172.88
28 21 31 00-0200		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0201	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	4,148.37	172.88
28 21 31 00-0202	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	4,619.54	172.88
28 21 31 00-0203	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	4,831.62	172.88
28 21 31 00-0204	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	4,953.14	172.88
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	4,953.14	172.88
28 21 31 00-0206		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0207	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,763.18	172.88
28 21 31 00-0208	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	4,001.63	172.88
28 21 31 00-0209	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	4,212.57	172.88
28 21 31 00-0210	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	4,334.09	172.88
28 21 31 00-0211	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	4,334.09	172.88
28 21 31 00-0212	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	4,534.71	172.88
28 21 31 00-0213	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	4,909.58	172.88
28 21 31 00-0214	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	5,120.52	172.88
28 21 31 00-0215	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	5,242.03	172.88
28 21 31 00-0216	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	5,242.03	172.88
28 21 31 00-0217		Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0218		Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0217)*		
28 21 31 00-0219	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	3,681.78	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0220	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,885.84	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0221	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	4,048.63	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0222	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	4,579.42	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0223	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	4,783.47	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0224	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	4,947.41	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0225		Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0217)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0226	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	4,619.54	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0227	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	4,823.60	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0228	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	4,987.53	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0229	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	5,457.56	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0230	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	5,660.47	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	5,824.41	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0233		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0232)*		
28 21 31 00-0234	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	6,124.76	172.88
28 21 31 00-0235	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	6,962.78	172.88
28 21 31 00-0236		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0237		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0238	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	5,319.99	172.88
28 21 31 00-0239		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0240	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	4,625.27	172.88
28 21 31 00-0241	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	5,524.05	172.88
28 21 31 00-0242		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0243	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	6,112.15	172.88
28 21 31 00-0244		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0245	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	5,564.17	172.88
28 21 31 00-0246	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	6,401.04	172.88
28 21 31 00-0247		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0248		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0247)*		
28 21 31 00-0249	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	2,107.78	172.88
28 21 31 00-0250		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0181)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0251		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0252		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0251)*		
28 21 31 00-0253	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	3,919.09	172.88
28 21 31 00-0254	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	4,131.17	172.88
28 21 31 00-0255	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	4,252.69	172.88
28 21 31 00-0256	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	4,252.69	172.88
28 21 31 00-0257	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	4,887.80	172.88
28 21 31 00-0258	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	5,099.88	172.88
28 21 31 00-0259	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	5,221.40	172.88
28 21 31 00-0260	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	5,221.40	172.88
28 21 31 00-0261		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0251)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0262	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	5,475.90	172.88
28 21 31 00-0263	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	5,687.98	172.88
28 21 31 00-0264	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	5,809.50	172.88
28 21 31 00-0265	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	5,809.50	172.88
28 21 31 00-0266		Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0267		Color, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0266)*		
28 21 31 00-0268	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	4,538.14	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0269	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	4,742.20	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0270	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	4,904.99	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0271	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	5,435.78	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0272	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	5,639.84	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0273	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	5,803.77	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0274		Day/Night, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0266)*		
28 21 31 00-0275	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	5,475.90	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0276	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	5,679.96	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0277	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	5,843.89	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0278	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	6,313.92	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0279	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	6,516.83	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0280	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	6,680.77	172.88
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0281		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0282		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0283	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	5,481.63	172.88
28 21 31 00-0284	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	6,380.41	172.88
28 21 31 00-0285		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0286	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	6,968.51	172.88
28 21 31 00-0287		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0288	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	6,420.53	172.88
28 21 31 00-0289	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	7,257.41	172.88
28 21 31 00-0290		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0291		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 31 00-0290)*		
28 21 31 00-0292	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,660.34	172.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0293		**Spectra®, Pan/Tilt Dome Drives** *(28 21 31 00-0181)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0294	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,964.17	144.06
28 21 31 00-0295	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	2,514.44	144.06
28 21 31 00-0296	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	3,194.25	144.06
28 21 31 00-0297	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	2,499.54	144.06
28 21 31 00-0298	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	3,397.17	144.06
28 21 31 00-0299	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	3,437.29	144.06
28 21 31 00-0300	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	3,985.27	144.06
28 21 31 00-0301	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	4,275.31	144.06
28 21 31 00-0302	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	4,275.31	144.06
28 21 31 00-0303		**Accessories For Spectra® Pan/Tilt Camera Dome Systems** *(28 21 31 00-0181)*		
28 21 31 00-0304	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	161.64	
28 21 31 00-0305	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	210.94	
28 21 31 00-0306	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	170.96	14.41
28 21 31 00-0307	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	438.07	14.41
28 21 31 00-0308	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	166.38	14.41
28 21 31 00-0309	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	301.09	14.41
28 21 31 00-0310	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	109.84	8.57
28 21 31 00-0311		**Camclosure®, Camera Dome Systems** *(28 21 31 00-0180)*		
28 21 31 00-0312		**Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0311)*		
28 21 31 00-0313		**Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0312)*		
28 21 31 00-0314		**High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0313)*		
28 21 31 00-0315	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	752.73	172.88
28 21 31 00-0316	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	821.52	172.88
28 21 31 00-0317	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	918.96	172.88
28 21 31 00-0318	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	918.96	172.88
28 21 31 00-0319		**Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0313)*		
28 21 31 00-0320	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	931.57	172.88
28 21 31 00-0321	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	1,020.99	172.88
28 21 31 00-0322	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	1,020.99	172.88
28 21 31 00-0323		**Day/Night, Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0313)*		
28 21 31 00-0324	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	1,076.02	172.88
28 21 31 00-0325	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,297.27	172.88
28 21 31 00-0326	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,297.27	172.88
28 21 31 00-0327		**Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems** *(28 21 31 00-0313)*		
28 21 31 00-0328	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	1,181.49	172.88
28 21 31 00-0329	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,323.64	172.88
28 21 31 00-0330		**Camclosure® IS Integrated, Bullet Style Camera Systems** *(28 21 31 00-0312)*		
28 21 31 00-0331		**High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems** *(28 21 31 00-0330)*		
28 21 31 00-0332	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	854.14	115.25
28 21 31 00-0333		**Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems** *(28 21 31 00-0330)*		
28 21 31 00-0334	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	983.68	115.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0335		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0336	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	1,086.86	115.25
28 21 31 00-0337		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0338	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	1,138.45	115.25
28 21 31 00-0339		Camclosure® IS Integrated Cameras *(28 21 31 00-0312)*		
28 21 31 00-0340	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	590.47	115.25
28 21 31 00-0341	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	590.47	115.25
28 21 31 00-0342	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	692.50	115.25
28 21 31 00-0343	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	968.78	115.25
28 21 31 00-0344	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	995.15	115.25
28 21 31 00-0345		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0346		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0345)*		
28 21 31 00-0347		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0346)*		
28 21 31 00-0348	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	639.24	172.88
28 21 31 00-0349	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	688.53	172.88
28 21 31 00-0350	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	885.71	172.88
28 21 31 00-0351	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	885.71	172.88
28 21 31 00-0352		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0346)*		
28 21 31 00-0353	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	1,106.97	172.88
28 21 31 00-0354		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0345)*		
28 21 31 00-0355		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0354)*		
28 21 31 00-0356	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	770.45	115.25
28 21 31 00-0357		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0345)*		
28 21 31 00-0358		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0359	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	1,020.99	172.88
28 21 31 00-0360		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0361	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	1,124.17	172.88
28 21 31 00-0362		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0363	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,253.71	172.88
28 21 31 00-0364		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0365	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,305.30	172.88
28 21 31 00-0366		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0367		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0366)*		
28 21 31 00-0368		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0367)*		
28 21 31 00-0369	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,873.91	172.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0370	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,873.91	172.88
28 21 31 00-0371		**Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0367)*		
28 21 31 00-0372	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	2,016.06	172.88
28 21 31 00-0373	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	2,016.06	172.88
28 21 31 00-0374		**Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0367)*		
28 21 31 00-0375	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	2,235.03	172.88
28 21 31 00-0376	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	2,235.03	172.88
28 21 31 00-0377		**Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0367)*		
28 21 31 00-0378	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	2,389.79	172.88
28 21 31 00-0379	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	2,389.79	172.88
28 21 31 00-0380		**Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0311)*		
28 21 31 00-0381	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	37.92	8.64
28 21 31 00-0382	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	37.92	8.64
28 21 31 00-0383	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	49.45	14.41
28 21 31 00-0384	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	81.54	14.41
28 21 31 00-0385	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	86.06	8.64
28 21 31 00-0386	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	81.54	14.41
28 21 31 00-0387	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	104.47	14.41
28 21 31 00-0388	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	282.32	28.81
28 21 31 00-0389	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	282.32	28.81
28 21 31 00-0390	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	282.32	28.81
28 21 31 00-0391	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	282.32	28.81
28 21 31 00-0392	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	98.74	14.41
28 21 31 00-0393	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	109.22	28.81
28 21 31 00-0394	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	109.22	28.81
28 21 31 00-0395	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	109.22	28.81
28 21 31 00-0396	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	109.22	28.81
28 21 31 00-0397	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	109.22	28.81
28 21 31 00-0398	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	109.22	28.81
28 21 31 00-0399	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	319.05	39.35
28 21 31 00-0400	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	68.93	14.41
28 21 31 00-0401	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	120.52	14.41
28 21 31 00-0402	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	68.93	14.41
28 21 31 00-0403	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	120.52	14.41
28 21 31 00-0404	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,744.37	172.88
28 21 31 00-0405		**Pan/Tilt Camera Systems** *(28 21 31 00-0179)*		
28 21 31 00-0406		**Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0405)* Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0407		**EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0406)*		
28 21 31 00-0408		**Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0407)*		
28 21 31 00-0409	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	5,004.50	259.31
28 21 31 00-0410	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	5,693.49	259.31
28 21 31 00-0411	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	6,648.44	259.31
28 21 31 00-0412	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	5,152.39	259.31
28 21 31 00-0413	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	5,872.33	259.31
28 21 31 00-0414	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	6,827.28	259.31
28 21 31 00-0415		**Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0407)*		
28 21 31 00-0416	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	5,051.51	259.31
28 21 31 00-0417	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	5,740.49	259.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0418	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	6,695.44	259.31
28 21 31 00-0419	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	5,200.54	259.31
28 21 31 00-0420	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	5,919.33	259.31
28 21 31 00-0421	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	6,874.28	259.31
28 21 31 00-0422		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0423		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0422)*		
28 21 31 00-0424		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0423)*		
28 21 31 00-0425	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	5,183.34	259.31
28 21 31 00-0426	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	5,872.33	259.31
28 21 31 00-0427	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	6,827.28	259.31
28 21 31 00-0428	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	5,331.23	259.31
28 21 31 00-0429	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	6,051.17	259.31
28 21 31 00-0430	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	7,006.12	259.31
28 21 31 00-0431		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0423)*		
28 21 31 00-0432	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	5,230.34	259.31
28 21 31 00-0433	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	5,919.33	259.31
28 21 31 00-0434	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	6,874.28	259.31
28 21 31 00-0435	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	5,379.38	259.31
28 21 31 00-0436	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	6,098.17	259.31
28 21 31 00-0437	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	7,053.12	259.31
28 21 31 00-0438		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0439		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0438)*		
28 21 31 00-0440		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0439)*		
28 21 31 00-0441	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	4,884.13	259.31
28 21 31 00-0442	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	5,573.12	259.31
28 21 31 00-0443	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	6,528.07	259.31
28 21 31 00-0444	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	5,033.16	259.31
28 21 31 00-0445	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	5,751.96	259.31
28 21 31 00-0446	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	6,706.91	259.31
28 21 31 00-0447		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0439)*		
28 21 31 00-0448	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,932.28	259.31
28 21 31 00-0449	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	5,620.12	259.31
28 21 31 00-0450	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	6,576.22	259.31
28 21 31 00-0451	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	4,965.53	259.31
28 21 31 00-0452	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	5,080.17	259.31
28 21 31 00-0453	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	5,798.96	259.31
28 21 31 00-0454	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	6,755.06	259.31
28 21 31 00-0455		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0456		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0455)*		
28 21 31 00-0457		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0456)*		
28 21 31 00-0458	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	5,858.57	259.31
28 21 31 00-0459	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	6,813.52	259.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0460	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	5,318.62	259.31
28 21 31 00-0461	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	6,037.41	259.31
28 21 31 00-0462	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	6,992.36	259.31
28 21 31 00-0463		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0456)*		
28 21 31 00-0464	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	5,217.73	259.31
28 21 31 00-0465	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	5,905.57	259.31
28 21 31 00-0466	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	6,861.67	259.31
28 21 31 00-0467	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	5,365.62	259.31
28 21 31 00-0468	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	6,084.41	259.31
28 21 31 00-0469	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	7,040.51	259.31
28 21 31 00-0470		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0471		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0470)*		
28 21 31 00-0472		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0471)*		
28 21 31 00-0473	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	6,965.99	259.31
28 21 31 00-0474	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	5,469.94	259.31
28 21 31 00-0475	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	7,144.83	259.31
28 21 31 00-0476		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0471)*		
28 21 31 00-0477	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	5,369.06	259.31
28 21 31 00-0478	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	7,014.14	259.31
28 21 31 00-0479	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	5,518.09	259.31
28 21 31 00-0480	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	6,236.88	259.31
28 21 31 00-0481	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	7,192.98	259.31
28 21 31 00-0482		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0483		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0482)*		
28 21 31 00-0484		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0483)*		
28 21 31 00-0485	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	5,849.40	259.31
28 21 31 00-0486		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0483)*		
28 21 31 00-0487	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	5,896.40	259.31
28 21 31 00-0488		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0482)*		
28 21 31 00-0489		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0488)*		
28 21 31 00-0490	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	6,965.99	259.31
28 21 31 00-0491	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	6,732.13	259.31
28 21 31 00-0492	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	7,666.44	259.31
28 21 31 00-0493		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0488)*		
28 21 31 00-0494	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	7,011.85	259.31
28 21 31 00-0495	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	6,732.13	259.31
28 21 31 00-0496	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	7,718.03	259.31
28 21 31 00-0497		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0498		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0497)*		
28 21 31 00-0499		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0498)*		
28 21 31 00-0500	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	4,474.87	259.31
28 21 31 00-0501	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	5,592.61	259.31
28 21 31 00-0502	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	5,362.18	259.31
28 21 31 00-0503	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	6,090.14	259.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0504		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0498)*		
28 21 31 00-0505	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	4,520.72	259.31
28 21 31 00-0506	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	5,639.61	259.31
28 21 31 00-0507	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	5,409.18	259.31
28 21 31 00-0508	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	6,141.73	259.31
28 21 31 00-0509		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0510		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0509)*		
28 21 31 00-0511		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0510)*		
28 21 31 00-0512	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	29,301.30	259.31
28 21 31 00-0513	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	31,517.30	259.31
28 21 31 00-0514	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	32,261.31	259.31
28 21 31 00-0515		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0510)*		
28 21 31 00-0516	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	29,349.45	259.31
28 21 31 00-0517	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	31,564.30	259.31
28 21 31 00-0518	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	32,308.31	259.31
28 21 31 00-0519		Accessories For Esprit® Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0520	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	11.84	2.88
28 21 31 00-0521	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	68.93	14.41
28 21 31 00-0522	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	110.20	14.41
28 21 31 00-0523	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	141.16	14.41
28 21 31 00-0524	EA	Ground Isolation Transformer (Pelco GIT100)	399.30	39.35
28 21 31 00-0525	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	570.81	39.35
28 21 31 00-0526	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	482.99	39.35
28 21 31 00-0527	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	665.45	39.35
28 21 31 00-0528	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	368.35	39.35
28 21 31 00-0529	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	960.98	39.35
28 21 31 00-0530	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,561.75	39.35
28 21 31 00-0531	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,860.96	39.35
28 21 31 00-0532	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,928.60	39.35
28 21 31 00-0533	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	2,035.21	39.35
28 21 31 00-0534	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,481.77	39.36
28 21 31 00-0535	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,511.42	39.35
28 21 31 00-0536	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,539.88	39.35
28 21 31 00-0537	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	6,431.66	39.35
28 21 31 00-0538	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	6,610.50	39.35
28 21 31 00-0539	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	110.95	9.27
28 21 31 00-0540	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	110.95	9.27
28 21 31 00-0541		Camera Lenses *(28 21 31 00-0040)*		
28 21 31 00-0542		Fixed Focus Camera Lenses *(28 21 31 00-0541)* Note: 1/3" format and manual focus.		
28 21 31 00-0543		Manual Iris, Fixed Focus Camera Lenses *(28 21 31 00-0542)*		
28 21 31 00-0544	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	177.90	13.52
28 21 31 00-0545	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	145.80	13.52
28 21 31 00-0546	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	129.75	13.52
28 21 31 00-0547	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	126.31	13.52
28 21 31 00-0548		Direct Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0542)* Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0549	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	224.90	13.52
28 21 31 00-0550	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	177.90	13.52
28 21 31 00-0551	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	166.44	13.52
28 21 31 00-0552	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	116.00	13.52
28 21 31 00-0553		Video Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0542)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0554	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	267.32	13.52
28 21 31 00-0555	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	219.17	13.52
28 21 31 00-0556	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	207.71	13.52
28 21 31 00-0557	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	198.54	13.52
28 21 31 00-0558		Varifocal Camera Lenses *(28 21 31 00-0541)* Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0559		Manual Iris, Varifocal Camera Lenses *(28 21 31 00-0558)*		
28 21 31 00-0560	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	240.04	13.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0561	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	210.00	13.52
28 21 31 00-0562	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	160.71	13.52
28 21 31 00-0563	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	140.07	13.52
28 21 31 00-0564	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	381.96	13.52
28 21 31 00-0565	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	185.25	13.52
28 21 31 00-0566	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	197.70	13.52
28 21 31 00-0567		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0558)*		
		Note: Includes spot filter.		
28 21 31 00-0568	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	235.89	13.52
28 21 31 00-0569	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	207.66	13.52
28 21 31 00-0570	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	157.86	13.52
28 21 31 00-0571	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	116.35	13.52
28 21 31 00-0572	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	417.50	13.52
28 21 31 00-0573	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	233.40	13.52
28 21 31 00-0574		Video Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0558)*		
		Note: Includes spot filter.		
28 21 31 00-0575	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	364.76	13.52
28 21 31 00-0576	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	322.35	13.52
28 21 31 00-0577	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	189.37	13.52
28 21 31 00-0578	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	360.18	13.52
28 21 31 00-0579		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0558)*		
28 21 31 00-0580	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	135.44	13.52
28 21 31 00-0581	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	206.00	13.52
28 21 31 00-0582		Motorized Zoom Camera Lenses *(28 21 31 00-0541)*		
		Note: 1/3" format.		
28 21 31 00-0583		Manual Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0582)*		
28 21 31 00-0584	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	670.85	13.52
28 21 31 00-0585	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	840.52	13.52
28 21 31 00-0586	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	896.69	13.52
28 21 31 00-0587		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0582)*		
		Note: Includes spot filter.		
28 21 31 00-0588	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	555.49	13.52
28 21 31 00-0589	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	642.65	13.52
28 21 31 00-0590	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	991.85	13.52
28 21 31 00-0591	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	1,105.86	13.52
28 21 31 00-0592	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	2,199.15	13.52
28 21 31 00-0593		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0582)*		
		Note: Includes spot filter.		
28 21 31 00-0594	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	688.05	13.52
28 21 31 00-0595	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	821.03	13.52
28 21 31 00-0596	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	1,034.26	13.52
28 21 31 00-0597	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,510.02	13.52
28 21 31 00-0598	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	2,464.97	13.52
28 21 31 00-0599		Camera Power Supplies *(28 21 31 00-0040)*		
28 21 31 00-0600	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	43.69	11.53
28 21 31 00-0601	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	78.08	11.53
28 21 31 00-0602	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	315.89	23.05
28 21 31 00-0603	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	363.85	34.58
28 21 31 00-0604	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	409.31	46.10
		For Switchable Outputs, Add	*190.27*	
28 21 31 00-0605	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	457.26	57.63
		For Switchable Outputs, Add	*205.21*	
28 21 31 00-0606		Camera Illuminators *(28 21 31 00-0040)*		
28 21 31 00-0607		Camera Illuminators *(28 21 31 00-0606)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0608	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,802.38	23.05
28 21 31 00-0609	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,802.38	23.05
28 21 31 00-0610	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,802.38	23.05
28 21 31 00-0611		Camera Illuminator Accessories *(28 21 31 00-0606)*		
28 21 31 00-0612	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	143.54	23.05
28 21 31 00-0613		Camera Receivers *(28 21 31 00-0040)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0614	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,731.42	39.35
28 21 31 00-0615	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,731.42	39.35
28 21 31 00-0616		Pan And Tilt Drives *(28 21 31 00-0040)*		
28 21 31 00-0617	EA	15 Lb. Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	1,219.54	86.43
28 21 31 00-0618	EA	40 Lb. Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,554.29	86.43
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0619	EA	100 Lb. Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	3,310.58	86.43
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0620	EA	100 Lb. Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	3,786.33	86.43
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0621	EA	100 Lb. Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	4,384.75	86.43
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0622	EA	100 Lb. Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	5,657.26	86.43
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0623		Scanners *(28 21 31 00-0040)*		
28 21 31 00-0624	EA	35 Lb. Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,394.94	86.43
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0625	EA	35 Lb. Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,467.17	86.43
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0626		Camera Monitors *(28 21 31 00-0039)*		
28 21 31 00-0627		Camera Monitors *(28 21 31 00-0626)*		
28 21 31 00-0628		Monochrome Camera Monitors *(28 21 31 00-0627)*		
28 21 31 00-0629	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	271.88	17.28
28 21 31 00-0630	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	312.01	17.28
28 21 31 00-0631	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	481.68	17.28
28 21 31 00-0632	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	778.59	17.28
28 21 31 00-0633		Color Camera Monitors *(28 21 31 00-0627)*		
28 21 31 00-0634	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	879.48	17.28
28 21 31 00-0635	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	712.10	17.28
28 21 31 00-0636	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	1,037.68	17.28
28 21 31 00-0637	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	1,381.60	17.28
28 21 31 00-0638		LCD Camera Monitors *(28 21 31 00-0626)*		
28 21 31 00-0639		VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0640	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	995.26	17.28
28 21 31 00-0641	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	1,297.91	17.28
28 21 31 00-0642		Multimode, Color LCD Camera Monitors (Pelco 300 Series) *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0643	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	1,132.83	17.28
28 21 31 00-0644	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	1,357.53	17.28
28 21 31 00-0645	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,671.64	17.28
28 21 31 00-0646		Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0647	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,456.12	17.28
28 21 31 00-0648	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,689.98	17.28
28 21 31 00-0649	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	2,122.17	17.28
28 21 31 00-0650		Camera Monitor Mounting Accessories *(28 21 31 00-0626)*		
28 21 31 00-0651		Camera Monitor Mounts *(28 21 31 00-0650)*		
28 21 31 00-0652	EA	Up To 14", Camera Monitor Mount (Pelco)	332.70	23.05
28 21 31 00-0653	EA	>14" To 17", Camera Monitor Mount (Pelco)	388.87	23.05
28 21 31 00-0654	EA	>17" To 21", Camera Monitor Mount (Pelco)	457.66	23.05
28 21 31 00-0655		Camera Monitor Rack Mount Kits *(28 21 31 00-0650)*		
28 21 31 00-0656	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	198.57	23.05
28 21 31 00-0657		Video Transmission Equipment *(28 21 31 00-0039)*		
28 21 31 00-0658		UTP Cable, Video Transmission Equipment *(28 21 31 00-0657)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0659		**UTP Cable, Active Video Receivers** *(28 21 31 00-0658)*		
28 21 31 00-0660	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	418.75	28.81
28 21 31 00-0661	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,465.41	28.81
28 21 31 00-0662	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,892.68	28.81
28 21 31 00-0663	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	4,757.87	28.81
28 21 31 00-0664	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	5,556.91	28.81
28 21 31 00-0665		**UTP Cable, Passive Video Transceivers** *(28 21 31 00-0658)*		
28 21 31 00-0666	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	116.10	28.81
28 21 31 00-0667	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	418.75	28.81
28 21 31 00-0668	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	781.01	28.81
28 21 31 00-0669	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,494.07	28.81
28 21 31 00-0670	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,931.65	28.81
28 21 31 00-0671		**UTP Cable, Active Video Transmitters** *(28 21 31 00-0658)*		
28 21 31 00-0672	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	438.23	28.81
28 21 31 00-0673		**Fiber Optics, Video Transmission Equipment** *(28 21 31 00-0657)*		
28 21 31 00-0674		**Data Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0673)*		
28 21 31 00-0675		**Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0674)*		
28 21 31 00-0676	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	2,577.72	57.63
28 21 31 00-0677	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	1,043.83	57.63
28 21 31 00-0678	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,879.56	57.63
28 21 31 00-0679	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	1,291.46	57.63
28 21 31 00-0680		**Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0674)*		
28 21 31 00-0681	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	2,577.72	57.63
28 21 31 00-0682	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	1,043.83	57.63
28 21 31 00-0683	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,879.56	57.63
28 21 31 00-0684	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	1,291.46	57.63
28 21 31 00-0685		**Video Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0673)*		
28 21 31 00-0686		**Digitally Encoded Video, Fiber Optics Transmitters** *(28 21 31 00-0685)*		
28 21 31 00-0687	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	1,135.55	57.63
28 21 31 00-0688	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	486.68	57.63
28 21 31 00-0689	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	3,174.99	57.63
28 21 31 00-0690	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,902.49	57.63
28 21 31 00-0691	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	5,211.00	57.63
28 21 31 00-0692	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	4,330.56	57.63
28 21 31 00-0693	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	12,960.66	57.63
28 21 31 00-0694	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	11,533.39	57.63
28 21 31 00-0695		**Digitally Encoded Video, Fiber Optics Receivers** *(28 21 31 00-0685)*		
28 21 31 00-0696	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	1,135.55	57.63
28 21 31 00-0697	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	486.68	57.63
28 21 31 00-0698	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,949.49	57.63
28 21 31 00-0699	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	781.31	57.63
28 21 31 00-0700	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	3,174.99	57.63
28 21 31 00-0701	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,902.49	57.63
28 21 31 00-0702	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	5,211.00	57.63
28 21 31 00-0703	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	4,330.56	57.63
28 21 31 00-0704	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	12,960.66	57.63
28 21 31 00-0705	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	11,533.39	57.63
28 21 31 00-0706		**Video And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0673)*		
28 21 31 00-0707		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0706)*		
28 21 31 00-0708	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,968.98	57.63
28 21 31 00-0709	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	1,167.65	57.63
28 21 31 00-0710	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	4,604.55	57.63
28 21 31 00-0711	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	3,984.35	57.63
28 21 31 00-0712	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	7,462.53	57.63
28 21 31 00-0713	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	5,405.89	57.63

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28 21 31 00-0714		Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0706)*		
28 21 31 00-0715	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,968.98	57.63
28 21 31 00-0716	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	1,167.65	57.63
28 21 31 00-0717	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	4,604.55	57.63
28 21 31 00-0718	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	3,984.35	57.63
28 21 31 00-0719	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	7,462.53	57.63
28 21 31 00-0720	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	5,405.89	57.63
28 21 31 00-0721		Video, Audio And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0673)*		
28 21 31 00-0722		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters *(28 21 31 00-0721)*		
28 21 31 00-0723	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	2,541.03	57.63
28 21 31 00-0724	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	2,018.27	57.63
28 21 31 00-0725		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers *(28 21 31 00-0721)*		
28 21 31 00-0726	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	2,541.03	57.63
28 21 31 00-0727	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	2,018.27	57.63
28 21 31 00-0728		Video Amplifiers *(28 21 31 00-0657)*		
28 21 31 00-0729		Video Distribution Amplifiers *(28 21 31 00-0728)*		
28 21 31 00-0730	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	311.97	14.41
28 21 31 00-0731	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	2,563.50	14.41
28 21 31 00-0732		Video Equalizing Amplifiers *(28 21 31 00-0728)*		
28 21 31 00-0733	EA	Video Equalizing Amplifier (Pelco EA2010)	339.48	14.41
28 21 31 00-0734	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	535.52	14.41
28 21 31 00-0735		Network Video Equipment *(28 21 31 00-0039)*		
28 21 31 00-0736		Video Encoders/Decoders *(28 21 31 00-0735)*		
28 21 31 00-0737	EA	MPEG4 IP Video Receiver (Pelco NET300R)	1,257.06	28.81
28 21 31 00-0738	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,257.06	28.81
28 21 31 00-0739	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,449.66	28.81
28 21 31 00-0740	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,449.66	28.81
28 21 31 00-0741		Network Video Recorders *(28 21 31 00-0735)*		
28 21 31 00-0742	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	8,055.22	57.63
28 21 31 00-0743	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	9,377.02	57.63
28 21 31 00-0744	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	12,022.91	57.63
28 21 31 00-0745	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	7,955.48	57.63
28 21 31 00-0746		Network Video Recorder Software *(28 21 31 00-0735)*		
28 21 31 00-0747	EA	10 User, License Pack (Pelco VMX300-LIC-10)	797.89	
28 21 31 00-0748	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,438.73	
28 21 31 00-0749	EA	50 User, License Pack (Pelco VMX300-LIC-50)	3,195.02	
28 21 31 00-0750	EA	100 User, License Pack (Pelco VMX300-LIC-100)	5,588.70	
28 21 31 00-0751	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,332.12	
28 21 31 00-0752	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	2,395.98	
28 21 31 00-0753	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	5,325.03	
28 21 31 00-0754	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	9,316.79	
28 21 31 00-0755	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	15,970.50	
28 21 31 00-0756	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	33,270.82	
28 21 31 00-0757	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	7,167.20	
28 21 31 00-0758	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	7,610.86	
28 21 31 00-0759	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	12,048.57	
28 21 31 00-0760	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	7,966.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0761	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	8,409.90	
28 21 31 00-0762	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	12,845.32	
28 21 31 00-0763	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	7,700.28	
28 21 31 00-0764	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	8,145.08	
28 21 31 00-0765	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	12,581.65	
28 21 31 00-0766	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	9,030.10	
28 21 31 00-0767	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	9,473.76	
28 21 31 00-0768	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	13,911.47	
28 21 31 00-0769		Video Recording Equipment *(28 21 31 00-0039)*		
28 21 31 00-0770		Digital Video Recorders *(28 21 31 00-0769)*		
28 21 31 00-0771	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	12,623.62	57.63
28 21 31 00-0772	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	17,316.98	57.63
28 21 31 00-0773	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	22,011.49	57.63
28 21 31 00-0774	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	15,201.87	57.63
28 21 31 00-0775	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	19,895.24	57.63
28 21 31 00-0776	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	24,589.74	57.63
28 21 31 00-0777	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	16,619.97	57.63
28 21 31 00-0778	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	21,313.33	57.63
28 21 31 00-0779	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	26,007.84	57.63
28 21 31 00-0780	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	19,198.22	57.63
28 21 31 00-0781	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	23,891.59	57.63
28 21 31 00-0782	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	28,586.09	57.63
28 21 31 00-0783	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	13,936.59	57.63
28 21 31 00-0784		Digital Video Recorder Accessories *(28 21 31 00-0769)*		
28 21 31 00-0785	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	1,215.79	28.81
28 21 31 00-0786		Matrix Systems And Controls *(28 21 31 00-0039)*		
28 21 31 00-0787		Video Multiplexers *(28 21 31 00-0786)*		
28 21 31 00-0788		Monochrome Duplex, Video Multiplexers *(28 21 31 00-0787)*		
28 21 31 00-0789	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	2,309.46	57.63
28 21 31 00-0790	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	2,182.21	57.63
28 21 31 00-0791		Color Duplex, Video Multiplexers *(28 21 31 00-0787)*		
28 21 31 00-0792	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,556.27	57.63
28 21 31 00-0793	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,978.96	57.63
28 21 31 00-0794	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	3,230.02	57.63
28 21 31 00-0795		Color Simplex, Video Multiplexers *(28 21 31 00-0787)*		
28 21 31 00-0796	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	2,502.05	57.63
28 21 31 00-0797	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,923.93	57.63
28 21 31 00-0798		Video Multiplexer Accessories *(28 21 31 00-0787)*		
28 21 31 00-0799	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,368.01	39.35
28 21 31 00-0800	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	797.10	39.35
28 21 31 00-0801	EA	Video Multiplexer Server (Pelco MX4000SVR)	2,309.46	57.63
28 21 31 00-0802		Quad Video Processor *(28 21 31 00-0786)*		
28 21 31 00-0803	EA	Monochrome, Quad Video Processor (Pelco QD104M)	712.22	28.81
28 21 31 00-0804	EA	Color, Quad Video Processor (Pelco QD104C)	1,170.78	28.81
28 21 31 00-0805		Switcher *(28 21 31 00-0786)*		
28 21 31 00-0806		Terminating Manual Switchers *(28 21 31 00-0805)*		
28 21 31 00-0807		Terminating Manual Switchers *(28 21 31 00-0806)*		
28 21 31 00-0808	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	244.43	23.05
28 21 31 00-0809	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	333.85	23.05
28 21 31 00-0810	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	407.22	23.05
28 21 31 00-0811	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	669.74	23.05
28 21 31 00-0812		Audio Follow, Terminating Manual Switchers *(28 21 31 00-0806)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0813	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	317.80	23.05
28 21 31 00-0814	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	564.27	23.05
28 21 31 00-0815	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	989.59	23.05
28 21 31 00-0816		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0806)*		
28 21 31 00-0817	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	426.70	23.05
28 21 31 00-0818	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	786.67	23.05
28 21 31 00-0819		**Looping Manual Switchers** *(28 21 31 00-0805)*		
28 21 31 00-0820		**Looping Manual Switchers** *(28 21 31 00-0819)*		
28 21 31 00-0821	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	274.23	23.05
28 21 31 00-0822	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	378.56	23.05
28 21 31 00-0823	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	484.02	23.05
28 21 31 00-0824	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	801.58	23.05
28 21 31 00-0825		**Audio Follow, Looping Manual Switchers** *(28 21 31 00-0819)*		
28 21 31 00-0826	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	343.02	23.05
28 21 31 00-0827	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	603.25	23.05
28 21 31 00-0828	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	830.24	23.05
28 21 31 00-0829		**Balanced Audio Follow, Looping Manual Switchers** *(28 21 31 00-0819)*		
28 21 31 00-0830	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	457.66	23.05
28 21 31 00-0831	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	833.68	23.05
28 21 31 00-0832	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	1,050.35	23.05
28 21 31 00-0833		**Sequential Switchers** *(28 21 31 00-0805)*		
28 21 31 00-0834		**Single Output, Sequential Switchers** *(28 21 31 00-0833)*		
28 21 31 00-0835	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	485.17	23.05
28 21 31 00-0836	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	725.92	23.05
28 21 31 00-0837		**Dual Outputs, Sequential Switchers** *(28 21 31 00-0833)*		
28 21 31 00-0838	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	607.84	23.05
28 21 31 00-0839	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	843.99	23.05
28 21 31 00-0840		**Controls** *(28 21 31 00-0786)*		
28 21 31 00-0841		**Direct/Multi-Cable Controls** *(28 21 31 00-0840)*		
28 21 31 00-0842	EA	Scanner Control Module (Pelco MPS524DT)	408.73	57.63
28 21 31 00-0843	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	437.39	57.63
28 21 31 00-0844	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	486.68	57.63
28 21 31 00-0845	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	509.61	57.63
28 21 31 00-0846	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	812.26	57.63
28 21 31 00-0847	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	895.95	57.63
28 21 31 00-0848		**Coaxitron Controls** *(28 21 31 00-0840)*		
28 21 31 00-0849	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	583.87	39.35
28 21 31 00-0850	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	1,123.83	39.35
28 21 31 00-0851	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	1,278.59	39.35
28 21 31 00-0852		**Digital Controls** *(28 21 31 00-0840)*		
28 21 31 00-0853	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	791.37	39.35
28 21 31 00-0854	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,356.54	39.35
28 21 31 00-0855		**Lock Boxes** *(28 21 31 00-0786)*		
28 21 31 00-0856	EA	VCR Lock Box (Pelco LB1000)	486.52	43.22
		For Wall Mount, Add	*165.00*	
28 21 31 00-0857	EA	Computer Disk Drive Lock Box (Pelco LB2000)	497.99	43.22
28 21 31 00-0858	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	922.16	43.22
28 21 31 00-0859		**Test And Certification Of Surveillance Camera System** *(28 21 31)*		
28 21 31 00-0860	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	912.42	
28 21 31 00-0861	HR	Test And Certification Of Surveillance Camera System	285.13	
28 21 31 00-0862		**Programming Of Surveillance Camera System** *(28 21 31)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0863	HR	Programming Of Surveillance Camera (CCTV) System	228.10	

28 21 31 00-0864 Proprietary Surveillance Systems *(28 21 31)*

28 21 31 00-0865	MLF	Cat6E, Shielded, (F/UTP) CMR/CMX, UV/Outdoor, 23AWG 8/C, Drain Wire, Solid BC (ETL) Cable (I9 C6CMXR-1069BK)	1,261.71	
28 21 31 00-0866	EA	Perimeter Defender License (I9 0333-608)	535.75	
28 21 31 00-0867	EA	Perimeter Defender with PTZ Autotracking License (I9 01725-001)	535.75	
28 21 31 00-0868	EA	DIN Rail Clip A (I9 5503-931)	48.54	
28 21 31 00-0869	EA	DIN Rail Clip B (I9 T91A03)	50.25	
28 21 31 00-0870	EA	Main Cable Angle C13-Open 0.5m (I9 5506-244)	49.41	
28 21 31 00-0871	EA	21" x 21", 12 Gauge, Interior Panel (I9 A24P24)	215.96	
28 21 31 00-0872	EA	29" x 21" x 12" Deep, Type 3R, Vented Enclosure (I9 WF3LP)	1,977.56	
28 21 31 00-0873	EA	14U x 24" Deep, mobile security rack. Enclosed with locking doors, casters, and 10-32 rails. (I9 PTRK-14MDK)	2,662.41	
28 21 31 00-0874	EA	Rackrail, 10-32, 14 RU, PTRK Series (I9 PTRK-RR14)	69.64	
28 21 31 00-0875	EA	Utility Rackshelf, 1 RU, 10.4" D, Vented (I9 U1V)	98.84	
28 21 31 00-0876	EA	Utility Rackshelf, 2 RU, 14.75 D (I9 U2)	148.23	
28 21 31 00-0877	EA	Utility Rackshelf, 2 RU, 14.75 D, Vented (I9 U2V)	124.66	
28 21 31 00-0878	EA	Outdoor IR Network Dome Camera, 3.4-8.9mm Lens (I9 P3245-LVE)	1,346.38	
28 21 31 00-0879	EA	Outdoor PTZ Network Camera, 32x Lens (I9 P5655-E)	3,758.18	
28 21 31 00-0880	EA	Outdoor Thermal Network Camera, 19mm Lens (I9 Q1941-E)	5,214.85	
28 21 31 00-0881	EA	Outdoor Thermal Network Camera, 13mm Lens (I9 Q1941-E)	5,214.85	
28 21 31 00-0882	EA	Outdoor Thermal Network Camera, 60mm Lens (I9 Q1941-E)	8,139.16	
28 21 31 00-0883	EA	IR Dome Network Camera 3.4-8.9mm Lens (I9 P3245-LVE)	1,125.57	
28 21 31 00-0884	EA	Outdoor Network IR Dome Camera 3.5-10mm Lens (I9 P3228-LVE)	2,082.42	
28 21 31 00-0885	EA	Pole Mount, 50-150 mm (I9 T91B47)	159.97	
28 21 31 00-0886	EA	Wall Mount (I9 T91G61)	398.52	
28 21 31 00-0887	EA	Attachment Kit for PTZ Cameras (I9 T94AO1C)	206.19	
28 21 31 00-0888	EA	Dual Camera Mount (I9 T94V01C)	206.19	
28 21 31 00-0889	EA	Conduit Back Box (I9 T94S01P)	243.84	
28 21 31 00-0890	EA	Corner Bracket (I9 T91A64)	170.24	
28 21 31 00-0891	EA	Pendant Kit (I9 T94A01D)	120.60	
28 21 31 00-0892	EA	Tile Grid Ceiling Mount (I9 T91A23)	158.26	
28 21 31 00-0893	EA	Indoor Pendant Kit (I9 T94K01D)	100.06	
28 21 31 00-0894	EA	Pole Mount 65-165MM (I9 T91B67)	199.34	
28 21 31 00-0895	EA	Outdoor Pendant Kit for P32-VE Camera (I9 T94T01D)	113.75	
28 21 31 00-0896	EA	Wall Mount 1.5" NPS for selected Fixed Dome Cameras (I9 T91D61)	182.85	
28 21 31 00-0897	EA	Parapet Mount for PTZ and Dome Network Camera (I9 T91B62)	377.98	
28 21 31 00-0898	EA	1U Rackmount Console with built-in slide-out keyboard/touch pad and tilt-up 17-inch LCD monitor (I9 B021-000-17)	1,123.12	
28 21 31 00-0899	EA	1-Year Extended Warranty (I9 WEXT1J)	167.73	
28 21 31 00-0900	EA	Wall-Mountable Interconnect Center (WIC) (I9 WIC-02P)	188.66	
28 21 31 00-0901	EA	Closet Connector Housing (CCH) Panel (I9 CCH-CP12-19T)	171.10	
28 21 31 00-0902	EA	USB 2.0 Extender (I9 EXT-USB2.0-LR)	902.85	
28 21 31 00-0903	EA	SeaLevel IO Device: USB to 16 Isolated Inputs / 16 Reed Relay Outputs Digital Interface Adapter (I9 SeaDAC 8221)	611.88	
28 21 31 00-0904	EA	15 Watt, Midspan 1-Port (I9 T8120)	121.06	
28 21 31 00-0905	EA	30 Watt, Midspan 8-Port (I9 T8133)	158.72	
28 21 31 00-0906	EA	24" Monitor (I9 P2419H)	428.07	
28 21 31 00-0907	EA	43" Full HD Commercial LED Display (I9 CDE4302)	700.25	
28 21 31 00-0908	EA	Articulating Arm (20'' Extension) TV Wall Mount Bracket for 32-65'' TVs (I9 APDAM28)	527.68	
28 21 31 00-0909	EA	Slim Power Strip, 7 Outlet, 15 Amperage, 10' Cord, Vertical Mounting (I9 PD-715SC-NS)	186.00	
28 21 31 00-0910	EA	CV 20/20 Enterprise - 1 IP camera License (I9 SPEI)	335.48	
28 21 31 00-0911	EA	5 Year Extended Warranty for Complete View Enterprise (I9 SMAE5)	98.24	
28 21 31 00-0912	EA	NVR Server And 5 Year SFW updates included (I9 PowerPro PPN12T5B)	9,917.55	
28 21 31 00-0913	EA	Catalyst 3560cx-12pc-s Managed Switch (I9 WS-C3560CX-12PC-S)	2,433.32	
28 21 31 00-0914	EA	Extended Service Warranty (I9 CON-SNT-WSC312PC)	251.60	
28 21 31 00-0915	EA	Catalyst 8-Port 10/100/1000 Managed Gigabit Ethernet Switch (I9 WS-C3560CX-8PC-S)	1,799.98	
28 21 31 00-0916	EA	Extended Service Warranty (I9 CON-SNT-WSC38PCS)	205.39	
28 21 31 00-0917	EA	IE 1GB SD Memory Card for IE2000, IE3010 (I9 SD-IE-1GB)	481.60	
28 21 31 00-0918	EA	50 Watt AC To DC or High DC to DC Power Supply (I9 PWR-IE50W-AC)	502.14	
28 21 31 00-0919	EA	8 Port Switch (I9 IE-2000-8TC-B)	2,117.01	
28 21 31 00-0920	EA	Extended Service Warranty (I9 CON-SNT-IE2K8TCG)	280.70	
28 21 31 00-0921	EA	American Power Conversion (APC) Smart-UPS X 1500VA Rack/Tower LCD 120 Vole (I9 SMX1500RM2UNC)	2,188.56	
28 21 31 00-0922	EA	Industrial 1.5 kVA UPS Tower, 12-Year Batteries, Wide Temp (I9 SSG1.5 K-1)	2,922.88	
28 21 31 00-0923	EA	OptiPlex 7080 Micro (I9 Optiplex 7080 210-ASEG)	1,842.07	
28 21 31 00-0924	EA	OptiPlex Micro VESA Mount with adapter box (I9 Optiplex 452-BDEQ)	57.09	
28 21 31 00-0925	EA	Logitech MK520 Keyboard and Mouse Combo - Wireless (I9 MK520)	81.06	

28 21 31 00-0926 Removal And Reinstallation Of Cameras *(28 21 31)*

Note: Includes storage, cleaning and supply materials.

28 21 31 00-0927	EA	Removal And Reinstallation Of Camera System	518.64	

28 30 Security Detection, Alarm, and Monitoring *(28)*

28 31 Intrusion Detection *(28 30)*

28 31 11 Building Intrusion Detection *(28 31)*

28 31 11 13 Building Intrusion Detection Remote Devices and Sensors *(28 31 11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 11 13-0001		Intrusion / Panic Alarm Equipment *(28 31 11 13)*		
28 31 11 13-0002	EA	Digital Keypad (Bosch D1255)	431.48	57.63
28 31 11 13-0003	EA	Alarm Panel (Bosch D7412GV4)	981.68	230.50
28 31 11 13-0004	EA	Alarm Panel (Bosch D9412GV4)	1,384.16	230.50
28 31 11 13-0005	EA	Passive Infrared / Microwave Detectors, Long Range (Bosch DS970)	252.53	43.22
28 31 11 13-0006	EA	Passive Infrared / Microwave Detectors, Medium Range (Bosch DS950)	234.96	43.22
28 31 11 13-0007	EA	Passive Infrared / Microwave Detectors, 360 (Bosch DS9360)	310.03	43.22
28 31 11 13-0008	EA	Glass Break Sensor (Honeywell FG1625F)	107.89	14.41
28 31 11 13-0009	EA	Siren/Speaker (Sentrol MPI-36)	74.92	23.05
28 31 11 13-0010	EA	Magnetic Door Contact Switch, Flush Mount (Sentrol 1078CT)	23.17	5.76
28 31 11 13-0011	EA	Magnetic Door Contact Switch, Surface Mount, Non-Exposed Wiring (Sentrol 1042TW)	26.21	5.76
28 31 11 13-0012	EA	Magnetic Door Contact Switch, Surface Mount, Exposed Wiring (Sentrol 2505)	57.70	8.64
28 31 11 13-0013	EA	Magnetic Door Contact Switch, Floor Mount (Sentrol 2707A)	179.82	14.41
28 31 11 13-0014	EA	Panel Enclosure (Bosch D8103)	128.92	43.22
28 31 11 13-0015	EA	Lock And Key Assembly (Bosch D101)	18.24	5.76
28 31 11 13-0016	EA	7 AH, 12 Volt Battery (Bosch D126)	79.13	14.41
28 31 11 13-0017	EA	Transformer (Bosch D1640)	33.56	5.76
28 31 11 13-0018	EA	Keypad Back Boxes (Bosch D56)	33.89	5.76
28 31 11 13-0019	EA	Auxiallry Relay (Bosch D136)	22.38	5.76
28 31 11 13-0020	EA	Phone Jack, Modular (Bosch D128)	106.33	14.41
28 31 11 13-0021	EA	Battery Charging Module (Bosch D8132)	242.66	23.05
28 31 11 13-0022	EA	OctoPopit (Bosch D8128D)	231.37	23.05
28 31 11 13-0023	EA	OctoRelay (Bosch D8129)	250.53	23.05
28 31 11 13-0024	EA	Transformer Kit (Bosch D8004)	112.49	11.53
28 31 11 13-0025	EA	Phone Jack, Modular (Bosch D166/RJ31X)	24.31	5.76

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 41 Radiation Detection and Alarm *(28 40)*

28 41 15 Radiation Detection Sensors *(28 41)*

28 41 15 00-0001 Wall Mount, Battery Operated, Home Radon Detector *(28 41 15)*

Note: Long term and 7 day average display.

28 41 15 00-0002	EA	Wall Mount, Battery Operated, Home Radon Detector	216.86	

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	9,017.21	471.31
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	12,168.24	628.80
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	17,271.29	673.64
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	18,470.26	942.63
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	13,125.51	80.47
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	11,836.72	71.85
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	15,568.46	80.47
28 42 11 00-0010	EA	Tank Leak Detection Probe	4,821.10	17.24
28 42 11 00-0011	EA	Secondary Containment Collar Probe	587.32	6.89
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	1,076.06	14.37
28 42 11 00-0013	EA	Liquid Phase Detection	3,552.27	43.11
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	3,278.07	43.11
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	3,831.91	48.85
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	4,380.33	48.85

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	2,067.07	43.22
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	106.27	43.22
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	517.97	43.22

28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0002		EST3 Life Safety And Security Control *(28 46 13 31-0001)*		
28 46 13 31-0003		EST3 Network *(28 46 13 31-0002)*		
28 46 13 31-0004		Remote Annunciators *(28 46 13 31-0003)*		
28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,657.89	86.43
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,347.23	86.43
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,709.47	86.43
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	1,082.06	86.43
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	195.98	28.81
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	688.24	86.43
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	619.75	86.43
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	779.05	86.43
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	918.39	57.63
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	134.31	28.81
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,967.21	86.43
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,747.51	28.81
28 46 13 31-0017		Remote Annunciators Cabinets *(28 46 13 31-0003)*		
28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	145.34	28.81
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	133.81	23.05
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	164.81	28.81
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	153.28	23.05
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	183.07	28.81
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	171.54	23.05
28 46 13 31-0024		Audio And Telephone Masters *(28 46 13 31-0003)*		
28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,443.10	115.25
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	3,018.70	115.25
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,696.76	115.25
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,852.01	115.25
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,261.07	115.25
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,657.93	57.63
28 46 13 31-0031		Battery Distribution Unit *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	576.00	460.75
28 46 13 31-0033		Remote Booster Power Supply *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	930.61	86.43
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	1,065.43	86.43
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,164.77	86.43
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	148.61	28.81
28 46 13 31-0038		Batteries And Battery Cabinets *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 1.2 Ampere Hours)	111.58	28.81
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A 4.5 Ampere Hours)	140.87	28.81
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A 26 Ampere Hours)	342.94	28.81
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 7.2 Ampere Hours)	152.60	28.81
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A 40 Ampere Hours)	436.75	28.81
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A 11 Ampere Hours)	242.56	28.81
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A 50 Ampere Hours)	893.78	28.81
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A 18 Ampere Hours)	248.60	28.81
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A 65 Amp Hours)	1,077.55	28.81
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A 8 Amp Hours)	135.16	28.81
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A 12 Amp Hours)	120.53	28.81
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	442.01	57.63
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	363.13	57.63
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,261.01	115.25
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,571.57	115.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,215.56	115.25
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	866.25	28.81
28 46 13 31-0057		**EST3 Fire Alarm Panel Deprogramming** *(28 46 13 31-0003)*		
28 46 13 31-0058	EA	Fire Alarm Deprogramming EST3 Fire Alarm Panel And Firworks Graphical Terminal Note: Deprogram from fire alarm systems and Fireworks site networks of the EST3 fire alarm panels in Building 601/602. Deprogram the fire alarm system from the Fireworks site network. Fiber optic cabling is understood to remain in place. Provide splice patch cables to continue fiber circuit back to site fiber optic system.	8,808.00	
28 46 13 31-0059		**Intelligent Analog Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0060		**Detectors, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0061	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	263.09	43.22
28 46 13 31-0062	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	297.18	43.22
28 46 13 31-0063	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS)	252.93	43.22
28 46 13 31-0064	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	222.46	43.22
28 46 13 31-0065	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	232.62	43.22
28 46 13 31-0066	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	188.48	43.22
28 46 13 31-0067	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	188.48	43.22
28 46 13 31-0068	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	306.25	43.22
28 46 13 31-0069	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	339.53	43.22
28 46 13 31-0070	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	284.46	43.22
28 46 13 31-0071	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	416.54	43.22
28 46 13 31-0072	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	235.16	43.22
28 46 13 31-0073	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	235.16	43.22
28 46 13 31-0074	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	328.84	43.22
28 46 13 31-0075		**Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0076	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	536.55	72.04
28 46 13 31-0077	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	21.71	
28 46 13 31-0078	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	68.39	17.28
28 46 13 31-0079	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	138.96	23.05
28 46 13 31-0080	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	190.52	23.05
28 46 13 31-0081	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	80.14	23.05
28 46 13 31-0082		**Modules, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0083	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	251.24	28.81
28 46 13 31-0084	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	106.85	28.81
28 46 13 31-0085	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	141.18	28.81
28 46 13 31-0086	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	224.06	28.81
28 46 13 31-0087	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	154.13	28.81
28 46 13 31-0088	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	161.25	28.81
28 46 13 31-0089	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	124.98	28.81
28 46 13 31-0090	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	193.66	28.81
28 46 13 31-0091	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	261.57	28.81
28 46 13 31-0092	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	254.75	28.81
28 46 13 31-0093	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	244.59	28.81
28 46 13 31-0094	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	223.53	194.71
28 46 13 31-0095	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	161.28	28.81
28 46 13 31-0096	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	262.68	28.81
28 46 13 31-0097		**Module Accessories, Signature** *(28 46 13 31-0059)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0098	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	62.93	14.41
28 46 13 31-0099	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	220.77	28.81
28 46 13 31-0100	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	22.36	8.64
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	74.69	14.41
28 46 13 31-0102	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	66.25	14.41
28 46 13 31-0103	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	69.58	14.41
28 46 13 31-0104		**Single Action Pull Stations, Signature** *(28 46 13 31-0059)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0105	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	268.23	59.93
28 46 13 31-0106	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	319.19	59.93
28 46 13 31-0107	EA	GA Key - For Pre Signal Station (EST3 276-K2)	37.41	31.64
28 46 13 31-0108	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	47.22	41.45
28 46 13 31-0109	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	68.11	45.06
28 46 13 31-0110		**Double Action Pull Stations, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0111	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	192.32	59.93
28 46 13 31-0112	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	47.95	5.76
28 46 13 31-0113		**Detector Bases and Accessories, Signature** *(28 46 13 31-0059)*		
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0114	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	138.31	14.41
28 46 13 31-0115	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	49.29	14.41
28 46 13 31-0116	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	173.67	14.41
28 46 13 31-0117	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	96.89	14.41
28 46 13 31-0118	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	113.86	14.41
28 46 13 31-0119	EA	Detector Mounting Plate (EST3 SIGA-DMP)	181.79	14.41
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0120	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	62.93	14.41
28 46 13 31-0121	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	22.50	8.64
28 46 13 31-0122	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	22.50	8.64
28 46 13 31-0123	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	68.38	8.64
28 46 13 31-0124	EA	Detector Base With Isolator (EST3 SIGA-IB)	112.14	14.41
28 46 13 31-0125	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	119.42	14.41
28 46 13 31-0126	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	62.49	14.41
28 46 13 31-0127	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	99.45	14.41
28 46 13 31-0128	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	39.82	14.41
28 46 13 31-0129		**Controllers, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0130	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	3,902.55	86.43
28 46 13 31-0131	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,228.21	86.43
28 46 13 31-0132	EA	Signature Loop Controller (EST3 3-SDC1)	1,999.67	86.43
28 46 13 31-0133	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	3,217.53	86.43
28 46 13 31-0134		**Relays And Accessories** *(28 46 13 31-0059)*		
28 46 13 31-0135	EA	Multi Voltage Relay (EST3 MR101)	201.39	28.81
28 46 13 31-0136	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	58.60	14.41
28 46 13 31-0137		**Notification Appliances** *(28 46 13 31-0002)*		
28 46 13 31-0138		**Wall Strobes, Horns And Chimes** *(28 46 13 31-0137)*		
28 46 13 31-0139	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	159.05	43.22
28 46 13 31-0140	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	159.05	43.22
28 46 13 31-0141	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	182.70	43.22
28 46 13 31-0142	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	132.40	43.22
28 46 13 31-0143	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	132.40	43.22
28 46 13 31-0144	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	132.40	43.22
28 46 13 31-0145	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	132.40	43.22
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	110.01	43.22
28 46 13 31-0147	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	110.01	43.22
28 46 13 31-0148	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	110.01	43.22
28 46 13 31-0149	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	279.24	43.22
28 46 13 31-0150	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	279.24	43.22
28 46 13 31-0151	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	179.82	43.22
28 46 13 31-0152	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	179.82	43.22
28 46 13 31-0153	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	159.05	43.22
28 46 13 31-0154	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	159.05	43.22
28 46 13 31-0155	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	159.05	43.22
28 46 13 31-0156	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	159.05	43.22
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	165.70	43.22
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	165.70	43.22
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	181.25	43.22
28 46 13 31-0160	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	165.70	43.22
28 46 13 31-0161	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	165.70	43.22
28 46 13 31-0162	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	95.45	43.22
28 46 13 31-0163	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	95.45	43.22
28 46 13 31-0164		**Wall Speakers And Speaker Strobes** *(28 46 13 31-0137)*		
28 46 13 31-0165	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	130.39	43.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0166	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	205.41	43.22
28 46 13 31-0167	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	130.39	43.22
28 46 13 31-0168	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	205.41	43.22
28 46 13 31-0169	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	64.38	23.05
28 46 13 31-0170	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	64.38	23.05
28 46 13 31-0171		**Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0137)*		
28 46 13 31-0172	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	157.60	43.22
28 46 13 31-0173	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	205.41	43.22
28 46 13 31-0174	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	220.55	43.22
28 46 13 31-0175		**Harsh Environment Signals** *(28 46 13 31-0137)*		
28 46 13 31-0176	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	138.98	43.22
28 46 13 31-0177	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	198.69	43.22
28 46 13 31-0178	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)	198.69	43.22
28 46 13 31-0179	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)	180.94	43.22
28 46 13 31-0180	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)	169.14	43.22
28 46 13 31-0181	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)	180.94	43.22
28 46 13 31-0182	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)	180.94	43.22
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)	180.94	43.22
28 46 13 31-0184	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	199.79	48.98
28 46 13 31-0185	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	199.79	48.98
28 46 13 31-0186	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)	146.18	43.22
28 46 13 31-0187	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)	193.02	43.22
28 46 13 31-0188		**Fire Alarm Bells** *(28 46 13 31-0137)*		
28 46 13 31-0189	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)	215.25	43.22
28 46 13 31-0190	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	170.66	43.22
28 46 13 31-0191	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	189.69	43.22
28 46 13 31-0192		**Multiple Tone Signal** *(28 46 13 31-0137)*		
28 46 13 31-0193	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)	1,424.48	1,381.27
28 46 13 31-0194		**Multi-Purpose Loudspeaker** *(28 46 13 31-0137)*		
28 46 13 31-0195	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	286.37	43.22
28 46 13 31-0196	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	286.37	43.22
28 46 13 31-0197		**Bell/Strobe Plate** *(28 46 13 31-0137)*		
28 46 13 31-0198	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	144.65	23.05
28 46 13 31-0199		**Mounting Accessories** *(28 46 13 31-0137)*		
28 46 13 31-0200	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	65.76	23.05
28 46 13 31-0201	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	65.76	23.05
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	65.76	23.05
28 46 13 31-0203	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	65.76	23.05
28 46 13 31-0204	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	65.76	23.05
28 46 13 31-0205		**Firefighters' Telephones** *(28 46 13 31-0137)*		
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,269.56	72.04
28 46 13 31-0207	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	706.82	72.04
28 46 13 31-0208	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	504.17	72.04
28 46 13 31-0209	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	362.89	72.04
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	681.60	72.04
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	413.31	72.04
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	770.91	72.04
28 46 13 31-0213	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	430.12	72.04
28 46 13 31-0214	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	885.27	72.04
28 46 13 31-0215	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	93.26	23.05
28 46 13 31-0216	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	107.89	23.05
28 46 13 31-0217	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	157.06	
28 46 13 31-0218	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	157.06	
28 46 13 31-0219	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	233.20	28.81
28 46 13 31-0220	EA	Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2)	291.43	28.81
28 46 13 31-0221	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	204.08	28.81
28 46 13 31-0222	EA	Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4)	195.52	28.81
28 46 13 31-0223	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	139.63	43.22
28 46 13 31-0224	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,314.27	57.63
28 46 13 31-0225		**Mass Notification EC Appliances** *(28 46 13 31-0137)*		
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	165.75	43.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	159.70	43.22
28 46 13 31-0228	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	165.75	43.22
28 46 13 31-0229	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	159.70	43.22
28 46 13 31-0230	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	24.51	8.64
28 46 13 31-0231		**Hazardous Location Devices** *(28 46 13 31-0002)*		
28 46 13 31-0232		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 13 31-0231)*		
28 46 13 31-0233	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	142.72	43.22
28 46 13 31-0234	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	142.72	43.22
28 46 13 31-0235	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	148.79	43.22
28 46 13 31-0236	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	148.79	43.22
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	204.85	43.22
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	204.85	43.22
28 46 13 31-0239	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	148.79	43.22
28 46 13 31-0240	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	148.79	43.22
28 46 13 31-0241		**Hazardous Locations Fire Alarm Station** *(28 46 13 31-0231)*		
28 46 13 31-0242	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	1,345.86	72.04
28 46 13 31-0243	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	1,280.56	72.04
28 46 13 31-0244		**Hazardous Location Strobes** *(28 46 13 31-0231)*		
28 46 13 31-0245	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	2,013.21	43.22
28 46 13 31-0246	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	374.46	14.41
28 46 13 31-0247	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	490.21	17.28
28 46 13 31-0248	EA	Pendant Mounting Module (EST3 116EX-P)	358.80	17.28
28 46 13 31-0249		**Hazardous Location Bells** *(28 46 13 31-0231)*		
28 46 13 31-0250	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	1,450.35	43.22
28 46 13 31-0251	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	1,488.15	43.22
28 46 13 31-0252	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	1,501.76	43.22
28 46 13 31-0253		**Hazardous Location Horns** *(28 46 13 31-0231)*		
28 46 13 31-0254	EA	Hazardous Location Horns (EST3 888D-N5)	1,417.78	43.22
28 46 13 31-0255	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	1,156.21	43.22
28 46 13 31-0256		**Door Holders And Relays** *(28 46 13 31-0002)*		
28 46 13 31-0257		**Electromagnetic Door Holders** *(28 46 13 31-0256)*		
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	246.40	43.22
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	322.26	43.22
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	207.66	43.22
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	207.66	43.22
28 46 13 31-0262	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	211.17	43.22
28 46 13 31-0263	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	214.50	43.22
28 46 13 31-0264		**Control Relays, Multi-Voltage** *(28 46 13 31-0256)*		
28 46 13 31-0265	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	49.83	8.64
28 46 13 31-0266		**FireShield Plus** *(28 46 13 31-0002)*		
28 46 13 31-0267		**3 Zone System** *(28 46 13 31-0266)*		
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,311.19	345.76
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,919.56	461.01
28 46 13 31-0270	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,311.19	345.76
28 46 13 31-0271	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,919.56	461.01
28 46 13 31-0272	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	94.18	14.41
28 46 13 31-0273	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	94.18	14.41
28 46 13 31-0274		**5 Zone System** *(28 46 13 31-0266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,416.99	345.76
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	2,019.31	461.01
28 46 13 31-0277	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,416.99	345.76
28 46 13 31-0278	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	2,019.31	461.01
28 46 13 31-0279	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	94.18	14.41
28 46 13 31-0280	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	94.18	14.41
28 46 13 31-0281		**10 Zone System** *(28 46 13 31-0266)*		
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	2,055.59	461.01
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,663.95	576.25
28 46 13 31-0284	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	2,010.25	461.01
28 46 13 31-0285	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,663.95	576.25
28 46 13 31-0286	EA	Semi-Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	110.55	14.41
28 46 13 31-0287	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	201.57	28.81
28 46 13 31-0288		**FireShield Plus Off Premise Communication Options** *(28 46 13 31-0266)*		
28 46 13 31-0289	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	450.60	28.81
28 46 13 31-0290		**FireShield Plus Remote LED Annunciators** *(28 46 13 31-0266)*		
28 46 13 31-0291	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	184.52	43.22
28 46 13 31-0292	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	184.52	43.22
28 46 13 31-0293	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	192.23	43.22
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	36.94	8.64
28 46 13 31-0295	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	46.81	8.64
28 46 13 31-0296	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	70.51	8.64
28 46 13 31-0297		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 13 31-0266)*		
28 46 13 31-0298	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	600.32	43.22
28 46 13 31-0299	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	660.78	43.22
28 46 13 31-0300	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	208.77	28.81
28 46 13 31-0301		**FireShield Plus Remote Relays And Interfaces** *(28 46 13 31-0266)*		
28 46 13 31-0302	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	221.11	28.81
28 46 13 31-0303	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	90.27	17.28
28 46 13 31-0304	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	356.89	28.81
28 46 13 31-0305		**FireShield Plus Accessories** *(28 46 13 31-0266)*		
28 46 13 31-0306	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	20.20	
28 46 13 31-0307	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	11.93	
28 46 13 31-0308		**iO Series Fire Control Panels** *(28 46 13 31-0002)*		
28 46 13 31-0309		**Intelligent Analog Control Panels** *(28 46 13 31-0308)*		
28 46 13 31-0310	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	3,901.11	576.25
28 46 13 31-0311	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,194.33	576.25
28 46 13 31-0312	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	3,113.63	461.01
28 46 13 31-0313	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,249.66	461.01
28 46 13 31-0314		**Option Modules And Accessories For iO Series** *(28 46 13 31-0308)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0315	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	388.72	43.22
28 46 13 31-0316	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	237.57	43.22
28 46 13 31-0317	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	237.57	43.22
28 46 13 31-0318	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	208.77	28.81
28 46 13 31-0319	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	439.07	23.05
28 46 13 31-0320	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	801.82	23.05
28 46 13 31-0321	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	92.29	14.41
28 46 13 31-0322	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	107.40	14.41
28 46 13 31-0323	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,475.54	57.63
28 46 13 31-0324		**Remote Annunciators For iO Series** *(28 46 13 31-0308)*		
28 46 13 31-0325	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	804.35	43.22
28 46 13 31-0326	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	842.15	43.22
28 46 13 31-0327		**Remote Annunciator Accessories** *(28 46 13 31-0308)*		
28 46 13 31-0328	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	89.27	14.41
28 46 13 31-0329	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	59.04	14.41
28 46 13 31-0330	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	81.70	14.41
28 46 13 31-0331	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	237.57	43.22
28 46 13 31-0332	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	275.35	43.22
28 46 13 31-0333	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	313.15	43.22
28 46 13 31-0334	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	59.04	14.41
28 46 13 31-0335	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	59.04	14.41
28 46 13 31-0336	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	125.08	14.41
28 46 13 31-0337		**System Accessories** *(28 46 13 31-0308)*		
28 46 13 31-0338	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	442.01	57.63
28 46 13 31-0339	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,953.41	461.01
28 46 13 31-0340		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0341		**Detectors, Heat, Double Pole** *(28 46 13 31-0340)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0342	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	167.88	43.22
28 46 13 31-0343	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	167.88	43.22
28 46 13 31-0344	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	167.88	43.22
28 46 13 31-0345	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	167.88	43.22
28 46 13 31-0346		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0340)*		
28 46 13 31-0347	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	98.96	43.22
28 46 13 31-0348	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	293.18	23.05
28 46 13 31-0349	EA	4" Weatherproof, Octagon Back Box And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	87.08	28.81
28 46 13 31-0350		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0340)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0351	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	156.25	43.22
28 46 13 31-0352	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	156.25	43.22
28 46 13 31-0353		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0354		**Audio Notification Panels** *(28 46 13 31-0353)*		
28 46 13 31-0355	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,641.48	576.25
28 46 13 31-0356	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,641.48	576.25
28 46 13 31-0357	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	4,175.39	576.25
28 46 13 31-0358	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	4,175.39	576.25
28 46 13 31-0359	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	4,900.87	576.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0360	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,900.87	576.25
28 46 13 31-0361		**Audio Notification Expander Panels** *(28 46 13 31-0353)*		
28 46 13 31-0362	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,296.30	576.25
28 46 13 31-0363	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,296.30	576.25
28 46 13 31-0364	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,875.55	576.25
28 46 13 31-0365	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,875.55	576.25
28 46 13 31-0366	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,706.84	576.25
28 46 13 31-0367	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,706.84	576.25
28 46 13 31-0368		**Audio Notification Output Accessories** *(28 46 13 31-0353)*		
28 46 13 31-0369	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	164.84	14.41
28 46 13 31-0370	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	737.78	28.81
28 46 13 31-0371	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	737.78	28.81
28 46 13 31-0372	EA	Class A Converter (GE ANSZSC4A)	526.18	28.81
28 46 13 31-0373		**Audio Notification Remote Microphone** *(28 46 13 31-0353)*		
28 46 13 31-0374	EA	Microphone (GE ANSMIKE)	193.66	28.81
28 46 13 31-0375	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	813.35	28.81
28 46 13 31-0376	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	813.35	28.81
28 46 13 31-0377	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	179.95	14.41
28 46 13 31-0378	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	96.81	14.41
28 46 13 31-0379		**Audio Notification Accessories** *(28 46 13 31-0353)*		
28 46 13 31-0380	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	329.69	28.81
28 46 13 31-0381	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	329.69	28.81
28 46 13 31-0382	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	329.69	28.81
28 46 13 31-0383	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	737.78	28.81
28 46 13 31-0384		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 13 31-0353)*		
28 46 13 31-0385	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,699.81	57.63
28 46 13 31-0386	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,835.84	57.63
28 46 13 31-0387	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	3,924.07	57.63
28 46 13 31-0388	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,475.54	57.63
28 46 13 31-0389	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,475.54	57.63
28 46 13 31-0390	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,699.81	57.63
28 46 13 31-0391	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,155.69	57.63
28 46 13 31-0392	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,291.72	57.63
28 46 13 31-0393	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,379.95	57.63
28 46 13 31-0394	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	164.84	14.41
28 46 13 31-0395	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	121.07	14.41
28 46 13 31-0396		**EST4 Life Safety And Security Control** *(28 46 13 31-0001)*		
28 46 13 31-0397		**Audio Units And Interfaces** *(28 46 13 31-0396)*		
28 46 13 31-0398	EA	Annunciator, Audio And Telephone Interface Module (EST4 4-ANNAUDTEL)	322.41	86.43
28 46 13 31-0399	EA	Audio And Telephone Interface/Riser Module (EST4 4-AUDTELS)	655.74	28.81
28 46 13 31-0400	EA	Firefighter Master Handset (EST4 4-FT)	637.50	72.04
28 46 13 31-0401	EA	Display, LCD Module For Audio/Telephone Control (EST4 4-LCDAUDTEL)	584.11	86.43
28 46 13 31-0402	EA	Display, LCD Module With Cable For Audio/Telephone Control For Annunciators (EST4 4-LCDAUDTELANN)	653.73	86.43
28 46 13 31-0403	EA	Display, LCD Module With Cable For Audio/Telephone Control With Bracket For CAB 14 And CAB 21 (EST4 4-LCDAUDTELCAB-CB)	707.60	86.43
28 46 13 31-0404	EA	Display, LCD Module With Cable For Audio/ Telephone Control With Mounting Plate (EST4 4-LCDAUDTELCAB-MPLT) Note: For CAB7, CAB14, CAB21, 4-16ANNMT and 4-24ANNMT applications	832.89	86.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0405	EA	Paging Microphone (EST4 4-MIC)	682.21	28.81
28 46 13 31-0406		**Cabinets And Chassis** *(28 46 13 31-0396)*		
28 46 13 31-0407	EA	Battery Shelf For RCCxx Series Cabinets (EST4 3-BATS) Note: Takes one chassis space in a RCC cabinet. Provides space for up to one 65AH battery.	56.76	8.65
28 46 13 31-0408	EA	Battery Distribution Module (EST4 3-BTSEN)	455.53	115.25
28 46 13 31-0409	EA	Wallbox With 2 Chassis Spaces (EST4 3-CAB14B)	609.52	43.22
28 46 13 31-0410	EA	Wallbox With 3 Chassis Spaces (EST4 3-CAB21B)	747.68	43.22
28 46 13 31-0411	EA	Backbox, Black (EST4 3-CAB5B) Note: Supports five Local Rail Modules.	288.29	43.22
28 46 13 31-0412	EA	Wallbox With 1 Chassis Space (EST4 3-CAB7B)	412.16	43.22
28 46 13 31-0413	EA	3-CAB - Seismic Battery Hold Down For 3-CAB 7, 14 Or 21 (EST4 3-CABEQ) Note: Supports two 12V batteries from 10 Amp hrs up to 18 Ahrs. Comes with EST3 Chassis hardening hardware and instructions	315.44	11.53
28 46 13 31-0414	EA	Chassis Assembly (EST4 3-CHAS7) Note: Fits in any Lobby or Remote Closet Cabinet except CAB5 Series. Provides space for up to seven LRMs. Rear space for up to two power supplies.	461.47	43.22
28 46 13 31-0415	EA	Remote Closet Enclosure, Red (EST4 3-RCC14R)	1,103.89	115.25
28 46 13 31-0416	EA	Remote Closet Enclosure, Red (EST4 3-RCC21R)	1,523.28	115.25
28 46 13 31-0417	EA	Remote Closet Enclosure, Red (EST4 3-RCC7R)	901.63	115.25
28 46 13 31-0418	EA	3-RCC Series Cabinet, Seismic Battery Hold Down For 3-RCC1XXR Series (EST4 3-RCCEQ50) Note: Supports one set of 50 Amp hr (two batteries). Order 3-RCC14R or 3-RCC21R separately.	429.91	144.06
28 46 13 31-0419	EA	3-RCC Series Cabinet, Seismic Battery Hold Down (EST4 3-RCCEQ65) Note: Supports one set of 65 Ahr (two batteries) batteries (one battery in bottom of cabinet, one battery mounted on 3-BATS. Order 3-RCCxxR cabinet and 3-BATS separately.	872.84	144.06
28 46 13 31-0420	EA	Tamper Switch For CAB5 Series Cabinets (EST4 3-TAMP5)	116.91	28.81
28 46 13 31-0421	EA	Tamper Switch For 3-RCC Cabinets (EST4 3-TAMPRCC)	116.91	28.81
28 46 13 31-0422	EA	Mounting Bracket (EST4 4-BRKT-CB) Note: Provides space for mounting any one of 4-ANNCPU, 4-FWAL-1, 4-FWAL-2, 4-FWAL-3, 4-FWAL-4, or a 4-NET-AD module. Mounts on the back plane of a 3-CHAS7 or on the back plane of a 3-ASU chassis in retrofit applications.	84.36	14.41
28 46 13 31-0423	EA	Mounting Bracket (EST4 4-BRKT-CS) Note: Provides space for mounting any one of 4-FWAL-1, 4-FWAL-2, 4-FWAL-3, 4-FWAL-4, or a 4-NET-AD module. The bracket mounts to the side of a 3-CHAS7.	84.36	14.41
28 46 13 31-0424	EA	Door Assembly, Bronze (EST4 4-CAB16D) Note: Includes 16 User Interface spaces, mounts to 3-CAB7B wallbox.	580.43	8.64
28 46 13 31-0425	EA	Door Assembly, Red (EST4 4-CAB16DR) Note: Includes 16 User Interface spaces, mounts to 3-CAB7B wallbox.	580.43	8.64
28 46 13 31-0426	EA	Door Assembly, Bronze (EST4 4-CAB24D) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB14B wallbox.	717.54	8.64
28 46 13 31-0427	EA	Door Assembly, Bronze (EST4 4-CAB24DL) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB21B wallbox.	820.40	8.64
28 46 13 31-0428	EA	Door Assembly, Red (EST4 4-CAB24DR) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB14B wallbox.	718.41	8.64
28 46 13 31-0429	EA	Door Assembly, Red (EST4 4-CAB24DRL) Note: Outer door and black inner door with 24 user interface spaces, mounts to 3-CAB21B wallbox.	820.40	8.64
28 46 13 31-0430	EA	Door Assembly, Bronze (EST4 4-CAB8D) Note: Outer door and black inner door with 8 user interface spaces, mounts to 3-CAB5B wallbox.	407.69	8.64
28 46 13 31-0431	EA	Door Assembly, Red (EST4 4-CAB8DR) Note: Outer door and black inner door with 8 user interface spaces, mounts to 3-CAB5B wallbox.	407.69	8.64
28 46 13 31-0432	EA	Replacement Hinge Assembly For CAB21 (EST4 4-HNG21)	75.43	
28 46 13 31-0433	EA	Replacement Hinge Assembly For CAB7 Or 14 (EST4 4-HNG714)	75.43	
28 46 13 31-0434	EA	Replacement Door Lock And Two Keys (EST4 4-LOCK2KEY)	146.70	
28 46 13 31-0435	EA	Mounting Plate (EST4 4-MPLT) Note: Mounts in chassis or battery space	215.54	14.41
28 46 13 31-0436	EA	Tamper Switch For 3-CAB7B, 3-CAB14B And 3-CAB21B Cabinets With 4-CABXXD Series Doors (EST4 4-TAMP) Note: Mounts to side of cabinet.	108.82	28.81
28 46 13 31-0437	EA	Battery Cabinet, Black Backbox, Bronze Door (EST4 BC-1) Note: Supports up to 40AH batteries	305.57	57.63
28 46 13 31-0438	EA	Seismic Battery Hold Down For BC-1 (EST4 BC-1EQ) Note: Supports up to two 40 Ahr batteries. Order BC-1 or BC-1R Separately.	158.41	11.53
28 46 13 31-0439	EA	Battery Cabinet, Black Backbox, Red Door (EST4 BC-1R) Note: Supports up to 40AH batteries.	305.57	57.63
28 46 13 31-0440	EA	8" x 14 x 3-1/2" Multi-Function Enclosure, Red (EST4 MFC-A)	204.35	57.63
28 46 13 31-0441		**Central Processing Unit** *(28 46 13 31-0396)*		
28 46 13 31-0442	EA	Annunciator Central Processor Unit (CPU) (EST4 4-ANNCPU) Note: Provides mounting for up to two network controllers, one USB device port, one USB host port and one 4-ANNAUDTEL module.	684.05	86.43
28 46 13 31-0443	EA	Cable (EST4 4-CABL0542) Note: Interconnects the 4-CPU to the inner door rail when no 4-LCD display is installed in the cabinet.	127.82	14.41
28 46 13 31-0444	EA	Cable, USB 3.0 A-B, Male, Long (EST4 4-CABLUSBLG)	77.18	14.41
28 46 13 31-0445	EA	Common Relay Module (EST4 4-COMREL)	80.32	14.41
28 46 13 31-0446	EA	Central Processor Module (EST4 4-CPU)	1,294.34	86.43
28 46 13 31-0447	EA	EST4 Software License, 1 Seat (EST4 4-CUSWL)	640.98	
28 46 13 31-0448		**Control Display Modules** *(28 46 13 31-0396)*		
28 46 13 31-0449	EA	Control Display Module With 24 Indicators (EST4 4-24L)	445.55	86.43
28 46 13 31-0450	EA	Control Display Module With 24 Indicators And 12 Switches (EST4 4-24L12S)	547.79	86.43
28 46 13 31-0451	EA	Control Display Module With 24 Indicators And 18 Switches (EST4 4-24L18S)	547.79	86.43
28 46 13 31-0452	EA	Control Display Module With 24 Indicators And 24 Switches (EST4 4-24L24S)	562.31	86.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0453	EA	Blank Filler Plate (EST4 4-FIL)	31.67	14.41
28 46 13 31-0454		**Liquid Crystal Display (LCD) Modules** *(28 46 13 31-0396)*		
28 46 13 31-0455	EA	LCD Display For EST3 Panels (EST4 4-3LCD) Note: Allows reuse of EST3 UI layer in retrofit applications. The 4-3LCD can be mounted in remote closet cabinets where an LCD display is needed. The display mounts on the 4-CPU module.	845.76	86.43
28 46 13 31-0456	EA	LCD With Cable For Annunciator Enclosure 4-4ANN, 4-6ANN Mounting (EST4 4-LCDANN)	838.09	86.43
28 46 13 31-0457	EA	Display, LCD Module For Audio/Telephone Control (EST4 4-LCDAUDTEL)	584.11	86.43
28 46 13 31-0458	EA	Display, LCD Module With Cable For Audio/Telephone Control For Annunciators (EST4 4-LCDAUDTELANN)	653.73	86.43
28 46 13 31-0459	EA	Display, LCD Module With Cable For Audio/Telephone Control With Bracket For CAB 14 And CAB 21 (EST4 4-LCDAUDTELCAB-CB)	707.60	86.43
28 46 13 31-0460	EA	Display, LCD Module With Cable For Audio/ Telephone Control With Mounting Plate For CAB7, CAB14, CAB21, 4-16ANNMT And 4-24ANNMT Applications (EST4 4-LCDAUDTELCAB-MPLT)	832.89	86.43
28 46 13 31-0461	EA	LCD With Cable For 3-CAB5B, 7B, 14B, 21B, 4-8ANN, 16ANN And 24ANN Mounting (EST4 4-LCDLE)	836.13	86.43
28 46 13 31-0462		**Network Accessories** *(28 46 13 31-0396)*		
28 46 13 31-0463	EA	Firewall (EST4 4-FWAL1) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	448.69	
28 46 13 31-0464	EA	Firewall W/DACT (EST4 4-FWAL2) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	530.83	
28 46 13 31-0465	EA	Firewall W/EMAIL (EST4 4-FWAL3) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	508.39	
28 46 13 31-0466	EA	Firewall W/DACT/ EMAIL/DIAG (EST4 4-FWAL4) Note: Provides secure connection to external systems. Support us to 8 concurrent IP connections supports connection to 4-USBHUB with printer and/or CDR3, SFP connection to FireWorks and other supported external connections	1,472.85	
28 46 13 31-0467	EA	SFP Network Firewall Adapter, CAT5 UTP Copper, 100Base-TX, 100 Mbps (EST4 4-FWAL-CAT)	310.23	28.81
28 46 13 31-0468	EA	SFP Network Firewall Adapter, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-FWAL-MM)	407.36	28.81
28 46 13 31-0469	EA	SFP Network Firewall Adapter, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-FWAL-SM)	1,008.09	28.81
28 46 13 31-0470	EA	SFP Network Firewall Adapter, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-FWAL-SMD) Note: Works with 4-FWAL-SMU	1,220.59	28.81
28 46 13 31-0471	EA	SFP Network Firewall Adapter, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-FWAL-SMH)	1,317.10	28.81
28 46 13 31-0472	EA	SFP Network Firewall Adapter, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx (EST4 4-FWAL-SMU) Note: Works with 4-FWAL-SMD	1,220.59	28.81
28 46 13 31-0473	EA	Network Adder Module (EST4 4-NET-AD)	609.28	28.81
28 46 13 31-0474	EA	SFP Network Controller, CAT5 UTP Copper, 100Base-TX, 100Mbps (EST4 4-NET-CAT)	461.41	86.43
28 46 13 31-0475	EA	SFP Network Controller, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-NET-MM)	584.33	86.43
28 46 13 31-0476	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-NET-SM)	1,291.08	86.43
28 46 13 31-0477	EA	SFP Network Controller, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-NET-SMD) Note: Works with 4-NET-SMU	1,541.06	86.43
28 46 13 31-0478	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-NET-SMH)	1,654.61	86.43
28 46 13 31-0479	EA	SFP Network Controller, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx Note: Works with 4-NET-SMD	1,541.06	86.43
28 46 13 31-0480	EA	SFP Network Controller, 2Mbps Shared TX/RX, Twisted Pair (EST4 4-NET-TP)	461.41	86.43
28 46 13 31-0481	EA	SFP Network Controller, 0.3Mbps Shared TX/RX, High Capacitance Twisted Pair (EST4 4-NET-TP-HC)	667.28	86.43
28 46 13 31-0482	EA	Network Extender Module (EST4 4-NET-XT) Note: Mounts to DIN rail on 4-MPLT ordered separately	2,151.01	28.81
28 46 13 31-0483	EA	4-USBHUB Multi-port USB Hub Module (EST4 4-USBHUB) Note: Mounts in a ½ footprint module space and provides isolated RS-232 USB and terminal block connections for RS-232 to CDR connections.	506.21	28.81
28 46 13 31-0484	EA	Coder, PSNI (EST4 CDR-3) Note: Positive, non-interfering, successive and march time codes PSNI code out (relay & tone outputs). March time out (relay & tone outputs). Connects to RS-232 serial port. Requires 1/2 size cabinet footprint and 24 VDC power.	588.70	28.81
28 46 13 31-0485	EA	Field Server Bridge Bracket For FSB-PC2 Or FSB-PCLW (EST4 FSB-BRKT2)	81.88	14.41
28 46 13 31-0486	EA	ECPxml To BMS/Elevator Bridge (EST4 FSB-PC4) Note: Mounts on FSB-BRKT2, ordered separately.	2,235.22	28.81
28 46 13 31-0487	EA	ECPxml To BMS/Elevator Bridge (EST4 FSB-PC4LW) Note: Mounts on FSB-BRKT2, ordered separately.	2,235.22	28.81
28 46 13 31-0488	EA	Ground Fault Detection Module (EST4 GFD) Note: One required for every two 3-NSHM1/2s.	324.90	14.41
28 46 13 31-0489	EA	Isolator Module, RS232 (EST4 IOP3A) Note: For use with short haul modems, VDU-3, CCA Series, CGP Series and FCOM-232, requires 1/2 size cabinet footprint.	1,541.66	461.01
28 46 13 31-0490	EA	MN-FVPN, MN-ABPM, MN-PASM2, MN-COM1S, MN-NETRLY4 And/Or MN-FNS(4)(8) Series Switch Mounting Bracket For EST3 Enclosures (EST4 MN-BRKT1F)	252.63	14.41
28 46 13 31-0491	EA	24 VDC, 4 Fast Ethernet (RJ45), 2 GB SFP, Layer 3 Lite (EST4 MN-FNS4C2F3)	2,855.17	115.25
28 46 13 31-0492	EA	MN-FNS4 Series Switch Holder Bracket (EST4 MN-FNS4HDK1) Note: Used with MN-BRKT Series. One required per switch.	124.92	14.41
28 46 13 31-0493	EA	Desk Top Style, System Printer (EST4 PT-1S)	1,067.22	28.81
28 46 13 31-0494		**Power Supplies** *(28 46 13 31-0396)*		
28 46 13 31-0495	EA	Primary Power Supply With Local Rail Module 120-240V 50/60 Hz (EST4 4-PPS/M)	1,051.93	14.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0496		**Remote Annunciators** *(28 46 13 31-0396)*		
28 46 13 31-0497	EA	LED/SWITCH Driver Module Assembly (EST4 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	695.97	86.43
28 46 13 31-0498	EA	Plastic Mounting Extrusion (EST4 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	119.89	28.81
28 46 13 31-0499	EA	Power Supply Assembly (EST4 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	584.13	86.43
28 46 13 31-0500	EA	16 Slots (2 rows of 8), Bronze Annunciator (EST4 4-16ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall Mounting assembly 4-16ANNMT (Surface mount) or 3-CAB7B (semi-flush mount), required network Controllers 4-NET-XX series, end user interfaces and required filler plates separately.	1,227.50	86.43
28 46 13 31-0501	EA	Surface Mount Wall Box Assembly For Eight Wide By Two High Annunciators (16 spaces) (EST4 4-16ANNMT)	322.74	23.05
28 46 13 31-0502	EA	24 slots (3 rows of 8), Bronze Annunciator (EST4 4-24ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall mounting assembly 4-24ANNMT, required network Controllers 4-NET-XX series, and End User interfaces and required filler plates separately.	1,320.38	86.43
28 46 13 31-0503	EA	Surface Mount Wallbox Assembly For Eight Wide By Three High Annunciator (24 spaces) (EST4 4-24ANNMT)	431.87	23.05
28 46 13 31-0504	EA	LCD Annunciator (EST4 4-2ANN) Note: Comes with 4-LCDANN color touchscreen display, 4-ANNCPU, bronze outer door and black inner door. Order wallbox assembly model 4-2ANNMT and required network Controllers 4-NET-XX separately	1,508.90	86.43
28 46 13 31-0505	EA	Mounting Assembly For 4-2ANN, Two Wide Annunciator (EST4 4-2ANNMT) Note: Supports surface or semiflush mounting. Comes with black wallbox, surface mounting plastic fillers and semi-flush trim.	172.23	43.22
28 46 13 31-0506	EA	Bronze Annunciator (EST4 4-4ANN) Note: Supports 4 slots (1 row of 4). Comes with 4-ANNCPU, bronze outer door and black inner door. Order wall Mounting assembly 4-4ANNMT, required network controllers 4-NET-XX series, any user interfaces and filler plates separately.	866.84	86.43
28 46 13 31-0507	EA	Mounting Assembly For 4-4ANN, Four Wide annunciator (EST4 4-4ANNMT) Note: Supports surface or semiflush mounting. Comes with black wallbox, surface mounting plastic fillers and semi-flush trim.	245.80	43.22
28 46 13 31-0508	EA	Bronze Annunciator, 6 Slots (1 row of 6) (EST4 4-6ANN) Note: Comes with 4-ANNCPU, bronze outer door and black inner door. Order wall Mounting assembly 4-6ANNMT, required network Controllers 4-NET-XX series, any user interfaces and required filler plates separately.	902.70	86.43
28 46 13 31-0509	EA	Mounting Assembly For 4-6ANN, Six Wide Annunciator (EST4 4-6ANNMT) Note: Supports surface or semiflush mounting. Comes with wallbox, surface mounting plastic fillers and semi-flush trip.	282.83	43.22
28 46 13 31-0510	EA	Bronze Annunciator, 8 Slots (2 rows of 4) (EST4 4-8ANN) Note: Comes with 4-ANNCPU, Bronze outer and black inner doors. Order wall Mounting assembly 4-8ANNMT (surface mounting), or 3-CAB5B (Semi-flush mounting) required network Controllers 4-NET-XX series, End User interfaces and required filler plates separately.	1,048.86	86.43
28 46 13 31-0511	EA	Mounting Assembly For 4-8ANN, Four Wide x Two Row High Annunciator (EST4 4-8ANNMT) Note: Supports surface mounting.	363.07	43.22
28 46 13 31-0512	EA	Security Kit (EST4 4-ANNSK) Note: Provides a keyless door latch that allows access to LCD and switches, used for security applications where the display needs to be accessed without the need for a tool to unlock the door for arming, disarming, bypass applications within the protected space.	38.55	
28 46 13 31-0513	EA	Graphic Annunciator Central Processor Module (EST4 4-CPUGRPH)	1,473.77	86.43
28 46 13 31-0514	EA	SFP Network Controller, CAT5 UTP Copper, 100Base-TX, 100Mbps (EST4 4-NET-CAT)	461.41	86.43
28 46 13 31-0515	EA	SFP Network Controller, Multimode, Dual-Fiber, 100Base-FX 1310nm (EST4 4-NET-MM)	584.33	86.43
28 46 13 31-0516	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-LX10 1310nm (EST4 4-NET-SM)	1,291.08	86.43
28 46 13 31-0517	EA	SFP Network Controller, Single-Mode, Single-Fiber, Downlink, 100Base-BX10-D 1550nm/1310nm Tx/Rx (EST4 4-NET-SMD) Note: Works with 4-NET-SMU	1,541.06	86.43
28 46 13 31-0518	EA	SFP Network Controller, Single-Mode, Dual-Fiber, 100Base-High Output 1310nm (EST4 4-NET-SMH)	1,654.61	86.43
28 46 13 31-0519	EA	SFP Network Controller, Single-Mode, Single-Fiber, Uplink, 100Base-BX10-U 1310nm/1550nm Tx/Rx (EST4 4-NET-SMU) Note: Works with 4-NET-SMD	1,541.06	86.43
28 46 13 31-0520	EA	SFP Network Controller, 2 Mbps Shared TX/RX, Twisted Pair (EST4 4-NET-TP)	461.41	86.43
28 46 13 31-0521	EA	SFP Network Controller, 0.3 Mbps Shared TX/RX, High Capacitance Twisted Pair (EST4 4-NET-TP-HC)	667.28	86.43
28 46 13 31-0522		**Miscellaneous** *(28 46 13 31-0396)*		
28 46 13 31-0523	EA	Service Replacement Bronze Annunciator Door (EST4 4-2ANND) Note: For 4-2ANN annunciators includes the inner and outer doors.	220.46	
28 46 13 31-0524	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-2ANNFA) Note: For 4-2ANN annunciators	78.27	
28 46 13 31-0525	EA	Service Replacement Bronze Annunciator Door (EST4 4-4ANND) Note: For 4-4ANN annunciators includes the inner and outer doors.	239.33	
28 46 13 31-0526	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-4ANNFA) Note: For 4-4ANN annunciators.	112.65	
28 46 13 31-0527	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-4X2ANNFA) Note: For 4-8ANN annunciators and 4-CAB5D door assemblies.	175.46	
28 46 13 31-0528	EA	Service Replacement Bronze Annunciator Door (EST4 4-6ANND) Note: For 4-6ANN annunciators, includes the inner and outer door	267.69	
28 46 13 31-0529	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-6ANNFA) Note: For 4-6ANN annunciators.	130.60	
28 46 13 31-0530	EA	Service Replacement Part, Plastic Frame Assembly With Mounting Screws (EST4 4-8ANNFA) Note: For 4-CAB16D and 4-CAB21D(L) door assemblies.	175.46	
28 46 13 31-0531	EA	Annunciator Central Processor Unit (CPU) (EST4 4-ANNCPU) Note: Provides mounting for up to two network controllers, one USB device port, one USB host port and one 4-ANNAUDTEL module.	684.05	86.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0532	EA	Service Replacement Cable, 4-LCD To 4-CPU Flex Interconnect Cable (EST4 4-CABL0502) Note: For CAB5, 7, 14, 21.	111.91	
28 46 13 31-0533	EA	Service Replacement Cable, 4-LCD To 4-ANNCPU Cable (EST4 4-CABL0504) Note: For use in 4-2ANN, 4ANN, 6ANN annunciator configuration.	100.69	
28 46 13 31-0534	EA	Chassis To Door Rail Cable (EST4 4-CABL0505) Note: For 4-CAB16D, 4-CAB24D or 4-CAB24DL use when no LCD display is required.	92.04	8.64
28 46 13 31-0535	EA	Chassis To Door Rail Cable (EST4 4-CABL0507) Note: For 4-CAB8D when no LCD is required.	92.04	8.64
28 46 13 31-0536	EA	Cable, 4-LCDAUDTEL To 4-ANNCPU (EST4 4-CABL0509) Note: For 4-MPLT for CAB7, CAB14, or CAB21	99.71	8.64
28 46 13 31-0537	EA	Service Replacement Cable, 4-3LCD To 4-CPU Cable (EST4 4-CABL0541) Note: For use in 3-CAB5B, 7B, 14B, 21B, RCC series.	97.05	
28 46 13 31-0538	EA	Cable, USB 3.0 A-B, Male, Short (EST4 4-CABLUSBSM)	47.19	8.64
28 46 13 31-0539	EA	Window Replacement (EST4 4-CABWIN16/24) Note: For 4-CAB16D and 4-CAB24D doors	228.48	
28 46 13 31-0540	EA	Main Color Touchscreen LCD Display (EST4 4-LCD)	770.99	86.43
28 46 13 31-0541	EA	Power Limited Label (EST4 4-PL0457) Note: For EST3 updates.	22.02	5.76
28 46 13 31-0542		**Zone Audio Amplifiers** *(28 46 13 31-0396)*		
28 46 13 31-0543	EA	Zoned Amplifier, 20 Watt, Class A/B (EST4 3-ZA20A) Note: 20 Watt selectable for 25 or 70 Vrms Class A/B Output. Mounts in 1 LRM space. Has built in Class A/B NAC rated at 3.5 Amps. Supports one user interface module.	820.86	23.05
28 46 13 31-0544	EA	Zoned Amplifier, 20 Watt, Class B (EST4 3-ZA20B) Note: 20 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 1 LRM space. Has built in Class B NAC rated at 3.5 Amps. Supports one user interface module.	756.68	23.05
28 46 13 31-0545	EA	Zoned Amplifier, 40 Watt, Class A/B (EST4 3-ZA40A) Note: 40 Watt selectable for 25 or 70 Vrms Class A/B Output. Mounts in 1 LRM space. Has built in Class A/B NAC rated at 3.5 Amps. Supports one user interface module.	1,013.24	23.05
28 46 13 31-0546	EA	Zoned Amplifier, 40 Watt, Class B (EST4 3-ZA40B) Note: 40 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 1 LRM space. Has built in Class B NAC rated at 3.5 Amps. Supports one user interface module.	932.31	23.05
28 46 13 31-0547	EA	Zoned Amplifier, 95 Watt, Class B (EST4 3-ZA95) Note: 95 Watt selectable for 25 or 70 Vrms Class B Output. Mounts in 2 LRM spaces. Supports two user interface modules.	1,956.68	23.05
28 46 13 31-0548		**Simplex Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0549		**4100 Fire Alarm Control Panel** *(28 46 13 31-0548)*		
28 46 13 31-0550	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,881.46	574.77
28 46 13 31-0551	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,537.88	574.77
28 46 13 31-0552	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,975.86	574.77
28 46 13 31-0553	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,301.88	574.77
28 46 13 31-0554	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,300.80	574.77
28 46 13 31-0555	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,251.90	143.69
28 46 13 31-0556	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	471.42	28.74
28 46 13 31-0557	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,367.18	28.74
28 46 13 31-0558		**4100U Back Box** *(28 46 13 31-0548)*		
28 46 13 31-0559	EA	2 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,353.87	114.95
28 46 13 31-0560	EA	3 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,327.79	114.95
28 46 13 31-0561		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 13 31-0548)*		
28 46 13 31-0562	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,290.27	57.48
28 46 13 31-0563		**4010 Fire Alarm Control Panel** *(28 46 13 31-0548)*		
28 46 13 31-0564	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,479.05	574.77
28 46 13 31-0565	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	6,279.44	574.77
28 46 13 31-0566	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	238.74	28.74
28 46 13 31-0567	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	1,063.23	28.74
28 46 13 31-0568	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,464.82	28.74
28 46 13 31-0569	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	748.72	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0570	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	810.89	28.74
28 46 13 31-0571	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	299.14	28.74
28 46 13 31-0572		**Printer** *(28 46 13 31-0548)*		
28 46 13 31-0573	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,364.09	28.74
28 46 13 31-0574		**NAC Panel / Power Booster** *(28 46 13 31-0548)*		
28 46 13 31-0575	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,493.49	143.69
28 46 13 31-0576		**Battery** *(28 46 13 31-0548)*		
28 46 13 31-0577	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	951.18	28.74
28 46 13 31-0578	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	629.12	28.74
28 46 13 31-0579	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	221.20	28.74
28 46 13 31-0580		**Interface Modules** *(28 46 13 31-0548)*		
28 46 13 31-0581	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	176.94	28.74
28 46 13 31-0582	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	375.73	28.74
28 46 13 31-0583	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	83.28	28.74
28 46 13 31-0584	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	179.13	28.74
28 46 13 31-0585	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	79.24	14.37
28 46 13 31-0586	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	75.04	14.37
28 46 13 31-0587		**Pull Stations** *(28 46 13 31-0548)*		
28 46 13 31-0588	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	219.58	28.74
28 46 13 31-0589	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	154.30	28.74
28 46 13 31-0590	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	166.91	28.74
28 46 13 31-0591	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	148.61	28.74
28 46 13 31-0592	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	175.34	28.74
28 46 13 31-0593	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	271.39	28.74
28 46 13 31-0594	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	225.84	28.74
28 46 13 31-0595	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	267.94	28.74
28 46 13 31-0596	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	119.22	28.74
28 46 13 31-0597	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	126.92	28.74
28 46 13 31-0598	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	151.73	28.74
28 46 13 31-0599	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	241.89	28.74
28 46 13 31-0600	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	426.28	28.74
28 46 13 31-0601	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	133.25	28.74
28 46 13 31-0602	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	83.47	14.37
28 46 13 31-0603		**Weatherproof Pull Stations** *(28 46 13 31-0548)*		
28 46 13 31-0604	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	212.11	34.49
28 46 13 31-0605	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	139.39	14.37
28 46 13 31-0606		**Heat / Smoke Sensor** *(28 46 13 31-0548)*		
28 46 13 31-0607	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	210.20	43.11
28 46 13 31-0608	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	313.53	43.11
28 46 13 31-0609	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	636.89	14.37
28 46 13 31-0610	EA	Standard Sensor Base (Simplex 4098-9792)	321.03	14.37
28 46 13 31-0611	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	177.71	28.74
28 46 13 31-0612		**Explosion Proof Heat Detector** *(28 46 13 31-0548)*		
28 46 13 31-0613	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	223.42	43.11
28 46 13 31-0614	EA	Explosion Proof Back Box (Killark JLX-21)	150.83	14.37
28 46 13 31-0615	EA	Explosion Proof Back Box Plugs (Killark CUP-2)	13.21	2.87
28 46 13 31-0616		**Weatherproof Heat Detector** *(28 46 13 31-0548)*		
28 46 13 31-0617	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	157.03	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0618		**200 Degree F Heat Detector** *(28 46 13 31-0548)*		
28 46 13 31-0619	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	127.35	43.11
28 46 13 31-0620		**Duct Smoke Sensor** *(28 46 13 31-0548)*		
28 46 13 31-0621	EA	Duct Sensor Housing (Simplex 4098-9755)	510.75	22.99
28 46 13 31-0622	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	681.14	51.73
28 46 13 31-0623	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	72.65	14.37
28 46 13 31-0624	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	169.55	43.11
28 46 13 31-0625		**Interior Horn** *(28 46 13 31-0548)*		
28 46 13 31-0626	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	155.74	43.11
28 46 13 31-0627	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	155.74	43.11
28 46 13 31-0628		**Interior Horn Strobe** *(28 46 13 31-0548)*		
28 46 13 31-0629	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	221.40	43.11
28 46 13 31-0630	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	221.40	43.11
28 46 13 31-0631	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	206.42	43.11
28 46 13 31-0632	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	206.42	43.11
28 46 13 31-0633	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	206.42	43.11
28 46 13 31-0634	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	206.42	43.11
28 46 13 31-0635	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	211.44	43.11
28 46 13 31-0636	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	211.44	43.11
28 46 13 31-0637	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	220.27	43.11
28 46 13 31-0638	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	216.20	43.11
28 46 13 31-0639	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	220.27	43.11
28 46 13 31-0640	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	216.20	43.11
28 46 13 31-0641	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	206.42	43.11
28 46 13 31-0642	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	206.42	43.11
28 46 13 31-0643	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	206.42	43.11
28 46 13 31-0644	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	206.42	43.11
28 46 13 31-0645		**Interior Strobe** *(28 46 13 31-0548)*		
28 46 13 31-0646	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	174.60	43.11
28 46 13 31-0647	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	174.60	43.11
28 46 13 31-0648	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	174.53	43.11
28 46 13 31-0649	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	174.60	43.11
28 46 13 31-0650	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	193.63	43.11
28 46 13 31-0651	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	193.63	43.11
28 46 13 31-0652	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	194.85	43.11
28 46 13 31-0653	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	198.17	43.11
28 46 13 31-0654	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	198.17	43.11
28 46 13 31-0655	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	198.17	43.11
28 46 13 31-0656	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	174.60	43.11
28 46 13 31-0657	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	174.60	43.11
28 46 13 31-0658	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	174.60	43.11
28 46 13 31-0659	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	174.60	43.11
28 46 13 31-0660		**Interior Speakers** *(28 46 13 31-0548)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0661	EA	Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	139.63	43.11
28 46 13 31-0662	EA	White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	139.63	43.11
28 46 13 31-0663	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	139.63	43.11
28 46 13 31-0664		**Interior Speaker Strobe** *(28 46 13 31-0548)*		
28 46 13 31-0665	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	236.23	43.11
28 46 13 31-0666	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	236.23	43.11
28 46 13 31-0667		**Surge Suppressors** *(28 46 13 31-0548)*		
28 46 13 31-0668	EA	Overvoltage Suppressor (Simplex 2081-9044)	158.94	8.62
28 46 13 31-0669	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	100.63	8.62
28 46 13 31-0670	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	343.71	8.62
28 46 13 31-0671	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	115.65	8.62
28 46 13 31-0672	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	173.84	14.37
28 46 13 31-0673	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	118.63	8.62
28 46 13 31-0674	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	88.58	8.62
28 46 13 31-0675		**Boxes And Adapters** *(28 46 13 31-0548)*		
28 46 13 31-0676	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	75.04	14.37
28 46 13 31-0677	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	70.83	14.37
28 46 13 31-0678	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	62.58	14.37
28 46 13 31-0679	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	50.87	14.37
28 46 13 31-0680		**Accessories** *(28 46 13 31-0548)*		
28 46 13 31-0681	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	33.63	14.37
28 46 13 31-0682		**Additional Simplex And STI Fire Alarm Devices** *(28 46 13 31-0548)*		
28 46 13 31-0683	EA	Audible/Visible Notification Appliances, Wall Mount Multi-Candela Horn/Strobe, Red (Simplex 49AV-WRF)	394.36	43.11
28 46 13 31-0684	EA	Single Action Addressable Manual Pull Station - LED (Simplex 4099-9004)	244.24	28.74
28 46 13 31-0685	EA	Test Station With Keyswitch And Red LED Alarm Indicator (Simplex 4098-9834)	177.94	43.11
28 46 13 31-0686	EA	Duct Weatherproof Enclosure (Simplex 4098-9845)	1,130.64	51.73
28 46 13 31-0687	EA	Sampling Tube 49", Plastic (Simplex 4098-9856)	94.11	14.37
28 46 13 31-0688	EA	IDNAC Repeater Platinum (Simplex 4009-9601)	3,023.88	133.58
28 46 13 31-0689	EA	50 Amp Hours, Battery Cabinet, Red (Simplex 2081-9282)	6,334.54	382.80
28 46 13 31-0690	EA	10 Amp Hours, 12 Volt Battery (Simplex 2081-9274)	110.26	28.74
28 46 13 31-0691	EA	MR201/C Relay, DPDT With LED (Simplex 2088-9010)	84.06	22.99
28 46 13 31-0692	EA	Visible Notification Appliances, Wall Mount Multi-Candela Strobes, Red (Simplex 49VO-WRF)	226.28	43.11
28 46 13 31-0693	EA	SSD Adapter Plate (Simplex 4098-9832)	56.75	14.37
28 46 13 31-0694	EA	Backbox/A-V Device, Red (Simplex 2975-9145)	245.68	57.48
28 46 13 31-0695	EA	8-5/16" x 5-3/4" Backbox Adapter Plate, Red (Simplex 4905-9931)	114.11	22.99
28 46 13 31-0696	EA	6-1/16" H x 6-1/16" W x 3-1/8" D, Wire Guard for Wall Mount TrueAlert V/O or A/V, Includes Mounting Plate, Red (Simplex 4905-9961)	71.84	17.24
28 46 13 31-0697	EA	Backbox Manual Station (Simplex 2975-9022)	338.07	57.48
28 46 13 31-0698	EA	Master Controller With InfoAlarm Command Center, 120 VAC, 60 HZ (Simplex 4100-9114)	10,023.43	574.77
28 46 13 31-0699	EA	Remote Fire Alarm LCD Annunciator (Simplex 4603-9101)	1,767.05	43.11
28 46 13 31-0700	EA	Double Action, Addressable Manual Stations, Red Housing with White Letters and White Pull Lever (Simplex 4099-9005)	262.92	28.74
28 46 13 31-0701	EA	Addressable Manual Stations, Red Housing with White Letters and White Pull Lever (Simplex 4099-9002)	402.99	28.74
28 46 13 31-0702		**Siemens Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0703		**Conventional Control Panels** *(28 46 13 31-0702)*		
28 46 13 31-0704		**SXL Batteries And Power Supplies** *(28 46 13 31-0703)*		
28 46 13 31-0705	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,348.28	57.48
28 46 13 31-0706	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,082.27	57.48
28 46 13 31-0707		**Digital Fire Communicators** *(28 46 13 31-0703)*		
28 46 13 31-0708	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	1,047.20	57.48
28 46 13 31-0709		**Addressable Control Panels** *(28 46 13 31-0702)*		
28 46 13 31-0710		**Fireseeker Equipment** *(28 46 13 31-0709)*		
28 46 13 31-0711		**FS-250 System Panels** *(28 46 13 31-0710)*		
28 46 13 31-0712	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	3,103.53	574.77
28 46 13 31-0713	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	3,916.08	574.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0714	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,298.07	459.82
28 46 13 31-0715	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	3,108.36	574.77
28 46 13 31-0716		**FS-250 Optional Modules** *(28 46 13 31-0710)*		
28 46 13 31-0717	EA	Main Board Module (Siemens FS-MB2)	1,357.96	57.48
28 46 13 31-0718	EA	Display Board Module (Siemens FS-DB2)	1,063.49	28.74
28 46 13 31-0719	EA	Device Loop Card (Siemens FS-DLC)	870.03	28.74
28 46 13 31-0720	EA	Releasing Module (Siemens FS-REL)	381.53	28.74
28 46 13 31-0721	EA	Remote LCD Annunciator (Siemens FS-RD2)	863.98	28.74
28 46 13 31-0722	EA	Relay Processor Card (Siemens FS-RU2)	749.11	28.74
28 46 13 31-0723	EA	Relay Expander Board (Siemens FS-RE8)	637.87	28.74
28 46 13 31-0724	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	863.98	28.74
28 46 13 31-0725	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	671.73	28.74
28 46 13 31-0726	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	610.06	28.74
28 46 13 31-0727	EA	Municipal Tie Module (Siemens FS-MT)	516.96	28.74
28 46 13 31-0728	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	461.98	
28 46 13 31-0729	EA	Programming Cable Kit (Siemens CBL-UD)	121.84	14.37
28 46 13 31-0730	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	218.30	28.74
28 46 13 31-0731	EA	Releasing Power Transformer (Siemens FS-RPT-A)	221.92	28.74
28 46 13 31-0732	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	253.95	22.99
28 46 13 31-0733	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	420.50	14.37
28 46 13 31-0734		**Firefinder Systems** *(28 46 13 31-0709)*		
28 46 13 31-0735		**XLS Basic Fire System Packages Without Back Box** *(28 46 13 31-0734)*		
28 46 13 31-0736	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	11,189.97	574.77
28 46 13 31-0737	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,809.12	574.77
28 46 13 31-0738	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,809.12	574.77
28 46 13 31-0739	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	16,672.26	574.77
28 46 13 31-0740	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	17,245.39	574.77
28 46 13 31-0741	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,670.07	574.77
28 46 13 31-0742	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,670.07	574.77
28 46 13 31-0743	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	11,285.49	574.77
28 46 13 31-0744		**Firefinder - XLS Basic System Equipment** *(28 46 13 31-0734)*		
28 46 13 31-0745	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	5,179.64	574.77
28 46 13 31-0746	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	8,747.84	574.77
28 46 13 31-0747	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	5,179.64	574.77
28 46 13 31-0748	EA	Two Slot Card Cage (Siemens CC-2)	657.22	28.74
28 46 13 31-0749	EA	Five Slot Card Cage (Siemens CC-5)	1,117.90	28.74
28 46 13 31-0750	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,601.56	28.74
28 46 13 31-0751	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,672.90	28.74
28 46 13 31-0752	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	521.79	28.74
28 46 13 31-0753	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,900.22	28.74
28 46 13 31-0754	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	1,071.96	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0755	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	4,087.58	28.74
28 46 13 31-0756	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,792.64	574.77
28 46 13 31-0757	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,255.75	28.74
28 46 13 31-0758	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,398.36	28.74
28 46 13 31-0759	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	565.32	28.74
28 46 13 31-0760	EA	Conventional Detector Card (Siemens CDC-4)	1,209.80	28.74
28 46 13 31-0761	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,379.05	28.74
28 46 13 31-0762	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	8,579.57	28.74
28 46 13 31-0763		**Remote Lobby Enclosure** *(28 46 13 31-0734)*		
28 46 13 31-0764	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,544.25	114.95
28 46 13 31-0765	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	2,003.72	114.95
28 46 13 31-0766	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	242.48	28.74
28 46 13 31-0767	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	265.45	28.74
28 46 13 31-0768		**Battery Enclosures** *(28 46 13 31-0734)*		
28 46 13 31-0769	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	944.51	114.95
28 46 13 31-0770		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0734)*		
28 46 13 31-0771	EA	Output Control Module (Siemens OCM-16)	772.09	28.74
28 46 13 31-0772	EA	Supervised Input Module (Siemens SIM-16)	772.09	28.74
28 46 13 31-0773		**Remote LCD Displays** *(28 46 13 31-0734)*		
28 46 13 31-0774	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,784.23	86.21
28 46 13 31-0775	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	2,015.17	86.21
28 46 13 31-0776		**Voice Equipment** *(28 46 13 31-0734)*		
28 46 13 31-0777	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,788.98	28.74
28 46 13 31-0778	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	3,973.92	28.74
28 46 13 31-0779	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,669.28	28.74
28 46 13 31-0780		**MXL Series Equipment** *(28 46 13 31-0709)*		
28 46 13 31-0781		**MXL Optional Equipment** *(28 46 13 31-0780)*		
28 46 13 31-0782	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,919.00	57.48
28 46 13 31-0783	EA	CXL/MXL Interface Module (Siemens CMI-300)	4,990.81	28.74
28 46 13 31-0784	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	850.68	28.74
28 46 13 31-0785	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	1,028.43	28.74
28 46 13 31-0786	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	382.74	28.74
28 46 13 31-0787	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	234.02	28.74
28 46 13 31-0788	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	1,000.62	28.74
28 46 13 31-0789	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	352.22	43.11
28 46 13 31-0790	EA	Lexan Window For RCC (Siemens GENBOX-WD)	240.65	22.99
28 46 13 31-0791	EA	Input Driver Module (Siemens MID-16)	653.59	28.74
28 46 13 31-0792	EA	Programmable Output Driver Module (Siemens MOD-16)	653.59	28.74
28 46 13 31-0793	EA	MXL Output/Input Module (Siemens MOI-7)	1,050.19	28.74
28 46 13 31-0794	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	555.65	28.74
28 46 13 31-0795	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	878.49	28.74
28 46 13 31-0796	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	2,156.65	86.21
28 46 13 31-0797	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	2,156.65	86.21
28 46 13 31-0798	EA	Network Interface Module (Siemens NIM-1W)	1,570.13	28.74
28 46 13 31-0799	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	4,099.18	114.95
28 46 13 31-0800	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	455.29	28.74
28 46 13 31-0801	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,371.92	574.77
28 46 13 31-0802	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	541.78	57.48
28 46 13 31-0803	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,371.92	574.77
28 46 13 31-0804	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	556.29	57.48
28 46 13 31-0805	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,326.01	574.77
28 46 13 31-0806	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	5,053.89	574.77
28 46 13 31-0807	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	83.15	14.37
28 46 13 31-0808	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	6,402.53	57.48
28 46 13 31-0809	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	13,653.80	57.48
28 46 13 31-0810	EA	Releasing End Of Line Module (Siemens REL-EOL)	189.28	28.74
28 46 13 31-0811	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	4,077.33	57.48
28 46 13 31-0812	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	3,892.33	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0813	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	2,044.83	114.95
28 46 13 31-0814		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0780)*		
28 46 13 31-0815	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	14,690.46	574.77
28 46 13 31-0816	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	19,222.35	574.77
28 46 13 31-0817	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	40,387.31	574.77
28 46 13 31-0818		**MXL Basic System** *(28 46 13 31-0780)*		
28 46 13 31-0819	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	8,988.11	574.77
28 46 13 31-0820	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	11,695.39	574.77
28 46 13 31-0821	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,436.49	57.48
28 46 13 31-0822	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,309.49	57.48
28 46 13 31-0823	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,478.31	86.21
28 46 13 31-0824	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	107.33	14.37
28 46 13 31-0825		**MXL/MXLR System Expansion Accessories** *(28 46 13 31-0780)*		
28 46 13 31-0826	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,820.50	86.21
28 46 13 31-0827	EA	Style 4 Communication Module (Siemens NET-4)	370.65	28.74
28 46 13 31-0828	EA	Style 7 Communication Module (Siemens NET-7)	681.40	28.74
28 46 13 31-0829	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	405.72	28.74
28 46 13 31-0830		**Peripheral Devices** *(28 46 13 31-0709)*		
28 46 13 31-0831		**Thermal Detectors** *(28 46 13 31-0830)*		
28 46 13 31-0832	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	145.46	43.11
28 46 13 31-0833	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	145.46	43.11
28 46 13 31-0834	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	145.46	43.11
28 46 13 31-0835	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	145.46	43.11
28 46 13 31-0836	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	236.14	43.11
28 46 13 31-0837	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	236.14	43.11
28 46 13 31-0838	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	602.52	43.11
28 46 13 31-0839		**Beam Smoke Detector** *(28 46 13 31-0830)*		
28 46 13 31-0840	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,890.58	43.11
28 46 13 31-0841	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	328.61	14.37
28 46 13 31-0842	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	332.24	14.37
28 46 13 31-0843	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	167.79	14.37
28 46 13 31-0844		**Bases For Detectors** *(28 46 13 31-0830)*		
28 46 13 31-0845	EA	Detector Base (Siemens DB-11)	46.88	14.37
28 46 13 31-0846	EA	Universal Base (Siemens DB-3S)	43.25	14.37
28 46 13 31-0847		**Manual Stations** *(28 46 13 31-0830)*		
28 46 13 31-0848	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	357.96	34.49
28 46 13 31-0849		**Addressable Devices** *(28 46 13 31-0709)*		
28 46 13 31-0850		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 13 31-0849)*		
28 46 13 31-0851	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	294.18	43.11
28 46 13 31-0852	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	251.86	43.11
28 46 13 31-0853	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	202.29	43.11
28 46 13 31-0854	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	130.95	43.11
28 46 13 31-0855	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	130.95	43.11
28 46 13 31-0856	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	312.61	28.74
28 46 13 31-0857	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	298.10	28.74
28 46 13 31-0858	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	234.02	28.74
28 46 13 31-0859	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	288.43	28.74
28 46 13 31-0860	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	288.43	28.74
28 46 13 31-0861	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	215.88	28.74
28 46 13 31-0862	EA	Line Isolator Module (Siemens HLIM)	223.13	28.74
28 46 13 31-0863	EA	Remote Convention Zone Module (Siemens HZM)	334.38	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0864	EA	Intelligent Control Point Module (Siemens HCP)	426.27	28.74
28 46 13 31-0865	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,915.01	
28 46 13 31-0866	EA	DPU Carrying Case (Siemens DPU-C1)	292.93	
28 46 13 31-0867	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	3,278.66	28.74
28 46 13 31-0868		**Air Duct Housings And Detectors** *(28 46 13 31-0849)*		
28 46 13 31-0869	EA	Air-Duct Housing (Siemens AD2-P)	344.64	22.99
28 46 13 31-0870	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	390.59	22.99
28 46 13 31-0871	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	310.19	28.74
28 46 13 31-0872	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	41.42	8.62
28 46 13 31-0873	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	50.80	11.50
28 46 13 31-0874	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	63.81	14.37
28 46 13 31-0875	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	74.39	17.24
28 46 13 31-0876		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 13 31-0849)*		
28 46 13 31-0877	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	307.48	43.11
28 46 13 31-0878	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	262.75	43.11
28 46 13 31-0879	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	341.34	43.11
28 46 13 31-0880	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	304.15	28.74
28 46 13 31-0881	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	336.79	28.74
28 46 13 31-0882	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	307.77	28.74
28 46 13 31-0883	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	341.63	28.74
28 46 13 31-0884	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	341.63	28.74
28 46 13 31-0885		**Detector Universal Bases** *(28 46 13 31-0849)*		
28 46 13 31-0886	EA	Detector Base With Relay (Siemens DB-X11RS)	143.61	14.37
28 46 13 31-0887	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	71.06	14.37
28 46 13 31-0888	EA	Locking Kit (Siemens LK-11)	12.47	
28 46 13 31-0889	EA	Detector Base With Relay (Siemens DB-X3RS)	143.61	14.37
28 46 13 31-0890	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	167.79	14.37
28 46 13 31-0891	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	67.43	14.37
28 46 13 31-0892	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	31.75	8.62
28 46 13 31-0893	EA	Seal For DB-11 (Siemens DB11-SEAL)	15.38	
28 46 13 31-0894	EA	Gasket For DB-11 (Siemens DB-SEAL)	16.97	
28 46 13 31-0895	EA	Detector Guard Housing (Siemens DGH-11)	212.53	14.37
28 46 13 31-0896	EA	Small Detector Base (Siemens DB-11E)	51.71	14.37
28 46 13 31-0897	EA	Audible Base For Series 3 (Siemens ADBI-60A)	189.56	14.37
28 46 13 31-0898	EA	Base Plug (Siemens DB-11-DP)	12.42	
28 46 13 31-0899		**Air Duct Smoke Detectors** *(28 46 13 31-0849)*		
28 46 13 31-0900	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	155.42	28.74
28 46 13 31-0901	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	839.80	28.74
28 46 13 31-0902		**Notification Devices** *(28 46 13 31-0709)*		
28 46 13 31-0903		**Synchronization Control Devices** *(28 46 13 31-0902)*		
28 46 13 31-0904	EA	Dual Synchronization Control Module (Siemens DSC)	234.02	28.74
28 46 13 31-0905		**Stand-Alone Strobes** *(28 46 13 31-0902)*		
28 46 13 31-0906	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	188.99	43.11
28 46 13 31-0907	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	207.13	43.11
28 46 13 31-0908	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	188.99	43.11
28 46 13 31-0909	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	207.13	43.11
28 46 13 31-0910	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	207.13	43.11
28 46 13 31-0911	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	188.99	43.11
28 46 13 31-0912	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	220.43	43.11
28 46 13 31-0913	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	210.75	43.11
28 46 13 31-0914	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	210.75	43.11
28 46 13 31-0915	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	226.47	43.11
28 46 13 31-0916	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	226.47	43.11
28 46 13 31-0917		**Horns And Strobes** *(28 46 13 31-0902)*		
28 46 13 31-0918	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	260.33	43.11
28 46 13 31-0919	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	276.05	43.11
28 46 13 31-0920	EA	Wall Mounted Horn (Siemens SE-R)	145.46	43.11
28 46 13 31-0921	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	260.33	43.11
28 46 13 31-0922	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	276.05	43.11
28 46 13 31-0923	EA	Ceiling Mounted Horn (Siemens SEC-R)	152.71	43.11
28 46 13 31-0924	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	260.33	43.11
28 46 13 31-0925	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	276.05	43.11
28 46 13 31-0926	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	145.46	43.11
28 46 13 31-0927	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	260.33	43.11
28 46 13 31-0928	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	276.05	43.11
28 46 13 31-0929	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	152.71	43.11
28 46 13 31-0930	EA	Mini Horn (Siemens MH-R)	118.86	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0931	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	155.13	43.11
28 46 13 31-0932	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	244.61	43.11
28 46 13 31-0933	EA	Industrial Tri-Tone Horn (Siemens ASR)	721.01	43.11
28 46 13 31-0934	EA	Wall Mounted Horn (Siemens HS-R)	155.13	43.11
28 46 13 31-0935	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	245.82	43.11
28 46 13 31-0936	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	265.16	43.11
28 46 13 31-0937	EA	6" Motor Bell (Siemens MBDC-6)	179.31	43.11
28 46 13 31-0938	EA	10" Motor Bell (Siemens MBDC-10)	197.45	43.11
28 46 13 31-0939		**Mounting Accessories** *(28 46 13 31-0902)*		
28 46 13 31-0940	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	43.25	14.37
28 46 13 31-0941	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	43.25	14.37
28 46 13 31-0942	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	44.46	14.37
28 46 13 31-0943	EA	Red Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX)	73.48	14.37
28 46 13 31-0944	EA	White Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX-W)	57.76	14.37
28 46 13 31-0945	EA	Surface Mounted Speaker Back Box (Siemens SBBS-R)	61.39	14.37
28 46 13 31-0946	EA	Surface Mounted Speaker Back Box (Siemens SBL2S-R)	66.22	14.37
28 46 13 31-0947	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	51.71	14.37
28 46 13 31-0948	EA	Semi-Flush Plate (Siemens SFPS-R)	42.04	14.37
28 46 13 31-0949	EA	Square Surface Back Box (Siemens SHBBS-R)	51.71	14.37
28 46 13 31-0950	EA	Horn Adapter Plate (Siemens SHMPS-R)	49.30	14.37
28 46 13 31-0951	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	43.25	14.37
28 46 13 31-0952	EA	Wall Mounted Surface Mounted Speaker Back Box (Siemens SPSB-R)	57.76	14.37
28 46 13 31-0953	EA	Wall Mounted Surface Mounted Speaker/Strobe Back Box (Siemens SPSSB-R)	61.39	14.37
28 46 13 31-0954	EA	Weatherproof Speaker Back Box (Siemens WBBS-R)	58.97	14.37
28 46 13 31-0955	EA	Weatherproof Speaker Back Box With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	66.22	14.37
28 46 13 31-0956	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	66.22	14.37
28 46 13 31-0957	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	66.22	14.37
28 46 13 31-0958	EA	Weatherproof Horn Back Box (Siemens WPBBS-R)	61.39	14.37
28 46 13 31-0959	EA	Weatherproof Strobe Back Box (Siemens WPSBBS-R)	61.39	14.37
28 46 13 31-0960	EA	Surface Mounted Weatherproof Back Box Kit (Siemens WPS-KIT)	43.25	14.37
28 46 13 31-0961	EA	Z Series Back Box (Siemens ZBB-R)	49.30	14.37
28 46 13 31-0962		**Door Holders** *(28 46 13 31-0902)*		
28 46 13 31-0963	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	398.17	43.11
28 46 13 31-0964	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	398.17	43.11
28 46 13 31-0965		**Voice Equipment** *(28 46 13 31-0709)*		
28 46 13 31-0966		**Voicecom** *(28 46 13 31-0965)*		
28 46 13 31-0967	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	6,125.19	574.77
28 46 13 31-0968	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	9,813.10	574.77
28 46 13 31-0969		**Johnson Controls Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0970	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	227.15	43.11
28 46 13 31-0971	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	224.53	43.11
28 46 13 31-0972	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	284.57	43.11
28 46 13 31-0973	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	283.73	43.11
28 46 13 31-0974	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	804.13	57.48
28 46 13 31-0975	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	213.77	43.11
28 46 13 31-0976	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	188.93	43.11
28 46 13 31-0977	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	183.66	43.11
28 46 13 31-0978	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	588.54	43.11
28 46 13 31-0979	EA	100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	2,911.09	86.21
28 46 13 31-0980	EA	AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E)	2,819.51	86.21
28 46 13 31-0981	EA	120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,868.92	86.21
28 46 13 31-0982	EA	AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E)	2,745.56	86.21
28 46 13 31-0983	EA	30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30)	1,320.38	86.21
28 46 13 31-0984	EA	AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E)	1,320.38	86.21
28 46 13 31-0985	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	1,344.06	28.74
28 46 13 31-0986	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	1,398.43	28.74
28 46 13 31-0987	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	1,024.26	28.74
28 46 13 31-0988	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	1,024.26	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0989	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	719.27	28.74
28 46 13 31-0990	EA	Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,333.16	57.48
28 46 13 31-0991	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	1,024.26	28.74
28 46 13 31-0992	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	1,065.13	28.74
28 46 13 31-0993	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	917.02	28.74
28 46 13 31-0994	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	917.02	28.74
28 46 13 31-0995	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	146.00	25.86
28 46 13 31-0996	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	1,397.84	57.48
28 46 13 31-0997	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	3,072.57	57.48
28 46 13 31-0998	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	1,397.84	57.48
28 46 13 31-0999	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	3,072.57	57.48
28 46 13 31-1000	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	50.92	14.37
28 46 13 31-1001	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	146.33	14.37
28 46 13 31-1002	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	137.70	14.37
28 46 13 31-1003	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	54.60	14.37
28 46 13 31-1004	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	48.48	14.37
28 46 13 31-1005	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	1,013.42	57.48
28 46 13 31-1006	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,390.64	86.21
28 46 13 31-1007	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,529.29	86.21
28 46 13 31-1008	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	278.29	14.37
28 46 13 31-1009	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	185.88	14.37
28 46 13 31-1010	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,392.68	86.21
28 46 13 31-1011	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,205.79	86.21
28 46 13 31-1012	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,205.79	86.21
28 46 13 31-1013	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,594.57	86.21
28 46 13 31-1014	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,390.64	86.21
28 46 13 31-1015	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,390.64	86.21
28 46 13 31-1016	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,390.64	86.21
28 46 13 31-1017	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,865.97	86.21
28 46 13 31-1018	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,865.97	86.21
28 46 13 31-1019	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,865.97	86.21
28 46 13 31-1020	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	290.52	28.74
28 46 13 31-1021	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	452.15	28.74
28 46 13 31-1022	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	37.72	11.50
28 46 13 31-1023	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	41.52	11.50
28 46 13 31-1024	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	105.59	17.24
28 46 13 31-1025	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	50.04	11.50
28 46 13 31-1026	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	61.73	14.37
28 46 13 31-1027	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	454.89	28.74
28 46 13 31-1028	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	752.71	57.48
28 46 13 31-1029	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	610.83	86.21
28 46 13 31-1030	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	859.76	86.21
28 46 13 31-1031	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	942.94	86.21
28 46 13 31-1032	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	511.54	11.50
28 46 13 31-1033	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	773.46	11.50
28 46 13 31-1034	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	850.50	11.50
28 46 13 31-1035	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	989.81	114.95
28 46 13 31-1036	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,312.50	114.95
28 46 13 31-1037	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,253.83	86.21
28 46 13 31-1038	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	232.08	14.37
28 46 13 31-1039	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	661.95	28.74
28 46 13 31-1040	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	339.29	43.11
28 46 13 31-1041	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	273.73	43.11
28 46 13 31-1042	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	288.65	43.11
28 46 13 31-1043	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,447.18	57.48
28 46 13 31-1044	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	2,994.25	57.48
28 46 13 31-1045	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	900.27	28.74
28 46 13 31-1046	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320) Note: Includes Door, Dress Panel And Back Box, Black	6,025.79	459.82
28 46 13 31-1047	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	3,020.81	57.48
28 46 13 31-1048	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	39,729.18	689.72
28 46 13 31-1049	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	43,426.20	689.72
28 46 13 31-1050	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	48,971.74	689.72
28 46 13 31-1051	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	43,426.20	689.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1052	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	289.59	17.24
28 46 13 31-1053	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	326.56	17.24
28 46 13 31-1054	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	356.14	17.24
28 46 13 31-1055	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	670.39	17.24
28 46 13 31-1056	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	215.22	11.50
28 46 13 31-1057	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2D) Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black.	333.32	25.86
28 46 13 31-1058	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2DR) Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red.	354.52	25.86
28 46 13 31-1059	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Back Box, Black. (Johnson Controls, Inc. #JABS-4D)	658.03	25.86
28 46 13 31-1060	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	660.75	11.50
28 46 13 31-1061	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	891.81	11.50
28 46 13 31-1062	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	1,104.39	11.50
28 46 13 31-1063	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	302.72	28.74
28 46 13 31-1064	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	141.87	11.50
28 46 13 31-1065	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	6,011.80	459.82
28 46 13 31-1066	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640) Note: Includes CHS2-M2 Chassis	4,336.10	344.87
28 46 13 31-1067	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	7,847.01	459.82
28 46 13 31-1068	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	7,566.33	344.87
28 46 13 31-1069	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	5,422.44	344.87
28 46 13 31-1070	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	3,012.98	43.11
28 46 13 31-1071	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	3,043.83	43.11
28 46 13 31-1072	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	3,043.83	43.11
28 46 13 31-1073	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	3,600.35	57.48
28 46 13 31-1074	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2) Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).	3,048.54	57.48
28 46 13 31-1075	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	2,538.24	344.87
28 46 13 31-1076	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	2,160.55	57.48
28 46 13 31-1077	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,774.14	57.48
28 46 13 31-1078	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	2,866.25	57.48
28 46 13 31-1079	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	888.28	14.37
28 46 13 31-1080	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	283.61	11.50
28 46 13 31-1081	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	350.16	11.50
28 46 13 31-1082	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	714.56	14.37
28 46 13 31-1083	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	1,315.32	14.37
28 46 13 31-1084	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	2,387.02	14.37
28 46 13 31-1085	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	182.88	14.37
28 46 13 31-1086	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	294.16	14.37
28 46 13 31-1087	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	142.57	14.37
28 46 13 31-1088	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	201.93	14.37
28 46 13 31-1089	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	158.16	14.37
28 46 13 31-1090	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	260.83	14.37
28 46 13 31-1091	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	298.10	14.37
28 46 13 31-1092	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	166.09	14.37
28 46 13 31-1093	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	2,511.46	43.11
28 46 13 31-1094	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	2,236.86	28.74
28 46 13 31-1095	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	2,066.80	28.74
28 46 13 31-1096	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	76.20	5.75
28 46 13 31-1097	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, etc.) (Johnson Controls, Inc. #NCM-F)	1,806.93	28.74
28 46 13 31-1098	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, etc.) (Johnson Controls, Inc. #NCM-W)	1,720.17	28.74
28 46 13 31-1099	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	4,396.75	57.48
28 46 13 31-1100	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	1,217.26	28.74
28 46 13 31-1101	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	331.67	11.50
28 46 13 31-1102	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	765.48	28.74
28 46 13 31-1103	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	765.48	28.74
28 46 13 31-1104	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	204.16	11.50
28 46 13 31-1105	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	53.30	5.75
28 46 13 31-1106	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	53.30	5.75
28 46 13 31-1107	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR)	197.14	43.11
28 46 13 31-1108	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH)	223.00	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1109	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	264.08	48.85
28 46 13 31-1110	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	260.37	48.85
28 46 13 31-1111	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,817.78	114.95
28 46 13 31-1112	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	1,411.09	114.95
28 46 13 31-1113	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW)	197.14	43.11
28 46 13 31-1114	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH)	223.00	43.11
28 46 13 31-1115	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P)	197.14	43.11
28 46 13 31-1116	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	34.73	11.50
28 46 13 31-1117	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	41.17	5.75
28 46 13 31-1118	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	47.11	5.75
28 46 13 31-1119	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	41.22	5.75
28 46 13 31-1120	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR)	179.30	43.11
28 46 13 31-1121	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH)	223.00	43.11
28 46 13 31-1122	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	264.08	48.85
28 46 13 31-1123	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P)	223.00	43.11
28 46 13 31-1124	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	260.37	48.85
28 46 13 31-1125	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P)	197.14	43.11
28 46 13 31-1126	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW)	197.14	43.11
28 46 13 31-1127	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH)	223.00	43.11
28 46 13 31-1128	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P)	223.00	43.11
28 46 13 31-1129	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P)	197.14	43.11
28 46 13 31-1130	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	285.67	14.37
28 46 13 31-1131	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	1,262.39	57.48
28 46 13 31-1132	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	294.08	57.48
28 46 13 31-1133	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	124.57	28.74
28 46 13 31-1134	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	124.57	28.74
28 46 13 31-1135	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	236.61	28.74
28 46 13 31-1136	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	258.04	28.74
28 46 13 31-1137	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	258.04	28.74
28 46 13 31-1138	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	228.09	28.74
28 46 13 31-1139	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	313.90	28.74
28 46 13 31-1140	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	236.61	28.74
28 46 13 31-1141	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	124.57	28.74
28 46 13 31-1142	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	124.57	28.74
28 46 13 31-1143	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	258.04	28.74
28 46 13 31-1144	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	236.61	28.74
28 46 13 31-1145	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	236.61	28.74

28 46 13 31-1146 Honeywell Fire Alarm *(28 46 13 31)*

28 46 13 31-1147 Notifier Fire Alarm *(28 46 13 31-1146)*

28 46 13 31-1148 Fire Alarm Control Panel And Accessories *(28 46 13 31-1147)*

28 46 13 31-1149	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	6,418.57	574.77
28 46 13 31-1150	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	5,224.40	574.77
28 46 13 31-1151	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	4,509.60	574.77
28 46 13 31-1152	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	6,404.52	574.77
28 46 13 31-1153	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	5,823.07	574.77
28 46 13 31-1154	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,670.90	574.77
28 46 13 31-1155	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,525.59	574.77
28 46 13 31-1156	EA	Two-Tone Sequential Module (Notifier 2TTM)	376.70	28.74
28 46 13 31-1157	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	95.02	5.75
28 46 13 31-1158	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	182.03	11.50
28 46 13 31-1159	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	276.48	17.24
28 46 13 31-1160	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	443.93	
28 46 13 31-1161	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	62.76	
28 46 13 31-1162	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	5,411.18	574.77
28 46 13 31-1163	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,467.24	574.77
28 46 13 31-1164	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	236.90	5.75
28 46 13 31-1165	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	72.14	5.75
28 46 13 31-1166	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	101.65	11.50
28 46 13 31-1167	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	99.68	14.37
28 46 13 31-1168	EA	IP Communicator (Notifier IPDACT-2)	766.85	28.74
28 46 13 31-1169	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	890.42	28.74
28 46 13 31-1170	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	203.93	28.74
28 46 13 31-1171	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	203.36	28.74
28 46 13 31-1172	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	51.25	11.50
28 46 13 31-1173	EA	Loop Control Module (Notifier LCM-320)	2,470.50	57.48
28 46 13 31-1174	EA	Loop Expander Module (Notifier LEM-320)	1,760.24	57.48
28 46 13 31-1175	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,869.51	57.48
28 46 13 31-1176	EA	7' DACT Phone Cord (Notifier MCBL-7)	24.89	
28 46 13 31-1177	EA	Back Box For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	219.24	14.37
28 46 13 31-1178	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	247.98	28.74
28 46 13 31-1179	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	247.98	28.74
28 46 13 31-1180	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	805.59	28.74
28 46 13 31-1181	EA	Universal Zone Coder (Notifier UZC-256)	1,122.58	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1182	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	350.68	
28 46 13 31-1183	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	846.46	
28 46 13 31-1184	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	538.18	
28 46 13 31-1185	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	4,990.18	17.24
28 46 13 31-1186	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	54.03	14.37
28 46 13 31-1187	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	2,346.72	574.77
28 46 13 31-1188	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	3,436.08	574.77
28 46 13 31-1189		**ONYX Cabinets** *(28 46 13 31-1147)*		
28 46 13 31-1190	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	650.38	14.37
28 46 13 31-1191	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	873.97	14.37
28 46 13 31-1192	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	1,080.61	14.37
28 46 13 31-1193	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	129.45	17.24
28 46 13 31-1194	EA	Chassis Bridge (Notifier CB-1)	117.70	14.37
28 46 13 31-1195	EA	Four Position Chassis (Notifier CHS-4)	198.65	14.37
28 46 13 31-1196	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	241.68	28.74
28 46 13 31-1197	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	114.01	17.24
28 46 13 31-1198	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	145.19	17.24
28 46 13 31-1199	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	457.10	28.74
28 46 13 31-1200	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	286.95	28.74
28 46 13 31-1201	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	576.36	43.11
28 46 13 31-1202	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	350.02	43.11
28 46 13 31-1203	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	862.67	57.48
28 46 13 31-1204	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	517.69	57.48
28 46 13 31-1205	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	1,045.95	71.85
28 46 13 31-1206	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	599.50	71.85
28 46 13 31-1207	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	314.78	14.37
28 46 13 31-1208	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	216.38	14.37
28 46 13 31-1209	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	216.38	14.37
28 46 13 31-1210	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	320.50	14.37
28 46 13 31-1211	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	243.84	14.37
28 46 13 31-1212	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	406.31	14.37
28 46 13 31-1213	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	277.59	14.37
28 46 13 31-1214	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	484.11	14.37
28 46 13 31-1215	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	399.44	14.37
28 46 13 31-1216	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	718.66	14.37
28 46 13 31-1217	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	447.50	14.37
28 46 13 31-1218	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	860.54	14.37
28 46 13 31-1219	EA	Black, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4)	413.31	28.74
28 46 13 31-1220	EA	Black, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4)	610.10	28.74
28 46 13 31-1221	EA	Black, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4)	715.37	28.74
28 46 13 31-1222	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	432.76	28.74
28 46 13 31-1223	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	653.58	28.74
28 46 13 31-1224	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	763.42	28.74
28 46 13 31-1225	EA	Red, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4R)	416.74	28.74
28 46 13 31-1226	EA	Red, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4R)	610.10	28.74
28 46 13 31-1227	EA	Red, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4R)	724.52	28.74
28 46 13 31-1228	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	453.36	28.74
28 46 13 31-1229	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	653.58	28.74
28 46 13 31-1230	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	763.42	28.74
28 46 13 31-1231	EA	Back Box With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	3,374.89	143.69
28 46 13 31-1232	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	388.14	28.74
28 46 13 31-1233	EA	Black, One Tier Back Box Assembly (Notifier SBB-A4)	475.71	86.21
28 46 13 31-1234	EA	Black, Two Tier Back Box Assembly (Notifier SBB-B4)	677.68	114.95
28 46 13 31-1235	EA	Black, Three Tier Back Box Assembly (Notifier SBB-C4)	918.52	114.95
28 46 13 31-1236	EA	Black, Four Tier Back Box Assembly (Notifier SBB-D4)	1,115.16	143.69
28 46 13 31-1237	EA	Black, Mini, One Tier, Back Box (Notifier SBB-AA4)	243.98	28.74
28 46 13 31-1238	EA	Red, Mini, One Tier, Back Box (Notifier SBB-AA4R)	243.98	28.74
28 46 13 31-1239	EA	Red, One Tier Back Box Assembly (Notifier SBB-A4R)	296.61	28.74
28 46 13 31-1240	EA	Red, Two Tier Back Box Assembly (Notifier SBB-B4R)	412.17	28.74
28 46 13 31-1241	EA	Red, Three Tier Back Box Assembly (Notifier SBB-C4R)	603.24	28.74
28 46 13 31-1242	EA	Red, Four Tier Back Box Assembly (Notifier SBB-D4R)	713.08	28.74
28 46 13 31-1243	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	235.29	17.24
28 46 13 31-1244	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	235.29	17.24
28 46 13 31-1245	EA	Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	317.10	17.24
28 46 13 31-1246	EA	Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	250.73	17.24
28 46 13 31-1247	EA	Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	252.45	17.24
28 46 13 31-1248	EA	Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	249.59	17.24
28 46 13 31-1249	EA	Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	255.88	17.24
28 46 13 31-1250	EA	2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Back Box (Notifier VP-2B)	91.01	17.24
28 46 13 31-1251	EA	Wire Trays For Routing Wire In A CAB-4 Series Back Box (Notifier WC-2)	63.22	5.75
28 46 13 31-1252		**NFS2-3030/640 Cabinet Mechanicals** *(28 46 13 31-1147)*		
28 46 13 31-1253	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	164.72	17.24
28 46 13 31-1254	EA	Blank Module Dress Plate (Notifier BM-1B)	134.39	17.24
28 46 13 31-1255	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	154.02	17.24
28 46 13 31-1256	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	309.06	14.37
28 46 13 31-1257	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	343.11	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1258	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	171.86	17.24
28 46 13 31-1259		**NFS-3030/640 Cabinet Mechanicals** *(28 46 13 31-1147)*		
28 46 13 31-1260	EA	Annunciator Dress Plate (Notifier ADP-4B)	155.80	17.24
28 46 13 31-1261	EA	Blank Module Dress Plate (Notifier BMP-1)	93.36	17.24
28 46 13 31-1262	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	217.15	28.74
28 46 13 31-1263	EA	Module Dress Plate (Notifier MP-1B)	157.59	17.24
28 46 13 31-1264		**Battery Cabinets** *(28 46 13 31-1147)*		
28 46 13 31-1265	EA	Six Position Chassis (Notifier CHS-6)	132.94	28.74
28 46 13 31-1266	EA	Black, 24" x 14" x 7-3/4" Battery Back Box (Notifier NFS-LBB)	696.93	86.21
28 46 13 31-1267		**Digital Voice** *(28 46 13 31-1147)*		
28 46 13 31-1268	EA	Chassis Used With BB-XP (Notifier 18439)	57.92	14.37
28 46 13 31-1269	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	2,293.55	43.11
28 46 13 31-1270	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	2,229.10	43.11
28 46 13 31-1271	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	1,120.67	43.11
28 46 13 31-1272	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	740.94	43.11
28 46 13 31-1273	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	1,005.17	57.48
28 46 13 31-1274	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	1,251.55	71.85
28 46 13 31-1275	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	973.60	28.74
28 46 13 31-1276	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	973.60	28.74
28 46 13 31-1277	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	2,087.30	28.74
28 46 13 31-1278	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Back Box (Notifier AFAWS-BX)	122.27	14.37
28 46 13 31-1279	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	207.23	14.37
28 46 13 31-1280	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	208.37	14.37
28 46 13 31-1281	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	201.51	14.37
28 46 13 31-1282	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	203.80	14.37
28 46 13 31-1283	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	416.61	14.37
28 46 13 31-1284	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	318.21	14.37
28 46 13 31-1285	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	130.49	
28 46 13 31-1286	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	580.52	28.74
28 46 13 31-1287	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	585.80	28.74
28 46 13 31-1288	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	120.56	14.37
28 46 13 31-1289	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	185.93	28.74
28 46 13 31-1290	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	610.71	43.11
28 46 13 31-1291	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	242.26	28.74
28 46 13 31-1292	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	242.26	28.74
28 46 13 31-1293	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	314.78	14.37
28 46 13 31-1294	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	311.35	14.37
28 46 13 31-1295	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	2,622.87	28.74
28 46 13 31-1296	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,972.77	28.74
28 46 13 31-1297	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,972.77	28.74
28 46 13 31-1298	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	2,708.50	28.74
28 46 13 31-1299	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,088.85	28.74
28 46 13 31-1300	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	2,813.76	28.74
28 46 13 31-1301	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,582.19	28.74
28 46 13 31-1302	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,582.19	28.74
28 46 13 31-1303	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,865.41	28.74
28 46 13 31-1304	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,918.24	28.74
28 46 13 31-1305	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	2,000.66	28.74
28 46 13 31-1306	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,266.29	28.74
28 46 13 31-1307	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,300.10	28.74
28 46 13 31-1308	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,330.74	28.74
28 46 13 31-1309	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,375.12	28.74
28 46 13 31-1310	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,384.63	28.74
28 46 13 31-1311	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,425.84	28.74
28 46 13 31-1312	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,467.05	28.74
28 46 13 31-1313	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,541.02	28.74
28 46 13 31-1314	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	140.01	14.37
28 46 13 31-1315	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	146.88	17.24
28 46 13 31-1316	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	171.86	17.24
28 46 13 31-1317	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	305.66	17.24
28 46 13 31-1318	EA	WPS Power Amplifier (Notifier DPA3204P)	689.36	28.74
28 46 13 31-1319	EA	WPS Power Amplifier (Notifier DPA4001P)	580.52	28.74
28 46 13 31-1320	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,315.95	28.74
28 46 13 31-1321	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	983.11	28.74
28 46 13 31-1322	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	994.73	28.74
28 46 13 31-1323	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,660.42	28.74
28 46 13 31-1324	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	643.92	28.74
28 46 13 31-1325	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	364.11	28.74
28 46 13 31-1326	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	364.11	28.74
28 46 13 31-1327	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	364.11	28.74
28 46 13 31-1328	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	152.73	28.74
28 46 13 31-1329	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	441.04	28.74
28 46 13 31-1330	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	2,644.28	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1331	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	730.43	57.48
28 46 13 31-1332	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	291.82	
28 46 13 31-1333	EA	Portable Fireman's Telephone Handset (Notifier FHS)	174.54	
28 46 13 31-1334	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	202.57	
28 46 13 31-1335	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	503.70	28.74
28 46 13 31-1336	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	503.70	28.74
28 46 13 31-1337	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	81.54	8.62
28 46 13 31-1338	EA	Paging Microphone Only (Notifier MIC-1)	291.18	28.74
28 46 13 31-1339	EA	Firefighter's Telephone Handset (Notifier TELH-1)	199.71	
28 46 13 31-1340	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	751.46	28.74
28 46 13 31-1341	EA	Remote Microphone Assembly For Mounting In A Stand-Alone Cabinet (Notifier RM-1SA)	751.46	28.74
28 46 13 31-1342		**Amplifiers** *(28 46 13 31-1147)*		
28 46 13 31-1343	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,465.06	28.74
28 46 13 31-1344	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	3,222.30	28.74
28 46 13 31-1345	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	3,129.53	28.74
28 46 13 31-1346	EA	Audio Coupling Transformer (Notifier ACT-1)	205.55	28.74
28 46 13 31-1347	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	244.80	28.74
28 46 13 31-1348	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	244.80	28.74
28 46 13 31-1349	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	244.80	28.74
28 46 13 31-1350	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	1,786.16	28.74
28 46 13 31-1351	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	1,847.45	28.74
28 46 13 31-1352	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	1,919.30	28.74
28 46 13 31-1353	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA) Note: Requires NFC-BDA-BU	3,502.16	28.74
28 46 13 31-1354	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V) Note: Requires NFC-BDA-BU	696.75	28.74
28 46 13 31-1355	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V) Note: Requires NFC-BDA-BU	699.92	28.74
28 46 13 31-1356		**FireVoice-25/50 Emergency Voice Evacuation Control Panels** *(28 46 13 31-1147)*		
28 46 13 31-1357	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	5,162.95	574.77
28 46 13 31-1358	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,587.19	574.77
28 46 13 31-1359	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,718.95	574.77
28 46 13 31-1360	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	6,198.95	574.77
28 46 13 31-1361	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	6,878.01	574.77
28 46 13 31-1362		**System Printer** *(28 46 13 31-1147)*		
28 46 13 31-1363	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	3,200.89	28.74
28 46 13 31-1364		**Batteries** *(28 46 13 31-1147)*		
28 46 13 31-1365	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	653.58	28.74
28 46 13 31-1366	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	667.61	28.74
28 46 13 31-1367	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	885.26	28.74
28 46 13 31-1368	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	507.05	28.74
28 46 13 31-1369	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	717.56	28.74
28 46 13 31-1370	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	715.78	28.74
28 46 13 31-1371	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	1,152.50	28.74
28 46 13 31-1372		**Battery Back Boxes And Miscellaneous Mechanicals** *(28 46 13 31-1147)*		
28 46 13 31-1373	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Back Box (Notifier BB-17)	176.99	22.99
28 46 13 31-1374	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	299.98	22.99
28 46 13 31-1375	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Back Box (Notifier BB-26)	511.77	114.95
28 46 13 31-1376	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	220.78	57.48
28 46 13 31-1377	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	127.71	14.37
28 46 13 31-1378	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	349.18	22.99
28 46 13 31-1379	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	238.20	22.99
28 46 13 31-1380	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	265.08	22.99
28 46 13 31-1381	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	282.82	22.99
28 46 13 31-1382	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550)	422.41	22.99
28 46 13 31-1383	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26)	248.49	22.99
28 46 13 31-1384	EA	Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100) Note: Two kits are required for the BB-200	353.76	22.99
28 46 13 31-1385	EA	Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17) Note: Two kits are required for the BB-200	305.70	22.99
28 46 13 31-1386	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25) Note: Two kits are required for the BB-200	312.57	22.99
28 46 13 31-1387	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC) Note: Two kits are required for the BB-200	272.52	22.99
28 46 13 31-1388	EA	Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4) Note: Two kits are required for the BB-200	255.36	22.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1389		**Power Supplies And Chargers** *(28 46 13 31-1147)*		
28 46 13 31-1390	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,542.27	43.11
28 46 13 31-1391	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,618.35	43.11
28 46 13 31-1392	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	2,250.02	28.74
28 46 13 31-1393	EA	6A Auxiliary Power Supply (Notifier APS-6R)	1,055.17	28.74
28 46 13 31-1394	EA	10 Amperes Battery Charger (Notifier BC10A)	1,177.73	43.11
28 46 13 31-1395	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	644.48	34.49
28 46 13 31-1396	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	652.49	34.49
28 46 13 31-1397	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	909.01	34.49
28 46 13 31-1398	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	909.01	34.49
28 46 13 31-1399	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	222.24	28.74
28 46 13 31-1400	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,729.09	28.74
28 46 13 31-1401	EA	Mounts XPIQ-Ps And/or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	99.68	14.37
28 46 13 31-1402	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	158.60	14.37
28 46 13 31-1403	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	1,138.58	28.74
28 46 13 31-1404	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	903.63	86.21
28 46 13 31-1405	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	864.54	86.21
28 46 13 31-1406	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	1,000.84	86.21
28 46 13 31-1407	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	992.39	86.21
28 46 13 31-1408	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	969.57	43.11
28 46 13 31-1409	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	969.57	43.11
28 46 13 31-1410	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	1,203.09	43.11
28 46 13 31-1411	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	1,149.20	43.11
28 46 13 31-1412	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	1,221.05	86.21
28 46 13 31-1413	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	1,221.05	86.21
28 46 13 31-1414	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	845.52	86.21
28 46 13 31-1415	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	845.52	86.21
28 46 13 31-1416	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	913.14	86.21
28 46 13 31-1417	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	913.14	86.21
28 46 13 31-1418	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	732.45	86.21
28 46 13 31-1419	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	864.54	86.21
28 46 13 31-1420	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	186.18	14.37
28 46 13 31-1421	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,537.48	28.74
28 46 13 31-1422	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	219.95	28.74
28 46 13 31-1423	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E)	1,766.84	28.74
28 46 13 31-1424	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R)	876.16	86.21
28 46 13 31-1425	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE)	913.14	86.21
28 46 13 31-1426	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75)	835.17	28.74
28 46 13 31-1427	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E)	844.46	86.21
28 46 13 31-1428	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R)	824.38	86.21
28 46 13 31-1429		**Network Control Annunciators** *(28 46 13 31-1147)*		
28 46 13 31-1430	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	3,116.03	86.21
28 46 13 31-1431	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	107.63	17.24
28 46 13 31-1432	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	73.74	17.24
28 46 13 31-1433		**FIRSTVISION Firefighter's Display** *(28 46 13 31-1147)*		
28 46 13 31-1434	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	23,707.09	574.77
28 46 13 31-1435		**FlashScan Addressable Modules** *(28 46 13 31-1147)*		
28 46 13 31-1436	EA	Intelligent Addressable Control Module (Notifier FCM-1)	251.94	28.74
28 46 13 31-1437	EA	Addressable Dual Monitor Module (Notifier FDM-1)	284.05	28.74
28 46 13 31-1438	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	205.55	28.74
28 46 13 31-1439	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	180.58	28.74
28 46 13 31-1440	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	396.44	28.74
28 46 13 31-1441	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	184.77	28.74
28 46 13 31-1442	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	323.30	28.74
28 46 13 31-1443	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	201.98	28.74
28 46 13 31-1444		**Addressable Device Bases And Accessories** *(28 46 13 31-1147)*		
28 46 13 31-1445	EA	Intelligent Detector Base With Flange (Notifier B710LP)	61.82	14.37
28 46 13 31-1446	EA	Weatherproof Device Housing (Notifier DH400OE-1)	683.66	28.74
28 46 13 31-1447	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	57.92	14.37
28 46 13 31-1448	EA	Swift AV Base Ceiling (Notifier WAV-CRL)	325.07	14.37
28 46 13 31-1449	EA	Swift AV Base Wall (Notifier WAV-RL)	325.07	14.37
28 46 13 31-1450		**XP6/XP10 Transponder** *(28 46 13 31-1147)*		
28 46 13 31-1451	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	179.68	28.74
28 46 13 31-1452	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	992.30	28.74
28 46 13 31-1453	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	1,206.38	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1454	EA	Six Relay Control Module (Notifier XP6-R)	953.05	28.74
28 46 13 31-1455	EA	Ten Input Monitor Module (Notifier XP10-M)	1,152.86	28.74
28 46 13 31-1456		**LCD Display Annunciators** *(28 46 13 31-1147)*		
28 46 13 31-1457	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	1,233.91	86.21
28 46 13 31-1458	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,760.19	86.21
28 46 13 31-1459	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,824.41	86.21
28 46 13 31-1460	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	931.61	28.74
28 46 13 31-1461	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	491.11	28.74
28 46 13 31-1462	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,208.49	28.74
28 46 13 31-1463	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W)	603.54	86.21
28 46 13 31-1464		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-1147)*		
28 46 13 31-1465	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	531.16	28.74
28 46 13 31-1466	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	1,322.34	28.74
28 46 13 31-1467	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	1,006.57	28.74
28 46 13 31-1468	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	1,322.34	28.74
28 46 13 31-1469	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	1,006.57	28.74
28 46 13 31-1470	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	1,006.57	28.74
28 46 13 31-1471	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	899.53	28.74
28 46 13 31-1472	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	1,006.57	28.74
28 46 13 31-1473	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	899.53	28.74
28 46 13 31-1474		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-1147)*		
28 46 13 31-1475	EA	Single Annunciator Flush Mounted Back Box (Notifier ABF-1B)	375.41	57.48
28 46 13 31-1476	EA	Single Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-1DB)	412.88	57.48
28 46 13 31-1477	EA	Two Annunciator Flush Mounted Back Box (Notifier ABF-2B)	470.16	71.85
28 46 13 31-1478	EA	Two Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-2DB)	518.33	71.85
28 46 13 31-1479	EA	Four Annunciator Flush Mounted Back Box (Notifier ABF-4B)	846.98	100.58
28 46 13 31-1480	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	151.34	17.24
28 46 13 31-1481	EA	Single Annunciator Surface Mounted Back Box (Notifier ABS-1B)	222.88	57.48
28 46 13 31-1482	EA	Single Annunciator Surface Mounted Back Box With Trim (Notifier ABS-1TB)	190.29	14.37
28 46 13 31-1483	EA	Two Annunciator Surface Mounted Back Box (Notifier ABS-2B)	291.57	57.48
28 46 13 31-1484	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Back Box (Notifier ABS-2D)	543.31	71.85
28 46 13 31-1485	EA	Red, Surface (Or Semi-Flush) Mounted Back Box For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	360.73	14.37
28 46 13 31-1486	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4D)	895.15	100.58
28 46 13 31-1487	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4DR)	611.03	17.24
28 46 13 31-1488	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Back Box (Notifier ABS-8RB)	228.28	22.99
28 46 13 31-1489	EA	Annunciator Key Switch (Notifier AKS-1B)	114.78	8.62
28 46 13 31-1490	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	133.30	28.74
28 46 13 31-1491	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	899.53	28.74
28 46 13 31-1492	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	203.15	5.75
28 46 13 31-1493	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	254.63	5.75
28 46 13 31-1494	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	737.18	28.74
28 46 13 31-1495	EA	Lamp Driver Module (Notifier LDM-R32)	989.96	28.74
28 46 13 31-1496	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	917.88	28.74
28 46 13 31-1497	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	261.50	5.75
28 46 13 31-1498	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	233.00	17.24
28 46 13 31-1499	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	136.76	17.24
28 46 13 31-1500	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	136.76	17.24
28 46 13 31-1501	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1)	222.70	17.24
28 46 13 31-1502	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2)	222.70	17.24
28 46 13 31-1503	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED)	584.69	28.74
28 46 13 31-1504		**Network Gateways** *(28 46 13 31-1147)*		
28 46 13 31-1505	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	3,333.10	28.74
28 46 13 31-1506	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	2,479.32	28.74
28 46 13 31-1507	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,794.20	28.74
28 46 13 31-1508	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	3,079.50	28.74
28 46 13 31-1509	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	2,501.51	28.74
28 46 13 31-1510	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	2,433.89	28.74
28 46 13 31-1511	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,741.37	28.74
28 46 13 31-1512	EA	Modbus Gateway (Notifier MODBUS-GW)	2,730.80	28.74
28 46 13 31-1513	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	3,161.29	18.97
28 46 13 31-1514	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	4,704.00	18.97
28 46 13 31-1515	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	14,921.80	18.97
28 46 13 31-1516	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	738.34	43.11
28 46 13 31-1517	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,368.24	43.11
28 46 13 31-1518	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	2,005.54	43.11
28 46 13 31-1519	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	1,251.07	
28 46 13 31-1520	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	3,875.24	28.74
28 46 13 31-1521	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	3,875.24	28.74
28 46 13 31-1522	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	3,787.45	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1523	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	4,410.88	28.74
28 46 13 31-1524	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	3,787.45	28.74
28 46 13 31-1525	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	3,875.24	28.74
28 46 13 31-1526	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,778.53	
28 46 13 31-1527	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	27,928.31	689.72
28 46 13 31-1528	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,005.26	
28 46 13 31-1529	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,005.26	
28 46 13 31-1530	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	1,156.40	28.74
28 46 13 31-1531	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	941.90	28.74
28 46 13 31-1532	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	1,120.47	28.74
28 46 13 31-1533	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	1,250.44	28.74
28 46 13 31-1534	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,604.01	28.74
28 46 13 31-1535	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,665.99	28.74
28 46 13 31-1536	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	2,964.22	
28 46 13 31-1537	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	1,603.79	18.97
28 46 13 31-1538	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	502.76	28.74

28 46 13 31-1539 NOTI-FIRE-NET Network Components *(28 46 13 31-1147)*

28 46 13 31-1540	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	3,875.24	28.74
28 46 13 31-1541	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,711.25	28.74
28 46 13 31-1542	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	3,875.24	28.74
28 46 13 31-1543	EA	Wired Network Communications Module (Notifier NCM-W)	1,629.18	28.74
28 46 13 31-1544	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	136.69	14.37

28 46 13 31-1545 FireWarden Addressable Fire Panels *(28 46 13 31-1147)*

28 46 13 31-1546	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,853.26	574.77
28 46 13 31-1547	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	3,486.58	574.77
28 46 13 31-1548	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,952.18	287.38
28 46 13 31-1549	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,952.18	287.38
28 46 13 31-1550	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,939.51	287.38
28 46 13 31-1551	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addessable Fire Alarm Control Panel (Notifier NFW-50C)	3,372.73	287.38
28 46 13 31-1552	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addessable Fire Alarm Control Panel (NFW-50R)	2,425.97	287.38

28 46 13 31-1553 FireWarden Accessories *(28 46 13 31-1147)*

28 46 13 31-1554	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	221.22	43.11
28 46 13 31-1555	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	209.78	43.11

28 46 13 31-1556 FireWarden Devices *(28 46 13 31-1147)*

28 46 13 31-1557	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	200.20	28.74
28 46 13 31-1558	EA	Intelligent Addressable Control Module (Notifier NC-100)	243.02	28.74
28 46 13 31-1559	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	232.31	28.74
28 46 13 31-1560	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	484.94	43.11
28 46 13 31-1561	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	589.41	43.11
28 46 13 31-1562	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	232.31	28.74
28 46 13 31-1563	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	225.36	43.11
28 46 13 31-1564	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	225.36	43.11
28 46 13 31-1565	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	225.36	43.11
28 46 13 31-1566	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	318.13	43.11
28 46 13 31-1567	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	196.63	28.74
28 46 13 31-1568	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	176.12	28.74
28 46 13 31-1569	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	276.02	28.74
28 46 13 31-1570	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	237.85	43.11
28 46 13 31-1571	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	312.59	28.74
28 46 13 31-1572	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	1,177.83	28.74

28 46 13 31-1573 SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories *(28 46 13 31-1147)*

28 46 13 31-1574	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,811.64	459.82
28 46 13 31-1575	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	2,041.78	459.82
28 46 13 31-1576	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,223.55	143.69
28 46 13 31-1577	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,391.56	143.69
28 46 13 31-1578	EA	Class A Converter Module (Notifier CAC-4)	438.48	28.74
28 46 13 31-1579	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	158.34	17.24
28 46 13 31-1580	EA	Remote Zone Annunciator (Notifier RZA-4X)	226.94	43.11
28 46 13 31-1581	EA	Red, Dress Panel (Notifier DP-51050)	191.81	17.24
28 46 13 31-1582	EA	Black, Dress Panel (Notifier DP-51050B)	194.10	17.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1583		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-1147)*		
28 46 13 31-1584	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,924.62	574.77
28 46 13 31-1585	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,298.95	431.08
28 46 13 31-1586	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,834.91	287.38
28 46 13 31-1587	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,834.91	287.38
28 46 13 31-1588	EA	Class A Converter Module (Notifier N-CAC-5X)	454.50	28.74
28 46 13 31-1589	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	171.79	17.24
28 46 13 31-1590	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) Note: Includes internal dress panel with built-in annunciator module	3,669.60	431.08
28 46 13 31-1591	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	2,430.20	287.38
28 46 13 31-1592	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel Wth DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	2,408.01	287.38
28 46 13 31-1593		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-1147)*		
28 46 13 31-1594	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	5,204.03	574.77
28 46 13 31-1595	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	3,890.73	431.08
28 46 13 31-1596	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	3,424.14	574.77
28 46 13 31-1597	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,465.51	574.77
28 46 13 31-1598	EA	Four Channel, Dual Line, Stand-Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	935.98	86.21
28 46 13 31-1599	EA	10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) Note: Includes internal dress panel with built-in annunciator module	4,499.04	574.77
28 46 13 31-1600	EA	240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE)	3,355.78	431.08
28 46 13 31-1601	EA	Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR)	3,904.14	574.77
28 46 13 31-1602		**Smoke Detectors** *(28 46 13 31-1147)*		
28 46 13 31-1603	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	343.11	43.11
28 46 13 31-1604	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	603.57	43.11
28 46 13 31-1605	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,479.15	43.11
28 46 13 31-1606	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	197.19	43.11
28 46 13 31-1607	EA	Filters For Harsh Detector (Notifier RF-FTX)	23.90	
28 46 13 31-1608	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	205.11	28.74
28 46 13 31-1609	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	1,825.46	43.11
28 46 13 31-1610	EA	Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951)	205.49	43.11
28 46 13 31-1611	EA	Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV)	224.37	43.11
28 46 13 31-1612	EA	Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R)	214.93	43.11
28 46 13 31-1613	EA	Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV)	232.09	43.11
28 46 13 31-1614	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T)	216.07	43.11
28 46 13 31-1615	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV)	233.23	43.11
28 46 13 31-1616	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951)	175.45	43.11
28 46 13 31-1617	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H)	175.45	43.11
28 46 13 31-1618	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV)	191.47	43.11
28 46 13 31-1619	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV)	191.47	43.11
28 46 13 31-1620	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R)	175.45	43.11
28 46 13 31-1621	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV)	191.47	43.11
28 46 13 31-1622	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R)	472.93	43.11
28 46 13 31-1623	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV)	507.26	43.11
28 46 13 31-1624	EA	Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) Note: Requires B210W base, ordered separately	471.79	43.11
28 46 13 31-1625	EA	Wireless Photo Detector With Flashscan (Notifier FWD-200P) Note: Requires B210W base, ordered separately	434.03	43.11
28 46 13 31-1626	EA	Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135) Note: Requires B210W base, ordered separately	393.99	43.11
28 46 13 31-1627	EA	Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) Note: Requires B210W base, ordered separately	393.99	43.11
28 46 13 31-1628	EA	Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951)	286.44	43.11
28 46 13 31-1629	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	2,809.20	43.11
28 46 13 31-1630	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	3,443.29	43.11
28 46 13 31-1631		**Pull Stations** *(28 46 13 31-1147)*		
28 46 13 31-1632	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	35.30	5.75
28 46 13 31-1633	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2)	89.72	14.37
28 46 13 31-1634	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2R)	76.34	14.37
28 46 13 31-1635	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	115.92	28.74
28 46 13 31-1636	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	128.62	28.74
28 46 13 31-1637	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	178.59	28.74
28 46 13 31-1638	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	115.92	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1639	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	134.55	28.74
28 46 13 31-1640	EA	Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	134.55	28.74
28 46 13 31-1641	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	134.55	28.74
28 46 13 31-1642	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	126.93	28.74
28 46 13 31-1643	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	137.94	28.74
28 46 13 31-1644	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	931.20	34.49
28 46 13 31-1645	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	99.93	28.74
28 46 13 31-1646	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	104.85	28.74
28 46 13 31-1647	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	131.07	28.74
28 46 13 31-1648	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	327.65	34.49
28 46 13 31-1649	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	159.02	28.74
28 46 13 31-1650	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	132.99	28.74
28 46 13 31-1651	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	277.80	28.74
28 46 13 31-1652	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	67.40	5.75
28 46 13 31-1653	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL)	463.70	34.49
28 46 13 31-1654		**Rate Compensation Heat Detectors** *(28 46 13 31-1147)*		
28 46 13 31-1655	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	243.20	43.11
28 46 13 31-1656	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	243.20	43.11
28 46 13 31-1657		**FM Series Door Releases** *(28 46 13 31-1147)*		
28 46 13 31-1658	EA	1/2" Door Holder Spacer (Notifier FM900-50)	38.65	8.62
28 46 13 31-1659	EA	3/4" Door Holder Spacer (Notifier FM900-75)	38.65	8.62
28 46 13 31-1660	EA	1" Door Holder Spacer (Notifier FM900-100)	38.65	8.62
28 46 13 31-1661	EA	Door Holder Extension Kit (Notifier FM900)	41.32	8.62
28 46 13 31-1662	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	42.22	8.62
28 46 13 31-1663	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	275.09	43.11
28 46 13 31-1664	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	236.07	43.11
28 46 13 31-1665	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	236.07	43.11
28 46 13 31-1666		**Multicriteria Fire Detector** *(28 46 13 31-1147)*		
28 46 13 31-1667	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	343.64	43.11
28 46 13 31-1668	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	342.50	43.11
28 46 13 31-1669	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	221.22	43.11
28 46 13 31-1670	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	229.23	43.11
28 46 13 31-1671	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951)	343.64	43.11
28 46 13 31-1672		**Modules** *(28 46 13 31-1147)*		
28 46 13 31-1673	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	413.31	28.74
28 46 13 31-1674	EA	Addressable Firephone Control Module (Notifier FTM-1)	254.27	28.74
28 46 13 31-1675	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM)	399.58	28.74
28 46 13 31-1676	EA	Wireless Relay Module With Flashscan (Notifier FW-RM)	462.51	28.74
28 46 13 31-1677	EA	Wireless Sync Module (Notifier W-SYNC)	441.04	28.74
28 46 13 31-1678		**DH Series Door Releases** *(28 46 13 31-1147)*		
28 46 13 31-1679	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	209.49	43.11
28 46 13 31-1680	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	223.51	43.11
28 46 13 31-1681	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	236.67	43.11
28 46 13 31-1682	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	233.23	43.11
28 46 13 31-1683	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	244.67	43.11
28 46 13 31-1684	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	254.40	43.11
28 46 13 31-1685	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	209.49	43.11
28 46 13 31-1686	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	221.79	43.11
28 46 13 31-1687	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	236.67	43.11
28 46 13 31-1688	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	268.13	43.11
28 46 13 31-1689	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	286.44	43.11
28 46 13 31-1690	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	307.60	43.11
28 46 13 31-1691	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	312.75	43.11
28 46 13 31-1692	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	334.49	43.11
28 46 13 31-1693	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	360.81	43.11
28 46 13 31-1694	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	24.03	5.75
28 46 13 31-1695	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	24.03	5.75
28 46 13 31-1696	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	26.37	5.75
28 46 13 31-1697	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	24.03	5.75
28 46 13 31-1698	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	24.03	5.75
28 46 13 31-1699	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	26.37	5.75
28 46 13 31-1700	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	25.23	5.75
28 46 13 31-1701	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	25.23	5.75
28 46 13 31-1702	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	26.37	5.75
28 46 13 31-1703	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	27.69	5.75
28 46 13 31-1704	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	27.69	5.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1705	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	27.69	5.75
28 46 13 31-1706	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	28.89	5.75
28 46 13 31-1707	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	28.89	5.75
28 46 13 31-1708	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	28.89	5.75
28 46 13 31-1709	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	30.21	5.75
28 46 13 31-1710	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	30.21	5.75
28 46 13 31-1711	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	31.41	5.75
28 46 13 31-1712	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	31.41	5.75
28 46 13 31-1713	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	32.72	5.75
28 46 13 31-1714	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	36.44	5.75
28 46 13 31-1715	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	35.18	5.75
28 46 13 31-1716	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	33.93	5.75
28 46 13 31-1717	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	36.44	5.75
28 46 13 31-1718	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	33.43	8.62
28 46 13 31-1719	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	34.63	8.62
28 46 13 31-1720	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	38.46	8.62
28 46 13 31-1721	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	63.35	8.62
28 46 13 31-1722	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	67.01	8.62
28 46 13 31-1723	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	70.67	8.62
28 46 13 31-1724	EA	Surface Mounted Back Box, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	57.34	14.37
28 46 13 31-1725	EA	Surface Mounted Back Box, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	59.86	14.37
28 46 13 31-1726	EA	Surface Mounted Back Box, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	64.90	14.37
28 46 13 31-1727	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	353.54	

28 46 13 31-1728 First Command *(28 46 13 31-1147)*

28 46 13 31-1729	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	6,329.11	718.46
28 46 13 31-1730	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	6,392.50	718.46
28 46 13 31-1731	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,771.55	57.48
28 46 13 31-1732	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,819.10	57.48
28 46 13 31-1733	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	3,251.92	57.48
28 46 13 31-1734	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	3,357.58	57.48
28 46 13 31-1735	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	835.59	28.74
28 46 13 31-1736	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	835.59	28.74
28 46 13 31-1737	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	519.72	28.74
28 46 13 31-1738	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	679.85	28.74
28 46 13 31-1739	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	2,401.32	57.48
28 46 13 31-1740	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	2,350.60	57.48
28 46 13 31-1741	EA	Black, Remote Microphone (Notifier NFC-RM)	687.76	
28 46 13 31-1742	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	1,986.05	57.48
28 46 13 31-1743	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	392.72	28.74
28 46 13 31-1744	EA	Firefighters Phone Jack (Notifier N-FPJ)	180.28	8.62
28 46 13 31-1745	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	48.82	8.62
28 46 13 31-1746	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	159.49	17.24

28 46 13 31-1747 LED Displays *(28 46 13 31-1147)*

28 46 13 31-1748	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,877.95	34.49
28 46 13 31-1749	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,639.54	45.98
28 46 13 31-1750	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,670.19	45.98
28 46 13 31-1751	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	2,564.52	45.98
28 46 13 31-1752	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	3,589.47	45.98
28 46 13 31-1753	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	2,723.02	45.98

28 46 13 31-1754 Control Relays *(28 46 13 31-1147)*

28 46 13 31-1755	EA	Single SPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-101/CR)	77.60	14.37
28 46 13 31-1756	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	58.26	14.37
28 46 13 31-1757	EA	Four Position SPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-104/CR)	214.80	28.74
28 46 13 31-1758	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	120.56	14.37
28 46 13 31-1759	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	144.30	14.37
28 46 13 31-1760	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	221.09	28.74
28 46 13 31-1761	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	221.09	28.74
28 46 13 31-1762	EA	Single DPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-201/CR)	110.11	28.74
28 46 13 31-1763	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	63.29	14.37
28 46 13 31-1764	EA	Four Position DPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-204/CR)	235.40	28.74
28 46 13 31-1765	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	78.30	28.74
28 46 13 31-1766	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	78.30	28.74
28 46 13 31-1767	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	78.30	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1768		**Gamewell-FCI Fire Control Instruments** *(28 46 13 31-1147)*		
28 46 13 31-1769		**7100 Series And NetSOLO®** *(28 46 13 31-1768)*		
28 46 13 31-1770		**7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 46 13 31-1769)*		
28 46 13 31-1771	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,102.77	344.87
28 46 13 31-1772	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	4,831.53	574.77
28 46 13 31-1773	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,312.29	574.77
28 46 13 31-1774	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	4,831.53	574.77
28 46 13 31-1775	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,312.29	574.77
28 46 13 31-1776	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,596.16	
28 46 13 31-1777	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,917.79	
28 46 13 31-1778	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,917.79	57.48
28 46 13 31-1779		**NetSOLO® Intelligent Network** *(28 46 13 31-1769)*		
28 46 13 31-1780	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	2,129.39	57.48
28 46 13 31-1781	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,687.57	57.48
28 46 13 31-1782		**Components And Accessories** *(28 46 13 31-1769)*		
28 46 13 31-1783	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	1,044.34	43.11
28 46 13 31-1784	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	785.30	57.48
28 46 13 31-1785	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,457.35	57.48
28 46 13 31-1786	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	575.39	57.48
28 46 13 31-1787	EA	Enclosure Box (Gamewell-FCI EN-7100)	444.89	114.95
28 46 13 31-1788	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,533.61	28.74
28 46 13 31-1789		**E3 Series® Basic System** *(28 46 13 31-1768)*		
28 46 13 31-1790	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,381.46	57.48
28 46 13 31-1791	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,182.40	57.48
28 46 13 31-1792	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,381.46	57.48
28 46 13 31-1793	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,182.40	57.48
28 46 13 31-1794	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	883.57	57.48
28 46 13 31-1795	EA	Power Supply Module (Gamewell-FCI PM-9)	1,163.23	57.48
28 46 13 31-1796	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	976.21	57.48
28 46 13 31-1797	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	975.41	28.74
28 46 13 31-1798	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	546.26	57.48
28 46 13 31-1799	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,497.39	57.48
28 46 13 31-1800	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,251.30	57.48
28 46 13 31-1801	EA	Local Operating Console (Gamewell-FCI 1100-0455)	833.61	43.11
28 46 13 31-1802	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,720.51	43.11
28 46 13 31-1803	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	1,065.60	57.48
28 46 13 31-1804	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	3,288.59	57.48
28 46 13 31-1805	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	724.43	114.95
28 46 13 31-1806	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	522.78	114.95
28 46 13 31-1807	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	113.49	28.74
28 46 13 31-1808	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	741.18	57.48
28 46 13 31-1809	EA	LED Driver module (Gamewell-FCI ANU-48)	741.18	57.48
28 46 13 31-1810	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,278.74	43.11
28 46 13 31-1811		**Addressable Devices, Module, Pulls And Accessories** *(28 46 13 31-1768)*		
28 46 13 31-1812		**Velociti® Series Sensors And Bases** *(28 46 13 31-1811)*		
28 46 13 31-1813	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	225.02	43.11
28 46 13 31-1814	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	230.10	43.11
28 46 13 31-1815	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	245.33	43.11
28 46 13 31-1816	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	184.39	43.11
28 46 13 31-1817	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	192.86	43.11
28 46 13 31-1818	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	184.39	43.11
28 46 13 31-1819	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	280.88	43.11
28 46 13 31-1820	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	636.37	43.11
28 46 13 31-1821	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	524.57	71.85
28 46 13 31-1822	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	592.28	71.85
28 46 13 31-1823	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	274.04	
28 46 13 31-1824	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	55.82	14.37
28 46 13 31-1825	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	687.16	43.11
28 46 13 31-1826	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	134.54	14.37
28 46 13 31-1827	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,457.72	86.21
28 46 13 31-1828		**Velociti® Series Modules And Pull Station** *(28 46 13 31-1811)*		
28 46 13 31-1829	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F)	164.97	28.74
28 46 13 31-1830	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	272.47	28.74
28 46 13 31-1831	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F)	181.90	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1832	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	260.62	28.74
28 46 13 31-1833	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	215.76	28.74
28 46 13 31-1834	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	224.22	28.74
28 46 13 31-1835	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	307.08	57.48
28 46 13 31-1836	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	231.84	28.74
28 46 13 31-1837	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	36.89	5.75
28 46 13 31-1838		**Components And Accessories** *(28 46 13 31-1811)*		
28 46 13 31-1839	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	88.30	22.99
28 46 13 31-1840	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	44.15	11.50
28 46 13 31-1841	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	47.54	11.50
28 46 13 31-1842	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	56.67	14.37
28 46 13 31-1843	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	93.74	17.24
28 46 13 31-1844	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	140.78	22.99
28 46 13 31-1845		**Fixed And Rate of Rise Heat Detectors** *(28 46 13 31-1811)*		
28 46 13 31-1846	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	114.99	43.11
28 46 13 31-1847	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	114.99	43.11
28 46 13 31-1848	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	113.33	43.11
28 46 13 31-1849	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	113.33	43.11
28 46 13 31-1850		**NAC Expander/Power Supply** *(28 46 13 31-1811)*		
28 46 13 31-1851	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,138.46	459.82
28 46 13 31-1852	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,816.83	459.82
28 46 13 31-1853	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,977.65	459.82
28 46 13 31-1854		**Batteries And Accessories** *(28 46 13 31-1768)*		
28 46 13 31-1855	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	348.64	28.74
28 46 13 31-1856	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	900.50	28.74
28 46 13 31-1857	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	179.36	28.74
28 46 13 31-1858	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	421.35	57.48
28 46 13 31-1859	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	421.35	57.48
28 46 13 31-1860	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	372.26	57.48
28 46 13 31-1861		**Electronic Door Holders** *(28 46 13 31-1768)* Note: Rixson products.		
28 46 13 31-1862	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	61.27	5.75
28 46 13 31-1863	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	492.48	43.11
28 46 13 31-1864	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	677.00	43.11
28 46 13 31-1865	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	308.65	43.11
28 46 13 31-1866	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	293.41	43.11
28 46 13 31-1867	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	308.65	43.11
28 46 13 31-1868	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	307.97	43.11
28 46 13 31-1869		**Fire Alarm Programming** *(28 46 13 31-1768)* Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1870	EA	Program And Test Up To 5 Total Fire Alarm Devices	500.00	
28 46 13 31-1871	EA	Program And Test >5 To 20 Total Fire Alarm Devices	1,000.00	
28 46 13 31-1872	EA	Program And Test >20 To 50 Total Fire Alarm Devices	2,000.00	
28 46 13 31-1873		**Fire-Lite Fire Alarm** *(28 46 13 31-1146)*		
28 46 13 31-1874		**Intelligent Addressable Fire Alarm Control Panel** *(28 46 13 31-1873)*		
28 46 13 31-1875	EA	50 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-50X)	1,298.47	229.90
28 46 13 31-1876	EA	198 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-200X)	1,678.54	258.64
28 46 13 31-1877	EA	954 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-1000X)	2,522.78	287.38
28 46 13 31-1878	EA	Loop Expander Module (Fire-Lite SLC-3LS)	757.03	43.11
28 46 13 31-1879	EA	Optional Cabinet For 1 Or 2 Modules (Fire-Lite BB-2F)	208.04	28.74
28 46 13 31-1880	EA	Optional Cabinet For Up To 6 Modules Mounted On CHS-6 (Fire-Lite BB-6F)	296.29	28.74
28 46 13 31-1881	EA	Battery Back Box (Fire-Lite BB-26)	182.13	17.24
28 46 13 31-1882	EA	Battery Box (Fire-Lite BB-55F)	338.77	17.24
28 46 13 31-1883	EA	Chassis, Mounts Up To 6 Multi-Modules In A BB-6F Cabinet (Fire-Lite CHS-6)	91.81	11.50
28 46 13 31-1884	EA	Chassis, Mounts Up To Six Multi-Modules In A BB-6F Cabine (Fire-Lite CHG-75)	796.73	28.74
28 46 13 31-1885	EA	Battery Charger For Lead-Acid Batteries With A Rating Of 25 To 75 AH (Fire-Lite CHG-120F)	1,698.90	57.48
28 46 13 31-1886	EA	6 AMP, NAC Expander Power Supply (Fire-Lite FL-PS6)	924.73	28.74
28 46 13 31-1887	EA	10 AMP, NAC Expander Power Supply (Fire-Lite FL-PS10)	955.68	28.74
28 46 13 31-1888	EA	Remote, Red LCD Annunciator Mimics The Information Displayed On The Face LCD Display (Fire-Lite ANN-80)	370.91	28.74
28 46 13 31-1889	EA	Led Driver Module Provides Connections To A User Supplied Graphic Annunciator (Fire-Lite ANN-I/O)	455.13	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1890	EA	Annunciator Module Provides Three Leds For Each Zone: Alarm, Trouble, And Supervisory. Ships With Red Enclosure (Fire-Lite ANN-LED)	397.37	28.74
28 46 13 31-1891	EA	Provides Alarm (Red) Indicators For Up To 30 Input Zones Or Addressable Points (Fire-Lite ANN-RLED)	397.37	28.74
28 46 13 31-1892	EA	Relay Module Provides 10 Programmable Form-C Relays (Fire-Lite ANN-RLY)	318.49	28.74
28 46 13 31-1893	EA	Serial/Parallel Printer Gateway Module (Fire-Lite ANN-S/PG)	311.36	28.74
28 46 13 31-1894	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD365 A)	155.75	43.11
28 46 13 31-1895	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD365T A)	175.23	43.11
28 46 13 31-1896	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD365R A)	180.81	43.11
28 46 13 31-1897	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (CO) Detection (Fire-Lite SD365CO)	328.10	43.11
28 46 13 31-1898	EA	Low-Profile 135°F Fixed Thermal Sensor (Fire-Lite H365 A)	148.79	43.11
28 46 13 31-1899	EA	Low-Profile, Intelligent, Rate-Of-Rise Thermal Sensor (Fire-Lite H365R A)	168.19	43.11
28 46 13 31-1900	EA	Low-Profile Intelligent 190°F/88°C Fixed Thermal Sensor (Fire-Lite H365HT A)	199.82	43.11
28 46 13 31-1901	EA	Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite D365PL)	642.31	43.11
28 46 13 31-1902	EA	Addressable Low-Profile Ionization Smoke Detector (Fire-Lite CP355 A)	234.26	43.11
28 46 13 31-1903	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD355 A)	155.75	43.11
28 46 13 31-1904	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD355T A)	202.77	43.11
28 46 13 31-1905	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD355R A)	227.68	43.11
28 46 13 31-1906	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (Co) Detection (Fire-Lite SD355CO)	166.18	43.11
28 46 13 31-1907	EA	Fast-Response, Low-Profile Heat Detector (Fire-Lite H355 A)	202.12	43.11
28 46 13 31-1908	EA	Fast-Response, Low-Profile Heat Detector With Rate-Of-Rise Option (Fire-Lite H355R A)	195.44	43.11
28 46 13 31-1909	EA	Fast-Response, Low-Profile Heat Detector That Activates At 190°F/88°C (Fire-Lite H355HT A)	229.88	43.11
28 46 13 31-1910	EA	Low-Profile, Intelligent, 'Adapt' Multi-Sensor Detector (B350LP Base Included) (Fire-Lite AD355 A)	224.39	43.11
28 46 13 31-1911	EA	Programmable, Addressable Sounder Base (Fire-Lite B200S(A)-WH)	142.42	28.74
28 46 13 31-1912	EA	Addressable Sounder Base (Fire-Lite B200SR(A)-WH)	165.03	28.74
28 46 13 31-1913	EA	Programmable, Addressable Sounder Base, Low-Frequency (Fire-Lite B200S-LF-WH)	189.40	28.74
28 46 13 31-1914	EA	Addressable Sounder Base, Low-Frequency (Fire-Lite B200SR-LF-WH)	193.50	28.74
28 46 13 31-1915	EA	Intelligent Beam Smoke Detector (Fire-Lite BEAM355)	1,769.64	43.11
28 46 13 31-1916	EA	Intelligent Beam Smoke Detector With Integral Sensitivity Test (Fire-Lite BEAM355S)	2,026.27	43.11
28 46 13 31-1917	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Includes SD355R) (Fire-Lite D355PL A)	283.17	28.74
28 46 13 31-1918	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite DNR A)	170.39	28.74
28 46 13 31-1919	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing, With NEMA-4 Rating, Watertight (Fire-Lite DNRW)	264.15	28.74
28 46 13 31-1920	EA	Addressable Control Module For One Class B Or A Zone Of Supervised Polarized Notification Appliances (Fire-Lite CMF-300)	111.19	17.24
28 46 13 31-1921	EA	Six-Circuit Supervised Control Module (Fire-Lite CMF-300-6)	585.08	28.74
28 46 13 31-1922	EA	Addressable Relay Module Containing Two Isolated Sets Of Form-C Contacts, Which Operate As A Dpdt Switch (Fire-Lite CRF-300)	167.25	28.74
28 46 13 31-1923	EA	Six-Relay Control Module (Form-C Relays) (Fire-Lite CRF-300-6)	487.96	28.74
28 46 13 31-1924	EA	Module Isolates The SLC (DCL) Loop From Short Circuit Conditions (Fire-Lite I300)	90.92	14.37
28 46 13 31-1925	EA	Six-Fault Isolator Module (Fire-Lite ISO-6)	436.71	28.74
28 46 13 31-1926	EA	Dual Monitor Module (Fire-Lite MDF-300)	204.42	28.74
28 46 13 31-1927	EA	Addressable Monitor Module For One Zone Of Normally-Open Dry-Contact Initiating Devices (Fire-Lite MMF-300)	90.66	14.37
28 46 13 31-1928	EA	Ten-Input Monitor Module (Fire-Lite MMF-300-10)	633.62	28.74
28 46 13 31-1929	EA	Miniature Version Of MMF-300 (Fire-Lite MMF-301)	119.68	22.99
28 46 13 31-1930	EA	Addressable Monitor Module For One Zone Of Conventional Two-Wire Detectors (Fire-Lite MMF-302)	171.05	28.74
28 46 13 31-1931	EA	Six-Zone Interface Module (Fire-Lite MMF-302-6)	626.62	28.74
28 46 13 31-1932	EA	Mount For Modules (Fire-Lite SMB500)	18.30	2.87
28 46 13 31-1933		**Addressable Control Panels** *(28 46 13 31-1873)*		
28 46 13 31-1934	EA	25 Point Intelligent Control (Fire Lite MS-25)	2,064.67	574.77
28 46 13 31-1935	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,287.32	574.77
28 46 13 31-1936	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,205.27	574.77
28 46 13 31-1937	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	4,756.46	574.77
28 46 13 31-1938	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,656.26	574.77
28 46 13 31-1939	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	687.13	
28 46 13 31-1940		**Silent Knight Fire Alarm** *(28 46 13 31-1146)*		
28 46 13 31-1941		**Addressable Fire Alarm Control Panel** *(28 46 13 31-1940)*		
28 46 13 31-1942	EA	Addressable Fire Alarm Control Panel (Silent Knight 6820)	2,600.65	287.38
28 46 13 31-1943		**Intelligent Addressable Fire Alarm Control Panel with Emergency Voice System** *(28 46 13 31-1940)*		
28 46 13 31-1944	EA	Intelligent Fire Alarm Control Panel with Emergency Voice System (Silent Knight 6820EVS)	5,087.07	287.38
28 46 13 31-1945		**Compatable EVS Equipment** *(28 46 13 31-1940)*		
28 46 13 31-1946	EA	50 Watt Amplifier (Silent Knight EVS-50W)	927.35	57.48
28 46 13 31-1947	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,631.31	57.48
28 46 13 31-1948	EA	50/100 Watt Amplifier (Silent Knight EVS-100W)	2,029.56	57.48
28 46 13 31-1949	EA	External Backup Amplifier (Silent Knight EVS-100WBU)	708.52	57.48
28 46 13 31-1950	EA	50 Watt Internal Amplifier (Silent Knight EVS-INT50W)	665.80	57.48
28 46 13 31-1951	EA	4 Additional Audio Circuits (Silent Knight EVS-CE4)	243.17	14.37
28 46 13 31-1952	EA	Remote Voice Module (Silent Knight EVS-RVM)	1,089.36	22.99
28 46 13 31-1953	EA	24 Switch Expander (Silent Knight EVS-SW24)	429.68	28.74
28 46 13 31-1954	EA	Network Voice Control Module (Silent Knight EVS-VCM)	1,304.41	22.99
28 46 13 31-1955	EA	Local Operator Consoule (Silent Knight EVS-LOC)	1,752.93	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1956		**Compatable SBUS Devices** *(28 46 13 31-1940)*		
28 46 13 31-1957	EA	4x40 LCD Remote Fire Annunciator With Four Programmable Buttons, Red (Silent Knight 6860)	1,047.15	57.48
28 46 13 31-1958	EA	4x20 LCD Remote Fire Annunciator, Gray (Silent Knight 5860)	466.00	57.48
28 46 13 31-1959	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 5860R)	556.27	57.48
28 46 13 31-1960	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 6855)	363.68	57.48
28 46 13 31-1961	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) (Silent Knight 5865-3)	469.39	57.48
28 46 13 31-1962	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) With Key Switches For Silence And Reset, And A System Trouble Led (Silent Knight 5865-4)	496.54	57.48
28 46 13 31-1963	EA	LED I/O Module With 40 Programmable LED Outputs And Eight Supervised Dry Contact Inputs (Silent Knight 5880)	388.10	43.11
28 46 13 31-1964	EA	Relay Interface. Provides 10 Form C Relays (Silent Knight 5883)	235.11	28.74
28 46 13 31-1965	EA	Serial/Parallel Printer Interface Module For Printer Connection (Silent Knight 5824)	319.54	28.74
28 46 13 31-1966		**SK Compatible Addressable Device** *(28 46 13 31-1940)*		
28 46 13 31-1967	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature (Silent Knight SK-ACCLIMATE)	163.38	43.11
28 46 13 31-1968	EA	Reflected Beam Smoke Detector Without Test Feature (Silent Knight SK-BEAM)	959.14	43.11
28 46 13 31-1969	EA	Reflected Beam Smoke Detector With Test Feature (Silent Knight SK-BEAM-T)	1,088.17	43.11
28 46 13 31-1970	EA	Reflected Beam Smoke Detector, SK Protocol (Silent Knight OSI-RI-SK)	1,228.09	43.11
28 46 13 31-1971	EA	Supervised Control Module (Silent Knight SK-CONTROL)	161.68	43.11
28 46 13 31-1972	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	495.42	57.48
28 46 13 31-1973	EA	Photoelectric Duct Smoke Detector With Extended Air Speed Range (Silent Knight SK-DUCT)	266.34	43.11
28 46 13 31-1974	EA	Four Criteria Fire And Carbon Monoxide Detector (Silent Knight SK-FIRE-CO)	239.74	43.11
28 46 13 31-1975	EA	Four Criteria Fire And Carbon Monoxide Detector, White (Silent Knight SK-FIRE-CO-W)	268.48	43.11
28 46 13 31-1976	EA	Fixed Thermal Detector (135°F) (Silent Knight SK-HEAT)	147.97	43.11
28 46 13 31-1977	EA	Fixed Thermal Detector (135°F), White (Silent Knight SK-HEAT-W)	152.34	43.11
28 46 13 31-1978	EA	Fixed Rate Of Rise Detector (Silent Knight SK-HEAT-ROR)	149.69	43.11
28 46 13 31-1979	EA	Fixed Rate Of Rise Detector, White (Silent Knight SK-HEAT-ROR-W)	152.34	43.11
28 46 13 31-1980	EA	Fixed High Temperature Heat Detector (190°F) (Silent Knight SK-HEAT-HT)	147.97	43.11
28 46 13 31-1981	EA	Fixed High Temperature Heat Detector (190°F), White (Silent Knight SK-HEAT-HT-W)	152.34	43.11
28 46 13 31-1982	EA	Fault Isolator Module (Silent Knight SK-ISO)	147.97	43.11
28 46 13 31-1983	EA	Mini Monitor Module (Silent Knight SK-MINIMON)	135.95	43.11
28 46 13 31-1984	EA	Monitor Module (Silent Knight SK-MONITOR)	144.84	43.11
28 46 13 31-1985	EA	Dual Input Monitor Module (Silent Knight SK-MONITOR-2)	189.15	43.11
28 46 13 31-1986	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	559.93	57.48
28 46 13 31-1987	EA	Photoelectric Smoke Detector (Silent Knight SK-PHOTO)	151.40	43.11
28 46 13 31-1988	EA	Photoelectric Smoke Detector, White (Silent Knight SK-PHOTO-W)	160.40	43.11
28 46 13 31-1989	EA	Photoelectric Detector With Remote Test Capability (Silent Knight SK-PHOTO-R)	153.96	43.11
28 46 13 31-1990	EA	Photoelectric Detector With Remote Test Capability, White (Silent Knight SK-PHOTO-R-W)	163.09	43.11
28 46 13 31-1991	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F) (Silent Knight SK-PHOTO-T)	158.26	43.11
28 46 13 31-1992	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F), White (Silent Knight SK-PHOTO-T-W)	167.37	43.11
28 46 13 31-1993	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature, White (Silent Knight SK-PTIR-W)	178.11	43.11
28 46 13 31-1994	EA	Addressable Single Action Pull Station (Silent Knight SK-PULL-SA)	144.23	28.74
28 46 13 31-1995	EA	Addressable Dual Action Pull Station (Silent Knight SK-PULL-DA)	144.23	28.74
28 46 13 31-1996	EA	Addressable Relay Module (Silent Knight SK-RELAY)	132.95	28.74
28 46 13 31-1997	EA	Addressable Six Relay Control Module (Silent Knight SK-RELAY-6)	482.18	57.48
28 46 13 31-1998	EA	Addressable Dual Relay/Monitor Module (Silent Knight SK-RELAYMON-2)	300.64	43.11
28 46 13 31-1999	EA	Addressable Zone Interface Module (Silent Knight SK-ZONE)	175.42	43.11
28 46 13 31-2000	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	583.10	57.48
28 46 13 31-2001		**SK Bases** *(28 46 13 31-1940)*		
28 46 13 31-2002	EA	6" Mounting Base (Silent Knight B210LP)	42.89	14.37
28 46 13 31-2003	EA	4" Flangeless Mounting Base (Silent Knight B501)	45.75	14.37
28 46 13 31-2004	EA	Intelligent Sounder Base (Silent Knight B200S)	90.48	14.37
28 46 13 31-2005	EA	Low-Frequency Intelligent Sounder Base (Silent Knight B200-LF)	126.53	14.37
28 46 13 31-2006	EA	Relay Base (Silent Knight B224RB)	74.04	14.37
28 46 13 31-2007	EA	Isolator Base (Silent Knight B224BI)	73.16	14.37
28 46 13 31-2008		**SD Compatible Addressable Device** *(28 46 13 31-1940)*		
28 46 13 31-2009	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	41.08	14.37
28 46 13 31-2010	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	56.16	14.37
28 46 13 31-2011	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	157.01	14.37
28 46 13 31-2012	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	162.66	14.37
28 46 13 31-2013	EA	Addressable Input Module (Silent Knight SD500-AIM)	259.03	43.11
28 46 13 31-2014	EA	Addressable Notification Module (Silent Knight SD500-ANM)	247.48	43.11
28 46 13 31-2015	EA	Addressable Relay Module (Silent Knight SD500-ARM)	267.45	43.11
28 46 13 31-2016		**System Expanders** *(28 46 13 31-1940)*		
28 46 13 31-2017	EA	SLC Expander For IDP Or SK Devices (Silent Knight 6815)	554.67	57.48
28 46 13 31-2018	EA	SLC Expander For SD Devices (Silent Knight 5815XL)	488.05	57.48
28 46 13 31-2019	EA	6A Power Supply With 6 Flexput Circuits And 2 Form C Relays (Silent Knight RPS-1000)	877.98	28.74
28 46 13 31-2020	EA	6 AMP NAC Power Expander With 4 Power-Limited Output Ckts (Silent Knight 5496)	604.90	86.21
28 46 13 31-2021		**Miscellaneous Accessories** *(28 46 13 31-1940)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2022	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	144.96	28.74
28 46 13 31-2023		**Silent Knight Fire Alarm** *(28 46 13 31-1146)*		
28 46 13 31-2024	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,502.31	287.38
28 46 13 31-2025	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,261.64	172.43
28 46 13 31-2026	EA	Voice Evacuation System (Silent Knight SKE-450)	2,738.87	114.95
28 46 13 31-2027	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	2,264.19	114.95
28 46 13 31-2028	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	2,393.06	172.43
28 46 13 31-2029	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,712.66	114.95
28 46 13 31-2030	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	1,298.03	114.95
28 46 13 31-2031	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	1,112.76	114.95
28 46 13 31-2032	EA	Ionization Smoke Detector (Silent Knight SK-ION)	205.68	43.11
28 46 13 31-2033	EA	Sounder Base (Silent Knight B200SR)	119.85	14.37
28 46 13 31-2034	EA	Intelligent Sounder Base (Silent Knight B200S)	127.25	14.37
28 46 13 31-2035	EA	Isolator Base (Silent Knight B224BI)	98.94	14.37
28 46 13 31-2036	EA	Relay Base (Silent Knight B224RB)	100.15	14.37
28 46 13 31-2037	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	200.95	43.11
28 46 13 31-2038	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	182.84	43.11
28 46 13 31-2039	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	187.17	43.11
28 46 13 31-2040	EA	6" Isolator Base (Silent Knight SD505-6IB)	126.03	14.37
28 46 13 31-2041	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	838.01	86.21
28 46 13 31-2042	EA	Loop Isolation Module (Silent Knight SD500-LIM)	194.57	43.11
28 46 13 31-2043	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	154.77	28.74
28 46 13 31-2044	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	202.15	28.74
28 46 13 31-2045	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	192.66	28.74
28 46 13 31-2046	EA	Back Box (Silent Knight SK-PSSMBB)	85.69	22.99
28 46 13 31-2047	EA	Smoke Detector Module (Silent Knight SD500-SDM)	219.01	43.11
28 46 13 31-2048	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	323.21	43.11
28 46 13 31-2049	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	477.39	43.11
28 46 13 31-2050	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	192.11	43.11
28 46 13 31-2051	EA	Intelligent Power Module (Silent Knight 5895XL)	1,211.11	114.95
28 46 13 31-2052	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	192.66	28.74
28 46 13 31-2053	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	675.60	86.21
28 46 13 31-2054	EA	Communicator (Silent Knight IPGSM-4G)	1,020.84	57.48
28 46 13 31-2055	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,606.43	114.95
28 46 13 31-2056	EA	10 Zone Expander (Silent Knight SK-5217)	450.98	28.74
28 46 13 31-2057	EA	Remote Annunciator (Silent Knight SK-5235)	443.63	57.48
28 46 13 31-2058	EA	Status Display Module (Silent Knight 5280)	125.22	28.74
28 46 13 31-2059	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	900.05	114.95
28 46 13 31-2060	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	918.34	114.95
28 46 13 31-2061	EA	Dress Panel (Silent Knight SK-DP2/4)	168.30	28.74
28 46 13 31-2062	EA	Class A Convertor (Silent Knight SK-CAC4)	447.30	43.11
28 46 13 31-2063	EA	Transmitter Module (Silent Knight SK-4XTM	230.88	43.11
28 46 13 31-2064	EA	LED Interface Module (Silent Knight SK-4XLM	211.90	43.11
28 46 13 31-2065	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	221.12	28.74
28 46 13 31-2066	EA	Remote Annunciator (Silent Knight SK-RZA4)	211.90	43.11
28 46 13 31-2067	EA	Zone Relay Module (Silent Knight SK-4XZM)	228.50	43.11
28 46 13 31-2068	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	774.24	114.95
28 46 13 31-2069	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	103.40	28.74
28 46 13 31-2070	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	112.56	28.74
28 46 13 31-2071	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	109.99	28.74
28 46 13 31-2072	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	97.42	28.74
28 46 13 31-2073	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	225.50	34.49
28 46 13 31-2074	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	789.97	86.21
28 46 13 31-2075	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	890.61	86.21
28 46 13 31-2076	EA	Detector (Silent Knight IDP-PhotoR)	268.73	43.11
28 46 13 31-2077	EA	Monitoring Module (Silent Knight IDP)	278.34	43.11
28 46 13 31-2078	EA	I/O Input-Output Module (Silent Knight SK-2880)	729.94	28.74
28 46 13 31-2079	EA	Remote Annunciator (Silent Knight RA-2000)	2,093.73	86.21
28 46 13 31-2080	EA	Power Supply (Silent Knight 5195/96)	1,306.32	28.74
28 46 13 31-2081	EA	8 Zone Expander (Silent Knight SK-5210)	1,018.13	28.74
28 46 13 31-2082	EA	LCD Remote Annunciator (Silent Knight SK-5230)	420.48	57.48
28 46 13 31-2083	EA	Ionization Smoke Detector (Silent Knight SK-ION)	205.68	43.11
28 46 13 31-2084	EA	Addressable Relay Module (Silent Knight IDP-Relay)	230.31	43.11
28 46 13 31-2085	EA	Telephone Line Monitor (Silent Knight SK-7150)	143.94	28.74
28 46 13 31-2086	EA	Serial Driver Board (Silent Knight SK-2884)	270.74	28.74
28 46 13 31-2087	EA	Smoke Detector Base (Silent Knight IDP-6AB)	76.77	14.37
28 46 13 31-2088	EA	Mini Input Module (Silent Knight IDP-MINIMON)	201.58	28.74
28 46 13 31-2089	EA	Status Display Module (Silent Knight SK-4180)	749.15	28.74
28 46 13 31-2090	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	441.74	28.74
28 46 13 31-2091	EA	Serial Parallel Module (Silent Knight SK-4824)	403.31	28.74
28 46 13 31-2092	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,498.46	28.74
28 46 13 31-2093	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	2,535.46	114.95
28 46 13 31-2094	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	278.34	43.11
28 46 13 31-2095	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	230.31	43.11
28 46 13 31-2096		**Alerton Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2097	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	614.49	8.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2098		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2099	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	198.21	28.74
28 46 13 31-2100	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,684.87	48.85
28 46 13 31-2101	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	6,184.48	48.85
28 46 13 31-2102	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,242.74	57.48
28 46 13 31-2103	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,256.07	57.48
28 46 13 31-2104	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,256.07	57.48
28 46 13 31-2105	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,666.22	57.48
28 46 13 31-2106	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,666.22	57.48
28 46 13 31-2107	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,666.22	57.48
28 46 13 31-2108	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,256.07	57.48
28 46 13 31-2109	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,256.07	57.48
28 46 13 31-2110	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,256.07	57.48
28 46 13 31-2111	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,256.07	57.48
28 46 13 31-2112	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,256.07	57.48
28 46 13 31-2113	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,600.98	57.48
28 46 13 31-2114	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,414.36	57.48
28 46 13 31-2115	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,414.36	57.48
28 46 13 31-2116	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,414.36	57.48
28 46 13 31-2117		**Light Engineered Displays Message Boards** *(28 46 13 31)*		
28 46 13 31-2118	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS)	959.94	34.49
28 46 13 31-2119	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4)	845.26	34.49
28 46 13 31-2120		**Safety Technology International Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2121		**Enclosures** *(28 46 13 31-2120)*		
28 46 13 31-2122	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O)	148.02	17.24
28 46 13 31-2123	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W)	193.64	17.24
28 46 13 31-2124	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O)	151.06	17.24
28 46 13 31-2125	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W)	194.65	17.24
28 46 13 31-2126	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O)	155.12	17.24
28 46 13 31-2127	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W)	225.06	17.24
28 46 13 31-2128	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O)	162.21	17.24
28 46 13 31-2129	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W)	224.05	17.24
28 46 13 31-2130	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O)	174.38	17.24
28 46 13 31-2131	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W)	243.31	17.24
28 46 13 31-2132	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O)	207.83	17.24
28 46 13 31-2133	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W)	316.29	17.24
28 46 13 31-2134	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O)	224.05	17.24
28 46 13 31-2135	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W)	399.41	17.24
28 46 13 31-2136	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O)	238.24	17.24
28 46 13 31-2137	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W)	411.58	17.24
28 46 13 31-2138	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O)	283.85	17.24
28 46 13 31-2139	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W)	422.73	17.24
28 46 13 31-2140	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O)	411.58	17.24
28 46 13 31-2141	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W)	612.28	17.24
28 46 13 31-2142	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	109.50	17.24
28 46 13 31-2143	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	119.64	17.24
28 46 13 31-2144	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	114.06	17.24
28 46 13 31-2145	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	122.68	17.24
28 46 13 31-2146	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	118.12	17.24
28 46 13 31-2147	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	128.25	17.24
28 46 13 31-2148	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	119.64	17.24
28 46 13 31-2149	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	140.42	17.24
28 46 13 31-2150	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	125.72	17.24
28 46 13 31-2151	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	144.47	17.24
28 46 13 31-2152	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	131.30	17.24
28 46 13 31-2153	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	147.01	17.24
28 46 13 31-2154	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	132.82	17.24
28 46 13 31-2155	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	152.08	17.24
28 46 13 31-2156	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	156.13	17.24
28 46 13 31-2157	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	194.65	17.24
28 46 13 31-2158	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	172.35	17.24
28 46 13 31-2159	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	233.17	17.24
28 46 13 31-2160	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	191.61	17.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2161	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	250.40	17.24
28 46 13 31-2162	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	217.96	17.24
28 46 13 31-2163	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	293.99	17.24
28 46 13 31-2164	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	348.73	17.24
28 46 13 31-2165	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	364.95	17.24
28 46 13 31-2166	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	527.13	17.24
28 46 13 31-2167	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	611.27	17.24
28 46 13 31-2168		**STI® Fire Alarm Devices** *(28 46 13 31-2120)*		
28 46 13 31-2169	EA	Pull Station Polycarbonate Cover, Semi-Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	177.92	17.24
28 46 13 31-2170	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	194.65	17.24
28 46 13 31-2171	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	112.80	17.24
28 46 13 31-2172	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	113.81	17.24
28 46 13 31-2173	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	100.63	17.24
28 46 13 31-2174	EA	Strobe Damage Stopper And Open Back Box With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	113.81	17.24
28 46 13 31-2175	EA	Strobe Damage Stopper And Open Back Box, Semi-Flush (STI-1221E)	90.75	17.24
28 46 13 31-2176	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	219.99	17.24
28 46 13 31-2177	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	144.98	17.24
28 46 13 31-2178	EA	Backplate For Polycarbonate Cover (STI-1280)	66.52	17.24
28 46 13 31-2179	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	46.65	17.24
28 46 13 31-2180	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	67.64	17.24
28 46 13 31-2181	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	162.72	17.24
28 46 13 31-2182	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	133.83	17.24
28 46 13 31-2183	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	97.34	17.24
28 46 13 31-2184	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	91.76	17.24
28 46 13 31-2185	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	88.47	17.24
28 46 13 31-2186	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	91.76	17.24
28 46 13 31-2187	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	88.47	17.24
28 46 13 31-2188	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	91.76	17.24
28 46 13 31-2189	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	88.47	17.24
28 46 13 31-2190	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	178.94	17.24
28 46 13 31-2191	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	81.83	17.24
28 46 13 31-2192	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	106.14	17.24
28 46 13 31-2193	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	127.24	17.24
28 46 13 31-2194	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	127.24	17.24
28 46 13 31-2195	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	90.75	17.24
28 46 13 31-2196	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	90.75	17.24
28 46 13 31-2197	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	81.83	17.24
28 46 13 31-2198	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	90.75	17.24
28 46 13 31-2199	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	90.75	17.24
28 46 13 31-2200	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	131.79	8.62
28 46 13 31-2201	EA	Gasket Kit For STI Covers (STI SUB-121)	53.51	
28 46 13 31-2202	EA	Stopper II® With Horn Flush Mount, Custom Label (STI STI-1100CR)	189.48	28.74
28 46 13 31-2203	EA	Smoke Detector Guard, Stainless Steel, Surface Mounting, Open Back, 9-1/4" Width, 5" Depth (STI STI-8230-SS)	226.57	17.24
28 46 13 31-2204	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	233.17	17.24
28 46 13 31-2205	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	125.21	17.24
28 46 13 31-2206	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	125.21	17.24
28 46 13 31-2207	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	233.17	17.24
28 46 13 31-2208	EA	Flush Mounted, Weather Stopper II (STI-1250)	135.10	17.24
28 46 13 31-2209	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	88.47	17.24
28 46 13 31-2210	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	154.61	17.24
28 46 13 31-2211	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	107.47	17.24
28 46 13 31-2212	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	117.61	17.24
28 46 13 31-2213	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	128.25	17.24
28 46 13 31-2214	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	128.25	17.24
28 46 13 31-2215	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	173.36	17.24
28 46 13 31-2216	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	183.50	17.24
28 46 13 31-2217	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	218.98	17.24
28 46 13 31-2218	EA	Stopper II, Weather Gasket (STI-3002)	45.59	17.24
28 46 13 31-2219	EA	Large, Break Glass Stopper (STI-4100)	127.24	17.24
28 46 13 31-2220	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	122.68	17.24
28 46 13 31-2221	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	118.37	17.24
28 46 13 31-2222	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	322.37	17.24
28 46 13 31-2223	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	4,555.46	17.24
28 46 13 31-2224	EA	Stainless Steel Guard (STI-9604SS)	84.16	17.24
28 46 13 31-2225	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	75.29	17.24
28 46 13 31-2226		**System Sensor Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2227		**Smoke Detectors** *(28 46 13 31-2226)*		
28 46 13 31-2228	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	62.41	5.75
28 46 13 31-2229	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	266.65	5.75
28 46 13 31-2230	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	314.03	57.48
28 46 13 31-2231	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	226.50	57.48
28 46 13 31-2232	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	181.88	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2233	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	202.17	43.11
28 46 13 31-2234	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	169.45	43.11
28 46 13 31-2235	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	214.66	43.11
28 46 13 31-2236	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	206.18	43.11
28 46 13 31-2237	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	180.89	43.11
28 46 13 31-2238	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	220.90	43.11
28 46 13 31-2239	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	266.16	43.11
28 46 13 31-2240	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	154.12	28.74
28 46 13 31-2241	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	177.45	28.74
28 46 13 31-2242	EA	Heavy-Duty Multi-Mount Kit (System Sensor 6500-MMK)	305.62	14.37
28 46 13 31-2243	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy-Duty Multi-Mount Kit (System Sensor 6500-SMK)	102.25	14.37
28 46 13 31-2244	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	194.03	43.11
28 46 13 31-2245		**Duct Smoke Detectors** *(28 46 13 31-2226)*		
28 46 13 31-2246	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	385.98	43.11
28 46 13 31-2247	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	382.54	43.11
28 46 13 31-2248	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	503.88	48.85
28 46 13 31-2249	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	251.99	28.74
28 46 13 31-2250	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	68.15	8.62
28 46 13 31-2251	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	216.46	22.99
28 46 13 31-2252	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	353.81	28.74
28 46 13 31-2253	EA	1' Steel Sampling Tube (System Sensor DST1)	37.75	11.50
28 46 13 31-2254	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	41.64	11.50
28 46 13 31-2255	EA	3' Steel Sampling Tube (System Sensor DST3)	47.53	11.50
28 46 13 31-2256	EA	5' Steel Sampling Tube (System Sensor DST5)	65.31	14.37
28 46 13 31-2257	EA	10' Steel Sampling Tube (System Sensor DST10)	91.58	17.24
28 46 13 31-2258	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	43.24	11.50
28 46 13 31-2259	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	101.97	14.37
28 46 13 31-2260	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	229.40	
28 46 13 31-2261	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	246.56	
28 46 13 31-2262		**Heat Detectors** *(28 46 13 31-2226)*		
28 46 13 31-2263	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	123.67	43.11
28 46 13 31-2264	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	113.33	43.11
28 46 13 31-2265	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	133.69	43.11
28 46 13 31-2266	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	133.69	43.11
28 46 13 31-2267	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	145.98	43.11
28 46 13 31-2268	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	145.98	43.11
28 46 13 31-2269		**Horns** *(28 46 13 31-2226)*		
28 46 13 31-2270	EA	Red, Mini Horn (System Sensor MHR)	122.54	43.11
28 46 13 31-2271	EA	White, Mini Horn (System Sensor MHW)	122.54	43.11
28 46 13 31-2272	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	124.31	43.11
28 46 13 31-2273	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	157.55	48.85
28 46 13 31-2274	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	124.31	43.11
28 46 13 31-2275	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	202.17	43.11
28 46 13 31-2276	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	124.88	43.11
28 46 13 31-2277	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	124.88	43.11
28 46 13 31-2278		**Wall Mounted Horns/Strobes** *(28 46 13 31-2226)*		
28 46 13 31-2279	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	172.02	43.11
28 46 13 31-2280	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	222.84	43.11
28 46 13 31-2281	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	257.89	48.85
28 46 13 31-2282	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	251.60	48.85
28 46 13 31-2283	EA	Outdoor Back Box, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	263.90	48.85
28 46 13 31-2284	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	257.03	48.85
28 46 13 31-2285	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	243.59	48.85
28 46 13 31-2286	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	211.78	43.11
28 46 13 31-2287	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	168.02	43.11
28 46 13 31-2288	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	172.02	43.11
28 46 13 31-2289	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	224.51	43.11
28 46 13 31-2290	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	249.31	48.85
28 46 13 31-2291	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	251.60	48.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2292	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	222.84	43.11
28 46 13 31-2293	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	265.61	48.85
28 46 13 31-2294	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	243.59	48.85
28 46 13 31-2295	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	167.16	43.11
28 46 13 31-2296	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	208.06	43.11
28 46 13 31-2297	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	266.39	43.11
28 46 13 31-2298	EA	Outdoor Back Box, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	308.22	48.85
28 46 13 31-2299	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	237.87	48.85
28 46 13 31-2300	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	208.06	43.11
28 46 13 31-2301	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	284.33	48.85
28 46 13 31-2302	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	252.17	48.85
28 46 13 31-2303	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF)	257.83	43.11
28 46 13 31-2304	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF)	257.83	43.11
28 46 13 31-2305	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL)	171.45	43.11
28 46 13 31-2306	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL)	171.45	43.11

28 46 13 31-2307 Ceiling Mounted Horns/Strobes *(28 46 13 31-2226)*

28 46 13 31-2308	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	174.88	43.11
28 46 13 31-2309	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	226.17	43.11
28 46 13 31-2310	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	249.31	48.85
28 46 13 31-2311	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	241.87	48.85
28 46 13 31-2312	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	214.51	43.11
28 46 13 31-2313	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	174.88	43.11
28 46 13 31-2314	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	226.17	43.11
28 46 13 31-2315	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	249.31	48.85
28 46 13 31-2316	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	226.17	43.11
28 46 13 31-2317	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	241.87	48.85
28 46 13 31-2318	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	212.84	43.11
28 46 13 31-2319	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	209.49	43.11
28 46 13 31-2320	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	266.39	43.11
28 46 13 31-2321	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	209.49	43.11

28 46 13 31-2322 Wall Mounted Strobes *(28 46 13 31-2226)*

28 46 13 31-2323	EA	White Strobe Expander Plate Back Box Skirt (System Sensor SEP-BBSW)	80.11	14.37
28 46 13 31-2324	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	157.17	14.37
28 46 13 31-2325	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	154.57	43.11
28 46 13 31-2326	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	220.01	43.11
28 46 13 31-2327	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	270.76	48.85
28 46 13 31-2328	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	267.19	48.85
28 46 13 31-2329	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	222.99	48.85
28 46 13 31-2330	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	194.96	48.85
28 46 13 31-2331	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	153.14	43.11
28 46 13 31-2332	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	154.00	43.11
28 46 13 31-2333	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	167.44	43.11
28 46 13 31-2334	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	201.18	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2335	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	211.18	43.11
28 46 13 31-2336	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	209.51	43.11
28 46 13 31-2337	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	209.51	43.11
28 46 13 31-2338	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	226.43	48.85
28 46 13 31-2339	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	223.85	48.85
28 46 13 31-2340	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	225.85	48.85
28 46 13 31-2341	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	226.01	48.85
28 46 13 31-2342	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	221.56	48.85
28 46 13 31-2343	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	222.71	48.85
28 46 13 31-2344	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	152.86	43.11
28 46 13 31-2345	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	27.23	5.75
28 46 13 31-2346	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	27.23	5.75
28 46 13 31-2347	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	27.23	5.75
28 46 13 31-2348	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	27.23	5.75
28 46 13 31-2349	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL)	156.86	43.11
28 46 13 31-2350	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL)	153.71	43.11
28 46 13 31-2351	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2)	27.23	5.75
28 46 13 31-2352	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2)	27.23	5.75
28 46 13 31-2353	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2)	27.23	5.75
28 46 13 31-2354	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2)	27.23	5.75
28 46 13 31-2355	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR)	232.72	43.11
28 46 13 31-2356	EA	White, 8 Multi-tone, 12 VDC,1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW)	232.72	43.11

28 46 13 31-2357 Ceiling Mounted Strobes *(28 46 13 31-2226)*

28 46 13 31-2358	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	157.72	43.11
28 46 13 31-2359	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	223.58	43.11
28 46 13 31-2360	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	270.76	48.85
28 46 13 31-2361	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	270.76	48.85
28 46 13 31-2362	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	157.72	43.11
28 46 13 31-2363	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	169.16	43.11
28 46 13 31-2364	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	214.51	43.11
28 46 13 31-2365	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	223.85	48.85
28 46 13 31-2366	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	221.56	48.85
28 46 13 31-2367	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	189.52	43.11
28 46 13 31-2368	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	27.23	5.75
28 46 13 31-2369	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	27.23	5.75
28 46 13 31-2370	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	27.23	5.75
28 46 13 31-2371	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	27.23	5.75

28 46 13 31-2372 Wall Mounted Speakers *(28 46 13 31-2226)*

28 46 13 31-2373	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	419.16	43.11
28 46 13 31-2374	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	131.40	43.11
28 46 13 31-2375	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	214.93	43.11
28 46 13 31-2376	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	176.66	48.85
28 46 13 31-2377	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	175.41	43.11
28 46 13 31-2378	EA	White, Wall Mounted Speaker (System Sensor SPWL)	131.40	43.11
28 46 13 31-2379	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	225.28	48.85
28 46 13 31-2380	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	149.02	43.11

28 46 13 31-2381 Ceiling Mounted Speakers *(28 46 13 31-2226)*

28 46 13 31-2382	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	128.26	43.11
28 46 13 31-2383	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	247.66	43.11
28 46 13 31-2384	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	175.41	43.11
28 46 13 31-2385	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	130.83	43.11
28 46 13 31-2386	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	169.52	43.11
28 46 13 31-2387	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	226.43	48.85

28 46 13 31-2388 Wall Mounted Speakers/Strobes *(28 46 13 31-2226)*

28 46 13 31-2389	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	155.17	14.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2390	EA	White Speaker Strobe Expander Plate Back Box Skirt (System Sensor SPSEP-BBSWL)	76.68	14.37
28 46 13 31-2391	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	217.79	43.11
28 46 13 31-2392	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	287.80	43.11
28 46 13 31-2393	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	390.29	48.85
28 46 13 31-2394	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	314.53	48.85
28 46 13 31-2395	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	267.04	48.85
28 46 13 31-2396	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	215.21	43.11
28 46 13 31-2397	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	277.10	43.11
28 46 13 31-2398	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	218.93	43.11
28 46 13 31-2399	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	318.53	48.85
28 46 13 31-2400	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	217.79	43.11
28 46 13 31-2401	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	274.50	43.11
28 46 13 31-2402	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	274.50	43.11
28 46 13 31-2403	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	329.97	48.85
28 46 13 31-2404	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	313.38	48.85
28 46 13 31-2405	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	214.07	43.11
28 46 13 31-2406	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	264.50	43.11
28 46 13 31-2407	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	264.50	43.11
28 46 13 31-2408	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT)	227.57	48.85

28 46 13 31-2409 Ceiling Mounted Speakers/Strobes *(28 46 13 31-2226)*

28 46 13 31-2410	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	202.34	43.11
28 46 13 31-2411	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	291.37	43.11
28 46 13 31-2412	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	277.10	43.11
28 46 13 31-2413	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	202.34	43.11
28 46 13 31-2414	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	216.64	43.11
28 46 13 31-2415	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	274.50	43.11
28 46 13 31-2416	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	331.69	48.85
28 46 13 31-2417	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	274.50	43.11
28 46 13 31-2418	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	319.10	48.85
28 46 13 31-2419	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	329.97	48.85
28 46 13 31-2420	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	202.34	43.11
28 46 13 31-2421	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	264.50	43.11
28 46 13 31-2422	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	274.50	43.11
28 46 13 31-2423	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	264.50	43.11
28 46 13 31-2424	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	274.26	43.11

28 46 13 31-2425 Electric Alarm Bells *(28 46 13 31-2226)*

28 46 13 31-2426	EA	6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6)	164.87	43.11
28 46 13 31-2427	EA	8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8)	178.89	43.11
28 46 13 31-2428	EA	10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10)	194.33	43.11
28 46 13 31-2429	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	181.19	43.68
28 46 13 31-2430	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	183.39	43.68
28 46 13 31-2431	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	197.27	43.68

28 46 13 31-2432 Device Bases *(28 46 13 31-2226)*

28 46 13 31-2433	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	132.00	14.37
28 46 13 31-2434	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	127.71	14.37
28 46 13 31-2435	EA	Intelligent Isolator Base (System Sensor B224BI)	104.54	14.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2436	EA	Intelligent Relay Base (System Sensor B224RB)	105.68	14.37
28 46 13 31-2437	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	64.44	14.37
28 46 13 31-2438	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV)	132.00	14.37
28 46 13 31-2439	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV)	127.71	14.37
28 46 13 31-2440	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF)	192.35	14.37
28 46 13 31-2441	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV)	192.35	14.37
28 46 13 31-2442	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH)	186.06	14.37
28 46 13 31-2443	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH)	145.04	14.37
28 46 13 31-2444	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH)	125.13	14.37
28 46 13 31-2445	EA	Intelligent Isolator Base, Ivory (System Sensor B224BI-IV)	104.54	14.37
28 46 13 31-2446	EA	Intelligent Isolator Base, White (System Sensor B224BI-WH)	97.68	14.37
28 46 13 31-2447	EA	Intelligent Relay Base, Ivory (System Sensor B224RB-IV)	105.68	14.37
28 46 13 31-2448	EA	Intelligent Relay Base, White (System Sensor B224RB-WH)	99.11	14.37
28 46 13 31-2449	EA	Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL)	64.44	14.37
28 46 13 31-2450	EA	Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV)	64.44	14.37
28 46 13 31-2451	EA	Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE)	57.00	14.37
28 46 13 31-2452	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF)	195.79	14.37
28 46 13 31-2453	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV)	195.79	14.37
28 46 13 31-2454	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH)	188.35	14.37
28 46 13 31-2455	EA	6" Intelligent Flanged Mounting Base (System Sensor B300-6)	50.19	14.37
28 46 13 31-2456	EA	6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV)	57.34	14.37
28 46 13 31-2457	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	56.23	14.37
28 46 13 31-2458	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	115.30	17.24

28 46 13 31-2459 Boxes, Plates And Decals *(28 46 13 31-2226)*

28 46 13 31-2460	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	57.57	14.37
28 46 13 31-2461	EA	Red, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBB)	88.58	14.37
28 46 13 31-2462	EA	White, Ceiling Mounted, Metal, Weatherproof Back Box (System Sensor MWBBCW)	96.82	14.37
28 46 13 31-2463	EA	White, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBBW)	88.58	14.37
28 46 13 31-2464	EA	Red Retrofit Plate (System Sensor RFP)	40.35	8.62
28 46 13 31-2465	EA	White Retrofit Plate (System Sensor RFPW)	40.01	8.62
28 46 13 31-2466	EA	Red, Wall Mounted, Weatherproof Back Box (System Sensor SA-WBB)	74.28	14.37
28 46 13 31-2467	EA	Red, Ceiling Mounted, Weatherproof Back Box (System Sensor SA-WBBC)	84.12	14.37
28 46 13 31-2468	EA	Red, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCRL)	58.26	14.37
28 46 13 31-2469	EA	White, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCWL)	58.26	14.37
28 46 13 31-2470	EA	Red, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBRL)	49.91	14.37
28 46 13 31-2471	EA	Red, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPRL)	56.20	14.37
28 46 13 31-2472	EA	White, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPWL)	56.20	14.37
28 46 13 31-2473	EA	White, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBWL)	49.91	14.37
28 46 13 31-2474	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	55.40	14.37
28 46 13 31-2475	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	50.19	14.37
28 46 13 31-2476	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	18.04	5.75
28 46 13 31-2477	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	27.46	
28 46 13 31-2478	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	38.40	
28 46 13 31-2479	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	27.46	
28 46 13 31-2480	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	38.40	
28 46 13 31-2481	EA	Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2)	20.13	5.75
28 46 13 31-2482	EA	White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W)	20.13	5.75
28 46 13 31-2483	EA	Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2)	20.13	5.75
28 46 13 31-2484	EA	White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W)	20.13	5.75
28 46 13 31-2485	EA	Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL)	49.91	14.37
28 46 13 31-2486	EA	White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL)	49.91	14.37
28 46 13 31-2487	EA	Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG)	24.66	5.75
28 46 13 31-2488	EA	Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL)	24.66	5.75
28 46 13 31-2489	EA	Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV)	24.66	5.75
28 46 13 31-2490	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	24.66	5.75
28 46 13 31-2491	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	24.66	5.75
28 46 13 31-2492	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	24.66	5.75
28 46 13 31-2493	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	24.66	5.75
28 46 13 31-2494	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	24.66	5.75
28 46 13 31-2495	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	24.66	5.75
28 46 13 31-2496	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	24.66	5.75
28 46 13 31-2497	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	24.66	5.75
28 46 13 31-2498	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	24.66	5.75
28 46 13 31-2499	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	27.06	5.75
28 46 13 31-2500	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	27.06	5.75
28 46 13 31-2501	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	27.06	5.75
28 46 13 31-2502	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	27.06	5.75
28 46 13 31-2503	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	27.06	5.75
28 46 13 31-2504	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	24.66	5.75
28 46 13 31-2505	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	24.66	5.75
28 46 13 31-2506	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	24.66	5.75
28 46 13 31-2507	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	24.66	5.75
28 46 13 31-2508	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	24.66	5.75
28 46 13 31-2509	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	24.66	5.75
28 46 13 31-2510	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	27.06	5.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2511	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	27.06	5.75
28 46 13 31-2512	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	27.06	5.75
28 46 13 31-2513	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	27.06	5.75
28 46 13 31-2514	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	27.06	5.75
28 46 13 31-2515	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	24.66	5.75
28 46 13 31-2516	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	24.66	5.75
28 46 13 31-2517	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	5.09	
28 46 13 31-2518	EA	Control Module Barrier (System Sensor CB500)	36.92	8.62
28 46 13 31-2519	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	33.83	8.62
28 46 13 31-2520	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	41.21	8.62
28 46 13 31-2521	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	159.11	8.62
28 46 13 31-2522	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	231.77	8.62
28 46 13 31-2523	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	231.77	8.62
28 46 13 31-2524	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	27.37	8.62
28 46 13 31-2525	EA	Black Faceplate (System Sensor FP-BLACK-BP)	26.54	8.62
28 46 13 31-2526	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	26.97	8.62
28 46 13 31-2527	EA	White Faceplate (System Sensor FP-WHITE-BP)	25.56	8.62
28 46 13 31-2528	EA	White, Back Box (System Sensor SMB500-WH)	47.22	14.37
28 46 13 31-2529	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	18.65	5.75
28 46 13 31-2530	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	27.00	5.75
28 46 13 31-2531	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	28.31	8.62
28 46 13 31-2532	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	24.66	5.75
28 46 13 31-2533	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	27.06	5.75
28 46 13 31-2534	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	27.06	5.75
28 46 13 31-2535	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	27.06	5.75
28 46 13 31-2536	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	27.06	5.75
28 46 13 31-2537	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	27.06	5.75
28 46 13 31-2538	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	24.66	5.75
28 46 13 31-2539	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	24.66	5.75
28 46 13 31-2540	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	24.66	5.75
28 46 13 31-2541	EA	L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	74.73	14.37
28 46 13 31-2542	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	150.31	14.37
28 46 13 31-2543		**Chimes** *(28 46 13 31-2226)*		
28 46 13 31-2544	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	153.31	43.11
28 46 13 31-2545	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	158.86	43.11
28 46 13 31-2546		**Chime/Strobes** *(28 46 13 31-2226)*		
28 46 13 31-2547	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	234.95	43.11
28 46 13 31-2548	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	234.95	43.11
28 46 13 31-2549	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	236.67	43.11
28 46 13 31-2550	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	236.67	43.11
28 46 13 31-2551		**Carbon Monoxide Detectors** *(28 46 13 31-2226)*		
28 46 13 31-2552	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	340.63	57.48
28 46 13 31-2553	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	232.66	43.11
28 46 13 31-2554	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	18.41	5.75
28 46 13 31-2555	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	352.80	43.11
28 46 13 31-2556	EA	12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	261.40	57.48
28 46 13 31-2557	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	365.38	43.11
28 46 13 31-2558		**Switches** *(28 46 13 31-2226)*		
28 46 13 31-2559	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	215.31	22.99
28 46 13 31-2560	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	241.06	22.99
28 46 13 31-2561	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	215.31	22.99
28 46 13 31-2562	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	241.06	22.99
28 46 13 31-2563	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	224.47	22.99
28 46 13 31-2564	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	209.59	22.99

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28 46 13 31-2565		**Low Frequency Sounders** *(28 46 13 31-2226)*		
28 46 13 31-2566	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	216.18	43.11
28 46 13 31-2567	EA	White, Low Frequency Sounder (System Sensor HW-LF)	216.18	43.11
28 46 13 31-2568	EA	Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	190.61	43.11
28 46 13 31-2569	EA	White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF)	190.61	43.11
28 46 13 31-2570	EA	Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	189.18	43.11
28 46 13 31-2571	EA	White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	189.18	43.11
28 46 13 31-2572		**Sync Modules** *(28 46 13 31-2226)*		
28 46 13 31-2573	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	169.03	28.74
28 46 13 31-2574	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	166.17	28.74
28 46 13 31-2575		**Relays** *(28 46 13 31-2226)*		
28 46 13 31-2576	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	94.26	22.99
28 46 13 31-2577	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	60.89	14.37
28 46 13 31-2578	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	183.20	14.37
28 46 13 31-2579	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	134.00	14.37
28 46 13 31-2580	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	101.93	22.99
28 46 13 31-2581	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	62.95	14.37
28 46 13 31-2582	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	206.66	14.37
28 46 13 31-2583	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	153.74	14.37
28 46 13 31-2584	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	52.54	14.37
28 46 13 31-2585	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	52.54	14.37
28 46 13 31-2586	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	52.54	14.37
28 46 13 31-2587		**Remote Annunciator** *(28 46 13 31-2226)*		
28 46 13 31-2588	EA	Remote Annunciator (System Sensor RA100Z)	122.25	43.11
28 46 13 31-2589	EA	Remote LED Annunciator (System Sensor RA100ZA)	118.51	43.11
28 46 13 31-2590	EA	Remote Annunciator With Piezo Alarm (System Sensor APA151)	150.11	43.11
28 46 13 31-2591		**Remote Test Station** *(28 46 13 31-2226)*		
28 46 13 31-2592	EA	Remote Test Station With Key (System Sensor RTS151KEY)	196.62	43.11
28 46 13 31-2593		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2594	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	768.61	57.48
28 46 13 31-2595		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2596		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2597	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	260.79	43.11
28 46 13 31-2598		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2599	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	260.79	43.11
28 46 13 31-2600	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	260.79	43.11
28 46 13 31-2601		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2602	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	166.48	43.11
28 46 13 31-2603	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	190.90	43.11
28 46 13 31-2604		**Wall Mounted Horns/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2605	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	170.21	43.11
28 46 13 31-2606	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	276.16	43.11
28 46 13 31-2607	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	230.95	43.11
28 46 13 31-2608	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	230.95	43.11
28 46 13 31-2609	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	261.17	43.11
28 46 13 31-2610	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	191.49	43.11
28 46 13 31-2611	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	189.29	43.11
28 46 13 31-2612	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	208.69	48.85
28 46 13 31-2613	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	169.34	43.11
28 46 13 31-2614	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	169.34	43.11
28 46 13 31-2615	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	188.42	43.11
28 46 13 31-2616	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	230.95	43.11
28 46 13 31-2617	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	230.95	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2618		**Ceiling Mounted Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2619	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	158.59	43.11
28 46 13 31-2620	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	158.59	43.11
28 46 13 31-2621	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	172.02	43.11
28 46 13 31-2622	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	152.01	43.11
28 46 13 31-2623	EA	White, 24 Volt DC, Amber Lens, Multi- Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	169.99	43.11
28 46 13 31-2624	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	171.53	43.11
28 46 13 31-2625	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCCH-FW)	172.19	43.11
28 46 13 31-2626	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	180.89	43.11
28 46 13 31-2627		**Wall Mounted Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2628	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	244.56	43.11
28 46 13 31-2629	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	195.00	43.11
28 46 13 31-2630	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	217.84	43.11
28 46 13 31-2631	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	156.83	43.11
28 46 13 31-2632	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	156.83	43.11
28 46 13 31-2633	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	168.24	43.11
28 46 13 31-2634	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	174.91	48.85
28 46 13 31-2635	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	153.10	43.11
28 46 13 31-2636	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	153.10	43.11
28 46 13 31-2637	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	183.59	43.11
28 46 13 31-2638	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	158.81	43.11
28 46 13 31-2639	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	196.11	48.85
28 46 13 31-2640	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	194.62	43.11
28 46 13 31-2641		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2642	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	195.00	43.11
28 46 13 31-2643	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	195.00	43.11
28 46 13 31-2644	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	195.00	43.11
28 46 13 31-2645	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	197.19	43.11
28 46 13 31-2646	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	209.47	43.11
28 46 13 31-2647	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	226.58	43.11
28 46 13 31-2648	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	226.58	43.11
28 46 13 31-2649	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	198.94	43.11
28 46 13 31-2650	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	219.50	43.11
28 46 13 31-2651	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	233.23	43.11
28 46 13 31-2652	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	246.96	43.11
28 46 13 31-2653		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2595)*		
28 46 13 31-2654	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	304.49	43.11
28 46 13 31-2655	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	304.49	43.11
28 46 13 31-2656	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	209.47	43.11
28 46 13 31-2657	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	209.47	43.11
28 46 13 31-2658	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	195.00	43.11
28 46 13 31-2659	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	191.49	43.11
28 46 13 31-2660	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	209.47	43.11
28 46 13 31-2661	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	209.47	43.11
28 46 13 31-2662	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	301.15	43.11
28 46 13 31-2663	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	197.19	43.11
28 46 13 31-2664	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	195.44	43.11
28 46 13 31-2665	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	293.66	43.11
28 46 13 31-2666	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	301.15	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2667	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	226.58	43.11
28 46 13 31-2668	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	226.58	43.11
28 46 13 31-2669	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	326.82	48.85
28 46 13 31-2670	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR)	178.77	43.11
28 46 13 31-2671	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW)	172.19	43.11
28 46 13 31-2672	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW)	233.23	43.11
28 46 13 31-2673	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	246.96	43.11
28 46 13 31-2674	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	252.11	43.11
28 46 13 31-2675	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW)	260.69	43.11
28 46 13 31-2676	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR)	266.99	43.11
28 46 13 31-2677	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR) Note: Requires IOB	262.98	43.11
28 46 13 31-2678	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) Note: Requires IOB	260.69	43.11

28 46 13 31-2679 Electric Alarm Bells *(28 46 13 31-2595)*

28 46 13 31-2680	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	189.73	43.11
28 46 13 31-2681	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	182.71	43.11
28 46 13 31-2682	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	229.65	43.11
28 46 13 31-2683	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R)	1,848.82	48.85
28 46 13 31-2684	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R)	2,992.83	48.85
28 46 13 31-2685	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R)	3,388.53	48.85
28 46 13 31-2686	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	150.03	43.11
28 46 13 31-2687	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	205.20	43.11
28 46 13 31-2688	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R)	152.67	43.11
28 46 13 31-2689	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R)	203.20	43.11

28 46 13 31-2690 Horns *(28 46 13 31-2595)*

28 46 13 31-2691	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R)	152.86	43.11
28 46 13 31-2692	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	125.34	43.11
28 46 13 31-2693	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	125.34	43.11
28 46 13 31-2694	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	126.30	43.11
28 46 13 31-2695	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	126.30	43.11
28 46 13 31-2696	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	110.07	43.11
28 46 13 31-2697	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	110.07	43.11
28 46 13 31-2698	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	126.30	43.11
28 46 13 31-2699	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R)	151.43	43.11

28 46 13 31-2700 Speakers *(28 46 13 31-2595)*

28 46 13 31-2701	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	129.11	43.11
28 46 13 31-2702	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	129.11	43.11
28 46 13 31-2703	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	129.11	43.11
28 46 13 31-2704	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	127.18	43.11
28 46 13 31-2705	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	129.11	43.11
28 46 13 31-2706	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	129.11	43.11
28 46 13 31-2707	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	129.11	43.11
28 46 13 31-2708	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	129.11	43.11
28 46 13 31-2709	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	150.25	43.11
28 46 13 31-2710	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	150.25	43.11
28 46 13 31-2711	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	152.01	43.11
28 46 13 31-2712	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	204.63	43.11
28 46 13 31-2713	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	184.61	43.11
28 46 13 31-2714	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S)	287.99	43.11
28 46 13 31-2715	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR)	287.99	43.11
28 46 13 31-2716	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R)	204.63	43.11
28 46 13 31-2717	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W)	206.92	43.11
28 46 13 31-2718	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R)	184.61	43.11
28 46 13 31-2719	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW)	275.57	43.11
28 46 13 31-2720	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25)	198.34	43.11

28 46 13 31-2721 Sync Modules *(28 46 13 31-2595)*

28 46 13 31-2722	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	187.45	28.74

28 46 13 31-2723 Boxes, Plates And Rings *(28 46 13 31-2595)*

28 46 13 31-2724	EA	4" Square, Red, Surface Back Box (Wheelock BB-R)	38.35	14.37
28 46 13 31-2725	EA	Standard 4" Square Box (Wheelock BB-STD)	37.66	14.37
28 46 13 31-2726	EA	Black, Back Box For UZC-256 (Wheelock BB-UZC)	242.26	28.74
28 46 13 31-2727	EA	Red, Back Box For UZC-256 (Wheelock BB-UZC-R)	242.26	28.74
28 46 13 31-2728	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	186.71	22.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2729	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	20.10	5.75
28 46 13 31-2730	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	20.10	5.75
28 46 13 31-2731	EA	Red, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-R)	48.74	14.37
28 46 13 31-2732	EA	White, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-W)	45.94	14.37
28 46 13 31-2733	EA	Red, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-R)	48.74	14.37
28 46 13 31-2734	EA	White, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-W)	48.74	14.37
28 46 13 31-2735	EA	4" Square Back Box (Wheelock DBB-R)	40.14	14.37
28 46 13 31-2736	EA	Red, Surface Back Box (Wheelock IOB-R)	46.90	14.37
28 46 13 31-2737	EA	White, Surface, Back Box (Wheelock IOB-W)	46.90	14.37
28 46 13 31-2738	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	19.18	5.75
28 46 13 31-2739	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	25.66	5.75
28 46 13 31-2740	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	25.66	5.75
28 46 13 31-2741	EA	Red Retrofit Plate (Wheelock RP-R)	22.90	5.75
28 46 13 31-2742	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	40.45	5.75
28 46 13 31-2743	EA	Red, Surface Mounted, Back Box For Chimes, Speakers (Wheelock SBB-R)	49.18	14.37
28 46 13 31-2744	EA	White, Surface Mounted, Back Box For Chimes, Speaker (Wheelock SBB-W)	49.80	14.37
28 46 13 31-2745	EA	Red, Surface Mounted, Back Box For With RSSP (Wheelock SBL2-R)	53.04	14.37
28 46 13 31-2746	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	26.91	5.75
28 46 13 31-2747	EA	White, Semi-Flush Plate (Wheelock SFB-W)	26.91	5.75
28 46 13 31-2748	EA	Red, Shallow Surface Mounted, Back Box (Wheelock SHBB-R)	43.08	14.37
28 46 13 31-2749	EA	White, Shallow Surface Mounted, Back Box (Wheelock SHBB-W)	43.08	14.37
28 46 13 31-2750	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	28.70	5.75
28 46 13 31-2751	EA	Red, Weather Resistant Back Box (Wheelock WBB-R)	48.39	14.37
28 46 13 31-2752	EA	Silver, Weather Resistant Back Box (Wheelock WBB-S)	48.39	14.37
28 46 13 31-2753	EA	White, Weather Resistant Back Box (Wheelock WBB-W)	48.39	14.37
28 46 13 31-2754	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	35.36	5.75
28 46 13 31-2755	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	35.36	5.75
28 46 13 31-2756	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	35.36	5.75
28 46 13 31-2757	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	35.36	5.75
28 46 13 31-2758	EA	Gasket Kit For Rear Wiring To Outdoor Back Box (Wheelock WP-KIT)	24.03	5.75
28 46 13 31-2759	EA	Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	59.86	14.37
28 46 13 31-2760	EA	Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	54.83	14.37
28 46 13 31-2761	EA	Red Plate For RSS (Wheelock RSSCP-R)	19.18	5.75
28 46 13 31-2762	EA	White Plate For RSS (Wheelock RSSCP-W)	19.18	5.75
28 46 13 31-2763	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR)	20.10	5.75
28 46 13 31-2764	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW)	20.10	5.75
28 46 13 31-2765	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R)	19.57	5.75
28 46 13 31-2766	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR)	148.80	5.75
28 46 13 31-2767	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	133.35	5.75
28 46 13 31-2768	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW)	131.06	5.75
28 46 13 31-2769	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW)	133.35	5.75
28 46 13 31-2770	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R)	22.20	5.75
28 46 13 31-2771	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	21.51	5.75
28 46 13 31-2772	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R)	22.71	5.75
28 46 13 31-2773	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	22.71	5.75
28 46 13 31-2774	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW)	21.51	5.75
28 46 13 31-2775	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR)	22.60	5.75
28 46 13 31-2776	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW)	22.60	5.75
28 46 13 31-2777	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R)	21.51	5.75
28 46 13 31-2778	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W)	21.51	5.75
28 46 13 31-2779	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R)	30.21	5.75
28 46 13 31-2780	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W)	30.55	5.75
28 46 13 31-2781	EA	Red, Semi-Flush, Plate (Wheelock SFP-R)	24.03	5.75
28 46 13 31-2782	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S)	22.71	5.75
28 46 13 31-2783	EA	White, Semi-Flush, Plate (Wheelock SFP-W)	24.03	5.75
28 46 13 31-2784	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	59.86	14.37
28 46 13 31-2785	EA	Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	54.83	14.37
28 46 13 31-2786	EA	White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	54.83	14.37

28 46 13 31-2787 Manual Pull Station *(28 46 13 31-2595)*

28 46 13 31-2788	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	134.82	28.74
28 46 13 31-2789	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	134.82	28.74
28 46 13 31-2790	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,225.35	28.74

28 46 13 31-2791 Potter Fire Alarm *(28 46 13 31)*

28 46 13 31-2792 Electric Alarm Bells *(28 46 13 31-2791)*

28 46 13 31-2793	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	126.29	43.11
28 46 13 31-2794	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	138.94	43.11
28 46 13 31-2795	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	145.27	43.11
28 46 13 31-2796	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	126.29	43.11
28 46 13 31-2797	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	138.94	43.11
28 46 13 31-2798	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	145.27	43.11
28 46 13 31-2799	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	137.03	43.11
28 46 13 31-2800	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	143.10	43.11
28 46 13 31-2801	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	178.89	43.11
28 46 13 31-2802	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	128.11	43.11
28 46 13 31-2803	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	143.10	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2804	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	155.64	43.11
28 46 13 31-2805		**Manual Pull Station** *(28 46 13 31-2791)*		
28 46 13 31-2806	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	93.36	28.74
28 46 13 31-2807	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	99.10	28.74
28 46 13 31-2808	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	163.79	28.74
28 46 13 31-2809	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	102.68	28.74
28 46 13 31-2810	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	96.61	28.74
28 46 13 31-2811	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	184.02	28.74
28 46 13 31-2812	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	232.27	28.74
28 46 13 31-2813		**Fire Alarm Terminal Cabinets** *(28 46 13 31)*		
28 46 13 31-2814	EA	18 Point Lockable Fire Alarm Terminal Cabinet	250.33	57.63
28 46 13 31-2815	EA	32 Point Lockable Fire Alarm Terminal Cabinet	331.40	57.63
28 46 13 31-2816	EA	64 Point Lockable Fire Alarm Terminal Cabinet	493.52	57.63
28 46 13 31-2817	EA	128 Point Lockable Fire Alarm Terminal Cabinet	655.60	57.63
28 46 13 31-2818		**Bosch Fire Alarm Equipment** *(28 46 13 31)*		
28 46 13 31-2819	EA	Fire (Red) Keypad (Bosch D1255RB)	431.48	57.63
28 46 13 31-2820	EA	Fire Alarm Communication Alarm Panel (Bosch D7412GV4)	981.68	230.50
28 46 13 31-2821	EA	Fire Alarm (Red) Enclosure (Bosch D8109)	252.53	43.22
28 46 13 31-2822	EA	Dual Phone Line Switcher (Bosch D928)	199.43	23.05
28 46 13 31-2823	EA	Phone Cords (Bosch D161/D162)	24.31	5.76
28 46 13 31-2824	EA	Dual battery Harness (Bosch D122)	29.28	5.76
28 46 13 31-2825	EA	Battery Charging Module (Bosch D8132)	242.66	23.05
28 46 13 31-2826	EA	7 AH, 12 Volt Battery (Bosch D126)	79.13	14.41
28 46 13 31-2827	EA	Transformer (Bosch D1640)	33.56	5.76
28 46 13 31-2828	EA	Transformer Kit (Bosch D8004)	112.49	11.53
28 46 13 31-2829	EA	Phone Jack, Modular (Bosch D166/RJ31X)	24.31	5.76
28 46 13 31-2830		**Test And Certification Of Fire Alarm System To Tie In To Existing Systems** *(28 46 13 31)*		
28 46 13 31-2831	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	912.42	
28 46 13 31-2832	HR	Test And Certification Of Fire Alarm System To Tie In To Existing Systems	285.13	
28 46 13 31-2833		**Programming Of Existing Fire Alarm System** *(28 46 13 31)*		
28 46 13 31-2834	HR	Fire Alarm Techanician For Programming Of Existing Fire Alarm System	228.10	
28 46 13 31-2835		**Removal And Reinstallation Of Smoke Detector** *(28 46 13 31)* Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2836	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	160.93	
28 46 13 31-2837	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	129.32	
28 46 13 31-2838		**Kidde Fire Safety Equipment** *(28 46 13 31)*		
28 46 13 31-2839		**Smoke Detectors** *(28 46 13 31-2838)*		
28 46 13 31-2840	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	156.99	43.11
28 46 13 31-2841	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	137.03	43.11
28 46 13 31-2842	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	129.75	43.11
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		**Protectowire Fire Alarm** *(28 46 31 11)*		
28 46 31 11-0002		**Linear Heat Detector Cable** *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.82	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	6.32	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	6.32	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	6.82	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	7.28	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	7.78	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	70.22	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	28.61	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	9.25	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	9.25	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	10.15	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	15.83	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	16.50	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.69	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	10.16	

28 46 41 Fire-Alarm Notification Appliances *(28 46)*

28 46 41 11 Audible Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm speakers.

28 46 41 31 Combination Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.

28 47 Mass Notification *(28 40)*

28 47 15 Mass Notification Control Panels *(28 47)*

28 47 15 00-0001 Central Station Controls *(28 47 15)*

28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	982.01	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,598.25	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	4,780.42	57.48
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	1,457.12	28.74
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	5,561.87	114.95
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	807.29	28.74
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	866.53	28.74

28 47 17 Notification Devices and Methods *(28 47)*

28 47 17 17 Notification Appliances and Methods Public Methods *(28 47 17)*

28 47 17 17-0001 Voice Capable Omni-Directional Speakers *(28 47 17 17)*

28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,487.24	741.12
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,527.21	773.35
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,529.38	805.57
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,531.56	837.79
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	25,609.34	870.01
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	30,766.47	902.24
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	33,806.43	934.45
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	37,463.92	966.68
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	40,466.09	998.91
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	43,506.06	1,031.12
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	29,632.28	902.24
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	31,575.86	934.45
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	536.88	28.74
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	2,225.04	28.74
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	2,225.04	28.74
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	2,010.81	28.74
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	1,947.80	28.74
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	495.69	28.74
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	636.42	28.74
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	661.59	28.74
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	3,172.00	28.74
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	2,439.28	28.74
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	2,439.28	28.74
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	2,439.28	28.74
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	866.53	28.74
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	599.01	28.74
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	406.45	28.74
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	306.90	28.74
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-up Charge Per Message) (Whelen MSGPROG)	218.53	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	43.76	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	163.31	28.74
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	1,134.70	43.11
28 47 17 17-0034	EA	WPS And OA Series, Rooftop Mounted (Whelen RTM)	10,510.28	708.89
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280) Note: Includes mounting bracket and regulator.	4,465.76	172.43
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	2,278.98	43.11
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	2,278.98	43.11
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	2,278.98	43.11
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	2,278.98	43.11
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	2,278.98	43.11
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4)	804.74	43.11
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4)	804.74	43.11
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4)	804.74	43.11
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A)	627.39	43.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B)	627.39	43.11
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C)	627.39	43.11
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G)	627.39	43.11
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R)	627.39	43.11
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	880.40	28.74
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	667.31	28.74
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	667.31	28.74
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	419.46	43.11
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	541.11	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	928.18	28.74
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	462.51	28.74
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	163.31	28.74
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	917.88	28.74

28 47 17 17-0058 Tone Only, Omni-Alert Sirens *(28 47 17 17)*

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	10,850.54	708.89
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,613.26	741.12
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,350.78	773.35
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,151.31	805.57
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	312.04	28.74
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	536.88	28.74
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	2,225.04	28.74
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	2,225.04	28.74
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	2,010.81	28.74
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	1,947.80	28.74
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	431.62	28.74
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	695.15	28.74
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	722.87	28.74
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	2,439.28	28.74
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	2,439.28	28.74
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	2,439.28	28.74
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	2,439.28	28.74
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	866.53	28.74
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	406.45	28.74
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	462.51	28.74
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	245.12	28.74
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	4,465.76	172.43
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	942.03	43.11

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,783.60	837.79
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	24,172.70	870.01
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	288.60	28.74
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	585.51	28.74
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	2,225.04	28.74
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	2,225.04	28.74
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	2,010.81	28.74
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	1,947.80	28.74
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	431.62	28.74
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	681.28	28.74
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	722.87	28.74
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	2,439.28	28.74
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	2,439.28	28.74
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	2,439.28	28.74
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	2,439.28	28.74
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	866.53	28.74
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	503.59	28.74
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	406.45	28.74
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	245.12	28.74
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	695.15	28.74
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	4,465.76	172.43
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	942.03	43.11
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	3,714.05	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	14,445.00	741.12
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	288.60	28.74
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	585.51	28.74
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	2,225.04	28.74
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	2,225.04	28.74
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	2,010.81	28.74
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	1,947.80	28.74
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	469.57	28.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	623.83	28.74
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	661.59	28.74
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	2,439.28	28.74
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	2,439.28	28.74
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	2,439.28	28.74
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	2,439.28	28.74
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	866.53	28.74
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	462.51	28.74
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	406.45	28.74
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	245.12	28.74
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	4,465.76	172.43
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	658.16	28.74
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	942.03	43.11

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System *(28 47 17 17)*

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	7,182.56	919.64
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	8,735.68	1,034.59
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	410.00	43.11
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	391.70	43.11
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	757.83	43.11
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	514.12	43.11
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	1,049.58	43.11
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,773.79	48.85
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	665.15	43.11
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	1,042.78	48.85
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	245.12	28.74

28 47 17 17-0140 Firehouse Siren *(28 47 17 17)*

28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	288.60	28.74
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	431.62	28.74
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	681.28	28.74
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	661.59	28.74
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,439.28	28.74
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,439.28	28.74
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	2,439.28	28.74
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,439.28	28.74
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	406.45	28.74
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	245.12	28.74
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	4,465.76	172.43

28 47 17 17-0152 Alert Monitor And Message Display *(28 47 17 17)*

28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	2,036.01	28.74
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	2,036.01	28.74
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	2,036.01	28.74
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	2,036.01	28.74
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	254.40	43.11
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	70.07	28.74
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	162.47	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	255.15	

28 47 17 17-0161 Portable Test Set *(28 47 17 17)*

28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	8,229.17	
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	8,229.17	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	8,229.17	

28 47 17 17-0165 Replacement Warning Lights *(28 47 17 17)*

28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	403.17	45.98
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	403.17	45.98
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	403.17	45.98
28 47 17 17-0169	EA	Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	403.17	45.98
28 47 17 17-0170	EA	Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	403.17	45.98
28 47 17 17-0171	EA	Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	434.06	45.98
28 47 17 17-0172	EA	Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	279.60	45.98
28 47 17 17-0173	EA	Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	429.48	45.98
28 47 17 17-0174	EA	Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	429.48	45.98
28 47 17 17-0175	EA	Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	429.48	45.98
28 47 17 17-0176	EA	Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	403.17	45.98
28 47 17 17-0177	EA	Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	403.17	45.98
28 47 17 17-0178	EA	Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	403.17	45.98
28 47 17 17-0179	EA	Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	403.17	45.98
28 47 17 17-0180	EA	Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	403.17	45.98
28 47 17 17-0181	EA	Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	452.37	45.98
28 47 17 17-0182	EA	Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	452.37	45.98
28 47 17 17-0183	EA	Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	291.04	45.98
28 47 17 17-0184	EA	Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	291.04	45.98
28 47 17 17-0185	EA	Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	291.04	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0186		Antenna *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	312.25	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	271.79	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	15,528.85	
28 47 21		**Mass Notification System Interfaces** *(28 47)*		
28 47 21 21		**Notification Interfaces to Fire Detection and Alarm** *(28 47 21)*		
28 47 21 21-0001		Emergency Command Center (Honeywell Fire-Lite) *(28 47 21 21)*		
28 47 21 21-0002	EA	Emergency Command Center Multipurpose Emergency Voice Eevacuation Panels (Fire-Lite ECC-50/100 E)	2,681.48	287.38
28 47 21 21-0003	EA	Circuit Expander Module (Fire-Lite ECC_CE6)	529.61	22.99
28 47 21 21-0004	EA	25V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_25V)	463.13	28.74
28 47 21 21-0005	EA	75V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_70V)	477.77	28.74
28 47 21 21-0006	EA	70V Transformer Conversion Module (Fire-Lite ECC_XRM_70V)	242.05	28.74
28 47 21 21-0007	EA	Local Operator Console (Fire-Lite ECC-LOC)	1,463.83	57.48
28 47 21 21-0008	EA	Remote Page Unit Hand Held Micorphone (Fire-Lite ECC-RPU)	1,167.47	14.37
28 47 21 21-0009	EA	Distributed (Remote) Audio Amplifier, 50 Watts (Fire-Lite ECC-50DA)	1,109.60	57.48
28 47 21 21-0010	EA	Distributed (Remote) Audio Amplifier, 125 Watts (Fire-Lite ECC-125DA)	1,923.64	57.48
28 47 21 21-0011	EA	Distributed (Remote) Audio Amplifier With Backup, 50/100 Watts (Fire-Lite ECC50BDA)	3,062.52	57.48
28 47 21 21-0012	EA	100 Watt Primary / 50 Watt Back-up Remote Amplifier Expander Card (Fire-Lite ECC-50WBU)	1,500.74	28.74
28 47 21 21-0013	EA	Distributed Audio Speaker Circuit/Zone Expander Module (Fire-Lite ECC-CE4)	457.78	28.74
28 47 21 21-0014	EA	Addressable Mini-Monitor Module (Fire-Lite MMF-301)	101.22	28.74
28 47 21 21-0015	EA	Thumb Latch (Fire-Lite THUMBLTCH)	57.36	11.50
28 47 21 21-0016	EA	25-120 Ampere-Hours (AH) Battery Charger (Fire-Lite CHG-120F)	840.01	11.50
28 47 21 21-0017	EA	Replacement Microphone (Fire-Lite ECC-MICROPHONE)	170.87	11.50
28 47 21 21-0018	EA	12 Volt, 7 Ampere-Hour (AH) Battery (Fire-Lite BAT-1270)	315.18	28.74
28 47 21 21-0019	EA	12 Volt, 12 Ampere-Hour (AH) Battery (Fire-Lite BAT-12120)	407.27	28.74
28 47 21 21-0020	EA	12 Volt, 18 Ampere-Hour (AH) Battery (Fire-Lite BAT-12180)	300.23	28.74
28 49		**Electronic Personal Protection Systems** *(28 40)*		
28 49 11		**Electronic Personal Safety Detection Systems** *(28 49)*		
28 49 11 00-0001		Personnel Alarm Locating System *(28 49 11)* Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	24,333.47	923.51
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	194.88	
28 49 11 00-0004	EA	Lapel Reader	74.96	
28 49 11 00-0005	EA	IR Locator	264.01	34.58
28 49 11 00-0006	EA	Repeaters And Receivers	635.26	115.25
28 49 11 00-0007		Identipass Card Access Control System *(28 49 11)* Note: Excludes wiring and programming.		
28 49 11 00-0008	EA	Indala Proximity Keytags (IDENT ASC-116)	9.40	
28 49 11 00-0009	EA	Indala Flexcard Proximity Card, 26bit (IDENT ASC-121T)	5.49	
28 49 11 00-0010	EA	Communications Converter (IDENT F55-485/conv)	606.77	28.74
28 49 11 00-0011	EA	4-Door Controller (IDENT F55-9CTLR/6)	4,549.00	229.90
28 49 11 00-0012	EA	User Interface (IDENT F55-IPASSU)	2,495.22	57.48
28 49 11 00-0013	EA	Network Interface (IDENT F55-NETLINK)	676.45	57.48
28 49 11 00-0014	EA	4-Reader Expansion Board (IDENT F55-RDR/EXPD)	1,803.01	28.74
28 49 11 00-0015	EA	Remote Input/Output Board (IDENT F55-RIO/BRD)	2,911.78	143.69
28 49 11 00-0016	EA	Proximity Card Reader (IDENT F55-L/F 26SB)	657.13	114.95
28 49 11 00-0017	EA	Slimline Flexpass Proximity Card Reader (IDENT F60-L/F26SB)	657.13	114.95
28 49 11 00-0018	EA	Proximity Card Reader (IDENT F60 L/F 28WB)	657.13	114.95
28 49 17		**Electronic Personal Safety Emergency Aid Devices** *(28 49)*		
28 49 17 00-0001		Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*		
28 49 17 00-0002		Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	336.67	69.15
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	399.87	80.68
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	403.01	80.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0006		**Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling)** *(28 49 17 00-0001)*		
28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	249.95	43.22
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	245.56	34.58
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	108.72	34.58
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	196.97	34.58
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	228.53	34.58
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	261.27	34.58
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	366.53	34.58
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	411.82	34.58
28 49 17 00-0015		**Call Activation Devices, Emergency Aid Devices (Edwards Signaling)** *(28 49 17 00-0001)*		
28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	148.32	34.58
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	223.53	34.58
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	296.15	34.58
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	324.66	11.53
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	230.25	34.58
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	273.68	34.58
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	471.58	34.58
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	218.31	34.58
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	273.91	11.53
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	425.48	11.53
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	434.80	11.53
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	573.99	11.53

END OF SECTION 28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 01 Maintenance of Earthwork *(31)*

31 01 20 Maintenance of Earth Moving *(31 01)*

31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

31 01 20 00-0002	ACR	Rip Light Soil And Sand, By Dozer	747.98
31 01 20 00-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper	1,179.41
31 01 20 00-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader	1,020.52

31 05 Common Work Results for Earthwork *(31)*

31 05 13 Soils for Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	32.69
		For Up To 8, Add	*6.54*
		For >8 To 16, Add	*3.27*
		For >48 To 64, Deduct	*-2.50*
		For >64 To 96, Deduct	*-4.13*
		For >96 To 168, Deduct	*-5.76*
		For >168 To 240, Deduct	*-7.01*
		For >240, Deduct	*-8.26*
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	38.02
		For Up To 8, Add	*7.60*
		For >8 To 16, Add	*3.80*
		For >48 To 64, Deduct	*-2.76*
		For >64 To 96, Deduct	*-4.66*
		For >96 To 168, Deduct	*-6.56*
		For >168 To 240, Deduct	*-7.95*
		For >240, Deduct	*-9.33*
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	50.82
		For Up To 8, Add	*10.16*
		For >8 To 16, Add	*5.08*
		For >48 To 64, Deduct	*-3.40*
		For >64 To 96, Deduct	*-5.94*
		For >96 To 168, Deduct	*-8.48*
		For >168 To 240, Deduct	*-10.19*
		For >240, Deduct	*-11.89*
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	46.02
		For Up To 8, Add	*9.20*
		For >8 To 16, Add	*4.60*
		For >48 To 64, Deduct	*-3.16*
		For >64 To 96, Deduct	*-5.46*
		For >96 To 168, Deduct	*-7.76*
		For >168 To 240, Deduct	*-9.35*
		For >240, Deduct	*-10.93*
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	79.09
		For Up To 8, Add	*15.82*
		For >8 To 16, Add	*7.91*
		For >48 To 64, Deduct	*-4.82*
		For >64 To 96, Deduct	*-8.77*
		For >96 To 168, Deduct	*-12.72*
		For >168 To 240, Deduct	*-15.13*
		For >240, Deduct	*-17.54*
31 05 13 00-0007	CY	Common Fill, Native Soil/Dirt	37.57
		For Up To 8, Add	*7.51*
		For >8 To 16, Add	*3.76*
		For >48 To 64, Deduct	*-2.74*
		For >64 To 96, Deduct	*-4.62*
		For >96 To 168, Deduct	*-6.50*
		For >168 To 240, Deduct	*-7.87*
		For >240, Deduct	*-9.24*
31 05 13 00-0008	CY	Lime Rock Screening	41.66
		For Up To 8, Add	*8.33*
		For >8 To 16, Add	*4.17*
		For >48 To 64, Deduct	*-2.94*
		For >64 To 96, Deduct	*-5.03*
		For >96 To 168, Deduct	*-7.11*
		For >168 To 240, Deduct	*-8.58*
		For >240, Deduct	*-10.05*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 13 00-0009	CY	Crushed Lime Rock Maximum 3-1/2"	41.66	
		For Up To 8, Add	*8.33*	
		For >8 To 16, Add	*4.17*	
		For >48 To 64, Deduct	*-2.94*	
		For >64 To 96, Deduct	*-5.03*	
		For >96 To 168, Deduct	*-7.11*	
		For >168 To 240, Deduct	*-8.58*	
		For >240, Deduct	*-10.05*	
31 05 13 00-0010	CY	Sand/Clay	34.04	
		For Up To 8, Add	*6.81*	
		For >8 To 16, Add	*3.40*	
		For >48 To 64, Deduct	*-2.56*	
		For >64 To 96, Deduct	*-4.27*	
		For >96 To 168, Deduct	*-5.97*	
		For >168 To 240, Deduct	*-7.25*	
		For >240, Deduct	*-8.53*	
31 05 13 00-0011	CY	Recycled Concrete Aggregate	37.42	
		For Up To 8, Add	*7.48*	
		For >8 To 16, Add	*3.74*	
		For >48 To 64, Deduct	*-2.73*	
		For >64 To 96, Deduct	*-4.60*	
		For >96 To 168, Deduct	*-6.47*	
		For >168 To 240, Deduct	*-7.84*	
		For >240, Deduct	*-9.21*	
31 05 13 00-0012	CY	Pit Run Clay	52.10	
		For Up To 8, Add	*10.42*	
		For >8 To 16, Add	*5.21*	
		For >48 To 64, Deduct	*-3.47*	
		For >64 To 96, Deduct	*-6.07*	
		For >96 To 168, Deduct	*-8.68*	
		For >168 To 240, Deduct	*-10.41*	
		For >240, Deduct	*-12.14*	
31 05 13 00-0013	CY	Light Clay / Loam	43.33	
		For Up To 8, Add	*8.67*	
		For >8 To 16, Add	*4.33*	
		For >48 To 64, Deduct	*-3.03*	
		For >64 To 96, Deduct	*-5.19*	
		For >96 To 168, Deduct	*-7.36*	
		For >168 To 240, Deduct	*-8.87*	
		For >240, Deduct	*-10.39*	
31 05 13 00-0014	CY	Heavy Clay	52.10	
		For Up To 8, Add	*10.42*	
		For >8 To 16, Add	*5.21*	
		For >48 To 64, Deduct	*-3.47*	
		For >64 To 96, Deduct	*-6.07*	
		For >96 To 168, Deduct	*-8.68*	
		For >168 To 240, Deduct	*-10.41*	
		For >240, Deduct	*-12.14*	

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 (1-1/2" To 2-1/2" Clean) Stone Aggregate Fill	55.56	
		For Up To 8, Add	*11.11*	
		For >8 To 16, Add	*5.56*	
		For >48 To 64, Deduct	*-3.64*	
		For >64 To 96, Deduct	*-6.42*	
		For >96 To 168, Deduct	*-9.20*	
		For >168 To 240, Deduct	*-11.01*	
		For >240, Deduct	*-12.83*	
31 05 16 00-0003	CY	#3 (1" To 2" Clean) Stone Aggregate Fill	57.81	
		For Up To 8, Add	*11.56*	
		For >8 To 16, Add	*5.78*	
		For >48 To 64, Deduct	*-3.75*	
		For >64 To 96, Deduct	*-6.64*	
		For >96 To 168, Deduct	*-9.53*	
		For >168 To 240, Deduct	*-11.41*	
		For >240, Deduct	*-13.28*	
31 05 16 00-0004	CY	#4 (3/4" To 1-1/2" Clean) Stone Aggregate Fill	55.56	
		For Up To 8, Add	*11.11*	
		For >8 To 16, Add	*5.56*	
		For >48 To 64, Deduct	*-3.64*	
		For >64 To 96, Deduct	*-6.42*	
		For >96 To 168, Deduct	*-9.20*	
		For >168 To 240, Deduct	*-11.01*	
		For >240, Deduct	*-12.83*	
31 05 16 00-0005	CY	#5 (1/2" To 1" Clean) Stone Aggregate Fill	59.44	
		For Up To 8, Add	*11.89*	
		For >8 To 16, Add	*5.94*	
		For >48 To 64, Deduct	*-3.83*	
		For >64 To 96, Deduct	*-6.81*	
		For >96 To 168, Deduct	*-9.78*	
		For >168 To 240, Deduct	*-11.69*	
		For >240, Deduct	*-13.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0006	CY	#6 (3/8" To 3/4" Clean) Stone Aggregate Fill	61.72	
		For Up To 8, Add	*12.34*	
		For >8 To 16, Add	*6.17*	
		For >48 To 64, Deduct	*-3.95*	
		For >64 To 96, Deduct	*-7.03*	
		For >96 To 168, Deduct	*-10.12*	
		For >168 To 240, Deduct	*-12.09*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0007	CY	#56 (3/8" To 1") Stone Aggregate Fill	59.79	
		For Up To 8, Add	*11.96*	
		For >8 To 16, Add	*5.98*	
		For >48 To 64, Deduct	*-3.85*	
		For >64 To 96, Deduct	*-6.84*	
		For >96 To 168, Deduct	*-9.83*	
		For >168 To 240, Deduct	*-11.75*	
		For >240, Deduct	*-13.68*	
31 05 16 00-0008	CY	#57 (3/8" To 1") Stone Aggregate Fill	63.78	
		For Up To 8, Add	*12.76*	
		For >8 To 16, Add	*6.38*	
		For >48 To 64, Deduct	*-4.05*	
		For >64 To 96, Deduct	*-7.24*	
		For >96 To 168, Deduct	*-10.43*	
		For >168 To 240, Deduct	*-12.45*	
		For >240, Deduct	*-14.48*	
31 05 16 00-0009	CY	#67 Or #68 (3/16" To 3/4") Stone Aggregate Fill	57.68	
		For Up To 8, Add	*11.54*	
		For >8 To 16, Add	*5.77*	
		For >48 To 64, Deduct	*-3.75*	
		For >64 To 96, Deduct	*-6.63*	
		For >96 To 168, Deduct	*-9.51*	
		For >168 To 240, Deduct	*-11.39*	
		For >240, Deduct	*-13.26*	
31 05 16 00-0010	CY	#7I (3/8" To 1/2") Stone Aggregate Fil	58.79	
		For Up To 8, Add	*11.76*	
		For >8 To 16, Add	*5.88*	
		For >48 To 64, Deduct	*-3.80*	
		For >64 To 96, Deduct	*-6.74*	
		For >96 To 168, Deduct	*-9.68*	
		For >168 To 240, Deduct	*-11.58*	
		For >240, Deduct	*-13.48*	
31 05 16 00-0011	CY	#78 (3/32" To 1/2") Stone Aggregate Fill	59.27	
		For Up To 8, Add	*11.85*	
		For >8 To 16, Add	*5.93*	
		For >48 To 64, Deduct	*-3.82*	
		For >64 To 96, Deduct	*-6.79*	
		For >96 To 168, Deduct	*-9.75*	
		For >168 To 240, Deduct	*-11.66*	
		For >240, Deduct	*-13.58*	
31 05 16 00-0012	CY	#8 (3/32" To 3/8") Stone Aggregate Fill	61.72	
		For Up To 8, Add	*12.34*	
		For >8 To 16, Add	*6.17*	
		For >48 To 64, Deduct	*-3.95*	
		For >64 To 96, Deduct	*-7.03*	
		For >96 To 168, Deduct	*-10.12*	
		For >168 To 240, Deduct	*-12.09*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0013	CY	#89 (1/16" To 3/8") Stone Aggregate Fill	62.41	
		For Up To 8, Add	*12.48*	
		For >8 To 16, Add	*6.24*	
		For >48 To 64, Deduct	*-3.98*	
		For >64 To 96, Deduct	*-7.10*	
		For >96 To 168, Deduct	*-10.22*	
		For >168 To 240, Deduct	*-12.21*	
		For >240, Deduct	*-14.20*	
31 05 16 00-0014	CY	#9 (3/32" To 3/16") Stone Aggregate Fill	61.72	
		For Up To 8, Add	*12.34*	
		For >8 To 16, Add	*6.17*	
		For >48 To 64, Deduct	*-3.95*	
		For >64 To 96, Deduct	*-7.03*	
		For >96 To 168, Deduct	*-10.12*	
		For >168 To 240, Deduct	*-12.09*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0015	CY	#10 (1/16" To 3/16") Stone Aggregate Fill	63.13	
		For Up To 8, Add	*12.63*	
		For >8 To 16, Add	*6.31*	
		For >48 To 64, Deduct	*-4.02*	
		For >64 To 96, Deduct	*-7.17*	
		For >96 To 168, Deduct	*-10.33*	
		For >168 To 240, Deduct	*-12.34*	
		For >240, Deduct	*-14.35*	
31 05 16 00-0016	CY	#610 (1/16" To 3/4") Modified Stone Aggregate Fill	62.41	
		For Up To 8, Add	*12.48*	
		For >8 To 16, Add	*6.24*	
		For >48 To 64, Deduct	*-3.98*	
		For >64 To 96, Deduct	*-7.10*	
		For >96 To 168, Deduct	*-10.22*	
		For >168 To 240, Deduct	*-12.21*	
		For >240, Deduct	*-14.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0017	CY	3/16" Max Screenings Stone Aggregate Fill	52.41	
		For Up To 8, Add	*10.48*	
		For >8 To 16, Add	*5.24*	
		For >48 To 64, Deduct	*-3.48*	
		For >64 To 96, Deduct	*-6.10*	
		For >96 To 168, Deduct	*-8.72*	
		For >168 To 240, Deduct	*-10.46*	
		For >240, Deduct	*-12.20*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	56.93	
		For Up To 8, Add	*11.39*	
		For >8 To 16, Add	*5.69*	
		For >48 To 64, Deduct	*-3.71*	
		For >64 To 96, Deduct	*-6.55*	
		For >96 To 168, Deduct	*-9.40*	
		For >168 To 240, Deduct	*-11.25*	
		For >240, Deduct	*-13.11*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	56.93	
		For Up To 8, Add	*11.39*	
		For >8 To 16, Add	*5.69*	
		For >48 To 64, Deduct	*-3.71*	
		For >64 To 96, Deduct	*-6.55*	
		For >96 To 168, Deduct	*-9.40*	
		For >168 To 240, Deduct	*-11.25*	
		For >240, Deduct	*-13.11*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	61.45	
		For Up To 8, Add	*12.29*	
		For >8 To 16, Add	*6.15*	
		For >48 To 64, Deduct	*-3.93*	
		For >64 To 96, Deduct	*-7.01*	
		For >96 To 168, Deduct	*-10.08*	
		For >168 To 240, Deduct	*-12.05*	
		For >240, Deduct	*-14.01*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	64.67	
		For Up To 8, Add	*12.93*	
		For >8 To 16, Add	*6.47*	
		For >48 To 64, Deduct	*-4.09*	
		For >64 To 96, Deduct	*-7.33*	
		For >96 To 168, Deduct	*-10.56*	
		For >168 To 240, Deduct	*-12.61*	
		For >240, Deduct	*-14.66*	
31 05 16 00-0022	CY	2-1/2" Minus Crusher Run Aggregate Fill	36.68	
		For Up To 8, Add	*7.34*	
		For >8 To 16, Add	*3.67*	
		For >48 To 64, Deduct	*-2.70*	
		For >64 To 96, Deduct	*-4.53*	
		For >96 To 168, Deduct	*-6.36*	
		For >168 To 240, Deduct	*-7.71*	
		For >240, Deduct	*-9.06*	
31 05 16 00-0023	CY	1-1/2" Minus Crusher Run Aggregate Fill	40.22	
		For Up To 8, Add	*8.04*	
		For >8 To 16, Add	*4.02*	
		For >48 To 64, Deduct	*-2.87*	
		For >64 To 96, Deduct	*-4.88*	
		For >96 To 168, Deduct	*-6.89*	
		For >168 To 240, Deduct	*-8.33*	
		For >240, Deduct	*-9.77*	
31 05 16 00-0024	CY	3/4" Minus Crusher Run Aggregate Fill	37.92	
		For Up To 8, Add	*7.58*	
		For >8 To 16, Add	*3.79*	
		For >48 To 64, Deduct	*-2.76*	
		For >64 To 96, Deduct	*-4.65*	
		For >96 To 168, Deduct	*-6.55*	
		For >168 To 240, Deduct	*-7.93*	
		For >240, Deduct	*-9.31*	
31 05 16 00-0025	CY	Miscellaneous Crushed Base, Processed Concrete, Paving	66.44	
		For Up To 8, Add	*13.29*	
		For >8 To 16, Add	*6.64*	
		For >48 To 64, Deduct	*-4.18*	
		For >64 To 96, Deduct	*-7.51*	
		For >96 To 168, Deduct	*-10.83*	
		For >168 To 240, Deduct	*-12.92*	
		For >240, Deduct	*-15.01*	

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,447.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	2,316.47	
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	11,263.53	
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	3,860.79	
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	15,487.36	
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	5,791.19	
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip Note: Includes grub and removal of stump	22,527.07	
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter	8,107.66	
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub	380.75	
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub	779.60	
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub	1,102.37	
31 11 00 00-0013	ACR	Chipping - Light Brush	3,004.14	
31 11 00 00-0014	ACR	Chipping - Medium Brush	3,862.66	
31 11 00 00-0015	ACR	Chipping - Heavy Brush	5,408.23	

31 11 00 00-0016 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0041 for hauling.

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material	13.02	
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material	15.63	
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material	47.62	
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	37.41	

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	703.97	
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,055.95	
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,407.94	
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,111.92	
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,815.89	
31 13 13 00-0007	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	3,519.85	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-879.96*	
31 13 13 00-0008	EA	>60" To 72" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	4,223.82	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-1,055.96*	
31 13 13 00-0009	EA	>72" To 84" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	5,631.76	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-1,407.94*	

31 13 13 00-0010 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0011 Stump Removal By Machine *(31 13 13 00-0010)*

31 13 13 00-0012	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	115.82	
31 13 13 00-0013	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	221.99	
31 13 13 00-0014	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	289.56	
31 13 13 00-0015	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	434.35	
31 13 13 00-0016	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	511.59	
31 13 13 00-0017	EA	>48" To 60" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	602.28	
31 13 13 00-0018	EA	>60" To 72" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	714.24	
31 13 13 00-0019	EA	>72" To 84" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	839.72	

31 13 13 00-0020 Stump Removal By Hand *(31 13 13 00-0010)*

31 13 13 00-0021	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	731.99	
31 13 13 00-0022	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	915.00	
31 13 13 00-0023	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,342.00	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0024		EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,829.99	
31 13 13 00-0025		EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,439.98	
31 13 13 00-0026		EA	>48" To 60" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,049.98	
31 13 13 00-0027		EA	>60" To 72" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,659.97	
31 13 13 00-0028		EA	>72" To 84" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	4,269.97	

31 13 13 00-0029 Stump Grinding *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0030 Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0029)*

Note: Level soil to match existing surface area.

31 13 13 00-0031		EA	Stump Grinding Up To 6" Tree	136.92	
			For 24" Depth, Add	*27.38*	
31 13 13 00-0032		EA	Stump Grinding >6" To 12" Tree	171.15	
			For 24" Depth, Add	*34.23*	
31 13 13 00-0033		EA	Stump Grinding >12" To 15" Tree	205.38	
			For 24" Depth, Add	*41.08*	
31 13 13 00-0034		EA	Stump Grinding >15" To 18" Tree	228.20	
			For 24" Depth, Add	*45.64*	
31 13 13 00-0035		EA	Stump Grinding >18" To 21" Tree	245.31	
			For 24" Depth, Add	*49.06*	
31 13 13 00-0036		EA	Stump Grinding >21" To 24" Tree	262.43	
			For 24" Depth, Add	*52.49*	
31 13 13 00-0037		EA	Stump Grinding >24" To 27" Tree	285.25	
			For 24" Depth, Add	*57.05*	
31 13 13 00-0038		EA	Stump Grinding >27" To 30" Tree	309.47	
			For 24" Depth, Add	*61.89*	
31 13 13 00-0039		EA	Stump Grinding >30" To 33" Tree	343.86	
			For 24" Depth, Add	*68.77*	
31 13 13 00-0040		EA	Stump Grinding >33" To 36" Tree	378.24	
			For 24" Depth, Add	*75.65*	
31 13 13 00-0041		EA	Stump Grinding >36" To 42" Tree	412.63	
			For 24" Depth, Add	*82.53*	
31 13 13 00-0042		EA	Stump Grinding >42" To 48" Tree	458.48	
			For 24" Depth, Add	*91.70*	
31 13 13 00-0043		EA	Stump Grinding >48" To 60" Tree	573.10	
			For 24" Depth, Add	*114.62*	
31 13 13 00-0044		EA	Stump Grinding >60" To 72" Tree	716.37	
			For 24" Depth, Add	*143.27*	
31 13 13 00-0045		EA	Stump Grinding >72" To 84" Tree	916.95	
			For 24" Depth, Add	*183.39*	

31 13 13 00-0046 Shrub Removal *(31 13 13)*

31 13 13 00-0047		EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	54.36	
31 13 13 00-0048		EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	85.24	
31 13 13 00-0049		EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	98.84	
31 13 13 00-0050		EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	148.25	
31 13 13 00-0051		EA	Removal Of 12" To 15" Shrub, Deciduous	27.18	
31 13 13 00-0052		EA	Removal Of 18" To 24" Shrub, Deciduous	42.00	
31 13 13 00-0053		EA	Removal Of 2' To 3' Shrub, Deciduous	54.36	
31 13 13 00-0054		EA	Removal Of 3' To 4' Shrub, Deciduous	59.30	
31 13 13 00-0055		EA	Removal Of 18" To 24" Shrub, Evergreen	54.36	
31 13 13 00-0056		EA	Removal Of 24" To 30" Shrub, Evergreen	59.30	
31 13 13 00-0057		EA	Removal Of 30" To 36" Shrub, Evergreen	85.24	
31 13 13 00-0058		EA	Removal Of 36" To 42" Shrub, Evergreen	148.25	

31 13 13 00-0059 Fallen Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding. Excludes removing tree from ground.

31 13 13 00-0060		EA	Up To 6" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	563.17	
			For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct		*-140.79*
			For >25, Deduct		*-70.40*
31 13 13 00-0061		EA	>6" To 12" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	844.76	
			For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct		*-211.19*
			For >25, Deduct		*-105.60*
31 13 13 00-0062		EA	>12" To 24" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,126.36	
			For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct		*-281.59*
			For >10, Deduct		*-112.64*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0063	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,689.53	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-422.38*	
		For >10, Deduct	*-168.95*	
31 13 13 00-0064	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,252.70	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-563.18*	
		For >10, Deduct	*-225.27*	
31 13 13 00-0065	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,815.89	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-703.97*	
		For >10, Deduct	*-281.59*	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

See CSI section 32 01 90 23-0000 for tree pruning.

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	2.32
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	3.48
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	4.09

31 13 16 00-0005 Tree Branch Trimming And Removal For Maintenance Along Building Or Structure *(31 13 16)*

Note: Includes pick-up and placement of cut branches into chipper for removal. Excludes transportation from site or disposal fee. See CSI section 01 22 23 00-0105 for bucket truck where required for additional height.

31 13 16 00-0006	EA	Minimum Charge For Trim Tree Branch	865.42
31 13 16 00-0007	EA	Up To 1" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	21.63
31 13 16 00-0008	EA	>1" To 2" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	24.34
31 13 16 00-0009	EA	>2" To 3" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	29.75
31 13 16 00-0010	EA	Up To 1" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	27.05
31 13 16 00-0011	EA	>1" To 2" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	30.43
31 13 16 00-0012	EA	>2" To 3" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	37.19

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 22 Grading *(31 20)*

31 22 13 Rough Grading *(31 22)*

See CSI section 31 23 16 00-0000 for rough grading.

31 22 16 Fine Grading *(31 22)*

31 22 16 13 Roadway Subgrade Reshaping *(31 22 16)*

See CSI section 31 23 16 00-0000 for bulk shaping and grading, 31 24 13 00-0000 for roadway shaping and grading.

31 22 19 Finish Grading *(31 22)*

31 22 19 13 Spreading and Grading Topsoil *(31 22 19)*

31 22 19 13-0001 Site Grading For Areas Outside Of Structures And Slabs *(31 22 19 13)*

Note: Use of bobcat type equipment or hand for finish grading for positive drainage.

31 22 19 13-0002 Hand Digging And Grading *(31 22 19 13-0001)*

31 22 19 13-0003	SF	Trim And Shape Machine Excavated Area By Hand Finish Grade	1.31
31 22 19 13-0004	SF	Trim And Shape Area On Grade By Hand, Finish Grade	1.20
31 22 19 13-0005	SF	Fine Grade Gravel Bedding By Hand Finish Grade	1.25
31 22 19 13-0006	SF	Fine Grade Gravel By Hand Finish Grade	1.04

31 22 19 13-0007 Machine Operations *(31 22 19 13-0001)*

31 22 19 13-0008 Machine Operations With Grader *(31 22 19 13-0007)*

31 22 19 13-0009	CSY	Semi-Grade, 2 Passes With Grader	476.49
31 22 19 13-0010	CSY	Fine Grade, 3 Passes With Grader	661.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	12.65	
		For Excavation In Light Material (Class A), Deduct	*-1.58*	
		For Excavation In Heavy/Wet Material (Class C), Add	*5.06*	
		For Up To 20, Add	*12.65*	
		For >20 To 50, Add	*9.49*	
		For >50 To 250, Add	*5.06*	
		For >250 To 500, Add	*1.90*	
		For >1,000, Deduct	*-1.90*	
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	8.06	
		For Excavation In Light Material (Class A), Deduct	*-1.01*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.22*	
		For Up To 20, Add	*8.06*	
		For >20 To 50, Add	*6.05*	
		For >50 To 250, Add	*3.22*	
		For >250 To 500, Add	*1.21*	
		For >1,000, Deduct	*-1.21*	
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	20.94	
		For Up To 20, Add	*20.94*	
		For >20 To 50, Add	*15.71*	
		For >50 To 250, Add	*8.38*	
		For >250 To 500, Add	*3.14*	
		For >1,000, Deduct	*-3.14*	
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	14.32	
		For Up To 20, Add	*14.32*	
		For >20 To 50, Add	*10.74*	
		For >50 To 250, Add	*5.73*	
		For >250 To 500, Add	*2.15*	
		For >1,000, Deduct	*-2.15*	

31 23 16 13-0006 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	157.15
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	269.57
31 23 16 13-0009	SF	Trim Bottom Of Excavation Hand Labor Note: For use with machine excavation.	1.22
31 23 16 13-0010	SF	Trim Slopes/Sides Of Excavation Hand Labor Note: For use with machine excavation.	1.40

31 23 16 13-0011 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0012	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.58	
		For Up To 20, Add	*4.58*	
		For >20 To 50, Add	*3.44*	
		For >50 To 250, Add	*1.83*	
		For >250 To 500, Add	*0.69*	
		For >1,000, Deduct	*-0.69*	
31 23 16 13-0013	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	43.65	

31 23 16 13-0014 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

31 23 16 13-0015	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, etc.	9.07	
		For Up To 20, Add	*9.07*	
		For >20 To 50, Add	*6.80*	
		For >50 To 250, Add	*3.63*	
		For >250 To 500, Add	*1.36*	
		For >1,000, Deduct	*-1.36*	
31 23 16 13-0016	CY	Compaction of Fill or Subbase for Trenches by Hand	49.24	

31 23 16 13-0017 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0041 for hauling.

31 23 16 13-0018	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	7.97	
		For Up To 20, Add	*7.97*	
		For >20 To 50, Add	*5.98*	
		For >50 To 250, Add	*3.19*	
		For >250 To 500, Add	*1.20*	
		For >1,000, Deduct	*-1.20*	
31 23 16 13-0019	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	115.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0020		Spread Excess Or Imported Material For Trenches *(31 23 16 13)*		
		Note: Includes hand work by laborer for cleanup.		
31 23 16 13-0021	CY	Spread Excess Or Imported Material On Site With Machine	3.74	
		For Up To 20, Add	*3.74*	
		For >20 To 50, Add	*2.81*	
		For >50 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.56*	
		For >1,000, Deduct	*-0.56*	
31 23 16 13-0022		Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*		
		Note: Includes trench, backfill, compaction and restoration of final grade.		
31 23 16 13-0023	LF	Direct Burial of Cable or Piping up to 12" Deep	2.67	
31 23 16 13-0024	LF	Direct Burial of Cable or Piping >12" to 24" Deep	2.94	
31 23 16 13-0025	LF	Direct Burial of Cable or Piping >24" to 36" Deep	4.19	
31 23 16 13-0026	LF	Direct Burial of Cable or Piping >36" to 48" Deep	4.73	
31 23 16 13-0027		Utility Chain Trencher *(31 23 16 13)*		
31 23 16 13-0028		Utility Trench, Chain Trencher *(31 23 16 13-0027)*		
		Note: Earth left adjacent to trench.		
31 23 16 13-0029	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.55	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.47*	
31 23 16 13-0030	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.69	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.51*	
31 23 16 13-0031	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.76	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.26*	
		For >500, Deduct	*-0.53*	
31 23 16 13-0032	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.85	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.56*	
31 23 16 13-0033	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.04	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.31*	
		For >500, Deduct	*-0.61*	
31 23 16 13-0034	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.32	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.70*	
31 23 16 13-0035	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.79	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.84*	
31 23 16 13-0036	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.63	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.79*	
31 23 16 13-0037	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	3.10	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.93*	
31 23 16 13-0038	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.52	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-1.06*	
31 23 16 13-0039	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	4.18	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-1.25*	
31 23 16 13-0040		Backfill Trenches With Compaction *(31 23 16 13-0027)*		
31 23 16 13-0041	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.24	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.04*	
		For >500, Deduct	*-0.07*	
31 23 16 13-0042	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.38	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0043	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.50	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.15*	
31 23 16 13-0044	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.38	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.06*	
		For >500, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0045	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.50	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.15*	
31 23 16 13-0046	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.76	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.23*	
31 23 16 13-0047	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	1.08	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.16*	
		For >500, Deduct	*-0.32*	
31 23 16 13-0048	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.50	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.15*	
31 23 16 13-0049	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.76	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.23*	
31 23 16 13-0050	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	1.01	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.15*	
		For >500, Deduct	*-0.30*	
31 23 16 13-0051	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.51	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.45*	

31 23 16 16 Structural Excavation for Minor Structures *(31 23 16)*

31 23 16 16-0001 Post Holes *(31 23 16 16)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.

31 23 16 16-0002 Drilling Post Hole In Soil *(31 23 16 16-0001)*

Note: Auger by machine unless otherwise notified by owner.

31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	11.12
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	12.51
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil	14.82
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil	16.67
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil	18.19
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil	20.01
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil	22.24
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil	25.02
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	28.59
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil	33.35
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil	40.02
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	50.02

31 23 16 16-0015 Drilling Post Hole In Rock *(31 23 16 16-0001)*

31 23 16 16-0016	CF	Jackhammer Post Hole, Rock	86.17
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock	22.56

31 23 16 16-0018 Post Hole Fill *(31 23 16 16-0001)*

31 23 16 16-0019 Concrete Fill *(31 23 16 16-0018)*

31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	6.77
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	8.69
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole	9.55
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole	10.92
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole	15.38
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole	20.53
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole	25.08
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole	29.22
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole	39.65
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole	49.05
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole	58.21
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole	67.68

31 23 16 16-0032 Grout Fill *(31 23 16 16-0018)*

31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	8.06
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	10.38
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole	11.28
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole	12.64
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole	17.62
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole	23.51
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole	28.63
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole	33.19
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole	44.22
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole	53.87
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole	63.19

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole	72.72	

31 23 16 16-0045 Earth Fill, Compacted *(31 23 16 16-0018)*

31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	5.83	
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	7.59	
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole	7.93	
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole	8.17	
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole	10.92	
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole	14.55	
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole	17.46	
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole	19.79	
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole	24.12	
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole	27.07	
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole	29.68	
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole	32.02	

31 23 16 26 Rock Removal *(31 23 16)*

31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary (Shale, Sandstone, Limestone) Rocks	29.77	
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic (Slate) Rock	31.75	
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous (Granite, Basalt) Rock	37.70	

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for less than 500 CY excavation.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	11.71	
		For Excavation In Light Material (Class A), Deduct		*-1.46*
		For Excavation In Heavy/Wet Material (Class C), Add		*4.68*
		For >1,000, Deduct		*-1.76*
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	6.50	
		For Excavation In Light Material (Class A), Deduct		*-0.81*
		For Excavation In Heavy/Wet Material (Class C), Add		*2.60*
		For >1,000, Deduct		*-0.98*
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock Note: Includes compacted aggregate	14.41	
		For >1,000, Deduct		*-2.16*
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock Note: Includes compacted aggregate	8.01	
		For >1,000, Deduct		*-1.20*

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	7.23	
		For >1,000, Deduct		*-1.08*

31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*

31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	8.03	
		For >1,000, Deduct		*-1.20*

31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	6.42	
		For >1,000, Deduct		*-0.96*
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	9.64	
		For >1,000, Deduct		*-1.45*
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	14.46	
		For >1,000, Deduct		*-2.17*
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	19.27	
		For >1,000, Deduct		*-2.89*

31 23 16 33-0015 Finish Grading For Bulk Excavation *(31 23 16 33)*

31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.80	

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.82	

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0041 for hauling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	6.45	
		For >1,000, Deduct	*-0.97*	

31 23 16 36 Excavation for Building Foundations and Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	10.71
		For Excavation In Light Material (Class A), Deduct	*-1.34*
		For Excavation In Heavy/Wet Material (Class C), Add	*4.28*
		For Up To 20, Add	*10.71*
		For >20 To 50, Add	*8.03*
		For >50 To 250, Add	*4.28*
		For >250 To 500, Add	*1.61*
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock Note: Includes compacted aggregate	13.29
		For Up To 20, Add	*13.29*
		For >20 To 50, Add	*9.97*
		For >50 To 250, Add	*5.32*
		For >250 To 500, Add	*1.99*

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	7.81
		For Excavation In Light Material (Class A), Deduct	*-0.98*
		For Excavation In Heavy/Wet Material (Class C), Add	*3.12*
		For Up To 20, Add	*7.81*
		For >20 To 50, Add	*5.86*
		For >50 To 250, Add	*3.12*
		For >250 To 500, Add	*1.17*
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock Note: Includes compacted aggregate	9.30
		For Up To 20, Add	*9.30*
		For >20 To 50, Add	*6.98*
		For >50 To 250, Add	*3.72*
		For >250 To 500, Add	*1.40*

31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*

Note: For areas not accessible by machine and only with owner's approval.

31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	157.15
		For Excavation In Light Material (Class A), Deduct	*-19.64*
		For Excavation In Heavy/Wet Material (Class C), Add	*62.86*
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock Note: Includes compacted aggregate	269.57

31 23 16 36-0011 Relocating On Site Excavated Stockpiled Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0012	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300'	6.42
		For Up To 20, Add	*6.42*
		For >20 To 50, Add	*4.82*
		For >50 To 250, Add	*2.57*
		For >250 To 500, Add	*0.96*
31 23 16 36-0013	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500'	9.64
		For Up To 20, Add	*9.64*
		For >20 To 50, Add	*7.23*
		For >50 To 250, Add	*3.86*
		For >250 To 500, Add	*1.45*
31 23 16 36-0014	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000'	14.46
		For Up To 20, Add	*14.46*
		For >20 To 50, Add	*10.85*
		For >50 To 250, Add	*5.78*
		For >250 To 500, Add	*2.17*
31 23 16 36-0015	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000'	19.27
		For Up To 20, Add	*19.27*
		For >20 To 50, Add	*14.45*
		For >50 To 250, Add	*7.71*
		For >250 To 500, Add	*2.89*

31 23 16 36-0016 Backfilling *(31 23 16 36)*

Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading each backfill lift.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	5.27	
		For Up To 20, Add	*5.27*	
		For >20 To 50, Add	*3.95*	
		For >50 To 250, Add	*2.11*	
		For >250 To 500, Add	*0.79*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	6.05	
		For Up To 20, Add	*6.05*	
		For >20 To 50, Add	*4.54*	
		For >50 To 250, Add	*2.42*	
		For >250 To 500, Add	*0.91*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	74.83	
31 23 16 36-0020		Compaction Of Fill Or Subbase *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, etc.	14.39	
		For Up To 20, Add	*14.39*	
		For >20 To 50, Add	*10.79*	
		For >50 To 250, Add	*5.76*	
		For >250 To 500, Add	*2.16*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	49.24	
31 23 16 36-0023		Grading For Building Foundations And Other Structures *(31 23 16 36)*		
31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	1.38	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	2.23	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	14.56	
31 23 16 36-0027		Loading Excess Material For Removal From Excavation *(31 23 16 36)*		
		Note: For building foundations and other structures. Includes handwork by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0041 for hauling.		
31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	6.71	
		For Up To 20, Add	*6.71*	
		For >20 To 50, Add	*5.03*	
		For >50 To 250, Add	*2.68*	
		For >250 To 500, Add	*1.01*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	115.24	
31 23 16 36-0030		Spread Excess Or Imported Material And Grade On Site *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0031	CY	Spread Excess Or Imported Material And Rough Grade On Site By Machine	3.74	
		For Up To 20, Add	*3.74*	
		For >20 To 50, Add	*2.81*	
		For >50 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.56*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material And Rough Grade On Site By Hand	63.60	
31 23 16 46		**Excavation Operations to Expose Underground Pipes and Structures** *(31 23 16)*		
		Note: Includes work above, beside and under pipe. Pipes up to 82" in diameter. Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine. See CSI section 31 23 16 13-0017 for loading excess material, 31 23 16 13-0020 for spreading excess material.		
31 23 16 46-0001		Excavation To Expose Underground Pipe Or Structures *(31 23 16 46)*		
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench. Excludes rock breaking.		
31 23 16 46-0002		Excavation By Machine To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*		
31 23 16 46-0003	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Soil/Common Excavation To Expose Underground Pipes And Structures	15.62	
31 23 16 46-0004	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Loose Rock To Expose Underground Pipes And Structures	18.55	
31 23 16 46-0005		Excavation By Hand To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*		
31 23 16 46-0006	CY	Excavation By Hand In Soil To Expose Underground Pipes And Structures	196.43	
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 46-0007	CY	Excavation By Hand In Loose Rock To Expose Underground Pipes And Structures	293.34	
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
31 23 16 46-0008		Backfilling Or Placing Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*		
		Note: With imported or stockpiled materials		
31 23 16 46-0009	CY	Backfilling By Hydraulic Excavator, Backhoe, Loader At Exposed Underground Pipes And Structures	11.72	
31 23 16 46-0010	CY	Backfilling by Hand At Exposed Underground Pipes And Structures	89.05	
31 23 16 46-0011		Compaction Of Fill Or Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*		
		Note: With imported or stockpiled materials		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 46-0012	CY	Compaction of Fill or Subbase by Mechanical Means At Exposed Underground Pipe Or Structures	18.12	
31 23 16 46-0013	CY	Compaction of Fill or Subbase by Hand At Exposed Underground Pipe Or Structures	59.10	

31 23 16 46-0014 Loading Excess Material For Removal From Excavation At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for cleanup. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0041 for hauling.

31 23 16 46-0015	CY	Load Excess Material by Machine for Removal from Excavation At Exposed Underground Pipe Or Structures	7.97	
		For Up To 20, Add	*7.97*	
		For >20 To 50, Add	*5.98*	
		For >50 To 250, Add	*3.19*	
		For >250 To 500, Add	*1.20*	
		For >1,000, Deduct	*-1.20*	
31 23 16 46-0016	CY	Load Excess Material by Hand for Removal from Excavation At Exposed Underground Pipe Or Structures	115.24	

31 23 16 46-0017 Spread Excess Or Imported Material And Grade At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for cleanup.

31 23 16 46-0018	CY	Spread Excess Or Imported Material And Grade On Site By Machine At Exposed Underground Pipe Or Structures	3.74	
		For Up To 20, Add	*3.74*	
		For >20 To 50, Add	*2.81*	
		For >50 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.56*	
		For >1,000, Deduct	*-0.56*	
31 23 16 46-0019	CY	Spread Excess Or Imported Material And Grade On Site By Hand At Exposed Underground Pipe Or Structures	63.60	

31 23 19 Dewatering *(31 23)*

31 23 19 00-0001 Well Point Dewatering System *(31 23 19)*

31 23 19 00-0002 Delivery, Installation And Removal Cost *(31 23 19 00-0001)*

Note: Priced by linear foot of header used.

31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	154.43	
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	84.94	
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	77.21	
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	69.50	
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	61.77	
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	54.06	

31 23 19 00-0009 Well Point Dewatering System Rental *(31 23 19 00-0001)*

Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200' of header for four days - quantity should be 200'x4 or 800'). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	2.29	
		For >5 Days And <1 Month, Deduct	*-0.50*	
		For >1 Month, Deduct	*-0.64*	
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	1.34	
		For >5 Days And <1 Month, Deduct	*-0.29*	
		For >1 Month, Deduct	*-0.38*	
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.96	
		For >5 Days And <1 Month, Deduct	*-0.21*	
		For >1 Month, Deduct	*-0.27*	
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.70	
		For >5 Days And <1 Month, Deduct	*-0.15*	
		For >1 Month, Deduct	*-0.20*	
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.64	
		For >5 Days And <1 Month, Deduct	*-0.14*	
		For >1 Month, Deduct	*-0.18*	

31 23 19 00-0015 Well Point Dewatering System Operation Costs *(31 23 19 00-0001)*

Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR	Operation Costs	123.59	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001 Compaction Water, Water Truck And Operator *(31 23 23 23)*

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator	307.25	

Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)

31 23 23 33 Flowable Fill *(31 23 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 23 33-0001		Flowable Fill (Fly Ash) Cement Backfill For Trenches *(31 23 23 33)* Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches	150.56	
		For Up To 20, Add	*62.75*	
		For >20 To 50, Add	*40.66*	
		For >50 To 250, Add	*20.33*	
		For >500 To 1,000, Deduct	*-11.04*	
		For >1,000, Deduct	*-22.09*	

31 23 23 43 Geofoam *(31 23 23)*

31 23 23 43-0001		Expanded Polystyrene (EPS) Geofoam Earthwork Void Fill *(31 23 23 43)* Note: Excludes earthwork or backfill.		
31 23 23 43-0002	CY	1.15 To 1.25 Lb./CF Density, Expanded Polystyrene (EPS19) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	162.11	
		For Cutting To Shape, Add	*10.23*	
31 23 23 43-0003	CY	1.35 To 1.50 Lb./CF Density, Expanded Polystyrene (EPS22) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	184.30	
		For Cutting To Shape, Add	*12.28*	
31 23 23 43-0004	CY	1.80 To 2.00 Lb./CF Density, Expanded Polystyrene (EPS29) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	256.49	
		For Cutting To Shape, Add	*16.37*	
31 23 23 43-0005	CY	2.40 To 2.50 Lb./CF Density, Expanded Polystyrene (EPS39) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	310.41	
		For Cutting To Shape, Add	*20.46*	
31 23 23 43-0006	CY	2.75 To 2.85 Lb./CF Density, Expanded Polystyrene (EPS46) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	360.78	
		For Cutting To Shape, Add	*23.32*	

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001		Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)* Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.		
31 24 13 00-0002		Cutting, Shaping And Rough Grading *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
31 24 13 00-0003		Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*		
31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	8.03	
		For Up To 20, Add	*8.03*	
		For >20 To 50, Add	*6.02*	
		For >50 To 250, Add	*3.21*	
		For >250 To 500, Add	*1.20*	
		For >1,000, Deduct	*-1.20*	
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock Note: Includes compacted aggregate	9.96	
		For Up To 20, Add	*9.96*	
		For >20 To 50, Add	*7.47*	
		For >50 To 250, Add	*3.98*	
		For >250 To 500, Add	*1.49*	
		For >1,000, Deduct	*-1.49*	
31 24 13 00-0006		Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*		
31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	8.05	
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	10.48	
31 24 13 00-0009		Scarify Soil *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	7.44	
		For Up To 20, Add	*3.72*	
		For >20 To 50, Add	*1.86*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.49*	
31 24 13 00-0011		Relocating On Site Excavated Material *(31 24 13 00-0001)*		
31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	14.46	
		For Up To 20, Add	*14.46*	
		For >20 To 50, Add	*10.85*	
		For >50 To 250, Add	*5.78*	
		For >250 To 500, Add	*2.17*	
		For >1,000, Deduct	*-2.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	19.27	
		For Up To 20, Add	*19.27*	
		For >20 To 50, Add	*14.45*	
		For >50 To 250, Add	*7.71*	
		For >250 To 500, Add	*2.89*	
		For >1,000, Deduct	*-2.89*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	8.83	
		For Up To 20, Add	*8.83*	
		For >20 To 50, Add	*6.62*	
		For >50 To 250, Add	*3.53*	
		For >250 To 500, Add	*1.32*	
		For >1,000, Deduct	*-1.32*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.90	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.21	
31 24 13 00-0019	LF	Finish Grade For Curb	1.36	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.66	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.82	
		For Up To 250, Add	*0.82*	
		For >250 To 500, Add	*0.62*	
		For >500 To 1,000, Add	*0.33*	
		For >5,000, Deduct	*-0.12*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes handwork by laborer for cleanup.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	6.45	
		For Up To 20, Add	*6.45*	
		For >20 To 50, Add	*4.84*	
		For >50 To 250, Add	*2.58*	
		For >250 To 500, Add	*0.97*	
		For >1,000, Deduct	*-0.97*	

31 25 Erosion and Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	67.19
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	61.53
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	56.74
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	53.99

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	3.44
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	4.42
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	3.27
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	3.44
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	3.06

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	4.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	5.96	
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	3.71	
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	3.88	
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	4.14	
31 25 14 16-0014		Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)* Note: Permanent, UV stabilized.		
31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	15.56	
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	14.35	
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	18.25	
31 25 14 16-0018		Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*		
31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	4.96	
31 25 14 16-0020		Revegetation Mat *(31 25 14 16-0001)*		
31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	11.83	
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxial oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	16.90	

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 25 14 23-0001		Sand Bags *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0002	BAG	50 Lb. Capacity Sand Bag With Sand	7.63	3.31
		For >2,500 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.43*	
31 25 14 23-0003	BAG	75 Lb. Capacity Sand Bag With Sand	9.78	4.12
		For >2,500 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.80*	
31 25 14 23-0004	BAG	100 Lb. Capacity Sand Bag With Sand	12.25	4.92
		For >2,500 To 5,000, Deduct	*-0.98*	
		For >5,000, Deduct	*-2.21*	
31 25 14 23-0005	BAG	125 Lb. Capacity Sand Bag With Sand	15.10	6.15
		For >2,500 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-2.74*	
31 25 14 23-0006	BAG	150 Lb. Capacity Sand Bag With Sand	18.37	7.37
		For >2,500 To 5,000, Deduct	*-1.48*	
		For >5,000, Deduct	*-3.31*	
31 25 14 23-0007	BAG	175 Lb. Capacity Sand Bag With Sand	21.38	8.38
		For >2,500 To 5,000, Deduct	*-1.68*	
		For >5,000, Deduct	*-3.82*	
31 25 14 23-0008	BAG	2,000 Lb. Capacity Sand Bag With Sand	161.60	56.74
		For >2,500 To 5,000, Deduct	*-10.12*	
		For >5,000, Deduct	*-26.28*	
31 25 14 23-0009	BAG	3,000 Lb. Capacity Sand Bag With Sand	205.82	62.41
		For >2,500 To 5,000, Deduct	*-11.13*	
		For >5,000, Deduct	*-31.72*	
31 25 14 23-0010		Gravel Bags *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0011	BAG	30 Lb. Capacity Gravel Bag With Gravel	7.16	2.20
		For >2,500 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-1.15*	
31 25 14 23-0012	BAG	50 Lb. Capacity Gravel Bag With Gravel	12.73	3.31
		For >2,500 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.94*	
31 25 14 23-0013		Floating Turbidity Curtain *(31 25 14 23)* Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6" x 6", 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft. buoyancy in saltwater.		
31 25 14 23-0014	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	28.41	
		For Type 1, Deduct	*-4.23*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.58*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.13*	
31 25 14 23-0015	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	30.76	
		For Type 1, Deduct	*-4.66*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.84*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0016	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	33.98	
		For Type 1, Deduct	*-5.28*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.21*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.90*	
31 25 14 23-0017	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	36.73	
		For Type 1, Deduct	*-5.79*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.52*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.28*	
31 25 14 23-0018	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	38.55	
		For Type 1, Deduct	*-6.07*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.69*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.49*	
31 25 14 23-0019	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	40.38	
		For Type 1, Deduct	*-6.35*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.87*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.70*	
31 25 14 23-0020	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	42.50	
		For Type 1, Deduct	*-6.69*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.95*	
31 25 14 23-0021	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	45.37	
		For Type 1, Deduct	*-7.20*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.38*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.32*	
31 25 14 23-0022	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	47.68	
		For Type 1, Deduct	*-7.57*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.59*	
31 25 14 23-0023	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	50.74	
		For Type 1, Deduct	*-8.10*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.99*	
31 25 14 23-0024	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	53.61	
		For Type 1, Deduct	*-8.58*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.22*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.34*	
31 25 14 23-0025	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	56.39	
		For Type 1, Deduct	*-9.03*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.50*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.68*	
31 25 14 23-0026	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	61.30	
		For Type 1, Deduct	*-9.97*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.37*	
31 25 14 23-0027	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	64.27	
		For Type 1, Deduct	*-10.45*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.36*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.72*	
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	67.19	
		For Type 1, Deduct	*-10.90*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.63*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.05*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	70.27	
		For Type 1, Deduct	*-11.38*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.41*	
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	73.26	
		For Type 1, Deduct	*-11.83*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.20*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.74*	

31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0032	EA	14 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	741.78
31 25 14 23-0033	EA	25 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,014.49
31 25 14 23-0034	EA	40 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,288.38
31 25 14 23-0035	EA	65 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,682.74

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	260.54
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	376.67
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	433.45

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	270.77
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	374.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0044		Cable Articulating Concrete Block *(31 25 14 23)* Note: 4000 PSI Compressive strength, 12 Lbs./CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	45.23	
		For Up To 500, Add	*10.38*	
		For >500 To 1,000, Add	*5.86*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	51.36	
		For Up To 500, Add	*11.73*	
		For >500 To 1,000, Add	*6.59*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	58.41	
		For Up To 500, Add	*13.28*	
		For >500 To 1,000, Add	*7.44*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	65.72	
		For Up To 500, Add	*14.92*	
		For >500 To 1,000, Add	*8.35*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	48.02	
		For Up To 500, Add	*10.94*	
		For >500 To 1,000, Add	*6.14*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	54.70	
		For Up To 500, Add	*12.40*	
		For >500 To 1,000, Add	*6.93*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	62.36	
		For Up To 500, Add	*14.07*	
		For >500 To 1,000, Add	*7.84*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	70.24	
		For Up To 500, Add	*15.83*	
		For >500 To 1,000, Add	*8.80*	

31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001		Silt Fences And Dike Barriers *(31 25 14 26)* Note: Includes stakes and embedding.		
31 25 14 26-0002		Silt Fences 2' High *(31 25 14 26-0001)* See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	5.60	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	4.31	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	3.01	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.54	
31 25 14 26-0007		Silt Fences 3' High *(31 25 14 26-0001)* See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	6.64	
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	5.13	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	3.55	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.88	
31 25 14 26-0012		Silt Dike Barrier *(31 25 14 26-0001)*		
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	4.21	
31 25 14 26-0014		Silt Fences Removal *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	1.04	
31 25 14 26-0016		Hay And Straw Bales *(31 25 14 26)* Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterilized Straw Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.	5.77	
31 25 14 26-0018	LF	Place Hay Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.	5.37	
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales Note: Includes removal of stakes.	1.87	
31 25 14 26-0020		Sediment Logs (Degradable) *(31 25 14 26)*		
31 25 14 26-0021		Sediment Logs (Degradable) *(31 25 14 26-0020)* Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	9" Sediment Fiber Roll Log	6.37	
31 25 14 26-0023	LF	12" Sediment Fiber Roll Log	7.26	
31 25 14 26-0024	LF	20" Sediment Fiber Roll Log	10.75	
31 25 14 26-0025		Wattles (Degradable) With UV Stabilized Synthetic Netting *(31 25 14 26-0020)* Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 8" x 25'	129.83	
31 25 14 26-0027	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	134.38	
31 25 14 26-0028	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	137.08	
31 25 14 26-0029	EA	Wattles (Sterile Straw Filled Rolls), 20" x 10'	133.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0030		Fiber Roll (CALTRANS Type 1) *(31 25 14 26)* Note: Includes furrow trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0031	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	7.09	
		For >1,000 To 10,000, Deduct	*-0.91*	
		For >10,000, Deduct	*-1.52*	
31 25 14 26-0032	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	7.32	
		For >1,000 To 10,000, Deduct	*-0.92*	
		For >10,000, Deduct	*-1.54*	
31 25 14 26-0033	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	9.28	
		For >1,000 To 10,000, Deduct	*-1.09*	
		For >10,000, Deduct	*-1.84*	
31 25 14 26-0034		Fiber Roll (CALTRANS Type 2) *(31 25 14 26)* Note: Includes 24" wood stakes at 2' on-center off-set on sides with ropes.		
31 25 14 26-0035	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	5.50	
		For >1,000 To 10,000, Deduct	*-0.67*	
		For >10,000, Deduct	*-1.12*	
31 25 14 26-0036	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	5.95	
		For >1,000 To 10,000, Deduct	*-0.71*	
		For >10,000, Deduct	*-1.20*	
31 25 14 26-0037	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	7.16	
		For >1,000 To 10,000, Deduct	*-0.78*	
		For >10,000, Deduct	*-1.31*	
31 25 14 26-0038		Inlet Protection Sediment Bags *(31 25 14 26)* Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0039	EA	2' x 2' x 3' Inlet Protection Sediment Bag	69.81	
31 25 14 26-0040	EA	2' x 3' x 3' Inlet Protection Sediment Bag	80.79	
31 25 14 26-0041	EA	2' x 4' x 3' Inlet Protection Sediment Bag	88.73	
31 25 14 26-0042		Clean Sediment Logs/Wattles *(31 25 14 26)* Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0043	EA	Clean Sediment Logs/Wattles	104.78	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001		Commercial Use *(31 31 16 13)*		
31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.90	
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls	1.27	
31 31 16 13-0004		Residential Use *(31 31 16 13)*		
31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	1.29	
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	1.40	

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001		Soil Sterilants *(31 31 19 13)*		
31 31 19 13-0002	MSF	Soil Sterilant Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.	34.75	
		For >45 To 90, Deduct	*-0.54*	
		For >90 To 225, Deduct	*-2.82*	
		For >225, Deduct	*-3.90*	

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001		Cementitious Soil Binder *(31 32 13 16)*		
31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	43.19	
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	49.33	
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	59.44	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	69.40	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	39.46	
31 32 13 19-0003	TON	Cement Stabilized Base Material	135.60	
31 32 13 19-0004	CWT	Lime For Soil Stabilization	21.79	
		Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	19.28	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	4.59	

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 Lbs./CF using lime weight of 5.5 Lbs./CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 Lb.	13.60	
		For 4% Lime Instead Of 5%, Deduct		*-0.39*
		For 6% Lime Instead Of 5%, Add		*0.39*
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 Lb.	15.77	
		For 4% Lime Instead Of 5%, Deduct		*-0.45*
		For 6% Lime Instead Of 5%, Add		*0.45*
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 Lb.	18.00	
		For 4% Lime Instead Of 5%, Deduct		*-0.51*
		For 6% Lime Instead Of 5%, Add		*0.51*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.89
31 32 13 29-0002	GAL	Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) Note: GTL (Gas-to-Liquid)	10.73
31 32 13 29-0003	GAL	Biodegradable, Liquid Copolymer Dust Suppression Fluid (Soil Works Gorrila-Snot)	5.16

31 32 16 Chemical Treatment Soil Stabilization *(31 32)*

31 32 16 13 Polymer Emulsion Soil Stabilization *(31 32 16)*

31 32 16 13-0001 Blended Co-Polymer Paving Systems (TechniSoil) *(31 32 16 13)*

31 32 16 13-0002	SF	3" Thick, Blended Co-Polymer Paving System Premixed With Decomposed Granite (TechniSoil)	9.41
31 32 16 13-0003	SF	Blended Co-Polymer Topical Spray (TechniSoil)	3.33

31 32 19 Geosynthetic Soil Stabilization and Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications. Includes stakes.

31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.48	
		For Up To 50, Add		*1.23*
		For >50 To 150, Add		*0.91*
		For >150 To 250, Add		*0.59*
		For >250 To 500, Add		*0.30*
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.25	
		For Up To 50, Add		*1.39*
		For >50 To 150, Add		*1.03*
		For >150 To 250, Add		*0.67*
		For >250 To 500, Add		*0.34*
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	6.82	
		For Up To 50, Add		*1.51*
		For >50 To 150, Add		*1.12*
		For >150 To 250, Add		*0.73*
		For >250 To 500, Add		*0.36*
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	9.80	
		For Up To 50, Add		*2.11*
		For >50 To 150, Add		*1.57*
		For >150 To 250, Add		*1.03*
		For >250 To 500, Add		*0.51*
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	11.21	
		For Up To 50, Add		*2.40*
		For >50 To 150, Add		*1.78*
		For >150 To 250, Add		*1.17*
		For >250 To 500, Add		*0.59*
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	5.57	
		For Up To 50, Add		*1.24*
		For >50 To 150, Add		*0.92*
		For >150 To 250, Add		*0.60*
		For >250 To 500, Add		*0.30*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0008		SY	5.9 Ounce/SY, 2,192 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	8.19	
			For Up To 50, Add	*1.77*	
			For >50 To 150, Add	*1.32*	
			For >150 To 250, Add	*0.86*	
			For >250 To 500, Add	*0.43*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation. Includes stakes.

31 32 19 16-0002		SY	3.0 Ounce/SY, 40 Mil, 80 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.71	
			For Up To 50, Add	*0.39*	
			For >50 To 150, Add	*0.29*	
			For >150 To 250, Add	*0.19*	
			For >250 To 500, Add	*0.09*	
31 32 19 16-0003		SY	3.5 Ounce/SY, 50 Mil, 95 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.83	
			For Up To 50, Add	*0.42*	
			For >50 To 150, Add	*0.31*	
			For >150 To 250, Add	*0.20*	
			For >250 To 500, Add	*0.10*	
31 32 19 16-0004		SY	4.0 Ounce/SY, 60 Mil, 115 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	1.98	
			For Up To 50, Add	*0.45*	
			For >50 To 150, Add	*0.33*	
			For >150 To 250, Add	*0.22*	
			For >250 To 500, Add	*0.11*	
31 32 19 16-0005		SY	4.5 Ounce/SY, 55 Mil, 120 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.13	
			For Up To 50, Add	*0.48*	
			For >50 To 150, Add	*0.35*	
			For >150 To 250, Add	*0.23*	
			For >250 To 500, Add	*0.12*	
31 32 19 16-0006		SY	6.0 Ounce/SY, 70 Mil, 160 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.53	
			For Up To 50, Add	*0.56*	
			For >50 To 150, Add	*0.41*	
			For >150 To 250, Add	*0.27*	
			For >250 To 500, Add	*0.14*	
31 32 19 16-0007		SY	7.0 Ounce/SY, 85 Mil, 180 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	2.96	
			For Up To 50, Add	*0.66*	
			For >50 To 150, Add	*0.49*	
			For >150 To 250, Add	*0.32*	
			For >250 To 500, Add	*0.16*	
31 32 19 16-0008		SY	8.0 Ounce/SY, 85 Mil, 205 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.26	
			For Up To 50, Add	*0.72*	
			For >50 To 150, Add	*0.53*	
			For >150 To 250, Add	*0.35*	
			For >250 To 500, Add	*0.17*	
31 32 19 16-0009		SY	10 Ounce/SY, 115 Mil, 250 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.02	
			For Up To 50, Add	*0.87*	
			For >50 To 150, Add	*0.65*	
			For >150 To 250, Add	*0.42*	
			For >250 To 500, Add	*0.21*	
31 32 19 16-0010		SY	16 Ounce/SY, 175 Mil, 425 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric	7.07	
			For Up To 50, Add	*1.48*	
			For >50 To 150, Add	*1.10*	
			For >150 To 250, Add	*0.73*	
			For >250 To 500, Add	*0.36*	

31 32 19 16-0011 Woven Geotextiles Fabric *(31 32 19 16)*

Note: Includes stakes.

31 32 19 16-0012		SY	200 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.47	
			For Up To 50, Add	*0.55*	
			For >50 To 150, Add	*0.40*	
			For >150 To 250, Add	*0.26*	
			For >250 To 500, Add	*0.13*	
31 32 19 16-0013		SY	315 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.46	
			For Up To 50, Add	*0.74*	
			For >50 To 150, Add	*0.55*	
			For >150 To 250, Add	*0.36*	
			For >250 To 500, Add	*0.18*	
31 32 19 16-0014		SY	4 To 6% Open Area, 370 x 250 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.10	
			For Up To 50, Add	*1.28*	
			For >50 To 150, Add	*0.96*	
			For >150 To 250, Add	*0.63*	
			For >250 To 500, Add	*0.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0015	SY	11 To 15% Open Area, 370 x 220 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	5.95	
		For Up To 50, Add	*1.25*	
		For >50 To 150, Add	*0.93*	
		For >150 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
31 32 19 16-0016	SY	6.9 Oz./SY, 250 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.20	
		For Up To 50, Add	*1.10*	
		For >50 To 150, Add	*0.82*	
		For >150 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.27*	
31 32 19 16-0017	SY	9.1 Oz./SY, 333 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	5.56	
		For Up To 50, Add	*1.18*	
		For >50 To 150, Add	*0.88*	
		For >150 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.29*	
31 32 19 16-0018	SY	12.1 Oz./SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.10	
		For Up To 50, Add	*1.48*	
		For >50 To 150, Add	*1.11*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.37*	
31 32 19 16-0019	SY	12.1 Oz./SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	10.12	
		For Up To 50, Add	*2.09*	
		For >50 To 150, Add	*1.56*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.52*	

31 32 19 16-0020 Geomembranes *(31 32 19 16)*

Note: Includes stakes.

31 32 19 16-0021 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0020)*

31 32 19 16-0022	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.52
31 32 19 16-0023	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.76
31 32 19 16-0024	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.13
31 32 19 16-0025	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.55
31 32 19 16-0026	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.91
31 32 19 16-0027	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.18
31 32 19 16-0028	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.45
31 32 19 16-0029	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.81
31 32 19 16-0030	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	4.15

31 32 19 16-0031 High-Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0020)*

31 32 19 16-0032	SF	20 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.08
31 32 19 16-0033	SF	30 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	0.96
31 32 19 16-0034	SF	40 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.07
31 32 19 16-0035	SF	50 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.54
31 32 19 16-0036	SF	60 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.27
31 32 19 16-0037	SF	80 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.48
31 32 19 16-0038	SF	100 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.70
31 32 19 16-0039	SF	120 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.79
31 32 19 16-0040	SF	140 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.88

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	8.16
		For >20,000, Deduct	*-0.19*
		For >2:1 Slope, Add	*1.43*
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.88
		For >20,000, Deduct	*-0.28*
		For >2:1 Slope, Add	*1.43*
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	11.93
		For >20,000, Deduct	*-0.38*
		For >2:1 Slope, Add	*1.43*

31 32 36 Soil Nailing *(31 32)*

31 32 36 11 Soil Nailing Stabilization *(31 32 36)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0001 Landslide and Slip-Out Stabilization *(31 32 36 11)*

Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.

31 32 36 11-0002 BioWall® *(31 32 36 11-0001)*

Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0003	SF		BioWall® Construction		25.00

31 32 36 11-0004 Green Terra Mesh *(31 32 36 11-0001)*

Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0005	EA		Green Terra Mesh		635.25

31 32 36 11-0006 GeoSynthetically Confined Soil™ (GCS®) Components *(31 32 36 11-0001)*

Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2,400 lb./ft. (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr. (10 miles/hr.). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or 3/4 in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front o See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0007	SF		GeoSynthetically Confined Soil™ (GCS®) Wall Construction Note: Installation sold per square face foot (excludes materials)		23.75
31 32 36 11-0008	EA		GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10" x 120")		108.50
31 32 36 11-0009	EA		GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8" x 8" x 16")		6.50
31 32 36 11-0010	SF		GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile		0.75

31 32 36 11-0011 Turf *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0012 Permanent Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*

Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxial oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.

31 32 36 11-0013	SF		Permanent Turf Reinforcement Mat Note: sold per square face foot		1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0014 Biodegradable Turf Reinforcing Mat (TRM) *(31 32 36 11-0011)*

Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.

31 32 36 11-0015 SF Biodegradable Turf Reinforcement Mat 0.75
Note: sold per square face foot

31 32 36 11-0016 Shotcrete or Gunite *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0017 Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying

31 32 36 11-0018 SFI Wet-Mix Reinforced Shotcrete 5.50
Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0019 Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6

31 32 36 11-0020	SFI	Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	8.50	

31 32 36 11-0021 Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

31 32 36 11-0022	SFI	Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area	1.25	

31 32 36 11-0023 Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0024 Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0023)*

Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 11-0025	SF	High Capacity Diamond Mesh Note: sold per square face foot	11.00	
31 32 36 11-0026	SF	Double Twist Wire Mesh Note: sold per square face foot	13.75	

31 32 36 11-0027 Steel Plates *(31 32 36 11-0023)*

31 32 36 11-0028	EA	8x8 Galvanized Steel Plates	35.00	
31 32 36 11-0029	EA	10x10 Galvanized Steel Plates	54.75	
31 32 36 11-0030	EA	12x12 Galvanized Steel Plates	78.75	
31 32 36 11-0031	EA	8x8 Epoxy Coated Steel Plates	76.00	
31 32 36 11-0032	EA	10x10 Epoxy Coated Steel Plates	89.25	
31 32 36 11-0033	EA	12x12 Epoxy Coated Steel Plates	105.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034		**Drilled Horizontal Drains** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF	Drilled PVC Horizontal Drains (up to 2" Diameter)	26.00	
31 32 36 11-0036	LF	Stripdrain - 6" Wide	3.25	
31 32 36 11-0037	LF	Stripdrain - 12" Wide	4.00	
31 32 36 11-0038	LF	PVC Drain Collector Pipe System	26.75	
31 32 36 11-0039		**Rockfall Stabilization** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF	Scaling	3.75	
31 32 36 11-0041	SF	Trim Blasting	155.00	
31 32 36 11-0042	SY	Slope Drape - Double Twist Wire Mesh	45.00	
31 32 36 11-0043	SY	Slope Drape - Cable Net	135.00	
31 32 36 11-0044	SY	Slope Drape - Tecco Mesh (4mm)	135.00	
31 32 36 11-0045	LF	Temporary Rockfall Barrier	500.00	
31 32 36 11-0046	LF	Low Reach Drilling (<25 feet)	25.00	
31 32 36 11-0047	LF	High Reach Drilling (>25 feet)	45.00	
31 32 36 11-0048	LF	Limited Access Drilling	100.00	
31 32 36 11-0049	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized)	18.50	
31 32 36 11-0050	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated)	15.25	
31 32 36 11-0051	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized)	23.25	
31 32 36 11-0052	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated)	17.25	
31 32 36 11-0053	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized)	23.50	
31 32 36 11-0054	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated)	18.75	
31 32 36 11-0055	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized)	26.50	
31 32 36 11-0056	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0057	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized)	29.25	
31 32 36 11-0058	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0059	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized)	34.50	
31 32 36 11-0060	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated)	31.75	
31 32 36 11-0061	EA	Rock Anchor Testing	825.00	
31 32 36 11-0062		**Mobilization / Demobilization** *(31 32 36 11-0001)*		
31 32 36 11-0063	EA	Mobilization - In State	10,000.00	
31 32 36 11-0064	EA	Mobilization - Out Of State	25,000.00	
31 32 36 11-0065	EA	Mobilization - Specialty Equipment Adder	9,800.00	
31 32 36 11-0066		**Daily Crew Rates (DCR)** *(31 32 36 11-0001)*		
31 32 36 11-0067	DAY	Soils Stabilization Crew - DCR , Per Workday	13,150.00	
31 32 36 11-0068	DAY	Rockfall Stabilization Crew - DCR, Per Workday	15,200.00	
31 32 36 11-0069	DAY	Compaction Grouting Crew - DCR, Per Workday	12,925.00	
31 32 36 11-0070	DAY	Additional Crew Member/Crew - DCR, Per Workday	2,050.00	
31 32 36 11-0071	EA	Out of State Crew Rotation	4,950.00	
31 32 36 11-0072	EA	Spider Excavation	5,500.00	
31 32 36 13		**Driven Soil Nailing** *(31 32 36)*		
31 32 36 13-0001		**Large Diameter Micropiles** *(31 32 36 13)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF	5" Micropiles (with up to 5.5" steel casing)	94.50	
31 32 36 13-0003	LF	7" Micropiles (with up to 7.625" steel casing)	130.25	
31 32 36 13-0004	LF	10" Micropiles (with up to 9.625" steel casing)	166.50	
31 32 36 13-0005	LF	12" Micropiles (with up to 11.875" steel casing)	213.25	
31 32 36 16		**Grouted Soil Nailing** *(31 32 36)*		
31 32 36 16-0001		**Grouting** *(31 32 36 16)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 16-0002 Compaction Grouting *(31 32 36 16-0001)*

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation	52.75	
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification	55.50	
31 32 36 16-0005	CF	Compaction Grout For Void Fill	39.00	

31 32 36 16-0006 Polyurethane Grouting *(31 32 36 16-0001)*

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - Lbs./CF D 1622 3.0 Lbs./CF 6.0 Lbs./CF Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3' below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling	11.50	

31 32 36 19 Corrosion-Protected Soil Nailing *(31 32 36)*

31 32 36 19-0001 Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 19)*

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002 Self-Drilling SuperNails® *(31 32 36 19-0001)*

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length	559.00	
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length	939.25	
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length	1,305.75	
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length	1,735.75	
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length	2,119.75	
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length	2,459.25	
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length	2,879.25	
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length	3,253.50	
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar	129.50	

31 32 36 19-0012 SuperNail® Testing *(31 32 36 19)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0013	EA	SuperNail® Proof Testing	769.00	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 19-0014	EA	SuperNail® Verification Testing	2,339.75	

31 32 36 26 Launched Soil Nailing *(31 32 36)*

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) *(31 32 36 26)*

Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90º about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20'	605.00	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.		
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20'	621.50	
		Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.		
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20'	478.50	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.		
31 32 36 26-0005	EA	Temporary Launched Soil Nail	379.50	
		Note: bare steel tube up to 20 ft. length.		
31 32 36 26-0006	EA	Fiberglass SuperDrain™	495.00	
		Note: perforated fiberglass tube up to 20 ft. length.		
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™	379.50	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.		

31 32 36 29 Drilled Soil Nailing *(31 32 36)*

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) *(31 32 36 29)*

Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length	602.25	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length	693.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length	921.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length	1,056.00	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length	1,171.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length	1,376.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length	1,624.75	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length	1,872.75	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		

31 32 36 33 Drilled / Launched Soil Nailing *(31 32 36)*

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ *(31 32 36 33)*

Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length	695.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length	1,020.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length	1,280.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length	1,540.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

Note: Includes stakes.

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 Oz./SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.62

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	80.24
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	94.49
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	113.49
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	134.26
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	157.72
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	215.71
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	272.50

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	86.63
		For Chinking Material, Add	*14.31*
31 37 13 00-0003	CY	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	101.35
		For Chinking Material, Add	*14.31*
31 37 13 00-0004	CY	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	108.29
		For Chinking Material, Add	*14.31*
31 37 13 00-0005	CY	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	116.19
		For Chinking Material, Add	*14.31*
31 37 13 00-0006	CY	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	122.56
		For Chinking Material, Add	*14.31*
31 37 13 00-0007	CY	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	132.98
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	153.15
31 37 13 00-0009	TON	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	56.98
31 37 13 00-0010	TON	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	66.33
31 37 13 00-0011	TON	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	70.73
31 37 13 00-0012	TON	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	75.75
31 37 13 00-0013	TON	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	79.79
31 37 13 00-0014	TON	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	86.48
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	102.74
31 37 13 00-0016	TON	Spread Of Rip Rap By Machine Note: Excludes material	18.36
31 37 13 00-0017	TON	Key Rip Rap Note: Excludes material.	137.71
31 37 13 00-0018	CY	Grout For Rip Rap	230.35
31 37 13 00-0019	TON	Additional Cost For Placement Of Rip-Rap By Barge Instead Of Truck	155.25

31 37 16 Non-Machined Riprap *(31 37)*

31 37 16 13 Rubble-Stone Riprap *(31 37 16)*

31 37 16 13-0001 Rock Slope Protection *(31 37 16 13)*

31 37 16 13-0002	TON	1 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	51.47
31 37 16 13-0003	TON	5 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	54.77
31 37 16 13-0004	TON	25 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	56.98
31 37 16 13-0005	TON	75 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	66.33
31 37 16 13-0006	TON	200 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	70.73
31 37 16 13-0007	TON	1/4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	79.79
31 37 16 13-0008	TON	1 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	86.48
31 37 16 13-0009	TON	2 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	93.84
31 37 16 13-0010	TON	4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	104.87

31 40 Shoring and Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.

31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage	15.75	
		For Wood Sheeting Left In Place	*-1.14*	
31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage	17.02	
		For Wood Sheeting Left In Place	*-1.38*	
31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage	18.42	
		For Wood Sheeting Left In Place	*-1.63*	
31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage	19.93	
		For Wood Sheeting Left In Place	*-1.93*	
31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	21.58	
		For Wood Sheeting Left In Place	*-2.25*	
31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	23.37	
		For Wood Sheeting Left In Place	*-2.61*	
31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	25.33	
		For Wood Sheeting Left In Place	*-3.00*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.

31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	2,178.30	
		For Standard Sheeting Left In Place, Add	*1,348.61*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,300.81*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	2,263.46	
		For Standard Sheeting Left In Place, Add	*1,306.03*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,258.23*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,659.42	
		For Standard Sheeting Left In Place, Add	*1,108.05*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,060.25*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,040.42	
		For Standard Sheeting Left In Place, Add	*917.55*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*869.75*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,264.55	
		For Standard Sheeting Left In Place, Add	*805.48*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*757.69*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,493.14	
		For Standard Sheeting Left In Place, Add	*691.19*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*643.39*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
		For Each Additional Month >3 Months, Add	*59.75*	

31 43 Concrete Raising *(31 40)*

31 43 13 Pressure Grouting *(31 43)*

31 43 13 16 Polyurethane Pressure Grouting *(31 43 13)*

31 43 13 16-0001 PolyLift™ Concrete Injection For Lifting And Leveling *(31 43 13 16)*

31 43 13 16-0002	EA	Minimum Charge For Mobilization PolyLift™ Concrete Lifting And Leveling	3,652.77
31 43 13 16-0003	LB	Up To 1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	32.61
31 43 13 16-0004	LB	>1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	27.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001 LCY Soil Stabilization, Vibroflotation 16.66

31 50 Excavation Support and Protection *(31)*

31 52 Cofferdams *(31 50)*

31 52 21 Portable Cofferdams *(31 52)*

31 52 21 00-0001 Portable Cofferdams *(31 52 21)*
Note: Excludes dewatering and pumps.

31 52 21 00-0002 Portable Cofferdam Rental *(31 52 21 00-0001)*
Note: Excludes delivery and installation.

31 52 21 00-0003	LF	3' High x 7' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	51.69
31 52 21 00-0004	LF	4' High x 9' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	66.16
31 52 21 00-0005	LF	5' High x 11' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	93.04
31 52 21 00-0006	LF	6' High x 13' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	119.92
31 52 21 00-0007	LF	8' High x 17' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	155.06
31 52 21 00-0008	LF	10' High x 21' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	310.12
31 52 21 00-0009	LF	12' High x 25' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	434.18
31 52 21 00-0010	LF	16' High x 33' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	614.05

31 52 21 00-0011 Delivery And Set-up For Portable Cofferdam *(31 52 21 00-0001)*
Note: Excludes crane usage where required. See CSI section 01 22 23 00-0982 for crane lifting equipment.

31 52 21 00-0012	LF	Delivery And Set-up For Up To 5' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	13.10
31 52 21 00-0013	LF	Delivery And Set-up For 6' To 8' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	20.95
31 52 21 00-0014	LF	Delivery And Set-up For 10' To 12' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	31.43
31 52 21 00-0015	LF	Delivery And Set-up For 16' High, Portable Cofferdam, In Dynamic (Rivers Or Streams) Water	41.91
31 52 21 00-0016	LF	Delivery And Set-up For Up To 5' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	7.86
31 52 21 00-0017	LF	Delivery And Set-up For 6' To 8' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	13.10
31 52 21 00-0018	LF	Delivery And Set-up For 10' To 12' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	20.95
31 52 21 00-0019	LF	Delivery And Set-up For 16' High, Portable Cofferdam, In Static (Lakes Or Ponds) Water	28.82

31 52 21 00-0020 Portable Cofferdam Repositioning *(31 52 21 00-0001)*

31 52 21 00-0021	LF	Up To 5' High, Portable Cofferdam, Repositioning	6.55
31 52 21 00-0022	LF	6' To 8' High, Portable Cofferdam, Repositioning	10.48
31 52 21 00-0023	LF	10' To 12' High, Portable Cofferdam, Repositioning	15.72
31 52 21 00-0024	LF	16' High, Portable Cofferdam, Repositioning	20.95

31 60 Special Foundations and Load-bearing Elements *(31)*

31 62 Driven Piles *(31 60)*

31 62 13 Concrete Piles *(31 62)*

31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

31 62 13 23-0001 Square Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile	35.39	
		For Piles Driven In Water, Add		*16.27*
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile	44.68	
		For Piles Driven In Water, Add		*18.38*
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile	54.43	
		For Piles Driven In Water, Add		*20.28*
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile	67.01	
		For Piles Driven In Water, Add		*22.60*
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile	81.65	
		For Piles Driven In Water, Add		*25.29*
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile	94.62	
		For Piles Driven In Water, Add		*28.01*
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile	121.16	
		For Piles Driven In Water, Add		*32.35*

31 62 13 23-0009 Octagonal Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile	39.91	
		For Piles Driven In Water, Add		*17.08*
31 62 13 23-0011	VLF	14" Octagonal Prestressed Driven Concrete Pile	49.28	
		For Piles Driven In Water, Add		*18.84*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 13 23-0012	VLF	16" Octagonal Prestressed Driven Concrete Pile	58.76	
		For Piles Driven In Water, Add	*20.71*	
31 62 13 23-0013	VLF	18" Octagonal Prestressed Driven Concrete Pile	70.52	
		For Piles Driven In Water, Add	*22.96*	
31 62 13 23-0014	VLF	20" Octagonal Prestressed Driven Concrete Pile	75.04	
		For Piles Driven In Water, Add	*24.63*	
31 62 13 23-0015	VLF	24" Octagonal Prestressed Driven Concrete Pile	79.80	
		For Piles Driven In Water, Add	*26.53*	

31 62 13 23-0016 Straight Cylinder Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0017	VLF	12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile	58.18	
		For Piles Driven In Water, Add	*18.18*	
31 62 13 23-0018	VLF	14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	69.13	
		For Piles Driven In Water, Add	*20.00*	
31 62 13 23-0019	VLF	16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile	82.12	
		For Piles Driven In Water, Add	*22.13*	
31 62 13 23-0020	VLF	18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	93.02	
		For Piles Driven In Water, Add	*24.13*	
31 62 13 23-0021	VLF	20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile	117.25	
		For Piles Driven In Water, Add	*27.63*	
31 62 13 23-0022	VLF	24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile	145.22	
		For Piles Driven In Water, Add	*31.65*	

31 62 16 Steel Piles *(31 62)*

31 62 16 16 Steel H Piles *(31 62 16)*

31 62 16 16-0001 Rolled, Driven Steel H Piles *(31 62 16 16)*

31 62 16 16-0002	VLF	8" x 8" x 36 Lb./FT, Rolled, Driven Steel H Pile	35.31	
		For Piles Driven In Water, Add	*17.45*	
31 62 16 16-0003	VLF	10" x 10" x 42 Lb./FT, Rolled, Driven Steel H Pile	39.38	
		For Piles Driven In Water, Add	*18.54*	
31 62 16 16-0004	VLF	10" x 10" x 57 Lb./FT, Rolled, Driven Steel H Pile	47.65	
		For Piles Driven In Water, Add	*19.36*	
31 62 16 16-0005	VLF	12" x 12" x 53 Lb./FT, Rolled, Driven Steel H Pile	45.94	
		For Piles Driven In Water, Add	*19.63*	
31 62 16 16-0006	VLF	12" x 12" x 63 Lb./FT, Rolled, Driven Steel H Pile	51.45	
		For Piles Driven In Water, Add	*20.18*	
31 62 16 16-0007	VLF	12" x 12" x 74 Lb./FT, Rolled, Driven Steel H Pile	58.91	
		For Piles Driven In Water, Add	*22.18*	
31 62 16 16-0008	VLF	12" x 12" x 84 Lb./FT, Rolled, Driven Steel H Pile	64.42	
		For Piles Driven In Water, Add	*22.73*	
31 62 16 16-0009	VLF	14" x 14" x 73 Lb./FT, Rolled, Driven Steel H Pile	58.80	
		For Piles Driven In Water, Add	*22.57*	
31 62 16 16-0010	VLF	14" x 14" x 89 Lb./FT, Rolled, Driven Steel H Pile	68.17	
		For Piles Driven In Water, Add	*23.50*	
31 62 16 16-0011	VLF	14" x 14" x 102 Lb./FT, Rolled, Driven Steel H Pile	76.34	
		For Piles Driven In Water, Add	*25.72*	
31 62 16 16-0012	VLF	14" x 14" x 117 Lb./FT, Rolled, Driven Steel H Pile	85.16	
		For Piles Driven In Water, Add	*26.60*	

31 62 16 16-0013 Splices, Caps, And Points For H-Piles *(31 62 16 16)*

31 62 16 16-0014 Rolled Steel H Pile Splices *(31 62 16 16-0013)*

31 62 16 16-0015	EA	8" Rolled Steel H Pile Splice	328.81
31 62 16 16-0016	EA	10" Rolled Steel H Pile Splice	367.98
31 62 16 16-0017	EA	12" Rolled Steel H Pile Splice	504.97
31 62 16 16-0018	EA	14" Rolled Steel H Pile Splice	524.55

31 62 16 16-0019 Rolled Steel H Driving Caps *(31 62 16 16-0013)*

31 62 16 16-0020	EA	8" Rolled Steel H Driving Cap	3,258.88
31 62 16 16-0021	EA	10" Rolled Steel H Driving Cap	3,258.88
31 62 16 16-0022	EA	12" Rolled Steel H Driving Cap	3,320.51
31 62 16 16-0023	EA	14" Rolled Steel H Driving Cap	4,985.27

31 62 16 16-0024 Rolled Steel H Standard Pile Points *(31 62 16 16-0013)*

31 62 16 16-0025	EA	8" Rolled Steel H Standard Pile Point	348.40
31 62 16 16-0026	EA	10" Rolled Steel H Standard Pile Point	367.98
31 62 16 16-0027	EA	12" Rolled Steel H Standard Pile Point	504.97
31 62 16 16-0028	EA	14" Rolled Steel H Standard Pile Point	563.72
31 62 16 16-0029	EA	10" Rolled Steel H Standard Pile Point	504.97
31 62 16 16-0030	EA	14" Rolled Steel H Standard Pile Point	601.66

31 62 16 19 Unfilled Tubular Steel Piles *(31 62 16)*

31 62 16 19-0001 Unfilled Tubular Driven Steel Piles *(31 62 16 19)*

31 62 16 19-0002	VLF	8" Diameter x 29 Lb./FT, Unfilled Tubular Driven Steel Pile	51.72	
		For Piles Driven In Water, Add	*22.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 16 19-0003	VLF	8" Diameter x 36 Lb./FT, Unfilled Tubular Driven Steel Pile	59.71	
		For Piles Driven In Water, Add	*23.77*	
31 62 16 19-0004	VLF	8" Diameter x 43 Lb./FT, Unfilled Tubular Driven Steel Pile	68.33	
		For Piles Driven In Water, Add	*24.64*	
31 62 16 19-0005	VLF	10" Diameter x 34 Lb./FT, Unfilled Tubular Driven Steel Pile	59.71	
		For Piles Driven In Water, Add	*23.77*	
31 62 16 19-0006	VLF	10" Diameter x 41 Lb./FT, Unfilled Tubular Driven Steel Pile	67.29	
		For Piles Driven In Water, Add	*24.53*	
31 62 16 19-0007	VLF	10" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	84.06	
		For Piles Driven In Water, Add	*26.21*	
31 62 16 19-0008	VLF	12" Diameter x 42 Lb./FT, Unfilled Tubular Driven Steel Pile	70.15	
		For Piles Driven In Water, Add	*25.75*	
31 62 16 19-0009	VLF	12" Diameter x 50 Lb./FT, Unfilled Tubular Driven Steel Pile	79.03	
		For Piles Driven In Water, Add	*26.64*	
31 62 16 19-0010	VLF	12" Diameter x 54 Lb./FT, Unfilled Tubular Driven Steel Pile	83.96	
		For Piles Driven In Water, Add	*27.13*	
31 62 16 19-0011	VLF	12" Diameter x 65 Lb./FT, Unfilled Tubular Driven Steel Pile	97.78	
		For Piles Driven In Water, Add	*28.52*	
31 62 16 19-0012	VLF	14" Diameter x 46 Lb./FT, Unfilled Tubular Driven Steel Pile	75.88	
		For Piles Driven In Water, Add	*28.29*	
31 62 16 19-0013	VLF	14" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	85.93	
		For Piles Driven In Water, Add	*29.29*	
31 62 16 19-0014	VLF	14" Diameter x 64 Lb./FT, Unfilled Tubular Driven Steel Pile	95.97	
		For Piles Driven In Water, Add	*30.30*	
31 62 16 19-0015	VLF	14" Diameter x 72 Lb./FT, Unfilled Tubular Driven Steel Pile	106.02	
		For Piles Driven In Water, Add	*31.30*	
31 62 16 19-0016	VLF	16" Diameter x 52 Lb./FT, Unfilled Tubular Driven Steel Pile	84.44	
		For Piles Driven In Water, Add	*31.57*	
31 62 16 19-0017	VLF	16" Diameter x 63 Lb./FT, Unfilled Tubular Driven Steel Pile	96.18	
		For Piles Driven In Water, Add	*32.75*	
31 62 16 19-0018	VLF	16" Diameter x 83 Lb./FT, Unfilled Tubular Driven Steel Pile	119.09	
		For Piles Driven In Water, Add	*35.04*	
31 62 16 19-0019	VLF	18" Diameter x 59 Lb./FT, Unfilled Tubular Driven Steel Pile	104.17	
		For Piles Driven In Water, Add	*35.50*	
31 62 16 19-0020	VLF	18" Diameter x 71 Lb./FT, Unfilled Tubular Driven Steel Pile	119.43	
		For Piles Driven In Water, Add	*37.03*	
31 62 16 19-0021	VLF	18" Diameter x 93 Lb./FT, Unfilled Tubular Driven Steel Pile	148.43	
		For Piles Driven In Water, Add	*39.93*	

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

31 62 16 19-0024	EA	8" Diameter, Steel Pipe Pile Splice	357.31
31 62 16 19-0025	EA	10" Diameter, Steel Pipe Pile Splice	392.33
31 62 16 19-0026	EA	12" Diameter, Steel Pipe Pile Splice	502.16
31 62 16 19-0027	EA	14" Diameter, Steel Pipe Pile Splice	536.69
31 62 16 19-0028	EA	16" Diameter, Steel Pipe Pile Splice	660.38
31 62 16 19-0029	EA	18" Diameter, Steel Pipe Pile Splice	808.86

31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

31 62 16 19-0031	EA	8" Diameter, Steel Pipe Standard Pile Point	338.57
31 62 16 19-0032	EA	10" Diameter, Steel Pipe Standard Pile Point	366.61
31 62 16 19-0033	EA	12" Diameter, Steel Pipe Standard Pile Point	418.74
31 62 16 19-0034	EA	14" Diameter, Steel Pipe Standard Pile Point	495.86
31 62 16 19-0035	EA	16" Diameter, Steel Pipe Standard Pile Point	565.97
31 62 16 19-0036	EA	18" Diameter, Steel Pipe Standard Pile Point	649.73

31 62 16 19-0037 Steel Pipe Heavy-Duty Pile Points *(31 62 16 19-0022)*

31 62 16 19-0038	EA	10" Diameter, Steel Pipe Heavy-Duty Pile Point	486.46
31 62 16 19-0039	EA	12" Diameter, Steel Pipe Heavy-Duty Pile Point	521.52
31 62 16 19-0040	EA	14" Diameter, Steel Pipe Heavy-Duty Pile Point	590.08
31 62 16 19-0041	EA	16" Diameter, Steel Pipe Heavy-Duty Pile Point	730.31
31 62 16 19-0042	EA	18" Diameter, Steel Pipe Heavy-Duty Pile Point	842.09

31 62 19 Timber Piles *(31 62)*

31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 Lb. Penta-treated/CF.

31 62 19 00-0002	LF	Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	40.07	
		For Piles Driven In Water, Add	*16.37*	
		For Untreated Pile, Deduct	*-9.74*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0003	LF	>30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	42.08	
		For Piles Driven In Water, Add	*18.12*	
		For Untreated Pile, Deduct	*-9.85*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0004	LF	39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	44.32	
		For Piles Driven In Water, Add	*19.26*	
		For Untreated Pile, Deduct	*-10.30*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0005	LF	>49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	47.62	
		For Piles Driven In Water, Add	*21.45*	
		For Untreated Pile, Deduct	*-10.76*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0006	LF	>59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	59.53	
		For Piles Driven In Water, Add	*24.50*	
		For Untreated Pile, Deduct	*-14.40*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0007	LF	>69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	74.50	
		For Piles Driven In Water, Add	*29.71*	
		For Untreated Pile, Deduct	*-18.41*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	

31 62 23 Composite Piles *(31 62)*

31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002	VLF	8" Diameter x 29 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	55.72	
		For 5,000 PSI Concrete Grout Fill, Add	*6.47*	
		For Piles Driven In Water, Add	*24.93*	
31 62 23 13-0003	VLF	8" Diameter x 36 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	63.70	
		For 5,000 PSI Concrete Grout Fill, Add	*7.27*	
		For Piles Driven In Water, Add	*25.73*	
31 62 23 13-0004	VLF	8" Diameter x 43 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	72.33	
		For 5,000 PSI Concrete Grout Fill, Add	*8.13*	
		For Piles Driven In Water, Add	*26.59*	
31 62 23 13-0005	VLF	10" Diameter x 34 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	65.51	
		For 5,000 PSI Concrete Grout Fill, Add	*9.11*	
		For Piles Driven In Water, Add	*26.33*	
31 62 23 13-0006	VLF	10" Diameter x 41 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	73.10	
		For 5,000 PSI Concrete Grout Fill, Add	*9.87*	
		For Piles Driven In Water, Add	*27.09*	
31 62 23 13-0007	VLF	10" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	89.87	
		For 5,000 PSI Concrete Grout Fill, Add	*11.55*	
		For Piles Driven In Water, Add	*28.77*	
31 62 23 13-0008	VLF	12" Diameter x 42 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	78.32	
		For 5,000 PSI Concrete Grout Fill, Add	*12.31*	
		For Piles Driven In Water, Add	*29.29*	
31 62 23 13-0009	VLF	12" Diameter x 50 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	87.20	
		For 5,000 PSI Concrete Grout Fill, Add	*13.20*	
		For Piles Driven In Water, Add	*30.18*	
31 62 23 13-0010	VLF	12" Diameter x 54 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	92.13	
		For 5,000 PSI Concrete Grout Fill, Add	*13.69*	
		For Piles Driven In Water, Add	*30.67*	
31 62 23 13-0011	VLF	12" Diameter x 65 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	105.94	
		For 5,000 PSI Concrete Grout Fill, Add	*15.07*	
		For Piles Driven In Water, Add	*32.05*	
31 62 23 13-0012	VLF	14" Diameter x 46 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	86.89	
		For 5,000 PSI Concrete Grout Fill, Add	*15.22*	
		For Piles Driven In Water, Add	*33.77*	
31 62 23 13-0013	VLF	14" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	96.94	
		For 5,000 PSI Concrete Grout Fill, Add	*16.23*	
		For Piles Driven In Water, Add	*34.78*	
31 62 23 13-0014	VLF	14" Diameter x 64 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	106.98	
		For 5,000 PSI Concrete Grout Fill, Add	*17.23*	
		For Piles Driven In Water, Add	*35.78*	
31 62 23 13-0015	VLF	14" Diameter x 72 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	117.03	
		For 5,000 PSI Concrete Grout Fill, Add	*18.24*	
		For Piles Driven In Water, Add	*36.79*	
31 62 23 13-0016	VLF	16" Diameter x 52 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	96.38	
		For 5,000 PSI Concrete Grout Fill, Add	*18.87*	
		For Piles Driven In Water, Add	*36.22*	
31 62 23 13-0017	VLF	16" Diameter x 63 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	108.12	
		For 5,000 PSI Concrete Grout Fill, Add	*20.04*	
		For Piles Driven In Water, Add	*37.39*	
31 62 23 13-0018	VLF	16" Diameter x 83 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	131.03	
		For 5,000 PSI Concrete Grout Fill, Add	*22.33*	
		For Piles Driven In Water, Add	*39.68*	
31 62 23 13-0019	VLF	18" Diameter x 59 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	118.57	
		For 5,000 PSI Concrete Grout Fill, Add	*24.11*	
		For Piles Driven In Water, Add	*40.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 23 13-0020	VLF	18" Diameter x 71 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	133.83	
		For 5,000 PSI Concrete Grout Fill, Add	*25.63*	
		For Piles Driven In Water, Add	*42.10*	
31 62 23 13-0021	VLF	18" Diameter x 93 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	162.83	
		For 5,000 PSI Concrete Grout Fill, Add	*28.53*	
		For Piles Driven In Water, Add	*45.00*	
31 62 23 13-0022		7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*		
		Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.		
31 62 23 13-0023	VLF	12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	71.47	
		For Piles Driven In Water, Add	*21.98*	
31 62 23 13-0024	VLF	14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	86.72	
		For Piles Driven In Water, Add	*24.58*	
31 62 23 13-0025	VLF	16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	98.17	
		For Piles Driven In Water, Add	*26.94*	
31 62 23 13-0026	VLF	18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	106.78	
		For Piles Driven In Water, Add	*29.23*	
31 62 23 13-0027		Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*		
		Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.		
31 62 23 13-0028	VLF	12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	70.11	
		For Piles Driven In Water, Add	*21.84*	
31 62 23 13-0029	VLF	14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	71.98	
		For Piles Driven In Water, Add	*23.10*	
31 62 23 13-0030	VLF	16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	87.83	
		For Piles Driven In Water, Add	*25.91*	
31 62 23 13-0031	VLF	18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	101.31	
		For Piles Driven In Water, Add	*28.68*	
31 62 23 13-0032		Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)*		
31 62 23 13-0033	VLF	8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	42.17	
		For Piles Driven In Water, Add	*16.74*	
		For Thick Wall Shell, Add	*0.07*	
31 62 23 13-0034	VLF	10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	46.56	
		For Piles Driven In Water, Add	*18.57*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0035	VLF	12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	50.90	
		For Piles Driven In Water, Add	*20.40*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0036	VLF	14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	55.27	
		For Piles Driven In Water, Add	*22.21*	
		For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0037	VLF	16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	59.66	
		For Piles Driven In Water, Add	*24.05*	
		For Thick Wall Shell, Add	*0.10*	

31 63 Bored Piles *(31 60)*

31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*

Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

31 63 36 00-0003	EA	>12" To 24" Diameter Hole, Drilling Mobilization	1,039.43
31 63 36 00-0004	EA	>24" Diameter Hole, Drilling Mobilization	1,385.90

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

31 63 36 00-0006	LF	18" Diameter, Up To 24' Depth, Drilled/Augered Hole	59.82
31 63 36 00-0007	LF	20" Diameter, Up To 24' Depth, Drilled/Augered Hole	69.56
31 63 36 00-0008	LF	22" Diameter, Up To 24' Depth, Drilled/Augered Hole	81.73
31 63 36 00-0009	LF	24" Diameter, Up To 24' Depth, Drilled/Augered Hole	96.34
31 63 36 00-0010	LF	26" Diameter, Up To 24' Depth, Drilled/Augered Hole	104.13
31 63 36 00-0011	LF	28" Diameter, Up To 24' Depth, Drilled/Augered Hole	114.56
31 63 36 00-0012	LF	30" Diameter, Up To 24' Depth, Drilled/Augered Hole	125.48

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*

Note: Includes guides, bracing and alignment.

31 63 36 00-0015	VLF	8" x 8" x 36 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	33.57
		For >2,400 To 3,600, Deduct	*-1.18*
		For >3,600 To 4,800, Deduct	*-2.36*
		For >4,800 To 6,000, Deduct	*-4.04*
		For >6,000, Deduct	*-5.72*
31 63 36 00-0016	VLF	10" x 10" x 42 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	37.57
		For >2,400 To 3,600, Deduct	*-1.30*
		For >3,600 To 4,800, Deduct	*-2.60*
		For >4,800 To 6,000, Deduct	*-4.48*
		For >6,000, Deduct	*-6.36*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0017	VLF	10" x 10" x 57 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	45.84	
		For >2,400 To 3,600, Deduct	*-1.51*	
		For >3,600 To 4,800, Deduct	*-3.01*	
		For >4,800 To 6,000, Deduct	*-5.30*	
		For >6,000, Deduct	*-7.60*	
31 63 36 00-0018	VLF	12" x 12" x 53 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	44.07	
		For >2,400 To 3,600, Deduct	*-1.47*	
		For >3,600 To 4,800, Deduct	*-2.95*	
		For >4,800 To 6,000, Deduct	*-5.15*	
		For >6,000, Deduct	*-7.35*	
31 63 36 00-0019	VLF	12" x 12" x 63 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	49.58	
		For >2,400 To 3,600, Deduct	*-1.61*	
		For >3,600 To 4,800, Deduct	*-3.22*	
		For >4,800 To 6,000, Deduct	*-5.70*	
		For >6,000, Deduct	*-8.18*	
31 63 36 00-0020	VLF	12" x 12" x 74 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	56.88	
		For >2,400 To 3,600, Deduct	*-1.82*	
		For >3,600 To 4,800, Deduct	*-3.65*	
		For >4,800 To 6,000, Deduct	*-6.49*	
		For >6,000, Deduct	*-9.34*	
31 63 36 00-0021	VLF	12" x 12" x 84 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	62.39	
		For >2,400 To 3,600, Deduct	*-1.96*	
		For >3,600 To 4,800, Deduct	*-3.92*	
		For >4,800 To 6,000, Deduct	*-7.04*	
		For >6,000, Deduct	*-10.16*	
31 63 36 00-0022	VLF	14" x 14" x 73 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	56.73	
		For >2,400 To 3,600, Deduct	*-1.83*	
		For >3,600 To 4,800, Deduct	*-3.66*	
		For >4,800 To 6,000, Deduct	*-6.50*	
		For >6,000, Deduct	*-9.33*	
31 63 36 00-0023	VLF	14" x 14" x 89 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	66.10	
		For >2,400 To 3,600, Deduct	*-2.06*	
		For >3,600 To 4,800, Deduct	*-4.13*	
		For >4,800 To 6,000, Deduct	*-7.43*	
		For >6,000, Deduct	*-10.74*	
31 63 36 00-0024	VLF	14" x 14" x 102 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	74.10	
		For >2,400 To 3,600, Deduct	*-2.30*	
		For >3,600 To 4,800, Deduct	*-4.60*	
		For >4,800 To 6,000, Deduct	*-8.30*	
		For >6,000, Deduct	*-12.01*	
31 63 36 00-0025	VLF	14" x 14" x 117 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	82.92	
		For >2,400 To 3,600, Deduct	*-2.52*	
		For >3,600 To 4,800, Deduct	*-5.04*	
		For >4,800 To 6,000, Deduct	*-9.18*	
		For >6,000, Deduct	*-13.33*	

31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

31 63 36 00-0027	EA	5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	14.20	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.65*	
31 63 36 00-0028	EA	5/8" Diameter x 5" Long, Welded Steel Stud Pins	15.73	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.77*	
31 63 36 00-0029	EA	5/8" Diameter x 7" Long, Welded Steel Stud Pins	17.20	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.88*	
31 63 36 00-0030	EA	3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins	15.75	
		For >50 To 150, Deduct	*-0.67*	
		For >150 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.85*	
31 63 36 00-0031	EA	3/4" Diameter x 5" Long, Welded Steel Stud Pins	18.06	
		For >50 To 150, Deduct	*-0.67*	
		For >150 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.02*	
31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	19.68	
		For >50 To 150, Deduct	*-0.67*	
		For >150 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.14*	
31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	17.66	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	21.43	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.34*	
31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	23.27	
		For >50 To 150, Deduct	*-0.70*	
		For >150 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.48*	

31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	47.47	
31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	52.73	
31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	58.00	
31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	63.28	
31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	68.54	
31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	73.81	
31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	87.15	

31 64 Caissons *(31 60)*

31 64 13 Box Caissons *(31 64)*

31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.	61.93	
		For >50' To 100' Deep, Add	*5.94*	
		For >100' To 150' Deep, Add	*15.48*	
		For >150' To 200' Deep, Add	*20.59*	
		For Right Angle Drilling, Add	*16.65*	
31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.	77.21	
		For >50' To 100' Deep, Add	*8.10*	
		For >100' To 150' Deep, Add	*19.30*	
		For >150' To 200' Deep, Add	*26.54*	
		For Right Angle Drilling, Add	*18.59*	
31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.	108.71	
		For >50' To 100' Deep, Add	*11.91*	
		For >100' To 150' Deep, Add	*27.18*	
		For >150' To 200' Deep, Add	*37.99*	
		For Right Angle Drilling, Add	*24.61*	
31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.	143.31	
		For >50' To 100' Deep, Add	*16.21*	
		For >100' To 150' Deep, Add	*35.83*	
		For >150' To 200' Deep, Add	*50.72*	
		For Right Angle Drilling, Add	*30.84*	
31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.	182.69	
		For >50' To 100' Deep, Add	*21.43*	
		For >100' To 150' Deep, Add	*45.67*	
		For >150' To 200' Deep, Add	*65.61*	
		For Right Angle Drilling, Add	*36.94*	
31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.	219.50	
		For >50' To 100' Deep, Add	*26.23*	
		For >100' To 150' Deep, Add	*54.88*	
		For >150' To 200' Deep, Add	*79.44*	
		For Right Angle Drilling, Add	*42.86*	
31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.	263.75	
		For >50' To 100' Deep, Add	*32.50*	
		For >100' To 150' Deep, Add	*65.94*	
		For >150' To 200' Deep, Add	*96.67*	
		For Right Angle Drilling, Add	*48.45*	
31 64 13 00-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.	308.95	
		For >50' To 100' Deep, Add	*38.91*	
		For >100' To 150' Deep, Add	*77.24*	
		For >150' To 200' Deep, Add	*114.29*	
		For Right Angle Drilling, Add	*54.13*	
31 64 13 00-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.	360.11	
		For >50' To 100' Deep, Add	*46.12*	
		For >100' To 150' Deep, Add	*90.03*	
		For >150' To 200' Deep, Add	*134.17*	
		For Right Angle Drilling, Add	*60.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water	418.64	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*54.43*	
		For >100' To 150' Deep, Add	*104.66*	
		For >150' To 200' Deep, Add	*157.00*	
		For Right Angle Drilling, Add	*68.00*	
31 64 13 00-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water	476.92	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*62.87*	
		For >100' To 150' Deep, Add	*119.23*	
		For >150' To 200' Deep, Add	*179.94*	
		For Right Angle Drilling, Add	*74.77*	
31 64 13 00-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water	539.04	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*71.93*	
		For >100' To 150' Deep, Add	*134.76*	
		For >150' To 200' Deep, Add	*204.46*	
		For Right Angle Drilling, Add	*81.79*	

31 64 13 00-0015 For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*

31 64 13 00-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY	484.12	
		For >50' To 100' Deep, Add	*39.16*	
		For >100' To 150' Deep, Add	*121.03*	
		For >150' To 200' Deep, Add	*151.82*	
31 64 13 00-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY	1,701.75	
		For >50' To 100' Deep, Add	*137.86*	
		For >100' To 150' Deep, Add	*425.44*	
		For >150' To 200' Deep, Add	*533.95*	
31 64 13 00-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY	2,571.88	
		For >50' To 100' Deep, Add	*211.55*	
		For >100' To 150' Deep, Add	*642.97*	
		For >150' To 200' Deep, Add	*810.97*	
31 64 13 00-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY	3,569.66	
		For >50' To 100' Deep, Add	*294.18*	
		For >100' To 150' Deep, Add	*892.42*	
		For >150' To 200' Deep, Add	*1,126.28*	
31 64 13 00-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY	4,848.50	
		For >50' To 100' Deep, Add	*392.68*	
		For >100' To 150' Deep, Add	*1,212.13*	
		For >150' To 200' Deep, Add	*1,521.16*	
31 64 13 00-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY	5,701.25	
		For >50' To 100' Deep, Add	*461.55*	
		For >100' To 150' Deep, Add	*1,425.31*	
		For >150' To 200' Deep, Add	*1,788.45*	
31 64 13 00-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY	9,670.15	
		For >50' To 100' Deep, Add	*781.33*	
		For >100' To 150' Deep, Add	*2,417.54*	
		For >150' To 200' Deep, Add	*3,031.57*	
31 64 13 00-0023	EA	Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY	13,974.84	
		For >50' To 100' Deep, Add	*1,140.24*	
		For >100' To 150' Deep, Add	*3,493.71*	
		For >150' To 200' Deep, Add	*4,394.95*	

31 64 13 00-0024 Caisson In Wet Ground, Casing Pulled *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0025 Caisson In Wet Ground *(31 64 13 00-0024)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0026	VLF	18" Diameter Caisson Wet Ground, Casing Pulled	68.72	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*6.41*	
		For >100' To 150' Deep, Add	*17.18*	
		For >150' To 200' Deep, Add	*22.62*	
		For Right Angle Drilling, Add	*19.05*	
31 64 13 00-0027	VLF	24" Diameter Caisson Wet Ground, Casing Pulled	114.95	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*10.75*	
		For >100' To 150' Deep, Add	*28.74*	
		For >150' To 200' Deep, Add	*37.86*	
		For Right Angle Drilling, Add	*31.80*	
31 64 13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled	151.19	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*14.88*	
		For >100' To 150' Deep, Add	*37.80*	
		For >150' To 200' Deep, Add	*50.73*	
		For Right Angle Drilling, Add	*39.48*	
31 64 13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled	207.21	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*20.69*	
		For >100' To 150' Deep, Add	*51.80*	
		For >150' To 200' Deep, Add	*69.89*	
		For Right Angle Drilling, Add	*53.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled	261.56	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*26.95*	
		For >100' To 150' Deep, Add	*65.39*	
		For >150' To 200' Deep, Add	*89.27*	
		For Right Angle Drilling, Add	*64.55*	
31 64 13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled	313.03	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*32.78*	
		For >100' To 150' Deep, Add	*78.26*	
		For >150' To 200' Deep, Add	*107.49*	
		For Right Angle Drilling, Add	*75.60*	
31 64 13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled	403.86	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*42.31*	
		For >100' To 150' Deep, Add	*100.97*	
		For >150' To 200' Deep, Add	*138.71*	
		For Right Angle Drilling, Add	*97.48*	
31 64 13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled	494.43	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*51.89*	
		For >100' To 150' Deep, Add	*123.61*	
		For >150' To 200' Deep, Add	*169.93*	
		For Right Angle Drilling, Add	*119.05*	
31 64 13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled	563.00	
		Note: 0.87 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*60.32*	
		For >100' To 150' Deep, Add	*140.75*	
		For >150' To 200' Deep, Add	*195.04*	
		For Right Angle Drilling, Add	*131.71*	
31 64 13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled	638.91	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*69.85*	
		For >100' To 150' Deep, Add	*159.73*	
		For >150' To 200' Deep, Add	*223.08*	
		For Right Angle Drilling, Add	*145.10*	
31 64 13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled	725.94	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*80.31*	
		For >100' To 150' Deep, Add	*181.49*	
		For >150' To 200' Deep, Add	*254.64*	
		For Right Angle Drilling, Add	*161.92*	
31 64 13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled	817.30	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*91.41*	
		For >100' To 150' Deep, Add	*204.33*	
		For >150' To 200' Deep, Add	*287.94*	
		For Right Angle Drilling, Add	*179.18*	
31 64 13 00-0038		For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*		
31 64 13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY	558.03	
		For >50' To 100' Deep, Add	*44.33*	
		For >100' To 150' Deep, Add	*139.51*	
		For >150' To 200' Deep, Add	*174.00*	
31 64 13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY	1,943.84	
		For >50' To 100' Deep, Add	*154.81*	
		For >100' To 150' Deep, Add	*485.96*	
		For >150' To 200' Deep, Add	*606.57*	
31 64 13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY	2,680.91	
		For >50' To 100' Deep, Add	*199.67*	
		For >100' To 150' Deep, Add	*670.23*	
		For >150' To 200' Deep, Add	*819.28*	
31 64 13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY	4,268.34	
		For >50' To 100' Deep, Add	*343.09*	
		For >100' To 150' Deep, Add	*1,067.09*	
		For >150' To 200' Deep, Add	*1,335.88*	
31 64 13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY	5,538.45	
		For >50' To 100' Deep, Add	*440.98*	
		For >100' To 150' Deep, Add	*1,384.61*	
		For >150' To 200' Deep, Add	*1,728.14*	
31 64 13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY	6,512.96	
		For >50' To 100' Deep, Add	*518.36*	
		For >100' To 150' Deep, Add	*1,628.24*	
		For >150' To 200' Deep, Add	*2,031.96*	
31 64 13 00-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY	11,050.05	
		For >50' To 100' Deep, Add	*877.92*	
		For >100' To 150' Deep, Add	*2,762.51*	
		For >150' To 200' Deep, Add	*3,445.54*	
31 64 13 00-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY	15,946.12	
		For >50' To 100' Deep, Add	*1,278.23*	
		For >100' To 150' Deep, Add	*3,986.53*	
		For >150' To 200' Deep, Add	*4,986.34*	
31 64 13 00-0047		Caisson In Soft Rock And Medium Hard Shale *(31 64 13)*		
		Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0048		Caisson In Soft Rock *(31 64 13 00-0047)*		
		Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	269.75	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*20.48*	
		For >100' To 150' Deep, Add	*67.44*	
		For >150' To 200' Deep, Add	*82.93*	
		For Right Angle Drilling, Add	*89.41*	
31 64 13 00-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	450.05	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*34.20*	
		For >100' To 150' Deep, Add	*112.51*	
		For >150' To 200' Deep, Add	*138.39*	
		For Right Angle Drilling, Add	*149.08*	
31 64 13 00-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	678.12	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*51.77*	
		For >100' To 150' Deep, Add	*169.53*	
		For >150' To 200' Deep, Add	*208.81*	
		For Right Angle Drilling, Add	*223.91*	
31 64 13 00-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	865.97	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*66.80*	
		For >100' To 150' Deep, Add	*216.49*	
		For >150' To 200' Deep, Add	*267.52*	
		For Right Angle Drilling, Add	*283.77*	
31 64 13 00-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,112.93	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*86.55*	
		For >100' To 150' Deep, Add	*278.23*	
		For >150' To 200' Deep, Add	*344.68*	
		For Right Angle Drilling, Add	*362.53*	
31 64 13 00-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,341.77	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*104.79*	
		For >100' To 150' Deep, Add	*335.44*	
		For >150' To 200' Deep, Add	*416.12*	
		For Right Angle Drilling, Add	*435.66*	
31 64 13 00-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,640.24	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*128.85*	
		For >100' To 150' Deep, Add	*410.06*	
		For >150' To 200' Deep, Add	*509.62*	
		For Right Angle Drilling, Add	*530.22*	
31 64 13 00-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,938.71	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*152.99*	
		For >100' To 150' Deep, Add	*484.68*	
		For >150' To 200' Deep, Add	*603.21*	
		For Right Angle Drilling, Add	*624.55*	
31 64 13 00-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,128.12	
		Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*169.88*	
		For >100' To 150' Deep, Add	*532.03*	
		For >150' To 200' Deep, Add	*664.57*	
		For Right Angle Drilling, Add	*679.50*	
31 64 13 00-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,323.95	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*187.80*	
		For >100' To 150' Deep, Add	*580.99*	
		For >150' To 200' Deep, Add	*728.59*	
		For Right Angle Drilling, Add	*734.86*	
31 64 13 00-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,378.49	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*195.98*	
		For >100' To 150' Deep, Add	*594.62*	
		For >150' To 200' Deep, Add	*750.41*	
		For Right Angle Drilling, Add	*740.32*	
31 64 13 00-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,840.87	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*233.06*	
		For >100' To 150' Deep, Add	*710.22*	
		For >150' To 200' Deep, Add	*895.01*	
		For Right Angle Drilling, Add	*887.43*	
31 64 13 00-0061		For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*		
31 64 13 00-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	959.89	
		For >50' To 100' Deep, Add	*72.46*	
		For >100' To 150' Deep, Add	*239.97*	
		For >150' To 200' Deep, Add	*294.55*	
31 64 13 00-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	3,377.70	
		For >50' To 100' Deep, Add	*255.18*	
		For >100' To 150' Deep, Add	*844.43*	
		For >150' To 200' Deep, Add	*1,036.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	5,059.19	
		For >50' To 100' Deep, Add	*385.66*	
		For >100' To 150' Deep, Add	*1,264.80*	
		For >150' To 200' Deep, Add	*1,557.16*	
31 64 13 00-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	7,203.50	
		For >50' To 100' Deep, Add	*548.55*	
		For >100' To 150' Deep, Add	*1,800.88*	
		For >150' To 200' Deep, Add	*2,216.43*	
31 64 13 00-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	9,524.96	
		For >50' To 100' Deep, Add	*720.03*	
		For >100' To 150' Deep, Add	*2,381.24*	
		For >150' To 200' Deep, Add	*2,924.09*	
31 64 13 00-0067	EA	Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	11,608.27	
		For >50' To 100' Deep, Add	*875.04*	
		For >100' To 150' Deep, Add	*2,902.07*	
		For >150' To 200' Deep, Add	*3,560.55*	
31 64 13 00-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	17,546.58	
		For >50' To 100' Deep, Add	*1,332.68*	
		For >100' To 150' Deep, Add	*4,386.65*	
		For >150' To 200' Deep, Add	*5,394.50*	
31 64 13 00-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	26,386.97	
		For >50' To 100' Deep, Add	*2,009.09*	
		For >100' To 150' Deep, Add	*6,596.74*	
		For >150' To 200' Deep, Add	*8,118.59*	

31 64 13 00-0070 Set-up And Removal Of Caisson *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

31 64 13 00-0071	EA	Erect, Set-up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	3,933.00
31 64 13 00-0072	EA	Erect, Set-up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	5,541.97
31 64 13 00-0073	EA	Dismantle, Relocate, Erect And Set-up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter	1,854.78
31 64 13 00-0074	EA	Dismantle, Relocate, Erect And Set-up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter	2,473.03
31 64 13 00-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling	154.57

31 66 Special Foundation *(31 60)*

31 66 15 Helical Foundation Piles *(31 66)*

31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

31 66 15 00-0002	EA	Structural Steel Piers (Atlas Pier System Or Equal) Note: Includes heavy-duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	3,480.91
31 66 15 00-0003	EA	Pressure Injecting Grout For Slab Repairs, Per Location Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	471.38
31 66 15 00-0004	CY	Pressure Injected Non-Shrink Grout	482.85

31 68 Foundation Anchors *(31 60)*

31 68 13 Rock Foundation Anchors *(31 68)*

31 68 13 00-0001 Materials And Placement *(31 68 13)*

31 68 13 00-0002 Hollow Core Prestressable Anchor, ASTM A615 *(31 68 13 00-0001)*

Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.

31 68 13 00-0003 3/4" Diameter *(31 68 13 00-0002)*

31 68 13 00-0004	EA	3/4" Rock Bolt, 5' Hollow Core Prestressable Anchor	259.48
31 68 13 00-0005	EA	3/4" Rock Bolt, 10' Hollow Core Prestressable Anchor	376.53
31 68 13 00-0006	EA	3/4" Rock Bolt, 15' Hollow Core Prestressable Anchor	469.67
31 68 13 00-0007	EA	3/4" Rock Bolt, 20' Hollow Core Prestressable Anchor	610.62

31 68 13 00-0008 1" Diameter *(31 68 13 00-0002)*

31 68 13 00-0009	EA	1" Rock Bolt, 5' Hollow Core Prestressable Anchor	337.33
31 68 13 00-0010	EA	1" Rock Bolt, 10' Hollow Core Prestressable Anchor	526.22
31 68 13 00-0011	EA	1" Rock Bolt, 15' Hollow Core Prestressable Anchor	691.22
31 68 13 00-0012	EA	1" Rock Bolt, 20' Hollow Core Prestressable Anchor	904.06

31 68 13 00-0013 1-3/8" Diameter *(31 68 13 00-0002)*

31 68 13 00-0014	EA	1-3/8" Rock Bolt, 5' Hollow Core Prestressable Anchor	577.38
31 68 13 00-0015	EA	1-3/8" Rock Bolt, 10' Hollow Core Prestressable Anchor	903.92
31 68 13 00-0016	EA	1-3/8" Rock Bolt, 15' Hollow Core Prestressable Anchor	1,206.61
31 68 13 00-0017	EA	1-3/8" Rock Bolt, 20' Hollow Core Prestressable Anchor	1,557.06

31 68 13 00-0018 2" Diameter *(31 68 13 00-0002)*

31 68 13 00-0019	EA	2" Rock Bolt, 5' Hollow Core Prestressable Anchor	1,307.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0020	EA	2" Rock Bolt, 10' Hollow Core Prestressable Anchor	1,948.39	
31 68 13 00-0021	EA	2" Rock Bolt, 15' Hollow Core Prestressable Anchor	2,565.35	
31 68 13 00-0022	EA	2" Rock Bolt, 20' Hollow Core Prestressable Anchor	3,230.20	
31 68 13 00-0023		Super High-Tensile Anchors, ASTM A-108 *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0024		3/4" Diameter *(31 68 13 00-0023)*		
31 68 13 00-0025	EA	3/4" Rock Bolt, 5' Super High-Tensile Anchor	180.70	
31 68 13 00-0026	EA	3/4" Rock Bolt, 10' Super High-Tensile Anchor	241.11	
31 68 13 00-0027	EA	3/4" Rock Bolt, 15' Super High-Tensile Anchor	277.48	
31 68 13 00-0028	EA	3/4" Rock Bolt, 20' Super High-Tensile Anchor	359.04	
31 68 13 00-0029		1" Diameter *(31 68 13 00-0023)*		
31 68 13 00-0030	EA	1" Rock Bolt, 5' Super High-Tensile Anchor	221.12	
31 68 13 00-0031	EA	1" Rock Bolt, 10' Super High-Tensile Anchor	309.19	
31 68 13 00-0032	EA	1" Rock Bolt, 15' Super High-Tensile Anchor	370.11	
31 68 13 00-0033	EA	1" Rock Bolt, 20' Super High-Tensile Anchor	478.83	
31 68 13 00-0034		1-1/4" Diameter *(31 68 13 00-0023)*		
31 68 13 00-0035	EA	1-1/4" Rock Bolt, 5' Super High-Tensile Anchor	339.79	
31 68 13 00-0036	EA	1-1/4" Rock Bolt, 10' Super High-Tensile Anchor	479.30	
31 68 13 00-0037	EA	1-1/4" Rock Bolt, 15' Super High-Tensile Anchor	594.16	
31 68 13 00-0038	EA	1-1/4" Rock Bolt, 20' Super High-Tensile Anchor	752.04	
31 68 13 00-0039		2" Diameter *(31 68 13 00-0023)*		
31 68 13 00-0040	EA	2" Rock Bolt, 5' Super High-Tensile Anchor	943.87	
31 68 13 00-0041	EA	2" Rock Bolt, 10' Super High-Tensile Anchor	1,344.54	
31 68 13 00-0042	EA	2" Rock Bolt, 15' Super High-Tensile Anchor	1,650.91	
31 68 13 00-0043	EA	2" Rock Bolt, 20' Super High-Tensile Anchor	2,023.63	
31 68 13 00-0044		Solid Rebar Anchors, ASTM A615 *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0045		3/4" Diameter *(31 68 13 00-0044)*		
31 68 13 00-0046	EA	3/4" Rock Bolt, 5' Solid Rebar Anchor	167.73	
31 68 13 00-0047	EA	3/4" Rock Bolt, 10' Solid Rebar Anchor	213.67	
31 68 13 00-0048	EA	3/4" Rock Bolt, 15' Solid Rebar Anchor	235.67	
31 68 13 00-0049	EA	3/4" Rock Bolt, 20' Solid Rebar Anchor	305.51	
31 68 13 00-0050		1" Diameter *(31 68 13 00-0044)*		
31 68 13 00-0051	EA	1" Rock Bolt, 5' Solid Rebar Anchor	192.70	
31 68 13 00-0052	EA	1" Rock Bolt, 10' Solid Rebar Anchor	254.97	
31 68 13 00-0053	EA	1" Rock Bolt, 15' Solid Rebar Anchor	293.38	
31 68 13 00-0054	EA	1" Rock Bolt, 20' Solid Rebar Anchor	379.50	
31 68 13 00-0055		1-1/4" Diameter *(31 68 13 00-0044)*		
31 68 13 00-0056	EA	1-1/4" Rock Bolt, 5' Solid Rebar Anchor	292.59	
31 68 13 00-0057	EA	1-1/4" Rock Bolt, 10' Solid Rebar Anchor	376.43	
31 68 13 00-0058	EA	1-1/4" Rock Bolt, 15' Solid Rebar Anchor	436.52	
31 68 13 00-0059	EA	1-1/4" Rock Bolt, 20' Solid Rebar Anchor	544.35	
31 68 13 00-0060		Resin Anchoring With Grade 60 Rebar *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0081 for rebar collars, 31 68 13 00-0083 for resin cartridges, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0061		Rebar #6 *(31 68 13 00-0060)*		
31 68 13 00-0062	EA	#6 Rebar Rock Anchor, 5' Resin Anchor With Grade 60 Rebar	80.07	
31 68 13 00-0063	EA	#6 Rebar Rock Anchor, 10' Resin Anchor With Grade 60 Rebar	112.34	
31 68 13 00-0064	EA	#6 Rebar Rock Anchor, 15' Resin Anchor With Grade 60 Rebar	120.71	
31 68 13 00-0065	EA	#6 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	160.14	
31 68 13 00-0066		Rebar #8 *(31 68 13 00-0060)*		
31 68 13 00-0067	EA	#8 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	86.58	
31 68 13 00-0068	EA	#8 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	125.36	
31 68 13 00-0069	EA	#8 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	140.24	
31 68 13 00-0070	EA	#8 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	202.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0071		**Rebar #10** *(31 68 13 00-0060)*		
31 68 13 00-0072	EA	#10 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	95.88	
31 68 13 00-0073	EA	#10 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	143.96	
31 68 13 00-0074	EA	#10 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	168.15	
31 68 13 00-0075	EA	#10 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	240.13	
31 68 13 00-0076		**Rebar #14** *(31 68 13 00-0060)*		
31 68 13 00-0077	EA	#14 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	118.20	
31 68 13 00-0078	EA	#14 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	188.61	
31 68 13 00-0079	EA	#14 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	235.11	
31 68 13 00-0080	EA	#14 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	329.41	
31 68 13 00-0081		**Plastic Rebar Collars, Sizes #6-#14** *(31 68 13 00-0060)*		
31 68 13 00-0082	EA	Plastic Rebar Collars For Rebar #4 To #14	2.56	
31 68 13 00-0083		**12" Long Resin Cartridges** *(31 68 13 00-0001)*		
31 68 13 00-0084	EA	7/8" Resin Cartridge 12" Long	2.80	
31 68 13 00-0085	EA	1" Resin Cartridge 12" Long	3.84	
31 68 13 00-0086	EA	1-1/16" Resin Cartridge 12" Long	4.11	
31 68 13 00-0087	EA	1-1/4" Resin Cartridge 12" Long	4.44	
31 68 13 00-0088	EA	1-3/8" Resin Cartridge 12" Long	5.10	
31 68 13 00-0089	EA	1-9/16" Resin Cartridge 12" Long	6.39	
31 68 13 00-0090	EA	1-3/4" Resin Cartridge 12" Long	8.77	
31 68 13 00-0091		**Head Assembly** *(31 68 13 00-0001)*		
31 68 13 00-0092		**3/4" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0093	EA	3/4" Rod Head Assembly 1-5/8" Short Cone and Shell	40.69	
31 68 13 00-0094	EA	3/4" Rod Head Assembly 1-3/4" Short Cone and Shell	34.27	
31 68 13 00-0095	EA	3/4" Rod Head Assembly 1-7/8" Short Cone and Shell	35.95	
31 68 13 00-0096	EA	3/4" Rod Head Assembly 1-3/4" Long Cone and Shell	64.55	
31 68 13 00-0097	EA	3/4" Rod Head Assembly 1-7/8" Long Cone and Shell	64.55	
31 68 13 00-0098	EA	3/4" Rod Head Assembly 1-3/4" Long Cone and Shell	61.15	
31 68 13 00-0099		**1" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0100	EA	1" Rod Head Assembly 1-5/8" Short Cone and Shell	43.85	
31 68 13 00-0101	EA	1" Rod Head Assembly 1-3/4" Short Cone and Shell	37.53	
31 68 13 00-0102	EA	1" Rod Head Assembly 1-7/8" Short Cone and Shell	39.20	
31 68 13 00-0103	EA	1" Rod Head Assembly 1-3/4" Long Cone and Shell	67.90	
31 68 13 00-0104	EA	1" Rod Head Assembly 1-7/8" Long Cone and Shell	67.90	
31 68 13 00-0105	EA	1" Rod Head Assembly 1-3/4" Long Cone and Shell	64.73	
31 68 13 00-0106		**1-1/4" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0107	EA	1-1/4" Rod Head Assembly 2" Short Cone and Shell	97.84	
31 68 13 00-0108	EA	1-1/4" Rod Head Assembly 2-1/4" Short Cone and Shell	114.31	
31 68 13 00-0109	EA	1-1/4" Rod Head Assembly 2-1/2" Short Cone and Shell	115.93	
31 68 13 00-0110	EA	1-1/4" Rod Head Assembly 2-1/4" Long Cone and Shell	102.82	
31 68 13 00-0111	EA	1-1/4" Rod Head Assembly 2-1/2" Long Cone and Shell	119.89	
31 68 13 00-0112		**1-7/8" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0113	EA	1-7/8" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl	385.10	
31 68 13 00-0114	EA	1/7/8" Rod Head Assembly 3" Long Cone and Shell	265.49	
31 68 13 00-0115		**2" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0116	EA	2" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl	385.10	
31 68 13 00-0117	EA	2" Rod Head Assembly 3" Long Cone and Shell	265.49	
31 68 13 00-0118		**Steel Plates With Standard Hole And Washers** *(31 68 13 00-0001)*		
31 68 13 00-0119		**Steel Plates** *(31 68 13 00-0118)*		
31 68 13 00-0120	EA	1/4" x 4" x 4" Steel Plate For Rock Bolt With Washer	3.31	
31 68 13 00-0121	EA	1/4" x 6" x 6" Steel Plate For Rock Bolt With Washer	6.11	
31 68 13 00-0122	EA	3/8" x 6" x 6" Steel Plate For Rock Bolt With Washer	8.50	
31 68 13 00-0123	EA	3/8" x 8" x 8" Steel Plate For Rock Bolt With Washer	14.91	
31 68 13 00-0124	EA	1/2" x 5" x 5" Steel Plate For Rock Bolt With Washer	5.79	
31 68 13 00-0125	EA	1/2" x 8" x 8" Steel Plate For Rock Bolt With Washer	15.21	
31 68 13 00-0126	EA	3/4" x 7" x 7" Steel Plate For Rock Bolt With Washer	25.24	
31 68 13 00-0127	EA	3/4" x 8" x 8" Steel Plate For Rock Bolt With Washer	35.76	
31 68 13 00-0128	EA	1" x 4" x 7" Steel Plate For Rock Bolt With Washer	21.46	
31 68 13 00-0129	EA	1" x 9" x 9" Steel Plate For Rock Bolt With Washer	60.72	
31 68 13 00-0130	EA	1" x 12" x 12" Steel Plate For Rock Bolt With Washer	89.47	
31 68 13 00-0131	EA	1-1/4" x 5" x 8" Steel Plate For Rock Bolt With Washer	39.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0132	EA	1-1/4" x 11" x 11" Steel Plate For Rock Bolt With Washer	106.23	
31 68 13 00-0133	EA	1-1/2" x 5" x 10" Steel Plate For Rock Bolt With Washer	53.12	
31 68 13 00-0134	EA	1-1/2" x 12" x 12" Steel Plate For Rock Bolt With Washer	127.77	
31 68 13 00-0135	EA	1-3/4" x 5" x 10" Steel Plate For Rock Bolt With Washer	58.64	
31 68 13 00-0136	EA	1-3/4" x 12" x 12" Steel Plate For Rock Bolt With Washer	141.71	
31 68 13 00-0137		Hardened Washers *(31 68 13 00-0118)*		
31 68 13 00-0138	EA	Hardened Washer For 3/4" Diameter Rock Bolt	1.35	
31 68 13 00-0139	EA	Hardened Washer For 1" Diameter Rock Bolt	1.86	
31 68 13 00-0140	EA	Hardened Washer For 1-1/4" Diameter Rock Bolt	5.21	
31 68 13 00-0141	EA	Hardened Washer For 2" Diameter Rock Bolt	12.97	
31 68 13 00-0142		Beveled Washers *(31 68 13 00-0118)*		
31 68 13 00-0143	EA	Beveled Washer For 3/4" Diameter Rock Bolt	3.39	
31 68 13 00-0144	EA	Beveled Washer For 7/8" To 1-1/8" Diameter Rock Bolt	3.35	
31 68 13 00-0145	EA	Beveled Wash For 1-1/4" To 1-3/8" Diameter Rock Bolt	5.07	
31 68 13 00-0146	EA	Beveled Washer For 1-1/2" Diameter Rock Bolt	21.67	
31 68 13 00-0147	EA	Beveled Washer For 2" Diameter Rock Bolt	14.97	
31 68 13 00-0148		Hex Nuts *(31 68 13 00-0118)*		
31 68 13 00-0149	EA	Hex Nut For 3/4" Diameter Rock Bolt	2.65	
31 68 13 00-0150	EA	Hex Nut For 1" Diameter Rock Bolt	4.32	
31 68 13 00-0151	EA	Hex Nut For 1-1/4" Diameter Rock Bolt	17.72	
31 68 13 00-0152	EA	Hex Nut For 1-1/2" Diameter Rock Bolt	11.16	
31 68 13 00-0153	EA	Hex Nut For 2" Diameter Rock Bolt	71.20	
31 68 13 00-0154		Drilling Operation For Rock Bolts *(31 68 13)*		
31 68 13 00-0155		Drill Holes For Rock Bolts *(31 68 13 00-0154)*		
31 68 13 00-0156		3/4" Diameter Bolt, 1-3/4" Hole *(31 68 13 00-0155)*		
31 68 13 00-0157	EA	Drill 1-3/4" Diameter Hole x 5' Long For 3/4" Diameter Rock Bolts	209.71	
31 68 13 00-0158	EA	Drill 1-3/4" Diameter Hole x 10' Long For 3/4" Diameter Rock Bolts	396.12	
31 68 13 00-0159	EA	Drill 1-3/4" Diameter Hole x 15' Long For 3/4" Diameter Rock Bolts	594.18	
31 68 13 00-0160	EA	Drill 1-3/4" Diameter Hole x 20' Long For 3/4" Diameter Rock Bolts	713.01	
31 68 13 00-0161		1" Diameter Bolt, 2" Hole *(31 68 13 00-0155)*		
31 68 13 00-0162	EA	Drill 2" Diameter Hole x 5' Long For 1" Diameter Rock Bolt	274.24	
31 68 13 00-0163	EA	Drill 2" Diameter Hole x 10' Long For 1" Diameter Rock Bolt	509.30	
31 68 13 00-0164	EA	Drill 2" Diameter Hole x 15' Long For 1" Diameter Rock Bolt	713.01	
31 68 13 00-0165	EA	Drill 2" Diameter Hole x 20' Long For 1" Diameter Rock Bolt	891.26	
31 68 13 00-0166		1-1/4" Diameter Bolt, 2-1/4" Hole *(31 68 13 00-0155)*		
31 68 13 00-0167	EA	Drill 2-1/4" Diameter Hole x 5' Long For 1-1/4" Diameter Rock Bolt	297.08	
31 68 13 00-0168	EA	Drill 2-1/4" Diameter Hole x 10' Long For 1-1/4" Diameter Rock Bolt	594.18	
31 68 13 00-0169	EA	Drill 2-1/4" Diameter Hole x 15' long For 1-1/4" Diameter Rock Bolt	891.26	
31 68 13 00-0170	EA	Drill 2-1/4" Diameter Hole x 20' Long For 1-1/4" Diameter Rock Bolt	1,188.35	
31 68 13 00-0171		2" Diameter Bolt, 3-1/2" Hole *(31 68 13 00-0155)*		
31 68 13 00-0172	EA	Drill 3-1/2" Diameter Hole x 5 Long For 2" Diameter Rock Bolt	356.50	
31 68 13 00-0173	EA	Drill 3-1/2" Diameter Hole x 10' Long For 2" Diameter Rock Bolt	713.01	
31 68 13 00-0174	EA	Drill 3-1/2" Diameter Hole x 15' Long For 2" Diameter Rock Bolts	1,188.35	
31 68 13 00-0175	EA	Drill 3-1/2" Diameter Hole x 20' Long For 2" Diameter Rock Bolt	1,782.52	
31 68 13 00-0176		Tools *(31 68 13)*		
31 68 13 00-0177		Hydraulic Jacks, Monthly Rental *(31 68 13 00-0176)*		
31 68 13 00-0178	EA	1/2" To 1", 30 Ton Hydraulic Jack For Rock Bolt, 2" Stroke	753.95	
31 68 13 00-0179	EA	1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 3" Stroke	1,111.10	
31 68 13 00-0180	EA	1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 10" Stroke	1,863.99	
31 68 13 00-0181	EA	1-7/8" To 2", 100 Ton Hydraulic Jack For Rock Bolt, 10" Stroke	2,790.62	
31 68 13 00-0182	EA	1-7/8" To 2", 150 Ton Hydraulic Jack For Rock Bolt, 12" Stroke	4,171.47	
31 68 13 00-0183		Torque Wrenches And Ratchet Adapter, Monthly Rental *(31 68 13 00-0176)*		
31 68 13 00-0184		0-500 Foot Pounds (0-678J) *(31 68 13 00-0183)*		
31 68 13 00-0185	EA	1/2" To 1" Bolt Diameter Torque Wrench 0 To 500 Foot Pounds, Monthly Rental	263.83	
31 68 13 00-0186	EA	Torque Wrench Ratchet Adapter Monthly Rental, 0 To 500 Foot Pounds	165.38	
31 68 13 00-0187	EA	Torque Wrench With Adapter 0 To 500 Foot Pounds, Monthly Rental	429.53	
31 68 13 00-0188		0-600 Foot Pounds (0-814J) *(31 68 13 00-0183)*		
31 68 13 00-0189	EA	0 To 600 Foot Pounds Torque Wrench Self-Ratcheting, Monthly Rental	299.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0190		Up To 1,000 Foot Pounds (0-1356J) *(31 68 13 00-0183)*		
31 68 13 00-0191	EA	1-1/8" To 2" Bolt Diameter Torque Wrench 0 To 1,000 Foot Pounds, Monthly Rental	575.29	
31 68 13 00-0192	EA	Torque Wrench Ratchet Adapter 0 To 1,000 Foot Pounds, Monthly Rental	141.89	
31 68 13 00-0193	EA	Torque Wrench With Ratchet 0 To 1,000 Foot Pounds, Monthly Rental	717.18	
31 68 13 00-0194		Torque Multiplier, 4:1 Multiplier *(31 68 13 00-0176)*		
31 68 13 00-0195	EA	Torque Multiplier, 4 To 1 Ratio	736.80	
31 68 13 00-0196		Pneumatic Drive Torque Wrench *(31 68 13 00-0176)*		
31 68 13 00-0197	EA	Pneumatic Drive Torque Wrench 250 To 900 Foot Pounds (339J - 1220J)	1,576.57	
31 68 13 00-0198		Grouting *(31 68 13)*		
31 68 13 00-0199		Grouting With Pumps *(31 68 13 00-0198)*		
		Note: Grout material and labor only.		
31 68 13 00-0200	GAL	Rock Bolt Grouting, Hand Pump 1 To 2 GPM Delivery	22.37	
31 68 13 00-0201	GAL	Rock Bolt Grouting, Air Pump 3 To 4 GPM Continuous Delivery	34.05	
31 68 13 00-0202	GAL	Rock Bolt Grout, Air/Piston Pump 2 To 4 GPM Delivery	31.54	
31 68 13 00-0203		Grout Pumps, Monthly Rental *(31 68 13 00-0198)*		
31 68 13 00-0204	EA	Hand Grout Pump, Monthly Rental	179.10	
31 68 13 00-0205	EA	Air Powered Programmable Feed Grout Pump Monthly Rental	1,506.62	
31 68 13 00-0206	EA	Air Powered, Piston Drive Grout Pump Monthly Rental	2,630.43	
31 68 13 00-0207		Rock Bolt Testing *(31 68 13)*		
31 68 13 00-0208	EA	Rock Bolt Test, Low To Medium Capacity LF >100 Bolts Need Testing	622.43	

END OF SECTION 31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal from Paving *(32 01 11)*

32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.59	
		For Up To 250, Add	*1.30*	
		For >250 To 1,000, Add	*0.65*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 25,000, Deduct	*-0.65*	
		For >25,000 To 50,000, Deduct	*-0.91*	
		For >50,000, Deduct	*-1.04*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	3.12	
		For Up To 250, Add	*1.56*	
		For >250 To 1,000, Add	*0.78*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000 To 25,000, Deduct	*-0.78*	
		For >25,000 To 50,000, Deduct	*-1.09*	
		For >50,000, Deduct	*-1.25*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	3.74	
		For Up To 250, Add	*1.87*	
		For >250 To 1,000, Add	*0.94*	
		For >5,000 To 10,000, Deduct	*-0.56*	
		For >10,000 To 25,000, Deduct	*-0.94*	
		For >25,000 To 50,000, Deduct	*-1.31*	
		For >50,000, Deduct	*-1.50*	
32 01 11 53-0005	LF	Removal Of 10" Wide Painted Or Epoxy Pavement Striping	3.56	
		For Up To 250, Add	*1.78*	
		For >250 To 1,000, Add	*0.89*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000 To 25,000, Deduct	*-0.89*	
		For >25,000 To 50,000, Deduct	*-1.25*	
		For >50,000, Deduct	*-1.42*	
32 01 11 53-0006	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	4.47	
		For Up To 250, Add	*2.24*	
		For >250 To 1,000, Add	*1.12*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000 To 25,000, Deduct	*-1.12*	
		For >25,000 To 50,000, Deduct	*-1.56*	
		For >50,000, Deduct	*-1.79*	
32 01 11 53-0007	LF	Remove Paint From Curb	8.33	
32 01 11 53-0008	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	4.47	
		For Up To 250, Add	*2.24*	
		For >250 To 1,000, Add	*1.12*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000 To 25,000, Deduct	*-1.12*	
		For >25,000 To 50,000, Deduct	*-1.56*	
		For >50,000, Deduct	*-1.79*	

32 01 11 53-0009 Remove Thermoplastic Pavement Markings *(32 01 11 53)*

32 01 11 53-0010	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	3.34	
		For Up To 250, Add	*1.67*	
		For >250 To 1,000, Add	*0.84*	
		For >5,000 To 10,000, Deduct	*-0.50*	
		For >10,000 To 25,000, Deduct	*-0.84*	
		For >25,000 To 50,000, Deduct	*-1.17*	
		For >50,000, Deduct	*-1.34*	
32 01 11 53-0011	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	3.94	
		For Up To 250, Add	*1.97*	
		For >250 To 1,000, Add	*0.99*	
		For >5,000 To 10,000, Deduct	*-0.59*	
		For >10,000 To 25,000, Deduct	*-0.99*	
		For >25,000 To 50,000, Deduct	*-1.38*	
		For >50,000, Deduct	*-1.58*	
32 01 11 53-0012	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	4.76	
		For Up To 250, Add	*2.38*	
		For >250 To 1,000, Add	*1.19*	
		For >5,000 To 10,000, Deduct	*-0.71*	
		For >10,000 To 25,000, Deduct	*-1.19*	
		For >25,000 To 50,000, Deduct	*-1.67*	
		For >50,000, Deduct	*-1.90*	
32 01 11 53-0013	LF	Removal Of 10" Wide Thermoplastic Pavement Striping	4.55	
		For Up To 250, Add	*2.28*	
		For >250 To 1,000, Add	*1.14*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 25,000, Deduct	*-1.14*	
		For >25,000 To 50,000, Deduct	*-1.59*	
		For >50,000, Deduct	*-1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 11 53-0014	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	5.70	
		For Up To 250, Add	*2.85*	
		For >250 To 1,000, Add	*1.43*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000 To 25,000, Deduct	*-1.43*	
		For >25,000 To 50,000, Deduct	*-2.00*	
		For >50,000, Deduct	*-2.28*	
32 01 11 53-0015	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	5.70	
		For Up To 250, Add	*2.85*	
		For >250 To 1,000, Add	*1.43*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000 To 25,000, Deduct	*-1.43*	
		For >25,000 To 50,000, Deduct	*-2.00*	
		For >50,000, Deduct	*-2.28*	

32 01 13 Flexible Paving Surface Treatment *(32 01)*

32 01 13 61 Slurry Seal (Latex Modified) *(32 01 13)*

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)*

Note: Includes sweeping and cleaning of area.

32 01 13 61-0002	EA	Minimum Charge For Asphalt Seal Coating Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	943.59	
32 01 13 61-0003	SY	Up To 500 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.51	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.24	
32 01 13 61-0005	SY	>1,000 SY, Type O Asphalt Seal Coating, No Aggregate. Per Coat	3.05	
32 01 13 61-0006	SY	Up To 500 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.75	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0007	SY	>500 To 1,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.55	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0008	SY	>1,000 To 5,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.39	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0009	SY	>5,000 To 20,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.24	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0010	SY	>20,000 To 50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.24	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0011	SY	>50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.98	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0012	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	5.07	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0013	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.75	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0014	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.50	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0015	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.28	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0016	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	4.07	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0017	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb./SY.	3.87	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0018	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	6.42	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0019	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	6.08	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0020	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.81	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0021	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.57	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0022	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.34	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0023	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb./SY.	5.13	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*
Note: Use a blend of emulsified quickset polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	11.55
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	11.02
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.55
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.15
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.80
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.49
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.26
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.14

32 01 16 Flexible Paving Rehabilitation *(32 01)*

See CSI section 33 01 30 86-0000 for raising manhole frame and cover.

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0041 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	4.70	
		For Up To 2,500, Add	*3.53*	
		For >2,500 To 5,000, Add	*1.18*	
		For >10,000 To 25,000, Deduct	*-0.82*	
		For >25,000, Deduct	*-1.18*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	5.93	
		For Up To 2,500, Add	*4.45*	
		For >2,500 To 5,000, Add	*1.48*	
		For >10,000 To 25,000, Deduct	*-1.04*	
		For >25,000, Deduct	*-1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	7.89	
		For Up To 2,500, Add	*5.92*	
		For >2,500 To 5,000, Add	*1.97*	
		For >10,000 To 25,000, Deduct	*-1.38*	
		For >25,000, Deduct	*-1.97*	

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0041 for hauling.

32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	31.25	
		For >100 To 1,000, Deduct	*-15.63*	
		For >1,000, Deduct	*-23.44*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	41.39	
		For >100 To 1,000, Deduct	*-20.70*	
		For >1,000, Deduct	*-31.04*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	55.12	
		For >100 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-41.34*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	8.43	

32 01 16 71-0012 Wedge Grinding Cold Milling *(32 01 16 71)*

Note: Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes water truck. Excludes mobilization, sweeping and cleaning, hauling and disposal. See CSI section 01 74 16 00-0001 for sweeping and cleaning .

32 01 16 71-0013	LF	5' Wedge Grinding/Cold Milling Of Asphalt Up To 3" Depth	8.68	
32 01 16 71-0014	LF	10' Wedge Grinding/Cold Milling Of Asphalt Up To 3" Depth	17.36	

32 01 16 71-0015 Cutback Ramp *(32 01 16 71)*

32 01 16 71-0016	LF	1" Differential, 5' Length, Cutback Ramp	14.22	
32 01 16 71-0017	LF	1-1/2" Differential, 5' Length, Cutback Ramp	17.29	
32 01 16 71-0018	LF	2" Differential, 5' Length, Cutback Ramp	20.10	

32 01 16 73 In Place Cold Reused Asphalt Paving *(32 01 16)*

32 01 16 73-0001 Cold-In-Place-Partial Depth Recycling Process With Foam Asphalt *(32 01 16 73)*

Note: Includes milling between 3"-6" of existing AC surface, computerized metered injection of liquid asphalt, cement, and water mix together as binder with milled material, spread and place with paver, follow by vibratory steel drum roller, Cat CB534D or equivalent, then follow by rubber tired roller, Hypac C560A or equivalent. The Contractor will provide all the necessary engineering, preconstruction soil analysis, stamped mix design, in-place compaction testing of recycled material and any other QC/QA during construction. The recycled material (from milled surface mixed with liquid asphalt, cement, and water) shall meet Class II AB (3/4" max.) gradation and shall compact at 96% relative compaction or higher. The Contractor's process shall be capable of producing between 450-500 tons per hour of recycled, in-place material. The Contractor shall warranty their work for a period of two years. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0002	SF	Up To 30,000 SF Cold In Place Recycling Process With Foam Asphalt	4.60	
32 01 16 73-0003	SF	>30,000 To 42,000 SF Cold In Place Recycling Process With Foam Asphalt	4.27	
32 01 16 73-0004	SF	>42,000 To 71,000 SF Cold In Place Recycling Process With Foam Asphalt	3.53	
32 01 16 73-0005	SF	>71,000 To 130,000 SF Cold In Place Recycling Process With Foam Asphalt	2.96	
32 01 16 73-0006	SF	>130,000 To 250,000 SF Cold In Place Recycling Process With Foam Asphalt	2.62	
32 01 16 73-0007	SF	>250,000 To 500,000 SF Cold In Place Recycling Process With Foam Asphalt	2.38	
32 01 16 73-0008	SF	>500,000 SF Cold In Place Recycling Process With Foam Asphalt	2.21	

32 01 16 73-0009 Cold-In-Place-Full Depth Reclamation With Foam Asphalt (FDR-FA) *(32 01 16 73)*

Note: Includes milling Up To 12" of existing AC surface. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0010	SF	Up To 30,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	5.57	
32 01 16 73-0011	SF	>30,000 To 42,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	5.20	
32 01 16 73-0012	SF	>42,000 To 71,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	4.37	
32 01 16 73-0013	SF	>71,000 To 130,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.75	
32 01 16 73-0014	SF	>130,000 To 250,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.36	
32 01 16 73-0015	SF	>250,000 To 500,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.11	
32 01 16 73-0016	SF	>500,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	2.94	

32 01 16 73-0017 Cold-In-Place-Full Depth Reclamation Process With Cement (FDR-C) *(32 01 16 73)*

Note: Includes milling Up To 12" of existing AC surface. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0018	SF	Up To 30,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	5.59	
		For >12" To 18" Depth, Add	*1.92*	
32 01 16 73-0019	SF	>42,000 To 71,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	4.39	
		For >12" To 18" Depth, Add	*1.56*	
32 01 16 73-0020	SF	>71,000 To 130,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	3.77	
		For >12" To 18" Depth, Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 73-0021	SF	>130,000 To 250,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	3.38	
		For >12" To 18" Depth, Add	*1.25*	
32 01 16 73-0022	SF	>250,000 To 500,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	3.13	
		For >12" To 18" Depth, Add	*1.18*	
32 01 16 73-0023	SF	>500,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	2.96	
		For >12" To 18" Depth, Add	*1.13*	

32 01 16 73-0024 Supplemental Aggregate *(32 01 16 73)*

32 01 16 73-0025	TON	Supplemental Aggregate	90.37	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate And Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep	11.80	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	14.19	
32 01 16 74-0004	TON	Removal, Rejuvenation, And Respreading Of Asphalt Grindings	213.14	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	16.84	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.41	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.21	
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.98	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.59	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	18.37	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.18	
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.33	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	20.20	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.10	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.05	
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.67	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	22.03	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	11.02	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.51	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.13	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,894.04	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.94	
		For 3/4" x 1/2" Fill, Add	*0.56*	
		For 1" x 1/2" Fill, Add	*1.06*	
		For Backer Rod, Add	*1.19*	
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.58	
		For 3/4" x 1/2" Fill, Add	*0.46*	
		For 1" x 1/2" Fill, Add	*0.88*	
		For Backer Rod, Add	*1.07*	
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.26	
		For 3/4" x 1/2" Fill, Add	*0.38*	
		For 1" x 1/2" Fill, Add	*0.72*	
		For Backer Rod, Add	*0.96*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.09	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.33*	
		For 1" x 1/2" Fill, Add	*0.63*	
		For Backer Rod, Add	*0.90*	
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.97	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.29*	
		For 1" x 1/2" Fill, Add	*0.56*	
		For Backer Rod, Add	*0.84*	
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.89	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.27*	
		For 1" x 1/2" Fill, Add	*0.51*	
		For Backer Rod, Add	*0.80*	
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	3.69	
		For 3/8" x 1/4" Fill, Add	*0.84*	
		For 1/2" x 1/4" Fill, Add	*1.55*	
		For 1/2" x 1/2" Fill, Add	*3.63*	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.98	
		For 3/8" x 1/4" Fill, Add	*0.70*	
		For 1/2" x 1/4" Fill, Add	*1.28*	
		For 1/2" x 1/2" Fill, Add	*3.04*	
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.30	
		For 3/8" x 1/4" Fill, Add	*0.55*	
		For 1/2" x 1/4" Fill, Add	*1.01*	
		For 1/2" x 1/2" Fill, Add	*2.43*	
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.02	
		For 3/8" x 1/4" Fill, Add	*0.49*	
		For 1/2" x 1/4" Fill, Add	*0.90*	
		For 1/2" x 1/2" Fill, Add	*2.16*	
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.82	
		For 3/8" x 1/4" Fill, Add	*0.43*	
		For 1/2" x 1/4" Fill, Add	*0.80*	
		For 1/2" x 1/2" Fill, Add	*1.92*	
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.70	
		For 3/8" x 1/4" Fill, Add	*0.40*	
		For 1/2" x 1/4" Fill, Add	*0.74*	
		For 1/2" x 1/2" Fill, Add	*1.77*	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.61	
32 01 17 61-0015	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required	2.02	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,920.12
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	580.09
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,836.85
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	552.33
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,795.21
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	538.45
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,753.57
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	524.57
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	2,059.23
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	669.19
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	2,017.59
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified	655.31
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,975.95
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	641.43
		Note: Use for each ton over 3 tons.	

32 01 17 63-0017 Asphalt Placement For Small Repairs *(32 01 17 63)*

Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0059 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0018	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,694.21	
32 01 17 63-0019	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	368.75	
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,610.94	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	340.99	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,569.30	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	327.11	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,527.66	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	313.23	
32 01 17 63-0026		Grind Asphalt *(32 01 17 63)*		
32 01 17 63-0027	SY	Grinding Asphalt To Level Bump Or Raised Area	26.10	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4,318.41	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4.00	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	4,810.87	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	5.21	

32 01 26 71-0006 Rumble Strips *(32 01 26 71)*

32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	5,202.74	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.95	
32 01 26 71-0009	EA	First 2,000 LF Of MIARDS, Rumble Strips, Concrete	5,797.98	
32 01 26 71-0010	LF	Each LF Over First 2,000 LF Of MIARDS, Rumble Strips, Concrete	1.06	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001 Removal Of Concrete *(32 01 26 73)*
Note: Includes direct loading into truck.

32 01 26 73-0002 Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0041 for hauling.

32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	7.49	

32 01 26 73-0004 Limited Production Milling *(32 01 26 73-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0041 for hauling.

32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	46.98	

32 01 29 Rigid Paving Repair *(32 01)*

32 01 29 61 Partial Depth Patching of Rigid Paving *(32 01 29)*

32 01 29 61-0001 Hot Applied Flexible Concrete Repair *(32 01 29 61)*
Note: Excludes saw cutting (where required), flagmen.

32 01 29 61-0002	EA	Minimum Charge For Hot Applied Flexible Concrete Repair Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphalt charge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.	1,343.30	
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	72.21	
		For >25 SF Quantity, Deduct	*-7.22*	
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	135.20	
		For >25 SF Quantity, Deduct	*-13.52*	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	197.56	
		For >25 SF Quantity, Deduct	*-19.76*	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	259.93	
		For >25 SF Quantity, Deduct	*-25.99*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	322.30	
		For >25 SF Quantity, Deduct	*-32.23*	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	384.06	

32 01 29 61-0009 Cold Applied Flexible Concrete Repair *(32 01 29 61)*

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	7.29	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	10.40	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	13.64	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	17.00	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	24.21	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	7.38	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	10.49	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	13.73	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	17.09	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	24.30	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	7.33	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	10.44	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	13.68	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	17.04	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	24.25	

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Granular)	17.91	
32 01 90 13-0002	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Liquid)	13.18	
32 01 90 13-0003	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Granular)	14.38	
32 01 90 13-0004	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Liquid)	11.83	

32 01 90 19 Mowing *(32 01 90)*

32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog	229.66	
		Note: Includes normal debris removal, cutting, and trimming.		
		For <1 Acre, Add		*57.42*
32 01 90 19-0002	MSF	Mowing Vegetation With Riding Mower, >20,000 To 45,000 SF	8.11	
32 01 90 19-0003	MSF	Mowing Vegetation With Riding Mower, >45,000 SF	6.29	
32 01 90 19-0004	MSF	Clear Vegetation With Weed Trimmer, Up To 1,000 SF	29.34	
		For Work On Slopes >2:1, Add		*7.34*
		For Clearing Light Brush, Add		*4.40*
32 01 90 19-0005	MSF	Clear Vegetation With Weed Trimmer, >1,000 SF	24.65	
		For Work On Slopes >2:1, Add		*6.16*
		For Clearing Light Brush, Add		*3.70*
32 01 90 19-0006	MSF	Blow Or Vacuum Dispersed Non-Native Seed After Bulk Of Biomass Removed	23.92	

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.

32 01 90 23-0002 Tree Pruning; Crown Cleaning *(32 01 90 23-0001)*

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	37.38	
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	42.71	
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	48.05	
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	53.40	
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	81.14	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	130.41	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	142.00	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	248.37	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	227.39	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	397.31	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	262.76	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	459.47	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	305.45	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	533.97	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	371.82	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	645.85	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	461.88	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	813.96	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	632.62	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,103.18	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	1,003.63	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,774.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0025		**Tree Pruning; Crown Thinning** *(32 01 90 23-0001)* Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.		
32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	45.81	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	52.32	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	58.83	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	65.46	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	99.42	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	159.70	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	173.95	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	304.26	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	278.60	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	486.68	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	321.85	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	562.81	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	374.18	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	654.09	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	455.44	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	791.19	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	565.75	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	997.10	
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	774.95	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,351.40	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	1,229.43	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	2,173.26	
32 01 90 23-0048		**Tree Pruning; Crown Raising** *(32 01 90 23-0001)* Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.		
32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	50.51	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	57.67	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	64.93	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	72.08	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	109.56	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	176.10	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	191.68	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	335.31	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	307.01	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	536.36	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	354.75	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	620.31	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	412.40	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	720.90	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	502.00	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	871.92	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	623.53	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,098.81	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	854.08	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,489.25	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	1,354.90	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	2,395.07	
32 01 90 23-0071		**Tree Pruning; Crown Reduction** *(32 01 90 23-0001)* Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.		
32 01 90 23-0072	EA	1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	54.25	
32 01 90 23-0073	EA	2" Caliper, Tree Pruning (Crown Reduction), By Hand	61.94	
32 01 90 23-0074	EA	2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	69.73	
32 01 90 23-0075	EA	3" Caliper, Tree Pruning (Crown Reduction), By Hand	77.42	
32 01 90 23-0076	EA	4" Caliper, Tree Pruning (Crown Reduction), By Hand	117.68	
32 01 90 23-0077	EA	4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	189.13	
32 01 90 23-0078	EA	6" Caliper, Tree Pruning (Crown Reduction), By Hand	205.88	
32 01 90 23-0079	EA	6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	360.14	
32 01 90 23-0080	EA	9" Caliper, Tree Pruning (Crown Reduction), By Hand	329.76	
32 01 90 23-0081	EA	9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	576.11	
32 01 90 23-0082	EA	12" Caliper, Tree Pruning (Crown Reduction), By Hand	381.02	
32 01 90 23-0083	EA	12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	666.26	
32 01 90 23-0084	EA	18" Caliper, Tree Pruning (Crown Reduction), By Hand	442.95	
32 01 90 23-0085	EA	18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	774.31	
32 01 90 23-0086	EA	24" Caliper, Tree Pruning (Crown Reduction), By Hand	539.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0087	EA	24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	936.49	
32 01 90 23-0088	EA	30" Caliper, Tree Pruning (Crown Reduction), By Hand	669.76	
32 01 90 23-0089	EA	30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,180.27	
32 01 90 23-0090	EA	36" Caliper, Tree Pruning (Crown Reduction), By Hand	917.29	
32 01 90 23-0091	EA	36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,599.65	
32 01 90 23-0092	EA	48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,455.29	
32 01 90 23-0093	EA	48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,572.40	

32 01 90 23-0094 Tree Pruning; Crown Restoration *(32 01 90 23-0001)*

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	62.25	
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand	71.22	
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	80.09	
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand	88.95	
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand	135.20	
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	217.32	
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand	236.64	
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	413.92	
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand	378.99	
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	662.16	
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand	437.94	
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	765.74	
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand	509.05	
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	889.92	
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand	619.68	
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,076.46	
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand	769.82	
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,356.62	
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand	1,054.41	
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,838.70	
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand	1,672.70	
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	2,956.89	

32 01 90 23-0117 Palm Tree Pruning *(32 01 90 23)*

32 01 90 23-0118	EA	Trim Mexican Palm Tree	113.22	
32 01 90 23-0119	EA	Trim Date Palm Tree	255.47	
32 01 90 23-0120	LF	Skin Palm Tree	29.03	
32 01 90 23-0121	EA	Trim And Skin Palm Tree, Up To 30' Height	105.56	
32 01 90 23-0122	EA	Trim And Skin Palm Tree, >30' To 60' Height	130.40	
32 01 90 23-0123	EA	Trim And Skin Palm Tree, >60' To 80' Height	145.92	

32 01 90 23-0124 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0125	MSF	Shrub Pruning, Prune, Shrub Bed	121.68	
32 01 90 23-0126	EA	Shrub Pruning, Prune, Shrub Under 3' Height	4.27	
32 01 90 23-0127	EA	Shrub Pruning, Prune, Shrub 4' Height	9.61	
32 01 90 23-0128	EA	Shrub Pruning, Prune, Shrub Over 6'	17.09	
32 01 90 23-0129	EA	Shrub Pruning, Prune Trees From Ground	42.71	
32 01 90 23-0130	EA	Shrub Pruning, Prune Trees From Ground, High Work	106.79	

32 01 90 23-0131 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0132	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	21.36	
32 01 90 23-0133	EA	Root Pruning, One Side Of 2" Caliper Tree	26.70	
32 01 90 23-0134	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	32.03	
32 01 90 23-0135	EA	Root Pruning, One Side Of 3" Caliper Tree	42.71	
32 01 90 23-0136	EA	Root Pruning, One Side Of 4" Caliper Tree	64.08	
32 01 90 23-0137	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree	80.09	
32 01 90 23-0138	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree	112.13	
32 01 90 23-0139	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree	128.14	
32 01 90 23-0140	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree	149.50	
32 01 90 23-0141	EA	Root Pruning, One Side Of >18' To 24" Caliper Tree	186.87	
32 01 90 23-0142	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree	229.59	
32 01 90 23-0143	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree	266.96	
32 01 90 23-0144	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree	293.66	
32 01 90 23-0145	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree	320.36	

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 26-0001		Watering Lawns, Plants And Trees *(32 01 90 26)* Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for additional watering beyond initial watering at installation for extended watering period of lawns, plants and trees.		
32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	50.05	
32 01 90 26-0003	CSF	Watering Groundcover	7.72	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	13.66	
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	26.37	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	34.67	
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	42.97	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	52.89	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	13.25	
32 01 90 36		**Weed and Brush Control** *(32 01 90)*		
32 01 90 36-0001		Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*		
32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 Oz./Acre or 1.62 Oz./MSF)	9.86	
		For >45 To 90, Deduct	*-0.54*	
		For >90 To 225, Deduct	*-1.52*	
		For >225 To 870, Deduct	*-2.51*	
		For >870, Deduct	*-3.04*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 Oz./Acre or 2.94 Oz./MSF)	10.54	
		For >45 To 90, Deduct	*-0.60*	
		For >90 To 225, Deduct	*-1.66*	
		For >225 To 870, Deduct	*-2.71*	
		For >870, Deduct	*-3.31*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 Oz./Acre or 1.28 Oz./MSF) Note: Includes pre and post emergent.	10.50	
		For >45 To 90, Deduct	*-0.60*	
		For >90 To 225, Deduct	*-1.65*	
		For >225 To 870, Deduct	*-2.70*	
		For >870, Deduct	*-3.30*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 Oz./Acre or 1.65 Oz./MSF) Note: Includes pre and post emergent.	10.92	
		For >45 To 90, Deduct	*-0.64*	
		For >90 To 225, Deduct	*-1.73*	
		For >225 To 870, Deduct	*-2.83*	
		For >870, Deduct	*-3.47*	
32 01 90 39		**Pesticides** *(32 01 90)*		
32 01 90 39-0001	MSF	Pesticide - Surface Eating	13.70	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	13.75	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	14.81	
32 01 90 43		**Weed and Cultivate Beds** *(32 01 90)*		
32 01 90 43-0001	MSF	Weed Mulched Bed	52.39	
32 01 90 43-0002	MSF	Weed Unmulched Bed	149.66	
32 01 90 43-0003	MSF	Cultivate Bed	80.59	
32 01 90 46		**Hedge Trimming** *(32 01 90)*		
32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	6.98	
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	10.47	
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	15.85	
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	16.15	
32 01 90 53		**Plant Growth Regulator Application** *(32 01 90)*		
32 01 90 53-0001	EA	Plant Growth Regulator Application	7.59	

32 05 Common Work Results for Exterior Improvements *(32)*

32 05 23 Cement and Concrete for Exterior Improvements *(32 05)*

32 05 23 00-0001		Common Public Works Assemblies *(32 05 23)* Note: Assembly task as per GreenBook Specifications		
32 05 23 00-0002	SF	PCC Sidewalk Note: Assembly task as per GreenBook Specifications.	7.00	
32 05 23 00-0003	LF	Curb And Gutter Note: Assembly task as per GreenBook Specifications.	34.00	
32 05 23 00-0004	UNT	Surface Preperation And Crack Seal (Based on 3% of total cost of asphalt) Note: Assembly task as per GreenBook Specifications. County Representative to decide value.	1,000.00	
32 05 23 00-0005	TON	>200 Ton Base Repair Note: Assembly task as per GreenBook Specifications.	175.00	
32 05 23 00-0006	TON	<200 Ton Base Repair Note: Assembly task as per GreenBook Specifications.	150.00	
32 05 23 00-0007	SF	Grinding Note: Assembly task as per GreenBook Specifications.	0.40	
32 05 23 00-0008	SF	AC Taper with Key Note: Assembly task as per GreenBook Specifications.	0.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 05 23 00-0009	TON	Miscellaneous Paving Note: Assembly task as per GreenBook Specifications.	112.00	
32 05 23 00-0010	MI	Shoulder Backing Note: Assembly task as per GreenBook Specifications.	15,940.00	
32 05 23 00-0011	UNT	Traffic Control And Signage Note: Assembly task as per GreenBook Specifications.	1,000.00	
32 05 23 00-0012	EA	Tree Removal Less Than 100" Girth Note: Assembly task as per GreenBook Specifications.	2,000.00	
32 05 23 00-0013	EA	Tree Removal Over Than 100" Girth Note: Assembly task as per GreenBook Specifications.	4,000.00	
32 05 23 00-0014	EA	Asphalt Index Adjustment Note: Assembly task as per GreenBook Specifications.	1.00	

32 05 33 Common Work Results for Planting *(32 05)*

32 05 33 00-0001 Decorative Landscape Boulders *(32 05 33)*
Note: Includes delivery of materials and placement.

32 05 33 00-0002	EA	2' x 3' x 2' Oval Shape Boulders (Approx. 1,000 Lb. Each)	359.18	
32 05 33 00-0003	EA	3' x 3' x 2' Oval Shape Boulders (Approx. 1,500 Lb. Each)	538.77	
32 05 33 00-0004	EA	3' x 4' x 3' Oval Shape Boulders (Approx. 3,000 Lb. Each)	1,077.52	
32 05 33 00-0005	TON	Landscape Boulders	718.34	

32 10 Bases, Ballasts, and Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	111.05
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	106.53
32 11 16 16-0005	CY	Class 5 Granite Roadway Base Course	106.42
		For Limestone, Deduct	*-8.19*

32 11 16 16-0006 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0007	SY	2" Class II Graded Crushed Aggregate Base Course	6.13
		For Up To 500, Add	*1.56*
		For >500 To 1,000, Add	*0.61*
		For >5,000 To 10,000, Deduct	*-0.23*
		For >10,000, Deduct	*-0.40*
32 11 16 16-0008	SY	4" Class II Crushed Aggregate Base Course	12.24
		For Up To 500, Add	*3.12*
		For >500 To 1,000, Add	*1.22*
		For >5,000 To 10,000, Deduct	*-0.47*
		For >10,000, Deduct	*-0.80*
32 11 16 16-0009	SY	6" Class II Crushed Aggregate Base Course	18.37
		For Up To 500, Add	*4.68*
		For >500 To 1,000, Add	*1.84*
		For >5,000 To 10,000, Deduct	*-0.70*
		For >10,000, Deduct	*-1.19*
32 11 16 16-0010	SY	9" Class II Crushed Aggregate Base Course	27.55
		For Up To 500, Add	*7.02*
		For >500 To 1,000, Add	*2.76*
		For >5,000 To 10,000, Deduct	*-1.05*
		For >10,000, Deduct	*-1.79*
32 11 16 16-0011	SY	12" Class II Crushed Aggregate Base Course	36.74
		For Up To 500, Add	*9.37*
		For >500 To 1,000, Add	*3.67*
		For >5,000 To 10,000, Deduct	*-1.40*
		For >10,000, Deduct	*-2.39*

32 11 16 16-0012 Base And Subbase Courses For Roadways And Parking Areas By The SY *(32 11 16 16-0001)*

32 11 16 16-0013	SY	2" Crushed Aggregate Base Course For Roadways And Parking Areas	5.51
		For Up To 500, Add	*1.44*
		For >500 To 1,000, Add	*0.55*
		For >5,000 To 10,000, Deduct	*-0.21*
		For >10,000, Deduct	*-0.36*
		For Limestone, Deduct	*-0.39*
32 11 16 16-0014	SY	4" Crushed Aggregate Base Course For Roadways And Parking Areas	10.31
		For Up To 500, Add	*2.74*
		For >500 To 1,000, Add	*1.03*
		For >5,000 To 10,000, Deduct	*-0.39*
		For >10,000, Deduct	*-0.67*
		For Limestone, Deduct	*-0.65*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 16 16-0015	SY	6" Crushed Aggregate Base Course For Roadways And Parking Areas	16.18	
		For Up To 500, Add	*4.25*	
		For >500 To 1,000, Add	*1.62*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000, Deduct	*-1.05*	
		For Limestone, Deduct	*-1.10*	
32 11 16 16-0016	SY	9" Crushed Aggregate Base Course For Roadways And Parking Areas	23.53	
		For Up To 500, Add	*6.22*	
		For >500 To 1,000, Add	*2.35*	
		For >5,000 To 10,000, Deduct	*-0.89*	
		For >10,000, Deduct	*-1.53*	
		For Limestone, Deduct	*-1.52*	
32 11 16 16-0017	SY	12" Crushed Aggregate Base Course For Roadways And Parking Areas	28.60	
		For Up To 500, Add	*7.32*	
		For >500 To 1,000, Add	*2.86*	
		For >5,000 To 10,000, Deduct	*-1.09*	
		For >10,000, Deduct	*-1.86*	
		For Limestone, Deduct	*-2.30*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.77	
		For Up To 1,000, Add	*0.21*	
		For >1,000 To 2,500, Add	*0.08*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	1.06	
		For Up To 1,000, Add	*0.29*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.38	
		For Up To 1,000, Add	*0.38*	
		For >1,000 To 2,500, Add	*0.14*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.80	
		For Up To 1,000, Add	*0.50*	
		For >1,000 To 2,500, Add	*0.18*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	2.21	
		For Up To 1,000, Add	*0.61*	
		For >1,000 To 2,500, Add	*0.22*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.54	
		For Up To 1,000, Add	*0.70*	
		For >1,000 To 2,500, Add	*0.25*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.87	
		For Up To 1,000, Add	*0.79*	
		For >1,000 To 2,500, Add	*0.29*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	117.35

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.67	
		For Up To 150, Add	*0.13*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.03*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.04*	
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.74	
		For Up To 150, Add	*0.15*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.87	
		For Up To 150, Add	*0.18*	
		For >150 To 300, Add	*0.09*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.94	
		For Up To 150, Add	*0.20*	
		For >150 To 300, Add	*0.09*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.08	
		For Up To 150, Add	*0.23*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.07*	
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.14	
		For Up To 150, Add	*0.25*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.06*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.08*	

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.90	
		For Up To 150, Add	*0.43*	
		For >150 To 300, Add	*0.19*	
		For >300 To 500, Add	*0.10*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.13*	
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	2.01	
		For Up To 150, Add	*0.45*	
		For >150 To 300, Add	*0.20*	
		For >300 To 500, Add	*0.10*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.14*	
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.11	
		For Up To 150, Add	*0.48*	
		For >150 To 300, Add	*0.21*	
		For >300 To 500, Add	*0.11*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.15*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0041 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: S (3/4") aggregate gradation

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Binder Course 3,954 Lb./CY	163.77	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*19.13*	
		For Warm Mix Additive, Add	*8.29*	
		For Up To 25, Add	*22.90*	
		For >25 To 50, Add	*12.72*	
		For >500 To 1,000, Deduct	*-6.92*	
		For >1,000 To 2,500, Deduct	*-12.56*	
		For >2,500 To 5,000, Deduct	*-19.48*	
		For >5,000, Deduct	*-27.95*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Intermediate Binder Course	9.29	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*1.05*	
		For Up To 1,000, Add	*1.34*	
		For >1,000 To 2,000, Add	*0.75*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000 To 50,000, Deduct	*-0.72*	
		For >50,000 To 100,000, Deduct	*-1.12*	
		For >100,000, Deduct	*-1.61*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	13.78	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*1.58*	
		For Up To 700, Add	*1.97*	
		For >700 To 1,400, Add	*1.10*	
		For >7,000 To 14,000, Deduct	*-0.59*	
		For >14,000 To 32,000, Deduct	*-1.08*	
		For >32,000 To 64,000, Deduct	*-1.67*	
		For >64,000, Deduct	*-2.40*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Intermediate Binder Course	17.79	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*2.10*	
		For Up To 500, Add	*2.46*	
		For >500 To 1,000, Add	*1.36*	
		For >5,000 To 10,000, Deduct	*-0.78*	
		For >10,000 To 24,000, Deduct	*-1.41*	
		For >24,000 To 48,000, Deduct	*-2.19*	
		For >48,000, Deduct	*-3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	22.47	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*2.63*	
		For Up To 400, Add	*3.14*	
		For >400 To 800, Add	*1.74*	
		For >4,000 To 8,000, Deduct	*-0.97*	
		For >8,000 To 20,000, Deduct	*-1.77*	
		For >20,000 To 40,000, Deduct	*-2.75*	
		For >40,000, Deduct	*-3.95*	
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Intermediate Binder Course	26.97	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*3.15*	
		For Up To 340, Add	*3.77*	
		For >340 To 680, Add	*3.14*	
		For >3,400 To 6,800, Deduct	*-1.17*	
		For >6,800 To 17,000, Deduct	*-2.13*	
		For >17,000 To 34,000, Deduct	*-3.30*	
		For >34,000, Deduct	*-4.74*	
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	31.47	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*3.68*	
		For Up To 280, Add	*4.40*	
		For >280 To 560, Add	*2.44*	
		For >2,800 To 5,600, Deduct	*-1.36*	
		For >5,600 To 14,000, Deduct	*-2.48*	
		For >14,000 To 28,000, Deduct	*-3.85*	
		For >28,000, Deduct	*-5.53*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Intermediate Binder Course	35.97	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.20*	
		For Up To 250, Add	*5.03*	
		For >250 To 500, Add	*2.79*	
		For >2,500 To 5,000, Deduct	*-1.56*	
		For >5,000 To 12,000, Deduct	*-2.84*	
		For >12,000 To 24,000, Deduct	*-4.40*	
		For >24,000, Deduct	*-6.32*	
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Intermediate Binder Course	44.96	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*5.25*	
		For Up To 200, Add	*6.29*	
		For >200 To 400, Add	*3.49*	
		For >2,000 To 4,000, Deduct	*-1.95*	
		For >4,000 To 10,000, Deduct	*-3.55*	
		For >10,000 To 20,000, Deduct	*-5.50*	
		For >20,000, Deduct	*-7.90*	
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Intermediate Binder Course	53.96	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*6.30*	
		For Up To 160, Add	*7.55*	
		For >160 To 320, Add	*4.19*	
		For >1,600 To 3,200, Deduct	*-2.34*	
		For >3,200 To 8,000, Deduct	*-4.26*	
		For >8,000 To 16,000, Deduct	*-6.60*	
		For >16,000, Deduct	*-9.48*	

32 12 16 13-0012 Surface Wearing Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: SX (1/2") aggregate gradation

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Wearing Course 3,774 Lb./CY	167.00	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*9.13*	
		For Warm Mix Additive, Add	*7.91*	
		For Up To 25, Add	*24.86*	
		For >25 To 50, Add	*14.01*	
		For >500 To 1,000, Deduct	*-6.76*	
		For >1,000 To 2,500, Deduct	*-12.31*	
		For >2,500 To 5,000, Deduct	*-19.08*	
		For >5,000, Deduct	*-27.40*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	185.50	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*8.62*	
		For Up To 25, Add	*28.06*	
		For >25 To 50, Add	*15.88*	
		For >500 To 1,000, Deduct	*-7.42*	
		For >1,000 To 2,500, Deduct	*-13.52*	
		For >2,500 To 5,000, Deduct	*-20.95*	
		For >5,000, Deduct	*-30.10*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	197.67	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*9.41*	
		For Up To 25, Add	*29.28*	
		For >25 To 50, Add	*16.49*	
		For >500 To 1,000, Deduct	*-8.03*	
		For >1,000 To 2,500, Deduct	*-14.62*	
		For >2,500 To 5,000, Deduct	*-22.65*	
		For >5,000, Deduct	*-32.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	9.11	
		For PG64-10 Asphalt, Add	*0.48*	
		For Up To 1,000, Add	*1.40*	
		For >1,000 To 2,000, Add	*0.80*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000 To 50,000, Deduct	*-0.68*	
		For >50,000 To 100,000, Deduct	*-1.06*	
		For >100,000, Deduct	*-1.52*	
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	13.49	
		For PG64-10 Asphalt, Add	*0.72*	
		For Up To 700, Add	*2.05*	
		For >700 To 1,400, Add	*1.16*	
		For >7,000 To 14,000, Deduct	*-0.56*	
		For >14,000 To 32,000, Deduct	*-1.02*	
		For >32,000 To 64,000, Deduct	*-1.58*	
		For >64,000, Deduct	*-2.27*	
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	17.28	
		For PG64-10 Asphalt, Add	*0.96*	
		For Up To 500, Add	*2.54*	
		For >500 To 1,000, Add	*1.43*	
		For >5,000 To 10,000, Deduct	*-0.73*	
		For >10,000 To 24,000, Deduct	*-1.33*	
		For >24,000 To 48,000, Deduct	*-2.06*	
		For >48,000, Deduct	*-2.96*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	21.89	
		For PG64-10 Asphalt, Add	*1.20*	
		For Up To 400, Add	*3.26*	
		For >400 To 800, Add	*1.84*	
		For >4,000 To 8,000, Deduct	*-0.92*	
		For >8,000 To 20,000, Deduct	*-1.67*	
		For >20,000 To 40,000, Deduct	*-2.59*	
		For >40,000, Deduct	*-3.72*	
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	26.26	
		For PG64-10 Asphalt, Add	*1.44*	
		For Up To 340, Add	*3.91*	
		For >340 To 680, Add	*3.16*	
		For >3,400 To 6,800, Deduct	*-1.10*	
		For >6,800 To 17,000, Deduct	*-2.01*	
		For >17,000 To 34,000, Deduct	*-3.11*	
		For >34,000, Deduct	*-4.47*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	100.24	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 Lb./CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	421.56	

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well-graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	14.71	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	14.28	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	22.66	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.98	
		For Up To 50, Add	*0.45*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.13	
		For Up To 50, Add	*0.48*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.12*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	39.87	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	29.76	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	18.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gallon bitumen per SY and 30 Lb. of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.41	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	6.14	

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gallon bitumen per SY and 20 Lb. of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.34	

32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.49	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.97	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.75	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.48	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.35	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.24	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.10	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.03	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.39	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.81	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.53	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.38	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.06	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.86	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.70	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.61	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.19	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.53	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.21	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.84	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.64	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.37	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.18	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.08	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)

(32 12 36 13-0001)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.27	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.62	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.29	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.93	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.73	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.55	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.27	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.17	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.99	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.14	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.67	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.12	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.83	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.47	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.19	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.06	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, towed broom sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.97	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.68	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.47	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.25	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.14	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.04	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.93	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.88	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.90	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.55	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.33	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.17	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.86	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.68	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.53	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.48	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.74	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.30	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.00	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.65	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.46	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.18	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.01	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.94	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.83	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.40	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.07	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.71	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.52	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.36	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.11	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.03	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0084 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	2.06
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.50
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.28
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	1.09
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	1.00
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.92
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.86
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.83

32 12 36 13-0093 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	2.96
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	1.98
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	1.96
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.73
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.62
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.51
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.43
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.41

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	17.44
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	16.43
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.49
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	13.03
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.09
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.16
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	21.26
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	20.11
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	17.78

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32 12 36 16-0011 SY >5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal 16.06
32 12 36 16-0012 SY >20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal 13.72
32 12 36 16-0013 SY >50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal 11.40

32 12 36 23 Fuel-Resistant Sealers *(32 12 36)*

32 12 36 23-0001 Guardtop Seal Coat *(32 12 36 23)*

Note: Includes sweeping and cleaning of area.

32 12 36 23-0002 SY GuardTop® Asphalt Based Sealcoat (Two Coats) 3.37
For 3% Polyglass Additive, Add *0.40*
For 6% Polyglass Additive, Add *0.72*
For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add *0.27*
32 12 36 23-0003 LF GuardTop® Cold Pour Crack Filler 1.41
32 12 36 23-0004 LF GuardTop® Hot Pour Crack Filler 1.61
32 12 36 23-0005 SY GuardTop® Oil Spot Primer For Asphalt 6.16
32 12 36 23-0006 SY GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats) 4.49
For 3% Polyglass Additive, Add *0.40*
For 6% Polyglass Additive, Add *0.72*
For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add *0.27*

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod.

32 12 43 00-0002 SY 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill 40.00
Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod. Invisible Structures, Inc.; Grasspave2.
For Up To 100, Add *13.32*
For >100 To 500, Add *3.33*
For >1,000 To 5,000, Deduct *-1.33*
For >5,000, Deduct *-2.79*

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002 LF For Hot Asphalt Poured Over Expansion Joint In Sidewalk 3.72

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003 SY 4" 4,500 PSI Concrete Paving Assembly 66.54
For 2,500 PSI Concrete, Deduct *-3.81*
For 3,000 PSI Concrete, Deduct *-2.48*
For 3,500 PSI Concrete, Deduct *-1.99*
For 4,000 PSI Concrete, Deduct *-0.86*
For 5,000 PSI Concrete, Add *0.53*
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add *4.30*
For <12' Wide Pass, Add *11.67*
For 24' Or Greater Wide Pass, Deduct *-13.31*
For Air Entrainment, Add *1.66*
For Slipforming, Deduct *-6.65*
For Up To 100, Add *26.68*
For >100 To 250, Add *15.00*
For >250 To 500, Add *7.50*
For >1,000 To 2,000, Deduct *-1.66*
For >2,000 To 5,000, Deduct *-3.32*
For >5,000 To 10,000, Deduct *-4.98*
For >10,000 To 20,000, Deduct *-6.65*
For >20,000, Deduct *-8.31*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	78.70	
		For 2,500 PSI Concrete, Deduct	*-4.78*	
		For 3,000 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Deduct	*-2.49*	
		For 4,000 PSI Concrete, Deduct	*-1.08*	
		For 5,000 PSI Concrete, Add	*0.66*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.40*	
		For <12' Wide Pass, Add	*13.44*	
		For 24' Or Greater Wide Pass, Deduct	*-15.74*	
		For Air Entrainment, Add	*2.08*	
		For Slipforming, Deduct	*-7.87*	
		For Up To 100, Add	*30.60*	
		For >100 To 250, Add	*17.38*	
		For >250 To 500, Add	*8.69*	
		For >1,000 To 2,000, Deduct	*-2.08*	
		For >2,000 To 5,000, Deduct	*-4.04*	
		For >5,000 To 10,000, Deduct	*-6.01*	
		For >10,000 To 20,000, Deduct	*-7.98*	
		For >20,000, Deduct	*-9.95*	
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	84.08	
		For 2,500 PSI Concrete, Deduct	*-5.04*	
		For 3,000 PSI Concrete, Deduct	*-3.29*	
		For 3,500 PSI Concrete, Deduct	*-2.63*	
		For 4,000 PSI Concrete, Deduct	*-1.14*	
		For 5,000 PSI Concrete, Add	*0.70*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.70*	
		For <12' Wide Pass, Add	*14.45*	
		For 24' Or Greater Wide Pass, Deduct	*-16.82*	
		For Air Entrainment, Add	*2.19*	
		For Slipforming, Deduct	*-8.41*	
		For Up To 100, Add	*32.92*	
		For >100 To 250, Add	*18.65*	
		For >250 To 500, Add	*9.33*	
		For >1,000 To 2,000, Deduct	*-2.19*	
		For >2,000 To 5,000, Deduct	*-4.29*	
		For >5,000 To 10,000, Deduct	*-6.40*	
		For >10,000 To 20,000, Deduct	*-8.50*	
		For >20,000, Deduct	*-10.60*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	99.85	
		For 2,500 PSI Concrete, Deduct	*-6.35*	
		For 3,000 PSI Concrete, Deduct	*-4.14*	
		For 3,500 PSI Concrete, Deduct	*-3.32*	
		For 4,000 PSI Concrete, Deduct	*-1.44*	
		For 5,000 PSI Concrete, Add	*0.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.18*	
		For <12' Wide Pass, Add	*16.67*	
		For 24' Or Greater Wide Pass, Deduct	*-19.97*	
		For Air Entrainment, Add	*2.76*	
		For Slipforming, Deduct	*-9.99*	
		For Up To 100, Add	*37.81*	
		For >100 To 250, Add	*21.67*	
		For >250 To 500, Add	*10.83*	
		For >1,000 To 2,000, Deduct	*-2.76*	
		For >2,000 To 5,000, Deduct	*-5.26*	
		For >5,000 To 10,000, Deduct	*-7.76*	
		For >10,000 To 20,000, Deduct	*-10.25*	
		For >20,000, Deduct	*-12.75*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	114.16	
		For 2,500 PSI Concrete, Deduct	*-6.97*	
		For 3,000 PSI Concrete, Deduct	*-4.55*	
		For 3,500 PSI Concrete, Deduct	*-3.64*	
		For 4,000 PSI Concrete, Deduct	*-1.58*	
		For 5,000 PSI Concrete, Add	*0.97*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.88*	
		For <12' Wide Pass, Add	*19.44*	
		For 24' Or Greater Wide Pass, Deduct	*-22.83*	
		For Air Entrainment, Add	*3.03*	
		For Slipforming, Deduct	*-11.42*	
		For Up To 100, Add	*44.24*	
		For >100 To 250, Add	*25.15*	
		For >250 To 500, Add	*12.58*	
		For >1,000 To 2,000, Deduct	*-3.03*	
		For >2,000 To 5,000, Deduct	*-5.89*	
		For >5,000 To 10,000, Deduct	*-8.74*	
		For >10,000 To 20,000, Deduct	*-11.59*	
		For >20,000, Deduct	*-14.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	129.16	
		For 2,500 PSI Concrete, Deduct	*-8.06*	
		For 3,000 PSI Concrete, Deduct	*-5.26*	
		For 3,500 PSI Concrete, Deduct	*-4.20*	
		For 4,000 PSI Concrete, Deduct	*-1.82*	
		For 5,000 PSI Concrete, Add	*1.12*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*9.11*	
		For <12' Wide Pass, Add	*21.78*	
		For 24' Or Greater Wide Pass, Deduct	*-25.83*	
		For Air Entrainment, Add	*3.50*	
		For Slipforming, Deduct	*-12.92*	
		For Up To 100, Add	*49.46*	
		For >100 To 250, Add	*28.24*	
		For >250 To 500, Add	*14.12*	
		For >1,000 To 2,000, Deduct	*-3.50*	
		For >2,000 To 5,000, Deduct	*-6.73*	
		For >5,000 To 10,000, Deduct	*-9.96*	
		For >10,000 To 20,000, Deduct	*-13.19*	
		For >20,000, Deduct	*-16.42*	
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	143.98	
		For 2,500 PSI Concrete, Deduct	*-8.87*	
		For 3,000 PSI Concrete, Deduct	*-5.78*	
		For 3,500 PSI Concrete, Deduct	*-4.63*	
		For 4,000 PSI Concrete, Deduct	*-2.00*	
		For 5,000 PSI Concrete, Add	*1.23*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.02*	
		For <12' Wide Pass, Add	*24.43*	
		For 24' Or Greater Wide Pass, Deduct	*-28.80*	
		For Air Entrainment, Add	*3.85*	
		For Slipforming, Deduct	*-14.40*	
		For Up To 100, Add	*55.55*	
		For >100 To 250, Add	*31.63*	
		For >250 To 500, Add	*15.82*	
		For >1,000 To 2,000, Deduct	*-3.85*	
		For >2,000 To 5,000, Deduct	*-7.45*	
		For >5,000 To 10,000, Deduct	*-11.05*	
		For >10,000 To 20,000, Deduct	*-14.65*	
		For >20,000, Deduct	*-18.25*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	171.56	
		For 2,500 PSI Concrete, Deduct	*-10.50*	
		For 3,000 PSI Concrete, Deduct	*-6.85*	
		For 3,500 PSI Concrete, Deduct	*-5.48*	
		For 4,000 PSI Concrete, Deduct	*-2.37*	
		For 5,000 PSI Concrete, Add	*1.46*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.87*	
		For <12' Wide Pass, Add	*29.20*	
		For 24' Or Greater Wide Pass, Deduct	*-34.31*	
		For Air Entrainment, Add	*4.56*	
		For Slipforming, Deduct	*-17.16*	
		For Up To 100, Add	*66.42*	
		For >100 To 250, Add	*37.77*	
		For >250 To 500, Add	*18.89*	
		For >1,000 To 2,000, Deduct	*-4.56*	
		For >2,000 To 5,000, Deduct	*-8.85*	
		For >5,000 To 10,000, Deduct	*-13.14*	
		For >10,000 To 20,000, Deduct	*-17.43*	
		For >20,000, Deduct	*-21.72*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	218.64	
		For 2,500 PSI Concrete, Deduct	*-12.89*	
		For 3,000 PSI Concrete, Deduct	*-8.41*	
		For 3,500 PSI Concrete, Deduct	*-6.73*	
		For 4,000 PSI Concrete, Deduct	*-2.91*	
		For 5,000 PSI Concrete, Add	*1.79*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*14.57*	
		For <12' Wide Pass, Add	*37.84*	
		For 24' Or Greater Wide Pass, Deduct	*-43.73*	
		For Air Entrainment, Add	*5.61*	
		For Slipforming, Deduct	*-21.86*	
		For Up To 100, Add	*86.34*	
		For >100 To 250, Add	*48.78*	
		For >250 To 500, Add	*24.39*	
		For >1,000 To 2,000, Deduct	*-5.61*	
		For >2,000 To 5,000, Deduct	*-11.07*	
		For >5,000 To 10,000, Deduct	*-16.54*	
		For >10,000 To 20,000, Deduct	*-22.00*	
		For >20,000, Deduct	*-27.47*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

See CSI section 32 17 26 00-0000 for tactile warning surfaces.

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	5.34	

32 13 43 Pervious Concrete Paving *(32 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 43 00-0001		Pervious Concrete Assemblies *(32 13 43)* Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.		
32 13 43 00-0002	SF	6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	19.60	
		For >5,000 To 30,000, Deduct	*-2.11*	
		For >30,000 To 100,000, Deduct	*-3.87*	
		For >100,000, Deduct	*-4.80*	
32 13 43 00-0003	SF	9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	24.79	
		For >5,000 To 30,000, Deduct	*-2.59*	
		For >30,000 To 100,000, Deduct	*-4.67*	
		For >100,000, Deduct	*-5.80*	
32 13 73		**Concrete Paving Joint Sealants** *(32 13)*		
32 13 73 13		**Fuel-Resistant Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 13-0001		Concrete Pavement Joint And Crack Repair *(32 13 73 13)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002		Silicone Concrete Pavement Joint And Crack Repair *(32 13 73 13-0001)*		
32 13 73 13-0003	CLF	1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	683.96	
		For Custom Match Coloring, Add	*20.74*	
		For 1 Part Mildew Resistant, Add	*30.25*	
		For High-Modulus Non-Acid Curing, Add	*17.29*	
32 13 73 13-0004	CLF	1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	767.02	
		For Custom Match Coloring, Add	*31.12*	
		For 1 Part Mildew Resistant, Add	*45.38*	
		For High-Modulus Non-Acid Curing, Add	*25.93*	
32 13 73 13-0005	CLF	1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	850.06	
		For Custom Match Coloring, Add	*41.49*	
		For 1 Part Mildew Resistant, Add	*60.50*	
		For High-Modulus Non-Acid Curing, Add	*34.57*	
32 13 73 13-0006	CLF	3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	871.67	
		For Custom Match Coloring, Add	*46.67*	
		For 1 Part Mildew Resistant, Add	*68.06*	
		For High-Modulus Non-Acid Curing, Add	*38.89*	
32 13 73 13-0007	CLF	3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	956.41	
		For Custom Match Coloring, Add	*62.23*	
		For 1 Part Mildew Resistant, Add	*90.75*	
		For High-Modulus Non-Acid Curing, Add	*51.86*	
32 13 73 13-0008	CLF	3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,041.14	
		For Custom Match Coloring, Add	*77.79*	
		For 1 Part Mildew Resistant, Add	*113.44*	
		For High-Modulus Non-Acid Curing, Add	*64.82*	
32 13 73 13-0009	CLF	3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,145.81	
		For Custom Match Coloring, Add	*93.35*	
		For 1 Part Mildew Resistant, Add	*136.13*	
		For High-Modulus Non-Acid Curing, Add	*77.79*	
32 13 73 13-0010	CLF	1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,062.75	
		For Custom Match Coloring, Add	*82.97*	
		For 1 Part Mildew Resistant, Add	*121.00*	
		For High-Modulus Non-Acid Curing, Add	*69.14*	
32 13 73 13-0011	CLF	1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,228.86	
		For Custom Match Coloring, Add	*103.72*	
		For 1 Part Mildew Resistant, Add	*151.25*	
		For High-Modulus Non-Acid Curing, Add	*86.43*	
32 13 73 13-0012	CLF	1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,355.12	
		For Custom Match Coloring, Add	*124.46*	
		For 1 Part Mildew Resistant, Add	*181.50*	
		For High-Modulus Non-Acid Curing, Add	*103.72*	
32 13 73 13-0013	CLF	1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,481.39	
		For Custom Match Coloring, Add	*145.20*	
		For 1 Part Mildew Resistant, Add	*211.75*	
		For High-Modulus Non-Acid Curing, Add	*121.00*	
32 13 73 13-0014	CLF	1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,587.74	
		For Custom Match Coloring, Add	*165.95*	
		For 1 Part Mildew Resistant, Add	*242.00*	
		For High-Modulus Non-Acid Curing, Add	*138.29*	
32 13 73 13-0015	CLF	3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,694.08	
		For Custom Match Coloring, Add	*186.69*	
		For 1 Part Mildew Resistant, Add	*272.25*	
		For High-Modulus Non-Acid Curing, Add	*155.57*	
32 13 73 13-0016	CLF	3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,036.43	
		For Custom Match Coloring, Add	*259.29*	
		For 1 Part Mildew Resistant, Add	*378.13*	
		For High-Modulus Non-Acid Curing, Add	*216.08*	
32 13 73 13-0017	CLF	1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,378.76	
		For Custom Match Coloring, Add	*331.89*	
		For 1 Part Mildew Resistant, Add	*484.01*	
		For High-Modulus Non-Acid Curing, Add	*276.58*	
32 13 73 16		**Field-Molded Concrete Paving Joint Sealants** *(32 13 73)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 16-0001		**Preformed Elastomeric Concrete Pavement Joint And Crack Repair** *(32 13 73 16)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	15.37	
32 13 73 19		**Compression Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 19-0001		**Silicone Joint Sealant For Concrete Pavement** *(32 13 73 19)* Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.		
32 13 73 19-0002	CLF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	608.13	127.74
		For >25 To 50, Deduct	*-16.17*	
		For >50 To 100, Deduct	*-32.84*	
		For >100 To 175, Deduct	*-48.04*	
		For >175 To 250, Deduct	*-65.67*	
		For >250, Deduct	*-83.30*	
32 13 73 19-0003	CLF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	686.29	136.26
		For >25 To 50, Deduct	*-18.57*	
		For >50 To 100, Deduct	*-37.85*	
		For >100 To 175, Deduct	*-55.00*	
		For >175 To 250, Deduct	*-75.69*	
		For >250, Deduct	*-96.38*	
32 13 73 19-0004	CLF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	789.82	144.78
		For >25 To 50, Deduct	*-21.85*	
		For >50 To 100, Deduct	*-44.76*	
		For >100 To 175, Deduct	*-64.50*	
		For >175 To 250, Deduct	*-89.52*	
		For >250, Deduct	*-114.53*	
32 13 73 19-0005	CLF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	1,137.11	161.80
		For >25 To 50, Deduct	*-33.33*	
		For >50 To 100, Deduct	*-69.10*	
		For >100 To 175, Deduct	*-97.53*	
		For >175 To 250, Deduct	*-138.20*	
		For >250, Deduct	*-178.88*	
32 13 73 19-0006	CLF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	1,541.77	191.61
		For >25 To 50, Deduct	*-46.30*	
		For >50 To 100, Deduct	*-96.47*	
		For >100 To 175, Deduct	*-135.02*	
		For >175 To 250, Deduct	*-192.94*	
		For >250, Deduct	*-250.87*	
32 13 73 19-0007	CLF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	2,204.05	212.90
		For >25 To 50, Deduct	*-68.63*	
		For >50 To 100, Deduct	*-144.01*	
		For >100 To 175, Deduct	*-199.11*	
		For >175 To 250, Deduct	*-288.03*	
		For >250, Deduct	*-376.94*	
32 13 73 19-0008	CLF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	3,063.23	236.56
		For >25 To 50, Deduct	*-97.75*	
		For >50 To 100, Deduct	*-206.09*	
		For >100 To 175, Deduct	*-282.67*	
		For >175 To 250, Deduct	*-412.17*	
		For >250, Deduct	*-541.68*	
32 14		**Unit Paving** *(32 10)*		
32 14 09		**Paver Restraints** *(32 14)*		
32 14 09 00-0001		**Paver Restraints** *(32 14 09)* Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.		
32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	5.52	1.32
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000 To 4,000, Deduct	*-1.09*	
		For >4,000, Deduct	*-1.39*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	5.97	1.32
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.39*	
		For >2,000, Deduct	*-0.58*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	5.75	1.32
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 1,500, Deduct	*-0.91*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	6.76	1.32
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 1,500, Deduct	*-1.16*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	8.72	1.32
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 1,500, Deduct	*-1.65*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	10.22	1.32
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 1,500, Deduct	*-2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 14 11 Bedding for Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Screeded Sand Bedding	1.03	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.14*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.13*	
32 14 11 00-0003	SF	1" To 2" Screeded Stone Dust Bedding	1.19	
		For Up To 100, Add	*0.51*	
		For >100 To 500, Add	*0.14*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.14*	
32 14 11 00-0004	SF	3" Screeded Stone Dust Bedding	1.50	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.18*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.17*	
32 14 11 00-0005	SF	4" Screeded Stone Dust Bedding	1.89	
		For Up To 100, Add	*0.78*	
		For >100 To 500, Add	*0.22*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.20*	
32 14 11 00-0006	SF	1" Mortar Bedding	3.45	
		For Up To 100, Add	*1.55*	
		For >100 To 500, Add	*0.45*	
		For >1,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.43*	
32 14 11 00-0007	SF	2" Mortar Bedding	5.07	
		For Up To 100, Add	*2.19*	
		For >100 To 500, Add	*0.62*	
		For >1,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.72	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.23*	
		For >1,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.23*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.	12.53	3.43
		For 2-3/4" Concrete Paver, Add	*1.19*	
		For 3-1/8" Concrete Paver, Add	*1.92*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.97*	
		For Up To 100, Add	*4.86*	
		For >100 To 500, Add	*1.32*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.21*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.	11.90	3.14
		For 2-3/4" Concrete Paver, Add	*1.16*	
		For 3-1/8" Concrete Paver, Add	*1.88*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.91*	
		For Up To 100, Add	*4.55*	
		For >100 To 500, Add	*1.22*	
		For >1,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-1.11*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers.	11.33	2.50
		For 2-3/4" Concrete Paver, Add	*1.13*	
		For 3-1/8" Concrete Paver, Add	*1.83*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.85*	
		For Up To 100, Add	*4.26*	
		For >100 To 500, Add	*1.14*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.03*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	10.80	2.60
		For 2-3/4" Concrete Paver, Add	*1.10*	
		For 3-1/8" Concrete Paver, Add	*1.79*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.80*	
		For Up To 100, Add	*4.00*	
		For >100 To 500, Add	*1.06*	
		For >1,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	11.60	2.99
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*1.14*	
		For 3-1/8" Concrete Paver, Add	*1.85*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.88*	
		For Up To 100, Add	*4.40*	
		For >100 To 500, Add	*1.18*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.07*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	12.85	2.99
		For Up To 100, Add	*4.71*	
		For >100 To 500, Add	*1.24*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.10*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	15.94	3.43
		For 1-3/8" Thick Paver, Deduct	*-3.51*	
		For 2-3/4" Thick Paver (Vehicular), Add	*8.05*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.14*	
		For Up To 100, Add	*5.71*	
		For >100 To 500, Add	*1.49*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.31*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	23.91	3.93
		For 1-3/8" Thick Paver, Deduct	*-6.01*	
		For 2-3/4" Thick Paver (Vehicular), Add	*14.10*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.59*	
		For Up To 100, Add	*7.94*	
		For >100 To 500, Add	*1.98*	
		For >1,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-1.66*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 13 Permeable Plastic Paving *(32 14 33)*

32 14 33 13-0001 Turf Block Plastic Paving *(32 14 33 13)*

32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	19.61	2.99
		For Up To 100, Add	*6.40*	
		For >100 To 500, Add	*1.58*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.31*	

32 14 40 Stone Paving *(32 14)*

32 14 40 00-0001 Slate Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	16.49	2.86
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.11*	
		For 1/4" Thick Paver, Deduct	*-8.33*	
		For 1/2" Thick Paver, Deduct	*-5.82*	
		For Up To 100, Add	*5.55*	
		For >100 To 500, Add	*1.40*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.18*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	15.96	2.60
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.06*	
		For 1/4" Thick Paver, Deduct	*-8.19*	
		For 1/2" Thick Paver, Deduct	*-5.74*	
		For Up To 100, Add	*5.29*	
		For >100 To 500, Add	*1.32*	
		For >1,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-1.10*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	15.07	2.14
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.97*	
		For 1/4" Thick Paver, Deduct	*-7.97*	
		For 1/2" Thick Paver, Deduct	*-5.60*	
		For Up To 100, Add	*4.84*	
		For >100 To 500, Add	*1.18*	
		For >1,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	14.68	1.94
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.93*	
		For 1/4" Thick Paver, Deduct	*-7.87*	
		For 1/2" Thick Paver, Deduct	*-5.54*	
		For Up To 100, Add	*4.65*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.91*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	15.47	2.35
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.01*	
		For 1/4" Thick Paver, Deduct	*-8.07*	
		For 1/2" Thick Paver, Deduct	*-5.66*	
		For Up To 100, Add	*5.04*	
		For >100 To 500, Add	*1.24*	
		For >1,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-1.03*	

32 14 40 00-0007 Granite Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	31.21	2.86
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.85*	
		For 2" Granite Paver, Add	*1.56*	
		For 3" Granite Paver, Add	*3.12*	
		For 4" Granite Paver, Add	*3.41*	
		For Up To 100, Add	*9.23*	
		For >100 To 500, Add	*2.13*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.62*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	30.68	2.60
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.79*	
		For 2" Granite Paver, Add	*1.53*	
		For 3" Granite Paver, Add	*3.07*	
		For 4" Granite Paver, Add	*3.33*	
		For Up To 100, Add	*8.97*	
		For >100 To 500, Add	*2.05*	
		For >1,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-1.54*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	29.79	2.14
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.70*	
		For 2" Granite Paver, Add	*1.49*	
		For 3" Granite Paver, Add	*2.98*	
		For 4" Granite Paver, Add	*3.19*	
		For Up To 100, Add	*8.52*	
		For >100 To 500, Add	*1.92*	
		For >1,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-1.41*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	29.40	1.94
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.67*	
		For 2" Granite Paver, Add	*1.47*	
		For 3" Granite Paver, Add	*2.94*	
		For 4" Granite Paver, Add	*3.14*	
		For Up To 100, Add	*8.33*	
		For >100 To 500, Add	*1.86*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-1.35*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	30.19	2.35
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.74*	
		For 2" Granite Paver, Add	*1.51*	
		For 3" Granite Paver, Add	*3.02*	
		For 4" Granite Paver, Add	*3.25*	
		For Up To 100, Add	*8.72*	
		For >100 To 500, Add	*1.98*	
		For >1,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-1.47*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	107.49	

32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 15 40 00-0004	CY	Limestone Screenings For Trail	81.71	

32 15 40 00-0005 Decomposed Granite *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	20.34	
		Note: Placed in 2 lifts.		
		For Additional 2" Lift	*10.17*	
		For >45 To 180, Deduct	*-1.36*	
		For >180 To 450, Deduct	*-1.71*	
		For >450, Deduct	*-2.06*	

32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

32 16 13 Curbs and Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0059 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 CALTRANs Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0002	LF	CALTRANs Type A1-6 Straight Concrete Curb Assembly	27.16	11.23
		For Up To 20, Add	*15.26*	
		For >20 To 50, Add	*8.61*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.66*	
32 16 13 13-0003	LF	CALTRANs Type A1-6 Radius Concrete Curb Assembly	30.32	12.91
		For Up To 20, Add	*17.43*	
		For >20 To 50, Add	*9.85*	
		For >50 To 100, Add	*3.79*	
		For >500 To 1,000, Deduct	*-3.79*	
		For >1,000, Deduct	*-6.44*	
32 16 13 13-0004	LF	CALTRANs Type A1-8 Straight Concrete Curb Assembly	28.24	11.23
		For Up To 20, Add	*16.59*	
		For >20 To 50, Add	*9.39*	
		For >50 To 100, Add	*3.60*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-6.11*	
32 16 13 13-0005	LF	CALTRANs Type A1-8 Radius Concrete Curb Assembly	30.29	12.91
		For Up To 20, Add	*17.99*	
		For >20 To 50, Add	*10.19*	
		For >50 To 100, Add	*3.90*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000, Deduct	*-6.61*	
32 16 13 13-0006	LF	CALTRANs Type A3-6 Straight Concrete Curb Assembly	14.52	7.59
		For Up To 20, Add	*8.52*	
		For >20 To 50, Add	*4.82*	
		For >50 To 100, Add	*1.85*	
		For >500 To 1,000, Deduct	*-1.85*	
		For >1,000, Deduct	*-3.14*	
32 16 13 13-0007	LF	CALTRANs Type A3-6 Radius Concrete Curb Assembly	16.77	8.76
		For Up To 20, Add	*10.09*	
		For >20 To 50, Add	*5.72*	
		For >50 To 100, Add	*2.19*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.70*	
32 16 13 13-0008	LF	CALTRANs Type A3-8 Straight Concrete Curb Assembly	16.14	7.86
		For Up To 20, Add	*9.29*	
		For >20 To 50, Add	*5.25*	
		For >50 To 100, Add	*2.02*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-3.43*	
32 16 13 13-0009	LF	CALTRANs Type A3-8 Radius Concrete Curb Assembly	18.49	9.43
		For Up To 20, Add	*10.94*	
		For >20 To 50, Add	*6.19*	
		For >50 To 100, Add	*2.37*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000, Deduct	*-4.02*	
32 16 13 13-0010	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	24.75	11.23
		For Up To 20, Add	*13.93*	
		For >20 To 50, Add	*7.86*	
		For >50 To 100, Add	*3.03*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-5.17*	
32 16 13 13-0011	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	27.63	12.91
		For Up To 20, Add	*15.91*	
		For >20 To 50, Add	*8.99*	
		For >50 To 100, Add	*3.46*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-5.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0012	LF	CALTRANs Type B1-6 Straight Concrete Curb Assembly	27.78	11.23
		For Up To 20, Add	*15.38*	
		For >20 To 50, Add	*8.67*	
		For >50 To 100, Add	*3.35*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-5.73*	
32 16 13 13-0013	LF	CALTRANs Type B1-6 Radius Concrete Curb Assembly	30.94	12.91
		For Up To 20, Add	*17.56*	
		For >20 To 50, Add	*9.92*	
		For >50 To 100, Add	*3.82*	
		For >500 To 1,000, Deduct	*-3.82*	
		For >1,000, Deduct	*-6.51*	
32 16 13 13-0014	LF	CALTRANs Type B3-4 Straight Concrete Curb Assembly	103.63	6.84
		For Up To 20, Add	*71.25*	
		For >20 To 50, Add	*40.68*	
		For >50 To 100, Add	*15.29*	
		For >500 To 1,000, Deduct	*-15.29*	
		For >1,000, Deduct	*-25.52*	
32 16 13 13-0015	LF	CALTRANs Type B3-4 Radius Concrete Curb Assembly	14.71	7.86
		For Up To 20, Add	*9.01*	
		For >20 To 50, Add	*5.11*	
		For >50 To 100, Add	*1.95*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000, Deduct	*-3.29*	
32 16 13 13-0016	LF	CALTRANs Type B3-6 Straight Concrete Curb Assembly	14.25	7.08
		For Up To 20, Add	*8.30*	
		For >20 To 50, Add	*4.69*	
		For >50 To 100, Add	*1.80*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-3.06*	
32 16 13 13-0017	LF	CALTRANs Type B3-6 Radius Concrete Curb Assembly	16.38	8.54
		For Up To 20, Add	*9.79*	
		For >20 To 50, Add	*5.54*	
		For >50 To 100, Add	*2.12*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-3.59*	
32 16 13 13-0018	LF	CALTRANs Type D-4 Straight Concrete Curb Assembly	28.16	11.23
		For Up To 20, Add	*14.61*	
		For >20 To 50, Add	*8.20*	
		For >50 To 100, Add	*3.20*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-5.51*	
32 16 13 13-0019	LF	CALTRANs Type D-4 Radius Concrete Curb Assembly	31.04	12.91
		For Up To 20, Add	*16.59*	
		For >20 To 50, Add	*9.34*	
		For >50 To 100, Add	*3.63*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000, Deduct	*-6.22*	
32 16 13 13-0020	LF	CALTRANs Type D-6 Straight Concrete Curb Assembly	33.05	11.23
		For Up To 20, Add	*15.59*	
		For >20 To 50, Add	*8.69*	
		For >50 To 100, Add	*3.45*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-6.00*	
32 16 13 13-0021	LF	CALTRANs Type D-6 Radius Concrete Curb Assembly	35.93	12.91
		For Up To 20, Add	*17.57*	
		For >20 To 50, Add	*9.82*	
		For >50 To 100, Add	*3.87*	
		For >500 To 1,000, Deduct	*-3.87*	
		For >1,000, Deduct	*-6.71*	

32 16 13 13-0022 CALTRANs Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0023	LF	CALTRANs Type A2-6 Straight Concrete Curb And Gutter Assembly	57.19	21.80
		For Up To 20, Add	*38.68*	
		For >20 To 50, Add	*21.52*	
		For >50 To 100, Add	*8.58*	
		For >500 To 1,000, Deduct	*-7.22*	
		For >1,000, Deduct	*-12.26*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.61*	
32 16 13 13-0024	LF	CALTRANs Type A2-6 Radius Concrete Curb And Gutter Assembly	61.78	24.10
		For Up To 20, Add	*41.89*	
		For >20 To 50, Add	*23.35*	
		For >50 To 100, Add	*9.27*	
		For >500 To 1,000, Deduct	*-7.91*	
		For >1,000, Deduct	*-13.41*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.07*	
32 16 13 13-0025	LF	CALTRANs Type A2-8 Straight Concrete Curb And Gutter Assembly	61.46	21.80
		For Up To 20, Add	*41.56*	
		For >20 To 50, Add	*23.13*	
		For >50 To 100, Add	*9.22*	
		For >500 To 1,000, Deduct	*-7.76*	
		For >1,000, Deduct	*-13.18*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0026	LF	CALTRANs Type A2-8 Radius Concrete Curb And Gutter Assembly	66.39	24.10
		For Up To 20, Add	*45.02*	
		For >20 To 50, Add	*25.10*	
		For >50 To 100, Add	*9.96*	
		For >500 To 1,000, Deduct	*-8.50*	
		For >1,000, Deduct	*-14.41*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.38*	
32 16 13 13-0027	LF	CALTRANs Type B2-4 Straight Concrete Curb And Gutter Assembly	32.16	12.50
		For Up To 20, Add	*21.22*	
		For >20 To 50, Add	*11.58*	
		For >50 To 100, Add	*4.82*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000, Deduct	*-6.11*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.22*	
32 16 13 13-0028	LF	CALTRANs Type B2-4 Radius Concrete Curb And Gutter Assembly	34.00	13.77
		For Up To 20, Add	*22.51*	
		For >20 To 50, Add	*12.31*	
		For >50 To 100, Add	*5.10*	
		For >500 To 1,000, Deduct	*-3.81*	
		For >1,000, Deduct	*-6.57*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.40*	
32 16 13 13-0029	LF	CALTRANs Type B2-6 Straight Concrete Curb And Gutter Assembly	38.17	13.77
		For Up To 20, Add	*25.31*	
		For >20 To 50, Add	*13.86*	
		For >50 To 100, Add	*5.73*	
		For >500 To 1,000, Deduct	*-4.32*	
		For >1,000, Deduct	*-7.43*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.64*	
32 16 13 13-0030	LF	CALTRANs Type B2-6 Radius Concrete Curb And Gutter Assembly	40.46	18.36
		For Up To 20, Add	*26.92*	
		For >20 To 50, Add	*14.78*	
		For >50 To 100, Add	*6.07*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-8.01*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.87*	
32 16 13 13-0031	LF	CALTRANs Type B4-6 Straight Concrete Curb And Gutter Assembly	61.20	23.98
		For Up To 20, Add	*41.52*	
		For >20 To 50, Add	*23.16*	
		For >50 To 100, Add	*9.18*	
		For >500 To 1,000, Deduct	*-7.86*	
		For >1,000, Deduct	*-13.32*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.07*	
32 16 13 13-0032	LF	CALTRANs Type B4-6 Radius Concrete Curb And Gutter Assembly	65.56	26.16
		For Up To 20, Add	*44.57*	
		For >20 To 50, Add	*24.90*	
		For >50 To 100, Add	*9.83*	
		For >500 To 1,000, Deduct	*-8.51*	
		For >1,000, Deduct	*-14.41*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.51*	
32 16 13 13-0033	LF	CALTRANs Type E Straight Concrete Curb And Gutter Assembly	65.43	25.24
		For Up To 20, Add	*44.31*	
		For >20 To 50, Add	*24.68*	
		For >50 To 100, Add	*9.81*	
		For >500 To 1,000, Deduct	*-8.32*	
		For >1,000, Deduct	*-14.12*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.23*	
32 16 13 13-0034	LF	CALTRANs Type E Radius Concrete Curb And Gutter Assembly	70.03	27.54
		For Up To 20, Add	*47.53*	
		For >20 To 50, Add	*26.52*	
		For >50 To 100, Add	*10.50*	
		For >500 To 1,000, Deduct	*-9.01*	
		For >1,000, Deduct	*-15.27*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.69*	

32 16 13 13-0035 Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0036	LF	6" x 12" Cast In Place Concrete Curb	24.15	11.23
		For Mountable Curb, Add	*1.46*	
		For Up To 20, Add	*13.81*	
		For >20 To 50, Add	*7.80*	
		For >50 To 100, Add	*3.00*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-5.11*	
32 16 13 13-0037	LF	6" x 12" Cast In Place Concrete Curb - Radius	27.37	12.91
		For Mountable Curb, Add	*1.71*	
		For Up To 20, Add	*15.86*	
		For >20 To 50, Add	*8.97*	
		For >50 To 100, Add	*3.45*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-5.85*	
32 16 13 13-0038	LF	6" x 14" Cast In Place Concrete Curb	26.32	11.23
		For Mountable Curb, Add	*1.60*	
		For Up To 20, Add	*15.09*	
		For >20 To 50, Add	*8.53*	
		For >50 To 100, Add	*3.28*	
		For >500 To 1,000, Deduct	*-3.28*	
		For >1,000, Deduct	*-5.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0039	LF	6" x 14" Cast In Place Concrete Curb - Radius	29.86	12.91
		For Mountable Curb, Add	*1.88*	
		For Up To 20, Add	*17.34*	
		For >20 To 50, Add	*9.81*	
		For >50 To 100, Add	*3.77*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-6.40*	
32 16 13 13-0040	LF	6" x 16" Cast In Place Concrete Curb	28.77	11.23
		For Mountable Curb, Add	*1.72*	
		For Up To 20, Add	*16.42*	
		For >20 To 50, Add	*9.28*	
		For >50 To 100, Add	*3.57*	
		For >500 To 1,000, Deduct	*-3.57*	
		For >1,000, Deduct	*-6.08*	
32 16 13 13-0041	LF	6" x 16" Cast In Place Concrete Curb - Radius	32.52	16.84
		For Mountable Curb, Add	*2.04*	
		For Up To 20, Add	*18.85*	
		For >20 To 50, Add	*10.66*	
		For >50 To 100, Add	*4.10*	
		For >500 To 1,000, Deduct	*-4.10*	
		For >1,000, Deduct	*-6.96*	
32 16 13 13-0042	LF	6" x 18" Cast In Place Concrete Curb	30.69	11.23
		For Mountable Curb, Add	*1.83*	
		For Up To 20, Add	*17.48*	
		For >20 To 50, Add	*9.88*	
		For >50 To 100, Add	*3.80*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-6.47*	
32 16 13 13-0043	LF	6" x 18" Cast In Place Concrete Curb - Radius	34.40	12.91
		For Mountable Curb, Add	*2.11*	
		For Up To 20, Add	*19.79*	
		For >20 To 50, Add	*11.19*	
		For >50 To 100, Add	*4.30*	
		For >500 To 1,000, Deduct	*-4.30*	
		For >1,000, Deduct	*-7.31*	
32 16 13 13-0044	LF	6" x 24" Cast In Place Concrete Curb	35.05	12.35
		For Mountable Curb, Add	*1.94*	
		For Up To 20, Add	*19.49*	
		For >20 To 50, Add	*10.99*	
		For >50 To 100, Add	*4.25*	
		For >500 To 1,000, Deduct	*-4.25*	
		For >1,000, Deduct	*-7.25*	
32 16 13 13-0045	LF	6" x 24" Cast In Place Concrete Curb - Radius	38.95	14.03
		For Mountable Curb, Add	*2.21*	
		For Up To 20, Add	*21.83*	
		For >20 To 50, Add	*12.32*	
		For >50 To 100, Add	*4.75*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000, Deduct	*-8.11*	
32 16 13 13-0046	LF	12" x 24" Cast In Place Concrete Curb	44.82	14.03
		For Mountable Curb, Add	*1.89*	
		For Up To 20, Add	*23.00*	
		For >20 To 50, Add	*12.90*	
		For >50 To 100, Add	*5.05*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-8.69*	
32 16 13 13-0047	LF	12" x 24" Cast In Place Concrete Curb - Radius	49.65	15.71
		For Mountable Curb, Add	*2.14*	
		For Up To 20, Add	*25.65*	
		For >20 To 50, Add	*14.40*	
		For >50 To 100, Add	*5.63*	
		For >500 To 1,000, Deduct	*-5.63*	
		For >1,000, Deduct	*-9.68*	
32 16 13 13-0048	EA	Additional Finish For Handicap Drop Section In Curb	84.21	

32 16 13 13-0049 Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0050	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	32.57	13.77
		For Up To 20, Add	*21.95*	
		For >20 To 50, Add	*12.18*	
		For >50 To 100, Add	*4.89*	
		For >500 To 1,000, Deduct	*-4.04*	
		For >1,000, Deduct	*-6.87*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.95*	
32 16 13 13-0051	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	35.30	18.36
		For Up To 20, Add	*23.82*	
		For >20 To 50, Add	*13.23*	
		For >50 To 100, Add	*5.30*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000, Deduct	*-7.49*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.15*	
32 16 13 13-0052	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	40.70	15.26
		For Up To 20, Add	*27.46*	
		For >20 To 50, Add	*15.25*	
		For >50 To 100, Add	*6.11*	
		For >500 To 1,000, Deduct	*-5.08*	
		For >1,000, Deduct	*-8.63*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0053	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	44.73	16.98
		For Up To 20, Add	*30.22*	
		For >20 To 50, Add	*16.80*	
		For >50 To 100, Add	*6.71*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-9.55*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.79*	
32 16 13 13-0054	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	48.83	18.36
		For Up To 20, Add	*32.97*	
		For >20 To 50, Add	*18.32*	
		For >50 To 100, Add	*7.32*	
		For >500 To 1,000, Deduct	*-6.11*	
		For >1,000, Deduct	*-10.39*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.00*	
32 16 13 13-0055	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	54.16	20.66
		For Up To 20, Add	*36.63*	
		For >20 To 50, Add	*20.38*	
		For >50 To 100, Add	*8.12*	
		For >500 To 1,000, Deduct	*-6.84*	
		For >1,000, Deduct	*-11.61*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.42*	
32 16 13 13-0056	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And 8" Face - Straight	51.21	18.36
		For Up To 20, Add	*34.58*	
		For >20 To 50, Add	*19.22*	
		For >50 To 100, Add	*7.68*	
		For >500 To 1,000, Deduct	*-6.42*	
		For >1,000, Deduct	*-10.91*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.16*	
		For Tapered Gutter With Level Bottom (Type A2-6 Or 8), Add	*1.27*	
32 16 13 13-0057	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And 8" Face - Radius	56.80	20.66
		For Up To 20, Add	*38.42*	
		For >20 To 50, Add	*21.38*	
		For >50 To 100, Add	*8.52*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000, Deduct	*-12.19*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.60*	
		For Tapered Gutter With Level Bottom (Type A2-6 Or 8), Add	*1.34*	
32 16 13 13-0058	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	57.57	21.80
		For Up To 20, Add	*38.90*	
		For >20 To 50, Add	*21.63*	
		For >50 To 100, Add	*8.64*	
		For >500 To 1,000, Deduct	*-7.24*	
		For >1,000, Deduct	*-12.30*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.59*	
32 16 13 13-0059	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	63.03	24.10
		For Up To 20, Add	*42.64*	
		For >20 To 50, Add	*23.73*	
		For >50 To 100, Add	*9.45*	
		For >500 To 1,000, Deduct	*-7.97*	
		For >1,000, Deduct	*-13.53*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.00*	
32 16 13 13-0060	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	66.28	25.24
		For Up To 20, Add	*44.82*	
		For >20 To 50, Add	*24.93*	
		For >50 To 100, Add	*9.94*	
		For >500 To 1,000, Deduct	*-8.36*	
		For >1,000, Deduct	*-14.20*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.18*	
32 16 13 13-0061	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	71.90	27.54
		For Up To 20, Add	*48.65*	
		For >20 To 50, Add	*27.08*	
		For >50 To 100, Add	*10.79*	
		For >500 To 1,000, Deduct	*-9.10*	
		For >1,000, Deduct	*-15.45*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.58*	
32 16 13 13-0062	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	75.00	28.69
		For Up To 20, Add	*50.74*	
		For >20 To 50, Add	*28.24*	
		For >50 To 100, Add	*11.25*	
		For >500 To 1,000, Deduct	*-9.49*	
		For >1,000, Deduct	*-16.11*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.77*	
32 16 13 13-0063	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	83.05	32.13
		For Up To 20, Add	*56.26*	
		For >20 To 50, Add	*31.34*	
		For >50 To 100, Add	*12.46*	
		For >500 To 1,000, Deduct	*-10.58*	
		For >1,000, Deduct	*-17.94*	
		For Mountable Or Rolled Curb And Gutter, Add	*5.39*	

32 16 13 13-0064 Curb And Parkway Drains *(32 16 13 13)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 13-0065	EA	Case I Inlet Structure For Curb Drain	2,221.74
32 16 13 13-0066	EA	Case II Inlet Structure For Curb Drain	2,846.90
32 16 13 13-0067	EA	Up To 30" Wide Inlet Type I Structure For Parkway Drain	2,284.46
32 16 13 13-0068	EA	36" Wide Inlet Type I Structure For Parkway Drain	2,333.89
32 16 13 13-0069	EA	42" Wide Inlet Type I Structure For Parkway Drain	2,384.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0070	EA	48" Wide Inlet Type I Structure For Parkway Drain	2,430.23	
32 16 13 13-0071	EA	54" Wide Inlet Type I Structure For Parkway Drain	2,500.03	
32 16 13 13-0072	EA	60" Wide Inlet Type I Structure For Parkway Drain	2,553.21	
32 16 13 13-0073	EA	66" Wide Inlet Type I Structure For Parkway Drain	2,601.85	
32 16 13 13-0074	EA	72" Wide Inlet Type I Structure For Parkway Drain	2,652.77	
32 16 13 13-0075	LF	Up To 30" Wide x 4" Concrete Duct For Parkway Drain	163.52	
32 16 13 13-0076	LF	42" Wide x 4" Concrete Duct For Parkway Drain	186.05	
32 16 13 13-0077	LF	48" Wide x 4" Concrete Duct For Parkway Drain	208.60	
32 16 13 13-0078	LF	54" Wide x 4" Concrete Duct For Parkway Drain	231.13	
32 16 13 13-0079	LF	60" Wide x 4" Concrete Duct For Parkway Drain	253.66	
32 16 13 13-0080	LF	66" Wide x 4" Concrete Duct For Parkway Drain	276.20	
32 16 13 13-0081	LF	72" Wide x 4" Concrete Duct For Parkway Drain	298.73	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA	Minimum Set-up Charge For Machine Formed Concrete Curb (One Time Per Job)	1,665.31	
		Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	13.91	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	18.97	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	18.36	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	24.34	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	16.84	6.10
		For Curved Section, Add	*3.96*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	18.63	6.94
		For Curved Section, Add	*4.47*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.56	7.77
		For Curved Section, Add	*5.39*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	29.83	8.75
		For Curved Section, Add	*6.24*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	36.10	9.57
		For Curved Section, Add	*7.19*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	47.09	12.21
		For Curved Section, Add	*9.27*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	54.92	15.82
		For Curved Section, Add	*11.40*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	165.74	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	1' Wide Cast In Place Concrete Valley Gutter, 6" Thick	17.91
32 16 13 19-0003	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	25.05
		For Up To 20, Add	*11.75*
		For >20 To 50, Add	*6.55*
		For >50 To 100, Add	*2.60*
		For >500 To 1,000, Deduct	*-2.60*
		For >1,000, Deduct	*-4.53*
32 16 13 19-0004	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	30.70
		For Up To 20, Add	*14.25*
		For >20 To 50, Add	*7.94*
		For >50 To 100, Add	*3.16*
		For >500 To 1,000, Deduct	*-3.16*
		For >1,000, Deduct	*-5.50*
32 16 13 19-0005	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	36.27
		For Up To 20, Add	*16.70*
		For >20 To 50, Add	*9.30*
		For >50 To 100, Add	*3.70*
		For >500 To 1,000, Deduct	*-3.70*
		For >1,000, Deduct	*-6.46*
32 16 13 19-0006	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	41.83
		For Up To 20, Add	*19.15*
		For >20 To 50, Add	*10.65*
		For >50 To 100, Add	*4.25*
		For >500 To 1,000, Deduct	*-4.25*
		For >1,000, Deduct	*-7.42*
32 16 13 19-0007	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	47.39
		For Up To 20, Add	*21.59*
		For >20 To 50, Add	*12.01*
		For >50 To 100, Add	*4.79*
		For >500 To 1,000, Deduct	*-4.79*
		For >1,000, Deduct	*-8.37*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0008	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	56.22	
		For Up To 20, Add	*24.87*	
		For >20 To 50, Add	*13.80*	
		For >50 To 100, Add	*5.54*	
		For >500 To 1,000, Deduct	*-5.54*	
		For >1,000, Deduct	*-9.71*	
32 16 13 19-0009	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	64.68	
		For Up To 20, Add	*27.90*	
		For >20 To 50, Add	*15.45*	
		For >50 To 100, Add	*6.23*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-10.96*	
32 16 13 19-0010	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	10.78	
		For Up To 100, Add	*4.65*	
		For >100 To 250, Add	*2.58*	
		For >250 To 500, Add	*1.04*	
		For >2,500 To 5,000, Deduct	*-1.04*	
		For >5,000, Deduct	*-1.83*	
32 16 13 19-0011	LF	1' Wide Cast In Place Concrete Valley Gutter, 7" Thick	19.43	
		For Up To 20, Add	*10.27*	
		For >20 To 50, Add	*5.77*	
		For >50 To 100, Add	*2.25*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.86*	
32 16 13 19-0012	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	27.53	
		For Up To 20, Add	*12.61*	
		For >20 To 50, Add	*7.01*	
		For >50 To 100, Add	*2.80*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-4.88*	
32 16 13 19-0013	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	33.98	
		For Up To 20, Add	*15.46*	
		For >20 To 50, Add	*8.59*	
		For >50 To 100, Add	*3.43*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-6.00*	
32 16 13 19-0014	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	39.93	
		For Up To 20, Add	*17.96*	
		For >20 To 50, Add	*9.98*	
		For >50 To 100, Add	*3.99*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-6.98*	
32 16 13 19-0015	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	46.07	
		For Up To 20, Add	*20.59*	
		For >20 To 50, Add	*11.43*	
		For >50 To 100, Add	*4.58*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-8.02*	
32 16 13 19-0016	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	52.24	
		For Up To 20, Add	*23.24*	
		For >20 To 50, Add	*12.90*	
		For >50 To 100, Add	*5.17*	
		For >500 To 1,000, Deduct	*-5.17*	
		For >1,000, Deduct	*-9.06*	
32 16 13 19-0017	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	62.09	
		For Up To 20, Add	*26.80*	
		For >20 To 50, Add	*14.84*	
		For >50 To 100, Add	*5.98*	
		For >500 To 1,000, Deduct	*-5.98*	
		For >1,000, Deduct	*-10.52*	
32 16 13 19-0018	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	71.58	
		For Up To 20, Add	*30.12*	
		For >20 To 50, Add	*16.64*	
		For >50 To 100, Add	*6.74*	
		For >500 To 1,000, Deduct	*-6.74*	
		For >1,000, Deduct	*-11.90*	
32 16 13 19-0019	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	11.93	
		For Up To 100, Add	*5.02*	
		For >100 To 250, Add	*2.77*	
		For >250 To 500, Add	*1.12*	
		For >2,500 To 5,000, Deduct	*-1.12*	
		For >5,000, Deduct	*-1.98*	
32 16 13 19-0020	LF	1' Wide Cast In Place Concrete Valley Gutter, 8" Thick	19.86	
32 16 13 19-0021	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	27.74	
		For Up To 20, Add	*13.02*	
		For >20 To 50, Add	*7.26*	
		For >50 To 100, Add	*2.88*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-5.02*	
32 16 13 19-0022	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	34.01	
		For Up To 20, Add	*15.81*	
		For >20 To 50, Add	*8.80*	
		For >50 To 100, Add	*3.50*	
		For >500 To 1,000, Deduct	*-3.50*	
		For >1,000, Deduct	*-6.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0023	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	40.18	
		For Up To 20, Add	*18.53*	
		For >20 To 50, Add	*10.31*	
		For >50 To 100, Add	*4.11*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000, Deduct	*-7.17*	
32 16 13 19-0024	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	46.36	
		For Up To 20, Add	*21.25*	
		For >20 To 50, Add	*11.82*	
		For >50 To 100, Add	*4.71*	
		For >500 To 1,000, Deduct	*-4.71*	
		For >1,000, Deduct	*-8.23*	
32 16 13 19-0025	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	52.52	
		For Up To 20, Add	*23.96*	
		For >20 To 50, Add	*13.33*	
		For >50 To 100, Add	*5.32*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000, Deduct	*-9.29*	
32 16 13 19-0026	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	62.30	
32 16 13 19-0027	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	71.66	
32 16 13 19-0028	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	11.95	
		For Up To 100, Add	*5.17*	
		For >100 To 250, Add	*2.86*	
		For >250 To 500, Add	*1.15*	
		For >2,500 To 5,000, Deduct	*-1.15*	
		For >5,000, Deduct	*-2.03*	

32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	48.42	11.89
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	57.64	13.68
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	51.23	11.89
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	61.36	13.68
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	52.52	11.89
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	62.85	13.68
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	55.71	11.89
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	66.90	13.68

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	15.04	6.25
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	16.92	6.94
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	18.66	7.63

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Granite Curbs *(32 16 13 43)*

32 16 13 43-0002 Split Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	35.60	10.01
		For Up To 20, Add	*13.82*	
		For >20 To 50, Add	*7.58*	
		For >50 To 100, Add	*3.12*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000, Deduct	*-5.57*	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	42.37	10.94
		For Up To 20, Add	*15.75*	
		For >20 To 50, Add	*8.60*	
		For >50 To 100, Add	*3.57*	
		For >500 To 1,000, Deduct	*-3.57*	
		For >1,000, Deduct	*-6.42*	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	46.86	11.76
		For Up To 20, Add	*17.19*	
		For >20 To 50, Add	*9.38*	
		For >50 To 100, Add	*3.91*	
		For >500 To 1,000, Deduct	*-3.91*	
		For >1,000, Deduct	*-7.03*	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	55.87	12.68
		For Up To 20, Add	*19.57*	
		For >20 To 50, Add	*10.63*	
		For >50 To 100, Add	*4.47*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-8.11*	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	44.36	10.94
		For Up To 20, Add	*16.12*	
		For >20 To 50, Add	*8.78*	
		For >50 To 100, Add	*3.67*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000, Deduct	*-6.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	51.12	11.76
		For Up To 20, Add	*18.04*	
		For >20 To 50, Add	*9.80*	
		For >50 To 100, Add	*4.12*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-7.46*	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	55.67	12.68
		For Up To 20, Add	*19.53*	
		For >20 To 50, Add	*10.61*	
		For >50 To 100, Add	*4.46*	
		For >500 To 1,000, Deduct	*-4.46*	
		For >1,000, Deduct	*-8.09*	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	64.68	13.50
		For Up To 20, Add	*21.92*	
		For >20 To 50, Add	*11.86*	
		For >50 To 100, Add	*5.03*	
		For >500 To 1,000, Deduct	*-5.03*	
		For >1,000, Deduct	*-9.16*	

32 16 13 43-0011 Sawn Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	35.60	10.01
		For Up To 20, Add	*13.82*	
		For >20 To 50, Add	*7.58*	
		For >50 To 100, Add	*3.12*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000, Deduct	*-5.57*	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	42.37	10.94
		For Up To 20, Add	*15.75*	
		For >20 To 50, Add	*8.60*	
		For >50 To 100, Add	*3.57*	
		For >500 To 1,000, Deduct	*-3.57*	
		For >1,000, Deduct	*-6.42*	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	46.93	11.76
		For Up To 20, Add	*17.24*	
		For >20 To 50, Add	*9.41*	
		For >50 To 100, Add	*3.92*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000, Deduct	*-7.05*	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	55.95	12.68
		For Up To 20, Add	*19.63*	
		For >20 To 50, Add	*10.66*	
		For >50 To 100, Add	*4.49*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-8.13*	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	50.61	10.94
		For Up To 20, Add	*17.40*	
		For >20 To 50, Add	*9.43*	
		For >50 To 100, Add	*3.99*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-7.24*	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	60.85	11.76
		For Up To 20, Add	*20.03*	
		For >20 To 50, Add	*10.80*	
		For >50 To 100, Add	*4.61*	
		For >500 To 1,000, Deduct	*-4.61*	
		For >1,000, Deduct	*-8.44*	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	67.53	12.68
		For Up To 20, Add	*21.95*	
		For >20 To 50, Add	*11.82*	
		For >50 To 100, Add	*5.06*	
		For >500 To 1,000, Deduct	*-5.06*	
		For >1,000, Deduct	*-9.29*	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	81.44	13.50
		For Up To 20, Add	*25.31*	
		For >20 To 50, Add	*13.56*	
		For >50 To 100, Add	*5.88*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000, Deduct	*-10.85*	

32 16 13 43-0020 Granite Base And Curbs *(32 16 13 43-0001)*

32 16 13 43-0021	LF	4" High Granite Base	39.31	12.67
		For Up To 20, Add	*16.28*	
		For >20 To 50, Add	*8.98*	
		For >50 To 100, Add	*3.65*	
		For >500 To 1,000, Deduct	*-3.65*	
		For >1,000, Deduct	*-6.46*	
32 16 13 43-0022	LF	6" High Granite Base	45.58	16.60
		For Up To 20, Add	*20.16*	
		For >20 To 50, Add	*11.19*	
		For >50 To 100, Add	*4.49*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-7.87*	

32 16 13 43-0023 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0024	LF	Removal And Resetting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	38.42	

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, sealer, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0079 for buggies, 03 31 13 00-0086 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	9.78	
		For Up To 100, Add	*4.19*	
		For >100 To 500, Add	*1.19*	
		For >2,000 To 5,000, Deduct	*-0.52*	
		For >5,000 To 10,000, Deduct	*-1.19*	
		For >10,000 To 20,000, Deduct	*-1.61*	
		For >20,000, Deduct	*-2.03*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.22*	
		For 4,500 PSI Concrete, Add	*0.26*	
		For Welded Wire Reinforcement, Add	*0.88*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	10.65	
		For Up To 100, Add	*4.47*	
		For >100 To 500, Add	*1.26*	
		For >2,000 To 5,000, Deduct	*-0.54*	
		For >5,000 To 10,000, Deduct	*-1.26*	
		For >10,000 To 20,000, Deduct	*-1.70*	
		For >20,000, Deduct	*-2.15*	
		For 3,500 PSI Concrete, Add	*0.16*	
		For 4,000 PSI Concrete, Add	*0.27*	
		For 4,500 PSI Concrete, Add	*0.32*	
		For Welded Wire Reinforcement, Add	*0.88*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	11.53	
		For Up To 100, Add	*4.76*	
		For >100 To 500, Add	*1.33*	
		For >2,000 To 5,000, Deduct	*-0.56*	
		For >5,000 To 10,000, Deduct	*-1.33*	
		For >10,000 To 20,000, Deduct	*-1.80*	
		For >20,000, Deduct	*-2.28*	
		For 3,500 PSI Concrete, Add	*0.19*	
		For 4,000 PSI Concrete, Add	*0.32*	
		For 4,500 PSI Concrete, Add	*0.38*	
		For Welded Wire Reinforcement, Add	*0.88*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	13.42	
		For Up To 100, Add	*5.48*	
		For >100 To 500, Add	*1.52*	
		For >2,000 To 5,000, Deduct	*-0.64*	
		For >5,000 To 10,000, Deduct	*-1.52*	
		For >10,000 To 20,000, Deduct	*-2.07*	
		For >20,000, Deduct	*-2.62*	
		For 3,500 PSI Concrete, Add	*0.23*	
		For 4,000 PSI Concrete, Add	*0.39*	
		For 4,500 PSI Concrete, Add	*0.46*	
		For Welded Wire Reinforcement, Add	*0.88*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	14.18	
		For Up To 100, Add	*5.71*	
		For >100 To 500, Add	*1.57*	
		For >2,000 To 5,000, Deduct	*-0.65*	
		For >5,000 To 10,000, Deduct	*-1.57*	
		For >10,000 To 20,000, Deduct	*-2.14*	
		For >20,000, Deduct	*-2.72*	
		For 3,500 PSI Concrete, Add	*0.25*	
		For 4,000 PSI Concrete, Add	*0.44*	
		For 4,500 PSI Concrete, Add	*0.51*	
		For Welded Wire Reinforcement, Add	*0.88*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.67	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	160.23	
32 16 23 00-0009	LF	For Hand Trowel Finish At Sidewalk Edges (Picture Frame)	2.67	

32 16 23 00-0010 Bituminous Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.

32 16 23 00-0011	SY	1" Bituminous Sidewalk	10.83	
		For Up To 100, Add	*4.12*	
		For >100 To 500, Add	*1.11*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-1.11*	
32 16 23 00-0012	SY	1-1/2" Bituminous Sidewalk	13.57	
		For Up To 100, Add	*5.09*	
		For >100 To 500, Add	*1.36*	
		For >1,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0013	SY	2" Bituminous Sidewalk	18.75	
		For Up To 100, Add	*6.79*	
		For >100 To 500, Add	*1.78*	
		For >1,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.78*	
32 16 23 00-0014	SY	2-1/2" Bituminous Sidewalk	23.44	
		For Up To 100, Add	*8.47*	
		For >100 To 500, Add	*2.21*	
		For >1,000 To 5,000, Deduct	*-1.04*	
		For >5,000, Deduct	*-2.21*	
32 16 23 00-0015	SY	3" Bituminous Sidewalk	26.92	
		For Up To 100, Add	*9.55*	
		For >100 To 500, Add	*2.48*	
		For >1,000 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-2.48*	
32 16 23 00-0016	SY	3-1/2" Bituminous Sidewalk	31.04	
		For Up To 100, Add	*10.86*	
		For >100 To 500, Add	*2.79*	
		For >1,000 To 5,000, Deduct	*-1.24*	
		For >5,000, Deduct	*-2.79*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.89	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	10.81	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	10.81	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	15.41	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	18.26	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.22	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.20	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	17.30	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.89	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.22	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	17.30	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.20	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	6.16	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	199.75	8.72
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	226.10	8.72

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	79.41	26.25
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	90.38	26.25
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	94.07	26.25
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	98.34	26.25
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	92.00	26.25
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	115.51	26.25
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	41.99	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	27.29	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	34.18	8.72
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	39.37	8.72
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	41.45	8.72
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	44.57	8.72

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	12.12	2.10
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	15.80	2.10

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Modular Rubber Speed Tables *(32 17 16)*

Note: 3" high flat-topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.

32 17 16 00-0002	SF	Up To 24' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	68.78
32 17 16 00-0003	SF	Up To 24' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	60.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 16 00-0004	SF	Up To 24' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	56.42	
32 17 16 00-0005	SF	>24' To 30' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	65.82	
32 17 16 00-0006	SF	>24' To 30' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	57.91	
32 17 16 00-0007	SF	>24' To 30' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	54.69	
32 17 16 00-0008	SF	>30' To 40' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	62.89	
32 17 16 00-0009	SF	>30' To 40' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	56.21	
32 17 16 00-0010	SF	>30' To 40' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	53.25	

32 17 16 00-0011 Asphalt Speed Table *(32 17 16)*

Note: Excludes pavement markings or reflectors.

32 17 16 00-0012	LF	Up to 36" Run, Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	43.81	
32 17 16 00-0013	LF	>36" To 48" Run, Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	51.64	
32 17 16 00-0014	LF	Up to 36" Run, Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	55.02	
32 17 16 00-0015	LF	>36" To 48" Run, Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	64.91	
32 17 16 00-0016	LF	Up to 36" Run, Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	67.50	
32 17 16 00-0017	LF	>36" To 48" Run, Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	75.32	

32 17 16 00-0018 Concrete Speed Table *(32 17 16)*

32 17 16 00-0019	SF	Concrete Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	15.18	

32 17 16 00-0020 Speed Bumps *(32 17 16)*

Note: Excludes pavement markings or reflectors.

32 17 16 00-0021	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	39.93	2.03
32 17 16 00-0022	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	31.48	1.35
32 17 16 00-0023	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	157.68	1.35

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers for Roads *(32 17 23 13)*

Note: Includes primers, adhesive and reflective glass beads. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Painted Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.56
		For 20 Mil Thickness, Add	*0.12*
		For Up To 5,000 LF, Add	*0.11*
		For >25,000 LF, Deduct	*-0.08*
		For Broken Line, Deduct	*-0.25*
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.77
		For 20 Mil Thickness, Add	*0.18*
		For Up To 5,000 LF, Add	*0.15*
		For >25,000 LF, Deduct	*-0.12*
		For Broken Line, Deduct	*-0.37*
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.94
		For 20 Mil Thickness, Add	*0.21*
		For Up To 5,000 LF, Add	*0.19*
		For >25,000 LF, Deduct	*-0.14*
		For Broken Line, Deduct	*-0.44*
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.42
		For 20 Mil Thickness, Add	*0.34*
		For Up To 5,000 LF, Add	*0.28*
		For >25,000 LF, Deduct	*-0.21*
		For Broken Line, Deduct	*-0.72*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.87	
		For 20 Mil Thickness, Add	*0.22*	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.24*	
		For Double Broken Line, Deduct	*-0.48*	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.25	
		For 20 Mil Thickness, Add	*0.34*	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
		For Broken Line On One Side, Deduct	*-0.36*	
		For Double Broken Line, Deduct	*-0.73*	
32 17 23 13-0009	SF	Solid Area, Epoxy Reflective Pavement Marking Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	7.16	
		For 20 Mil Thickness, Add	*0.88*	
32 17 23 13-0010	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	4.37	
		For 20 Mil Thickness, Add	*0.43*	
		For <10, Add	*0.55*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.73*	
32 17 23 13-0011	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	8.14	
		For 20 Mil Thickness, Add	*1.16*	
		For <10, Add	*0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 200, Deduct	*-0.55*	
		For >200, Deduct	*-1.10*	
32 17 23 13-0012	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	13.77	
		For 20 Mil Thickness, Add	*2.00*	
		For <10, Add	*1.37*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.91*	
		For >200, Deduct	*-1.83*	
32 17 23 13-0013	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	26.42	
		For 20 Mil Thickness, Add	*3.63*	
		For <10, Add	*2.74*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 200, Deduct	*-1.83*	
		For >200, Deduct	*-3.65*	
32 17 23 13-0014	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	31.09	
		For 20 Mil Thickness, Add	*4.56*	
		For <10, Add	*3.07*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 200, Deduct	*-2.05*	
		For >200, Deduct	*-4.10*	
32 17 23 13-0015	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	55.81	
		For 20 Mil Thickness, Add	*8.28*	
		For <10, Add	*5.46*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-7.29*	
32 17 23 13-0016	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	74.42	
		For 20 Mil Thickness, Add	*10.95*	
		For <10, Add	*7.34*	
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-9.78*	
32 17 23 13-0017	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	117.54	
		For 20 Mil Thickness, Add	*22.00*	
		For <10, Add	*9.09*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-12.13*	
32 17 23 13-0018	SF	Letter/Number, Epoxy Reflective Pavement Marking	7.33	
		For 20 Mil Thickness, Add	*0.89*	
32 17 23 13-0019	SF	Symbols, Epoxy Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	9.19	
		For 20 Mil Thickness, Add	*0.98*	
32 17 23 13-0020	EA	Bike Lane Symbol, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	94.19	
		For 20 Mil Thickness, Add	*21.35*	
32 17 23 13-0021	EA	Railroad Crossing Symbol, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	382.35	
		For 20 Mil Thickness, Add	*102.33*	
32 17 23 13-0022	EA	Preferential Lane Symbol (Diamond), Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	108.19	
		For 20 Mil Thickness, Add	*24.13*	
32 17 23 13-0023	EA	Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 10' height.	113.17	
		For 20 Mil Thickness, Add	*23.86*	
32 17 23 13-0024	EA	Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 8' height.	137.04	
		For 20 Mil Thickness, Add	*31.82*	
32 17 23 13-0025	EA	Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 11' width x 8' height.	213.84	
		For 20 Mil Thickness, Add	*56.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0026	EA	Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 7' width x 13' height.	219.35	
		For 20 Mil Thickness, Add	*58.30*	
32 17 23 13-0027	EA	Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 9' width x 15' height.	301.90	
		For 20 Mil Thickness, Add	*85.31*	
32 17 23 13-0028	EA	Elongated Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	94.18	
		For 20 Mil Thickness, Add	*15.07*	
32 17 23 13-0029	EA	Elongated Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	123.70	
		For 20 Mil Thickness, Add	*24.91*	
32 17 23 13-0030	EA	Elongated Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	155.97	
		For 20 Mil Thickness, Add	*34.41*	
32 17 23 13-0031	EA	Elongated Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	159.68	
		For 20 Mil Thickness, Add	*35.64*	
32 17 23 13-0032	EA	Elongated Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	266.64	
		For 20 Mil Thickness, Add	*70.54*	
32 17 23 13-0033	EA	Lane-Reduction Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	236.92	
		For 20 Mil Thickness, Add	*62.64*	
32 17 23 13-0034	EA	Wrong-Way Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	220.34	
		For 20 Mil Thickness, Add	*58.12*	

32 17 23 13-0035 Painted Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0036	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.07*	
32 17 23 13-0037	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.41	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.10*	
32 17 23 13-0038	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line, Deduct	*-0.12*	
32 17 23 13-0039	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line, Deduct	*-0.18*	
32 17 23 13-0040	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.47	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.06*	
		For Double Broken Line, Deduct	*-0.12*	
32 17 23 13-0041	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0042	SF	Solid Area, Painted Reflective Pavement Striping Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	5.56	
32 17 23 13-0043	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	4.08	
		For <10, Add	*0.55*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.73*	
32 17 23 13-0044	EA	12" High, Letter/Number, Painted Reflective Pavement Marking	7.10	
		For <10, Add	*0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 200, Deduct	*-0.55*	
		For >200, Deduct	*-1.10*	
32 17 23 13-0045	EA	24" High, Letter/Number, Painted Reflective Pavement Marking	11.94	
		For <10, Add	*1.37*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.91*	
		For >200, Deduct	*-1.83*	
32 17 23 13-0046	EA	36" High, Letter/Number, Painted Reflective Pavement Marking	23.21	
		For <10, Add	*2.74*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 200, Deduct	*-1.83*	
		For >200, Deduct	*-3.65*	
32 17 23 13-0047	EA	48" High, Letter/Number, Painted Reflective Pavement Marking	26.91	
		For <10, Add	*3.07*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 200, Deduct	*-2.05*	
		For >200, Deduct	*-4.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0048	EA	72" High, Letter/Number, Painted Reflective Pavement Marking	48.18	
		For <10, Add	*5.46*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-7.29*	
32 17 23 13-0049	EA	96" High, Letter/Number, Painted Reflective Pavement Marking	64.38	
		For <10, Add	*7.34*	
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-9.78*	
32 17 23 13-0050	EA	120" High, Letter/Number, Painted Reflective Pavement Marking	95.13	
		For <10, Add	*9.09*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-12.13*	
32 17 23 13-0051	SF	Letter/Number, Painted Reflective Pavement Marking Note: Includes solvent based and latex paints.	6.60	
32 17 23 13-0052	SF	Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.	7.85	
32 17 23 13-0053	EA	Bike Lane Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	71.07	
32 17 23 13-0054	EA	Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	266.71	
32 17 23 13-0055	EA	Preferential Lane Symbol (Diamond), Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	82.17	
32 17 23 13-0056	EA	Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 10' height.	87.87	
32 17 23 13-0057	EA	Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 8' height.	102.34	
32 17 23 13-0058	EA	Dual Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 11' width x 8' height.	150.23	
32 17 23 13-0059	EA	Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 7' width x 13' height.	153.57	
32 17 23 13-0060	EA	Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 9' width x 15' height.	204.32	
32 17 23 13-0061	EA	Elongated Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	79.78	
32 17 23 13-0062	EA	Elongated Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	97.68	
32 17 23 13-0063	EA	Elongated Dual Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	135.51	
32 17 23 13-0064	EA	Elongated Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	139.96	
32 17 23 13-0065	EA	Elongated Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	187.13	
32 17 23 13-0066	EA	Lane-Reduction Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	167.79	
32 17 23 13-0067	EA	Wrong-Way Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	214.34	

32 17 23 13-0068 Painted and/or Raised Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)*

Note: 20 to 25 mil thickness, per LF of detail for painted.

32 17 23 13-0069	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0070	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0071	LF	CALTRANS Detail 4 Centerline	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0072	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0073	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.45	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0074	LF	CALTRANS Detail 7 Centerline	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0075	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0076	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0077	LF	CALTRANS Detail 10 Lanelines	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0078	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0079	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0080	LF	CALTRANS Detail 13 Lanelines	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0081	LF	CALTRANS Detail 14 Lanelines	0.82	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0082	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0083	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.35	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.09*	
32 17 23 13-0084	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	1.10	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0085	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	3.28	
		For Up To 5,000 LF, Add	*0.66*	
		For >25,000 LF, Deduct	*-0.49*	
32 17 23 13-0086	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.35	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.09*	
32 17 23 13-0087	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0088	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	2.77	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.42*	
32 17 23 13-0089	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.42	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.07*	
		For Double Broken Line, Deduct	*-0.14*	
32 17 23 13-0090	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	1.17	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0091	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	3.90	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.59*	
32 17 23 13-0092	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0093	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.51	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0094	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0095	LF	CALTRANS Detail 26 Left Edgelines	0.19	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0096	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.60	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0097	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0098	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0099	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.84	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.14*	
		For Double Broken Line, Deduct	*-0.29*	
32 17 23 13-0100	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.59	
		For Up To 5,000 LF, Add	*0.32*	
		For >25,000 LF, Deduct	*-0.24*	
32 17 23 13-0101	LF	CALTRANS Detail 30 Median Islands	7.82	
		For Up To 5,000 LF, Add	*1.56*	
		For >25,000 LF, Deduct	*-1.17*	
32 17 23 13-0102	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0103	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.64	
		For Up To 5,000 LF, Add	*0.33*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0104	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	5.36	
		For Up To 5,000 LF, Add	*1.07*	
		For >25,000 LF, Deduct	*-0.80*	
32 17 23 13-0105	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0106	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.35	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0107	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	1.11	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0108	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.35	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0109	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.78	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
32 17 23 13-0110	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	1.13	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0111	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.21	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0112	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0113	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	2.62	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0114	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0115	LF	CALTRANS Detail 37C Lane Drop At Intersections	2.62	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0116	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	1.04	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
32 17 23 13-0117	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0118	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	1.41	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
32 17 23 13-0119	LF	CALTRANS Detail 38C Channelizing Line	3.90	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.59*	
32 17 23 13-0120	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0121	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0122	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0123	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.89	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0124	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0125	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	1.89	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0126	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	104.82	
		For <10, Add	*13.29*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 200, Deduct	*-8.86*	
		For >200, Deduct	*-17.73*	
32 17 23 13-0127	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	184.01	
		For <10, Add	*23.27*	
		For >50 To 100, Deduct	*-11.63*	
		For >100 To 200, Deduct	*-15.51*	
		For >200, Deduct	*-31.02*	
32 17 23 13-0128	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	230.83	
		For <10, Add	*29.25*	
		For >50 To 100, Deduct	*-14.62*	
		For >100 To 200, Deduct	*-19.50*	
		For >200, Deduct	*-39.00*	
32 17 23 13-0129	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	335.67	
		For <10, Add	*42.55*	
		For >50 To 100, Deduct	*-21.27*	
		For >100 To 200, Deduct	*-28.36*	
		For >200, Deduct	*-56.73*	
32 17 23 13-0130	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	440.48	
		For <10, Add	*55.84*	
		For >50 To 100, Deduct	*-27.92*	
		For >100 To 200, Deduct	*-37.23*	
		For >200, Deduct	*-74.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0131	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	310.03	
		For <10, Add	*39.22*	
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 200, Deduct	*-26.15*	
		For >200, Deduct	*-52.29*	
32 17 23 13-0132	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	540.87	
		For <10, Add	*68.47*	
		For >50 To 100, Deduct	*-34.24*	
		For >100 To 200, Deduct	*-45.65*	
		For >200, Deduct	*-91.29*	
32 17 23 13-0133	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	110.40	
		For <10, Add	*13.96*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 200, Deduct	*-9.31*	
		For >200, Deduct	*-18.61*	
32 17 23 13-0134	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	242.01	
		For <10, Add	*30.58*	
		For >50 To 100, Deduct	*-15.29*	
		For >100 To 200, Deduct	*-20.39*	
		For >200, Deduct	*-40.77*	
32 17 23 13-0135	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	310.03	
		For <10, Add	*39.22*	
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 200, Deduct	*-26.15*	
		For >200, Deduct	*-52.29*	
32 17 23 13-0136	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	199.83	
		For <10, Add	*25.26*	
		For >50 To 100, Deduct	*-12.63*	
		For >100 To 200, Deduct	*-16.84*	
		For >200, Deduct	*-33.68*	
32 17 23 13-0137	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	263.21	
		For <10, Add	*33.24*	
		For >50 To 100, Deduct	*-16.62*	
		For >100 To 200, Deduct	*-22.16*	
		For >200, Deduct	*-44.32*	
32 17 23 13-0138	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	52.41	
		For <10, Add	*6.65*	
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 200, Deduct	*-4.43*	
		For >200, Deduct	*-8.86*	
32 17 23 13-0139	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	501.95	
		For <10, Add	*63.15*	
		For >50 To 100, Deduct	*-31.58*	
		For >100 To 200, Deduct	*-42.10*	
		For >200, Deduct	*-84.20*	
32 17 23 13-0140	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	6.56	
32 17 23 13-0141	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	51.31	
		For <10, Add	*4.79*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-6.38*	
32 17 23 13-0142	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	54.38	
		For <10, Add	*5.05*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.37*	
		For >200, Deduct	*-6.74*	
32 17 23 13-0143	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	83.63	
		For <10, Add	*10.64*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 200, Deduct	*-7.09*	
		For >200, Deduct	*-14.18*	
32 17 23 13-0144	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	170.18	
		For <10, Add	*21.54*	
		For >50 To 100, Deduct	*-10.77*	
		For >100 To 200, Deduct	*-14.36*	
		For >200, Deduct	*-28.72*	
32 17 23 13-0145	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	35.91	
		For <10, Add	*5.05*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.37*	
		For >200, Deduct	*-6.74*	
32 17 23 13-0146	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.65	
32 17 23 13-0147	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.36	

32 17 23 13-0148 Painted Thermoplastic Reflective Pavement Marking *(32 17 23 13-0001)*
Note: 40 mil thickness.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0149	LF	Single 4" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	0.73	
		For Up To 5,000 LF, Add	*0.15*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line, Deduct	*-0.38*	
		For 30 mils Thick, Deduct	*-0.13*	
		For 45 mils Thick, Add	*0.06*	
		For Enhanced Wet-Night Visibility, Add	*0.04*	
32 17 23 13-0150	LF	Single 6" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	1.00	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.20*	
		For >25,000 LF, Deduct	*-0.15*	
		For Broken Line, Deduct	*-0.54*	
		For 30 mils Thick, Deduct	*-0.18*	
		For 45 mils Thick, Add	*0.09*	
		For Enhanced Wet-Night Visibility, Add	*0.06*	
32 17 23 13-0151	LF	Single 8" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	1.34	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
		For Broken Line, Deduct	*-0.74*	
		For 30 mils Thick, Deduct	*-0.25*	
		For 45 mils Thick, Add	*0.12*	
		For Enhanced Wet-Night Visibility, Add	*0.08*	
32 17 23 13-0152	LF	Single 12" Wide Solid Line, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	1.94	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.29*	
		For Broken Line, Deduct	*-1.11*	
		For 30 mils Thick, Deduct	*-0.37*	
		For 45 mils Thick, Add	*0.19*	
		For Enhanced Wet-Night Visibility, Add	*0.12*	
32 17 23 13-0153	LF	Double 4" Wide Solid Lines, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	1.30	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.20*	
		For Broken Line On One Side, Deduct	*-0.37*	
		For Double Broken Line, Deduct	*-0.74*	
		For 30 mils Thick, Deduct	*-0.25*	
		For 45 mils Thick, Add	*0.12*	
		For Enhanced Wet-Night Visibility, Add	*0.08*	
32 17 23 13-0154	LF	Double 6" Wide Solid Lines, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Striping	1.94	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.29*	
		For Broken Line On One Side, Deduct	*-0.56*	
		For Double Broken Line, Deduct	*-1.11*	
		For 30 mils Thick, Deduct	*-0.37*	
		For 45 mils Thick, Add	*0.19*	
		For Enhanced Wet-Night Visibility, Add	*0.12*	
32 17 23 13-0155	SF	Solid Area, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	6.80	
		Note: Includes yellow or white.		
		For 30 mils Thick, Deduct	*-0.37*	
		For 45 mils Thick, Add	*0.19*	
		For Enhanced Wet-Night Visibility, Add	*0.12*	
32 17 23 13-0156	EA	6" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	4.58	
		For Up To 10, Add	*0.55*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.73*	
		For 30 mils Thick, Deduct	*-0.24*	
		For 45 mils Thick, Add	*0.12*	
		For Enhanced Wet-Night Visibility, Add	*0.08*	
32 17 23 13-0157	EA	12" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	8.88	
		For Up To 10, Add	*0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 200, Deduct	*-0.55*	
		For >200, Deduct	*-1.10*	
		For 30 mils Thick, Deduct	*-0.85*	
		For 45 mils Thick, Add	*0.42*	
		For Enhanced Wet-Night Visibility, Add	*0.28*	
32 17 23 13-0158	EA	24" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	15.07	
		For Up To 10, Add	*1.37*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.91*	
		For >200, Deduct	*-1.83*	
		For 30 mils Thick, Deduct	*-1.49*	
		For 45 mils Thick, Add	*0.74*	
		For Enhanced Wet-Night Visibility, Add	*0.49*	
32 17 23 13-0159	EA	36" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	28.70	
		For Up To 10, Add	*2.74*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 200, Deduct	*-1.83*	
		For >200, Deduct	*-3.65*	
		For 30 mils Thick, Deduct	*-2.61*	
		For 45 mils Thick, Add	*1.31*	
		For Enhanced Wet-Night Visibility, Add	*0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0160	EA	48" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	34.06	
		For Up To 10, Add	*3.07*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 200, Deduct	*-2.05*	
		For >200, Deduct	*-4.10*	
		For 30 mils Thick, Deduct	*-3.40*	
		For 45 mils Thick, Add	*1.70*	
		For Enhanced Wet-Night Visibility, Add	*1.12*	
32 17 23 13-0161	EA	72" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	61.24	
		For Up To 10, Add	*5.46*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 200, Deduct	*-3.64*	
		For >200, Deduct	*-7.29*	
		For 30 mils Thick, Deduct	*-6.20*	
		For 45 mils Thick, Add	*3.10*	
		For Enhanced Wet-Night Visibility, Add	*2.05*	
32 17 23 13-0162	EA	96" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	81.56	
		For Up To 10, Add	*7.34*	
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-9.78*	
		For 30 mils Thick, Deduct	*-8.16*	
		For 45 mils Thick, Add	*4.08*	
		For Enhanced Wet-Night Visibility, Add	*2.69*	
32 17 23 13-0163	EA	120" High, Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	133.48	
		For Up To 10, Add	*9.09*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 200, Deduct	*-6.06*	
		For >200, Deduct	*-12.13*	
		For 30 mils Thick, Deduct	*-18.21*	
		For 45 mils Thick, Add	*9.11*	
		For Enhanced Wet-Night Visibility, Add	*6.01*	
32 17 23 13-0164	SF	Letter/Number, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking	7.84	
		For 30 mils Thick, Deduct	*-0.59*	
		For 45 mils Thick, Add	*0.29*	
		For Enhanced Wet-Night Visibility, Add	*0.19*	
32 17 23 13-0165	SF	Symbols, 40 Mil Thick, Painted Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	9.70	
		For 30 mils Thick, Deduct	*-0.59*	
		For 45 mils Thick, Add	*0.29*	
		For Enhanced Wet-Night Visibility, Add	*0.19*	

32 17 23 13-0166 Painted Thermoplastic Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)*

Note: 40 mil thickness.

32 17 23 13-0167	LF	CALTRANS Detail 1 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0168	LF	CALTRANS Detail 2 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0169	LF	CALTRANS Detail 5 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0170	LF	CALTRANS Detail 6 Centerline, Painted Thermoplastic Reflective Pavement Striping	0.50	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0171	LF	CALTRANS Detail 8 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0172	LF	CALTRANS Detail 9 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0173	LF	CALTRANS Detail 11 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0174	LF	CALTRANS Detail 12 Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.50	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0175	LF	CALTRANS Detail 14A Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.50	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0176	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.69	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.17*	
		For Double Broken Line, Deduct	*-0.35*	
32 17 23 13-0177	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.44	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0178	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.67	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.17*	
		For Double Broken Line, Deduct	*-0.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0179	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.24	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0180	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	0.94	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.27*	
		For Double Broken Line, Deduct	*-0.53*	
32 17 23 13-0181	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Thermoplastic Reflective Pavement Striping	1.69	
		For Up To 5,000 LF, Add	*0.34*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0182	LF	CALTRANS Detail 24 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.58	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0183	LF	CALTRANS Detail 25 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.77	
		For Up To 5,000 LF, Add	*0.15*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0184	LF	CALTRANS Detail 25A Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.96	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0185	LF	CALTRANS Detail 27 Left Edgelines, Painted Thermoplastic Reflective Pavement Striping	1.12	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0186	LF	CALTRANS Detail 27B Right Edgelines, Painted Thermoplastic Reflective Pavement Striping	0.58	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0187	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0188	LF	CALTRANS Detail 28 Median Islands, Painted Thermoplastic Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0189	LF	CALTRANS Detail 29 Median Islands, Painted Thermoplastic Reflective Pavement Striping	2.62	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0190	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Thermoplastic Reflective Pavement Striping	1.34	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
		For Broken Line On One Side, Deduct	*-0.33*	
		For Double Broken Line, Deduct	*-0.66*	
32 17 23 13-0191	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Thermoplastic Reflective Pavement Striping	2.29	
		For Up To 5,000 LF, Add	*0.46*	
		For >25,000 LF, Deduct	*-0.34*	
32 17 23 13-0192	LF	CALTRANS Detail 34 Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	1.24	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0193	LF	CALTRANS Detail 35 Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	1.46	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0194	LF	CALTRANS Detail 35A Intersection Treatments, Painted Thermoplastic Reflective Pavement Striping	0.69	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0195	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Thermoplastic Reflective Pavement Striping	2.82	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
32 17 23 13-0196	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Thermoplastic Reflective Pavement Striping	1.64	
		For Up To 5,000 LF, Add	*0.33*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0197	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Thermoplastic Reflective Pavement Striping	1.98	
		For Up To 5,000 LF, Add	*0.40*	
		For >25,000 LF, Deduct	*-0.30*	
32 17 23 13-0198	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Thermoplastic Reflective Pavement Striping	1.24	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0199	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Thermoplastic Reflective Pavement Striping	1.24	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.19*	
32 17 23 13-0200	LF	CALTRANS Detail 38 Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	1.55	
		For Up To 5,000 LF, Add	*0.31*	
		For >25,000 LF, Deduct	*-0.23*	
32 17 23 13-0201	LF	CALTRANS Detail 38A Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	1.17	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0202	LF	CALTRANS Detail 38B Channelizing Line, Painted Thermoplastic Reflective Pavement Striping	1.93	
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.29*	
32 17 23 13-0203	LF	CALTRANS Detail 39 Bike Lane Line, Painted Thermoplastic Reflective Pavement Striping	0.79	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0204	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Thermoplastic Reflective Pavement Striping	0.45	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0205	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.28	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0206	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Thermoplastic Reflective Pavement Striping	0.28	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0207	EA	CALTRANS 10' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	115.66	
		For <10, Add	*13.29*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 200, Deduct	*-8.86*	
		For >200, Deduct	*-17.73*	
32 17 23 13-0208	EA	CALTRANS 18' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	203.37	
		For <10, Add	*23.27*	
		For >50 To 100, Deduct	*-11.63*	
		For >100 To 200, Deduct	*-15.51*	
		For >200, Deduct	*-31.02*	
32 17 23 13-0209	EA	CALTRANS 24' Arrow, Type I, Painted Thermoplastic Reflective Pavement Marking	254.84	
		For <10, Add	*29.25*	
		For >50 To 100, Deduct	*-14.62*	
		For >100 To 200, Deduct	*-19.50*	
		For >200, Deduct	*-39.00*	
32 17 23 13-0210	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Thermoplastic Reflective Pavement Marking	370.51	
		For <10, Add	*42.55*	
		For >50 To 100, Deduct	*-21.27*	
		For >100 To 200, Deduct	*-28.36*	
		For >200, Deduct	*-56.73*	
32 17 23 13-0211	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Thermoplastic Reflective Pavement Marking	452.88	
		For <10, Add	*55.84*	
		For >50 To 100, Deduct	*-27.92*	
		For >100 To 200, Deduct	*-37.23*	
		For >200, Deduct	*-74.45*	
32 17 23 13-0212	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Thermoplastic Reflective Pavement Marking	342.55	
		For <10, Add	*39.22*	
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 200, Deduct	*-26.15*	
		For >200, Deduct	*-52.29*	
32 17 23 13-0213	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Thermoplastic Reflective Pavement Marking	597.40	
		For <10, Add	*68.47*	
		For >50 To 100, Deduct	*-34.24*	
		For >100 To 200, Deduct	*-45.65*	
		For >200, Deduct	*-91.29*	
32 17 23 13-0214	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Thermoplastic Reflective Pavement Marking	122.02	
		For <10, Add	*13.96*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 200, Deduct	*-9.31*	
		For >200, Deduct	*-18.61*	
32 17 23 13-0215	EA	CALTRANS 24' Arrow, Type V, Painted Thermoplastic Reflective Pavement Marking	267.57	
		For <10, Add	*30.58*	
		For >50 To 100, Deduct	*-15.29*	
		For >100 To 200, Deduct	*-20.39*	
		For >200, Deduct	*-40.77*	
32 17 23 13-0216	EA	CALTRANS 18' Arrow, Type VI, Painted Thermoplastic Reflective Pavement Marking	342.55	
		For <10, Add	*39.22*	
		For >50 To 100, Deduct	*-19.61*	
		For >100 To 200, Deduct	*-26.15*	
		For >200, Deduct	*-52.29*	
32 17 23 13-0217	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Thermoplastic Reflective Pavement Marking	221.51	
		For <10, Add	*25.26*	
		For >50 To 100, Deduct	*-12.63*	
		For >100 To 200, Deduct	*-16.84*	
		For >200, Deduct	*-33.68*	
32 17 23 13-0218	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Thermoplastic Reflective Pavement Marking	291.09	
		For <10, Add	*33.24*	
		For >50 To 100, Deduct	*-16.62*	
		For >100 To 200, Deduct	*-22.16*	
		For >200, Deduct	*-44.32*	
32 17 23 13-0219	EA	CALTRANS 5' Arrow, Bike Lane, Painted Thermoplastic Reflective Pavement Marking	57.83	
		For <10, Add	*6.65*	
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 200, Deduct	*-4.43*	
		For >200, Deduct	*-8.86*	
32 17 23 13-0220	EA	CALTRANS Railroad Crossing Symbol, Painted Thermoplastic Reflective Pavement Marking Note: Excludes variable width transverse lines.	556.16	
		For <10, Add	*63.15*	
		For >50 To 100, Deduct	*-31.58*	
		For >100 To 200, Deduct	*-42.10*	
		For >200, Deduct	*-84.20*	
32 17 23 13-0221	SF	CALTRANS Solid Area, Painted Thermoplastic Reflective Pavement Marking	7.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0222	EA	CALTRANS Bike Lane Symbol Without Person, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	56.73	
		For <10, Add	*4.79*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-6.38*	
32 17 23 13-0223	EA	CALTRANS Bike Lane Symbol With Person, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	59.80	
		For <10, Add	*5.05*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.37*	
		For >200, Deduct	*-6.74*	
32 17 23 13-0224	EA	CALTRANS Diamond Symbol, Painted Thermoplastic Reflective Pavement Marking	92.15	
		For <10, Add	*10.64*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 200, Deduct	*-7.09*	
		For >200, Deduct	*-14.18*	
32 17 23 13-0225	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Thermoplastic Reflective Pavement Marking	187.99	
		For <10, Add	*21.54*	
		For >50 To 100, Deduct	*-10.77*	
		For >100 To 200, Deduct	*-14.36*	
		For >200, Deduct	*-28.72*	
32 17 23 13-0226	EA	CALTRANS Bike Loop Detector Symbol, Painted Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	37.45	
		For <10, Add	*5.05*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.37*	
		For >200, Deduct	*-6.74*	
32 17 23 13-0227	SF	CALTRANS Letter/Number, Painted Thermoplastic Reflective Pavement Marking	7.42	
32 17 23 13-0228	SF	CALTRANS Symbols, Painted Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	8.13	

32 17 23 13-0229 Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

Note: Includes primers. Per Coat.

32 17 23 13-0230 Painted Pavement Marking For Parking Areas *(32 17 23 13-0229)*

Note: 15 mil thickness.

32 17 23 13-0231	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.17	
32 17 23 13-0232	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.28	
32 17 23 13-0233	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.36	
32 17 23 13-0234	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.53	
32 17 23 13-0235	SF	Solid Area, Painted Pavement Marking For Parking Areas Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	5.52	
32 17 23 13-0236	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.97	
		For Up To 10, Add	*0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.35*	
		For >200, Deduct	*-0.71*	
32 17 23 13-0237	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	6.87	
		For Up To 10, Add	*0.80*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 200, Deduct	*-0.53*	
		For >200, Deduct	*-1.06*	
32 17 23 13-0238	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	11.59	
		For Up To 10, Add	*1.33*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 200, Deduct	*-0.89*	
		For >200, Deduct	*-1.77*	
32 17 23 13-0239	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	21.62	
		For Up To 10, Add	*2.53*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.68*	
		For >200, Deduct	*-3.37*	
32 17 23 13-0240	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	28.53	
		For Up To 10, Add	*3.46*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.30*	
		For >200, Deduct	*-4.61*	
32 17 23 13-0241	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	34.57	
		For Up To 10, Add	*4.25*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.84*	
		For >200, Deduct	*-5.67*	
32 17 23 13-0242	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	46.79	
		For Up To 10, Add	*5.32*	
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 200, Deduct	*-3.55*	
		For >200, Deduct	*-7.09*	
32 17 23 13-0243	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	86.52	
32 17 23 13-0244	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	100.49	
32 17 23 13-0245	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	146.84	
32 17 23 13-0246	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	150.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0247	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	199.11	
32 17 23 13-0248	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	34.12	
		For Blue Background With White Symbol, Add	*27.20*	
		For Blue Background With White Symbol And Border, Add	*34.00*	
32 17 23 13-0249	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	51.90	
		For Blue Background With White Symbol, Add	*57.75*	
		For Blue Background With White Symbol And Border, Add	*72.19*	
32 17 23 13-0250		Painted Curbs *(32 17 23 13)* Note: All colors.		
32 17 23 13-0251	LF	Reflective Painted Curb	3.19	
32 17 23 13-0252	LF	Reflective Painted Curb And Gutter	6.11	
32 17 23 13-0253	LF	Painted Curb	2.60	
32 17 23 13-0254	LF	Painted Curb And Gutter	5.59	
32 17 23 13-0255		Markings For Outdoor Play Areas, Courts *(32 17 23 13)*		
32 17 23 13-0256	LF	2" Wide Marking For Outdoor Play Areas	1.21	
32 17 23 13-0257	LF	3" Wide Marking For Outdoor Play Areas	1.36	
32 17 23 13-0258	LF	4" Wide Marking For Outdoor Play Areas	1.54	
32 17 23 13-0259	LF	6" Wide Marking For Outdoor Play Areas	1.80	
32 17 23 13-0260	EA	Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, etc.)	309.07	
32 17 23 23		**Raised Pavement Markings** *(32 17 23)*		
32 17 23 23-0001		Raised Pavement Markers (RPMs) *(32 17 23 23)* Note: White, Red, Yellow/Amber, Green or Blue		
32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	8.55	3.19
		For >100, Deduct	*-0.86*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	9.07	3.19
		For >100, Deduct	*-0.91*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	11.20	3.19
		For >100, Deduct	*-1.12*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	7.87	3.19
		For >100, Deduct	*-0.79*	
32 17 23 23-0006		Snowplowable Pavement Markers *(32 17 23 23)*		
32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	86.48	37.35
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	86.93	37.35
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	25.31	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	31.98	
32 17 23 33		**Plastic Pavement Markings** *(32 17 23)*		
32 17 23 33-0001		Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)* Note: Includes primers, adhesive and reflective glass beads. For broken line modifier quantity use total lane length.		
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
		For Broken Line, Deduct	*-0.87*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.11	
		For Up To 5,000 LF, Add	*0.42*	
		For >25,000 LF, Deduct	*-0.32*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
		For Broken Line, Deduct	*-1.30*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.79	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line, Deduct	*-1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.08	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.61*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line, Deduct	*-2.60*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.77	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line On One Side, Deduct	*-0.87*	
		For Double Broken Line, Deduct	*-1.73*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.08	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.61*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line On One Side, Deduct	*-1.30*	
		For Double Broken Line, Deduct	*-2.60*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	8.77	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	5.71	
		For Up To 10, Add	*0.60*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 200, Deduct	*-0.40*	
		For >200, Deduct	*-0.80*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.27	
		For Up To 10, Add	*0.90*	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 200, Deduct	*-0.60*	
		For >200, Deduct	*-1.21*	
		For 60 mils Thick, Deduct	*-1.09*	
		For 125 mils Thick, Add	*1.40*	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	20.94	
		For Up To 10, Add	*1.50*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 200, Deduct	*-1.00*	
		For >200, Deduct	*-2.00*	
		For 60 mils Thick, Deduct	*-1.91*	
		For 125 mils Thick, Add	*2.46*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	39.31	
		For Up To 10, Add	*3.02*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 200, Deduct	*-2.01*	
		For >200, Deduct	*-4.02*	
		For 60 mils Thick, Deduct	*-3.36*	
		For 125 mils Thick, Add	*4.32*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	47.46	
		For Up To 10, Add	*3.38*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-4.50*	
		For 60 mils Thick, Deduct	*-4.37*	
		For 125 mils Thick, Add	*5.61*	
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	85.65	
		For Up To 10, Add	*6.01*	
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 200, Deduct	*-4.01*	
		For >200, Deduct	*-8.01*	
		For 60 mils Thick, Deduct	*-7.98*	
		For 125 mils Thick, Add	*10.26*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	113.78	
		For Up To 10, Add	*8.07*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 200, Deduct	*-5.38*	
		For >200, Deduct	*-10.76*	
		For 60 mils Thick, Deduct	*-10.50*	
		For 125 mils Thick, Add	*13.50*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	200.52	
		For Up To 10, Add	*10.00*	
		For >50 To 100, Deduct	*-5.00*	
		For >100 To 200, Deduct	*-6.67*	
		For >200, Deduct	*-13.33*	
		For 60 mils Thick, Deduct	*-23.43*	
		For 125 mils Thick, Add	*30.12*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.35	
		For 60 mils Thick, Deduct	*-0.76*	
		For 125 mils Thick, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	29.92	
		Note: Per SY of area.		
		For 60 mils Thick, Deduct	*-1.36*	
		For 125 mils Thick, Add	*1.75*	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	268.53	
		For 60 mils Thick, Deduct	*-17.38*	
		For 125 mils Thick, Add	*22.35*	
32 17 23 33-0021	EA	Railroad Crossing Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	772.67	
		Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
		For 60 mils Thick, Deduct	*-119.71*	
		For 125 mils Thick, Add	*153.91*	
32 17 23 33-0022	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	798.64	
		For 60 mils Thick, Deduct	*-52.90*	
		For 125 mils Thick, Add	*68.02*	
32 17 23 33-0023	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	172.26	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For 60 mils Thick, Deduct	*-23.94*	
		For 125 mils Thick, Add	*30.78*	
32 17 23 33-0024	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	128.42	
		For 60 mils Thick, Deduct	*-8.31*	
		For 125 mils Thick, Add	*10.69*	
32 17 23 33-0025	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	11.67	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 60 mils Thick, Deduct	*-0.76*	
		For 125 mils Thick, Add	*0.97*	
32 17 23 33-0026	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	163.45	
		For 60 mils Thick, Deduct	*-10.58*	
		For 125 mils Thick, Add	*13.60*	
32 17 23 33-0027	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	291.87	
		For 60 mils Thick, Deduct	*-18.89*	
		For 125 mils Thick, Add	*24.29*	
32 17 23 33-0028	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	361.93	
		For 60 mils Thick, Deduct	*-23.43*	
		For 125 mils Thick, Add	*30.12*	
32 17 23 33-0029	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	525.38	
		For 60 mils Thick, Deduct	*-34.01*	
		For 125 mils Thick, Add	*43.72*	
32 17 23 33-0030	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	688.84	
		For 60 mils Thick, Deduct	*-44.59*	
		For 125 mils Thick, Add	*57.33*	
32 17 23 33-0031	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	490.36	
		For 60 mils Thick, Deduct	*-31.74*	
		For 125 mils Thick, Add	*40.81*	
32 17 23 33-0032	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	852.29	
		For 60 mils Thick, Deduct	*-55.17*	
		For 125 mils Thick, Add	*70.93*	
32 17 23 33-0033	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	175.13	
		For 60 mils Thick, Deduct	*-11.34*	
		For 125 mils Thick, Add	*14.58*	
32 17 23 33-0034	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	385.28	
		For 60 mils Thick, Deduct	*-24.94*	
		For 125 mils Thick, Add	*32.06*	
32 17 23 33-0035	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	490.36	
		For 60 mils Thick, Deduct	*-31.74*	
		For 125 mils Thick, Add	*40.81*	
32 17 23 33-0036	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	315.23	
		For 60 mils Thick, Deduct	*-20.41*	
		For 125 mils Thick, Add	*26.24*	
32 17 23 33-0037	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	420.30	
		For 60 mils Thick, Deduct	*-27.21*	
		For 125 mils Thick, Add	*34.98*	
32 17 23 33-0038	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	81.73	
		For 60 mils Thick, Deduct	*-5.29*	
		For 125 mils Thick, Add	*6.80*	
32 17 23 33-0039	EA	Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	198.55	
		Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
		For 60 mils Thick, Deduct	*-26.19*	
		For 125 mils Thick, Add	*33.67*	
32 17 23 33-0040	EA	Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	254.13	
		Note: Approximate overall dimensions: 6' width x 8' height.		
		For 60 mils Thick, Deduct	*-35.91*	
		For 125 mils Thick, Add	*46.17*	
32 17 23 33-0041	EA	Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	428.51	
		Note: Approximate overall dimensions: 11' width x 8' height.		
		For 60 mils Thick, Deduct	*-65.84*	
		For 125 mils Thick, Add	*84.65*	
32 17 23 33-0042	EA	Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	441.34	
		Note: Approximate overall dimensions: 7' width x 13' height.		
		For 60 mils Thick, Deduct	*-68.08*	
		For 125 mils Thick, Add	*87.54*	
32 17 23 33-0043	EA	Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	631.23	
		Note: Approximate overall dimensions: 9' width x 15' height.		
		For 60 mils Thick, Deduct	*-101.00*	
		For 125 mils Thick, Add	*129.86*	
32 17 23 33-0044	EA	Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	142.77	
		Note: Approximate overall dimensions: 1-2/3' width x 12' height.		
		For 60 mils Thick, Deduct	*-14.90*	
		For 125 mils Thick, Add	*19.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0045	EA	Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	211.52	
		For 60 mils Thick, Deduct	*-26.93*	
		For 125 mils Thick, Add	*34.63*	
32 17 23 33-0046	EA	Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	344.22	
		For 60 mils Thick, Deduct	*-49.38*	
		For 125 mils Thick, Add	*63.49*	
32 17 23 33-0047	EA	Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	361.32	
		For 60 mils Thick, Deduct	*-52.37*	
		For 125 mils Thick, Add	*67.34*	
32 17 23 33-0048	EA	Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 20' height.	534.98	
		For 60 mils Thick, Deduct	*-82.30*	
		For 125 mils Thick, Add	*105.81*	
32 17 23 33-0049	EA	Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	480.86	
		For 60 mils Thick, Deduct	*-74.07*	
		For 125 mils Thick, Add	*95.23*	
32 17 23 33-0050	EA	Wrong-Way Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	669.71	
		For 60 mils Thick, Deduct	*-107.74*	
		For 125 mils Thick, Add	*138.52*	
32 17 23 33-0051	EA	Preferential Lane Symbol (Diamond), 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	196.01	
		For 60 mils Thick, Deduct	*-26.93*	
		For 125 mils Thick, Add	*34.63*	

32 17 23 33-0052 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0053	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.03	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
32 17 23 33-0054	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.86	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
32 17 23 33-0055	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.80	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
32 17 23 33-0056	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	6.92	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0057	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	12.54	
		For 60 mils Thick, Deduct	*-1.21*	
		For 125 mils Thick, Add	*1.56*	

32 17 23 33-0058 Preformed, Patterned Thermoplastic Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

32 17 23 33-0059	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.16	
		For Up To 5,000 LF, Add	*0.63*	
		For >25,000 LF, Deduct	*-0.47*	
32 17 23 33-0060	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.68	
		For Up To 5,000 LF, Add	*0.94*	
		For >25,000 LF, Deduct	*-0.70*	
32 17 23 33-0061	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	6.21	
		For Up To 5,000 LF, Add	*1.24*	
		For >25,000 LF, Deduct	*-0.93*	
32 17 23 33-0062	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	9.21	
		For Up To 5,000 LF, Add	*1.84*	
		For >25,000 LF, Deduct	*-1.38*	
32 17 23 33-0063	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape Note: Includes yellow or white.	25.05	
32 17 23 33-0064	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	37.29	
		For <10, Add	*1.09*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 200, Deduct	*-0.73*	
		For >200, Deduct	*-1.45*	
32 17 23 33-0065	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	66.35	
		For <10, Add	*1.38*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 200, Deduct	*-0.92*	
		For >200, Deduct	*-1.84*	
32 17 23 33-0066	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	113.64	
		For <10, Add	*2.74*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 200, Deduct	*-1.83*	
		For >200, Deduct	*-3.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0067	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	162.59	
		For <10, Add	*5.48*	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 200, Deduct	*-3.65*	
		For >200, Deduct	*-7.30*	
32 17 23 33-0068	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	190.85	
		For <10, Add	*6.14*	
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 200, Deduct	*-4.10*	
		For >200, Deduct	*-8.19*	
32 17 23 33-0069	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	241.35	
		For <10, Add	*10.93*	
		For >50 To 100, Deduct	*-5.46*	
		For >100 To 200, Deduct	*-7.29*	
		For >200, Deduct	*-14.57*	
32 17 23 33-0070	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	307.01	
		For <10, Add	*14.68*	
		For >50 To 100, Deduct	*-7.34*	
		For >100 To 200, Deduct	*-9.79*	
		For >200, Deduct	*-19.57*	
32 17 23 33-0071	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	385.02	
		For <10, Add	*18.19*	
		For >50 To 100, Deduct	*-9.09*	
		For >100 To 200, Deduct	*-12.13*	
		For >200, Deduct	*-24.25*	
32 17 23 33-0072	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	25.76	
32 17 23 33-0073	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	27.08	

32 17 23 33-0074 Preformed, Thermoplastic Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Heat applied. (Flint PreMark or HotTape Series).

32 17 23 33-0075	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	405.05
32 17 23 33-0076	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,075.39
32 17 23 33-0077	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	209.51
32 17 23 33-0078	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	174.80
32 17 23 33-0079	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	348.18
32 17 23 33-0080	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	204.28
32 17 23 33-0081	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	388.83
32 17 23 33-0082	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	671.29
32 17 23 33-0083	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,016.05
32 17 23 33-0084	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	356.87
32 17 23 33-0085	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	397.52
32 17 23 33-0086	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	741.86
32 17 23 33-0087	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	681.05
32 17 23 33-0088	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	683.70
32 17 23 33-0089	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	946.69

32 17 23 33-0090 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*

32 17 23 33-0091 Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0090)*

Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0092	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	135.97
32 17 23 33-0093	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	522.05
32 17 23 33-0094	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	293.42
32 17 23 33-0095	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	353.19
32 17 23 33-0096	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	370.28

32 17 26 Tactile Warning Surfaces *(32 17)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 26 00-0001		Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)* Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	68.40	10.01
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	55.39	10.01
32 17 26 00-0004		Fiber-Reinforced, Polymer Modified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)* Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	81.93	10.01
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	72.93	10.01

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001		Tile Playground Surface Material *(32 18 16 13)* Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	26.50	2.90
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.13*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	27.04	3.06
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.24*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	28.13	3.43
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.46*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	29.21	3.79
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.68*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	32.60	4.15
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*2.89*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	33.80	4.55
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.13*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	35.04	4.96
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.38*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	38.52	5.31
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.61*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	39.60	5.74
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.82*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	40.80	6.06
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*4.06*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	46.94	6.83
		For Manufacturer's Standard Colors, Add	*0.66*	
		For Interlocking Tiles, Add	*5.27*	
		For Mechanically Fastened, Add	*4.52*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0013		Loose Laid Playground Surface Material *(32 18 16 13)* Note: Excludes sub base.		
32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	1.98	0.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.62	0.54
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	3.33	0.65
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	4.70	0.98
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	2.88	0.44
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.57	0.54
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	5.38	0.65
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.77	0.98
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.	11.52	1.63
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.	14.73	2.17

32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.73	3.10
		For Up To 2,000, Add	*4.18*	
		For >2,000 To 3,000, Add	*2.95*	
		For >3,000 To 4,000, Add	*2.01*	
		For >4,000 To 5,000, Add	*1.28*	
		For >5,000 To 7,000, Add	*0.53*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	21.38	3.44
		For Up To 2,000, Add	*4.31*	
		For >2,000 To 3,000, Add	*3.04*	
		For >3,000 To 4,000, Add	*2.07*	
		For >4,000 To 5,000, Add	*1.32*	
		For >5,000 To 7,000, Add	*0.55*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	23.07	3.93
		For Up To 2,000, Add	*4.65*	
		For >2,000 To 3,000, Add	*3.28*	
		For >3,000 To 4,000, Add	*2.23*	
		For >4,000 To 5,000, Add	*1.42*	
		For >5,000 To 7,000, Add	*0.59*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	24.93	4.18
		For Up To 2,000, Add	*5.02*	
		For >2,000 To 3,000, Add	*3.54*	
		For >3,000 To 4,000, Add	*2.41*	
		For >4,000 To 5,000, Add	*1.54*	
		For >5,000 To 7,000, Add	*0.64*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	26.76	4.39
		For Up To 2,000, Add	*5.39*	
		For >2,000 To 3,000, Add	*3.80*	
		For >3,000 To 4,000, Add	*2.59*	
		For >4,000 To 5,000, Add	*1.65*	
		For >5,000 To 7,000, Add	*0.69*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	28.34	4.65
		For Up To 2,000, Add	*5.71*	
		For >2,000 To 3,000, Add	*4.03*	
		For >3,000 To 4,000, Add	*2.74*	
		For >4,000 To 5,000, Add	*1.75*	
		For >5,000 To 7,000, Add	*0.73*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	30.18	4.91
		For Up To 2,000, Add	*6.08*	
		For >2,000 To 3,000, Add	*4.29*	
		For >3,000 To 4,000, Add	*2.92*	
		For >4,000 To 5,000, Add	*1.86*	
		For >5,000 To 7,000, Add	*0.78*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	33.86	5.50
		For Up To 2,000, Add	*6.82*	
		For >2,000 To 3,000, Add	*4.81*	
		For >3,000 To 4,000, Add	*3.28*	
		For >4,000 To 5,000, Add	*2.09*	
		For >5,000 To 7,000, Add	*0.87*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing Note: Not used with new surfacing system tasks.	13.53	
		For Up To 2,000, Add	*4.11*	
		For >2,000 To 3,000, Add	*2.66*	
		For >3,000 To 4,000, Add	*1.62*	
		For >4,000 To 5,000, Add	*0.98*	
		For >5,000 To 7,000, Add	*0.44*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	3,051.69	

32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*

Note: Excludes base preparation, aggregate, or drainage.

32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	11.15	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	9.84	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	6.38	
32 18 16 13-0039	CF	Sand/Rubber Infill (Sporturf)	63.52	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 13 Baseball Field Surfacing *(32 18 23)*

32 18 23 13-0001 Infield Dust *(32 18 23 13)*

32 18 23 13-0002	SF	4" Deep Red Brick Infield Mix	5.14	0.76

32 18 23 13-0003 Clay Infield Maintenance *(32 18 23 13)*

32 18 23 13-0004	MSF	Playing Field Maintenance (Clay - Nail Drag)	13.88	
32 18 23 13-0005	MSF	Playing Field Maintenance (Clay - Screen Drag)	13.88	
32 18 23 13-0006	CY	Playing Field Maintenance Of Clay	116.74	
32 18 23 13-0007	TON	Professional Softball/Baseball Infield Mix (Diamond-Tex Professional)	126.46	

32 18 23 23 Field Sport Surfacing *(32 18 23)*

32 18 23 23-0001 Turf Field Maintenance *(32 18 23 23)*

32 18 23 23-0002	ACR	Turf Aeration (Minimum 6" Penetration)	186.87	
32 18 23 23-0003	MSF	Top Dressing 1/8" - 1/4" Sand	17.70	
32 18 23 23-0004	BAG	Envirofill, 50 Lb. Bag	136.39	

32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

32 18 23 29-0001 Synthetic Field Sport Surfacing *(32 18 23 29)*

32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	8.84	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	28,277.14	
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	23,048.54	
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per sport.	6,935.90	
32 18 23 29-0009	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,560.95	
32 18 23 29-0010	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per end zone.	2,454.24	
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	21,341.24	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	30,944.80	

32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*

32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	10.13	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	28,810.85	
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	23,902.33	
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per sport.	7,469.48	
32 18 23 29-0018	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,774.38	
32 18 23 29-0019	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per end zone.	2,560.96	
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	22,408.44	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	32,492.23	

32 18 23 29-0022 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*

32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	10.32	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	29,344.38	
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	25,823.06	
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per sport.	8,003.01	
32 18 23 29-0027	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	2,987.79	
32 18 23 29-0028	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per end zone.	2,667.67	
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	23,475.50	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	34,039.48	

32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*

32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*

32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	11.52	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	30,411.27	
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	32,438.68	
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	9,070.03	
32 18 23 29-0037	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,414.60	
32 18 23 29-0038	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per end zone.	2,881.07	
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	25,609.49	
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	37,133.76	

32 18 23 29-0041 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*

32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	11.91	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	30,944.80	
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	36,066.70	
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	9,603.56	
32 18 23 29-0046	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,628.01	
32 18 23 29-0047	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per end zone.	2,987.77	
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	26,676.55	
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	38,681.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0050		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*		
32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	11.93	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	31,478.33	
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	36,280.11	
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	10,137.09	
32 18 23 29-0055	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,841.42	
32 18 23 29-0056	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per end zone.	3,094.48	
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	27,743.61	
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	40,228.24	
32 18 23 29-0059		60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*		
32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	12.16	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	32,011.86	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	38,627.64	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	10,670.62	
32 18 23 29-0064	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	4,268.25	
32 18 23 29-0065	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per end zone.	3,201.19	
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	28,810.67	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	41,775.48	
32 18 23 29-0068		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*		
32 18 23 29-0069		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*		
32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	9.74	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	27,210.24	
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	20,060.89	
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	5,868.88	
32 18 23 29-0074	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	2,134.14	
32 18 23 29-0075	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per end zone.	2,240.84	
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	19,207.23	
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	27,850.49	
32 18 23 29-0078		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*		
32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	8.58	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	27,743.61	
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	21,341.24	
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	6,402.37	
32 18 23 29-0083	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,347.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0084	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per end zone.	2,347.54	
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	20,274.18	
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	29,397.56	
32 18 23 29-0087		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*		
32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	19.00	
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	17.04	
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	52,652.55	
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	62,553.03	
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	15,300.74	
32 18 23 29-0093	EA	End Zone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,850.28	
32 18 23 29-0094	EA	Colored End Zone For AstroTurf® PureGrass® Fields Note: Per end zone.	4,342.48	
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	39,082.31	
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	57,377.78	
32 18 23 29-0097		Synthetic Turf (G9 Turf) *(32 18 23 29-0001)* Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	10.58	
		For >35,000, Deduct	*-0.96*	
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	10.48	
		For >35,000, Deduct	*-0.95*	
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf) Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.	10.94	
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	72,806.55	
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0106	EA	End Zone Lettering For G9 Synthetic Turf Note: Priced per letter. Includes single color outlining.	3,640.33	
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.41	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	8.90	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.54	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.28	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	2.10	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf Note: Includes a comprehensive report.	2,426.88	
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	24,268.85	
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.80	
		For >10,000 To 30,000, Deduct	*-0.32*	
		For >30,000 To 60,000, Deduct	*-0.56*	
		For >60,000, Deduct	*-0.61*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	5.44	
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	6.05	
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf Note: Used for drainage over asphalt or on rooftops.	4.96	
32 18 23 29-0118	SF	15 mm, Shock Pad For G9 Synthetic Turf Note: Used for additional Gmax for a stone base field.	3.05	
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf Note: Includes field inspection and report.	4,836.60	
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	13.30	
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	5.32	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field Note: Includes removal, shipping and recycling of infill, fibers and backing.	3.75	

32 18 23 33 Running Track Surfacing *(32 18 23)*

32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	36.98	

32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track Note: Includes certification.	17.44	

32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

32 18 23 39-0001 Synthetic Running Track Surfacing And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing	87.43	7.99
		For >5,500, Deduct	*-6.70*	
		For Up To 4,000, Add	*21.30*	
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing	109.40	7.99
		For >5,500, Deduct	*-8.99*	
		For Up To 4,000, Add	*28.59*	
		For Custom Color Upgrade, Add	*7.76*	
		For Aliphatic Top Coating, Add	*14.70*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing	178.85	7.99
		For >5,500, Deduct	*-8.24*	
		For Up To 4,000, Add	*48.05*	
		For Custom Color Upgrade, Add	*10.57*	
		For Aliphatic Top Coating, Add	*19.63*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing	232.50	7.99
		For >5,500, Deduct	*-10.64*	
		For Up To 4,000, Add	*62.07*	
		For Custom Color Upgrade, Add	*13.83*	
		For Aliphatic Top Coating, Add	*20.22*	
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing	78.01	
		For >5,500, Deduct	*-11.31*	
		For Up To 4,000, Add	*27.30*	
32 18 23 39-0007	SY	Spray Retop Running Tracks	68.52	
		For Up To 4,000, Add	*23.98*	
		For >5,500, Deduct	*-6.70*	
32 18 23 39-0008	SY	Sandwich Retop Running Tracks	132.64	
		For Up To 4,000, Add	*46.42*	
		For >5,500, Deduct	*-13.98*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	37.27	

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	529.55	

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	51.68	
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	57.40	
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	21.96	
32 18 23 56-0004	SY	Resurface Clay Tennis Court	15.43	
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	13.19	
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	9.38	

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.75	
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	0.88	
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.23	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat	97.02	
		Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.		

32 18 23 61-0007 Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.

32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat	3.43	
		Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*1.18*	
		For US Open Blue, Add	*1.83*	
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat	2.83	
		Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.85*	
		For US Open Blue, Add	*1.31*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat	2.49	
		Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.66*	
		For US Open Blue, Add	*1.02*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat	2.48	
		Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.		
		For Pacific Blue, Add	*0.79*	
		For US Open Or Australian Open Blue, Add	*1.29*	
		For Pro Purple, Add	*2.22*	

32 18 23 61-0012 Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®)	1.75	
		Note: Textured or non-textured highly reflective line marking paint.		

32 18 23 61-0014 Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*

32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat	5.13	
		Note: Applied with rubber squeegee.		
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat	6.91	
		Note: Applied with rubber squeegee.		
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat	5.98	
		Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat	4.54	
		Note: Applied with rubber squeegee.		
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat	3.53	
		Note: Price per coat for second or additional coats. Applied with rubber squeegee.		

32 18 23 61-0020 Resurface Athletic Court *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	2.97	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001 Gate Operators *(32 31 11)*

Note: Excludes gates, electrical connections, access controls and concrete foundation.

32 31 11 00-0002 Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*

32 31 11 00-0003 Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0002)*

32 31 11 00-0004 Single Gate, Swing Gate Actuator *(32 31 11 00-0003)*

32 31 11 00-0005	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	2,146.68	261.95
		Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0006	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	2,849.88	261.95
		Note: Includes one primary operator with a 14' wide gate capacity.		

32 31 11 00-0007 Dual Gate, Swing Gate Actuator *(32 31 11 00-0003)*

32 31 11 00-0008	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	4,293.36	523.91
		Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0009	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	5,699.75	523.91
32 31 11 00-0010		Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0011		Single Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0012	EA	400 Lb. Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary operator with a 10' wide and 400 Lb. gate capacity.	4,346.43	261.95
32 31 11 00-0013	EA	500 Lb. Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary operator with a 14' wide and 500 Lb. gate capacity.	4,725.07	261.95
32 31 11 00-0014	EA	700 Lb. Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with an 18' wide and 700 Lb. gate capacity.	6,401.93	261.95
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015	EA	800 Lb. Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with a 22' wide and 800 Lb. gate capacity.	7,249.38	261.95
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0016		Dual Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0017	EA	400 Lb. Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary and one secondary operator each with a 10' wide and 400 Lb. gate capacity.	7,701.17	523.91
32 31 11 00-0018	EA	500 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary and one secondary operator each with a 14' wide and 500 Lb. gate capacity.	8,458.46	523.91
32 31 11 00-0019	EA	700 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with an 18' wide and 700 Lb. gate capacity.	11,794.15	523.91
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020	EA	800 Lb. Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with a 22' wide and 800 Lb. gate capacity.	13,651.31	523.91
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0021		Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)* Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.		
32 31 11 00-0022	EA	300 Lb. Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,017.08	261.95
32 31 11 00-0023	EA	1,000 Lb. Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,800.57	314.35
32 31 11 00-0024	EA	1,500 Lb. Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	3,434.03	314.35
32 31 11 00-0025	EA	3,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,466.39	366.73
32 31 11 00-0026	EA	2,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,443.73	366.73
32 31 11 00-0027	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	7,394.61	419.13
32 31 11 00-0028	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	12,240.62	419.13
32 31 11 00-0029	EA	10,000 Lb. Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	20,652.85	471.51
32 31 11 00-0030		Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0031	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	726.44	
32 31 11 00-0032	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,415.03	
32 31 11 00-0033	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	930.79	
32 31 11 00-0034	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	1,017.55	
32 31 11 00-0035	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	909.36	
32 31 11 00-0036	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	647.92	
32 31 11 00-0037	LF	#40 Chain For Sliding Gate Operators	6.23	
32 31 11 00-0038	LF	#41 Chain For Sliding Gate Operators	6.50	
32 31 11 00-0039	LF	#50 Chain For Sliding Gate Operators	8.25	
32 31 11 00-0040	LF	#60 Chain For Sliding Gate Operators	12.60	
32 31 11 00-0041	EA	Exterior Keypad Gate Operator (Linear AK-11)	724.44	144.06
32 31 11 00-0042		Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0043	EA	Up To 1,500 Lb. Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)	2,949.54	320.36
		Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*191.03*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*136.74*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*67.34*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*270.67*	
		For Each Additional 10' Chain, Add	*40.54*	

32 31 13 Chain Link Fences and Gates *(32 31)*

32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0083 for core drilling in concrete, 02 41 19 13-0221 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.12
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.51
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.82
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.67
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	18.19
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	20.01
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	22.24
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	25.02
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	28.59
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	33.35
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	40.02
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	50.02

32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	86.17
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	22.56

32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	6.77
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	8.69
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	9.55
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	10.92
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	15.38
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	20.53
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	25.08
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	29.22
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	39.65
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	49.05
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	58.21
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	67.68

32 31 13 13-0032 Grout Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	8.06
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	10.38
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	11.28
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	12.64
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	17.62
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	23.51
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	28.63
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	33.19
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	44.22
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	53.87
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	63.19
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	72.72

32 31 13 13-0045 Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.83
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	7.59
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	7.93
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	8.17
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	10.92
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	14.55
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	17.46
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	19.79
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	24.12
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	27.07
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	29.68
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	32.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0058		**Fence Posts** *(32 31 13 13)* Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059		**Fence Posts** *(32 31 13 13-0058)*		
32 31 13 13-0060		**1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel** *(32 31 13 13-0059)* Note: Includes cap and accessories.		
32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	22.36	3.31
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	21.42	2.81
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	20.28	2.33
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	19.35	1.84
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	18.74	1.59
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	17.78	1.10
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0067		**Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal)** *(32 31 13 13-0059)* Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	15.18	3.06
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.27*	
		For Vinyl Coated, Add	*5.44*	
		For Powder Coated, Add	*7.25*	
		For Aluminum Coated, Add	*11.33*	
		For Schedule 20, Deduct	*-1.81*	
		For Schedule 80, Add	*4.96*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	14.13	2.57
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.24*	
		For Vinyl Coated, Add	*5.37*	
		For Powder Coated, Add	*7.16*	
		For Aluminum Coated, Add	*11.19*	
		For Schedule 20, Deduct	*-1.79*	
		For Schedule 80, Add	*4.81*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	13.01	2.08
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.22*	
		For Vinyl Coated, Add	*5.33*	
		For Powder Coated, Add	*7.11*	
		For Aluminum Coated, Add	*11.11*	
		For Schedule 20, Deduct	*-1.78*	
		For Schedule 80, Add	*4.68*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.17	1.59
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.22*	
		For Vinyl Coated, Add	*5.32*	
		For Powder Coated, Add	*7.09*	
		For Aluminum Coated, Add	*11.08*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.58*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.61	1.35
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.21*	
		For Vinyl Coated, Add	*5.31*	
		For Powder Coated, Add	*7.08*	
		For Aluminum Coated, Add	*11.06*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.52*	
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.01	1.10
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.21*	
		For Vinyl Coated, Add	*5.30*	
		For Powder Coated, Add	*7.07*	
		For Aluminum Coated, Add	*11.05*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	17.42	3.19
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.77*	
		For Vinyl Coated, Add	*6.65*	
		For Powder Coated, Add	*8.87*	
		For Aluminum Coated, Add	*13.86*	
		For Schedule 20, Deduct	*-2.22*	
		For Schedule 80, Add	*5.96*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	16.43	2.69
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.74*	
		For Vinyl Coated, Add	*6.56*	
		For Powder Coated, Add	*8.75*	
		For Aluminum Coated, Add	*13.68*	
		For Schedule 20, Deduct	*-2.19*	
		For Schedule 80, Add	*5.80*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	15.25	2.20
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.72*	
		For Vinyl Coated, Add	*6.52*	
		For Powder Coated, Add	*8.70*	
		For Aluminum Coated, Add	*13.59*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.66*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	14.33	1.72
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.71*	
		For Vinyl Coated, Add	*6.50*	
		For Powder Coated, Add	*8.66*	
		For Aluminum Coated, Add	*13.54*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.55*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.72	1.47
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.70*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.65*	
		For Aluminum Coated, Add	*13.51*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.48*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	13.18	1.22
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.70*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.65*	
		For Aluminum Coated, Add	*13.51*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.43*	
32 31 13 13-0081		Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*		
		Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	21.34	3.43
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.67*	
		For Vinyl Coated, Add	*8.80*	
		For Powder Coated, Add	*11.73*	
		For Aluminum Coated, Add	*18.33*	
		For Schedule 20, Deduct	*-2.93*	
		For Schedule 80, Add	*7.70*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	20.23	2.94
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.62*	
		For Vinyl Coated, Add	*8.69*	
		For Powder Coated, Add	*11.59*	
		For Aluminum Coated, Add	*18.11*	
		For Schedule 20, Deduct	*-2.90*	
		For Schedule 80, Add	*7.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	19.01	2.33
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.60*	
		For Vinyl Coated, Add	*8.65*	
		For Powder Coated, Add	*11.53*	
		For Aluminum Coated, Add	*18.01*	
		For Schedule 20, Deduct	*-2.88*	
		For Schedule 80, Add	*7.38*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	18.04	1.84
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.62*	
		For Powder Coated, Add	*11.50*	
		For Aluminum Coated, Add	*17.96*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.26*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	17.41	1.59
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.61*	
		For Powder Coated, Add	*11.48*	
		For Aluminum Coated, Add	*17.94*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.19*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	16.82	1.22
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.60*	
		For Powder Coated, Add	*11.47*	
		For Aluminum Coated, Add	*17.93*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.13*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	29.50	3.67
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.54*	
		For Vinyl Coated, Add	*13.30*	
		For Powder Coated, Add	*17.73*	
		For Aluminum Coated, Add	*27.70*	
		For Schedule 20, Deduct	*-4.43*	
		For Schedule 80, Add	*11.37*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	28.14	3.19
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.45*	
		For Vinyl Coated, Add	*13.09*	
		For Powder Coated, Add	*17.45*	
		For Aluminum Coated, Add	*27.26*	
		For Schedule 20, Deduct	*-4.36*	
		For Schedule 80, Add	*11.10*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	26.74	2.57
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.41*	
		For Vinyl Coated, Add	*12.98*	
		For Powder Coated, Add	*17.31*	
		For Aluminum Coated, Add	*27.05*	
		For Schedule 20, Deduct	*-4.33*	
		For Schedule 80, Add	*10.90*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	25.63	2.08
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.39*	
		For Vinyl Coated, Add	*12.93*	
		For Powder Coated, Add	*17.24*	
		For Aluminum Coated, Add	*26.94*	
		For Schedule 20, Deduct	*-4.31*	
		For Schedule 80, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	24.91	1.72
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.38*	
		For Vinyl Coated, Add	*12.91*	
		For Powder Coated, Add	*17.21*	
		For Aluminum Coated, Add	*26.89*	
		For Schedule 20, Deduct	*-4.30*	
		For Schedule 80, Add	*10.66*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	24.26	1.35
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.38*	
		For Vinyl Coated, Add	*12.90*	
		For Powder Coated, Add	*17.20*	
		For Aluminum Coated, Add	*26.88*	
		For Schedule 20, Deduct	*-4.30*	
		For Schedule 80, Add	*10.60*	

32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	43.90	3.91
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.04*	
		For Vinyl Coated, Add	*21.70*	
		For Powder Coated, Add	*28.94*	
		For Aluminum Coated, Add	*45.21*	
		For Schedule 20, Deduct	*-7.23*	
		For Schedule 80, Add	*18.13*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	41.98	3.19
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.89*	
		For Vinyl Coated, Add	*21.32*	
		For Powder Coated, Add	*28.43*	
		For Aluminum Coated, Add	*44.43*	
		For Schedule 20, Deduct	*-7.11*	
		For Schedule 80, Add	*17.70*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	40.61	2.69
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.81*	
		For Vinyl Coated, Add	*21.14*	
		For Powder Coated, Add	*28.18*	
		For Aluminum Coated, Add	*44.04*	
		For Schedule 20, Deduct	*-7.05*	
		For Schedule 80, Add	*17.45*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	39.37	2.20
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.77*	
		For Vinyl Coated, Add	*21.04*	
		For Powder Coated, Add	*28.06*	
		For Aluminum Coated, Add	*43.84*	
		For Schedule 20, Deduct	*-7.01*	
		For Schedule 80, Add	*17.26*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	39.29	2.20
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.75*	
		For Vinyl Coated, Add	*20.99*	
		For Powder Coated, Add	*27.99*	
		For Aluminum Coated, Add	*43.74*	
		For Schedule 20, Deduct	*-7.00*	
		For Schedule 80, Add	*17.23*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	38.04	1.59
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.75*	
		For Vinyl Coated, Add	*20.99*	
		For Powder Coated, Add	*27.98*	
		For Aluminum Coated, Add	*43.73*	
		For Schedule 20, Deduct	*-7.00*	
		For Schedule 80, Add	*17.10*	

32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0103		LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	87.93	4.29
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*19.83*	
			For Vinyl Coated, Add	*47.60*	
			For Powder Coated, Add	*63.46*	
			For Aluminum Coated, Add	*99.16*	
			For Schedule 20, Deduct	*-15.87*	
			For Schedule 80, Add	*38.94*	
32 31 13 13-0104		LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	84.14	3.55
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*19.24*	
			For Vinyl Coated, Add	*46.16*	
			For Powder Coated, Add	*61.55*	
			For Aluminum Coated, Add	*96.18*	
			For Schedule 20, Deduct	*-15.39*	
			For Schedule 80, Add	*37.65*	
32 31 13 13-0105		LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	81.72	2.94
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.94*	
			For Vinyl Coated, Add	*45.45*	
			For Powder Coated, Add	*60.60*	
			For Aluminum Coated, Add	*94.69*	
			For Schedule 20, Deduct	*-15.15*	
			For Schedule 80, Add	*36.96*	
32 31 13 13-0106		LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	79.93	2.33
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.79*	
			For Vinyl Coated, Add	*45.10*	
			For Powder Coated, Add	*60.13*	
			For Aluminum Coated, Add	*93.95*	
			For Schedule 20, Deduct	*-15.03*	
			For Schedule 80, Add	*36.55*	
32 31 13 13-0107		LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	78.94	2.08
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.72*	
			For Vinyl Coated, Add	*44.92*	
			For Powder Coated, Add	*59.89*	
			For Aluminum Coated, Add	*93.58*	
			For Schedule 20, Deduct	*-14.97*	
			For Schedule 80, Add	*36.34*	
32 31 13 13-0108		LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	78.20	1.72
			For Each Top Rail Fitting, Add	*4.55*	
			For Each Single Barbed Wire Arm, Add	*7.15*	
			For Each Double Barbed Wire Arm, Add	*14.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.70*	
			For Vinyl Coated, Add	*44.88*	
			For Powder Coated, Add	*59.84*	
			For Aluminum Coated, Add	*93.50*	
			For Schedule 20, Deduct	*-14.96*	
			For Schedule 80, Add	*36.24*	

32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0110		LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	171.73	4.77
			For Each Top Rail Fitting, Add	*7.50*	
			For Each Single Barbed Wire Arm, Add	*9.15*	
			For Each Double Barbed Wire Arm, Add	*18.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*40.55*	
			For Vinyl Coated, Add	*97.31*	
			For Powder Coated, Add	*129.75*	
			For Aluminum Coated, Add	*202.74*	
			For Schedule 20, Deduct	*-32.44*	
			For Schedule 80, Add	*78.81*	
32 31 13 13-0111		LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	165.43	4.05
			For Each Top Rail Fitting, Add	*7.50*	
			For Each Single Barbed Wire Arm, Add	*9.15*	
			For Each Double Barbed Wire Arm, Add	*18.95*	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	*39.36*	
			For Vinyl Coated, Add	*94.47*	
			For Powder Coated, Add	*125.96*	
			For Aluminum Coated, Add	*196.81*	
			For Schedule 20, Deduct	*-31.49*	
			For Schedule 80, Add	*76.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	161.69	3.31
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.77*	
		For Vinyl Coated, Add	*93.04*	
		For Powder Coated, Add	*124.06*	
		For Aluminum Coated, Add	*193.84*	
		For Schedule 20, Deduct	*-31.01*	
		For Schedule 80, Add	*75.10*	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	159.13	2.57
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.47*	
		For Vinyl Coated, Add	*92.33*	
		For Powder Coated, Add	*123.11*	
		For Aluminum Coated, Add	*192.36*	
		For Schedule 20, Deduct	*-30.78*	
		For Schedule 80, Add	*74.39*	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	157.83	2.20
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.32*	
		For Vinyl Coated, Add	*91.97*	
		For Powder Coated, Add	*122.63*	
		For Aluminum Coated, Add	*191.61*	
		For Schedule 20, Deduct	*-30.66*	
		For Schedule 80, Add	*74.03*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	156.95	1.84
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.29*	
		For Vinyl Coated, Add	*91.90*	
		For Powder Coated, Add	*122.54*	
		For Aluminum Coated, Add	*191.46*	
		For Schedule 20, Deduct	*-30.63*	
		For Schedule 80, Add	*73.90*	

32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	77.32
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post Note: OZ-Post HB-700.	77.32
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post IS-600.	79.35
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post ISW-850.	95.33

32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	89.24
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	86.19
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	89.85
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	95.33
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	95.33

32 31 13 13-0128 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	88.15
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	92.28
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	99.40
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	99.40
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	112.61
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	121.95

32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	88.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	92.28	
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	99.40	
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	101.02	

32 31 13 13-0140 Chain Link Fence Assemblies *(32 31 13 13)*

32 31 13 13-0141 Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0140)*

Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0671 for barb wire attachments.

32 31 13 13-0142 Galvanized *(32 31 13 13-0141)*

32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.97	4.17
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.96*	
		For 13 Gauge Fabric, Deduct	*-9.26*	
		For 11 Gauge Fabric, Deduct	*-5.41*	
		For 6 Gauge Fabric, Add	*8.50*	
		For 1" Mesh Fabric, Add	*11.60*	
		For 1-3/4" Mesh Fabric, Add	*4.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.09*	
		For Posts 8' On Centers, Add	*2.34*	
		For Posts 5' On Centers, Add	*8.79*	
		For Up To 100, Add	*8.08*	
		For >100 To 250, Add	*2.96*	
		For >2,500 To 5,000, Deduct	*-1.48*	
		For >5,000, Deduct	*-2.96*	
		For 3/8" Non-Climbable Mesh, Add	*32.43*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.68	4.17
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.06*	
		For 13 Gauge Fabric, Deduct	*-9.77*	
		For 11 Gauge Fabric, Deduct	*-5.71*	
		For 6 Gauge Fabric, Add	*8.97*	
		For 1" Mesh Fabric, Add	*12.23*	
		For 1-3/4" Mesh Fabric, Add	*4.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.45*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.26*	
		For Posts 8' On Centers, Add	*2.43*	
		For Posts 5' On Centers, Add	*9.12*	
		For Up To 100, Add	*8.36*	
		For >100 To 250, Add	*3.06*	
		For >2,500 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-3.06*	
		For 3/8" Non-Climbable Mesh, Add	*37.22*	
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	46.19	4.17
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.15*	
		For 13 Gauge Fabric, Deduct	*-10.21*	
		For 11 Gauge Fabric, Deduct	*-5.96*	
		For 6 Gauge Fabric, Add	*9.37*	
		For 1" Mesh Fabric, Add	*12.78*	
		For 1-3/4" Mesh Fabric, Add	*5.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.56*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.41*	
		For Posts 8' On Centers, Add	*2.51*	
		For Posts 5' On Centers, Add	*9.41*	
		For Up To 100, Add	*8.61*	
		For >100 To 250, Add	*3.15*	
		For >2,500 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-3.15*	
		For 3/8" Non-Climbable Mesh, Add	*42.04*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	49.71	4.17
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.35*	
		For 13 Gauge Fabric, Deduct	*-11.24*	
		For 11 Gauge Fabric, Deduct	*-6.57*	
		For 6 Gauge Fabric, Add	*10.32*	
		For 1" Mesh Fabric, Add	*14.07*	
		For 1-3/4" Mesh Fabric, Add	*5.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.81*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.75*	
		For Posts 8' On Centers, Add	*2.69*	
		For Posts 5' On Centers, Add	*10.08*	
		For Up To 100, Add	*9.19*	
		For >100 To 250, Add	*3.35*	
		For >2,500 To 5,000, Deduct	*-1.68*	
		For >5,000, Deduct	*-3.35*	
		For 3/8" Non-Climbable Mesh, Add	*51.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.85	4.17
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.62*	
		For 13 Gauge Fabric, Deduct	*-12.29*	
		For 11 Gauge Fabric, Deduct	*-7.18*	
		For 6 Gauge Fabric, Add	*11.28*	
		For 1" Mesh Fabric, Add	*15.38*	
		For 1-3/4" Mesh Fabric, Add	*6.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.10*	
		For Posts 8' On Centers, Add	*2.91*	
		For Posts 5' On Centers, Add	*10.89*	
		For Up To 100, Add	*9.93*	
		For >100 To 250, Add	*3.62*	
		For >2,500 To 5,000, Deduct	*-1.81*	
		For >5,000, Deduct	*-3.62*	
		For 3/8" Non-Climbable Mesh, Add	*60.23*	
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	55.82	6.24
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.75*	
		For 13 Gauge Fabric, Deduct	*-12.73*	
		For 11 Gauge Fabric, Deduct	*-7.44*	
		For 6 Gauge Fabric, Add	*11.69*	
		For 1" Mesh Fabric, Add	*15.94*	
		For 1-3/4" Mesh Fabric, Add	*6.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.25*	
		For Posts 8' On Centers, Add	*3.02*	
		For Posts 5' On Centers, Add	*11.29*	
		For Up To 100, Add	*10.29*	
		For >100 To 250, Add	*3.75*	
		For >2,500 To 5,000, Deduct	*-1.88*	
		For >5,000, Deduct	*-3.75*	
		For 3/8" Non-Climbable Mesh, Add	*69.49*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	63.51	7.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.20*	
		For 13 Gauge Fabric, Deduct	*-14.97*	
		For 11 Gauge Fabric, Deduct	*-8.74*	
		For 6 Gauge Fabric, Add	*13.74*	
		For 1" Mesh Fabric, Add	*18.74*	
		For 1-3/4" Mesh Fabric, Add	*7.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.75*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.00*	
		For Posts 8' On Centers, Add	*3.42*	
		For Posts 5' On Centers, Add	*12.76*	
		For Up To 100, Add	*11.57*	
		For >100 To 250, Add	*4.20*	
		For >2,500 To 5,000, Deduct	*-2.10*	
		For >5,000, Deduct	*-4.20*	
		For 3/8" Non-Climbable Mesh, Add	*78.84*	
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	67.73	9.37
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.46*	
		For 13 Gauge Fabric, Deduct	*-16.10*	
		For 11 Gauge Fabric, Deduct	*-9.40*	
		For 6 Gauge Fabric, Add	*14.78*	
		For 1" Mesh Fabric, Add	*20.15*	
		For 1-3/4" Mesh Fabric, Add	*8.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.37*	
		For Posts 8' On Centers, Add	*3.64*	
		For Posts 5' On Centers, Add	*13.58*	
		For Up To 100, Add	*12.30*	
		For >100 To 250, Add	*4.46*	
		For >2,500 To 5,000, Deduct	*-2.23*	
		For >5,000, Deduct	*-4.46*	
		For 3/8" Non-Climbable Mesh, Add	*86.99*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	71.95	10.41
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.72*	
		For 13 Gauge Fabric, Deduct	*-17.23*	
		For 11 Gauge Fabric, Deduct	*-10.06*	
		For 6 Gauge Fabric, Add	*15.81*	
		For 1" Mesh Fabric, Add	*21.56*	
		For 1-3/4" Mesh Fabric, Add	*8.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.31*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.75*	
		For Posts 8' On Centers, Add	*3.87*	
		For Posts 5' On Centers, Add	*14.41*	
		For Up To 100, Add	*13.03*	
		For >100 To 250, Add	*4.72*	
		For >2,500 To 5,000, Deduct	*-2.36*	
		For >5,000, Deduct	*-4.72*	
		For 3/8" Non-Climbable Mesh, Add	*95.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0152	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	79.92	12.49
		For Each Additional Foot >12, Add	*4.18*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.21*	
		For 13 Gauge Fabric, Deduct	*-19.34*	
		For 11 Gauge Fabric, Deduct	*-11.30*	
		For 6 Gauge Fabric, Add	*17.76*	
		For 1" Mesh Fabric, Add	*24.21*	
		For 1-3/4" Mesh Fabric, Add	*9.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.84*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.46*	
		For Posts 8' On Centers, Add	*4.29*	
		For Posts 5' On Centers, Add	*15.96*	
		For Up To 100, Add	*14.41*	
		For >100 To 250, Add	*5.21*	
		For >2,500 To 5,000, Deduct	*-2.60*	
		For >5,000, Deduct	*-5.21*	
		For 3/8" Non-Climbable Mesh, Add	*103.47*	

32 31 13 13-0153 Vinyl Coated *(32 31 13 13-0141)*

32 31 13 13-0154	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.83	4.17
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.65*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.23*	
		For 13 Gauge Fabric, Deduct	*-10.78*	
		For 11 Gauge Fabric, Deduct	*-6.30*	
		For 6 Gauge Fabric, Add	*9.89*	
		For 1" Mesh Fabric, Add	*13.49*	
		For 1-3/4" Mesh Fabric, Add	*5.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.70*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.60*	
		For Posts 8' On Centers, Add	*2.59*	
		For Posts 5' On Centers, Add	*9.70*	
		For Up To 100, Add	*8.86*	
		For >100 To 250, Add	*3.23*	
		For >2,500 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-3.23*	
		For 3/8" Non-Climbable Mesh, Add	*47.18*	
32 31 13 13-0155	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	51.78	4.17
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.16*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.46*	
		For 13 Gauge Fabric, Deduct	*-11.96*	
		For 11 Gauge Fabric, Deduct	*-6.99*	
		For 6 Gauge Fabric, Add	*10.98*	
		For 1" Mesh Fabric, Add	*14.97*	
		For 1-3/4" Mesh Fabric, Add	*5.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.99*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.99*	
		For Posts 8' On Centers, Add	*2.80*	
		For Posts 5' On Centers, Add	*10.45*	
		For Up To 100, Add	*9.50*	
		For >100 To 250, Add	*3.46*	
		For >2,500 To 5,000, Deduct	*-1.73*	
		For >5,000, Deduct	*-3.46*	
		For 3/8" Non-Climbable Mesh, Add	*57.53*	
32 31 13 13-0156	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	58.06	4.17
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.94*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.83*	
		For 13 Gauge Fabric, Deduct	*-13.75*	
		For 11 Gauge Fabric, Deduct	*-8.03*	
		For 6 Gauge Fabric, Add	*12.62*	
		For 1" Mesh Fabric, Add	*17.21*	
		For 1-3/4" Mesh Fabric, Add	*6.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.44*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.59*	
		For Posts 8' On Centers, Add	*3.12*	
		For Posts 5' On Centers, Add	*11.65*	
		For Up To 100, Add	*10.56*	
		For >100 To 250, Add	*3.83*	
		For >2,500 To 5,000, Deduct	*-1.91*	
		For >5,000, Deduct	*-3.83*	
		For 3/8" Non-Climbable Mesh, Add	*67.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0157	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	60.71	6.24
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.23*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.99*	
		For 13 Gauge Fabric, Deduct	*-14.43*	
		For 11 Gauge Fabric, Deduct	*-8.43*	
		For 6 Gauge Fabric, Add	*13.25*	
		For 1" Mesh Fabric, Add	*18.07*	
		For 1-3/4" Mesh Fabric, Add	*7.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.82*	
		For Posts 8' On Centers, Add	*3.27*	
		For Posts 5' On Centers, Add	*12.17*	
		For Up To 100, Add	*11.02*	
		For >100 To 250, Add	*3.99*	
		For >2,500 To 5,000, Deduct	*-2.00*	
		For >5,000, Deduct	*-3.99*	
		For 3/8" Non-Climbable Mesh, Add	*78.48*	
32 31 13 13-0158	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	69.20	7.29
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.31*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.48*	
		For 13 Gauge Fabric, Deduct	*-16.94*	
		For 11 Gauge Fabric, Deduct	*-9.90*	
		For 6 Gauge Fabric, Add	*15.55*	
		For 1" Mesh Fabric, Add	*21.21*	
		For 1-3/4" Mesh Fabric, Add	*8.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.24*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.66*	
		For Posts 8' On Centers, Add	*3.71*	
		For Posts 5' On Centers, Add	*13.78*	
		For Up To 100, Add	*12.42*	
		For >100 To 250, Add	*4.48*	
		For >2,500 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-4.48*	
		For 3/8" Non-Climbable Mesh, Add	*89.11*	
32 31 13 13-0159	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	73.84	9.37
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.86*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.76*	
		For 13 Gauge Fabric, Deduct	*-18.22*	
		For 11 Gauge Fabric, Deduct	*-10.64*	
		For 6 Gauge Fabric, Add	*16.73*	
		For 1" Mesh Fabric, Add	*22.81*	
		For 1-3/4" Mesh Fabric, Add	*9.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.56*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.08*	
		For Posts 8' On Centers, Add	*3.95*	
		For Posts 5' On Centers, Add	*14.68*	
		For Up To 100, Add	*13.22*	
		For >100 To 250, Add	*4.76*	
		For >2,500 To 5,000, Deduct	*-2.38*	
		For >5,000, Deduct	*-4.76*	
		For 3/8" Non-Climbable Mesh, Add	*98.42*	
32 31 13 13-0160	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	78.48	10.41
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.42*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.04*	
		For 13 Gauge Fabric, Deduct	*-19.49*	
		For 11 Gauge Fabric, Deduct	*-11.39*	
		For 6 Gauge Fabric, Add	*17.90*	
		For 1" Mesh Fabric, Add	*24.40*	
		For 1-3/4" Mesh Fabric, Add	*9.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.88*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.51*	
		For Posts 8' On Centers, Add	*4.19*	
		For Posts 5' On Centers, Add	*15.58*	
		For Up To 100, Add	*14.01*	
		For >100 To 250, Add	*5.04*	
		For >2,500 To 5,000, Deduct	*-2.52*	
		For >5,000, Deduct	*-5.04*	
		For 3/8" Non-Climbable Mesh, Add	*107.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0161	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	85.66	12.49
		For Each Additional Foot >12, Add	*4.43*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*9.21*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.50*	
		For 13 Gauge Fabric, Deduct	*-21.34*	
		For 11 Gauge Fabric, Deduct	*-12.46*	
		For 6 Gauge Fabric, Add	*19.59*	
		For 1" Mesh Fabric, Add	*26.71*	
		For 1-3/4" Mesh Fabric, Add	*10.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-7.12*	
		For Posts 8' On Centers, Add	*4.57*	
		For Posts 5' On Centers, Add	*17.00*	
		For Up To 100, Add	*15.28*	
		For >100 To 250, Add	*5.50*	
		For >2,500 To 5,000, Deduct	*-2.75*	
		For >5,000, Deduct	*-5.50*	
		For 3/8" Non-Climbable Mesh, Add	*117.11*	

32 31 13 13-0162 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

32 31 13 13-0163 SS-20 Chain Link Fence Rails *(32 31 13 13-0162)*

Note: Includes tie wires.

32 31 13 13-0164	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	7.83	1.35
		For SS15, Deduct	*-0.50*	
		For SS40, Add	*1.26*	
32 31 13 13-0165	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	9.52	1.35
		For SS40, Add	*0.67*	
		For Powder Coated, Add	*1.34*	
		For Aluminum Coated, Add	*2.68*	
32 31 13 13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	9.76	1.53
		For SS15, Deduct	*-0.67*	
		For SS40, Add	*1.68*	
32 31 13 13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	12.01	1.53
		For SS40, Add	*0.90*	
		For Powder Coated, Add	*1.79*	
		For Aluminum Coated, Add	*3.58*	
32 31 13 13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	11.46	1.72
		For SS40, Add	*2.01*	
32 31 13 13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	14.17	1.72
		For SS40, Add	*1.07*	
		For Powder Coated, Add	*2.15*	
		For Aluminum Coated, Add	*4.30*	

32 31 13 13-0170 SS-20 Middle/Bottom Rail With Tie Wire (1.66" Nominal) *(32 31 13 13-0162)*

32 31 13 13-0171	LF	1-5/8" Galvanized Steel Fence Rail, Tie Wire And Fittings	10.30	1.35
		For SS40, Add	*1.81*	
32 31 13 13-0172	LF	1-5/8" Vinyl Coated Fence Rail, Tie Wires And Fittings	12.56	1.35
		For SS40, Add	*0.95*	
		For Powder Coated, Add	*1.90*	
		For Aluminum Coated, Add	*3.80*	

32 31 13 13-0173 Fabric *(32 31 13 13)*

32 31 13 13-0174 Fabric, Galvanized Chain Link *(32 31 13 13-0173)*

32 31 13 13-0175	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.00	2.45
		For 1-1/4" Mesh Fabric, Add	*1.13*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.01*	
		For 13 Gauge Fabric, Deduct	*-1.82*	
		For 11 Gauge Fabric, Deduct	*-1.01*	
		For 6 Gauge Fabric, Add	*3.23*	
		For 1" Mesh Fabric, Add	*3.03*	
		For 1-1/4" Mesh Fabric, Add	*2.02*	
		For 1-3/4" Mesh Fabric, Add	*1.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.81*	
		For 3/8" Non-Climbable Mesh, Add	*33.62*	
32 31 13 13-0176	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.29	2.76
		For 1-1/4" Mesh Fabric, Add	*1.32*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.18*	
		For 13 Gauge Fabric, Deduct	*-2.12*	
		For 11 Gauge Fabric, Deduct	*-1.18*	
		For 6 Gauge Fabric, Add	*3.77*	
		For 1" Mesh Fabric, Add	*3.53*	
		For 1-1/4" Mesh Fabric, Add	*2.36*	
		For 1-3/4" Mesh Fabric, Add	*1.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.94*	
		For 3/8" Non-Climbable Mesh, Add	*38.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0177	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.36	3.06
		For 1-1/4" Mesh Fabric, Add	*1.45*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.30*	
		For 13 Gauge Fabric, Deduct	*-2.33*	
		For 11 Gauge Fabric, Deduct	*-1.30*	
		For 6 Gauge Fabric, Add	*4.14*	
		For 1" Mesh Fabric, Add	*3.89*	
		For 1-1/4" Mesh Fabric, Add	*2.59*	
		For 1-3/4" Mesh Fabric, Add	*1.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.04*	
		For 3/8" Non-Climbable Mesh, Add	*43.42*	
32 31 13 13-0178	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	16.26	3.67
		For 1-1/4" Mesh Fabric, Add	*1.81*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.62*	
		For 13 Gauge Fabric, Deduct	*-2.91*	
		For 11 Gauge Fabric, Deduct	*-1.62*	
		For 6 Gauge Fabric, Add	*5.17*	
		For 1" Mesh Fabric, Add	*4.85*	
		For 1-1/4" Mesh Fabric, Add	*3.23*	
		For 1-3/4" Mesh Fabric, Add	*1.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.97*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.29*	
		For 3/8" Non-Climbable Mesh, Add	*52.58*	
32 31 13 13-0179	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.27	4.29
		For 1-1/4" Mesh Fabric, Add	*2.18*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.94*	
		For 13 Gauge Fabric, Deduct	*-3.50*	
		For 11 Gauge Fabric, Deduct	*-1.94*	
		For 6 Gauge Fabric, Add	*6.22*	
		For 1" Mesh Fabric, Add	*5.83*	
		For 1-1/4" Mesh Fabric, Add	*3.89*	
		For 1-3/4" Mesh Fabric, Add	*2.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.17*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.55*	
		For 3/8" Non-Climbable Mesh, Add	*61.82*	
32 31 13 13-0180	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	20.35	4.90
		For 1-1/4" Mesh Fabric, Add	*2.53*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.26*	
		For 13 Gauge Fabric, Deduct	*-4.07*	
		For 11 Gauge Fabric, Deduct	*-2.26*	
		For 6 Gauge Fabric, Add	*7.24*	
		For 1" Mesh Fabric, Add	*6.79*	
		For 1-1/4" Mesh Fabric, Add	*4.53*	
		For 1-3/4" Mesh Fabric, Add	*2.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.36*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.81*	
		For 3/8" Non-Climbable Mesh, Add	*71.18*	
32 31 13 13-0181	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	22.60	6.12
		For 1-1/4" Mesh Fabric, Add	*2.90*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.59*	
		For 13 Gauge Fabric, Deduct	*-4.66*	
		For 11 Gauge Fabric, Deduct	*-2.59*	
		For 6 Gauge Fabric, Add	*8.28*	
		For 1" Mesh Fabric, Add	*7.76*	
		For 1-1/4" Mesh Fabric, Add	*5.18*	
		For 1-3/4" Mesh Fabric, Add	*3.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.55*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.07*	
		For 3/8" Non-Climbable Mesh, Add	*80.69*	
32 31 13 13-0182	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	26.95	6.74
		For 1-1/4" Mesh Fabric, Add	*3.76*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.36*	
		For 13 Gauge Fabric, Deduct	*-6.05*	
		For 11 Gauge Fabric, Deduct	*-3.36*	
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*10.08*	
		For 1-1/4" Mesh Fabric, Add	*6.72*	
		For 1-3/4" Mesh Fabric, Add	*4.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.02*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.69*	
		For 3/8" Non-Climbable Mesh, Add	*97.43*	
32 31 13 13-0183	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	30.81	7.34
		For 1-1/4" Mesh Fabric, Add	*4.51*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.03*	
		For 13 Gauge Fabric, Deduct	*-7.25*	
		For 11 Gauge Fabric, Deduct	*-4.03*	
		For 6 Gauge Fabric, Add	*12.89*	
		For 1" Mesh Fabric, Add	*12.08*	
		For 1-1/4" Mesh Fabric, Add	*8.06*	
		For 1-3/4" Mesh Fabric, Add	*4.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.42*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.22*	
		For 3/8" Non-Climbable Mesh, Add	*105.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0184	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	34.44	8.58
		For 1-1/4" Mesh Fabric, Add	*4.84*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.33*	
		For 13 Gauge Fabric, Deduct	*-7.79*	
		For 11 Gauge Fabric, Deduct	*-4.33*	
		For 6 Gauge Fabric, Add	*13.84*	
		For 1" Mesh Fabric, Add	*12.98*	
		For 1-1/4" Mesh Fabric, Add	*8.65*	
		For 1-3/4" Mesh Fabric, Add	*5.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.60*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.46*	
		For 3/8" Non-Climbable Mesh, Add	*115.19*	
32 31 13 13-0185	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	38.09	9.80
		For 1-1/4" Mesh Fabric, Add	*5.18*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.63*	
		For 13 Gauge Fabric, Deduct	*-8.33*	
		For 11 Gauge Fabric, Deduct	*-4.63*	
		For 6 Gauge Fabric, Add	*14.80*	
		For 1" Mesh Fabric, Add	*13.88*	
		For 1-1/4" Mesh Fabric, Add	*9.25*	
		For 1-3/4" Mesh Fabric, Add	*5.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.70*	
		For 3/8" Non-Climbable Mesh, Add	*124.72*	
32 31 13 13-0186		**Fabric, Vinyl Coated Chain Link** *(32 31 13 13-0173)*		
32 31 13 13-0187	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	16.01	2.45
		For 1-1/4" Mesh Fabric, Add	*1.91*	
		For 13 Gauge Fabric, Deduct	*-3.07*	
		For 11 Gauge Fabric, Deduct	*-1.71*	
		For 6 Gauge Fabric, Add	*5.46*	
		For 1" Mesh Fabric, Add	*5.12*	
		For 1-1/4" Mesh Fabric, Add	*3.42*	
		For 1-3/4" Mesh Fabric, Add	*2.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.02*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.37*	
		For 3/8" Non-Climbable Mesh, Add	*48.56*	
		For Aluminum Coated, Add	*2.73*	
32 31 13 13-0188	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	18.33	3.67
		For 1-1/4" Mesh Fabric, Add	*2.39*	
		For 13 Gauge Fabric, Deduct	*-3.84*	
		For 11 Gauge Fabric, Deduct	*-2.13*	
		For 6 Gauge Fabric, Add	*6.82*	
		For 1" Mesh Fabric, Add	*6.40*	
		For 1-1/4" Mesh Fabric, Add	*4.27*	
		For 1-3/4" Mesh Fabric, Add	*2.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.71*	
		For 3/8" Non-Climbable Mesh, Add	*59.00*	
		For Aluminum Coated, Add	*3.41*	
32 31 13 13-0189	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.47	4.29
		For 1-1/4" Mesh Fabric, Add	*3.35*	
		For 13 Gauge Fabric, Deduct	*-5.39*	
		For 11 Gauge Fabric, Deduct	*-2.99*	
		For 6 Gauge Fabric, Add	*9.58*	
		For 1" Mesh Fabric, Add	*8.98*	
		For 1-1/4" Mesh Fabric, Add	*5.99*	
		For 1-3/4" Mesh Fabric, Add	*3.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.39*	
		For 3/8" Non-Climbable Mesh, Add	*69.52*	
		For Aluminum Coated, Add	*4.79*	
32 31 13 13-0190	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	25.23	4.90
		For 1-1/4" Mesh Fabric, Add	*3.90*	
		For 13 Gauge Fabric, Deduct	*-6.27*	
		For 11 Gauge Fabric, Deduct	*-3.48*	
		For 6 Gauge Fabric, Add	*11.14*	
		For 1" Mesh Fabric, Add	*10.45*	
		For 1-1/4" Mesh Fabric, Add	*6.97*	
		For 1-3/4" Mesh Fabric, Add	*4.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.09*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.79*	
		For 3/8" Non-Climbable Mesh, Add	*80.17*	
		For Aluminum Coated, Add	*5.57*	
32 31 13 13-0191	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	28.29	6.12
		For 1-1/4" Mesh Fabric, Add	*4.49*	
		For 13 Gauge Fabric, Deduct	*-7.22*	
		For 11 Gauge Fabric, Deduct	*-4.01*	
		For 6 Gauge Fabric, Add	*12.83*	
		For 1" Mesh Fabric, Add	*12.03*	
		For 1-1/4" Mesh Fabric, Add	*8.02*	
		For 1-3/4" Mesh Fabric, Add	*4.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.21*	
		For 3/8" Non-Climbable Mesh, Add	*90.96*	
		For Aluminum Coated, Add	*6.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0192	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	33.48	6.74
		For 1-1/4" Mesh Fabric, Add	*5.59*	
		For 13 Gauge Fabric, Deduct	*-8.99*	
		For 11 Gauge Fabric, Deduct	*-4.99*	
		For 6 Gauge Fabric, Add	*15.98*	
		For 1" Mesh Fabric, Add	*14.98*	
		For 1-1/4" Mesh Fabric, Add	*9.99*	
		For 1-3/4" Mesh Fabric, Add	*5.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.00*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.99*	
		For 3/8" Non-Climbable Mesh, Add	*110.02*	
		For Aluminum Coated, Add	*7.99*	
32 31 13 13-0193	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	36.54	7.34
		For 1-1/4" Mesh Fabric, Add	*6.12*	
		For 13 Gauge Fabric, Deduct	*-9.83*	
		For 11 Gauge Fabric, Deduct	*-5.46*	
		For 6 Gauge Fabric, Add	*17.47*	
		For 1" Mesh Fabric, Add	*16.38*	
		For 1-1/4" Mesh Fabric, Add	*10.92*	
		For 1-3/4" Mesh Fabric, Add	*6.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.37*	
		For 3/8" Non-Climbable Mesh, Add	*119.32*	
		For Aluminum Coated, Add	*8.74*	
32 31 13 13-0194	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	41.18	8.58
		For 1-1/4" Mesh Fabric, Add	*6.73*	
		For 13 Gauge Fabric, Deduct	*-10.82*	
		For 11 Gauge Fabric, Deduct	*-6.01*	
		For 6 Gauge Fabric, Add	*19.23*	
		For 1" Mesh Fabric, Add	*18.03*	
		For 1-1/4" Mesh Fabric, Add	*12.02*	
		For 1-3/4" Mesh Fabric, Add	*7.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.81*	
		For 3/8" Non-Climbable Mesh, Add	*129.90*	
		For Aluminum Coated, Add	*9.62*	
32 31 13 13-0195	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	45.94	9.80
		For 1-1/4" Mesh Fabric, Add	*7.38*	
		For 13 Gauge Fabric, Deduct	*-11.86*	
		For 11 Gauge Fabric, Deduct	*-6.59*	
		For 6 Gauge Fabric, Add	*21.08*	
		For 1" Mesh Fabric, Add	*19.76*	
		For 1-1/4" Mesh Fabric, Add	*13.18*	
		For 1-3/4" Mesh Fabric, Add	*7.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.95*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.27*	
		For 3/8" Non-Climbable Mesh, Add	*140.49*	
		For Aluminum Coated, Add	*10.54*	
32 31 13 13-0196		**Fabric, Aluminized Steel Chain Link** *(32 31 13 13-0173)*		
32 31 13 13-0197	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.67	2.45
		For 6 Gauge Fabric, Add	*2.97*	
		For 1" Mesh Fabric, Add	*3.90*	
32 31 13 13-0198	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.90	2.76
		For 6 Gauge Fabric, Add	*3.46*	
		For 1" Mesh Fabric, Add	*4.54*	
32 31 13 13-0199	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.12	3.06
		For 6 Gauge Fabric, Add	*3.95*	
		For 1" Mesh Fabric, Add	*5.19*	
32 31 13 13-0200	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	15.97	3.67
		For 6 Gauge Fabric, Add	*4.94*	
		For 1" Mesh Fabric, Add	*6.48*	
32 31 13 13-0201	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	17.88	4.29
		For 6 Gauge Fabric, Add	*5.90*	
		For 1" Mesh Fabric, Add	*7.75*	
32 31 13 13-0202	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.93	4.90
		For 6 Gauge Fabric, Add	*6.90*	
		For 1" Mesh Fabric, Add	*9.06*	
32 31 13 13-0203	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	22.11	6.12
		For 6 Gauge Fabric, Add	*7.89*	
		For 1" Mesh Fabric, Add	*10.35*	
32 31 13 13-0204	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	25.83	6.74
		For 6 Gauge Fabric, Add	*9.86*	
		For 1" Mesh Fabric, Add	*12.94*	
32 31 13 13-0205	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	29.48	7.34
		For 6 Gauge Fabric, Add	*11.82*	
		For 1" Mesh Fabric, Add	*15.52*	
32 31 13 13-0206		**Fabric, All Aluminum Chain Link** *(32 31 13 13-0173)*		
32 31 13 13-0207	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	17.67	2.45
		For 6 Gauge Fabric, Add	*7.77*	
		For 1" Mesh Fabric, Add	*10.20*	
32 31 13 13-0208	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	19.91	2.76
		For 6 Gauge Fabric, Add	*9.06*	
		For 1" Mesh Fabric, Add	*11.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0209	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	22.13	3.06
		For 6 Gauge Fabric, Add	*10.36*	
		For 1" Mesh Fabric, Add	*13.60*	
32 31 13 13-0210	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	25.99	3.67
		For 6 Gauge Fabric, Add	*12.95*	
		For 1" Mesh Fabric, Add	*17.00*	
32 31 13 13-0211	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	29.92	4.29
		For 6 Gauge Fabric, Add	*15.54*	
		For 1" Mesh Fabric, Add	*20.39*	
32 31 13 13-0212	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	33.96	4.90
		For 6 Gauge Fabric, Add	*18.13*	
		For 1" Mesh Fabric, Add	*23.79*	
32 31 13 13-0213	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	38.15	6.12
		For 6 Gauge Fabric, Add	*20.72*	
		For 1" Mesh Fabric, Add	*27.20*	
32 31 13 13-0214	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	45.88	6.74
		For 6 Gauge Fabric, Add	*25.90*	
		For 1" Mesh Fabric, Add	*33.99*	
32 31 13 13-0215	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	53.55	7.34
		For 6 Gauge Fabric, Add	*31.08*	
		For 1" Mesh Fabric, Add	*40.79*	

32 31 13 13-0216 Fence Inserts *(32 31 13 13-0173)*

Note: For use with new or existing chain link fence, per lf of fence.

32 31 13 13-0217 Vinyl Plastic Fence Inserts *(32 31 13 13-0216)*

Note: Assorted colors.

32 31 13 13-0218	LF	3' High Fence, Vinyl Plastic Fence Insert	10.48
32 31 13 13-0219	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	11.97
32 31 13 13-0220	LF	4' High Fence, Vinyl Plastic Fence Insert	13.21
32 31 13 13-0221	LF	5' High Fence, Vinyl Plastic Fence Insert	16.56
32 31 13 13-0222	LF	6' High Fence, Vinyl Plastic Fence Insert	19.81
32 31 13 13-0223	LF	7' High Fence, Vinyl Plastic Fence Insert	23.18
32 31 13 13-0224	LF	8' High Fence, Vinyl Plastic Fence Insert	26.42
32 31 13 13-0225	LF	10' High Fence, Vinyl Plastic Fence Insert	31.94

32 31 13 13-0226 Aluminum Fence Inserts *(32 31 13 13-0216)*

Note: Assorted colors.

32 31 13 13-0227	LF	3' High Fence, Aluminum Fence Insert	34.61
32 31 13 13-0228	LF	3-1/2' High Fence, Aluminum Fence Insert	38.00
32 31 13 13-0229	LF	4' High Fence, Aluminum Fence Insert	43.29
32 31 13 13-0230	LF	5' High Fence, Aluminum Fence Insert	54.18
32 31 13 13-0231	LF	6' High Fence, Aluminum Fence Insert	65.00
32 31 13 13-0232	LF	7' High Fence, Aluminum Fence Insert	70.79
32 31 13 13-0233	LF	8' High Fence, Aluminum Fence Insert	86.66
32 31 13 13-0234	LF	10' High Fence, Aluminum Fence Insert	107.65

32 31 13 13-0235 Redwood Fence Inserts *(32 31 13 13-0216)*

32 31 13 13-0236	LF	4' High Fence, Redwood Fence Insert	15.74
32 31 13 13-0237	LF	5' High Fence, Redwood Fence Insert	19.93
32 31 13 13-0238	LF	6' High Fence, Redwood Fence Insert	23.94
32 31 13 13-0239	LF	7' High Fence, Redwood Fence Insert	27.86
32 31 13 13-0240	LF	8' High Fence, Redwood Fence Insert	31.88

32 31 13 13-0241 Diagonal Flexible Polyethylene Inserts *(32 31 13 13-0216)*

32 31 13 13-0242	SF	Diagonal Polyethylene Fence Weave	4.17

32 31 13 13-0243 Hedge Link Fence Inserts *(32 31 13 13-0216)*

32 31 13 13-0244	LF	3' High Fence, Hedge Link Fence Insert	22.11
32 31 13 13-0245	LF	3-1/2' High Fence, Hedge Link Fence Insert	25.18
32 31 13 13-0246	LF	4' High Fence, Hedge Link Fence Insert	29.57
32 31 13 13-0247	LF	5' High Fence, Hedge Link Fence Insert	36.50
32 31 13 13-0248	LF	6' High Fence, Hedge Link Fence Insert	41.81
32 31 13 13-0249	LF	7' High Fence, Hedge Link Fence Insert	52.69
32 31 13 13-0250	LF	8' High Fence, Hedge Link Fence Insert	59.85
32 31 13 13-0251	LF	10' High Fence, Hedge Link Fence Insert	71.45
32 31 13 13-0252	LF	12' High Fence, Hedge Link Fence Insert	81.94

32 31 13 13-0253 Fence Windscreen Fabric *(32 31 13 13-0173)*

Note: Includes plastic wire clips.

32 31 13 13-0254	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.43	0.66
		For Sewn Boxed Vent (Each), Add	*29.02*	
		For Welded Boxed Vent (Each), Add	*14.51*	
		For 4' x 4' One Color Logo (Each), Add	*604.58*	

32 31 13 13-0255 Non-Climbable Fabric, Galvanized Chain Link *(32 31 13 13-0173)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0256	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	33.62	2.45
		For 11 Gauge, Deduct	*-5.13*	
		For 10 Gauge, Deduct	*-2.05*	
		For 7 Gauge, Add	*3.08*	
		For 6 Gauge, Add	*7.18*	
		For 1/2" Mesh Fabric, Deduct	*-1.28*	
		For 5/8" Mesh Fabric, Deduct	*-2.82*	
		For 3/4" Mesh Fabric, Deduct	*-4.11*	
32 31 13 13-0257	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	38.51	2.76
		For 11 Gauge, Deduct	*-5.99*	
		For 10 Gauge, Deduct	*-2.39*	
		For 7 Gauge, Add	*3.59*	
		For 6 Gauge, Add	*8.38*	
		For 1/2" Mesh Fabric, Deduct	*-1.50*	
		For 5/8" Mesh Fabric, Deduct	*-3.29*	
		For 3/4" Mesh Fabric, Deduct	*-4.79*	
32 31 13 13-0258	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	43.42	3.06
		For 11 Gauge, Deduct	*-6.85*	
		For 10 Gauge, Deduct	*-2.74*	
		For 7 Gauge, Add	*4.11*	
		For 6 Gauge, Add	*9.59*	
		For 1/2" Mesh Fabric, Deduct	*-1.71*	
		For 5/8" Mesh Fabric, Deduct	*-3.77*	
		For 3/4" Mesh Fabric, Deduct	*-5.48*	
32 31 13 13-0259	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	52.58	3.67
		For 11 Gauge, Deduct	*-8.56*	
		For 10 Gauge, Deduct	*-3.42*	
		For 7 Gauge, Add	*5.13*	
		For 6 Gauge, Add	*11.98*	
		For 1/2" Mesh Fabric, Deduct	*-2.14*	
		For 5/8" Mesh Fabric, Deduct	*-4.71*	
		For 3/4" Mesh Fabric, Deduct	*-6.84*	
32 31 13 13-0260	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	61.82	4.29
		For 11 Gauge, Deduct	*-10.26*	
		For 10 Gauge, Deduct	*-4.11*	
		For 7 Gauge, Add	*6.16*	
		For 6 Gauge, Add	*14.37*	
		For 1/2" Mesh Fabric, Deduct	*-2.57*	
		For 5/8" Mesh Fabric, Deduct	*-5.65*	
		For 3/4" Mesh Fabric, Deduct	*-8.21*	
32 31 13 13-0261	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	71.18	4.90
		For 11 Gauge, Deduct	*-11.98*	
		For 10 Gauge, Deduct	*-4.79*	
		For 7 Gauge, Add	*7.19*	
		For 6 Gauge, Add	*16.77*	
		For 1/2" Mesh Fabric, Deduct	*-2.99*	
		For 5/8" Mesh Fabric, Deduct	*-6.59*	
		For 3/4" Mesh Fabric, Deduct	*-9.58*	
32 31 13 13-0262	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	80.69	6.12
		For 11 Gauge, Deduct	*-13.69*	
		For 10 Gauge, Deduct	*-5.48*	
		For 7 Gauge, Add	*8.21*	
		For 6 Gauge, Add	*19.16*	
		For 1/2" Mesh Fabric, Deduct	*-3.42*	
		For 5/8" Mesh Fabric, Deduct	*-7.53*	
		For 3/4" Mesh Fabric, Deduct	*-10.95*	
32 31 13 13-0263	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	89.04	6.43
		For 11 Gauge, Deduct	*-15.24*	
		For 10 Gauge, Deduct	*-6.09*	
		For 7 Gauge, Add	*9.14*	
		For 6 Gauge, Add	*21.33*	
		For 1/2" Mesh Fabric, Deduct	*-3.81*	
		For 5/8" Mesh Fabric, Deduct	*-8.38*	
		For 3/4" Mesh Fabric, Deduct	*-12.19*	
32 31 13 13-0264	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	97.43	6.74
		For 11 Gauge, Deduct	*-16.78*	
		For 10 Gauge, Deduct	*-6.71*	
		For 7 Gauge, Add	*10.07*	
		For 6 Gauge, Add	*23.50*	
		For 1/2" Mesh Fabric, Deduct	*-4.20*	
		For 5/8" Mesh Fabric, Deduct	*-9.23*	
		For 3/4" Mesh Fabric, Deduct	*-13.43*	
32 31 13 13-0265	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	105.68	7.34
		For 11 Gauge, Deduct	*-18.20*	
		For 10 Gauge, Deduct	*-7.28*	
		For 7 Gauge, Add	*10.92*	
		For 6 Gauge, Add	*25.47*	
		For 1/2" Mesh Fabric, Deduct	*-4.55*	
		For 5/8" Mesh Fabric, Deduct	*-10.01*	
		For 3/4" Mesh Fabric, Deduct	*-14.56*	

32 31 13 13-0266 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0267		Galvanized Steel Without Barbed Wire *(32 31 13 13-0266)* Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0268		4' Fence Height *(32 31 13 13-0267)*		
32 31 13 13-0269	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	402.10	27.74
		For Gate With Single Barb Wire Arm, Add	*34.70*	
		For Gate With Double Barb Wire Arm, Add	*50.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.14*	
		For Aluminized Steel Gate And Post, Add	*151.40*	
		For Powder Coated Gate And Post, Add	*82.01*	
		For 1" Mesh Fabric, Add	*137.21*	
		For 1-1/4" Mesh Fabric, Add	*88.32*	
		For 1-3/4" Mesh Fabric, Add	*54.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.44*	
32 31 13 13-0270	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	507.24	28.90
		For Gate With Single Barb Wire Arm, Add	*46.26*	
		For Gate With Double Barb Wire Arm, Add	*67.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.86*	
		For Aluminized Steel Gate And Post, Add	*201.87*	
		For Powder Coated Gate And Post, Add	*109.35*	
		For 1" Mesh Fabric, Add	*182.94*	
		For 1-1/4" Mesh Fabric, Add	*117.76*	
		For 1-3/4" Mesh Fabric, Add	*73.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.59*	
32 31 13 13-0271	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	600.22	30.75
		For Gate With Single Barb Wire Arm, Add	*55.85*	
		For Gate With Double Barb Wire Arm, Add	*81.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-95.20*	
		For Aluminized Steel Gate And Post, Add	*243.72*	
		For Powder Coated Gate And Post, Add	*132.02*	
		For 1" Mesh Fabric, Add	*220.87*	
		For 1-1/4" Mesh Fabric, Add	*142.17*	
		For 1-3/4" Mesh Fabric, Add	*88.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.17*	
32 31 13 13-0272	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	705.92	36.98
		For Gate With Single Barb Wire Arm, Add	*65.44*	
		For Gate With Double Barb Wire Arm, Add	*95.19*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.55*	
		For Aluminized Steel Gate And Post, Add	*285.57*	
		For Powder Coated Gate And Post, Add	*154.68*	
		For 1" Mesh Fabric, Add	*258.80*	
		For 1-1/4" Mesh Fabric, Add	*166.58*	
		For 1-3/4" Mesh Fabric, Add	*103.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.76*	
32 31 13 13-0273	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	811.59	43.11
		For Gate With Single Barb Wire Arm, Add	*75.03*	
		For Gate With Double Barb Wire Arm, Add	*109.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.90*	
		For Aluminized Steel Gate And Post, Add	*327.42*	
		For Powder Coated Gate And Post, Add	*177.35*	
		For 1" Mesh Fabric, Add	*296.73*	
		For 1-1/4" Mesh Fabric, Add	*191.00*	
		For 1-3/4" Mesh Fabric, Add	*118.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.35*	
32 31 13 13-0274	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	920.86	49.24
		For Gate With Single Barb Wire Arm, Add	*85.02*	
		For Gate With Double Barb Wire Arm, Add	*123.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.92*	
		For Aluminized Steel Gate And Post, Add	*371.00*	
		For Powder Coated Gate And Post, Add	*200.96*	
		For 1" Mesh Fabric, Add	*336.22*	
		For 1-1/4" Mesh Fabric, Add	*216.41*	
		For 1-3/4" Mesh Fabric, Add	*134.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.24*	
32 31 13 13-0275	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,026.53	55.47
		For Gate With Single Barb Wire Arm, Add	*94.61*	
		For Gate With Double Barb Wire Arm, Add	*137.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.27*	
		For Aluminized Steel Gate And Post, Add	*412.85*	
		For Powder Coated Gate And Post, Add	*223.63*	
		For 1" Mesh Fabric, Add	*374.14*	
		For 1-1/4" Mesh Fabric, Add	*240.83*	
		For 1-3/4" Mesh Fabric, Add	*149.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.83*	
32 31 13 13-0276	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,133.75	61.60
		For Gate With Single Barb Wire Arm, Add	*104.37*	
		For Gate With Double Barb Wire Arm, Add	*151.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.91*	
		For Aluminized Steel Gate And Post, Add	*455.44*	
		For Powder Coated Gate And Post, Add	*246.70*	
		For 1" Mesh Fabric, Add	*412.74*	
		For 1-1/4" Mesh Fabric, Add	*265.67*	
		For 1-3/4" Mesh Fabric, Add	*165.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0277	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,446.61	61.60
		For Gate With Single Barb Wire Arm, Add	*138.78*	
		For Gate With Double Barb Wire Arm, Add	*201.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-236.57*	
		For Aluminized Steel Gate And Post, Add	*605.61*	
		For Powder Coated Gate And Post, Add	*328.04*	
		For 1" Mesh Fabric, Add	*548.83*	
		For 1-1/4" Mesh Fabric, Add	*353.27*	
		For 1-3/4" Mesh Fabric, Add	*219.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-109.77*	
32 31 13 13-0278	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,712.16	66.00
		For Gate With Single Barb Wire Arm, Add	*166.54*	
		For Gate With Double Barb Wire Arm, Add	*242.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-283.88*	
		For Aluminized Steel Gate And Post, Add	*726.73*	
		For Powder Coated Gate And Post, Add	*393.65*	
		For 1" Mesh Fabric, Add	*658.60*	
		For 1-1/4" Mesh Fabric, Add	*423.93*	
		For 1-3/4" Mesh Fabric, Add	*263.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-131.72*	
32 31 13 13-0279	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,979.74	71.08
		For Gate With Single Barb Wire Arm, Add	*194.30*	
		For Gate With Double Barb Wire Arm, Add	*282.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-331.19*	
		For Aluminized Steel Gate And Post, Add	*847.85*	
		For Powder Coated Gate And Post, Add	*459.25*	
		For 1" Mesh Fabric, Add	*768.37*	
		For 1-1/4" Mesh Fabric, Add	*494.58*	
		For 1-3/4" Mesh Fabric, Add	*307.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-153.67*	
32 31 13 13-0280	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,249.86	76.97
		For Gate With Single Barb Wire Arm, Add	*222.06*	
		For Gate With Double Barb Wire Arm, Add	*322.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-378.51*	
		For Aluminized Steel Gate And Post, Add	*968.98*	
		For Powder Coated Gate And Post, Add	*524.86*	
		For 1" Mesh Fabric, Add	*878.13*	
		For 1-1/4" Mesh Fabric, Add	*565.24*	
		For 1-3/4" Mesh Fabric, Add	*351.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-175.63*	
32 31 13 13-0281	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,556.53	95.02
		For Gate With Single Barb Wire Arm, Add	*249.81*	
		For Gate With Double Barb Wire Arm, Add	*363.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-425.82*	
		For Aluminized Steel Gate And Post, Add	*1,090.09*	
		For Powder Coated Gate And Post, Add	*590.47*	
		For 1" Mesh Fabric, Add	*987.90*	
		For 1-1/4" Mesh Fabric, Add	*635.89*	
		For 1-3/4" Mesh Fabric, Add	*395.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-197.58*	
32 31 13 13-0282	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,829.27	101.84
		For Gate With Single Barb Wire Arm, Add	*277.57*	
		For Gate With Double Barb Wire Arm, Add	*403.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-473.13*	
		For Aluminized Steel Gate And Post, Add	*1,211.22*	
		For Powder Coated Gate And Post, Add	*656.08*	
		For 1" Mesh Fabric, Add	*1,097.67*	
		For 1-1/4" Mesh Fabric, Add	*706.54*	
		For 1-3/4" Mesh Fabric, Add	*439.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-219.53*	
32 31 13 13-0283	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,098.97	109.74
		For Gate With Single Barb Wire Arm, Add	*304.65*	
		For Gate With Double Barb Wire Arm, Add	*443.13*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-519.29*	
		For Aluminized Steel Gate And Post, Add	*1,329.38*	
		For Powder Coated Gate And Post, Add	*720.08*	
		For 1" Mesh Fabric, Add	*1,204.75*	
		For 1-1/4" Mesh Fabric, Add	*775.47*	
		For 1-3/4" Mesh Fabric, Add	*481.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.95*	
32 31 13 13-0284	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,372.60	118.84
		For Gate With Single Barb Wire Arm, Add	*331.73*	
		For Gate With Double Barb Wire Arm, Add	*482.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-565.45*	
		For Aluminized Steel Gate And Post, Add	*1,447.55*	
		For Powder Coated Gate And Post, Add	*784.09*	
		For 1" Mesh Fabric, Add	*1,311.84*	
		For 1-1/4" Mesh Fabric, Add	*844.40*	
		For 1-3/4" Mesh Fabric, Add	*524.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0285	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,651.24	129.68
		For Gate With Single Barb Wire Arm, Add	*358.81*	
		For Gate With Double Barb Wire Arm, Add	*521.91*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-611.61*	
		For Aluminized Steel Gate And Post, Add	*1,565.72*	
		For Powder Coated Gate And Post, Add	*848.10*	
		For 1" Mesh Fabric, Add	*1,418.94*	
		For 1-1/4" Mesh Fabric, Add	*913.34*	
		For 1-3/4" Mesh Fabric, Add	*567.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-283.79*	
32 31 13 13-0286	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,844.03	142.66
		For Gate With Single Barb Wire Arm, Add	*375.74*	
		For Gate With Double Barb Wire Arm, Add	*546.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-640.46*	
		For Aluminized Steel Gate And Post, Add	*1,639.57*	
		For Powder Coated Gate And Post, Add	*888.10*	
		For 1" Mesh Fabric, Add	*1,485.86*	
		For 1-1/4" Mesh Fabric, Add	*956.42*	
		For 1-3/4" Mesh Fabric, Add	*594.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-297.17*	
32 31 13 13-0287	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	4,260.88	158.45
		For Gate With Single Barb Wire Arm, Add	*416.36*	
		For Gate With Double Barb Wire Arm, Add	*605.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-709.70*	
		For Aluminized Steel Gate And Post, Add	*1,816.82*	
		For Powder Coated Gate And Post, Add	*984.11*	
		For 1" Mesh Fabric, Add	*1,646.50*	
		For 1-1/4" Mesh Fabric, Add	*1,059.81*	
		For 1-3/4" Mesh Fabric, Add	*658.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-329.30*	

32 31 13 13-0288 5' Fence Height *(32 31 13 13-0267)*

32 31 13 13-0289	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	482.26	30.75
		For Gate With Single Barb Wire Arm, Add	*42.88*	
		For Gate With Double Barb Wire Arm, Add	*62.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.09*	
		For Aluminized Steel Gate And Post, Add	*187.10*	
		For Powder Coated Gate And Post, Add	*101.35*	
		For 1" Mesh Fabric, Add	*169.56*	
		For 1-1/4" Mesh Fabric, Add	*109.14*	
		For 1-3/4" Mesh Fabric, Add	*67.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.91*	
32 31 13 13-0290	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	610.48	30.75
		For Gate With Single Barb Wire Arm, Add	*56.98*	
		For Gate With Double Barb Wire Arm, Add	*82.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.13*	
		For Aluminized Steel Gate And Post, Add	*248.64*	
		For Powder Coated Gate And Post, Add	*134.68*	
		For 1" Mesh Fabric, Add	*225.33*	
		For 1-1/4" Mesh Fabric, Add	*145.04*	
		For 1-3/4" Mesh Fabric, Add	*90.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.07*	
32 31 13 13-0291	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	713.72	32.71
		For Gate With Single Barb Wire Arm, Add	*67.70*	
		For Gate With Double Barb Wire Arm, Add	*98.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.40*	
		For Aluminized Steel Gate And Post, Add	*295.42*	
		For Powder Coated Gate And Post, Add	*160.02*	
		For 1" Mesh Fabric, Add	*267.73*	
		For 1-1/4" Mesh Fabric, Add	*172.33*	
		For 1-3/4" Mesh Fabric, Add	*107.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.55*	
32 31 13 13-0292	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	835.93	39.29
		For Gate With Single Barb Wire Arm, Add	*78.98*	
		For Gate With Double Barb Wire Arm, Add	*114.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-134.63*	
		For Aluminized Steel Gate And Post, Add	*344.65*	
		For Powder Coated Gate And Post, Add	*186.69*	
		For 1" Mesh Fabric, Add	*312.34*	
		For 1-1/4" Mesh Fabric, Add	*201.05*	
		For 1-3/4" Mesh Fabric, Add	*124.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.47*	
32 31 13 13-0293	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	947.90	45.77
		For Gate With Single Barb Wire Arm, Add	*89.14*	
		For Gate With Double Barb Wire Arm, Add	*129.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.94*	
		For Aluminized Steel Gate And Post, Add	*388.97*	
		For Powder Coated Gate And Post, Add	*210.69*	
		For 1" Mesh Fabric, Add	*352.50*	
		For 1-1/4" Mesh Fabric, Add	*226.90*	
		For 1-3/4" Mesh Fabric, Add	*141.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0294	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,071.28	52.71
		For Gate With Single Barb Wire Arm, Add	*100.42*	
		For Gate With Double Barb Wire Arm, Add	*146.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.17*	
		For Aluminized Steel Gate And Post, Add	*438.21*	
		For Powder Coated Gate And Post, Add	*237.36*	
		For 1" Mesh Fabric, Add	*397.12*	
		For 1-1/4" Mesh Fabric, Add	*255.62*	
		For 1-3/4" Mesh Fabric, Add	*158.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.42*	
32 31 13 13-0295	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,188.36	59.29
		For Gate With Single Barb Wire Arm, Add	*111.14*	
		For Gate With Double Barb Wire Arm, Add	*161.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.44*	
		For Aluminized Steel Gate And Post, Add	*484.98*	
		For Powder Coated Gate And Post, Add	*262.70*	
		For 1" Mesh Fabric, Add	*439.51*	
		For 1-1/4" Mesh Fabric, Add	*282.90*	
		For 1-3/4" Mesh Fabric, Add	*175.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.90*	
32 31 13 13-0296	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,305.46	65.77
		For Gate With Single Barb Wire Arm, Add	*121.86*	
		For Gate With Double Barb Wire Arm, Add	*177.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-207.72*	
		For Aluminized Steel Gate And Post, Add	*531.75*	
		For Powder Coated Gate And Post, Add	*288.03*	
		For 1" Mesh Fabric, Add	*481.90*	
		For 1-1/4" Mesh Fabric, Add	*310.19*	
		For 1-3/4" Mesh Fabric, Add	*192.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.38*	
32 31 13 13-0297	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,761.40	66.00
		For Gate With Single Barb Wire Arm, Add	*171.96*	
		For Gate With Double Barb Wire Arm, Add	*250.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-293.11*	
		For Aluminized Steel Gate And Post, Add	*750.36*	
		For Powder Coated Gate And Post, Add	*406.45*	
		For 1" Mesh Fabric, Add	*680.02*	
		For 1-1/4" Mesh Fabric, Add	*437.71*	
		For 1-3/4" Mesh Fabric, Add	*272.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-136.00*	
32 31 13 13-0298	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,090.52	71.08
		For Gate With Single Barb Wire Arm, Add	*206.49*	
		For Gate With Double Barb Wire Arm, Add	*300.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-351.96*	
		For Aluminized Steel Gate And Post, Add	*901.03*	
		For Powder Coated Gate And Post, Add	*488.06*	
		For 1" Mesh Fabric, Add	*816.56*	
		For 1-1/4" Mesh Fabric, Add	*525.60*	
		For 1-3/4" Mesh Fabric, Add	*326.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-163.31*	
32 31 13 13-0299	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,422.18	76.97
		For Gate With Single Barb Wire Arm, Add	*241.01*	
		For Gate With Double Barb Wire Arm, Add	*350.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-410.82*	
		For Aluminized Steel Gate And Post, Add	*1,051.69*	
		For Powder Coated Gate And Post, Add	*569.67*	
		For 1" Mesh Fabric, Add	*953.09*	
		For 1-1/4" Mesh Fabric, Add	*613.49*	
		For 1-3/4" Mesh Fabric, Add	*381.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.62*	
32 31 13 13-0300	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,790.41	95.02
		For Gate With Single Barb Wire Arm, Add	*275.54*	
		For Gate With Double Barb Wire Arm, Add	*400.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-469.67*	
		For Aluminized Steel Gate And Post, Add	*1,202.36*	
		For Powder Coated Gate And Post, Add	*651.28*	
		For 1" Mesh Fabric, Add	*1,089.64*	
		For 1-1/4" Mesh Fabric, Add	*701.37*	
		For 1-3/4" Mesh Fabric, Add	*435.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-217.93*	
32 31 13 13-0301	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,118.53	101.84
		For Gate With Single Barb Wire Arm, Add	*309.39*	
		For Gate With Double Barb Wire Arm, Add	*450.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-527.37*	
		For Aluminized Steel Gate And Post, Add	*1,350.06*	
		For Powder Coated Gate And Post, Add	*731.28*	
		For 1" Mesh Fabric, Add	*1,223.49*	
		For 1-1/4" Mesh Fabric, Add	*787.54*	
		For 1-3/4" Mesh Fabric, Add	*489.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-244.70*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0302	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,462.09	109.74
		For Gate With Single Barb Wire Arm, Add	*344.59*	
		For Gate With Double Barb Wire Arm, Add	*501.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-587.38*	
		For Aluminized Steel Gate And Post, Add	*1,503.68*	
		For Powder Coated Gate And Post, Add	*814.49*	
		For 1" Mesh Fabric, Add	*1,362.71*	
		For 1-1/4" Mesh Fabric, Add	*877.15*	
		For 1-3/4" Mesh Fabric, Add	*545.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-272.54*	
32 31 13 13-0303	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,803.42	118.84
		For Gate With Single Barb Wire Arm, Add	*379.12*	
		For Gate With Double Barb Wire Arm, Add	*551.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-646.23*	
		For Aluminized Steel Gate And Post, Add	*1,654.34*	
		For Powder Coated Gate And Post, Add	*896.10*	
		For 1" Mesh Fabric, Add	*1,499.25*	
		For 1-1/4" Mesh Fabric, Add	*965.03*	
		For 1-3/4" Mesh Fabric, Add	*599.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.85*	
32 31 13 13-0304	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,143.60	129.68
		For Gate With Single Barb Wire Arm, Add	*412.97*	
		For Gate With Double Barb Wire Arm, Add	*600.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-703.93*	
		For Aluminized Steel Gate And Post, Add	*1,802.05*	
		For Powder Coated Gate And Post, Add	*976.11*	
		For 1" Mesh Fabric, Add	*1,633.11*	
		For 1-1/4" Mesh Fabric, Add	*1,051.20*	
		For 1-3/4" Mesh Fabric, Add	*653.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.62*	
32 31 13 13-0305	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,502.57	142.66
		For Gate With Single Barb Wire Arm, Add	*448.18*	
		For Gate With Double Barb Wire Arm, Add	*651.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-763.94*	
		For Aluminized Steel Gate And Post, Add	*1,955.67*	
		For Powder Coated Gate And Post, Add	*1,059.32*	
		For 1" Mesh Fabric, Add	*1,772.33*	
		For 1-1/4" Mesh Fabric, Add	*1,140.81*	
		For 1-3/4" Mesh Fabric, Add	*708.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.47*	
32 31 13 13-0306	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,860.15	158.45
		For Gate With Single Barb Wire Arm, Add	*482.28*	
		For Gate With Double Barb Wire Arm, Add	*701.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-822.06*	
		For Aluminized Steel Gate And Post, Add	*2,104.47*	
		For Powder Coated Gate And Post, Add	*1,139.92*	
		For 1" Mesh Fabric, Add	*1,907.18*	
		For 1-1/4" Mesh Fabric, Add	*1,227.61*	
		For 1-3/4" Mesh Fabric, Add	*762.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-381.44*	
32 31 13 13-0307	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	5,225.08	178.26
		For Gate With Single Barb Wire Arm, Add	*515.87*	
		For Gate With Double Barb Wire Arm, Add	*750.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-879.33*	
		For Aluminized Steel Gate And Post, Add	*2,251.09*	
		For Powder Coated Gate And Post, Add	*1,219.34*	
		For 1" Mesh Fabric, Add	*2,040.05*	
		For 1-1/4" Mesh Fabric, Add	*1,313.14*	
		For 1-3/4" Mesh Fabric, Add	*816.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-408.01*	

32 31 13 13-0308 6' Fence Height *(32 31 13 13-0267)*

32 31 13 13-0309	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	517.07	32.95
		For Gate With Single Barb Wire Arm, Add	*45.98*	
		For Gate With Double Barb Wire Arm, Add	*66.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.38*	
		For Aluminized Steel Gate And Post, Add	*200.64*	
		For Powder Coated Gate And Post, Add	*108.68*	
		For 1" Mesh Fabric, Add	*181.83*	
		For 1-1/4" Mesh Fabric, Add	*117.04*	
		For 1-3/4" Mesh Fabric, Add	*72.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.37*	
32 31 13 13-0310	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	655.54	32.95
		For Gate With Single Barb Wire Arm, Add	*61.21*	
		For Gate With Double Barb Wire Arm, Add	*89.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.34*	
		For Aluminized Steel Gate And Post, Add	*267.11*	
		For Powder Coated Gate And Post, Add	*144.68*	
		For 1" Mesh Fabric, Add	*242.06*	
		For 1-1/4" Mesh Fabric, Add	*155.81*	
		For 1-3/4" Mesh Fabric, Add	*96.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0311	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	767.57	35.02
		For Gate With Single Barb Wire Arm, Add	*72.86*	
		For Gate With Double Barb Wire Arm, Add	*105.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.20*	
		For Aluminized Steel Gate And Post, Add	*317.94*	
		For Powder Coated Gate And Post, Add	*172.22*	
		For 1" Mesh Fabric, Add	*288.14*	
		For 1-1/4" Mesh Fabric, Add	*185.47*	
		For 1-3/4" Mesh Fabric, Add	*115.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.63*	
32 31 13 13-0312	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	891.33	42.30
		For Gate With Single Barb Wire Arm, Add	*84.06*	
		For Gate With Double Barb Wire Arm, Add	*122.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.29*	
		For Aluminized Steel Gate And Post, Add	*366.81*	
		For Powder Coated Gate And Post, Add	*198.69*	
		For 1" Mesh Fabric, Add	*332.42*	
		For 1-1/4" Mesh Fabric, Add	*213.97*	
		For 1-3/4" Mesh Fabric, Add	*132.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.48*	
32 31 13 13-0313	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,020.99	49.70
		For Gate With Single Barb Wire Arm, Add	*95.91*	
		For Gate With Double Barb Wire Arm, Add	*139.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.48*	
		For Aluminized Steel Gate And Post, Add	*418.51*	
		For Powder Coated Gate And Post, Add	*226.69*	
		For 1" Mesh Fabric, Add	*379.28*	
		For 1-1/4" Mesh Fabric, Add	*244.13*	
		For 1-3/4" Mesh Fabric, Add	*151.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.86*	
32 31 13 13-0314	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,144.36	56.64
		For Gate With Single Barb Wire Arm, Add	*107.19*	
		For Gate With Double Barb Wire Arm, Add	*155.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-182.71*	
		For Aluminized Steel Gate And Post, Add	*467.75*	
		For Powder Coated Gate And Post, Add	*253.36*	
		For 1" Mesh Fabric, Add	*423.89*	
		For 1-1/4" Mesh Fabric, Add	*272.85*	
		For 1-3/4" Mesh Fabric, Add	*169.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.78*	
32 31 13 13-0315	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,268.92	63.91
		For Gate With Single Barb Wire Arm, Add	*118.48*	
		For Gate With Double Barb Wire Arm, Add	*172.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.95*	
		For Aluminized Steel Gate And Post, Add	*516.98*	
		For Powder Coated Gate And Post, Add	*280.03*	
		For 1" Mesh Fabric, Add	*468.52*	
		For 1-1/4" Mesh Fabric, Add	*301.57*	
		For 1-3/4" Mesh Fabric, Add	*187.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.70*	
32 31 13 13-0316	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,347.27	71.20
		For Gate With Single Barb Wire Arm, Add	*124.68*	
		For Gate With Double Barb Wire Arm, Add	*181.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.52*	
		For Aluminized Steel Gate And Post, Add	*544.06*	
		For Powder Coated Gate And Post, Add	*294.70*	
		For 1" Mesh Fabric, Add	*493.06*	
		For 1-1/4" Mesh Fabric, Add	*317.37*	
		For 1-3/4" Mesh Fabric, Add	*197.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.61*	
32 31 13 13-0317	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,881.27	71.08
		For Gate With Single Barb Wire Arm, Add	*183.47*	
		For Gate With Double Barb Wire Arm, Add	*266.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-312.73*	
		For Aluminized Steel Gate And Post, Add	*800.59*	
		For Powder Coated Gate And Post, Add	*433.65*	
		For 1" Mesh Fabric, Add	*725.53*	
		For 1-1/4" Mesh Fabric, Add	*467.01*	
		For 1-3/4" Mesh Fabric, Add	*290.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-145.11*	
32 31 13 13-0318	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,231.39	76.97
		For Gate With Single Barb Wire Arm, Add	*220.03*	
		For Gate With Double Barb Wire Arm, Add	*320.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-375.04*	
		For Aluminized Steel Gate And Post, Add	*960.11*	
		For Powder Coated Gate And Post, Add	*520.06*	
		For 1" Mesh Fabric, Add	*870.10*	
		For 1-1/4" Mesh Fabric, Add	*560.06*	
		For 1-3/4" Mesh Fabric, Add	*348.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-174.02*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0319	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,644.63	101.84
		For Gate With Single Barb Wire Arm, Add	*257.26*	
		For Gate With Double Barb Wire Arm, Add	*374.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.51*	
		For Aluminized Steel Gate And Post, Add	*1,122.59*	
		For Powder Coated Gate And Post, Add	*608.07*	
		For 1" Mesh Fabric, Add	*1,017.35*	
		For 1-1/4" Mesh Fabric, Add	*654.84*	
		For 1-3/4" Mesh Fabric, Add	*406.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.47*	
32 31 13 13-0320	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,000.50	109.74
		For Gate With Single Barb Wire Arm, Add	*293.82*	
		For Gate With Double Barb Wire Arm, Add	*427.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-500.83*	
		For Aluminized Steel Gate And Post, Add	*1,282.12*	
		For Powder Coated Gate And Post, Add	*694.48*	
		For 1" Mesh Fabric, Add	*1,161.92*	
		For 1-1/4" Mesh Fabric, Add	*747.90*	
		For 1-3/4" Mesh Fabric, Add	*464.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-232.38*	
32 31 13 13-0321	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,366.45	118.84
		For Gate With Single Barb Wire Arm, Add	*331.05*	
		For Gate With Double Barb Wire Arm, Add	*481.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-564.30*	
		For Aluminized Steel Gate And Post, Add	*1,444.60*	
		For Powder Coated Gate And Post, Add	*782.49*	
		For 1" Mesh Fabric, Add	*1,309.17*	
		For 1-1/4" Mesh Fabric, Add	*842.68*	
		For 1-3/4" Mesh Fabric, Add	*523.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.83*	
32 31 13 13-0322	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,737.40	129.68
		For Gate With Single Barb Wire Arm, Add	*368.29*	
		For Gate With Double Barb Wire Arm, Add	*535.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-627.77*	
		For Aluminized Steel Gate And Post, Add	*1,607.08*	
		For Powder Coated Gate And Post, Add	*870.50*	
		For 1" Mesh Fabric, Add	*1,456.41*	
		For 1-1/4" Mesh Fabric, Add	*937.46*	
		For 1-3/4" Mesh Fabric, Add	*582.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.28*	
32 31 13 13-0323	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,108.68	142.66
		For Gate With Single Barb Wire Arm, Add	*404.85*	
		For Gate With Double Barb Wire Arm, Add	*588.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-690.08*	
		For Aluminized Steel Gate And Post, Add	*1,766.61*	
		For Powder Coated Gate And Post, Add	*956.91*	
		For 1" Mesh Fabric, Add	*1,600.99*	
		For 1-1/4" Mesh Fabric, Add	*1,030.52*	
		For 1-3/4" Mesh Fabric, Add	*640.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-320.20*	
32 31 13 13-0324	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,491.68	158.45
		For Gate With Single Barb Wire Arm, Add	*441.74*	
		For Gate With Double Barb Wire Arm, Add	*642.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-752.97*	
		For Aluminized Steel Gate And Post, Add	*1,927.61*	
		For Powder Coated Gate And Post, Add	*1,044.12*	
		For 1" Mesh Fabric, Add	*1,746.89*	
		For 1-1/4" Mesh Fabric, Add	*1,124.44*	
		For 1-3/4" Mesh Fabric, Add	*698.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-349.38*	
32 31 13 13-0325	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,882.89	178.26
		For Gate With Single Barb Wire Arm, Add	*478.23*	
		For Gate With Double Barb Wire Arm, Add	*695.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-815.17*	
		For Aluminized Steel Gate And Post, Add	*2,086.84*	
		For Powder Coated Gate And Post, Add	*1,130.37*	
		For 1" Mesh Fabric, Add	*1,891.20*	
		For 1-1/4" Mesh Fabric, Add	*1,217.32*	
		For 1-3/4" Mesh Fabric, Add	*756.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-378.24*	
32 31 13 13-0326	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,295.40	203.69
		For Gate With Single Barb Wire Arm, Add	*515.20*	
		For Gate With Double Barb Wire Arm, Add	*749.38*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-878.18*	
		For Aluminized Steel Gate And Post, Add	*2,248.14*	
		For Powder Coated Gate And Post, Add	*1,217.74*	
		For 1" Mesh Fabric, Add	*2,037.37*	
		For 1-1/4" Mesh Fabric, Add	*1,311.41*	
		For 1-3/4" Mesh Fabric, Add	*814.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-407.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0327	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,734.02	237.68
		For Gate With Single Barb Wire Arm, Add	*552.23*	
		For Gate With Double Barb Wire Arm, Add	*803.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-941.30*	
		For Aluminized Steel Gate And Post, Add	*2,409.73*	
		For Powder Coated Gate And Post, Add	*1,305.27*	
		For 1" Mesh Fabric, Add	*2,183.82*	
		For 1-1/4" Mesh Fabric, Add	*1,405.68*	
		For 1-3/4" Mesh Fabric, Add	*873.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-436.76*	
32 31 13 13-0328		**7' Fence Height** *(32 31 13 13-0267)*		
32 31 13 13-0329	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	542.64	35.48
		For Gate With Single Barb Wire Arm, Add	*47.95*	
		For Gate With Double Barb Wire Arm, Add	*69.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.74*	
		For Aluminized Steel Gate And Post, Add	*209.26*	
		For Powder Coated Gate And Post, Add	*113.35*	
		For 1" Mesh Fabric, Add	*189.64*	
		For 1-1/4" Mesh Fabric, Add	*122.07*	
		For 1-3/4" Mesh Fabric, Add	*75.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.93*	
32 31 13 13-0330	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	686.24	35.48
		For Gate With Single Barb Wire Arm, Add	*63.75*	
		For Gate With Double Barb Wire Arm, Add	*92.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.67*	
		For Aluminized Steel Gate And Post, Add	*278.18*	
		For Powder Coated Gate And Post, Add	*150.68*	
		For 1" Mesh Fabric, Add	*252.10*	
		For 1-1/4" Mesh Fabric, Add	*162.27*	
		For 1-3/4" Mesh Fabric, Add	*100.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.42*	
32 31 13 13-0331	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	807.99	37.34
		For Gate With Single Barb Wire Arm, Add	*76.55*	
		For Gate With Double Barb Wire Arm, Add	*111.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.48*	
		For Aluminized Steel Gate And Post, Add	*334.02*	
		For Powder Coated Gate And Post, Add	*180.93*	
		For 1" Mesh Fabric, Add	*302.71*	
		For 1-1/4" Mesh Fabric, Add	*194.85*	
		For 1-3/4" Mesh Fabric, Add	*121.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.54*	
32 31 13 13-0332	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	990.22	45.42
		For Gate With Single Barb Wire Arm, Add	*93.92*	
		For Gate With Double Barb Wire Arm, Add	*136.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.10*	
		For Aluminized Steel Gate And Post, Add	*409.84*	
		For Powder Coated Gate And Post, Add	*222.00*	
		For 1" Mesh Fabric, Add	*371.42*	
		For 1-1/4" Mesh Fabric, Add	*239.08*	
		For 1-3/4" Mesh Fabric, Add	*148.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.28*	
32 31 13 13-0333	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,171.36	53.16
		For Gate With Single Barb Wire Arm, Add	*111.30*	
		For Gate With Double Barb Wire Arm, Add	*161.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.72*	
		For Aluminized Steel Gate And Post, Add	*485.69*	
		For Powder Coated Gate And Post, Add	*263.08*	
		For 1" Mesh Fabric, Add	*440.16*	
		For 1-1/4" Mesh Fabric, Add	*283.32*	
		For 1-3/4" Mesh Fabric, Add	*176.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.03*	
32 31 13 13-0334	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,353.60	61.15
		For Gate With Single Barb Wire Arm, Add	*128.68*	
		For Gate With Double Barb Wire Arm, Add	*187.17*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.34*	
		For Aluminized Steel Gate And Post, Add	*561.52*	
		For Powder Coated Gate And Post, Add	*304.16*	
		For 1" Mesh Fabric, Add	*508.88*	
		For 1-1/4" Mesh Fabric, Add	*327.55*	
		For 1-3/4" Mesh Fabric, Add	*203.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.78*	
32 31 13 13-0335	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,534.74	68.89
		For Gate With Single Barb Wire Arm, Add	*146.06*	
		For Gate With Double Barb Wire Arm, Add	*212.46*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.97*	
		For Aluminized Steel Gate And Post, Add	*637.37*	
		For Powder Coated Gate And Post, Add	*345.24*	
		For 1" Mesh Fabric, Add	*577.61*	
		For 1-1/4" Mesh Fabric, Add	*371.80*	
		For 1-3/4" Mesh Fabric, Add	*231.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.52*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0336	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,688.51	76.97
		For Gate With Single Barb Wire Arm, Add	*160.31*	
		For Gate With Double Barb Wire Arm, Add	*233.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-273.25*	
		For Aluminized Steel Gate And Post, Add	*699.53*	
		For Powder Coated Gate And Post, Add	*378.91*	
		For 1" Mesh Fabric, Add	*633.95*	
		For 1-1/4" Mesh Fabric, Add	*408.06*	
		For 1-3/4" Mesh Fabric, Add	*253.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-126.79*	
32 31 13 13-0337	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,144.11	76.97
		For Gate With Single Barb Wire Arm, Add	*210.42*	
		For Gate With Double Barb Wire Arm, Add	*306.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-358.68*	
		For Aluminized Steel Gate And Post, Add	*918.22*	
		For Powder Coated Gate And Post, Add	*497.37*	
		For 1" Mesh Fabric, Add	*832.13*	
		For 1-1/4" Mesh Fabric, Add	*535.63*	
		For 1-3/4" Mesh Fabric, Add	*332.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-166.43*	
32 31 13 13-0338	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,432.95	101.84
		For Gate With Single Barb Wire Arm, Add	*233.98*	
		For Gate With Double Barb Wire Arm, Add	*340.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-398.82*	
		For Aluminized Steel Gate And Post, Add	*1,020.98*	
		For Powder Coated Gate And Post, Add	*553.03*	
		For 1" Mesh Fabric, Add	*925.27*	
		For 1-1/4" Mesh Fabric, Add	*595.57*	
		For 1-3/4" Mesh Fabric, Add	*370.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-185.05*	
32 31 13 13-0339	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,810.98	109.74
		For Gate With Single Barb Wire Arm, Add	*272.97*	
		For Gate With Double Barb Wire Arm, Add	*397.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-465.29*	
		For Aluminized Steel Gate And Post, Add	*1,191.15*	
		For Powder Coated Gate And Post, Add	*645.21*	
		For 1" Mesh Fabric, Add	*1,079.48*	
		For 1-1/4" Mesh Fabric, Add	*694.84*	
		For 1-3/4" Mesh Fabric, Add	*431.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-215.90*	
32 31 13 13-0340	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,163.35	118.84
		For Gate With Single Barb Wire Arm, Add	*308.71*	
		For Gate With Double Barb Wire Arm, Add	*449.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-526.22*	
		For Aluminized Steel Gate And Post, Add	*1,347.11*	
		For Powder Coated Gate And Post, Add	*729.68*	
		For 1" Mesh Fabric, Add	*1,220.82*	
		For 1-1/4" Mesh Fabric, Add	*785.81*	
		For 1-3/4" Mesh Fabric, Add	*488.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-244.16*	
32 31 13 13-0341	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,552.76	129.68
		For Gate With Single Barb Wire Arm, Add	*347.98*	
		For Gate With Double Barb Wire Arm, Add	*506.15*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-593.15*	
		For Aluminized Steel Gate And Post, Add	*1,518.45*	
		For Powder Coated Gate And Post, Add	*822.49*	
		For 1" Mesh Fabric, Add	*1,376.10*	
		For 1-1/4" Mesh Fabric, Add	*885.76*	
		For 1-3/4" Mesh Fabric, Add	*550.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-275.22*	
32 31 13 13-0342	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,942.50	142.66
		For Gate With Single Barb Wire Arm, Add	*386.57*	
		For Gate With Double Barb Wire Arm, Add	*562.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-658.92*	
		For Aluminized Steel Gate And Post, Add	*1,686.84*	
		For Powder Coated Gate And Post, Add	*913.71*	
		For 1" Mesh Fabric, Add	*1,528.70*	
		For 1-1/4" Mesh Fabric, Add	*983.99*	
		For 1-3/4" Mesh Fabric, Add	*611.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-305.74*	
32 31 13 13-0343	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,340.89	158.45
		For Gate With Single Barb Wire Arm, Add	*425.16*	
		For Gate With Double Barb Wire Arm, Add	*618.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-724.70*	
		For Aluminized Steel Gate And Post, Add	*1,855.23*	
		For Powder Coated Gate And Post, Add	*1,004.92*	
		For 1" Mesh Fabric, Add	*1,681.30*	
		For 1-1/4" Mesh Fabric, Add	*1,082.22*	
		For 1-3/4" Mesh Fabric, Add	*672.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-336.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0344	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,751.18	178.26
		For Gate With Single Barb Wire Arm, Add	*463.75*	
		For Gate With Double Barb Wire Arm, Add	*674.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-790.48*	
		For Aluminized Steel Gate And Post, Add	*2,023.62*	
		For Powder Coated Gate And Post, Add	*1,096.13*	
		For 1" Mesh Fabric, Add	*1,833.90*	
		For 1-1/4" Mesh Fabric, Add	*1,180.44*	
		For 1-3/4" Mesh Fabric, Add	*733.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-366.78*	
32 31 13 13-0345	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,178.46	203.69
		For Gate With Single Barb Wire Arm, Add	*502.33*	
		For Gate With Double Barb Wire Arm, Add	*730.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-856.25*	
		For Aluminized Steel Gate And Post, Add	*2,192.01*	
		For Powder Coated Gate And Post, Add	*1,187.34*	
		For 1" Mesh Fabric, Add	*1,986.51*	
		For 1-1/4" Mesh Fabric, Add	*1,278.67*	
		For 1-3/4" Mesh Fabric, Add	*794.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.30*	
32 31 13 13-0346	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,631.24	237.68
		For Gate With Single Barb Wire Arm, Add	*540.92*	
		For Gate With Double Barb Wire Arm, Add	*786.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-922.03*	
		For Aluminized Steel Gate And Post, Add	*2,360.40*	
		For Powder Coated Gate And Post, Add	*1,278.55*	
		For 1" Mesh Fabric, Add	*2,139.11*	
		For 1-1/4" Mesh Fabric, Add	*1,376.90*	
		For 1-3/4" Mesh Fabric, Add	*855.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-427.82*	
32 31 13 13-0347	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	6,124.79	285.19
		For Gate With Single Barb Wire Arm, Add	*579.51*	
		For Gate With Double Barb Wire Arm, Add	*842.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-987.81*	
		For Aluminized Steel Gate And Post, Add	*2,528.78*	
		For Powder Coated Gate And Post, Add	*1,369.76*	
		For 1" Mesh Fabric, Add	*2,291.71*	
		For 1-1/4" Mesh Fabric, Add	*1,475.12*	
		For 1-3/4" Mesh Fabric, Add	*916.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-458.34*	
32 31 13 13-0348		**8' Fence Height** *(32 31 13 13-0267)*		
32 31 13 13-0349	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	636.23	38.49
		For Gate With Single Barb Wire Arm, Add	*57.27*	
		For Gate With Double Barb Wire Arm, Add	*83.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.62*	
		For Aluminized Steel Gate And Post, Add	*249.91*	
		For Powder Coated Gate And Post, Add	*135.37*	
		For 1" Mesh Fabric, Add	*226.48*	
		For 1-1/4" Mesh Fabric, Add	*145.78*	
		For 1-3/4" Mesh Fabric, Add	*90.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.30*	
32 31 13 13-0350	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	809.78	38.49
		For Gate With Single Barb Wire Arm, Add	*76.36*	
		For Gate With Double Barb Wire Arm, Add	*111.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.16*	
		For Aluminized Steel Gate And Post, Add	*333.22*	
		For Powder Coated Gate And Post, Add	*180.49*	
		For 1" Mesh Fabric, Add	*301.98*	
		For 1-1/4" Mesh Fabric, Add	*194.38*	
		For 1-3/4" Mesh Fabric, Add	*120.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.40*	
32 31 13 13-0351	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	945.33	42.88
		For Gate With Single Barb Wire Arm, Add	*89.81*	
		For Gate With Double Barb Wire Arm, Add	*130.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.08*	
		For Aluminized Steel Gate And Post, Add	*391.90*	
		For Powder Coated Gate And Post, Add	*212.28*	
		For 1" Mesh Fabric, Add	*355.16*	
		For 1-1/4" Mesh Fabric, Add	*228.61*	
		For 1-3/4" Mesh Fabric, Add	*142.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.03*	
32 31 13 13-0352	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,084.35	48.54
		For Gate With Single Barb Wire Arm, Add	*103.26*	
		For Gate With Double Barb Wire Arm, Add	*150.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-176.01*	
		For Aluminized Steel Gate And Post, Add	*450.59*	
		For Powder Coated Gate And Post, Add	*244.07*	
		For 1" Mesh Fabric, Add	*408.34*	
		For 1-1/4" Mesh Fabric, Add	*262.84*	
		For 1-3/4" Mesh Fabric, Add	*163.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.67*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0353	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,236.67	58.48
		For Gate With Single Barb Wire Arm, Add	*116.71*	
		For Gate With Double Barb Wire Arm, Add	*169.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.94*	
		For Aluminized Steel Gate And Post, Add	*509.28*	
		For Powder Coated Gate And Post, Add	*275.86*	
		For 1" Mesh Fabric, Add	*461.53*	
		For 1-1/4" Mesh Fabric, Add	*297.08*	
		For 1-3/4" Mesh Fabric, Add	*184.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.31*	
32 31 13 13-0354	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,387.85	68.08
		For Gate With Single Barb Wire Arm, Add	*130.16*	
		For Gate With Double Barb Wire Arm, Add	*189.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-221.86*	
		For Aluminized Steel Gate And Post, Add	*567.97*	
		For Powder Coated Gate And Post, Add	*307.65*	
		For 1" Mesh Fabric, Add	*514.72*	
		For 1-1/4" Mesh Fabric, Add	*331.32*	
		For 1-3/4" Mesh Fabric, Add	*205.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.94*	
32 31 13 13-0355	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,540.18	78.13
		For Gate With Single Barb Wire Arm, Add	*143.61*	
		For Gate With Double Barb Wire Arm, Add	*208.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-244.79*	
		For Aluminized Steel Gate And Post, Add	*626.66*	
		For Powder Coated Gate And Post, Add	*339.44*	
		For 1" Mesh Fabric, Add	*567.91*	
		For 1-1/4" Mesh Fabric, Add	*365.55*	
		For 1-3/4" Mesh Fabric, Add	*227.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-113.58*	
32 31 13 13-0356	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,692.48	88.19
		For Gate With Single Barb Wire Arm, Add	*157.06*	
		For Gate With Double Barb Wire Arm, Add	*228.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-267.71*	
		For Aluminized Steel Gate And Post, Add	*685.35*	
		For Powder Coated Gate And Post, Add	*371.23*	
		For 1" Mesh Fabric, Add	*621.10*	
		For 1-1/4" Mesh Fabric, Add	*399.79*	
		For 1-3/4" Mesh Fabric, Add	*248.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-124.22*	
32 31 13 13-0357	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,447.64	101.84
		For Gate With Single Barb Wire Arm, Add	*235.59*	
		For Gate With Double Barb Wire Arm, Add	*342.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-401.58*	
		For Aluminized Steel Gate And Post, Add	*1,028.04*	
		For Powder Coated Gate And Post, Add	*556.85*	
		For 1" Mesh Fabric, Add	*931.66*	
		For 1-1/4" Mesh Fabric, Add	*599.69*	
		For 1-3/4" Mesh Fabric, Add	*372.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-186.33*	
32 31 13 13-0358	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,883.56	109.74
		For Gate With Single Barb Wire Arm, Add	*280.96*	
		For Gate With Double Barb Wire Arm, Add	*408.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-478.90*	
		For Aluminized Steel Gate And Post, Add	*1,225.99*	
		For Powder Coated Gate And Post, Add	*664.08*	
		For 1" Mesh Fabric, Add	*1,111.05*	
		For 1-1/4" Mesh Fabric, Add	*715.16*	
		For 1-3/4" Mesh Fabric, Add	*444.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-222.21*	
32 31 13 13-0359	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,329.52	118.84
		For Gate With Single Barb Wire Arm, Add	*326.99*	
		For Gate With Double Barb Wire Arm, Add	*475.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-557.37*	
		For Aluminized Steel Gate And Post, Add	*1,426.87*	
		For Powder Coated Gate And Post, Add	*772.89*	
		For 1" Mesh Fabric, Add	*1,293.10*	
		For 1-1/4" Mesh Fabric, Add	*832.34*	
		For 1-3/4" Mesh Fabric, Add	*517.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-258.62*	
32 31 13 13-0360	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,792.79	129.68
		For Gate With Single Barb Wire Arm, Add	*374.38*	
		For Gate With Double Barb Wire Arm, Add	*544.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-638.15*	
		For Aluminized Steel Gate And Post, Add	*1,633.67*	
		For Powder Coated Gate And Post, Add	*884.90*	
		For 1" Mesh Fabric, Add	*1,480.51*	
		For 1-1/4" Mesh Fabric, Add	*952.97*	
		For 1-3/4" Mesh Fabric, Add	*592.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-296.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0361	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,262.54	142.66
		For Gate With Single Barb Wire Arm, Add	*421.77*	
		For Gate With Double Barb Wire Arm, Add	*613.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-718.93*	
		For Aluminized Steel Gate And Post, Add	*1,840.46*	
		For Powder Coated Gate And Post, Add	*996.92*	
		For 1" Mesh Fabric, Add	*1,667.92*	
		For 1-1/4" Mesh Fabric, Add	*1,073.60*	
		For 1-3/4" Mesh Fabric, Add	*667.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-333.58*	
32 31 13 13-0362	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,734.79	158.45
		For Gate With Single Barb Wire Arm, Add	*468.49*	
		For Gate With Double Barb Wire Arm, Add	*681.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-798.56*	
		For Aluminized Steel Gate And Post, Add	*2,044.30*	
		For Powder Coated Gate And Post, Add	*1,107.33*	
		For 1" Mesh Fabric, Add	*1,852.65*	
		For 1-1/4" Mesh Fabric, Add	*1,192.51*	
		For 1-3/4" Mesh Fabric, Add	*741.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-370.53*	
32 31 13 13-0363	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,212.78	178.26
		For Gate With Single Barb Wire Arm, Add	*514.52*	
		For Gate With Double Barb Wire Arm, Add	*748.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-877.03*	
		For Aluminized Steel Gate And Post, Add	*2,245.19*	
		For Powder Coated Gate And Post, Add	*1,216.14*	
		For 1" Mesh Fabric, Add	*2,034.70*	
		For 1-1/4" Mesh Fabric, Add	*1,309.69*	
		For 1-3/4" Mesh Fabric, Add	*813.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-406.94*	
32 31 13 13-0364	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,720.06	203.69
		For Gate With Single Barb Wire Arm, Add	*561.91*	
		For Gate With Double Barb Wire Arm, Add	*817.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-957.80*	
		For Aluminized Steel Gate And Post, Add	*2,451.97*	
		For Powder Coated Gate And Post, Add	*1,328.15*	
		For 1" Mesh Fabric, Add	*2,222.10*	
		For 1-1/4" Mesh Fabric, Add	*1,430.32*	
		For 1-3/4" Mesh Fabric, Add	*888.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-444.42*	
32 31 13 13-0365	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,252.85	237.68
		For Gate With Single Barb Wire Arm, Add	*609.30*	
		For Gate With Double Barb Wire Arm, Add	*886.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,038.58*	
		For Aluminized Steel Gate And Post, Add	*2,658.77*	
		For Powder Coated Gate And Post, Add	*1,440.17*	
		For 1" Mesh Fabric, Add	*2,409.51*	
		For 1-1/4" Mesh Fabric, Add	*1,550.95*	
		For 1-3/4" Mesh Fabric, Add	*963.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-481.90*	
32 31 13 13-0366	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,820.26	285.19
		For Gate With Single Barb Wire Arm, Add	*656.01*	
		For Gate With Double Barb Wire Arm, Add	*954.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,118.21*	
		For Aluminized Steel Gate And Post, Add	*2,862.61*	
		For Powder Coated Gate And Post, Add	*1,550.58*	
		For 1" Mesh Fabric, Add	*2,594.24*	
		For 1-1/4" Mesh Fabric, Add	*1,669.86*	
		For 1-3/4" Mesh Fabric, Add	*1,037.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-518.85*	
32 31 13 13-0367	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	7,459.05	356.52
		For Gate With Single Barb Wire Arm, Add	*702.73*	
		For Gate With Double Barb Wire Arm, Add	*1,022.15*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,197.83*	
		For Aluminized Steel Gate And Post, Add	*3,066.45*	
		For Powder Coated Gate And Post, Add	*1,660.99*	
		For 1" Mesh Fabric, Add	*2,778.97*	
		For 1-1/4" Mesh Fabric, Add	*1,788.76*	
		For 1-3/4" Mesh Fabric, Add	*1,111.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-555.79*	

32 31 13 13-0368 10' Fence Height *(32 31 13 13-0267)*

32 31 13 13-0369	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	801.69	42.77
		For Gate With Single Barb Wire Arm, Add	*74.06*	
		For Gate With Double Barb Wire Arm, Add	*107.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.24*	
		For Aluminized Steel Gate And Post, Add	*323.17*	
		For Powder Coated Gate And Post, Add	*175.05*	
		For 1" Mesh Fabric, Add	*292.87*	
		For 1-1/4" Mesh Fabric, Add	*188.52*	
		For 1-3/4" Mesh Fabric, Add	*117.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.57*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0370	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,026.11	42.77
		For Gate With Single Barb Wire Arm, Add	*98.75*	
		For Gate With Double Barb Wire Arm, Add	*143.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.32*	
		For Aluminized Steel Gate And Post, Add	*430.89*	
		For Powder Coated Gate And Post, Add	*233.40*	
		For 1" Mesh Fabric, Add	*390.50*	
		For 1-1/4" Mesh Fabric, Add	*251.35*	
		For 1-3/4" Mesh Fabric, Add	*156.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.10*	
32 31 13 13-0371	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,189.88	44.61
		For Gate With Single Barb Wire Arm, Add	*116.14*	
		For Gate With Double Barb Wire Arm, Add	*168.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.96*	
		For Aluminized Steel Gate And Post, Add	*506.79*	
		For Powder Coated Gate And Post, Add	*274.51*	
		For 1" Mesh Fabric, Add	*459.28*	
		For 1-1/4" Mesh Fabric, Add	*295.63*	
		For 1-3/4" Mesh Fabric, Add	*183.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.86*	
32 31 13 13-0372	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,380.37	55.47
		For Gate With Single Barb Wire Arm, Add	*133.53*	
		For Gate With Double Barb Wire Arm, Add	*194.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-227.61*	
		For Aluminized Steel Gate And Post, Add	*582.69*	
		For Powder Coated Gate And Post, Add	*315.62*	
		For 1" Mesh Fabric, Add	*528.06*	
		For 1-1/4" Mesh Fabric, Add	*339.90*	
		For 1-3/4" Mesh Fabric, Add	*211.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.61*	
32 31 13 13-0373	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,570.15	65.77
		For Gate With Single Barb Wire Arm, Add	*150.92*	
		For Gate With Double Barb Wire Arm, Add	*219.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.25*	
		For Aluminized Steel Gate And Post, Add	*658.56*	
		For Powder Coated Gate And Post, Add	*356.72*	
		For 1" Mesh Fabric, Add	*596.82*	
		For 1-1/4" Mesh Fabric, Add	*384.16*	
		For 1-3/4" Mesh Fabric, Add	*238.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.36*	
32 31 13 13-0374	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,760.13	76.63
		For Gate With Single Barb Wire Arm, Add	*168.31*	
		For Gate With Double Barb Wire Arm, Add	*244.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-286.90*	
		For Aluminized Steel Gate And Post, Add	*734.46*	
		For Powder Coated Gate And Post, Add	*397.83*	
		For 1" Mesh Fabric, Add	*665.61*	
		For 1-1/4" Mesh Fabric, Add	*428.44*	
		For 1-3/4" Mesh Fabric, Add	*266.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.12*	
32 31 13 13-0375	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,949.45	87.04
		For Gate With Single Barb Wire Arm, Add	*185.71*	
		For Gate With Double Barb Wire Arm, Add	*270.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-316.55*	
		For Aluminized Steel Gate And Post, Add	*810.36*	
		For Powder Coated Gate And Post, Add	*438.95*	
		For 1" Mesh Fabric, Add	*734.39*	
		For 1-1/4" Mesh Fabric, Add	*472.71*	
		For 1-3/4" Mesh Fabric, Add	*293.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-146.88*	
32 31 13 13-0376	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	2,139.95	97.79
		For Gate With Single Barb Wire Arm, Add	*203.10*	
		For Gate With Double Barb Wire Arm, Add	*295.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.19*	
		For Aluminized Steel Gate And Post, Add	*886.26*	
		For Powder Coated Gate And Post, Add	*480.06*	
		For 1" Mesh Fabric, Add	*803.17*	
		For 1-1/4" Mesh Fabric, Add	*516.98*	
		For 1-3/4" Mesh Fabric, Add	*321.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.63*	
32 31 13 13-0377	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,109.41	113.22
		For Gate With Single Barb Wire Arm, Add	*304.65*	
		For Gate With Double Barb Wire Arm, Add	*443.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-519.29*	
		For Aluminized Steel Gate And Post, Add	*1,329.37*	
		For Powder Coated Gate And Post, Add	*720.08*	
		For 1" Mesh Fabric, Add	*1,204.75*	
		For 1-1/4" Mesh Fabric, Add	*775.47*	
		For 1-3/4" Mesh Fabric, Add	*481.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0378	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,381.68	121.78
		For Gate With Single Barb Wire Arm, Add	*331.74*	
		For Gate With Double Barb Wire Arm, Add	*482.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-565.46*	
		For Aluminized Steel Gate And Post, Add	*1,447.57*	
		For Powder Coated Gate And Post, Add	*784.10*	
		For 1" Mesh Fabric, Add	*1,311.86*	
		For 1-1/4" Mesh Fabric, Add	*844.42*	
		For 1-3/4" Mesh Fabric, Add	*524.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.37*	
32 31 13 13-0379	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,855.38	132.09
		For Gate With Single Barb Wire Arm, Add	*380.47*	
		For Gate With Double Barb Wire Arm, Add	*553.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-648.54*	
		For Aluminized Steel Gate And Post, Add	*1,660.25*	
		For Powder Coated Gate And Post, Add	*899.30*	
		For 1" Mesh Fabric, Add	*1,504.60*	
		For 1-1/4" Mesh Fabric, Add	*968.48*	
		For 1-3/4" Mesh Fabric, Add	*601.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-300.92*	
32 31 13 13-0380	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,383.63	143.99
		For Gate With Single Barb Wire Arm, Add	*434.64*	
		For Gate With Double Barb Wire Arm, Add	*632.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-740.86*	
		For Aluminized Steel Gate And Post, Add	*1,896.59*	
		For Powder Coated Gate And Post, Add	*1,027.32*	
		For 1" Mesh Fabric, Add	*1,718.79*	
		For 1-1/4" Mesh Fabric, Add	*1,106.34*	
		For 1-3/4" Mesh Fabric, Add	*687.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-343.76*	
32 31 13 13-0381	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,919.42	158.45
		For Gate With Single Barb Wire Arm, Add	*488.79*	
		For Gate With Double Barb Wire Arm, Add	*710.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-833.17*	
		For Aluminized Steel Gate And Post, Add	*2,132.92*	
		For Powder Coated Gate And Post, Add	*1,155.33*	
		For 1" Mesh Fabric, Add	*1,932.96*	
		For 1-1/4" Mesh Fabric, Add	*1,244.21*	
		For 1-3/4" Mesh Fabric, Add	*773.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-386.59*	
32 31 13 13-0382	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,467.47	175.99
		For Gate With Single Barb Wire Arm, Add	*543.29*	
		For Gate With Double Barb Wire Arm, Add	*790.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-926.07*	
		For Aluminized Steel Gate And Post, Add	*2,370.73*	
		For Powder Coated Gate And Post, Add	*1,284.15*	
		For 1" Mesh Fabric, Add	*2,148.48*	
		For 1-1/4" Mesh Fabric, Add	*1,382.93*	
		For 1-3/4" Mesh Fabric, Add	*859.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-429.70*	
32 31 13 13-0383	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,029.27	198.07
		For Gate With Single Barb Wire Arm, Add	*597.79*	
		For Gate With Double Barb Wire Arm, Add	*869.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,018.97*	
		For Aluminized Steel Gate And Post, Add	*2,608.55*	
		For Powder Coated Gate And Post, Add	*1,412.96*	
		For 1" Mesh Fabric, Add	*2,364.00*	
		For 1-1/4" Mesh Fabric, Add	*1,521.65*	
		For 1-3/4" Mesh Fabric, Add	*945.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-472.80*	
32 31 13 13-0384	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,606.17	226.17
		For Gate With Single Barb Wire Arm, Add	*651.95*	
		For Gate With Double Barb Wire Arm, Add	*948.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,111.28*	
		For Aluminized Steel Gate And Post, Add	*2,844.88*	
		For Powder Coated Gate And Post, Add	*1,540.98*	
		For 1" Mesh Fabric, Add	*2,578.18*	
		For 1-1/4" Mesh Fabric, Add	*1,659.52*	
		For 1-3/4" Mesh Fabric, Add	*1,031.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-515.64*	
32 31 13 13-0385	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,212.26	264.04
		For Gate With Single Barb Wire Arm, Add	*706.11*	
		For Gate With Double Barb Wire Arm, Add	*1,027.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,203.60*	
		For Aluminized Steel Gate And Post, Add	*3,081.22*	
		For Powder Coated Gate And Post, Add	*1,668.99*	
		For 1" Mesh Fabric, Add	*2,792.36*	
		For 1-1/4" Mesh Fabric, Add	*1,797.38*	
		For 1-3/4" Mesh Fabric, Add	*1,116.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-558.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0386	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,862.39	316.64
		For Gate With Single Barb Wire Arm, Add	*760.27*	
		For Gate With Double Barb Wire Arm, Add	*1,105.85*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,295.92*	
		For Aluminized Steel Gate And Post, Add	*3,317.55*	
		For Powder Coated Gate And Post, Add	*1,797.01*	
		For 1" Mesh Fabric, Add	*3,006.53*	
		For 1-1/4" Mesh Fabric, Add	*1,935.24*	
		For 1-3/4" Mesh Fabric, Add	*1,202.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-601.31*	
32 31 13 13-0387	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	8,599.66	396.13
		For Gate With Single Barb Wire Arm, Add	*815.11*	
		For Gate With Double Barb Wire Arm, Add	*1,185.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,389.39*	
		For Aluminized Steel Gate And Post, Add	*3,556.84*	
		For Powder Coated Gate And Post, Add	*1,926.62*	
		For 1" Mesh Fabric, Add	*3,223.39*	
		For 1-1/4" Mesh Fabric, Add	*2,074.83*	
		For 1-3/4" Mesh Fabric, Add	*1,289.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-644.68*	
32 31 13 13-0388		**12' Fence Height** *(32 31 13 13-0267)*		
32 31 13 13-0389	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,004.48	47.50
		For Gate With Single Barb Wire Arm, Add	*94.80*	
		For Gate With Double Barb Wire Arm, Add	*137.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.59*	
		For Aluminized Steel Gate And Post, Add	*413.66*	
		For Powder Coated Gate And Post, Add	*224.07*	
		For 1" Mesh Fabric, Add	*374.88*	
		For 1-1/4" Mesh Fabric, Add	*241.30*	
		For 1-3/4" Mesh Fabric, Add	*149.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.98*	
32 31 13 13-0390	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,291.72	47.50
		For Gate With Single Barb Wire Arm, Add	*126.39*	
		For Gate With Double Barb Wire Arm, Add	*183.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.44*	
		For Aluminized Steel Gate And Post, Add	*551.53*	
		For Powder Coated Gate And Post, Add	*298.75*	
		For 1" Mesh Fabric, Add	*499.83*	
		For 1-1/4" Mesh Fabric, Add	*321.73*	
		For 1-3/4" Mesh Fabric, Add	*199.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.97*	
32 31 13 13-0391	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,499.38	49.24
		For Gate With Single Barb Wire Arm, Add	*148.66*	
		For Gate With Double Barb Wire Arm, Add	*216.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.40*	
		For Aluminized Steel Gate And Post, Add	*648.69*	
		For Powder Coated Gate And Post, Add	*351.37*	
		For 1" Mesh Fabric, Add	*587.88*	
		For 1-1/4" Mesh Fabric, Add	*378.40*	
		For 1-3/4" Mesh Fabric, Add	*235.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.58*	
32 31 13 13-0392	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,737.59	61.15
		For Gate With Single Barb Wire Arm, Add	*170.92*	
		For Gate With Double Barb Wire Arm, Add	*248.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-291.34*	
		For Aluminized Steel Gate And Post, Add	*745.83*	
		For Powder Coated Gate And Post, Add	*403.99*	
		For 1" Mesh Fabric, Add	*675.91*	
		For 1-1/4" Mesh Fabric, Add	*435.07*	
		For 1-3/4" Mesh Fabric, Add	*270.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.18*	
32 31 13 13-0393	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	714.36	73.16
		For Gate With Single Barb Wire Arm, Add	*54.42*	
		For Gate With Double Barb Wire Arm, Add	*79.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.77*	
		For Aluminized Steel Gate And Post, Add	*237.48*	
		For Powder Coated Gate And Post, Add	*128.64*	
		For 1" Mesh Fabric, Add	*215.22*	
		For 1-1/4" Mesh Fabric, Add	*138.53*	
		For 1-3/4" Mesh Fabric, Add	*86.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.04*	
32 31 13 13-0394	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	806.05	84.73
		For Gate With Single Barb Wire Arm, Add	*60.69*	
		For Gate With Double Barb Wire Arm, Add	*88.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.46*	
		For Aluminized Steel Gate And Post, Add	*264.84*	
		For Powder Coated Gate And Post, Add	*143.46*	
		For 1" Mesh Fabric, Add	*240.02*	
		For 1-1/4" Mesh Fabric, Add	*154.49*	
		For 1-3/4" Mesh Fabric, Add	*96.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0395	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	898.89	96.63
		For Gate With Single Barb Wire Arm, Add	*66.97*	
		For Gate With Double Barb Wire Arm, Add	*97.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.15*	
		For Aluminized Steel Gate And Post, Add	*292.21*	
		For Powder Coated Gate And Post, Add	*158.28*	
		For 1" Mesh Fabric, Add	*264.82*	
		For 1-1/4" Mesh Fabric, Add	*170.46*	
		For 1-3/4" Mesh Fabric, Add	*105.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.96*	
32 31 13 13-0396	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	991.75	108.53
		For Gate With Single Barb Wire Arm, Add	*73.24*	
		For Gate With Double Barb Wire Arm, Add	*106.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.84*	
		For Aluminized Steel Gate And Post, Add	*319.58*	
		For Powder Coated Gate And Post, Add	*173.11*	
		For 1" Mesh Fabric, Add	*289.62*	
		For 1-1/4" Mesh Fabric, Add	*186.42*	
		For 1-3/4" Mesh Fabric, Add	*115.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.92*	
32 31 13 13-0397	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,305.27	125.80
		For Gate With Single Barb Wire Arm, Add	*102.04*	
		For Gate With Double Barb Wire Arm, Add	*148.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.93*	
		For Aluminized Steel Gate And Post, Add	*445.26*	
		For Powder Coated Gate And Post, Add	*241.18*	
		For 1" Mesh Fabric, Add	*403.52*	
		For 1-1/4" Mesh Fabric, Add	*259.74*	
		For 1-3/4" Mesh Fabric, Add	*161.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.70*	
32 31 13 13-0398	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,425.98	135.43
		For Gate With Single Barb Wire Arm, Add	*112.15*	
		For Gate With Double Barb Wire Arm, Add	*163.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-191.16*	
		For Aluminized Steel Gate And Post, Add	*489.37*	
		For Powder Coated Gate And Post, Add	*265.08*	
		For 1" Mesh Fabric, Add	*443.49*	
		For 1-1/4" Mesh Fabric, Add	*285.47*	
		For 1-3/4" Mesh Fabric, Add	*177.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.70*	
32 31 13 13-0399	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,609.22	146.68
		For Gate With Single Barb Wire Arm, Add	*128.55*	
		For Gate With Double Barb Wire Arm, Add	*186.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.12*	
		For Aluminized Steel Gate And Post, Add	*560.95*	
		For Powder Coated Gate And Post, Add	*303.85*	
		For 1" Mesh Fabric, Add	*508.36*	
		For 1-1/4" Mesh Fabric, Add	*327.22*	
		For 1-3/4" Mesh Fabric, Add	*203.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.67*	
32 31 13 13-0400	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,815.62	159.92
		For Gate With Single Barb Wire Arm, Add	*146.86*	
		For Gate With Double Barb Wire Arm, Add	*213.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-250.33*	
		For Aluminized Steel Gate And Post, Add	*640.84*	
		For Powder Coated Gate And Post, Add	*347.12*	
		For 1" Mesh Fabric, Add	*580.76*	
		For 1-1/4" Mesh Fabric, Add	*373.83*	
		For 1-3/4" Mesh Fabric, Add	*232.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.15*	
32 31 13 13-0401	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,858.29	176.12
		For Gate With Single Barb Wire Arm, Add	*586.28*	
		For Gate With Double Barb Wire Arm, Add	*852.78*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-999.35*	
		For Aluminized Steel Gate And Post, Add	*2,558.33*	
		For Powder Coated Gate And Post, Add	*1,385.76*	
		For 1" Mesh Fabric, Add	*2,318.48*	
		For 1-1/4" Mesh Fabric, Add	*1,492.36*	
		For 1-3/4" Mesh Fabric, Add	*927.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-463.70*	
32 31 13 13-0402	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,513.80	195.52
		For Gate With Single Barb Wire Arm, Add	*651.95*	
		For Gate With Double Barb Wire Arm, Add	*948.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,111.28*	
		For Aluminized Steel Gate And Post, Add	*2,844.88*	
		For Powder Coated Gate And Post, Add	*1,540.98*	
		For 1" Mesh Fabric, Add	*2,578.18*	
		For 1-1/4" Mesh Fabric, Add	*1,659.52*	
		For 1-3/4" Mesh Fabric, Add	*1,031.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-515.64*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0403	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,178.56	220.01
		For Gate With Single Barb Wire Arm, Add	*716.94*	
		For Gate With Double Barb Wire Arm, Add	*1,042.83*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,222.07*	
		For Aluminized Steel Gate And Post, Add	*3,128.49*	
		For Powder Coated Gate And Post, Add	*1,694.60*	
		For 1" Mesh Fabric, Add	*2,835.19*	
		For 1-1/4" Mesh Fabric, Add	*1,824.95*	
		For 1-3/4" Mesh Fabric, Add	*1,134.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-567.04*	
32 31 13 13-0404	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,869.48	251.33
		For Gate With Single Barb Wire Arm, Add	*782.61*	
		For Gate With Double Barb Wire Arm, Add	*1,138.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,334.00*	
		For Aluminized Steel Gate And Post, Add	*3,415.04*	
		For Powder Coated Gate And Post, Add	*1,849.81*	
		For 1" Mesh Fabric, Add	*3,094.88*	
		For 1-1/4" Mesh Fabric, Add	*1,992.11*	
		For 1-3/4" Mesh Fabric, Add	*1,237.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-618.98*	
32 31 13 13-0405	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,580.51	293.48
		For Gate With Single Barb Wire Arm, Add	*846.93*	
		For Gate With Double Barb Wire Arm, Add	*1,231.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,443.63*	
		For Aluminized Steel Gate And Post, Add	*3,695.69*	
		For Powder Coated Gate And Post, Add	*2,001.83*	
		For 1" Mesh Fabric, Add	*3,349.22*	
		For 1-1/4" Mesh Fabric, Add	*2,155.82*	
		For 1-3/4" Mesh Fabric, Add	*1,339.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-669.84*	
32 31 13 13-0406	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	9,346.65	351.83
		For Gate With Single Barb Wire Arm, Add	*911.92*	
		For Gate With Double Barb Wire Arm, Add	*1,326.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,554.41*	
		For Aluminized Steel Gate And Post, Add	*3,979.29*	
		For Powder Coated Gate And Post, Add	*2,155.45*	
		For 1" Mesh Fabric, Add	*3,606.23*	
		For 1-1/4" Mesh Fabric, Add	*2,321.25*	
		For 1-3/4" Mesh Fabric, Add	*1,442.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-721.25*	
32 31 13 13-0407	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	10,208.94	440.16
		For Gate With Single Barb Wire Arm, Add	*977.59*	
		For Gate With Double Barb Wire Arm, Add	*1,421.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,666.35*	
		For Aluminized Steel Gate And Post, Add	*4,265.85*	
		For Powder Coated Gate And Post, Add	*2,310.67*	
		For 1" Mesh Fabric, Add	*3,865.92*	
		For 1-1/4" Mesh Fabric, Add	*2,488.41*	
		For 1-3/4" Mesh Fabric, Add	*1,546.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-773.18*	

32 31 13 13-0408 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0266)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0409 4' Fence Height *(32 31 13 13-0408)*

32 31 13 13-0410	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	202.38	28.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.69*	
		For 1" Mesh Fabric, Add	*50.33*	
		For 1-1/4" Mesh Fabric, Add	*32.40*	
		For 1-3/4" Mesh Fabric, Add	*20.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-10.07*	
		For Gate With Single Barb Wire Arm, Add	*12.73*	
		For Gate With Double Barb Wire Arm, Add	*18.51*	
32 31 13 13-0411	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	240.94	28.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.92*	
		For 1" Mesh Fabric, Add	*67.10*	
		For 1-1/4" Mesh Fabric, Add	*43.19*	
		For 1-3/4" Mesh Fabric, Add	*26.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.42*	
		For Gate With Single Barb Wire Arm, Add	*16.97*	
		For Gate With Double Barb Wire Arm, Add	*24.68*	
32 31 13 13-0412	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	278.88	30.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.95*	
		For 1" Mesh Fabric, Add	*81.09*	
		For 1-1/4" Mesh Fabric, Add	*52.19*	
		For 1-3/4" Mesh Fabric, Add	*32.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.22*	
		For Gate With Single Barb Wire Arm, Add	*20.51*	
		For Gate With Double Barb Wire Arm, Add	*29.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0413	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	329.50	36.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.98*	
		For 1" Mesh Fabric, Add	*95.06*	
		For 1-1/4" Mesh Fabric, Add	*61.19*	
		For 1-3/4" Mesh Fabric, Add	*38.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.01*	
		For Gate With Single Barb Wire Arm, Add	*24.04*	
		For Gate With Double Barb Wire Arm, Add	*34.97*	
32 31 13 13-0414	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	380.13	43.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.00*	
		For 1" Mesh Fabric, Add	*109.05*	
		For 1-1/4" Mesh Fabric, Add	*70.19*	
		For 1-3/4" Mesh Fabric, Add	*43.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.81*	
		For Gate With Single Barb Wire Arm, Add	*27.57*	
		For Gate With Double Barb Wire Arm, Add	*40.11*	
32 31 13 13-0415	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	430.76	49.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.03*	
		For 1" Mesh Fabric, Add	*123.03*	
		For 1-1/4" Mesh Fabric, Add	*79.19*	
		For 1-3/4" Mesh Fabric, Add	*49.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.61*	
		For Gate With Single Barb Wire Arm, Add	*31.11*	
		For Gate With Double Barb Wire Arm, Add	*45.25*	
32 31 13 13-0416	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	481.40	55.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.06*	
		For 1" Mesh Fabric, Add	*137.01*	
		For 1-1/4" Mesh Fabric, Add	*88.19*	
		For 1-3/4" Mesh Fabric, Add	*54.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.40*	
		For Gate With Single Barb Wire Arm, Add	*34.65*	
		For Gate With Double Barb Wire Arm, Add	*50.39*	
32 31 13 13-0417	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	532.02	61.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-65.08*	
		For 1" Mesh Fabric, Add	*150.98*	
		For 1-1/4" Mesh Fabric, Add	*97.19*	
		For 1-3/4" Mesh Fabric, Add	*60.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.20*	
		For Gate With Single Barb Wire Arm, Add	*38.18*	
		For Gate With Double Barb Wire Arm, Add	*55.53*	
32 31 13 13-0418	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	647.73	61.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.78*	
		For 1" Mesh Fabric, Add	*201.32*	
		For 1-1/4" Mesh Fabric, Add	*129.58*	
		For 1-3/4" Mesh Fabric, Add	*80.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.26*	
		For Gate With Single Barb Wire Arm, Add	*50.91*	
		For Gate With Double Barb Wire Arm, Add	*74.05*	
32 31 13 13-0419	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	753.49	66.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.13*	
		For 1" Mesh Fabric, Add	*241.58*	
		For 1-1/4" Mesh Fabric, Add	*155.50*	
		For 1-3/4" Mesh Fabric, Add	*96.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.32*	
		For Gate With Single Barb Wire Arm, Add	*61.09*	
		For Gate With Double Barb Wire Arm, Add	*88.86*	
32 31 13 13-0420	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	861.29	71.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-121.48*	
		For 1" Mesh Fabric, Add	*281.84*	
		For 1-1/4" Mesh Fabric, Add	*181.41*	
		For 1-3/4" Mesh Fabric, Add	*112.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.37*	
		For Gate With Single Barb Wire Arm, Add	*71.27*	
		For Gate With Double Barb Wire Arm, Add	*103.67*	
32 31 13 13-0421	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	971.63	76.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.84*	
		For 1" Mesh Fabric, Add	*322.10*	
		For 1-1/4" Mesh Fabric, Add	*207.33*	
		For 1-3/4" Mesh Fabric, Add	*128.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.42*	
		For Gate With Single Barb Wire Arm, Add	*81.45*	
		For Gate With Double Barb Wire Arm, Add	*118.48*	
32 31 13 13-0422	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,118.53	95.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-156.19*	
		For 1" Mesh Fabric, Add	*362.37*	
		For 1-1/4" Mesh Fabric, Add	*233.25*	
		For 1-3/4" Mesh Fabric, Add	*144.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-72.47*	
		For Gate With Single Barb Wire Arm, Add	*91.63*	
		For Gate With Double Barb Wire Arm, Add	*133.28*	
32 31 13 13-0423	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,231.49	101.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.55*	
		For 1" Mesh Fabric, Add	*402.63*	
		For 1-1/4" Mesh Fabric, Add	*259.17*	
		For 1-3/4" Mesh Fabric, Add	*161.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.53*	
		For Gate With Single Barb Wire Arm, Add	*101.81*	
		For Gate With Double Barb Wire Arm, Add	*148.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0424	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,347.57	109.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.90*	
		For 1" Mesh Fabric, Add	*442.90*	
		For 1-1/4" Mesh Fabric, Add	*285.08*	
		For 1-3/4" Mesh Fabric, Add	*177.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.58*	
		For Gate With Single Barb Wire Arm, Add	*112.00*	
		For Gate With Double Barb Wire Arm, Add	*162.90*	
32 31 13 13-0425	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,467.58	118.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.26*	
		For 1" Mesh Fabric, Add	*483.16*	
		For 1-1/4" Mesh Fabric, Add	*311.00*	
		For 1-3/4" Mesh Fabric, Add	*193.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.63*	
		For Gate With Single Barb Wire Arm, Add	*122.18*	
		For Gate With Double Barb Wire Arm, Add	*177.71*	
32 31 13 13-0426	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,592.59	129.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.61*	
		For 1" Mesh Fabric, Add	*523.42*	
		For 1-1/4" Mesh Fabric, Add	*336.92*	
		For 1-3/4" Mesh Fabric, Add	*209.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.68*	
		For Gate With Single Barb Wire Arm, Add	*132.36*	
		For Gate With Double Barb Wire Arm, Add	*192.52*	
32 31 13 13-0427	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,724.08	142.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-242.97*	
		For 1" Mesh Fabric, Add	*563.69*	
		For 1-1/4" Mesh Fabric, Add	*362.83*	
		For 1-3/4" Mesh Fabric, Add	*225.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.74*	
		For Gate With Single Barb Wire Arm, Add	*142.54*	
		For Gate With Double Barb Wire Arm, Add	*207.33*	
32 31 13 13-0428	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,864.22	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-260.32*	
		For 1" Mesh Fabric, Add	*603.95*	
		For 1-1/4" Mesh Fabric, Add	*388.75*	
		For 1-3/4" Mesh Fabric, Add	*241.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.79*	
		For Gate With Single Barb Wire Arm, Add	*152.72*	
		For Gate With Double Barb Wire Arm, Add	*222.14*	

32 31 13 13-0429 5' Fence Height *(32 31 13 13-0408)*

32 31 13 13-0430	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	235.84	30.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.88*	
		For 1" Mesh Fabric, Add	*62.37*	
		For 1-1/4" Mesh Fabric, Add	*40.14*	
		For 1-3/4" Mesh Fabric, Add	*24.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.47*	
		For Gate With Single Barb Wire Arm, Add	*15.77*	
		For Gate With Double Barb Wire Arm, Add	*22.94*	
32 31 13 13-0431	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	283.63	30.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.84*	
		For 1" Mesh Fabric, Add	*83.15*	
		For 1-1/4" Mesh Fabric, Add	*53.52*	
		For 1-3/4" Mesh Fabric, Add	*33.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.63*	
		For Gate With Single Barb Wire Arm, Add	*21.03*	
		For Gate With Double Barb Wire Arm, Add	*30.59*	
32 31 13 13-0432	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	325.25	32.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.56*	
		For 1" Mesh Fabric, Add	*98.75*	
		For 1-1/4" Mesh Fabric, Add	*63.56*	
		For 1-3/4" Mesh Fabric, Add	*39.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.75*	
		For Gate With Single Barb Wire Arm, Add	*24.97*	
		For Gate With Double Barb Wire Arm, Add	*36.32*	
32 31 13 13-0433	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	380.73	39.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.28*	
		For 1" Mesh Fabric, Add	*114.34*	
		For 1-1/4" Mesh Fabric, Add	*73.60*	
		For 1-3/4" Mesh Fabric, Add	*45.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.87*	
		For Gate With Single Barb Wire Arm, Add	*28.91*	
		For Gate With Double Barb Wire Arm, Add	*42.05*	
32 31 13 13-0434	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	436.24	45.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.00*	
		For 1" Mesh Fabric, Add	*129.93*	
		For 1-1/4" Mesh Fabric, Add	*83.63*	
		For 1-3/4" Mesh Fabric, Add	*51.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.99*	
		For Gate With Single Barb Wire Arm, Add	*32.86*	
		For Gate With Double Barb Wire Arm, Add	*47.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0435	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	492.87	52.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.72*	
		For 1" Mesh Fabric, Add	*145.52*	
		For 1-1/4" Mesh Fabric, Add	*93.67*	
		For 1-3/4" Mesh Fabric, Add	*58.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.10*	
		For Gate With Single Barb Wire Arm, Add	*36.80*	
		For Gate With Double Barb Wire Arm, Add	*53.52*	
32 31 13 13-0436	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	548.36	59.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.44*	
		For 1" Mesh Fabric, Add	*161.11*	
		For 1-1/4" Mesh Fabric, Add	*103.70*	
		For 1-3/4" Mesh Fabric, Add	*64.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.22*	
		For Gate With Single Barb Wire Arm, Add	*40.74*	
		For Gate With Double Barb Wire Arm, Add	*59.26*	
32 31 13 13-0437	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	603.84	65.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.16*	
		For 1" Mesh Fabric, Add	*176.70*	
		For 1-1/4" Mesh Fabric, Add	*113.74*	
		For 1-3/4" Mesh Fabric, Add	*70.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.34*	
		For Gate With Single Barb Wire Arm, Add	*44.68*	
		For Gate With Double Barb Wire Arm, Add	*64.99*	
32 31 13 13-0438	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	771.61	66.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.53*	
		For 1" Mesh Fabric, Add	*249.46*	
		For 1-1/4" Mesh Fabric, Add	*160.57*	
		For 1-3/4" Mesh Fabric, Add	*99.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.89*	
		For Gate With Single Barb Wire Arm, Add	*63.08*	
		For Gate With Double Barb Wire Arm, Add	*91.76*	
32 31 13 13-0439	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	901.54	71.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-129.03*	
		For 1" Mesh Fabric, Add	*299.35*	
		For 1-1/4" Mesh Fabric, Add	*192.68*	
		For 1-3/4" Mesh Fabric, Add	*119.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.87*	
		For Gate With Single Barb Wire Arm, Add	*75.70*	
		For Gate With Double Barb Wire Arm, Add	*110.11*	
32 31 13 13-0440	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,034.01	76.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-150.53*	
		For 1" Mesh Fabric, Add	*349.24*	
		For 1-1/4" Mesh Fabric, Add	*224.80*	
		For 1-3/4" Mesh Fabric, Add	*139.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.85*	
		For Gate With Single Barb Wire Arm, Add	*88.31*	
		For Gate With Double Barb Wire Arm, Add	*128.46*	
32 31 13 13-0441	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,203.04	95.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.04*	
		For 1" Mesh Fabric, Add	*399.13*	
		For 1-1/4" Mesh Fabric, Add	*256.91*	
		For 1-3/4" Mesh Fabric, Add	*159.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.83*	
		For Gate With Single Barb Wire Arm, Add	*100.93*	
		For Gate With Double Barb Wire Arm, Add	*146.81*	
32 31 13 13-0442	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,338.14	101.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.55*	
		For 1" Mesh Fabric, Add	*449.02*	
		For 1-1/4" Mesh Fabric, Add	*289.03*	
		For 1-3/4" Mesh Fabric, Add	*179.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.80*	
		For Gate With Single Barb Wire Arm, Add	*113.55*	
		For Gate With Double Barb Wire Arm, Add	*165.16*	
32 31 13 13-0443	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,476.35	109.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.05*	
		For 1" Mesh Fabric, Add	*498.91*	
		For 1-1/4" Mesh Fabric, Add	*321.14*	
		For 1-3/4" Mesh Fabric, Add	*199.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.78*	
		For Gate With Single Barb Wire Arm, Add	*126.16*	
		For Gate With Double Barb Wire Arm, Add	*183.51*	
32 31 13 13-0444	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,618.49	118.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-236.55*	
		For 1" Mesh Fabric, Add	*548.80*	
		For 1-1/4" Mesh Fabric, Add	*353.25*	
		For 1-3/4" Mesh Fabric, Add	*219.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-109.76*	
		For Gate With Single Barb Wire Arm, Add	*138.78*	
		For Gate With Double Barb Wire Arm, Add	*201.86*	
32 31 13 13-0445	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,765.64	129.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.06*	
		For 1" Mesh Fabric, Add	*598.70*	
		For 1-1/4" Mesh Fabric, Add	*385.37*	
		For 1-3/4" Mesh Fabric, Add	*239.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.74*	
		For Gate With Single Barb Wire Arm, Add	*151.40*	
		For Gate With Double Barb Wire Arm, Add	*220.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0446	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,919.26	142.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.56*	
		For 1" Mesh Fabric, Add	*648.59*	
		For 1-1/4" Mesh Fabric, Add	*417.48*	
		For 1-3/4" Mesh Fabric, Add	*259.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.72*	
		For Gate With Single Barb Wire Arm, Add	*164.01*	
		For Gate With Double Barb Wire Arm, Add	*238.56*	
32 31 13 13-0447	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,081.53	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-301.07*	
		For 1" Mesh Fabric, Add	*698.48*	
		For 1-1/4" Mesh Fabric, Add	*449.60*	
		For 1-3/4" Mesh Fabric, Add	*279.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.70*	
		For Gate With Single Barb Wire Arm, Add	*176.63*	
		For Gate With Double Barb Wire Arm, Add	*256.91*	
32 31 13 13-0448	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,255.71	178.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-322.58*	
		For 1" Mesh Fabric, Add	*748.37*	
		For 1-1/4" Mesh Fabric, Add	*481.71*	
		For 1-3/4" Mesh Fabric, Add	*299.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.67*	
		For Gate With Single Barb Wire Arm, Add	*189.24*	
		For Gate With Double Barb Wire Arm, Add	*275.26*	

32 31 13 13-0449 6' Fence Height *(32 31 13 13-0408)*

32 31 13 13-0450	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	252.29	32.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.73*	
		For 1" Mesh Fabric, Add	*66.65*	
		For 1-1/4" Mesh Fabric, Add	*42.90*	
		For 1-3/4" Mesh Fabric, Add	*26.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.33*	
		For Gate With Single Barb Wire Arm, Add	*16.85*	
		For Gate With Double Barb Wire Arm, Add	*24.52*	
32 31 13 13-0451	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	303.36	32.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.30*	
		For 1" Mesh Fabric, Add	*88.87*	
		For 1-1/4" Mesh Fabric, Add	*57.20*	
		For 1-3/4" Mesh Fabric, Add	*35.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.77*	
		For Gate With Single Barb Wire Arm, Add	*22.47*	
		For Gate With Double Barb Wire Arm, Add	*32.69*	
32 31 13 13-0452	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	347.77	35.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.49*	
		For 1" Mesh Fabric, Add	*105.53*	
		For 1-1/4" Mesh Fabric, Add	*67.93*	
		For 1-3/4" Mesh Fabric, Add	*42.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.11*	
		For Gate With Single Barb Wire Arm, Add	*26.69*	
		For Gate With Double Barb Wire Arm, Add	*38.82*	
32 31 13 13-0453	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	408.04	42.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.67*	
		For 1" Mesh Fabric, Add	*122.19*	
		For 1-1/4" Mesh Fabric, Add	*78.65*	
		For 1-3/4" Mesh Fabric, Add	*48.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.44*	
		For Gate With Single Barb Wire Arm, Add	*30.90*	
		For Gate With Double Barb Wire Arm, Add	*44.94*	
32 31 13 13-0454	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	468.31	49.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.85*	
		For 1" Mesh Fabric, Add	*138.86*	
		For 1-1/4" Mesh Fabric, Add	*89.38*	
		For 1-3/4" Mesh Fabric, Add	*55.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.77*	
		For Gate With Single Barb Wire Arm, Add	*35.11*	
		For Gate With Double Barb Wire Arm, Add	*51.07*	
32 31 13 13-0455	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	527.40	56.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.03*	
		For 1" Mesh Fabric, Add	*155.52*	
		For 1-1/4" Mesh Fabric, Add	*100.10*	
		For 1-3/4" Mesh Fabric, Add	*62.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.10*	
		For Gate With Single Barb Wire Arm, Add	*39.33*	
		For Gate With Double Barb Wire Arm, Add	*57.20*	
32 31 13 13-0456	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	587.69	63.91
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.22*	
		For 1" Mesh Fabric, Add	*172.18*	
		For 1-1/4" Mesh Fabric, Add	*110.83*	
		For 1-3/4" Mesh Fabric, Add	*68.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.44*	
		For Gate With Single Barb Wire Arm, Add	*43.54*	
		For Gate With Double Barb Wire Arm, Add	*63.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0457	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	647.95	71.20
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.40*	
		For 1" Mesh Fabric, Add	*188.84*	
		For 1-1/4" Mesh Fabric, Add	*121.55*	
		For 1-3/4" Mesh Fabric, Add	*75.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.77*	
		For Gate With Single Barb Wire Arm, Add	*47.75*	
		For Gate With Double Barb Wire Arm, Add	*69.46*	
32 31 13 13-0458	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	826.25	71.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.91*	
		For 1" Mesh Fabric, Add	*266.60*	
		For 1-1/4" Mesh Fabric, Add	*171.60*	
		For 1-3/4" Mesh Fabric, Add	*106.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.32*	
		For Gate With Single Barb Wire Arm, Add	*67.42*	
		For Gate With Double Barb Wire Arm, Add	*98.06*	
32 31 13 13-0459	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	966.60	76.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.90*	
		For 1" Mesh Fabric, Add	*319.92*	
		For 1-1/4" Mesh Fabric, Add	*205.92*	
		For 1-3/4" Mesh Fabric, Add	*127.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-63.98*	
		For Gate With Single Barb Wire Arm, Add	*80.90*	
		For Gate With Double Barb Wire Arm, Add	*117.67*	
32 31 13 13-0460	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,163.92	101.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.88*	
		For 1" Mesh Fabric, Add	*373.24*	
		For 1-1/4" Mesh Fabric, Add	*240.25*	
		For 1-3/4" Mesh Fabric, Add	*149.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.65*	
		For Gate With Single Barb Wire Arm, Add	*94.38*	
		For Gate With Double Barb Wire Arm, Add	*137.28*	
32 31 13 13-0461	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,310.01	109.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.86*	
		For 1" Mesh Fabric, Add	*426.56*	
		For 1-1/4" Mesh Fabric, Add	*274.57*	
		For 1-3/4" Mesh Fabric, Add	*170.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.31*	
		For Gate With Single Barb Wire Arm, Add	*107.86*	
		For Gate With Double Barb Wire Arm, Add	*156.89*	
32 31 13 13-0462	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,460.04	118.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.84*	
		For 1" Mesh Fabric, Add	*479.88*	
		For 1-1/4" Mesh Fabric, Add	*308.89*	
		For 1-3/4" Mesh Fabric, Add	*191.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.98*	
		For Gate With Single Barb Wire Arm, Add	*121.35*	
		For Gate With Double Barb Wire Arm, Add	*176.51*	
32 31 13 13-0463	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,637.71	129.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.07*	
		For 1" Mesh Fabric, Add	*543.05*	
		For 1-1/4" Mesh Fabric, Add	*349.55*	
		For 1-3/4" Mesh Fabric, Add	*217.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.61*	
		For Gate With Single Barb Wire Arm, Add	*137.32*	
		For Gate With Double Barb Wire Arm, Add	*199.74*	
32 31 13 13-0464	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,780.68	142.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.58*	
		For 1" Mesh Fabric, Add	*588.31*	
		For 1-1/4" Mesh Fabric, Add	*378.68*	
		For 1-3/4" Mesh Fabric, Add	*235.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.66*	
		For Gate With Single Barb Wire Arm, Add	*148.77*	
		For Gate With Double Barb Wire Arm, Add	*216.39*	
32 31 13 13-0465	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,946.72	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-275.79*	
		For 1" Mesh Fabric, Add	*639.84*	
		For 1-1/4" Mesh Fabric, Add	*411.85*	
		For 1-3/4" Mesh Fabric, Add	*255.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-127.97*	
		For Gate With Single Barb Wire Arm, Add	*161.80*	
		For Gate With Double Barb Wire Arm, Add	*235.34*	
32 31 13 13-0466	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,128.77	178.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.77*	
		For 1" Mesh Fabric, Add	*693.16*	
		For 1-1/4" Mesh Fabric, Add	*446.17*	
		For 1-3/4" Mesh Fabric, Add	*277.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.63*	
		For Gate With Single Barb Wire Arm, Add	*175.28*	
		For Gate With Double Barb Wire Arm, Add	*254.95*	
32 31 13 13-0467	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,327.82	203.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.76*	
		For 1" Mesh Fabric, Add	*746.48*	
		For 1-1/4" Mesh Fabric, Add	*480.49*	
		For 1-3/4" Mesh Fabric, Add	*298.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.30*	
		For Gate With Single Barb Wire Arm, Add	*188.76*	
		For Gate With Double Barb Wire Arm, Add	*274.57*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0468	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,552.36	237.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-344.74*	
		For 1" Mesh Fabric, Add	*799.80*	
		For 1-1/4" Mesh Fabric, Add	*514.81*	
		For 1-3/4" Mesh Fabric, Add	*319.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.96*	
		For Gate With Single Barb Wire Arm, Add	*202.25*	
		For Gate With Double Barb Wire Arm, Add	*294.18*	
32 31 13 13-0469		7' Fence Height *(32 31 13 13-0408)*		
32 31 13 13-0470	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	267.62	35.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-30.17*	
		For 1" Mesh Fabric, Add	*70.00*	
		For 1-1/4" Mesh Fabric, Add	*45.06*	
		For 1-3/4" Mesh Fabric, Add	*28.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-14.00*	
		For Gate With Single Barb Wire Arm, Add	*17.70*	
		For Gate With Double Barb Wire Arm, Add	*25.75*	
32 31 13 13-0471	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	321.27	35.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.23*	
		For 1" Mesh Fabric, Add	*93.34*	
		For 1-1/4" Mesh Fabric, Add	*60.08*	
		For 1-3/4" Mesh Fabric, Add	*37.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.67*	
		For Gate With Single Barb Wire Arm, Add	*23.60*	
		For Gate With Double Barb Wire Arm, Add	*34.33*	
32 31 13 13-0472	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	366.93	37.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.78*	
		For 1" Mesh Fabric, Add	*110.85*	
		For 1-1/4" Mesh Fabric, Add	*71.35*	
		For 1-3/4" Mesh Fabric, Add	*44.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.17*	
		For Gate With Single Barb Wire Arm, Add	*28.03*	
		For Gate With Double Barb Wire Arm, Add	*40.77*	
32 31 13 13-0473	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	431.43	45.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.32*	
		For 1" Mesh Fabric, Add	*128.35*	
		For 1-1/4" Mesh Fabric, Add	*82.61*	
		For 1-3/4" Mesh Fabric, Add	*51.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.67*	
		For Gate With Single Barb Wire Arm, Add	*32.46*	
		For Gate With Double Barb Wire Arm, Add	*47.21*	
32 31 13 13-0474	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	494.79	53.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.87*	
		For 1" Mesh Fabric, Add	*145.85*	
		For 1-1/4" Mesh Fabric, Add	*93.88*	
		For 1-3/4" Mesh Fabric, Add	*58.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.17*	
		For Gate With Single Barb Wire Arm, Add	*36.88*	
		For Gate With Double Barb Wire Arm, Add	*53.65*	
32 31 13 13-0475	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	559.30	61.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.41*	
		For 1" Mesh Fabric, Add	*163.36*	
		For 1-1/4" Mesh Fabric, Add	*105.15*	
		For 1-3/4" Mesh Fabric, Add	*65.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.67*	
		For Gate With Single Barb Wire Arm, Add	*41.31*	
		For Gate With Double Barb Wire Arm, Add	*60.08*	
32 31 13 13-0476	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	622.65	68.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.96*	
		For 1" Mesh Fabric, Add	*180.86*	
		For 1-1/4" Mesh Fabric, Add	*116.41*	
		For 1-3/4" Mesh Fabric, Add	*72.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.17*	
		For Gate With Single Barb Wire Arm, Add	*45.73*	
		For Gate With Double Barb Wire Arm, Add	*66.52*	
32 31 13 13-0477	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	687.16	76.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.50*	
		For 1" Mesh Fabric, Add	*198.36*	
		For 1-1/4" Mesh Fabric, Add	*127.68*	
		For 1-3/4" Mesh Fabric, Add	*79.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.67*	
		For Gate With Single Barb Wire Arm, Add	*50.16*	
		For Gate With Double Barb Wire Arm, Add	*72.96*	
32 31 13 13-0478	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	874.91	76.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.70*	
		For 1" Mesh Fabric, Add	*280.03*	
		For 1-1/4" Mesh Fabric, Add	*180.25*	
		For 1-3/4" Mesh Fabric, Add	*112.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.01*	
		For Gate With Single Barb Wire Arm, Add	*70.81*	
		For Gate With Double Barb Wire Arm, Add	*103.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0479	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,078.38	101.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.84*	
		For 1" Mesh Fabric, Add	*336.03*	
		For 1-1/4" Mesh Fabric, Add	*216.29*	
		For 1-3/4" Mesh Fabric, Add	*134.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.21*	
		For Gate With Single Barb Wire Arm, Add	*84.97*	
		For Gate With Double Barb Wire Arm, Add	*123.60*	
32 31 13 13-0480	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,230.66	109.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.98*	
		For 1" Mesh Fabric, Add	*392.04*	
		For 1-1/4" Mesh Fabric, Add	*252.35*	
		For 1-3/4" Mesh Fabric, Add	*156.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.41*	
		For Gate With Single Barb Wire Arm, Add	*99.14*	
		For Gate With Double Barb Wire Arm, Add	*144.20*	
32 31 13 13-0481	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,386.84	118.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.12*	
		For 1" Mesh Fabric, Add	*448.04*	
		For 1-1/4" Mesh Fabric, Add	*288.39*	
		For 1-3/4" Mesh Fabric, Add	*179.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.61*	
		For Gate With Single Barb Wire Arm, Add	*113.30*	
		For Gate With Double Barb Wire Arm, Add	*164.80*	
32 31 13 13-0482	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,548.05	129.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-217.26*	
		For 1" Mesh Fabric, Add	*504.05*	
		For 1-1/4" Mesh Fabric, Add	*324.44*	
		For 1-3/4" Mesh Fabric, Add	*201.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.81*	
		For Gate With Single Barb Wire Arm, Add	*127.46*	
		For Gate With Double Barb Wire Arm, Add	*185.40*	
32 31 13 13-0483	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,715.71	142.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.40*	
		For 1" Mesh Fabric, Add	*560.05*	
		For 1-1/4" Mesh Fabric, Add	*360.49*	
		For 1-3/4" Mesh Fabric, Add	*224.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.01*	
		For Gate With Single Barb Wire Arm, Add	*141.62*	
		For Gate With Double Barb Wire Arm, Add	*205.99*	
32 31 13 13-0484	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,892.02	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-265.54*	
		For 1" Mesh Fabric, Add	*616.04*	
		For 1-1/4" Mesh Fabric, Add	*396.53*	
		For 1-3/4" Mesh Fabric, Add	*246.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.21*	
		For Gate With Single Barb Wire Arm, Add	*155.78*	
		For Gate With Double Barb Wire Arm, Add	*226.59*	
32 31 13 13-0485	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,080.26	178.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-289.68*	
		For 1" Mesh Fabric, Add	*672.05*	
		For 1-1/4" Mesh Fabric, Add	*432.59*	
		For 1-3/4" Mesh Fabric, Add	*268.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-134.41*	
		For Gate With Single Barb Wire Arm, Add	*169.94*	
		For Gate With Double Barb Wire Arm, Add	*247.19*	
32 31 13 13-0486	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,285.50	203.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-313.82*	
		For 1" Mesh Fabric, Add	*728.07*	
		For 1-1/4" Mesh Fabric, Add	*468.64*	
		For 1-3/4" Mesh Fabric, Add	*291.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-145.61*	
		For Gate With Single Barb Wire Arm, Add	*184.11*	
		For Gate With Double Barb Wire Arm, Add	*267.80*	
32 31 13 13-0487	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,516.20	237.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-337.96*	
		For 1" Mesh Fabric, Add	*784.07*	
		For 1-1/4" Mesh Fabric, Add	*504.69*	
		For 1-3/4" Mesh Fabric, Add	*313.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-156.81*	
		For Gate With Single Barb Wire Arm, Add	*198.27*	
		For Gate With Double Barb Wire Arm, Add	*288.39*	
32 31 13 13-0488	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,787.70	285.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.10*	
		For 1" Mesh Fabric, Add	*840.08*	
		For 1-1/4" Mesh Fabric, Add	*540.74*	
		For 1-3/4" Mesh Fabric, Add	*336.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.02*	
		For Gate With Single Barb Wire Arm, Add	*212.43*	
		For Gate With Double Barb Wire Arm, Add	*308.99*	

32 31 13 13-0489 8' Fence Height *(32 31 13 13-0408)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0490	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	310.64	38.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.57*	
		For 1" Mesh Fabric, Add	*84.85*	
		For 1-1/4" Mesh Fabric, Add	*54.62*	
		For 1-3/4" Mesh Fabric, Add	*33.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.97*	
		For Gate With Single Barb Wire Arm, Add	*21.46*	
		For Gate With Double Barb Wire Arm, Add	*31.21*	
32 31 13 13-0491	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	375.66	38.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.77*	
		For 1" Mesh Fabric, Add	*113.13*	
		For 1-1/4" Mesh Fabric, Add	*72.82*	
		For 1-3/4" Mesh Fabric, Add	*45.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.63*	
		For Gate With Single Barb Wire Arm, Add	*28.61*	
		For Gate With Double Barb Wire Arm, Add	*41.61*	
32 31 13 13-0492	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	419.01	38.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.89*	
		For 1" Mesh Fabric, Add	*131.99*	
		For 1-1/4" Mesh Fabric, Add	*84.96*	
		For 1-3/4" Mesh Fabric, Add	*52.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.40*	
		For Gate With Single Barb Wire Arm, Add	*33.38*	
		For Gate With Double Barb Wire Arm, Add	*48.55*	
32 31 13 13-0493	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	492.41	48.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-65.02*	
		For 1" Mesh Fabric, Add	*150.85*	
		For 1-1/4" Mesh Fabric, Add	*97.10*	
		For 1-3/4" Mesh Fabric, Add	*60.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.17*	
		For Gate With Single Barb Wire Arm, Add	*38.15*	
		For Gate With Double Barb Wire Arm, Add	*55.48*	
32 31 13 13-0494	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	565.80	58.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.15*	
		For 1" Mesh Fabric, Add	*169.70*	
		For 1-1/4" Mesh Fabric, Add	*109.23*	
		For 1-3/4" Mesh Fabric, Add	*67.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.94*	
		For Gate With Single Barb Wire Arm, Add	*42.91*	
		For Gate With Double Barb Wire Arm, Add	*62.42*	
32 31 13 13-0495	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	638.05	68.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.28*	
		For 1" Mesh Fabric, Add	*188.56*	
		For 1-1/4" Mesh Fabric, Add	*121.37*	
		For 1-3/4" Mesh Fabric, Add	*75.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.71*	
		For Gate With Single Barb Wire Arm, Add	*47.68*	
		For Gate With Double Barb Wire Arm, Add	*69.36*	
32 31 13 13-0496	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	711.46	78.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.40*	
		For 1" Mesh Fabric, Add	*207.42*	
		For 1-1/4" Mesh Fabric, Add	*133.51*	
		For 1-3/4" Mesh Fabric, Add	*82.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.48*	
		For Gate With Single Barb Wire Arm, Add	*52.45*	
		For Gate With Double Barb Wire Arm, Add	*76.29*	
32 31 13 13-0497	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	784.83	88.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.53*	
		For 1" Mesh Fabric, Add	*226.27*	
		For 1-1/4" Mesh Fabric, Add	*145.64*	
		For 1-3/4" Mesh Fabric, Add	*90.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.25*	
		For Gate With Single Barb Wire Arm, Add	*57.22*	
		For Gate With Double Barb Wire Arm, Add	*83.23*	
32 31 13 13-0498	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,086.14	101.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.30*	
		For 1" Mesh Fabric, Add	*339.40*	
		For 1-1/4" Mesh Fabric, Add	*218.47*	
		For 1-3/4" Mesh Fabric, Add	*135.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.88*	
		For Gate With Single Barb Wire Arm, Add	*85.83*	
		For Gate With Double Barb Wire Arm, Add	*124.84*	
32 31 13 13-0499	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,265.70	109.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.55*	
		For 1" Mesh Fabric, Add	*407.28*	
		For 1-1/4" Mesh Fabric, Add	*262.16*	
		For 1-3/4" Mesh Fabric, Add	*162.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.46*	
		For Gate With Single Barb Wire Arm, Add	*102.99*	
		For Gate With Double Barb Wire Arm, Add	*149.80*	
32 31 13 13-0500	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,449.20	118.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-204.81*	
		For 1" Mesh Fabric, Add	*475.16*	
		For 1-1/4" Mesh Fabric, Add	*305.85*	
		For 1-3/4" Mesh Fabric, Add	*190.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.03*	
		For Gate With Single Barb Wire Arm, Add	*120.16*	
		For Gate With Double Barb Wire Arm, Add	*174.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0501	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,637.70	129.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.07*	
		For 1" Mesh Fabric, Add	*543.05*	
		For 1-1/4" Mesh Fabric, Add	*349.55*	
		For 1-3/4" Mesh Fabric, Add	*217.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.61*	
		For Gate With Single Barb Wire Arm, Add	*137.32*	
		For Gate With Double Barb Wire Arm, Add	*199.74*	
32 31 13 13-0502	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,832.67	142.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-263.33*	
		For 1" Mesh Fabric, Add	*610.92*	
		For 1-1/4" Mesh Fabric, Add	*393.24*	
		For 1-3/4" Mesh Fabric, Add	*244.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-122.18*	
		For Gate With Single Barb Wire Arm, Add	*154.49*	
		For Gate With Double Barb Wire Arm, Add	*224.71*	
32 31 13 13-0503	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,036.30	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-292.59*	
		For 1" Mesh Fabric, Add	*678.80*	
		For 1-1/4" Mesh Fabric, Add	*436.93*	
		For 1-3/4" Mesh Fabric, Add	*271.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.76*	
		For Gate With Single Barb Wire Arm, Add	*171.65*	
		For Gate With Double Barb Wire Arm, Add	*249.68*	
32 31 13 13-0504	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,251.83	178.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.85*	
		For 1" Mesh Fabric, Add	*746.69*	
		For 1-1/4" Mesh Fabric, Add	*480.63*	
		For 1-3/4" Mesh Fabric, Add	*298.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.34*	
		For Gate With Single Barb Wire Arm, Add	*188.82*	
		For Gate With Double Barb Wire Arm, Add	*274.64*	
32 31 13 13-0505	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,484.35	203.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-351.11*	
		For 1" Mesh Fabric, Add	*814.57*	
		For 1-1/4" Mesh Fabric, Add	*524.32*	
		For 1-3/4" Mesh Fabric, Add	*325.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-162.91*	
		For Gate With Single Barb Wire Arm, Add	*205.98*	
		For Gate With Double Barb Wire Arm, Add	*299.61*	
32 31 13 13-0506	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,742.36	237.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-380.36*	
		For 1" Mesh Fabric, Add	*882.45*	
		For 1-1/4" Mesh Fabric, Add	*568.01*	
		For 1-3/4" Mesh Fabric, Add	*352.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-176.49*	
		For Gate With Single Barb Wire Arm, Add	*223.15*	
		For Gate With Double Barb Wire Arm, Add	*324.58*	
32 31 13 13-0507	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,041.15	285.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-409.62*	
		For 1" Mesh Fabric, Add	*950.33*	
		For 1-1/4" Mesh Fabric, Add	*611.70*	
		For 1-3/4" Mesh Fabric, Add	*380.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.07*	
		For Gate With Single Barb Wire Arm, Add	*240.31*	
		For Gate With Double Barb Wire Arm, Add	*349.55*	
32 31 13 13-0508	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,411.33	356.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.88*	
		For 1" Mesh Fabric, Add	*1,018.21*	
		For 1-1/4" Mesh Fabric, Add	*655.40*	
		For 1-3/4" Mesh Fabric, Add	*407.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.64*	
		For Gate With Single Barb Wire Arm, Add	*257.48*	
		For Gate With Double Barb Wire Arm, Add	*374.51*	
32 31 13 13-0509		**10' Fence Height** *(32 31 13 13-0408)*		
32 31 13 13-0510	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	354.70	42.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.43*	
		For 1" Mesh Fabric, Add	*98.43*	
		For 1-1/4" Mesh Fabric, Add	*63.36*	
		For 1-3/4" Mesh Fabric, Add	*39.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.69*	
		For Gate With Single Barb Wire Arm, Add	*24.89*	
		For Gate With Double Barb Wire Arm, Add	*36.20*	
32 31 13 13-0511	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	430.12	42.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.57*	
		For 1" Mesh Fabric, Add	*131.24*	
		For 1-1/4" Mesh Fabric, Add	*84.48*	
		For 1-3/4" Mesh Fabric, Add	*52.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.25*	
		For Gate With Single Barb Wire Arm, Add	*33.19*	
		For Gate With Double Barb Wire Arm, Add	*48.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0512	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	486.06	44.61
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.00*	
		For 1" Mesh Fabric, Add	*153.12*	
		For 1-1/4" Mesh Fabric, Add	*98.56*	
		For 1-3/4" Mesh Fabric, Add	*61.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.62*	
		For Gate With Single Barb Wire Arm, Add	*38.72*	
		For Gate With Double Barb Wire Arm, Add	*56.32*	
32 31 13 13-0513	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	568.70	55.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.43*	
		For 1" Mesh Fabric, Add	*174.99*	
		For 1-1/4" Mesh Fabric, Add	*112.64*	
		For 1-3/4" Mesh Fabric, Add	*69.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.00*	
		For Gate With Single Barb Wire Arm, Add	*44.25*	
		For Gate With Double Barb Wire Arm, Add	*64.36*	
32 31 13 13-0514	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	650.20	65.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.86*	
		For 1" Mesh Fabric, Add	*196.86*	
		For 1-1/4" Mesh Fabric, Add	*126.72*	
		For 1-3/4" Mesh Fabric, Add	*78.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.37*	
		For Gate With Single Barb Wire Arm, Add	*49.78*	
		For Gate With Double Barb Wire Arm, Add	*72.41*	
32 31 13 13-0515	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	732.85	76.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.28*	
		For 1" Mesh Fabric, Add	*218.74*	
		For 1-1/4" Mesh Fabric, Add	*140.80*	
		For 1-3/4" Mesh Fabric, Add	*87.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.75*	
		For Gate With Single Barb Wire Arm, Add	*55.31*	
		For Gate With Double Barb Wire Arm, Add	*80.46*	
32 31 13 13-0516	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	814.34	87.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.71*	
		For 1" Mesh Fabric, Add	*240.62*	
		For 1-1/4" Mesh Fabric, Add	*154.88*	
		For 1-3/4" Mesh Fabric, Add	*96.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.12*	
		For Gate With Single Barb Wire Arm, Add	*60.85*	
		For Gate With Double Barb Wire Arm, Add	*88.50*	
32 31 13 13-0517	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	897.00	97.79
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.14*	
		For 1" Mesh Fabric, Add	*262.49*	
		For 1-1/4" Mesh Fabric, Add	*168.96*	
		For 1-3/4" Mesh Fabric, Add	*105.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.50*	
		For Gate With Single Barb Wire Arm, Add	*66.38*	
		For Gate With Double Barb Wire Arm, Add	*96.55*	
32 31 13 13-0518	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,244.99	113.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-169.71*	
		For 1" Mesh Fabric, Add	*393.72*	
		For 1-1/4" Mesh Fabric, Add	*253.43*	
		For 1-3/4" Mesh Fabric, Add	*157.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.74*	
		For Gate With Single Barb Wire Arm, Add	*99.56*	
		For Gate With Double Barb Wire Arm, Add	*144.82*	
32 31 13 13-0519	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,452.04	121.78
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-203.65*	
		For 1" Mesh Fabric, Add	*472.47*	
		For 1-1/4" Mesh Fabric, Add	*304.12*	
		For 1-3/4" Mesh Fabric, Add	*188.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-94.49*	
		For Gate With Single Barb Wire Arm, Add	*119.48*	
		For Gate With Double Barb Wire Arm, Add	*173.78*	
32 31 13 13-0520	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,663.68	132.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.59*	
		For 1" Mesh Fabric, Add	*551.21*	
		For 1-1/4" Mesh Fabric, Add	*354.80*	
		For 1-3/4" Mesh Fabric, Add	*220.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.24*	
		For Gate With Single Barb Wire Arm, Add	*139.39*	
		For Gate With Double Barb Wire Arm, Add	*202.75*	
32 31 13 13-0521	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,880.58	143.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-271.53*	
		For 1" Mesh Fabric, Add	*629.96*	
		For 1-1/4" Mesh Fabric, Add	*405.49*	
		For 1-3/4" Mesh Fabric, Add	*251.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.99*	
		For Gate With Single Barb Wire Arm, Add	*159.30*	
		For Gate With Double Barb Wire Arm, Add	*231.71*	
32 31 13 13-0522	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,105.03	158.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.48*	
		For 1" Mesh Fabric, Add	*708.70*	
		For 1-1/4" Mesh Fabric, Add	*456.18*	
		For 1-3/4" Mesh Fabric, Add	*283.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.74*	
		For Gate With Single Barb Wire Arm, Add	*179.21*	
		For Gate With Double Barb Wire Arm, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0523	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,338.66	175.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-339.42*	
		For 1" Mesh Fabric, Add	*787.45*	
		For 1-1/4" Mesh Fabric, Add	*506.86*	
		For 1-3/4" Mesh Fabric, Add	*314.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-157.49*	
		For Gate With Single Barb Wire Arm, Add	*199.12*	
		For Gate With Double Barb Wire Arm, Add	*289.64*	
32 31 13 13-0524	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,586.04	198.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-373.36*	
		For 1" Mesh Fabric, Add	*866.19*	
		For 1-1/4" Mesh Fabric, Add	*557.55*	
		For 1-3/4" Mesh Fabric, Add	*346.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-173.24*	
		For Gate With Single Barb Wire Arm, Add	*219.04*	
		For Gate With Double Barb Wire Arm, Add	*318.60*	
32 31 13 13-0525	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,851.60	226.17
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-407.30*	
		For 1" Mesh Fabric, Add	*944.94*	
		For 1-1/4" Mesh Fabric, Add	*608.24*	
		For 1-3/4" Mesh Fabric, Add	*377.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-188.99*	
		For Gate With Single Barb Wire Arm, Add	*238.95*	
		For Gate With Double Barb Wire Arm, Add	*347.56*	
32 31 13 13-0526	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,146.34	264.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-441.24*	
		For 1" Mesh Fabric, Add	*1,023.68*	
		For 1-1/4" Mesh Fabric, Add	*658.92*	
		For 1-3/4" Mesh Fabric, Add	*409.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-204.74*	
		For Gate With Single Barb Wire Arm, Add	*258.86*	
		For Gate With Double Barb Wire Arm, Add	*376.53*	
32 31 13 13-0527	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,485.13	316.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-475.18*	
		For 1" Mesh Fabric, Add	*1,102.42*	
		For 1-1/4" Mesh Fabric, Add	*709.61*	
		For 1-3/4" Mesh Fabric, Add	*440.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-220.48*	
		For Gate With Single Barb Wire Arm, Add	*278.77*	
		For Gate With Double Barb Wire Arm, Add	*405.49*	
32 31 13 13-0528	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,904.91	396.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-509.13*	
		For 1" Mesh Fabric, Add	*1,181.17*	
		For 1-1/4" Mesh Fabric, Add	*760.30*	
		For 1-3/4" Mesh Fabric, Add	*472.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.23*	
		For Gate With Single Barb Wire Arm, Add	*298.69*	
		For Gate With Double Barb Wire Arm, Add	*434.45*	

32 31 13 13-0529 12' Fence Height *(32 31 13 13-0408)*

32 31 13 13-0530	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	458.26	47.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.17*	
		For 1" Mesh Fabric, Add	*137.27*	
		For 1-1/4" Mesh Fabric, Add	*88.36*	
		For 1-3/4" Mesh Fabric, Add	*54.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.45*	
		For Gate With Single Barb Wire Arm, Add	*34.71*	
		For Gate With Double Barb Wire Arm, Add	*50.49*	
32 31 13 13-0531	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	563.16	47.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.84*	
		For 1" Mesh Fabric, Add	*182.90*	
		For 1-1/4" Mesh Fabric, Add	*117.73*	
		For 1-3/4" Mesh Fabric, Add	*73.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.58*	
		For Gate With Single Barb Wire Arm, Add	*46.25*	
		For Gate With Double Barb Wire Arm, Add	*67.28*	
32 31 13 13-0532	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	646.43	49.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-93.47*	
		For 1" Mesh Fabric, Add	*216.84*	
		For 1-1/4" Mesh Fabric, Add	*139.58*	
		For 1-3/4" Mesh Fabric, Add	*86.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.37*	
		For Gate With Single Barb Wire Arm, Add	*54.83*	
		For Gate With Double Barb Wire Arm, Add	*79.76*	
32 31 13 13-0533	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	747.28	61.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-105.66*	
		For 1" Mesh Fabric, Add	*245.13*	
		For 1-1/4" Mesh Fabric, Add	*157.78*	
		For 1-3/4" Mesh Fabric, Add	*98.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.03*	
		For Gate With Single Barb Wire Arm, Add	*61.99*	
		For Gate With Double Barb Wire Arm, Add	*90.16*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0534	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	855.37	73.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.21*	
		For 1" Mesh Fabric, Add	*276.56*	
		For 1-1/4" Mesh Fabric, Add	*178.01*	
		For 1-3/4" Mesh Fabric, Add	*110.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.31*	
		For Gate With Single Barb Wire Arm, Add	*69.93*	
		For Gate With Double Barb Wire Arm, Add	*101.72*	
32 31 13 13-0535	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	962.29	84.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.75*	
		For 1" Mesh Fabric, Add	*307.98*	
		For 1-1/4" Mesh Fabric, Add	*198.24*	
		For 1-3/4" Mesh Fabric, Add	*123.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.60*	
		For Gate With Single Barb Wire Arm, Add	*77.88*	
		For Gate With Double Barb Wire Arm, Add	*113.28*	
32 31 13 13-0536	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,070.36	96.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.30*	
		For 1" Mesh Fabric, Add	*339.41*	
		For 1-1/4" Mesh Fabric, Add	*218.47*	
		For 1-3/4" Mesh Fabric, Add	*135.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.88*	
		For Gate With Single Barb Wire Arm, Add	*85.83*	
		For Gate With Double Barb Wire Arm, Add	*124.84*	
32 31 13 13-0537	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,171.22	108.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.49*	
		For 1" Mesh Fabric, Add	*367.69*	
		For 1-1/4" Mesh Fabric, Add	*236.68*	
		For 1-3/4" Mesh Fabric, Add	*147.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.54*	
		For Gate With Single Barb Wire Arm, Add	*92.98*	
		For Gate With Double Barb Wire Arm, Add	*135.24*	
32 31 13 13-0538	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,644.98	125.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.65*	
		For 1" Mesh Fabric, Add	*551.35*	
		For 1-1/4" Mesh Fabric, Add	*354.89*	
		For 1-3/4" Mesh Fabric, Add	*220.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.27*	
		For Gate With Single Barb Wire Arm, Add	*139.42*	
		For Gate With Double Barb Wire Arm, Add	*202.80*	
32 31 13 13-0539	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,968.69	135.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-292.92*	
		For 1" Mesh Fabric, Add	*679.57*	
		For 1-1/4" Mesh Fabric, Add	*437.42*	
		For 1-3/4" Mesh Fabric, Add	*271.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.91*	
		For Gate With Single Barb Wire Arm, Add	*171.85*	
		For Gate With Double Barb Wire Arm, Add	*249.96*	
32 31 13 13-0540	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,264.62	146.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-342.01*	
		For 1" Mesh Fabric, Add	*793.46*	
		For 1-1/4" Mesh Fabric, Add	*510.73*	
		For 1-3/4" Mesh Fabric, Add	*317.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-158.69*	
		For Gate With Single Barb Wire Arm, Add	*200.64*	
		For Gate With Double Barb Wire Arm, Add	*291.85*	
32 31 13 13-0541	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,564.65	159.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-390.77*	
		For 1" Mesh Fabric, Add	*906.59*	
		For 1-1/4" Mesh Fabric, Add	*583.55*	
		For 1-3/4" Mesh Fabric, Add	*362.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.32*	
		For Gate With Single Barb Wire Arm, Add	*229.25*	
		For Gate With Double Barb Wire Arm, Add	*333.46*	
32 31 13 13-0542	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,869.44	176.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.89*	
		For 1" Mesh Fabric, Add	*1,018.22*	
		For 1-1/4" Mesh Fabric, Add	*655.41*	
		For 1-3/4" Mesh Fabric, Add	*407.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.64*	
		For Gate With Single Barb Wire Arm, Add	*257.48*	
		For Gate With Double Barb Wire Arm, Add	*374.52*	
32 31 13 13-0543	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,187.78	195.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-487.65*	
		For 1" Mesh Fabric, Add	*1,131.36*	
		For 1-1/4" Mesh Fabric, Add	*728.23*	
		For 1-3/4" Mesh Fabric, Add	*452.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-226.27*	
		For Gate With Single Barb Wire Arm, Add	*286.09*	
		For Gate With Double Barb Wire Arm, Add	*416.13*	
32 31 13 13-0544	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,521.78	220.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-536.42*	
		For 1" Mesh Fabric, Add	*1,244.49*	
		For 1-1/4" Mesh Fabric, Add	*801.05*	
		For 1-3/4" Mesh Fabric, Add	*497.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-248.90*	
		For Gate With Single Barb Wire Arm, Add	*314.70*	
		For Gate With Double Barb Wire Arm, Add	*457.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0545	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,875.79	251.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-585.18*	
		For 1" Mesh Fabric, Add	*1,357.63*	
		For 1-1/4" Mesh Fabric, Add	*873.87*	
		For 1-3/4" Mesh Fabric, Add	*543.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-271.53*	
		For Gate With Single Barb Wire Arm, Add	*343.31*	
		For Gate With Double Barb Wire Arm, Add	*499.36*	
32 31 13 13-0546	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,270.90	293.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-635.58*	
		For 1" Mesh Fabric, Add	*1,474.54*	
		For 1-1/4" Mesh Fabric, Add	*949.13*	
		For 1-3/4" Mesh Fabric, Add	*589.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-294.91*	
		For Gate With Single Barb Wire Arm, Add	*372.87*	
		For Gate With Double Barb Wire Arm, Add	*542.36*	
32 31 13 13-0547	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,706.28	351.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-684.34*	
		For 1" Mesh Fabric, Add	*1,587.67*	
		For 1-1/4" Mesh Fabric, Add	*1,021.95*	
		For 1-3/4" Mesh Fabric, Add	*635.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-317.53*	
		For Gate With Single Barb Wire Arm, Add	*401.48*	
		For Gate With Double Barb Wire Arm, Add	*583.97*	
32 31 13 13-0548	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,231.66	440.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-733.11*	
		For 1" Mesh Fabric, Add	*1,700.81*	
		For 1-1/4" Mesh Fabric, Add	*1,094.77*	
		For 1-3/4" Mesh Fabric, Add	*680.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-340.16*	
		For Gate With Single Barb Wire Arm, Add	*430.09*	
		For Gate With Double Barb Wire Arm, Add	*625.58*	

32 31 13 13-0549 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0266)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0645 for additonal gate accessories, 32 31 13 13-0730 for gate repacement parts.

32 31 13 13-0550 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0549)*

32 31 13 13-0551	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,326.85	434.40
		For 1" Mesh Fabric, Add	*1,069.22*	
		For 1-1/4" Mesh Fabric, Add	*688.23*	
		For 1-3/4" Mesh Fabric, Add	*427.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-213.84*	
		For Gate With Barb Wire Arm, Add	*270.38*	
		For Vinyl Coated, Add	*737.39*	
32 31 13 13-0552	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,998.38	524.47
		For 1" Mesh Fabric, Add	*1,283.07*	
		For 1-1/4" Mesh Fabric, Add	*825.88*	
		For 1-3/4" Mesh Fabric, Add	*513.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-256.61*	
		For Gate With Barb Wire Arm, Add	*324.45*	
		For Vinyl Coated, Add	*884.87*	
32 31 13 13-0553	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,665.02	611.85
		For 1" Mesh Fabric, Add	*1,496.91*	
		For 1-1/4" Mesh Fabric, Add	*963.53*	
		For 1-3/4" Mesh Fabric, Add	*598.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.38*	
		For Gate With Barb Wire Arm, Add	*378.53*	
		For Vinyl Coated, Add	*1,032.35*	
32 31 13 13-0554	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,339.27	703.26
		For 1" Mesh Fabric, Add	*1,710.76*	
		For 1-1/4" Mesh Fabric, Add	*1,101.18*	
		For 1-3/4" Mesh Fabric, Add	*684.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-342.15*	
		For Gate With Barb Wire Arm, Add	*432.61*	
		For Vinyl Coated, Add	*1,179.83*	
32 31 13 13-0555	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,006.74	791.19
		For 1" Mesh Fabric, Add	*1,924.61*	
		For 1-1/4" Mesh Fabric, Add	*1,238.83*	
		For 1-3/4" Mesh Fabric, Add	*769.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-384.92*	
		For Gate With Barb Wire Arm, Add	*486.68*	
		For Vinyl Coated, Add	*1,327.31*	
32 31 13 13-0556	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,657.96	870.95
		For 1" Mesh Fabric, Add	*2,138.45*	
		For 1-1/4" Mesh Fabric, Add	*1,376.47*	
		For 1-3/4" Mesh Fabric, Add	*855.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-427.69*	
		For Gate With Barb Wire Arm, Add	*540.76*	
		For Vinyl Coated, Add	*1,474.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0557	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,953.49	1,048.80
		For 1" Mesh Fabric, Add	*2,547.31*	
		For 1-1/4" Mesh Fabric, Add	*1,639.65*	
		For 1-3/4" Mesh Fabric, Add	*1,018.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-509.46*	
		For Gate With Barb Wire Arm, Add	*644.15*	
		For Vinyl Coated, Add	*1,756.76*	
32 31 13 13-0558	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	11,333.35	1,979.71
		For 1" Mesh Fabric, Add	*3,207.67*	
		For 1-1/4" Mesh Fabric, Add	*2,064.71*	
		For 1-3/4" Mesh Fabric, Add	*1,283.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-641.53*	
		For Gate With Barb Wire Arm, Add	*811.14*	
		For Vinyl Coated, Add	*2,212.19*	
32 31 13 13-0559	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	15,111.13	2,639.62
		For 1" Mesh Fabric, Add	*4,276.89*	
		For 1-1/4" Mesh Fabric, Add	*2,752.94*	
		For 1-3/4" Mesh Fabric, Add	*1,710.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-855.38*	
		For Gate With Barb Wire Arm, Add	*1,081.51*	
		For Vinyl Coated, Add	*2,949.58*	
32 31 13 13-0560		5' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0549)*		
32 31 13 13-0561	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,475.83	472.81
		For 1" Mesh Fabric, Add	*1,100.65*	
		For 1-1/4" Mesh Fabric, Add	*708.46*	
		For 1-3/4" Mesh Fabric, Add	*440.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-220.13*	
		For Gate With Barb Wire Arm, Add	*278.32*	
		For Vinyl Coated, Add	*759.07*	
32 31 13 13-0562	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,169.68	566.76
		For 1" Mesh Fabric, Add	*1,320.78*	
		For 1-1/4" Mesh Fabric, Add	*850.16*	
		For 1-3/4" Mesh Fabric, Add	*528.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-264.16*	
		For Gate With Barb Wire Arm, Add	*333.99*	
		For Vinyl Coated, Add	*910.88*	
32 31 13 13-0563	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,864.40	661.11
		For 1" Mesh Fabric, Add	*1,540.91*	
		For 1-1/4" Mesh Fabric, Add	*991.85*	
		For 1-3/4" Mesh Fabric, Add	*616.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-308.18*	
		For Gate With Barb Wire Arm, Add	*389.66*	
		For Vinyl Coated, Add	*1,062.70*	
32 31 13 13-0564	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,559.69	755.73
		For 1" Mesh Fabric, Add	*1,761.04*	
		For 1-1/4" Mesh Fabric, Add	*1,133.54*	
		For 1-3/4" Mesh Fabric, Add	*704.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-352.21*	
		For Gate With Barb Wire Arm, Add	*445.32*	
		For Vinyl Coated, Add	*1,214.51*	
32 31 13 13-0565	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,254.34	849.94
		For 1" Mesh Fabric, Add	*1,981.16*	
		For 1-1/4" Mesh Fabric, Add	*1,275.23*	
		For 1-3/4" Mesh Fabric, Add	*792.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-396.23*	
		For Gate With Barb Wire Arm, Add	*500.98*	
		For Vinyl Coated, Add	*1,366.32*	
32 31 13 13-0566	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,949.32	944.42
		For 1" Mesh Fabric, Add	*2,201.29*	
		For 1-1/4" Mesh Fabric, Add	*1,416.92*	
		For 1-3/4" Mesh Fabric, Add	*880.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-440.26*	
		For Gate With Barb Wire Arm, Add	*556.65*	
		For Vinyl Coated, Add	*1,518.13*	
32 31 13 13-0567	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	8,297.22	1,134.58
		For 1" Mesh Fabric, Add	*2,622.18*	
		For 1-1/4" Mesh Fabric, Add	*1,687.84*	
		For 1-3/4" Mesh Fabric, Add	*1,048.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-524.44*	
		For Gate With Barb Wire Arm, Add	*663.08*	
		For Vinyl Coated, Add	*1,808.40*	
32 31 13 13-0568	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	10,424.50	1,416.97
		For 1" Mesh Fabric, Add	*3,301.94*	
		For 1-1/4" Mesh Fabric, Add	*2,125.39*	
		For 1-3/4" Mesh Fabric, Add	*1,320.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-660.39*	
		For Gate With Barb Wire Arm, Add	*834.97*	
		For Vinyl Coated, Add	*2,277.20*	
32 31 13 13-0569	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	13,898.66	1,888.84
		For 1" Mesh Fabric, Add	*4,402.59*	
		For 1-1/4" Mesh Fabric, Add	*2,833.85*	
		For 1-3/4" Mesh Fabric, Add	*1,761.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-880.52*	
		For Gate With Barb Wire Arm, Add	*1,113.30*	
		For Vinyl Coated, Add	*3,036.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0570		**6' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0549)*		
32 31 13 13-0571	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,689.32	554.31
		For 1" Mesh Fabric, Add	*1,122.64*	
		For 1-1/4" Mesh Fabric, Add	*722.62*	
		For 1-3/4" Mesh Fabric, Add	*449.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.53*	
		For Gate With Barb Wire Arm, Add	*283.89*	
		For Vinyl Coated, Add	*774.24*	
32 31 13 13-0572	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,423.29	663.12
		For 1" Mesh Fabric, Add	*1,347.17*	
		For 1-1/4" Mesh Fabric, Add	*867.15*	
		For 1-3/4" Mesh Fabric, Add	*538.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-269.43*	
		For Gate With Barb Wire Arm, Add	*340.66*	
		For Vinyl Coated, Add	*929.09*	
32 31 13 13-0573	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,160.25	773.52
		For 1" Mesh Fabric, Add	*1,571.70*	
		For 1-1/4" Mesh Fabric, Add	*1,011.67*	
		For 1-3/4" Mesh Fabric, Add	*628.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-314.34*	
		For Gate With Barb Wire Arm, Add	*397.44*	
		For Vinyl Coated, Add	*1,083.93*	
32 31 13 13-0574	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,897.72	884.19
		For 1" Mesh Fabric, Add	*1,796.23*	
		For 1-1/4" Mesh Fabric, Add	*1,156.20*	
		For 1-3/4" Mesh Fabric, Add	*718.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-359.25*	
		For Gate With Barb Wire Arm, Add	*454.22*	
		For Vinyl Coated, Add	*1,238.78*	
32 31 13 13-0575	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,634.69	994.61
		For 1" Mesh Fabric, Add	*2,020.76*	
		For 1-1/4" Mesh Fabric, Add	*1,300.72*	
		For 1-3/4" Mesh Fabric, Add	*808.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-404.15*	
		For Gate With Barb Wire Arm, Add	*511.00*	
		For Vinyl Coated, Add	*1,393.63*	
32 31 13 13-0576	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	7,379.11	1,108.76
		For 1" Mesh Fabric, Add	*2,245.29*	
		For 1-1/4" Mesh Fabric, Add	*1,445.25*	
		For 1-3/4" Mesh Fabric, Add	*898.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-449.06*	
		For Gate With Barb Wire Arm, Add	*567.77*	
		For Vinyl Coated, Add	*1,548.48*	
32 31 13 13-0577	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,801.15	1,326.36
		For 1" Mesh Fabric, Add	*2,674.58*	
		For 1-1/4" Mesh Fabric, Add	*1,721.57*	
		For 1-3/4" Mesh Fabric, Add	*1,069.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-534.92*	
		For Gate With Barb Wire Arm, Add	*676.33*	
		For Vinyl Coated, Add	*1,844.54*	
32 31 13 13-0578	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	11,059.04	1,658.39
		For 1" Mesh Fabric, Add	*3,367.94*	
		For 1-1/4" Mesh Fabric, Add	*2,167.87*	
		For 1-3/4" Mesh Fabric, Add	*1,347.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-673.59*	
		For Gate With Barb Wire Arm, Add	*851.66*	
		For Vinyl Coated, Add	*2,322.71*	
32 31 13 13-0579	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	14,743.56	2,210.16
		For 1" Mesh Fabric, Add	*4,490.58*	
		For 1-1/4" Mesh Fabric, Add	*2,890.49*	
		For 1-3/4" Mesh Fabric, Add	*1,796.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-898.12*	
		For Gate With Barb Wire Arm, Add	*1,135.55*	
		For Vinyl Coated, Add	*3,096.95*	
32 31 13 13-0580		**7' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0549)*		
32 31 13 13-0581	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,918.50	618.28
		For 1" Mesh Fabric, Add	*1,166.64*	
		For 1-1/4" Mesh Fabric, Add	*750.94*	
		For 1-3/4" Mesh Fabric, Add	*466.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-233.33*	
		For Gate With Barb Wire Arm, Add	*295.01*	
		For Vinyl Coated, Add	*804.58*	
32 31 13 13-0582	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,701.26	741.40
		For 1" Mesh Fabric, Add	*1,400.01*	
		For 1-1/4" Mesh Fabric, Add	*901.15*	
		For 1-3/4" Mesh Fabric, Add	*560.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.00*	
		For Gate With Barb Wire Arm, Add	*354.03*	
		For Vinyl Coated, Add	*965.52*	
32 31 13 13-0583	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,485.96	865.60
		For 1" Mesh Fabric, Add	*1,633.29*	
		For 1-1/4" Mesh Fabric, Add	*1,051.31*	
		For 1-3/4" Mesh Fabric, Add	*653.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.66*	
		For Gate With Barb Wire Arm, Add	*413.02*	
		For Vinyl Coated, Add	*1,126.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0584	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,268.59	988.71
		For 1" Mesh Fabric, Add	*1,866.62*	
		For 1-1/4" Mesh Fabric, Add	*1,201.51*	
		For 1-3/4" Mesh Fabric, Add	*746.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-373.32*	
		For Gate With Barb Wire Arm, Add	*472.02*	
		For Vinyl Coated, Add	*1,287.33*	
32 31 13 13-0585	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,052.36	1,112.51
		For 1" Mesh Fabric, Add	*2,099.95*	
		For 1-1/4" Mesh Fabric, Add	*1,351.69*	
		For 1-3/4" Mesh Fabric, Add	*839.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-419.99*	
		For Gate With Barb Wire Arm, Add	*531.02*	
		For Vinyl Coated, Add	*1,448.24*	
32 31 13 13-0586	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,835.29	1,235.76
		For 1" Mesh Fabric, Add	*2,333.28*	
		For 1-1/4" Mesh Fabric, Add	*1,501.88*	
		For 1-3/4" Mesh Fabric, Add	*933.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-466.66*	
		For Gate With Barb Wire Arm, Add	*590.03*	
		For Vinyl Coated, Add	*1,609.16*	
32 31 13 13-0587	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	9,355.13	1,482.81
		For 1" Mesh Fabric, Add	*2,779.40*	
		For 1-1/4" Mesh Fabric, Add	*1,789.04*	
		For 1-3/4" Mesh Fabric, Add	*1,111.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-555.88*	
		For Gate With Barb Wire Arm, Add	*702.84*	
		For Vinyl Coated, Add	*1,916.83*	
32 31 13 13-0588	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	11,752.91	1,853.51
		For 1" Mesh Fabric, Add	*3,499.91*	
		For 1-1/4" Mesh Fabric, Add	*2,252.82*	
		For 1-3/4" Mesh Fabric, Add	*1,399.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-699.98*	
		For Gate With Barb Wire Arm, Add	*885.04*	
		For Vinyl Coated, Add	*2,413.73*	
32 31 13 13-0589	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	15,670.57	2,471.39
		For 1" Mesh Fabric, Add	*4,666.56*	
		For 1-1/4" Mesh Fabric, Add	*3,003.76*	
		For 1-3/4" Mesh Fabric, Add	*1,866.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-933.31*	
		For Gate With Barb Wire Arm, Add	*1,180.05*	
		For Vinyl Coated, Add	*3,218.32*	

32 31 13 13-0590 8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0549)*

32 31 13 13-0591	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,101.02	669.80
		For 1" Mesh Fabric, Add	*1,201.21*	
		For 1-1/4" Mesh Fabric, Add	*773.19*	
		For 1-3/4" Mesh Fabric, Add	*480.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.24*	
		For Gate With Barb Wire Arm, Add	*303.75*	
		For Vinyl Coated, Add	*828.42*	
32 31 13 13-0592	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,917.36	801.89
		For 1" Mesh Fabric, Add	*1,441.45*	
		For 1-1/4" Mesh Fabric, Add	*927.83*	
		For 1-3/4" Mesh Fabric, Add	*576.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-288.29*	
		For Gate With Barb Wire Arm, Add	*364.50*	
		For Vinyl Coated, Add	*994.10*	
32 31 13 13-0593	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,737.00	935.59
		For 1" Mesh Fabric, Add	*1,681.68*	
		For 1-1/4" Mesh Fabric, Add	*1,082.46*	
		For 1-3/4" Mesh Fabric, Add	*672.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-336.34*	
		For Gate With Barb Wire Arm, Add	*425.25*	
		For Vinyl Coated, Add	*1,159.78*	
32 31 13 13-0594	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,556.89	1,069.29
		For 1" Mesh Fabric, Add	*1,921.93*	
		For 1-1/4" Mesh Fabric, Add	*1,237.10*	
		For 1-3/4" Mesh Fabric, Add	*768.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-384.39*	
		For Gate With Barb Wire Arm, Add	*486.00*	
		For Vinyl Coated, Add	*1,325.47*	
32 31 13 13-0595	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,375.30	1,202.44
		For 1" Mesh Fabric, Add	*2,162.17*	
		For 1-1/4" Mesh Fabric, Add	*1,391.74*	
		For 1-3/4" Mesh Fabric, Add	*864.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-432.43*	
		For Gate With Barb Wire Arm, Add	*546.76*	
		For Vinyl Coated, Add	*1,491.15*	
32 31 13 13-0596	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,195.32	1,336.26
		For 1" Mesh Fabric, Add	*2,402.41*	
		For 1-1/4" Mesh Fabric, Add	*1,546.38*	
		For 1-3/4" Mesh Fabric, Add	*960.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-480.48*	
		For Gate With Barb Wire Arm, Add	*607.51*	
		For Vinyl Coated, Add	*1,656.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0597	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	9,786.10	1,603.66
		For 1" Mesh Fabric, Add	*2,861.75*	
		For 1-1/4" Mesh Fabric, Add	*1,842.04*	
		For 1-3/4" Mesh Fabric, Add	*1,144.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-572.35*	
		For Gate With Barb Wire Arm, Add	*723.66*	
		For Vinyl Coated, Add	*1,973.62*	
32 31 13 13-0598	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	12,294.00	2,004.87
		For 1" Mesh Fabric, Add	*3,603.62*	
		For 1-1/4" Mesh Fabric, Add	*2,319.57*	
		For 1-3/4" Mesh Fabric, Add	*1,441.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-720.72*	
		For Gate With Barb Wire Arm, Add	*911.26*	
		For Vinyl Coated, Add	*2,485.26*	
32 31 13 13-0599	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	16,387.98	2,671.20
		For 1" Mesh Fabric, Add	*4,804.82*	
		For 1-1/4" Mesh Fabric, Add	*3,092.76*	
		For 1-3/4" Mesh Fabric, Add	*1,921.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-960.96*	
		For Gate With Barb Wire Arm, Add	*1,215.01*	
		For Vinyl Coated, Add	*3,313.67*	
32 31 13 13-0600		**9' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0549)*		
32 31 13 13-0601	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,316.70	730.70
		For 1" Mesh Fabric, Add	*1,242.06*	
		For 1-1/4" Mesh Fabric, Add	*799.48*	
		For 1-3/4" Mesh Fabric, Add	*496.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-248.41*	
		For Gate With Barb Wire Arm, Add	*314.08*	
		For Vinyl Coated, Add	*856.59*	
32 31 13 13-0602	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,174.60	874.16
		For 1" Mesh Fabric, Add	*1,490.47*	
		For 1-1/4" Mesh Fabric, Add	*959.38*	
		For 1-3/4" Mesh Fabric, Add	*596.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-298.09*	
		For Gate With Barb Wire Arm, Add	*376.90*	
		For Vinyl Coated, Add	*1,027.91*	
32 31 13 13-0603	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,036.71	1,019.64
		For 1" Mesh Fabric, Add	*1,738.89*	
		For 1-1/4" Mesh Fabric, Add	*1,119.28*	
		For 1-3/4" Mesh Fabric, Add	*695.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-347.78*	
		For Gate With Barb Wire Arm, Add	*439.72*	
		For Vinyl Coated, Add	*1,199.23*	
32 31 13 13-0604	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,899.96	1,165.77
		For 1" Mesh Fabric, Add	*1,987.29*	
		For 1-1/4" Mesh Fabric, Add	*1,279.17*	
		For 1-3/4" Mesh Fabric, Add	*794.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.46*	
		For Gate With Barb Wire Arm, Add	*502.53*	
		For Vinyl Coated, Add	*1,370.54*	
32 31 13 13-0605	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,762.33	1,311.38
		For 1" Mesh Fabric, Add	*2,235.70*	
		For 1-1/4" Mesh Fabric, Add	*1,439.07*	
		For 1-3/4" Mesh Fabric, Add	*894.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.14*	
		For Gate With Barb Wire Arm, Add	*565.35*	
		For Vinyl Coated, Add	*1,541.87*	
32 31 13 13-0606	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	8,624.66	1,456.98
		For 1" Mesh Fabric, Add	*2,484.12*	
		For 1-1/4" Mesh Fabric, Add	*1,598.97*	
		For 1-3/4" Mesh Fabric, Add	*993.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-496.82*	
		For Gate With Barb Wire Arm, Add	*628.17*	
		For Vinyl Coated, Add	*1,713.19*	
32 31 13 13-0607	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	10,298.93	1,748.18
		For 1" Mesh Fabric, Add	*2,959.07*	
		For 1-1/4" Mesh Fabric, Add	*1,904.69*	
		For 1-3/4" Mesh Fabric, Add	*1,183.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-591.81*	
		For Gate With Barb Wire Arm, Add	*748.27*	
		For Vinyl Coated, Add	*2,040.74*	
32 31 13 13-0608	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	12,935.80	2,185.00
		For 1" Mesh Fabric, Add	*3,726.18*	
		For 1-1/4" Mesh Fabric, Add	*2,398.46*	
		For 1-3/4" Mesh Fabric, Add	*1,490.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-745.24*	
		For Gate With Barb Wire Arm, Add	*942.25*	
		For Vinyl Coated, Add	*2,569.78*	
32 31 13 13-0609	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	17,252.50	2,915.70
		For 1" Mesh Fabric, Add	*4,968.24*	
		For 1-1/4" Mesh Fabric, Add	*3,197.95*	
		For 1-3/4" Mesh Fabric, Add	*1,987.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-993.65*	
		For Gate With Barb Wire Arm, Add	*1,256.34*	
		For Vinyl Coated, Add	*3,426.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 13 13-0610 10' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0549)*

32 31 13 13-0611	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,585.64	803.77
		For 1" Mesh Fabric, Add	*1,295.48*	
		For 1-1/4" Mesh Fabric, Add	*833.87*	
		For 1-3/4" Mesh Fabric, Add	*518.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-259.10*	
		For Gate With Barb Wire Arm, Add	*327.59*	
		For Vinyl Coated, Add	*893.43*	
32 31 13 13-0612	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,502.78	964.49
		For 1" Mesh Fabric, Add	*1,554.58*	
		For 1-1/4" Mesh Fabric, Add	*1,000.65*	
		For 1-3/4" Mesh Fabric, Add	*621.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-310.92*	
		For Gate With Barb Wire Arm, Add	*393.11*	
		For Vinyl Coated, Add	*1,072.12*	
32 31 13 13-0613	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,420.46	1,125.49
		For 1" Mesh Fabric, Add	*1,813.68*	
		For 1-1/4" Mesh Fabric, Add	*1,167.42*	
		For 1-3/4" Mesh Fabric, Add	*725.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-362.74*	
		For Gate With Barb Wire Arm, Add	*458.63*	
		For Vinyl Coated, Add	*1,250.81*	
32 31 13 13-0614	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,337.36	1,286.22
		For 1" Mesh Fabric, Add	*2,072.77*	
		For 1-1/4" Mesh Fabric, Add	*1,334.20*	
		For 1-3/4" Mesh Fabric, Add	*829.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-414.55*	
		For Gate With Barb Wire Arm, Add	*524.15*	
		For Vinyl Coated, Add	*1,429.50*	
32 31 13 13-0615	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,254.17	1,446.81
		For 1" Mesh Fabric, Add	*2,331.86*	
		For 1-1/4" Mesh Fabric, Add	*1,500.97*	
		For 1-3/4" Mesh Fabric, Add	*932.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-466.37*	
		For Gate With Barb Wire Arm, Add	*589.67*	
		For Vinyl Coated, Add	*1,608.18*	
32 31 13 13-0616	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	9,171.31	1,607.53
		For 1" Mesh Fabric, Add	*2,590.96*	
		For 1-1/4" Mesh Fabric, Add	*1,667.74*	
		For 1-3/4" Mesh Fabric, Add	*1,036.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-518.19*	
		For Gate With Barb Wire Arm, Add	*655.19*	
		For Vinyl Coated, Add	*1,786.87*	
32 31 13 13-0617	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,954.53	1,929.79
		For 1" Mesh Fabric, Add	*3,086.35*	
		For 1-1/4" Mesh Fabric, Add	*1,986.61*	
		For 1-3/4" Mesh Fabric, Add	*1,234.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-617.27*	
		For Gate With Barb Wire Arm, Add	*780.46*	
		For Vinyl Coated, Add	*2,128.52*	
32 31 13 13-0618	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	13,756.95	2,411.30
		For 1" Mesh Fabric, Add	*3,886.44*	
		For 1-1/4" Mesh Fabric, Add	*2,501.62*	
		For 1-3/4" Mesh Fabric, Add	*1,554.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-777.29*	
		For Gate With Barb Wire Arm, Add	*982.78*	
		For Vinyl Coated, Add	*2,680.30*	
32 31 13 13-0619	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	18,338.76	3,213.20
		For 1" Mesh Fabric, Add	*5,181.92*	
		For 1-1/4" Mesh Fabric, Add	*3,335.49*	
		For 1-3/4" Mesh Fabric, Add	*2,072.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,036.38*	
		For Gate With Barb Wire Arm, Add	*1,310.37*	
		For Vinyl Coated, Add	*3,573.74*	

32 31 13 13-0620 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0266)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0621	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	8,492.18	535.31
		For 1" Mesh Fabric, Add	*3,228.38*	
		For 1-1/4" Mesh Fabric, Add	*2,078.04*	
		For 1-3/4" Mesh Fabric, Add	*1,291.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-645.68*	
		For Gate With Single Barb Wire Arm, Add	*816.37*	
		For Gate With Double Barb Wire Arm, Add	*1,187.45*	
		For Aluminized Steel Gate And Post, Add	*3,562.35*	
		For Powder Coated Gate And Post, Add	*1,558.53*	
		For Vinyl Coated, Add	*2,226.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0622	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	9,265.04	669.14
		For 1" Mesh Fabric, Add	*3,448.14*	
		For 1-1/4" Mesh Fabric, Add	*2,219.50*	
		For 1-3/4" Mesh Fabric, Add	*1,379.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-689.63*	
		For Gate With Single Barb Wire Arm, Add	*871.94*	
		For Gate With Double Barb Wire Arm, Add	*1,268.28*	
		For Aluminized Steel Gate And Post, Add	*3,804.85*	
		For Powder Coated Gate And Post, Add	*1,664.62*	
		For Vinyl Coated, Add	*2,378.03*	
32 31 13 13-0623	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	10,044.85	802.96
		For 1" Mesh Fabric, Add	*3,670.93*	
		For 1-1/4" Mesh Fabric, Add	*2,362.90*	
		For 1-3/4" Mesh Fabric, Add	*1,468.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-734.19*	
		For Gate With Single Barb Wire Arm, Add	*928.28*	
		For Gate With Double Barb Wire Arm, Add	*1,350.23*	
		For Aluminized Steel Gate And Post, Add	*4,050.68*	
		For Powder Coated Gate And Post, Add	*1,772.17*	
		For Vinyl Coated, Add	*2,531.68*	
32 31 13 13-0624	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	11,705.35	1,070.62
		For 1" Mesh Fabric, Add	*4,160.39*	
		For 1-1/4" Mesh Fabric, Add	*2,677.95*	
		For 1-3/4" Mesh Fabric, Add	*1,664.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-832.08*	
		For Gate With Single Barb Wire Arm, Add	*1,052.05*	
		For Gate With Double Barb Wire Arm, Add	*1,530.26*	
		For Aluminized Steel Gate And Post, Add	*4,590.77*	
		For Powder Coated Gate And Post, Add	*2,008.46*	
		For Vinyl Coated, Add	*2,869.23*	
32 31 13 13-0625	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	10,832.33	1,070.62
		For 1" Mesh Fabric, Add	*3,780.62*	
		For 1-1/4" Mesh Fabric, Add	*2,433.51*	
		For 1-3/4" Mesh Fabric, Add	*1,512.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-756.12*	
		For Gate With Single Barb Wire Arm, Add	*956.02*	
		For Gate With Double Barb Wire Arm, Add	*1,390.57*	
		For Aluminized Steel Gate And Post, Add	*4,171.72*	
		For Powder Coated Gate And Post, Add	*1,825.13*	
		For Vinyl Coated, Add	*2,607.33*	
32 31 13 13-0626	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	12,598.29	1,405.19
		For 1" Mesh Fabric, Add	*4,257.74*	
		For 1-1/4" Mesh Fabric, Add	*2,740.61*	
		For 1-3/4" Mesh Fabric, Add	*1,703.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-851.55*	
		For Gate With Single Barb Wire Arm, Add	*1,076.67*	
		For Gate With Double Barb Wire Arm, Add	*1,566.07*	
		For Aluminized Steel Gate And Post, Add	*4,698.20*	
		For Powder Coated Gate And Post, Add	*2,055.46*	
		For Vinyl Coated, Add	*2,936.37*	
32 31 13 13-0627	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	16,782.66	1,739.75
		For 1" Mesh Fabric, Add	*5,786.87*	
		For 1-1/4" Mesh Fabric, Add	*3,724.88*	
		For 1-3/4" Mesh Fabric, Add	*2,314.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,157.37*	
		For Gate With Single Barb Wire Arm, Add	*1,463.35*	
		For Gate With Double Barb Wire Arm, Add	*2,128.50*	
		For Aluminized Steel Gate And Post, Add	*6,385.51*	
		For Powder Coated Gate And Post, Add	*2,793.66*	
		For Vinyl Coated, Add	*3,990.95*	
32 31 13 13-0628	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	18,830.34	2,074.32
		For 1" Mesh Fabric, Add	*6,386.54*	
		For 1-1/4" Mesh Fabric, Add	*4,110.87*	
		For 1-3/4" Mesh Fabric, Add	*2,554.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,277.31*	
		For Gate With Single Barb Wire Arm, Add	*1,614.99*	
		For Gate With Double Barb Wire Arm, Add	*2,349.07*	
		For Aluminized Steel Gate And Post, Add	*7,047.21*	
		For Powder Coated Gate And Post, Add	*3,083.15*	
		For Vinyl Coated, Add	*4,404.51*	
32 31 13 13-0629	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate	22,168.17	2,275.06
		For 1" Mesh Fabric, Add	*7,663.84*	
		For 1-1/4" Mesh Fabric, Add	*4,933.05*	
		For 1-3/4" Mesh Fabric, Add	*3,065.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,532.77*	
		For Gate With Single Barb Wire Arm, Add	*1,937.98*	
		For Gate With Double Barb Wire Arm, Add	*2,818.88*	
		For Aluminized Steel Gate And Post, Add	*8,456.65*	
		For Powder Coated Gate And Post, Add	*3,699.79*	
		For Vinyl Coated, Add	*5,285.41*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0630	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	12,620.10	1,338.27
		For 1" Mesh Fabric, Add	*4,325.44*	
		For 1-1/4" Mesh Fabric, Add	*2,784.19*	
		For 1-3/4" Mesh Fabric, Add	*1,730.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-865.09*	
		For Gate With Single Barb Wire Arm, Add	*1,093.79*	
		For Gate With Double Barb Wire Arm, Add	*1,590.97*	
		For Aluminized Steel Gate And Post, Add	*4,772.90*	
		For Powder Coated Gate And Post, Add	*2,088.15*	
		For Vinyl Coated, Add	*2,983.07*	
32 31 13 13-0631	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	14,809.89	1,806.67
		For 1" Mesh Fabric, Add	*4,870.50*	
		For 1-1/4" Mesh Fabric, Add	*3,135.03*	
		For 1-3/4" Mesh Fabric, Add	*1,948.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-974.10*	
		For Gate With Single Barb Wire Arm, Add	*1,231.62*	
		For Gate With Double Barb Wire Arm, Add	*1,791.45*	
		For Aluminized Steel Gate And Post, Add	*5,374.34*	
		For Powder Coated Gate And Post, Add	*2,351.28*	
		For Vinyl Coated, Add	*3,358.97*	
32 31 13 13-0632	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	19,767.77	2,275.06
		For 1" Mesh Fabric, Add	*6,619.67*	
		For 1-1/4" Mesh Fabric, Add	*4,260.94*	
		For 1-3/4" Mesh Fabric, Add	*2,647.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,323.93*	
		For Gate With Single Barb Wire Arm, Add	*1,673.94*	
		For Gate With Double Barb Wire Arm, Add	*2,434.82*	
		For Aluminized Steel Gate And Post, Add	*7,304.46*	
		For Powder Coated Gate And Post, Add	*3,195.70*	
		For Vinyl Coated, Add	*4,565.29*	
32 31 13 13-0633	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	22,145.73	2,676.55
		For 1" Mesh Fabric, Add	*7,304.79*	
		For 1-1/4" Mesh Fabric, Add	*4,701.94*	
		For 1-3/4" Mesh Fabric, Add	*2,921.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,460.96*	
		For Gate With Single Barb Wire Arm, Add	*1,847.19*	
		For Gate With Double Barb Wire Arm, Add	*2,686.82*	
		For Aluminized Steel Gate And Post, Add	*8,060.46*	
		For Powder Coated Gate And Post, Add	*3,526.45*	
		For Vinyl Coated, Add	*5,037.79*	
32 31 13 13-0634	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate	26,039.57	2,944.20
		For 1" Mesh Fabric, Add	*8,765.75*	
		For 1-1/4" Mesh Fabric, Add	*5,642.32*	
		For 1-3/4" Mesh Fabric, Add	*3,506.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,753.15*	
		For Gate With Single Barb Wire Arm, Add	*2,216.63*	
		For Gate With Double Barb Wire Arm, Add	*3,224.19*	
		For Aluminized Steel Gate And Post, Add	*9,672.56*	
		For Powder Coated Gate And Post, Add	*4,231.74*	
		For Vinyl Coated, Add	*6,045.35*	
32 31 13 13-0635	EA	10' High x 15' Wide Galvanized Cantilever Sliding Gate	14,398.35	1,605.93
		For 1" Mesh Fabric, Add	*4,866.12*	
		For 1-1/4" Mesh Fabric, Add	*3,132.22*	
		For 1-3/4" Mesh Fabric, Add	*1,946.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-973.22*	
		For Gate With Single Barb Wire Arm, Add	*1,230.51*	
		For Gate With Double Barb Wire Arm, Add	*1,789.84*	
		For Aluminized Steel Gate And Post, Add	*5,369.52*	
		For Powder Coated Gate And Post, Add	*2,349.16*	
		For Vinyl Coated, Add	*3,355.95*	
32 31 13 13-0636	EA	10' High x 20' Wide Galvanized Cantilever Sliding Gate	16,604.81	2,074.32
		For 1" Mesh Fabric, Add	*5,418.43*	
		For 1-1/4" Mesh Fabric, Add	*3,487.72*	
		For 1-3/4" Mesh Fabric, Add	*2,167.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,083.69*	
		For Gate With Single Barb Wire Arm, Add	*1,370.18*	
		For Gate With Double Barb Wire Arm, Add	*1,992.99*	
		For Aluminized Steel Gate And Post, Add	*5,978.96*	
		For Powder Coated Gate And Post, Add	*2,615.79*	
		For Vinyl Coated, Add	*3,736.85*	
32 31 13 13-0637	EA	10' High x 25' Wide Galvanized Cantilever Sliding Gate	21,937.63	2,408.89
		For 1" Mesh Fabric, Add	*7,447.13*	
		For 1-1/4" Mesh Fabric, Add	*4,793.56*	
		For 1-3/4" Mesh Fabric, Add	*2,978.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,489.43*	
		For Gate With Single Barb Wire Arm, Add	*1,883.18*	
		For Gate With Double Barb Wire Arm, Add	*2,739.17*	
		For Aluminized Steel Gate And Post, Add	*8,217.52*	
		For Powder Coated Gate And Post, Add	*3,595.17*	
		For Vinyl Coated, Add	*5,135.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0638	EA	10' High x 30' Wide Galvanized Cantilever Sliding Gate	24,512.47	2,810.37
		For 1" Mesh Fabric, Add	*8,217.89*	
		For 1-1/4" Mesh Fabric, Add	*5,289.68*	
		For 1-3/4" Mesh Fabric, Add	*3,287.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,643.58*	
		For Gate With Single Barb Wire Arm, Add	*2,078.09*	
		For Gate With Double Barb Wire Arm, Add	*3,022.67*	
		For Aluminized Steel Gate And Post, Add	*9,068.02*	
		For Powder Coated Gate And Post, Add	*3,967.26*	
		For Vinyl Coated, Add	*5,667.51*	
32 31 13 13-0639	EA	10' High x 36' Wide Galvanized Cantilever Sliding Gate	28,826.13	3,078.03
		For 1" Mesh Fabric, Add	*9,861.48*	
		For 1-1/4" Mesh Fabric, Add	*6,347.62*	
		For 1-3/4" Mesh Fabric, Add	*3,944.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,972.30*	
		For Gate With Single Barb Wire Arm, Add	*2,493.71*	
		For Gate With Double Barb Wire Arm, Add	*3,627.21*	
		For Aluminized Steel Gate And Post, Add	*10,881.63*	
		For Powder Coated Gate And Post, Add	*4,760.71*	
		For Vinyl Coated, Add	*6,801.02*	
32 31 13 13-0640	EA	12' High x 15' Wide Galvanized Cantilever Sliding Gate	17,037.13	1,806.67
		For 1" Mesh Fabric, Add	*5,839.35*	
		For 1-1/4" Mesh Fabric, Add	*3,758.66*	
		For 1-3/4" Mesh Fabric, Add	*2,335.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,167.87*	
		For Gate With Single Barb Wire Arm, Add	*1,476.62*	
		For Gate With Double Barb Wire Arm, Add	*2,147.81*	
		For Aluminized Steel Gate And Post, Add	*6,443.42*	
		For Powder Coated Gate And Post, Add	*2,819.00*	
		For Vinyl Coated, Add	*4,027.14*	
32 31 13 13-0641	EA	12' High x 20' Wide Galvanized Cantilever Sliding Gate	19,665.48	2,275.06
		For 1" Mesh Fabric, Add	*6,575.17*	
		For 1-1/4" Mesh Fabric, Add	*4,232.30*	
		For 1-3/4" Mesh Fabric, Add	*2,630.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,315.03*	
		For Gate With Single Barb Wire Arm, Add	*1,662.69*	
		For Gate With Double Barb Wire Arm, Add	*2,418.45*	
		For Aluminized Steel Gate And Post, Add	*7,255.36*	
		For Powder Coated Gate And Post, Add	*3,174.22*	
		For Vinyl Coated, Add	*4,534.60*	
32 31 13 13-0642	EA	12' High x 25' Wide Galvanized Cantilever Sliding Gate	25,763.07	2,609.63
		For 1" Mesh Fabric, Add	*8,936.55*	
		For 1-1/4" Mesh Fabric, Add	*5,752.26*	
		For 1-3/4" Mesh Fabric, Add	*3,574.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,787.31*	
		For Gate With Single Barb Wire Arm, Add	*2,259.82*	
		For Gate With Double Barb Wire Arm, Add	*3,287.01*	
		For Aluminized Steel Gate And Post, Add	*9,861.02*	
		For Powder Coated Gate And Post, Add	*4,314.20*	
		For Vinyl Coated, Add	*6,163.14*	
32 31 13 13-0643	EA	12' High x 30' Wide Galvanized Cantilever Sliding Gate	28,558.47	2,944.20
		For 1" Mesh Fabric, Add	*9,861.48*	
		For 1-1/4" Mesh Fabric, Add	*6,347.62*	
		For 1-3/4" Mesh Fabric, Add	*3,944.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,972.30*	
		For Gate With Single Barb Wire Arm, Add	*2,493.71*	
		For Gate With Double Barb Wire Arm, Add	*3,627.21*	
		For Aluminized Steel Gate And Post, Add	*10,881.63*	
		For Powder Coated Gate And Post, Add	*4,760.71*	
		For Vinyl Coated, Add	*6,801.02*	
32 31 13 13-0644	EA	12' High x 36' Wide Galvanized Cantilever Sliding Gate	32,452.30	3,211.86
		For 1" Mesh Fabric, Add	*11,322.43*	
		For 1-1/4" Mesh Fabric, Add	*7,288.00*	
		For 1-3/4" Mesh Fabric, Add	*4,528.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-2,264.49*	
		For Gate With Single Barb Wire Arm, Add	*2,863.14*	
		For Gate With Double Barb Wire Arm, Add	*4,164.57*	
		For Aluminized Steel Gate And Post, Add	*12,493.72*	
		For Powder Coated Gate And Post, Add	*5,466.00*	
		For Vinyl Coated, Add	*7,808.57*	

32 31 13 13-0645 Gate Accessories *(32 31 13 13-0266)*

32 31 13 13-0646	EA	3" Wheel Diameter, 1" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 100 Lb. max weight capacity	62.85	14.43
32 31 13 13-0647	EA	4" Wheel Diameter, 1-1/4" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 225 Lb. max weight capacity	73.10	14.43
32 31 13 13-0648	EA	6" Wheel Diameter, 2" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 550 Lb. max weight capacity	138.94	14.43
32 31 13 13-0649	EA	Gate Center Stop, Cast Steel, Ground	42.67	
32 31 13 13-0650	EA	Gate Latch, Malleable Galvanized Steel	50.42	
32 31 13 13-0651	EA	Gate Keeper, Full Length, Galvanized Steel	223.78	
32 31 13 13-0652	EA	Gate Keeper Hold-Open For Cantilever Gate	116.26	21.96
32 31 13 13-0653	EA	Heavy-Duty Gate Latch, Malleable Galvanized Steel	66.17	
32 31 13 13-0654	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	1,145.54	
32 31 13 13-0655	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	1,228.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0656	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	1,311.09	
32 31 13 13-0657	LF	Aluminum V-Groove Gate Track	62.53	12.69
32 31 13 13-0658	LF	Galvanized Steel V-Groove Gate Track	46.38	12.69

32 31 13 13-0659 Vertical-Pivot Lift Gate *(32 31 13 13-0266)*

Note: Includes 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes operator. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate.

32 31 13 13-0660	EA	5' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	33,469.58	1,003.70
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0661	EA	5' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	33,871.06	1,204.45
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0662	EA	5' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	34,272.54	1,405.19
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0663	EA	5' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	35,068.54	1,605.93
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0664	EA	5' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	35,844.81	1,806.67
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0665	EA	6' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	34,841.10	1,304.82
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0666	EA	6' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	35,242.58	1,505.56
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0667	EA	6' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	35,644.07	1,706.30
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0668	EA	6' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	36,262.53	1,907.04
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0669	EA	6' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	37,216.32	2,107.78
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	

32 31 13 13-0670 Accessories *(32 31 13 13)*

32 31 13 13-0671 Barbed And Concertina Wire *(32 31 13 13-0670)*

32 31 13 13-0672 Single Strand Barbed Wire *(32 31 13 13-0671)*

32 31 13 13-0673	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 1, Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.30	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0674	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 3, Galvanized Barbed Wire, Per Strand	1.35	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0675	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.46	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0676	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 3 Strand, 45 Degree, Galvanized Steel, Barbed Wire Single Arm Mounted On Top Of Post	17.93	9.25
32 31 13 13-0677	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 6 Strand, 45 Degree, Galvanized Steel, Barbed Wire V-Barb Arm Mounted On Top Of Post	30.43	11.09
32 31 13 13-0678	EA	Barbed Wire Eye Tops (For Single Strand) Mounted On Top Of Post	15.07	9.25

32 31 13 13-0679 Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0671)*

32 31 13 13-0680	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.05	0.81
		For >500 To 1,500, Deduct	*-0.51*	
		For >1,500 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-1.44*	
		For Ground Installation, Deduct	*-0.58*	
		For Double Coil (Helix), Add	*4.90*	
32 31 13 13-0681	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.14	0.81
		For >500 To 1,500, Deduct	*-0.77*	
		For >1,500 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-2.18*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*7.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0682	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	12.10	0.81
		For >500 To 1,500, Deduct	*-1.02*	
		For >1,500 To 5,000, Deduct	*-2.05*	
		For >5,000, Deduct	*-2.88*	
		For Ground Installation, Deduct	*-1.16*	
		For Double Coil (Helix), Add	*9.79*	
32 31 13 13-0683	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.54	0.81
		For >500 To 1,500, Deduct	*-0.85*	
		For >1,500 To 5,000, Deduct	*-1.71*	
		For >5,000, Deduct	*-2.37*	
		For Ground Installation, Deduct	*-0.64*	
		For Double Coil (Helix), Add	*9.26*	
32 31 13 13-0684	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.93	0.81
		For >500 To 1,500, Deduct	*-1.29*	
		For >1,500 To 5,000, Deduct	*-2.58*	
		For >5,000, Deduct	*-3.57*	
		For Ground Installation, Deduct	*-0.96*	
		For Double Coil (Helix), Add	*14.01*	
32 31 13 13-0685	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	21.04	0.81
		For >500 To 1,500, Deduct	*-1.71*	
		For >1,500 To 5,000, Deduct	*-3.41*	
		For >5,000, Deduct	*-4.72*	
		For Ground Installation, Deduct	*-1.28*	
		For Double Coil (Helix), Add	*18.49*	
32 31 13 13-0686	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	34.16	0.81
		For >500 To 1,500, Deduct	*-2.63*	
		For >1,500 To 5,000, Deduct	*-5.27*	
		For >5,000, Deduct	*-7.12*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*32.72*	
32 31 13 13-0687	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.72	0.81
		For >500 To 1,500, Deduct	*-3.99*	
		For >1,500 To 5,000, Deduct	*-7.98*	
		For >5,000, Deduct	*-10.78*	
		For Ground Installation, Deduct	*-1.09*	
		For Double Coil (Helix), Add	*49.55*	
32 31 13 13-0688	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	68.33	0.81
		For >500 To 1,500, Deduct	*-5.27*	
		For >1,500 To 5,000, Deduct	*-10.54*	
		For >5,000, Deduct	*-14.24*	
		For Ground Installation, Deduct	*-1.45*	
		For Double Coil (Helix), Add	*65.44*	

32 31 13 13-0689 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0671)*

32 31 13 13-0690	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.42	0.81
		For >500 To 1,500, Deduct	*-0.91*	
		For >1,500 To 5,000, Deduct	*-1.83*	
		For >5,000, Deduct	*-2.52*	
		For Ground Installation, Deduct	*-0.58*	
		For Double Coil (Helix), Add	*10.27*	
32 31 13 13-0691	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	17.27	0.81
		For >500 To 1,500, Deduct	*-1.38*	
		For >1,500 To 5,000, Deduct	*-2.76*	
		For >5,000, Deduct	*-3.80*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*15.54*	
32 31 13 13-0692	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	22.84	0.81
		For >500 To 1,500, Deduct	*-1.83*	
		For >1,500 To 5,000, Deduct	*-3.66*	
		For >5,000, Deduct	*-5.03*	
		For Ground Installation, Deduct	*-1.16*	
		For Double Coil (Helix), Add	*20.53*	
32 31 13 13-0693	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.10	0.81
		For >500 To 1,500, Deduct	*-1.20*	
		For >1,500 To 5,000, Deduct	*-2.39*	
		For >5,000, Deduct	*-3.28*	
		For Ground Installation, Deduct	*-0.64*	
		For Double Coil (Helix), Add	*13.82*	
32 31 13 13-0694	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	22.83	0.81
		For >500 To 1,500, Deduct	*-1.81*	
		For >1,500 To 5,000, Deduct	*-3.62*	
		For >5,000, Deduct	*-4.95*	
		For Ground Installation, Deduct	*-0.96*	
		For Double Coil (Helix), Add	*20.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0695	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	30.15	0.81
		For >500 To 1,500, Deduct	*-2.39*	
		For >1,500 To 5,000, Deduct	*-4.78*	
		For >5,000, Deduct	*-6.54*	
		For Ground Installation, Deduct	*-1.28*	
		For Double Coil (Helix), Add	*27.60*	
32 31 13 13-0696	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.40	0.81
		For >500 To 1,500, Deduct	*-3.93*	
		For >1,500 To 5,000, Deduct	*-7.85*	
		For >5,000, Deduct	*-10.57*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*49.96*	
32 31 13 13-0697	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	77.84	0.81
		For >500 To 1,500, Deduct	*-5.95*	
		For >1,500 To 5,000, Deduct	*-11.89*	
		For >5,000, Deduct	*-16.00*	
		For Ground Installation, Deduct	*-1.09*	
		For Double Coil (Helix), Add	*75.67*	
32 31 13 13-0698	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	102.80	0.81
		For >500 To 1,500, Deduct	*-7.85*	
		For >1,500 To 5,000, Deduct	*-15.71*	
		For >5,000, Deduct	*-21.14*	
		For Ground Installation, Deduct	*-1.45*	
		For Double Coil (Helix), Add	*99.91*	

32 31 13 13-0699 Grounding For Gates *(32 31 13 13-0670)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0700	OPNG	Grounding For Gates Note: Per opening	521.19	

32 31 13 13-0701 Coiled Spring Reinforcing Wire *(32 31 13 13-0670)*

32 31 13 13-0702 Galvanized Steel *(32 31 13 13-0701)*

32 31 13 13-0703	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.37	0.58

32 31 13 13-0704 Vinyl Coated Steel *(32 31 13 13-0701)*

32 31 13 13-0705	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.36	0.58

32 31 13 13-0706 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0670)*

Note: Only where specified.

32 31 13 13-0707	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.87	
32 31 13 13-0708	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.64	

32 31 13 13-0709 Mounting Plate With Anchors Or Bolts *(32 31 13 13-0670)*

Note: For drilling for anchor or bolts, installing post on or against flat surface.

32 31 13 13-0710	EA	Mounting Plate For 1-5/8" Diameter Post	50.40	
32 31 13 13-0711	EA	Mounting Plate For 2" Diameter Post	51.20	
32 31 13 13-0712	EA	Mounting Plate For 2-1/2" Diameter Post	52.70	
32 31 13 13-0713	EA	Mounting Plate For 3" Diameter Post	63.30	
32 31 13 13-0714	EA	Mounting Plate For 4" Diameter Post	72.69	
32 31 13 13-0715	EA	Mounting Plate For 6-5/8" Diameter Post	84.07	
32 31 13 13-0716	EA	Mounting Plate For 8-5/8" Diameter Post	99.00	

32 31 13 13-0717 Tension Bar *(32 31 13 13-0670)*

32 31 13 13-0718	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	18.69	
32 31 13 13-0719	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	19.87	
32 31 13 13-0720	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	24.40	
32 31 13 13-0721	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	28.25	
32 31 13 13-0722	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	33.31	
32 31 13 13-0723	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	38.60	
32 31 13 13-0724	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	43.62	
32 31 13 13-0725	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	52.28	
32 31 13 13-0726	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	62.55	

32 31 13 13-0727 Truss Rods *(32 31 13 13-0670)*

32 31 13 13-0728	LF	3/8" Diameter Truss Rods	2.45	0.66

32 31 13 13-0729 Fence And Gate Repair And Replacement *(32 31 13 13)*

32 31 13 13-0730 Fence And Gate Parts Replacement *(32 31 13 13-0729)*

32 31 13 13-0731	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	141.34	
32 31 13 13-0732	EA	Sliding Gate Roller Assembly Replacement	139.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0733	EA	Rod And Lock Gate Keeper Replacement	140.25	
32 31 13 13-0734	EA	Galvanized Gate Holdback Replacement	32.02	
32 31 13 13-0735	LF	3/8" Cross Bracing Rod Replacement	1.83	
32 31 13 13-0736	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.83	
32 31 13 13-0737	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	29.43	
32 31 13 13-0738	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	33.76	
32 31 13 13-0739	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	38.16	
32 31 13 13-0740	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	56.37	
32 31 13 13-0741	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	103.77	
32 31 13 13-0742	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	29.65	
32 31 13 13-0743	EA	3" x 2" Off Set Gate Hinge Replacement	30.97	
32 31 13 13-0744	EA	4" x 2" Off Set Gate Hinge Replacement	33.04	
32 31 13 13-0745	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	53.25	
32 31 13 13-0746	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	83.13	
32 31 13 13-0747	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	6.72	
32 31 13 13-0748	EA	2" Aluminum Die-Cast Post Cap Replacement	7.38	
32 31 13 13-0749	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	8.59	
32 31 13 13-0750	EA	3" Aluminum Die-Cast Post Cap Replacement	9.99	
32 31 13 13-0751	EA	2" Galvanized Post Cap Replacement	7.50	
32 31 13 13-0752	EA	2-1/2" Galvanized Post Cap Replacement	8.12	
32 31 13 13-0753	EA	3" Galvanized Post Cap Replacement	9.29	
32 31 13 13-0754	EA	4" Galvanized Post Cap Replacement	13.61	
32 31 13 13-0755	EA	6-5/8" Galvanized Post Cap Replacement	25.09	
32 31 13 13-0756	EA	8-5/8" Galvanized Post Cap Replacement	40.95	
32 31 13 13-0757	EA	1-5/8" Boulevard Clamp Replacement	12.58	
32 31 13 13-0758	EA	2" Boulevard Clamp Replacement	15.31	
32 31 13 13-0759	EA	2-1/2" Boulevard Clamp Replacement	17.96	
32 31 13 13-0760	EA	3" Boulevard Clamp Replacement	21.80	
32 31 13 13-0761	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	12.35	
32 31 13 13-0762	EA	2" Gate Brace Or End Rail Clamp Replacement	14.99	
32 31 13 13-0763	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	17.64	
32 31 13 13-0764	EA	3" Gate Brace Or End Rail Clamp Replacement	21.46	
32 31 13 13-0765	EA	1-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.67	
32 31 13 13-0766	EA	2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.95	
32 31 13 13-0767	EA	2-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.82	
32 31 13 13-0768	EA	3" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.03	
32 31 13 13-0769	EA	3-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.20	
32 31 13 13-0770	EA	4" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.69	
32 31 13 13-0771	EA	6-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	17.29	
32 31 13 13-0772	EA	1-3/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.57	
32 31 13 13-0773		**Removal And Reinstallation Of Chain Link Fences** *(32 31 13 13)* Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. See CSI section 32 31 13 13-0001 for new post holes where required, 32 31 13 13-0058 for new fence posts where required.		
32 31 13 13-0774	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	23.11	
32 31 13 13-0775	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	34.67	
32 31 13 13-0776		**Decorative Privacy Fence** *(32 31 13 13)* Note: Includes fastener clips		
32 31 13 13-0777	LF	59", Faux Ivy Leaf Decorative Privacy Fence Note: Includes faux Ivy leaves closely attached to the mesh screen. Applied to fence, railing or wall	17.69	2.27
32 31 13 13-0778		**Ballfield Fencing** *(32 31 13 13)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 13-0779		**Concrete Bases For Ballfield Poles, Cast In Place** *(32 31 13 13-0778)* Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.		
32 31 13 13-0780	VLF	2-1/2' Diameter Concrete Base For Ballfield Poles	132.17	
32 31 13 13-0781	VLF	3' Diameter Concrete Base For Ballfield Poles	157.61	
32 31 13 13-0782	VLF	3-1/2' Diameter Concrete Base For Ballfield Poles	200.23	
32 31 13 13-0783	VLF	4' Diameter Concrete Base For Ballfield Poles	238.37	
32 31 13 13-0784		**Ballfield Poles** *(32 31 13 13-0778)*		
32 31 13 13-0785	EA	20' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 10' above grade	8,220.82	644.45
32 31 13 13-0786	EA	25' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 15' above grade	10,196.42	805.57
32 31 13 13-0787	EA	30' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 20' above grade	11,710.36	966.68
32 31 13 13-0788	EA	40' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 30' above grade	15,778.28	1,127.80
32 31 13 13-0789	EA	50' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 40' above grade	21,190.27	1,288.91
32 31 13 13-0790	EA	60' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 50' above grade	23,677.59	1,450.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0791		**Ballfield Nylon Netting** *(32 31 13 13-0778)* Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0792	LF	10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.77	
32 31 13 13-0793	LF	10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.81	
32 31 13 13-0794	LF	10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.04	
32 31 13 13-0795	LF	10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.31	
32 31 13 13-0796	LF	10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.56	
32 31 13 13-0797	LF	10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.43	
32 31 13 13-0798	LF	10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.89	
32 31 13 13-0799	LF	10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	5.06	
32 31 13 13-0800		**Ballfield Chainlink Netting** *(32 31 13 13-0778)* Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0801	SF	#9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting	3.79	1.22
		For 13 Gauge Fabric, Deduct	*-0.60*	
		For 11 Gauge Fabric, Deduct	*-0.34*	
		For 6 Gauge Fabric, Add	*1.07*	
		For 1" Mesh Fabric, Add	*1.01*	
		For 1-3/4" Mesh Fabric, Add	*0.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.20*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.27*	
32 31 13 13-0802		**Ballfield Netting Accessories** *(32 31 13 13-0778)*		
32 31 13 13-0803	EA	Sliding Clip For Ballfield Netting	8.70	
32 31 13 13-0804	EA	1/4" Utility Spring Swing Clip For Ballfield Netting	3.89	
32 31 13 13-0805	EA	5/16" Utility Spring Swing Clip For Ballfield Netting	4.09	
32 31 13 13-0806	EA	3/8" Utility Spring Swing Clip For Ballfield Netting	4.40	
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		**Regulation Baseball Backstop** *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	14,173.00	2,373.09
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	20,427.54	3,164.12
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	26,011.49	3,691.47
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	19,831.30	2,373.09
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	28,894.15	3,164.12
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	37,184.51	3,691.47
32 31 13 33-0008	SF	2" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	15.41	
32 31 13 33-0009	SF	3" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	18.36	
32 31 13 33-0010		**Regulation Softball Backstop** *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0011		**14' High Softball Backstop** *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0012	EA	14' Softball Backstop, Galvanized Regulation	11,935.79	2,327.39
32 31 13 33-0013	EA	14' Softball Backstop, Vinyl Coated Regulation	15,994.02	2,327.39
32 31 13 33-0014		**18' High Softball Backstop** *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0015	EA	18' Softball Backstop, Galvanized Regulation	13,931.75	2,587.42
32 31 13 33-0016	EA	18' Softball Backstop Vinyl Coated Regulation	18,840.90	2,587.42
32 31 13 33-0017		**20' High Softball Backstop** *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0018	EA	20' Softball Backstop, Galvanized Regulation	15,771.60	2,728.07
32 31 13 33-0019	EA	20' Softball Backstop, Vinyl Coated Regulation	21,597.18	2,728.07
32 31 13 33-0020		**22' High Softball Backstop** *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0021	EA	22' Softball Backstop, Galvanized Regulation	18,161.47	2,810.37
32 31 13 33-0022	EA	22' Softball Backstop, Vinyl Coated Regulation	25,165.18	2,810.37
32 31 13 33-0023		**24' High Softball Backstop** *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0024	EA	24' Softball Backstop, Galvanized Regulation	21,608.84	3,211.86
32 31 13 33-0025	EA	24' Softball Backstop, Vinyl Coated Regulation	30,314.39	3,211.86
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	11.53	2.10
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	12.37	2.10
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	11.36	2.10
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	12.10	2.10
32 31 16 00-0008		Welded Galvanized Perforated Wired Metal Screen Panel *(32 31 16)*		
32 31 16 00-0009		16 Gauge Welded Galvanized Perforated Wired Metal Screen Panel *(32 31 16 00-0008)*		
32 31 16 00-0010	EA	7' High x 30' Wide, 16 Gauge Welded Galvanized Perforated Wired Metal Screen Panel Note: 40% Open Area	10,420.86	1,220.51
32 31 16 00-0011		Galvanized Steel Welded Wire Fence Assemblies *(32 31 16)*		
32 31 16 00-0012		6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assemblies *(32 31 16 00-0011)* Note: Posts 8' on center.		
32 31 16 00-0013	LF	48" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly Note: 2" Square, 16 Gauge Posts at 8' Centers	49.80	2.10
32 31 16 00-0014	LF	60" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly Note: 2" Square, 16 Gauge Posts at 8' Centers	59.24	2.10
32 31 16 00-0015	LF	72" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly Note: 2" Square, 16 Gauge Posts at 8' Centers	66.23	2.10
32 31 16 00-0016	LF	96" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly Note: 2-1/2" Square, 16 Gauge Posts at 8' Centers	92.82	2.10
32 31 19		**Decorative Metal Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001		Wrought Iron Fence *(32 31 19)* Note: Factory primed.		
32 31 19 00-0002		Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center *(32 31 19 00-0001)* Note: Factory primed 8 foot long panel sections.		
32 31 19 00-0003	LF	3' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	48.15	12.72
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*9.00*	
		For Verticals Up To 2" On Center, Add	*7.27*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.54*	
		For Verticals >2-1/2" To 3" On Center, Add	*1.82*	
		For Verticals >4" To 6" On Center, Deduct	*-2.04*	
		For Pickets Extending Above Top Rail, Add	*4.11*	
		For Curved Pickets Extending Above Top Rail, Add	*9.29*	
32 31 19 00-0004	LF	4' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	61.34	16.18
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*11.39*	
		For Verticals Up To 2" On Center, Add	*9.64*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.02*	
		For Verticals >2-1/2" To 3" On Center, Add	*2.41*	
		For Verticals >4" To 6" On Center, Deduct	*-2.71*	
		For Pickets Extending Above Top Rail, Add	*5.33*	
		For Curved Pickets Extending Above Top Rail, Add	*12.13*	
32 31 19 00-0005	LF	5' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	71.97	16.88
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*13.17*	
		For Verticals Up To 2" On Center, Add	*12.15*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.60*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.04*	
		For Verticals >4" To 6" On Center, Deduct	*-3.42*	
		For Pickets Extending Above Top Rail, Add	*6.45*	
		For Curved Pickets Extending Above Top Rail, Add	*14.89*	
32 31 19 00-0006	LF	6' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	87.02	20.34
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*15.91*	
		For Verticals Up To 2" On Center, Add	*14.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.25*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.70*	
		For Verticals >4" To 6" On Center, Deduct	*-4.16*	
		For Pickets Extending Above Top Rail, Add	*7.82*	
		For Curved Pickets Extending Above Top Rail, Add	*18.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0007	LF	7' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	100.52	21.52
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*18.09*	
		For Verticals Up To 2" On Center, Add	*18.39*	
		For Verticals >2" To 2-1/2" On Center, Add	*11.49*	
		For Verticals >2-1/2" To 3" On Center, Add	*4.60*	
		For Verticals >4" To 6" On Center, Deduct	*-5.17*	
		For Pickets Extending Above Top Rail, Add	*9.34*	
		For Curved Pickets Extending Above Top Rail, Add	*21.91*	
32 31 19 00-0008	LF	8' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	114.00	22.65
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*20.27*	
		For Verticals Up To 2" On Center, Add	*21.98*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.74*	
		For Verticals >2-1/2" To 3" On Center, Add	*5.50*	
		For Verticals >4" To 6" On Center, Deduct	*-6.18*	
		For Pickets Extending Above Top Rail, Add	*10.85*	
		For Curved Pickets Extending Above Top Rail, Add	*25.72*	
32 31 19 00-0009	LF	10' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	137.39	25.43
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*24.17*	
		For Verticals Up To 2" On Center, Add	*27.69*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.31*	
		For Verticals >2-1/2" To 3" On Center, Add	*6.92*	
		For Verticals >4" To 6" On Center, Deduct	*-7.79*	
		For Pickets Extending Above Top Rail, Add	*13.36*	
		For Curved Pickets Extending Above Top Rail, Add	*31.94*	
32 31 19 00-0010	LF	12' High Wrought Iron Fence, 3/4" Square Soild Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	161.70	28.90
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*28.30*	
		For Verticals Up To 2" On Center, Add	*33.25*	
		For Verticals >2" To 2-1/2" On Center, Add	*20.78*	
		For Verticals >2-1/2" To 3" On Center, Add	*8.31*	
		For Verticals >4" To 6" On Center, Deduct	*-9.35*	
		For Pickets Extending Above Top Rail, Add	*15.88*	
		For Curved Pickets Extending Above Top Rail, Add	*38.10*	

32 31 19 00-0011 Wrought Iron Gates *(32 31 19 00-0001)*

Note: Factory primed.

32 31 19 00-0012 Single Wrought Iron Gates *(32 31 19 00-0011)*

Note: Factory primed.

32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	58.92	15.48
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	77.27	19.19
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	93.87	23.11
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	113.86	27.74
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	149.04	30.75
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	178.52	33.99
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	207.48	38.61

32 31 19 00-0020 Double Wrought Iron Gates *(32 31 19 00-0011)*

Note: Factory primed.

32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	71.68	13.87
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	93.80	17.34
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	113.45	20.80
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	137.14	24.96
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	180.36	27.74
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	216.40	30.51
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	251.99	34.67

32 31 19 00-0028 Repair Or Replace Wrought Iron Fence *(32 31 19 00-0001)*

32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	21.46	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	31.37	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	92.47	

32 31 19 00-0032 Steel Tube Fence, Powder Coated *(32 31 19)*

Note: Pickets are 3/4" square x 16 gauge.

32 31 19 00-0033 Steel Tube Fence, With Two 1" Square, 16 Gauge Rails *(32 31 19 00-0032)*

Note: 6 foot long panel sections.

32 31 19 00-0034	LF	3' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	83.79	12.72
		For Verticals Up To 2" On Center, Add	*11.77*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.89*	
		For Verticals >3" To 4" On Center, Deduct	*-5.89*	
		For Verticals >4" To 6" On Center, Deduct	*-11.77*	
		For Pickets Extending Above Top Rail, Add	*6.25*	
		For Curved Pickets Extending Above Top Rail, Add	*10.99*	
		For Solid Pickets, Add	*16.98*	
		For Aluminum With Satin Finish, Add	*13.92*	
		For Third Rail, Add	*4.42*	
		For 1" Square x 14 Gauge Pickets, Add	*14.72*	
		For 3" Square Posts, Add	*7.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	89.64	13.59
		For Verticals Up To 2" On Center, Add	*12.49*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.25*	
		For Verticals >3" To 4" On Center, Deduct	*-6.25*	
		For Verticals >4" To 6" On Center, Deduct	*-12.49*	
		For Pickets Extending Above Top Rail, Add	*6.67*	
		For Curved Pickets Extending Above Top Rail, Add	*11.72*	
		For Solid Pickets, Add	*18.13*	
		For Aluminum With Satin Finish, Add	*14.66*	
		For Third Rail, Add	*4.68*	
		For 1" Square x 14 Gauge Pickets, Add	*15.62*	
		For 3" Square Posts, Add	*7.81*	
32 31 19 00-0036	LF	4' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	94.84	15.03
		For Verticals Up To 2" On Center, Add	*13.08*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.54*	
		For Verticals >3" To 4" On Center, Deduct	*-6.54*	
		For Verticals >4" To 6" On Center, Deduct	*-13.08*	
		For Pickets Extending Above Top Rail, Add	*7.03*	
		For Curved Pickets Extending Above Top Rail, Add	*12.34*	
		For Solid Pickets, Add	*19.13*	
		For Aluminum With Satin Finish, Add	*15.20*	
		For Third Rail, Add	*4.90*	
		For 1" Square x 14 Gauge Pickets, Add	*16.35*	
		For 3" Square Posts, Add	*8.17*	
32 31 19 00-0037	LF	5' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	101.02	16.88
		For Verticals Up To 2" On Center, Add	*13.41*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.70*	
		For Verticals >3" To 4" On Center, Deduct	*-6.70*	
		For Verticals >4" To 6" On Center, Deduct	*-13.41*	
		For Pickets Extending Above Top Rail, Add	*7.40*	
		For Curved Pickets Extending Above Top Rail, Add	*12.94*	
		For Solid Pickets, Add	*20.18*	
		For Aluminum With Satin Finish, Add	*15.01*	
		For Third Rail, Add	*5.03*	
		For 1" Square x 14 Gauge Pickets, Add	*16.76*	
		For 3" Square Posts, Add	*8.38*	
32 31 19 00-0038	LF	6' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	117.14	19.07
		For Verticals Up To 2" On Center, Add	*15.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.90*	
		For Verticals >3" To 4" On Center, Deduct	*-7.90*	
		For Verticals >4" To 6" On Center, Deduct	*-15.80*	
		For Pickets Extending Above Top Rail, Add	*8.62*	
		For Curved Pickets Extending Above Top Rail, Add	*15.11*	
		For Solid Pickets, Add	*23.50*	
		For Aluminum With Satin Finish, Add	*17.98*	
		For Third Rail, Add	*5.93*	
		For 1" Square x 14 Gauge Pickets, Add	*19.75*	
		For 3" Square Posts, Add	*9.88*	
32 31 19 00-0039	LF	7' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	134.16	20.80
		For Verticals Up To 2" On Center, Add	*18.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.26*	
		For Verticals >3" To 4" On Center, Deduct	*-9.26*	
		For Verticals >4" To 6" On Center, Deduct	*-18.51*	
		For Pickets Extending Above Top Rail, Add	*9.95*	
		For Curved Pickets Extending Above Top Rail, Add	*17.47*	
		For Solid Pickets, Add	*27.07*	
		For Aluminum With Satin Finish, Add	*21.52*	
		For Third Rail, Add	*6.94*	
		For 1" Square x 14 Gauge Pickets, Add	*23.14*	
		For 4" Square Posts, Add	*32.39*	
32 31 19 00-0040	LF	8' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	151.42	22.65
		For Verticals Up To 2" On Center, Add	*21.22*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.61*	
		For Verticals >3" To 4" On Center, Deduct	*-10.61*	
		For Verticals >4" To 6" On Center, Deduct	*-21.22*	
		For Pickets Extending Above Top Rail, Add	*11.28*	
		For Curved Pickets Extending Above Top Rail, Add	*19.85*	
		For Solid Pickets, Add	*30.67*	
		For Aluminum With Satin Finish, Add	*25.04*	
		For Third Rail, Add	*7.96*	
		For 1" Square x 14 Gauge Pickets, Add	*26.53*	
		For 4" Square Posts, Add	*37.14*	
32 31 19 00-0041	LF	9' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	176.13	24.28
		For Verticals Up To 2" On Center, Add	*25.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.76*	
		For Verticals >3" To 4" On Center, Deduct	*-12.76*	
		For Verticals >4" To 6" On Center, Deduct	*-25.52*	
		For Pickets Extending Above Top Rail, Add	*13.27*	
		For Curved Pickets Extending Above Top Rail, Add	*23.42*	
		For Solid Pickets, Add	*35.99*	
		For Aluminum With Satin Finish, Add	*31.00*	
		For Third Rail, Add	*9.57*	
		For 1" Square x 14 Gauge Pickets, Add	*31.90*	
		For 4" Square Posts, Add	*44.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0042	LF	10' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	201.08	26.00
		For Verticals Up To 2" On Center, Add	*29.81*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.91*	
		For Verticals >3" To 4" On Center, Deduct	*-14.91*	
		For Verticals >4" To 6" On Center, Deduct	*-29.81*	
		For Pickets Extending Above Top Rail, Add	*15.27*	
		For Curved Pickets Extending Above Top Rail, Add	*27.01*	
		For Solid Pickets, Add	*41.34*	
		For Aluminum With Satin Finish, Add	*36.92*	
		For Third Rail, Add	*11.18*	
		For 1" Square x 14 Gauge Pickets, Add	*37.27*	
		For 6" Square Posts, Add	*52.17*	
32 31 19 00-0043	LF	12' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	236.94	28.90
		For Verticals Up To 2" On Center, Add	*35.83*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.91*	
		For Verticals >3" To 4" On Center, Deduct	*-17.91*	
		For Verticals >4" To 6" On Center, Deduct	*-35.83*	
		For Pickets Extending Above Top Rail, Add	*18.12*	
		For Curved Pickets Extending Above Top Rail, Add	*32.10*	
		For Solid Pickets, Add	*48.98*	
		For Aluminum With Satin Finish, Add	*45.07*	
		For Third Rail, Add	*13.44*	
		For 1" Square x 14 Gauge Pickets, Add	*44.79*	
		For 6" Square Posts, Add	*62.70*	
32 31 19 00-0044	LF	14' Steel Tube Fence, 3/4" Square, 16 GA, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	253.79	31.21
		For Verticals Up To 2" On Center, Add	*38.27*	
		For Verticals >2" To 2-1/2" On Center, Add	*19.14*	
		For Verticals >3" To 4" On Center, Deduct	*-19.14*	
		For Verticals >4" To 6" On Center, Deduct	*-38.27*	
		For Pickets Extending Above Top Rail, Add	*19.39*	
		For Curved Pickets Extending Above Top Rail, Add	*34.34*	
		For Solid Pickets, Add	*52.42*	
		For Aluminum With Satin Finish, Add	*48.05*	
		For Third Rail, Add	*14.35*	
		For 1" Square x 14 Gauge Pickets, Add	*47.84*	
		For 6" Square Posts, Add	*66.98*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	797.81	24.62
		For Solid Pickets, Add	*173.96*	
		For Aluminum With Satin Finish, Add	*206.05*	
		For Third Rail, Add	*54.29*	
		For 1" Square x 14 Gauge Pickets, Add	*72.38*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	887.58	25.78
		For Solid Pickets, Add	*193.90*	
		For Aluminum With Satin Finish, Add	*231.43*	
		For Third Rail, Add	*60.76*	
		For 1" Square x 14 Gauge Pickets, Add	*81.01*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	982.43	27.27
		For Solid Pickets, Add	*214.89*	
		For Aluminum With Satin Finish, Add	*257.80*	
		For Third Rail, Add	*67.53*	
		For 1" Square x 14 Gauge Pickets, Add	*90.04*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,033.33	29.24
		For Solid Pickets, Add	*225.91*	
		For Aluminum With Satin Finish, Add	*270.47*	
		For Third Rail, Add	*70.91*	
		For 1" Square x 14 Gauge Pickets, Add	*94.55*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,154.64	35.02
		For Solid Pickets, Add	*251.91*	
		For Aluminum With Satin Finish, Add	*299.06*	
		For Third Rail, Add	*78.71*	
		For 1" Square x 14 Gauge Pickets, Add	*104.95*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,228.86	40.80
		For Solid Pickets, Add	*267.30*	
		For Aluminum With Satin Finish, Add	*313.52*	
		For Third Rail, Add	*82.98*	
		For 1" Square x 14 Gauge Pickets, Add	*110.63*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,341.51	46.93
		For Solid Pickets, Add	*291.26*	
		For Aluminum With Satin Finish, Add	*339.00*	
		For Third Rail, Add	*90.04*	
		For 1" Square x 14 Gauge Pickets, Add	*120.05*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,439.27	52.71
		For Solid Pickets, Add	*311.96*	
		For Aluminum With Satin Finish, Add	*360.52*	
		For Third Rail, Add	*96.07*	
		For 1" Square x 14 Gauge Pickets, Add	*128.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate	1,525.27	58.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*330.01*	
		For Aluminum With Satin Finish, Add	*378.52*	
		For Third Rail, Add	*101.22*	
		For 1" Square x 14 Gauge Pickets, Add	*134.96*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,667.98	49.24
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*364.20*	
		For Aluminum With Satin Finish, Add	*433.82*	
		For Third Rail, Add	*114.00*	
		For 1" Square x 14 Gauge Pickets, Add	*152.00*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,777.12	51.55
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*388.24*	
		For Aluminum With Satin Finish, Add	*463.44*	
		For Third Rail, Add	*121.67*	
		For 1" Square x 14 Gauge Pickets, Add	*162.22*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,964.87	54.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*429.79*	
		For Aluminum With Satin Finish, Add	*515.61*	
		For Third Rail, Add	*135.06*	
		For 1" Square x 14 Gauge Pickets, Add	*180.08*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate	2,058.93	56.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*450.52*	
		For Aluminum With Satin Finish, Add	*541.22*	
		For Third Rail, Add	*141.68*	
		For 1" Square x 14 Gauge Pickets, Add	*188.90*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate	2,135.33	58.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*467.27*	
		For Aluminum With Satin Finish, Add	*561.54*	
		For Third Rail, Add	*146.97*	
		For 1" Square x 14 Gauge Pickets, Add	*195.96*	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate	2,403.43	70.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*524.99*	
		For Aluminum With Satin Finish, Add	*626.37*	
		For Third Rail, Add	*164.48*	
		For 1" Square x 14 Gauge Pickets, Add	*219.31*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate	2,634.26	81.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*574.33*	
		For Aluminum With Satin Finish, Add	*680.01*	
		For Third Rail, Add	*179.19*	
		For 1" Square x 14 Gauge Pickets, Add	*238.92*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate	2,828.17	93.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*615.19*	
		For Aluminum With Satin Finish, Add	*721.55*	
		For Third Rail, Add	*190.96*	
		For 1" Square x 14 Gauge Pickets, Add	*254.62*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate	2,990.36	105.41
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*649.08*	
		For Aluminum With Satin Finish, Add	*754.59*	
		For Third Rail, Add	*200.52*	
		For 1" Square x 14 Gauge Pickets, Add	*267.37*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate	3,123.11	116.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*676.35*	
		For Aluminum With Satin Finish, Add	*778.82*	
		For Third Rail, Add	*207.88*	
		For 1" Square x 14 Gauge Pickets, Add	*277.17*	

32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate	921.50	23.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*201.49*	
		For Aluminum With Satin Finish, Add	*241.35*	
		For Third Rail, Add	*63.26*	
		For 1" Square x 14 Gauge Pickets, Add	*84.35*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate	996.98	26.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*218.25*	
		For Aluminum With Satin Finish, Add	*262.68*	
		For Third Rail, Add	*68.71*	
		For 1" Square x 14 Gauge Pickets, Add	*91.61*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate	1,075.33	28.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*235.45*	
		For Aluminum With Satin Finish, Add	*283.59*	
		For Third Rail, Add	*74.15*	
		For 1" Square x 14 Gauge Pickets, Add	*98.87*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate	1,139.96	30.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*249.56*	
		For Aluminum With Satin Finish, Add	*300.38*	
		For Third Rail, Add	*78.56*	
		For 1" Square x 14 Gauge Pickets, Add	*104.75*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate	1,229.07	36.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*268.22*	
		For Aluminum With Satin Finish, Add	*318.79*	
		For Third Rail, Add	*83.86*	
		For 1" Square x 14 Gauge Pickets, Add	*111.81*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate	1,349.57	43.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*293.94*	
		For Aluminum With Satin Finish, Add	*346.62*	
		For Third Rail, Add	*91.51*	
		For 1" Square x 14 Gauge Pickets, Add	*122.01*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate	1,515.18	49.24
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*329.82*	
		For Aluminum With Satin Finish, Add	*387.98*	
		For Third Rail, Add	*102.54*	
		For 1" Square x 14 Gauge Pickets, Add	*136.72*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate	1,676.86	55.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*364.81*	
		For Aluminum With Satin Finish, Add	*428.16*	
		For Third Rail, Add	*113.28*	
		For 1" Square x 14 Gauge Pickets, Add	*151.04*	
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate	1,830.71	61.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*398.04*	
		For Aluminum With Satin Finish, Add	*465.99*	
		For Third Rail, Add	*123.43*	
		For 1" Square x 14 Gauge Pickets, Add	*164.58*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,843.02	52.01
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*402.98*	
		For Aluminum With Satin Finish, Add	*482.69*	
		For Third Rail, Add	*126.52*	
		For 1" Square x 14 Gauge Pickets, Add	*168.70*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,993.94	53.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*436.50*	
		For Aluminum With Satin Finish, Add	*525.37*	
		For Third Rail, Add	*137.41*	
		For 1" Square x 14 Gauge Pickets, Add	*183.21*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	2,150.66	57.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*470.90*	
		For Aluminum With Satin Finish, Add	*567.18*	
		For Third Rail, Add	*148.30*	
		For 1" Square x 14 Gauge Pickets, Add	*197.73*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,274.14	59.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*498.25*	
		For Aluminum With Satin Finish, Add	*601.62*	
		For Third Rail, Add	*157.12*	
		For 1" Square x 14 Gauge Pickets, Add	*209.50*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,378.00	61.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*521.18*	
		For Aluminum With Satin Finish, Add	*630.18*	
		For Third Rail, Add	*164.48*	
		For 1" Square x 14 Gauge Pickets, Add	*219.31*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,699.42	73.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*590.73*	
		For Aluminum With Satin Finish, Add	*709.96*	
		For Third Rail, Add	*185.81*	
		For 1" Square x 14 Gauge Pickets, Add	*247.75*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,981.60	86.22
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*651.44*	
		For Aluminum With Satin Finish, Add	*777.98*	
		For Third Rail, Add	*204.20*	
		For 1" Square x 14 Gauge Pickets, Add	*272.27*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	3,226.52	98.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*703.78*	
		For Aluminum With Satin Finish, Add	*834.81*	
		For Third Rail, Add	*219.80*	
		For 1" Square x 14 Gauge Pickets, Add	*293.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,438.09	110.84
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*748.60*	
		For Aluminum With Satin Finish, Add	*881.63*	
		For Third Rail, Add	*232.89*	
		For 1" Square x 14 Gauge Pickets, Add	*310.52*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,618.27	123.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*786.37*	
		For Aluminum With Satin Finish, Add	*919.04*	
		For Third Rail, Add	*243.63*	
		For 1" Square x 14 Gauge Pickets, Add	*324.84*	
32 31 19 00-0086		5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	1,002.86	26.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*219.58*	
		For Aluminum With Satin Finish, Add	*264.45*	
		For Third Rail, Add	*69.15*	
		For 1" Square x 14 Gauge Pickets, Add	*92.20*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	1,057.67	28.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*231.47*	
		For Aluminum With Satin Finish, Add	*278.30*	
		For Third Rail, Add	*72.82*	
		For 1" Square x 14 Gauge Pickets, Add	*97.10*	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,110.54	30.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*242.94*	
		For Aluminum With Satin Finish, Add	*291.55*	
		For Third Rail, Add	*76.36*	
		For 1" Square x 14 Gauge Pickets, Add	*101.81*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,186.93	32.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*259.69*	
		For Aluminum With Satin Finish, Add	*311.87*	
		For Third Rail, Add	*81.65*	
		For 1" Square x 14 Gauge Pickets, Add	*108.87*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,290.93	39.29
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*281.62*	
		For Aluminum With Satin Finish, Add	*334.23*	
		For Third Rail, Add	*87.98*	
		For 1" Square x 14 Gauge Pickets, Add	*117.30*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	1,428.28	45.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*311.05*	
		For Aluminum With Satin Finish, Add	*366.59*	
		For Third Rail, Add	*96.80*	
		For 1" Square x 14 Gauge Pickets, Add	*129.07*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,619.74	52.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*352.57*	
		For Aluminum With Satin Finish, Add	*414.66*	
		For Third Rail, Add	*109.60*	
		For 1" Square x 14 Gauge Pickets, Add	*146.14*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,806.12	59.29
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*393.03*	
		For Aluminum With Satin Finish, Add	*461.74*	
		For Third Rail, Add	*122.11*	
		For 1" Square x 14 Gauge Pickets, Add	*162.81*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,988.58	65.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*432.61*	
		For Aluminum With Satin Finish, Add	*507.64*	
		For Third Rail, Add	*134.32*	
		For 1" Square x 14 Gauge Pickets, Add	*179.09*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,973.58	45.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*434.33*	
		For Aluminum With Satin Finish, Add	*533.72*	
		For Third Rail, Add	*138.29*	
		For 1" Square x 14 Gauge Pickets, Add	*184.39*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	2,091.31	52.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*459.20*	
		For Aluminum With Satin Finish, Add	*559.31*	
		For Third Rail, Add	*145.50*	
		For 1" Square x 14 Gauge Pickets, Add	*194.00*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	2,210.32	60.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*484.26*	
		For Aluminum With Satin Finish, Add	*584.72*	
		For Third Rail, Add	*152.71*	
		For 1" Square x 14 Gauge Pickets, Add	*203.61*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	2,373.18	68.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*519.28*	
		For Aluminum With Satin Finish, Add	*623.84*	
		For Third Rail, Add	*163.30*	
		For 1" Square x 14 Gauge Pickets, Add	*217.74*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	2,516.41	76.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*549.89*	
		For Aluminum With Satin Finish, Add	*657.09*	
		For Third Rail, Add	*172.43*	
		For 1" Square x 14 Gauge Pickets, Add	*229.90*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	2,864.23	84.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*626.33*	
		For Aluminum With Satin Finish, Add	*750.56*	
		For Third Rail, Add	*196.70*	
		For 1" Square x 14 Gauge Pickets, Add	*262.27*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	3,177.32	93.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*694.78*	
		For Aluminum With Satin Finish, Add	*832.47*	
		For Third Rail, Add	*218.18*	
		For 1" Square x 14 Gauge Pickets, Add	*290.91*	
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate	3,457.65	104.14
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*755.66*	
		For Aluminum With Satin Finish, Add	*903.42*	
		For Third Rail, Add	*237.01*	
		For 1" Square x 14 Gauge Pickets, Add	*316.01*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate	3,710.40	115.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*810.05*	
		For Aluminum With Satin Finish, Add	*964.37*	
		For Third Rail, Add	*253.49*	
		For 1" Square x 14 Gauge Pickets, Add	*337.98*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate	3,935.59	128.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*857.95*	
		For Aluminum With Satin Finish, Add	*1,015.33*	
		For Third Rail, Add	*267.61*	
		For 1" Square x 14 Gauge Pickets, Add	*356.82*	

32 31 19 00-0106 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate	1,044.30	29.58
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*228.29*	
		For Aluminum With Satin Finish, Add	*273.24*	
		For Third Rail, Add	*71.65*	
		For 1" Square x 14 Gauge Pickets, Add	*95.53*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate	1,097.96	31.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*240.02*	
		For Aluminum With Satin Finish, Add	*287.26*	
		For Third Rail, Add	*75.33*	
		For 1" Square x 14 Gauge Pickets, Add	*100.43*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate	1,152.45	32.95
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*251.87*	
		For Aluminum With Satin Finish, Add	*301.15*	
		For Third Rail, Add	*79.00*	
		For 1" Square x 14 Gauge Pickets, Add	*105.34*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate	1,219.38	35.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*266.47*	
		For Aluminum With Satin Finish, Add	*318.48*	
		For Third Rail, Add	*83.56*	
		For 1" Square x 14 Gauge Pickets, Add	*111.42*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate	1,368.83	42.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*298.45*	
		For Aluminum With Satin Finish, Add	*353.44*	
		For Third Rail, Add	*93.13*	
		For 1" Square x 14 Gauge Pickets, Add	*124.17*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate	1,528.09	49.70
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*332.64*	
		For Aluminum With Satin Finish, Add	*391.34*	
		For Third Rail, Add	*103.43*	
		For 1" Square x 14 Gauge Pickets, Add	*137.90*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,705.82	56.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*371.07*	
		For Aluminum With Satin Finish, Add	*435.30*	
		For Third Rail, Add	*115.19*	
		For 1" Square x 14 Gauge Pickets, Add	*153.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,876.88	63.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*407.91*	
		For Aluminum With Satin Finish, Add	*476.72*	
		For Third Rail, Add	*126.38*	
		For 1" Square x 14 Gauge Pickets, Add	*168.50*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate	2,085.18	71.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*453.13*	
		For Aluminum With Satin Finish, Add	*529.34*	
		For Third Rail, Add	*140.35*	
		For 1" Square x 14 Gauge Pickets, Add	*187.14*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	2,050.46	49.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*450.86*	
		For Aluminum With Satin Finish, Add	*552.20*	
		For Third Rail, Add	*143.30*	
		For 1" Square x 14 Gauge Pickets, Add	*191.06*	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	2,172.69	57.44
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*476.55*	
		For Aluminum With Satin Finish, Add	*578.00*	
		For Third Rail, Add	*150.65*	
		For 1" Square x 14 Gauge Pickets, Add	*200.87*	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,293.65	65.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*502.05*	
		For Aluminum With Satin Finish, Add	*603.99*	
		For Third Rail, Add	*158.01*	
		For 1" Square x 14 Gauge Pickets, Add	*210.68*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,439.44	73.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*533.04*	
		For Aluminum With Satin Finish, Add	*636.86*	
		For Third Rail, Add	*167.13*	
		For 1" Square x 14 Gauge Pickets, Add	*222.84*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,667.59	82.29
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*582.57*	
		For Aluminum With Satin Finish, Add	*694.43*	
		For Third Rail, Add	*182.43*	
		For 1" Square x 14 Gauge Pickets, Add	*243.24*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	3,127.81	91.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*684.11*	
		For Aluminum With Satin Finish, Add	*820.48*	
		For Third Rail, Add	*214.94*	
		For 1" Square x 14 Gauge Pickets, Add	*286.59*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	3,276.01	102.41
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*715.17*	
		For Aluminum With Satin Finish, Add	*851.21*	
		For Third Rail, Add	*223.77*	
		For 1" Square x 14 Gauge Pickets, Add	*298.36*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	3,597.43	113.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*785.01*	
		For Aluminum With Satin Finish, Add	*932.76*	
		For Third Rail, Add	*245.40*	
		For 1" Square x 14 Gauge Pickets, Add	*327.20*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate	3,893.23	126.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*848.80*	
		For Aluminum With Satin Finish, Add	*1,004.91*	
		For Third Rail, Add	*264.82*	
		For 1" Square x 14 Gauge Pickets, Add	*353.09*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate	4,168.62	141.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*907.62*	
		For Aluminum With Satin Finish, Add	*1,068.65*	
		For Third Rail, Add	*282.32*	
		For 1" Square x 14 Gauge Pickets, Add	*376.43*	
32 31 19 00-0126		7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate	1,106.50	32.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*241.74*	
		For Aluminum With Satin Finish, Add	*288.62*	
		For Third Rail, Add	*75.77*	
		For 1" Square x 14 Gauge Pickets, Add	*101.02*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate	1,162.60	33.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*253.98*	
		For Aluminum With Satin Finish, Add	*303.16*	
		For Third Rail, Add	*79.59*	
		For 1" Square x 14 Gauge Pickets, Add	*106.12*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate	1,218.92	35.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*266.26*	
		For Aluminum With Satin Finish, Add	*317.67*	
		For Third Rail, Add	*83.42*	
		For 1" Square x 14 Gauge Pickets, Add	*111.22*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate	1,275.34	37.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*278.54*	
		For Aluminum With Satin Finish, Add	*332.15*	
		For Third Rail, Add	*87.24*	
		For 1" Square x 14 Gauge Pickets, Add	*116.32*	
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate	1,476.15	45.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*321.91*	
		For Aluminum With Satin Finish, Add	*381.47*	
		For Third Rail, Add	*100.48*	
		For 1" Square x 14 Gauge Pickets, Add	*133.98*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate	1,660.12	53.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*361.56*	
		For Aluminum With Satin Finish, Add	*426.26*	
		For Third Rail, Add	*112.55*	
		For 1" Square x 14 Gauge Pickets, Add	*150.06*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,794.24	61.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*389.92*	
		For Aluminum With Satin Finish, Add	*455.58*	
		For Third Rail, Add	*120.79*	
		For 1" Square x 14 Gauge Pickets, Add	*161.05*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,946.83	68.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*422.52*	
		For Aluminum With Satin Finish, Add	*490.95*	
		For Third Rail, Add	*130.50*	
		For 1" Square x 14 Gauge Pickets, Add	*173.99*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate	2,133.91	76.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*462.79*	
		For Aluminum With Satin Finish, Add	*536.15*	
		For Third Rail, Add	*142.71*	
		For 1" Square x 14 Gauge Pickets, Add	*190.28*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate	2,170.47	52.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*477.10*	
		For Aluminum With Satin Finish, Add	*583.63*	
		For Third Rail, Add	*151.53*	
		For 1" Square x 14 Gauge Pickets, Add	*202.05*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,297.91	61.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*503.87*	
		For Aluminum With Satin Finish, Add	*610.42*	
		For Third Rail, Add	*159.18*	
		For 1" Square x 14 Gauge Pickets, Add	*212.25*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	2,426.60	70.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*530.82*	
		For Aluminum With Satin Finish, Add	*637.01*	
		For Third Rail, Add	*166.83*	
		For 1" Square x 14 Gauge Pickets, Add	*222.45*	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	2,556.00	79.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*558.03*	
		For Aluminum With Satin Finish, Add	*664.39*	
		For Third Rail, Add	*174.63*	
		For 1" Square x 14 Gauge Pickets, Add	*232.84*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	2,878.90	89.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*628.68*	
		For Aluminum With Satin Finish, Add	*749.24*	
		For Third Rail, Add	*196.85*	
		For 1" Square x 14 Gauge Pickets, Add	*262.46*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	3,478.97	99.28
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*761.50*	
		For Aluminum With Satin Finish, Add	*916.11*	
		For Third Rail, Add	*239.66*	
		For 1" Square x 14 Gauge Pickets, Add	*319.55*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	3,442.68	111.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*750.76*	
		For Aluminum With Satin Finish, Add	*889.77*	
		For Third Rail, Add	*234.36*	
		For 1" Square x 14 Gauge Pickets, Add	*312.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	3,730.63	124.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*812.79*	
		For Aluminum With Satin Finish, Add	*959.57*	
		For Third Rail, Add	*253.19*	
		For 1" Square x 14 Gauge Pickets, Add	*337.59*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	4,074.68	138.82
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*887.05*	
		For Aluminum With Satin Finish, Add	*1,043.90*	
		For Third Rail, Add	*275.85*	
		For 1" Square x 14 Gauge Pickets, Add	*367.80*	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate	4,302.87	154.88
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*934.96*	
		For Aluminum With Satin Finish, Add	*1,091.76*	
		For Third Rail, Add	*289.53*	
		For 1" Square x 14 Gauge Pickets, Add	*386.04*	
32 31 19 00-0146		**8' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate	1,202.52	34.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*262.77*	
		For Aluminum With Satin Finish, Add	*313.95*	
		For Third Rail, Add	*82.39*	
		For 1" Square x 14 Gauge Pickets, Add	*109.85*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate	1,261.26	36.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*275.55*	
		For Aluminum With Satin Finish, Add	*328.97*	
		For Third Rail, Add	*86.36*	
		For 1" Square x 14 Gauge Pickets, Add	*115.15*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate	1,323.93	38.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*289.22*	
		For Aluminum With Satin Finish, Add	*345.17*	
		For Third Rail, Add	*90.63*	
		For 1" Square x 14 Gauge Pickets, Add	*120.84*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate	1,380.38	42.88
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*300.92*	
		For Aluminum With Satin Finish, Add	*356.12*	
		For Third Rail, Add	*93.86*	
		For 1" Square x 14 Gauge Pickets, Add	*125.15*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate	1,632.52	48.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*356.39*	
		For Aluminum With Satin Finish, Add	*424.22*	
		For Third Rail, Add	*111.52*	
		For 1" Square x 14 Gauge Pickets, Add	*148.69*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate	1,817.54	58.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*395.77*	
		For Aluminum With Satin Finish, Add	*466.21*	
		For Third Rail, Add	*123.14*	
		For 1" Square x 14 Gauge Pickets, Add	*164.19*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate	1,899.40	68.08
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*412.02*	
		For Aluminum With Satin Finish, Add	*477.76*	
		For Third Rail, Add	*127.11*	
		For 1" Square x 14 Gauge Pickets, Add	*169.48*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate	2,037.35	78.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*440.81*	
		For Aluminum With Satin Finish, Add	*505.62*	
		For Third Rail, Add	*135.20*	
		For 1" Square x 14 Gauge Pickets, Add	*180.27*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate	2,157.61	88.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*465.61*	
		For Aluminum With Satin Finish, Add	*528.18*	
		For Third Rail, Add	*141.97*	
		For 1" Square x 14 Gauge Pickets, Add	*189.29*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate	2,359.15	56.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*518.79*	
		For Aluminum With Satin Finish, Add	*635.66*	
		For Third Rail, Add	*164.92*	
		For 1" Square x 14 Gauge Pickets, Add	*219.90*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate	2,502.05	67.62
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*548.47*	
		For Aluminum With Satin Finish, Add	*663.65*	
		For Third Rail, Add	*173.16*	
		For 1" Square x 14 Gauge Pickets, Add	*230.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate	2,641.73	78.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*577.51*	
		For Aluminum With Satin Finish, Add	*691.25*	
		For Third Rail, Add	*181.25*	
		For 1" Square x 14 Gauge Pickets, Add	*241.67*	
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate	2,759.13	90.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*601.45*	
		For Aluminum With Satin Finish, Add	*711.60*	
		For Third Rail, Add	*187.58*	
		For 1" Square x 14 Gauge Pickets, Add	*250.10*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate	3,206.09	101.95
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*699.53*	
		For Aluminum With Satin Finish, Add	*830.81*	
		For Third Rail, Add	*218.62*	
		For 1" Square x 14 Gauge Pickets, Add	*291.49*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate	3,994.25	114.77
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*874.10*	
		For Aluminum With Satin Finish, Add	*1,050.67*	
		For Third Rail, Add	*274.97*	
		For 1" Square x 14 Gauge Pickets, Add	*366.62*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate	3,655.66	129.45
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*794.78*	
		For Aluminum With Satin Finish, Add	*930.21*	
		For Third Rail, Add	*246.43*	
		For 1" Square x 14 Gauge Pickets, Add	*328.57*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate	3,915.82	146.44
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*849.69*	
		For Aluminum With Satin Finish, Add	*986.52*	
		For Third Rail, Add	*262.31*	
		For 1" Square x 14 Gauge Pickets, Add	*349.75*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate	4,316.42	165.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*935.82*	
		For Aluminum With Satin Finish, Add	*1,082.67*	
		For Third Rail, Add	*288.36*	
		For 1" Square x 14 Gauge Pickets, Add	*384.47*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate	4,407.57	185.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*951.84*	
		For Aluminum With Satin Finish, Add	*1,083.12*	
		For Third Rail, Add	*290.71*	
		For 1" Square x 14 Gauge Pickets, Add	*387.61*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	33.16	
		For 1" Square x 14 Gauge Pickets, Add	*1.01*	

32 31 19 00-0168 Removal And Reinstallation Of Ornamental Fences *(32 31 19)*

Note: Including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	52.01	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	57.21	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	62.42	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	67.62	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	72.82	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	78.01	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	86.68	

32 31 23 Plastic Fences and Gates *(32 31)*

32 31 23 00-0001 Vinyl Fence *(32 31 23)*

32 31 23 00-0002 Privacy Tongue And Groove Vinyl Fence *(32 31 23 00-0001)*

Note: With 1-1/2" x 5-1/2" top and bottom rails, 5" x 5" posts installed 7' centers. Post includes flat cap.

32 31 23 00-0003	LF	3' High Privacy Tongue And Groove Vinyl Fence	58.63	5.78
32 31 23 00-0004	LF	4' High Privacy Tongue And Groove Vinyl Fence	65.62	6.93
32 31 23 00-0005	LF	5' High Privacy Tongue And Groove Vinyl Fence	73.20	8.08
32 31 23 00-0006	LF	6' High Privacy Tongue And Groove Vinyl Fence	80.62	9.24

32 31 23 00-0007 Semi-Privacy 6" Picket Vinyl Fence *(32 31 23 00-0001)*

Note: With 1-1/2" x 5-1/2" top and bottom rails, 2" x 3-1/2" mid rail, 5" x 5" posts installed 6' centers. Post includes flat cap.

32 31 23 00-0008	LF	5' High Semi-Privacy 6" Picket Vinyl Fence	78.51	8.08
32 31 23 00-0009	LF	6' High Semi-Privacy 6" Picket Vinyl Fence	85.98	9.24

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0010		**Picket Straight Top Vinyl Fence** *(32 31 23 00-0001)* Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0011	LF	3' High Picket Straight Top Vinyl Fence	53.95	5.78
32 31 23 00-0012	LF	4' High Picket Straight Top Vinyl Fence	61.19	6.93
32 31 23 00-0013	LF	5' High Picket Straight Top Vinyl Fence	70.10	8.08
32 31 23 00-0014	LF	6' High Picket Straight Top Vinyl Fence	77.58	9.24
32 31 23 00-0015		**Picket Scalloped Top Vinyl Fence** *(32 31 23 00-0001)* Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0016	LF	3' High Picket Scalloped Top Vinyl Fence	59.97	5.78
32 31 23 00-0017	LF	4' High Picket Scalloped Top Vinyl Fence	67.39	6.93
32 31 23 00-0018	LF	5' High Picket Scalloped Top Vinyl Fence	75.90	8.08
32 31 23 00-0019	LF	6' High Picket Scalloped Top Vinyl Fence	83.56	9.24
32 31 23 00-0020		**Post And Rail Vinyl Fence, Ranch Style** *(32 31 23 00-0001)* Note: With 1-1/2" x 5-1/2" rails, 5" x 5" posts installed 8' centers. Post includes flat cap.		
32 31 23 00-0021	LF	5' High, 2 Rail, Post And Rail Vinyl Fence	21.07	5.78
32 31 23 00-0022	LF	6-1/2' High, 3 Rail, Post And Rail Vinyl Fence	27.16	6.93
32 31 23 00-0023	LF	7' High, 4 Rail, Post And Rail Vinyl Fence	31.38	7.51
32 31 23 00-0024		**Post, Rails And Pickets (Traditional Style) Vinyl Fence** *(32 31 23 00-0001)* Note: With top and bottom 3" x 3" rails, 5" x 5" posts and 1-1/2" x 1-1/2" pickets. Post includes flat cap.		
32 31 23 00-0025	LF	3' High Rail And Picket Vinyl Fence, 72" On Center Posts	70.33	6.35
32 31 23 00-0026	LF	4' High Rail And Picket Vinyl Fence, 72" On Center Posts	76.69	7.51
32 31 23 00-0027	LF	3' High Rail And Picket Vinyl Fence, 96" On Center Posts	66.38	5.78
32 31 23 00-0028	LF	4' High Rail And Picket Vinyl Fence, 96" On Center Posts	72.07	6.93
32 31 23 00-0029		**Vinyl Gates** *(32 31 23)*		
32 31 23 00-0030		**Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0029)* Note: Includes hinges.		
32 31 23 00-0031		**3' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0032	EA	3' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	650.17	57.74
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0033	EA	3' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	690.05	60.63
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0034	EA	3' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	757.82	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0035	EA	3' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	850.38	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0036		**4' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0037	EA	4' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	690.05	60.63
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0038	EA	4' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	714.42	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0039	EA	4' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	794.59	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0040	EA	4' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	933.64	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0041		**5' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0042	EA	5' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	714.42	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0043	EA	5' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	744.99	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0044	EA	5' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	856.15	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0045	EA	5' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	1,001.41	72.17
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0046		**6' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0047	EA	6' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	750.76	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0048	EA	6' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	781.33	72.17
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0049	EA	6' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	945.19	75.06
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0050	EA	6' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	1,043.96	75.06
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0051 Gates For Picket Fences *(32 31 23 00-0029)*

Note: Includes hinges.

32 31 23 00-0052 3' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0053	EA	3' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	622.27	57.74
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0054	EA	3' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	646.65	60.63
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0055	EA	3' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	726.82	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0056	EA	3' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	865.88	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0057 4' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0058	EA	4' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	628.05	60.63
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0059	EA	4' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	652.43	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0060	EA	4' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	732.59	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0061	EA	4' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	871.65	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0062 5' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0063	EA	5' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	652.43	63.51
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0064	EA	5' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	683.00	66.40
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0065	EA	5' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	794.16	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0066	EA	5' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	939.41	72.17
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0067 6' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0068	EA	6' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	688.77	69.28
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0069	EA	6' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	719.33	72.17
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0070	EA	6' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	883.20	75.06
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0071	EA	6' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	981.97	77.95
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0072 Gates Accessories *(32 31 23 00-0029)*

32 31 23 00-0073	EA	Gate Stop/Drop Rod	140.44
32 31 23 00-0074	EA	Latch Set	95.49
32 31 23 00-0075	EA	Stainless Steel Latch Set	140.44

32 31 26 Wire Fences and Gates *(32 31)*

32 31 26 13 Wire Fences with Steel Posts *(32 31 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 13-0001		**Chicken Wire** *(32 31 26 13)* Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.78	2.10
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	10.71	2.10
32 31 26 13-0004		**Wire And Screen** *(32 31 26 13)*		
32 31 26 13-0005		**Wire And Screen For Partitions And Fences** *(32 31 26 13-0004)* Note: Excludes framing and post.		
32 31 26 13-0006		**Screen Wire** *(32 31 26 13-0005)*		
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	13.18	1.16
32 31 26 13-0008		**Hog Wire** *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	2.34	0.93
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.45	1.05
32 31 26 13-0011		**Non-Climb Horse Fence** *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	10.98	3.72
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	14.11	4.65
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	17.77	5.59
32 31 26 13-0015		**Screen For Partitions And Ceilings** *(32 31 26 13-0004)* Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	2.15	0.65
32 31 26 13-0017		**Wicket Fence** *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	71.89	5.55
32 31 29		**Wood Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		**Basket Weave** *(32 31 29)* Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	48.84	4.22
		For Fastening With Screws Instead Of Nails, Add	*2.88*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	32.69	4.22
		For Fastening With Screws Instead Of Nails, Add	*2.10*	
32 31 29 00-0004		**Board Fence** *(32 31 29)* Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	32.06	4.22
		For 1" x 6" Boards, Deduct	*-3.42*	
		For 1" x 3" Boards (Stockade Top), Add	*4.26*	
		For Fastening With Screws Instead Of Nails, Add	*2.09*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	35.65	4.22
		For 1" x 6" Boards, Deduct	*-3.72*	
		For 1" x 3" Boards (Stockade Top), Add	*4.62*	
		For Fastening With Screws Instead Of Nails, Add	*2.30*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	39.71	4.22
		For 1" x 6" Boards, Deduct	*-3.97*	
		For 1" x 3" Boards (Stockade Top), Add	*4.88*	
		For Fastening With Screws Instead Of Nails, Add	*2.53*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	42.37	4.22
		For 1" x 6" Boards, Deduct	*-4.18*	
		For 1" x 3" Boards (Stockade Top), Add	*5.10*	
		For Fastening With Screws Instead Of Nails, Add	*2.68*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	45.23	4.22
		For 1" x 6" Boards, Deduct	*-4.38*	
		For 1" x 3" Boards (Stockade Top), Add	*5.34*	
		For Fastening With Screws Instead Of Nails, Add	*2.85*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	34.19	4.22
		For 1" x 6" Boards, Deduct	*-3.50*	
		For 1" x 3" Boards (Stockade Top), Add	*4.33*	
		For Fastening With Screws Instead Of Nails, Add	*2.20*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	37.29	4.22
		For 1" x 6" Boards, Deduct	*-3.79*	
		For 1" x 3" Boards (Stockade Top), Add	*4.67*	
		For Fastening With Screws Instead Of Nails, Add	*2.39*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	39.71	4.22
		For 1" x 6" Boards, Deduct	*-3.97*	
		For 1" x 3" Boards (Stockade Top), Add	*4.88*	
		For Fastening With Screws Instead Of Nails, Add	*2.53*	
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	42.37	4.22
		For 1" x 6" Boards, Deduct	*-4.18*	
		For 1" x 3" Boards (Stockade Top), Add	*5.10*	
		For Fastening With Screws Instead Of Nails, Add	*2.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	45.23	4.22
		For 1" x 6" Boards, Deduct	*-4.38*	
		For 1" x 3" Boards (Stockade Top), Add	*5.34*	
		For Fastening With Screws Instead Of Nails, Add	*2.85*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	34.20	4.22
		For 1" x 6" Boards, Deduct	*-3.51*	
		For 1" x 3" Boards (Stockade Top), Add	*4.33*	
		For Fastening With Screws Instead Of Nails, Add	*2.20*	
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	44.57	4.22
		For 1" x 6" Boards, Deduct	*-4.08*	
		For 1" x 3" Boards (Stockade Top), Add	*4.89*	
		For Fastening With Screws Instead Of Nails, Add	*2.75*	
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	46.68	4.22
		For 1" x 6" Boards, Deduct	*-4.25*	
		For 1" x 3" Boards (Stockade Top), Add	*5.09*	
		For Fastening With Screws Instead Of Nails, Add	*2.88*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	50.17	4.22
		For 1" x 6" Boards, Deduct	*-4.49*	
		For 1" x 3" Boards (Stockade Top), Add	*5.34*	
		For Fastening With Screws Instead Of Nails, Add	*3.07*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	53.93	4.22
		For 1" x 6" Boards, Deduct	*-4.73*	
		For 1" x 3" Boards (Stockade Top), Add	*5.60*	
		For Fastening With Screws Instead Of Nails, Add	*3.28*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	67.36	4.22
		For Fastening With Screws Instead Of Nails, Add	*3.81*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	84.57	4.22
		For Fastening With Screws Instead Of Nails, Add	*4.75*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	92.07	4.22
		For Fastening With Screws Instead Of Nails, Add	*5.15*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	98.93	4.22
		For Fastening With Screws Instead Of Nails, Add	*5.53*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	31.98	4.22
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	25.22	4.22
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	37.75	4.22
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	27.21	4.22
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	30.24	4.22
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	25.14	4.22
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	34.43	4.22
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	28.19	4.22
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	36.54	4.22
		For Fastening With Screws Instead Of Nails, Add	*2.33*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	34.21	4.22
		For Fastening With Screws Instead Of Nails, Add	*2.21*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	50.30	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	56.10	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	61.18	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	89.51	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*		
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	477.56	146.46
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	528.38	155.25
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	590.90	169.90
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	671.26	178.68
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	751.61	187.48
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	608.23	193.33
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	662.73	202.12
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	717.23	210.90
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	808.66	219.70
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	881.64	228.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	762.21	131.83
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	789.11	139.75
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	830.24	152.94
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	875.61	160.84
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	932.05	168.75
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	901.98	174.03
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	936.25	181.94
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	989.01	189.84
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,041.75	197.75
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,094.50	205.67
32 31 29 00-0067		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	817.60	131.83
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	851.88	139.75
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	896.71	152.94
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	949.47	160.84
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,002.21	168.75
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	975.84	174.03
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,010.11	181.94
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,062.87	189.84
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,115.61	197.75
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,186.82	205.67
32 31 29 00-0078		**Plywood Fence Gates** *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2 x 4 frame, and galvanized nails and hinges.		
32 31 29 00-0079	EA	6' High, 5/8" CDX Plywood Gate, 6' To 10' Wide Note: Unpainted. Excludes post.	994.00	155.40
32 31 29 00-0080	EA	7' High, 5/8" CDX Plywood Gate, 6' To 10' Wide Note: Unpainted. Excludes post.	1,006.33	155.40
32 31 29 00-0081	EA	8' High, 5/8" CDX Plywood Gate, 6' To 10' Wide Note: Unpainted. Excludes post.	1,159.14	169.53
32 31 29 00-0082	EA	9' High, 5/8" CDX Plywood Gate, 6' To 10' Wide Note: Unpainted. Excludes post.	1,171.46	169.53
32 31 29 00-0083	EA	10' High, 5/8" CDX Plywood Gate, 6' To 10' Wide Note: Unpainted. Excludes post.	1,247.50	183.66
32 31 29 00-0084	EA	6' High, 5/8" CDX Plywood Gate, >10' To 20' Wide Note: Unpainted. Excludes post.	1,798.23	282.55
32 31 29 00-0085	EA	7' High, 5/8" CDX Plywood Gate, >10' To 20' Wide Note: Unpainted. Excludes post.	1,822.89	282.55
32 31 29 00-0086	EA	8' High, 5/8" CDX Plywood Gate, >10' To 20' Wide Note: Unpainted. Excludes post.	2,051.73	310.80
32 31 29 00-0087	EA	9' High, 5/8" CDX Plywood Gate, >10' To 20' Wide Note: Unpainted. Excludes post.	2,076.39	310.80
32 31 29 00-0088	EA	10' High, 5/8" CDX Plywood Gate, >10' To 20' Wide Note: Unpainted. Excludes post.	2,228.46	339.06
32 31 29 00-0089	EA	6' High, 5/8" CDX Plywood Gate, >20' To 40' Wide Note: Unpainted. Excludes post.	3,362.87	565.09
32 31 29 00-0090	EA	7' High, 5/8" CDX Plywood Gate, >20' To 40' Wide Note: Unpainted. Excludes post.	3,412.18	565.09
32 31 29 00-0091	EA	8' High, 5/8" CDX Plywood Gate, >20' To 40' Wide Note: Unpainted. Excludes post.	3,793.11	621.60
32 31 29 00-0092	EA	9' High, 5/8" CDX Plywood Gate, >20' To 40' Wide Note: Unpainted. Excludes post.	3,842.42	621.60
32 31 29 00-0093	EA	10' High, 5/8" CDX Plywood Gate, >20' To 40' Wide Note: Unpainted. Excludes post.	4,203.10	692.24
32 31 29 00-0094		**Wood Gates Accessories** *(32 31 29 00-0044)*		
32 31 29 00-0095	EA	Galvanized Steel Padlockable Slide Latch, 6-3/16" Bolt Length	49.38	11.55
32 31 29 00-0096	EA	Black Steel Padlockable Slide Latch, 6-3/16" Bolt Length	35.61	11.55
32 31 29 00-0097	EA	Stainless Steel Padlockable Slide Latch, 6-3/16" Bolt Length	93.71	11.55
32 31 29 00-0098	EA	Black Steel Cane Bolt, 18" Bolt Length	62.98	14.43
32 31 29 00-0099	EA	Zinc Coated Steel Cane Bolt, 18" Bolt Length	62.25	14.43
32 31 29 00-0100	EA	Galvanized Steel Self Latching Gate Latches, 4-1/4" Bolt Length	78.06	14.43
32 31 29 00-0101	EA	Black Steel Self Latching Gate Latches, 4-1/4" Bolt Length	55.88	14.43
32 31 29 00-0102	EA	Stainless Steel Self Latching Gate Latches, 4-1/4" Bolt Length	88.59	14.43
32 31 29 00-0103		**Pressure Treated Wood Fence Posts** *(32 31 29)* See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0104	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	45.43	14.65
32 31 29 00-0105	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	51.26	14.65
32 31 29 00-0106	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	79.87	28.12
32 31 29 00-0107	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	86.52	28.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0108		**Wood Utility Pole Fence** *(32 31 29)* Note: Excludes post holes. See CSI section 32 31 13 13-0001 for drilling augering and backfill.		
32 31 29 00-0109	LF	Wood Utility Pole Barrier Fence Note: Includes notching post, drilling and pinned with #5 rebar.	61.49	4.22
32 31 29 00-0110		**Wood Rail Fence** *(32 31 29)* Note: 3" diameter treated lodgepole pine rails, 6" diameter treated lodgepole pine post. Posts at 8' centers. Excludes post holes and fill		
32 31 29 00-0111	LF	4' Above Ground Wood Rail Fence, 3 - 3" Diameter Treated Lodgepole Pine Rails, 6" Diameter, 6' Overall Treated Lodgepole Pine Post	31.39	4.22
32 31 34		**Tubular Barrier Gates** *(32 31)*		
32 31 34 00-0001		**Tube Gate** *(32 31 34)* See CSI section 32 31 13 13-0001 for augering post holes and concrete fill, 32 31 13 13-0645 for gate accessories.		
32 31 34 00-0002		**50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)* Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering, concrete, bollard and chain.		
32 31 34 00-0003	EA	4' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	220.38	31.21
		For 13 Gauge Tubing, Add	*34.83*	
		For Galvanized Finish, Add	*19.19*	
32 31 34 00-0004	EA	6' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	286.59	40.46
		For 13 Gauge Tubing, Add	*45.18*	
		For Galvanized Finish, Add	*24.78*	
32 31 34 00-0005	EA	8' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	385.73	52.01
		For 13 Gauge Tubing, Add	*61.54*	
		For Galvanized Finish, Add	*34.45*	
32 31 34 00-0006	EA	10' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	446.90	64.73
		For 13 Gauge Tubing, Add	*69.73*	
		For Galvanized Finish, Add	*37.56*	
32 31 34 00-0007	EA	12' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	529.93	76.97
		For 13 Gauge Tubing, Add	*82.87*	
		For Galvanized Finish, Add	*44.82*	
32 31 34 00-0008	EA	14' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	579.55	86.68
		For 13 Gauge Tubing, Add	*89.90*	
		For Galvanized Finish, Add	*47.92*	
32 31 34 00-0009	EA	16' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	679.88	99.98
		For 13 Gauge Tubing, Add	*105.92*	
		For Galvanized Finish, Add	*56.90*	
32 31 34 00-0010		**33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)* Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0011	EA	4' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	284.48	31.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*76.80*	
32 31 34 00-0012	EA	6' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	341.73	40.46
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*88.14*	
32 31 34 00-0013	EA	8' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	409.72	52.01
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*101.47*	
32 31 34 00-0014	EA	10' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	474.23	64.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*111.10*	
32 31 34 00-0015	EA	12' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	538.87	76.97
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*123.08*	
32 31 34 00-0016	EA	14' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	597.47	86.68
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*134.96*	
32 31 34 00-0017	EA	16' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	668.65	99.98
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*147.25*	
32 31 34 00-0018	EA	18' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	767.73	112.52
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*170.71*	
32 31 34 00-0019	EA	20' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	851.18	125.87
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*201.77*	
32 31 34 00-0020		**33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)* Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0021	EA	4' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	306.98	31.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*85.80*	
32 31 34 00-0022	EA	6' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	363.85	40.46
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*96.99*	
32 31 34 00-0023	EA	8' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	424.72	52.01
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*107.47*	
32 31 34 00-0024	EA	10' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	496.10	64.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*119.84*	
32 31 34 00-0025	EA	12' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	554.68	76.97
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*129.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 34 00-0026	EA	14' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	634.38	86.68
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*149.73*	
32 31 34 00-0027	EA	16' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	708.73	99.98
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*163.28*	
32 31 34 00-0028	EA	18' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	828.88	112.52
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*195.17*	
32 31 34 00-0029	EA	20' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	906.17	125.87
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*223.77*	
32 31 34 00-0030		Tubular Steel Barrier Gate (Triangular Shape) *(32 31 34 00-0001)*		
		Note: Includes posts, caps, welded hinges and lock keeper. Excludes augering, concrete, and bollards.		
32 31 34 00-0031	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,490.52	64.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*816.66*	
32 31 34 00-0032	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,702.10	76.97
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*875.65*	
32 31 34 00-0033	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	3,201.50	86.68
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*1,052.30*	
32 31 34 00-0034	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,584.43	64.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*853.92*	
32 31 34 00-0035	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,809.44	76.97
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*918.23*	
32 31 34 00-0036	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	3,308.84	86.68
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*1,094.88*	
32 31 34 00-0037		Four Rail Tube Gate, 1-1/2" Diameter Welded Galvanized Steel Tubing *(32 31 34 00-0001)*		
		Note: Excludes augering holes and concrete.		
32 31 34 00-0038	EA	4' Four Rail Metal Frame Tube Gate, 1-1/2" Diameter Welded Galvanized Steel With Posts	520.22	31.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*41.65*	
32 31 34 00-0039		Tubular Horse Gate *(32 31 34 00-0001)*		
		Note: Includes posts, caps and hardware. Treated with Natina (or Equal) galvanized surface stain "rustic brown finish". Excludes augering holes and concrete.		
32 31 34 00-0040	EA	5-1/2' Above Ground, 5' Wide Tubular Galvanized Steel Horse Gate With 3" Diameter Posts	3,110.72	31.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*805.08*	
32 31 34 00-0041		Pipe Gate *(32 31 34)*		
		Note: Excludes augering and concrete. See CSI section 32 31 13 13-0001 for augering post holes and concrete fill.		
32 31 34 00-0042	EA	20' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	4,260.52	
32 31 34 00-0043	EA	25' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	5,325.11	
32 31 34 00-0044	EA	30' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	6,343.21	
32 31 41		**Precast Concrete Fences** *(32 31)*		
32 31 41 00-0001		Precast Post And Rail Fence, Ranch Style, With Integral Color Concrete. *(32 31 41)*		
		Note: Includes post holes, fill, spreading of excess material on site. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 41 00-0002	LF	Precast Post And Rail Fence With Integral Color Concrete, 2 Rails, 3' Above Ground With 2' Bury Note: Includes 12" diameter holes with concrete fill for line posts and 18" diameter holes with concrete fill at corners.	76.88	4.22
32 31 56		**Wild Life Deterrent Fence** *(32 31)*		
32 31 56 00-0001		Barbed Wire Fences *(32 31 56)*		
		Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		Fence Posts *(32 31 56 00-0001)*		
32 31 56 00-0003		Fence Post Soil, Set In Concrete *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	111.46	9.25
		For Bracing On Corner Post, End Post And Pull Post, Add	*179.59*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	149.40	9.25
		For Bracing On Corner Post, End Post And Pull Post, Add	*242.95*	
32 31 56 00-0006		Post In Rock *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	109.43	9.25
		For Bracing On Corner Post, End Post And Pull Post, Add	*176.54*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	147.37	9.25
		For Bracing On Corner Post, End Post And Pull Post, Add	*239.90*	
32 31 56 00-0009		Studded Steel T-Posts, Enamel Paint Finish *(32 31 56 00-0001)*		
		Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	30.11	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	30.85	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	32.20	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	33.56	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	35.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	39.72	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	48.06	
32 31 56 00-0017		**Barbed Wire** *(32 31 56 00-0001)*		
		Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	1.02	0.46
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	1.17	0.46
32 31 56 00-0020		**Barbed Wire Fence, Farm Style, With Wood Posts** *(32 31 56 00-0001)*		
		Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	12.40	3.01

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001		**Concrete Retaining Walls** *(32 32 13)* Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	412.51	152.77
		For >3:1 Sloped Soil At Top, Add	*9.10*	
32 32 13 00-0003	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	514.34	187.98
		For >3:1 Sloped Soil At Top, Add	*11.75*	
32 32 13 00-0004	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	560.05	202.77
		For >3:1 Sloped Soil At Top, Add	*13.13*	
32 32 13 00-0005	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	712.67	250.72
		For >3:1 Sloped Soil At Top, Add	*17.96*	
32 32 13 00-0006	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	821.27	287.98
		For >3:1 Sloped Soil At Top, Add	*20.84*	
32 32 13 00-0007	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,188.65	422.48
		For >3:1 Sloped Soil At Top, Add	*29.22*	
32 32 13 00-0008	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,632.11	583.25
		For >3:1 Sloped Soil At Top, Add	*39.57*	
32 32 13 00-0009	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	453.22	166.83
		For >3:1 Sloped Soil At Top, Add	*10.16*	
32 32 13 00-0010	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	554.43	201.02
		For >3:1 Sloped Soil At Top, Add	*12.96*	
32 32 13 00-0011	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	586.77	209.75
		For >3:1 Sloped Soil At Top, Add	*14.22*	
32 32 13 00-0012	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	806.47	281.10
		For >3:1 Sloped Soil At Top, Add	*20.75*	
32 32 13 00-0013	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,023.03	361.08
		For >3:1 Sloped Soil At Top, Add	*25.57*	
32 32 13 00-0014	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,534.60	547.32
		For >3:1 Sloped Soil At Top, Add	*37.41*	
32 32 13 00-0015	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	2,165.80	772.57
		For >3:1 Sloped Soil At Top, Add	*52.76*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001		**Precast Retaining Walls** *(32 32 16)* Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	106.19	15.09
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	109.15	12.12
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	113.29	10.11
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	122.53	10.11
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	129.70	8.62

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001		**Modular Retaining Wall Systems** *(32 32 23 13)* Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002		**"Amastone" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	75.41	9.51
		For >3:1 Sloped Soil At Top, Add	*4.79*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	79.57	10.02
		For >3:1 Sloped Soil At Top, Add	*5.06*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	82.92	11.01
		For >3:1 Sloped Soil At Top, Add	*5.18*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	86.47	12.02
		For >3:1 Sloped Soil At Top, Add	*5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0007		**"Diamond" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	78.36	9.51
		For >3:1 Sloped Soil At Top, Add	*5.04*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	82.52	10.02
		For >3:1 Sloped Soil At Top, Add	*5.31*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	85.86	11.01
		For >3:1 Sloped Soil At Top, Add	*5.43*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	89.41	12.02
		For >3:1 Sloped Soil At Top, Add	*5.56*	
32 32 23 13-0012		**"Keystone" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	85.40	9.51
		For >3:1 Sloped Soil At Top, Add	*5.64*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	89.56	10.02
		For >3:1 Sloped Soil At Top, Add	*5.91*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	92.91	11.01
		For >3:1 Sloped Soil At Top, Add	*6.02*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	96.46	12.02
		For >3:1 Sloped Soil At Top, Add	*6.16*	
32 32 23 13-0017		**"Criblock" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	75.41	9.51
		For >3:1 Sloped Soil At Top, Add	*4.79*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	79.57	10.02
		For >3:1 Sloped Soil At Top, Add	*5.06*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	82.92	11.01
		For >3:1 Sloped Soil At Top, Add	*5.18*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	86.47	12.02
		For >3:1 Sloped Soil At Top, Add	*5.31*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0022		**"Versa-Lok" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	66.47	9.51
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	73.57	10.02
		For >3:1 Sloped Soil At Top, Add	*4.55*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	76.97	11.01
		For >3:1 Sloped Soil At Top, Add	*4.67*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	79.97	12.02
		For >3:1 Sloped Soil At Top, Add	*4.75*	
32 32 23 13-0027		**Retaining Wall Cap Block Restoration** *(32 32 23 13-0001)*		
		Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	42.49	
		For >3:1 Sloped Soil At Top, Add	*2.44*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001		**Bin Type Retaining Wall** *(32 32 26)*		
32 32 26 00-0002		**Vertical Bin Walls** *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0003	SF	5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	77.53	
32 32 26 00-0004	SF	7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	91.94	
32 32 26 00-0005	SF	9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	107.12	
32 32 26 00-0006	SF	12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	115.77	
32 32 26 00-0007	SF	14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	129.30	
32 32 26 00-0008	SF	16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	137.95	
32 32 26 00-0009		**Battered Bin Walls** *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0010	SF	5.5' Battered Bin Retain Wall, Wall Heights To 11'	68.85	
32 32 26 00-0011	SF	7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	74.62	
32 32 26 00-0012	SF	9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	83.93	
32 32 26 00-0013	SF	12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	94.01	
32 32 26 00-0014	SF	14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	110.04	
32 32 26 00-0015	SF	16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	112.92	
32 32 26 00-0016		**Aluminized Steel Bin** *(32 32 26)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0017	SF	4' High, 5.5' Deep Aluminized Steel Bin	46.63	5.26
		For >3:1 Sloped Soil At Top, Add	*3.07*	
		For Galvanized Type, Deduct	*-3.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 26 00-0018	SF	8' High, 5.5' Deep Aluminized Steel Bin	52.21	5.26
		For >3:1 Sloped Soil At Top, Add	*3.54*	
		For Galvanized Type, Deduct	*-4.16*	
32 32 26 00-0019	SF	10' High, 7.7' Deep Aluminized Steel Bin	55.76	5.74
		For >3:1 Sloped Soil At Top, Add	*3.77*	
		For Galvanized Type, Deduct	*-4.43*	
32 32 26 00-0020	SF	12' High, 7.7' Deep Aluminized Steel Bin	63.52	6.48
		For >3:1 Sloped Soil At Top, Add	*4.30*	
		For Galvanized Type, Deduct	*-5.06*	
32 32 26 00-0021	SF	16' High, 7.7' Deep Aluminized Steel Bin	61.17	6.73
		For >3:1 Sloped Soil At Top, Add	*4.07*	
		For Galvanized Type, Deduct	*-4.78*	
32 32 26 00-0022	SF	16' High, 9.9' Deep Aluminized Steel Bin	68.18	6.85
		For >3:1 Sloped Soil At Top, Add	*4.64*	
		For Galvanized Type, Deduct	*-5.46*	
32 32 26 00-0023	SF	20' High, 9.9' Deep Aluminized Steel Bin	75.64	7.21
		For >3:1 Sloped Soil At Top, Add	*5.19*	
		For Galvanized Type, Deduct	*-6.11*	
32 32 26 00-0024	SF	20' High, 12.1' Deep Aluminized Steel Bin	77.45	7.58
		For >3:1 Sloped Soil At Top, Add	*5.30*	
		For Galvanized Type, Deduct	*-6.24*	
32 32 26 00-0025	SF	24' High, 12.1' Deep Aluminized Steel Bin	81.48	7.58
		For >3:1 Sloped Soil At Top, Add	*5.64*	
		For Galvanized Type, Deduct	*-6.63*	
32 32 26 00-0026	SF	24' High, 14.3' Deep Aluminized Steel Bin	85.50	7.70
		For >3:1 Sloped Soil At Top, Add	*5.97*	
		For Galvanized Type, Deduct	*-7.02*	
32 32 26 00-0027	SF	28' High, 14.3' Deep Aluminized Steel Bin	88.36	7.83
		For >3:1 Sloped Soil At Top, Add	*6.19*	
		For Galvanized Type, Deduct	*-7.28*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	90.80	31.05
		For >3:1 Sloped Soil At Top, Add	*2.45*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	177.67	60.78
		For >3:1 Sloped Soil At Top, Add	*4.78*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	87.12	31.05
		For >3:1 Sloped Soil At Top, Add	*2.14*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	170.52	60.78
		For >3:1 Sloped Soil At Top, Add	*4.17*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	94.87	27.13
		For >3:1 Sloped Soil At Top, Add	*3.45*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	185.76	53.05
		For >3:1 Sloped Soil At Top, Add	*6.77*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	72.48	24.07
		For >3:1 Sloped Soil At Top, Add	*2.07*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	131.06	43.57
		For >3:1 Sloped Soil At Top, Add	*3.73*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	241.24	73.64
		For >3:1 Sloped Soil At Top, Add	*7.99*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	476.51	144.34
		For >3:1 Sloped Soil At Top, Add	*15.98*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	237.15	73.64
		For >3:1 Sloped Soil At Top, Add	*7.64*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	466.29	144.34
		For >3:1 Sloped Soil At Top, Add	*15.11*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	248.81	59.80
		For >3:1 Sloped Soil At Top, Add	*10.98*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	494.55	118.08
		For >3:1 Sloped Soil At Top, Add	*21.96*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	166.22	47.83
		For >3:1 Sloped Soil At Top, Add	*5.99*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	327.07	93.57
		For >3:1 Sloped Soil At Top, Add	*11.89*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	599.12	159.59
		For >3:1 Sloped Soil At Top, Add	*23.79*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,120.84	297.94
		For >3:1 Sloped Soil At Top, Add	*44.63*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	578.69	159.59
		For >3:1 Sloped Soil At Top, Add	*22.05*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,082.02	297.94
		For >3:1 Sloped Soil At Top, Add	*41.33*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	674.59	184.10
		For >3:1 Sloped Soil At Top, Add	*26.04*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,258.30	343.80
		For >3:1 Sloped Soil At Top, Add	*48.51*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	466.14	148.81
		For >3:1 Sloped Soil At Top, Add	*14.33*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	864.56	276.04
		For >3:1 Sloped Soil At Top, Add	*26.57*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	173.82	61.33
		For >3:1 Sloped Soil At Top, Add	*4.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	259.71	92.05
		For >3:1 Sloped Soil At Top, Add	*6.43*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	345.50	122.65
		For >3:1 Sloped Soil At Top, Add	*8.51*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	119.40	34.64
		For >3:1 Sloped Soil At Top, Add	*4.25*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	173.58	50.00
		For >3:1 Sloped Soil At Top, Add	*6.25*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	235.11	67.54
		For >3:1 Sloped Soil At Top, Add	*8.51*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	73.91	18.41
		For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	112.95	31.48
		For >3:1 Sloped Soil At Top, Add	*4.25*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	148.73	39.11
		For >3:1 Sloped Soil At Top, Add	*5.99*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	207.82	55.44
		For >3:1 Sloped Soil At Top, Add	*8.25*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	271.89	72.12
		For >3:1 Sloped Soil At Top, Add	*10.85*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	559.15	142.70
		For >3:1 Sloped Soil At Top, Add	*23.27*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	632.71	158.06
		For >3:1 Sloped Soil At Top, Add	*26.92*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	74.93	19.17
		For >3:1 Sloped Soil At Top, Add	*3.11*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	131.46	34.09
		For >3:1 Sloped Soil At Top, Add	*5.38*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	129.21	33.44
		For >3:1 Sloped Soil At Top, Add	*5.30*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	180.84	48.04
		For >3:1 Sloped Soil At Top, Add	*7.21*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	281.13	76.69
		For >3:1 Sloped Soil At Top, Add	*10.85*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	223.04	58.93
		For >3:1 Sloped Soil At Top, Add	*8.94*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	578.49	147.28
		For >3:1 Sloped Soil At Top, Add	*24.14*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	91.83	35.41
		For >3:1 Sloped Soil At Top, Add	*1.78*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	133.04	50.33
		For >3:1 Sloped Soil At Top, Add	*2.75*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	194.25	69.06
		For >3:1 Sloped Soil At Top, Add	*4.78*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	342.46	116.56
		For >3:1 Sloped Soil At Top, Add	*9.29*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	347.57	116.56
		For >3:1 Sloped Soil At Top, Add	*9.72*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	326.16	111.98
		For >3:1 Sloped Soil At Top, Add	*8.68*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	768.50	257.62
		For >3:1 Sloped Soil At Top, Add	*21.53*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	91.83	35.41
		For >3:1 Sloped Soil At Top, Add	*1.78*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	133.04	50.33
		For >3:1 Sloped Soil At Top, Add	*2.75*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	194.25	69.06
		For >3:1 Sloped Soil At Top, Add	*4.78*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	244.34	85.94
		For >3:1 Sloped Soil At Top, Add	*6.17*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	342.46	116.56
		For >3:1 Sloped Soil At Top, Add	*9.29*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	326.16	111.98
		For >3:1 Sloped Soil At Top, Add	*8.68*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	768.50	257.62
		For >3:1 Sloped Soil At Top, Add	*21.53*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	124.51	37.69
		For >3:1 Sloped Soil At Top, Add	*4.17*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	284.17	85.94
		For >3:1 Sloped Soil At Top, Add	*9.55*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	425.33	128.86
		For >3:1 Sloped Soil At Top, Add	*14.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	414.97	110.46
		For >3:1 Sloped Soil At Top, Add	*16.50*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	623.61	165.69
		For >3:1 Sloped Soil At Top, Add	*24.83*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	823.85	217.87
		For >3:1 Sloped Soil At Top, Add	*32.99*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	122.47	37.69
		For >3:1 Sloped Soil At Top, Add	*3.99*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	278.05	85.94
		For >3:1 Sloped Soil At Top, Add	*9.03*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	417.15	128.86
		For >3:1 Sloped Soil At Top, Add	*13.54*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	400.67	110.46
		For >3:1 Sloped Soil At Top, Add	*15.28*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	603.18	165.69
		For >3:1 Sloped Soil At Top, Add	*23.10*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	795.25	217.87
		For >3:1 Sloped Soil At Top, Add	*30.56*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	134.86	50.00
		For >3:1 Sloped Soil At Top, Add	*2.96*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	308.81	115.04
		For >3:1 Sloped Soil At Top, Add	*6.69*	
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	458.02	170.26
		For >3:1 Sloped Soil At Top, Add	*9.98*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	620.58	231.59
		For >3:1 Sloped Soil At Top, Add	*13.37*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	903.53	337.37
		For >3:1 Sloped Soil At Top, Add	*19.45*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,199.02	447.28
		For >3:1 Sloped Soil At Top, Add	*25.87*	

32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	108.36	31.15
		For >3:1 Sloped Soil At Top, Add	*3.92*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	246.36	70.58
		For >3:1 Sloped Soil At Top, Add	*8.94*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	369.02	105.89
		For >3:1 Sloped Soil At Top, Add	*13.37*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	398.62	127.34
		For >3:1 Sloped Soil At Top, Add	*12.24*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	599.12	190.31
		For >3:1 Sloped Soil At Top, Add	*18.58*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	794.09	253.05
		For >3:1 Sloped Soil At Top, Add	*24.49*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	503.26	225.39
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	593.61	268.15
		For >3:1 Sloped Soil At Top, Add	*4.87*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	779.50	356.26
		For >3:1 Sloped Soil At Top, Add	*5.70*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,200.62	557.02
		For >3:1 Sloped Soil At Top, Add	*7.35*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,559.70	728.64
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,935.44	907.37
		For >3:1 Sloped Soil At Top, Add	*10.25*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	451.49	199.56
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	529.54	236.11
		For >3:1 Sloped Soil At Top, Add	*4.87*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	684.91	308.90
		For >3:1 Sloped Soil At Top, Add	*5.70*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	1,048.36	480.92
		For >3:1 Sloped Soil At Top, Add	*7.35*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,346.12	621.90
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,672.00	775.71
		For >3:1 Sloped Soil At Top, Add	*10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0015		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $32.00/ton.		
32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	519.10	225.39
		For >3:1 Sloped Soil At Top, Add	*5.80*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	615.54	268.15
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	811.18	356.26
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,246.92	557.02
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,623.06	728.64
		For >3:1 Sloped Soil At Top, Add	*14.09*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	2,015.86	907.37
		For >3:1 Sloped Soil At Top, Add	*17.09*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	467.33	199.56
		For >3:1 Sloped Soil At Top, Add	*5.80*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	551.47	236.11
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	716.59	308.90
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	1,094.66	480.92
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,409.48	621.90
		For >3:1 Sloped Soil At Top, Add	*14.09*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,752.42	775.71
		For >3:1 Sloped Soil At Top, Add	*17.09*	
32 32 53 00-0028		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	536.16	225.39
		For >3:1 Sloped Soil At Top, Add	*7.25*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	637.23	268.15
		For >3:1 Sloped Soil At Top, Add	*8.58*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	841.64	356.26
		For >3:1 Sloped Soil At Top, Add	*10.98*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,293.22	557.02
		For >3:1 Sloped Soil At Top, Add	*15.22*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,686.42	728.64
		For >3:1 Sloped Soil At Top, Add	*19.47*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	2,097.49	907.37
		For >3:1 Sloped Soil At Top, Add	*24.03*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	484.39	199.56
		For >3:1 Sloped Soil At Top, Add	*7.25*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	573.40	236.11
		For >3:1 Sloped Soil At Top, Add	*8.60*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	747.05	308.90
		For >3:1 Sloped Soil At Top, Add	*10.98*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	1,140.96	480.92
		For >3:1 Sloped Soil At Top, Add	*15.22*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,472.84	621.90
		For >3:1 Sloped Soil At Top, Add	*19.47*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,834.05	775.71
		For >3:1 Sloped Soil At Top, Add	*24.03*	
32 32 53 00-0041		**Stone Retaining Walls** *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	553.22	225.39
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	635.04	268.15
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	874.53	356.26
		For >3:1 Sloped Soil At Top, Add	*13.77*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,341.96	557.02
		For >3:1 Sloped Soil At Top, Add	*19.37*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,752.22	728.64
		For >3:1 Sloped Soil At Top, Add	*25.06*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	2,180.35	907.37
		For >3:1 Sloped Soil At Top, Add	*31.07*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	501.45	199.56
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	595.33	236.11
		For >3:1 Sloped Soil At Top, Add	*10.46*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	779.94	308.90
		For >3:1 Sloped Soil At Top, Add	*13.77*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	1,189.70	480.92
		For >3:1 Sloped Soil At Top, Add	*19.37*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,538.64	621.90
		For >3:1 Sloped Soil At Top, Add	*25.06*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,916.91	775.71
		For >3:1 Sloped Soil At Top, Add	*31.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

32 33 13 00-0003 Double Sided *(32 33 13 00-0002)*

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	844.57	147.66
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	1,274.53	242.59
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	2,194.09	369.15

32 33 13 00-0007 Single Sided *(32 33 13 00-0002)*

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	739.46	131.84
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	1,046.70	219.39
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,792.75	329.60

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)*

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	140.99	

32 33 13 00-0013 Bike Racks Ground Loop *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	1,122.43	258.72

32 33 13 00-0015 Serpentine Bike Racks *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	621.34	158.21
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	843.55	171.39
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	1,065.73	184.57
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	1,315.90	197.76
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	1,566.08	210.95
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	1,704.34	224.13

32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	703.36	158.21
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	902.68	171.39
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	1,101.97	184.57
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	1,279.66	197.76
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	1,478.97	210.95
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	1,721.50	224.13
32 33 13 00-0030	EA	13' x 42" High Serpentine Bike Rack, 15 Bikes, Galvanized	2,028.91	263.68
32 33 13 00-0031	EA	15' x 42" High Serpentine Bike Rack, 17 Bikes, Galvanized	2,357.91	250.49
32 33 13 00-0032	EA	17' x 42" High Serpentine Bike Rack, 19 Bikes, Galvanized	2,665.30	263.68

32 33 13 00-0033 Powder Coated, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0034	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	621.34	158.21
32 33 13 00-0035	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	843.55	171.39
32 33 13 00-0036	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	1,065.73	184.57
32 33 13 00-0037	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	1,315.90	197.76
32 33 13 00-0038	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	1,566.08	210.95
32 33 13 00-0039	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	1,704.34	224.13

32 33 13 00-0040 Powder Coated, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0041	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	724.98	158.21
32 33 13 00-0042	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	945.91	171.39
32 33 13 00-0043	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	1,145.21	184.57
32 33 13 00-0044	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	1,387.75	197.76
32 33 13 00-0045	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	1,587.06	210.95
32 33 13 00-0046	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,851.21	224.13
32 33 13 00-0047	EA	13' x 42" High Serpentine Bike Rack, 15 Bikes, Powder Coated	2,201.84	263.68
32 33 13 00-0048	EA	15' x 42" High Serpentine Bike Rack, 17 Bikes, Powder Coated	2,552.46	250.49
32 33 13 00-0049	EA	17' x 42" High Serpentine Bike Rack, 19 Bikes, Powder Coated	2,881.47	263.68

32 33 13 00-0050 Stainless Steel, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0051	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	1,172.43	158.21
32 33 13 00-0052	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,748.52	171.39
32 33 13 00-0053	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,324.62	184.57
32 33 13 00-0054	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,979.26	197.76
32 33 13 00-0055	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,633.88	210.95
32 33 13 00-0056	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,974.37	224.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0057		Stainless Steel, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0058	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	919.53	158.21
32 33 13 00-0059	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	2,026.77	171.39
32 33 13 00-0060	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,658.41	184.57
32 33 13 00-0061	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	3,246.83	197.76
32 33 13 00-0062	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,856.86	210.95
32 33 13 00-0063	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	4,488.50	224.13
32 33 13 00-0064		Bike Racks Bollards/Bicycle Posts *(32 33 13 00-0001)*		
		Note: In-ground mount.		
32 33 13 00-0065	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	680.95	118.65
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		Steel Trash Containment *(32 33 23)*		
32 33 23 00-0002		Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*		
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	577.29	62.87
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	551.55	62.87
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	551.55	62.87
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	522.59	62.87
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	577.29	62.87
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	522.59	62.87
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	712.42	62.87
32 33 23 00-0010		Square Steel Frames Surrounded With Flat Steel *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	1,036.21	62.87
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,117.97	62.87
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,117.97	62.87
32 33 23 00-0014		Round Steel Pipe And Flat Steel Frames *(32 33 23 00-0001)*		
		Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,526.80	62.87
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,643.61	62.87
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,891.83	62.87
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,716.61	62.87
32 33 23 00-0019		Round Steel Pipe Surrounded With Perforated *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,366.19	62.87
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,483.00	62.87
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,731.21	62.87
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,570.60	62.87
32 33 23 00-0024		Round Steel Pipe Frames Surrounded With Welded Wire *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,088.77	62.87
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,205.58	62.87
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,453.80	62.87
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,293.19	62.87
32 33 23 00-0029		Litter Baskets *(32 33 23)*		
32 33 23 00-0030		Round Wire Litter Baskets *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	190.93	6.39
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	240.89	6.39
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	325.68	6.39
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	373.52	6.39
32 33 23 00-0035		Trash Can/Wire Basket Holder *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	277.30	51.34
32 33 23 00-0037	EA	Steel Post, Double Holder	372.92	51.34
32 33 23 00-0038	EA	Redwood Post, Single Holder	168.98	51.34
32 33 23 00-0039	EA	Redwood Post, Double Holder	196.99	51.34
32 33 23 00-0040		Litter Receptacles, Freestanding *(32 33 23 00-0029)*		
		Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,532.43	26.19
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,612.87	26.19
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,880.36	39.29
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,960.80	39.29
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	2,041.24	39.29
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	2,121.68	39.29
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,692.93	34.05
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,773.37	34.05
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

32 33 23 00-0049 Ash Receptacles *(32 33 23)*

32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	661.21	26.19
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	283.78	26.19

32 33 23 00-0052 Trash Receptacles *(32 33 23)*

32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,258.95	26.19
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	549.94	26.19
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	713.03	26.19
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	744.17	28.81
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	801.22	31.43
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	551.92	20.95
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	658.18	20.95
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,163.29	26.19
32 33 23 00-0061	EA	25" Square x 34" Height, Concrete Trash Receptacle With "C" Style Lid (Quick Crete QS-CAL2534W-C21)	1,502.15	34.57

32 33 23 00-0062 Trash Containers (Dumpsters) *(32 33 23)*

32 33 23 00-0063	EA	1 CY Straight Side Trash Dumpster	311.21	
32 33 23 00-0064	EA	1.5 CY Straight Side Trash Dumpster	466.82	
32 33 23 00-0065	EA	2 CY Straight Side Trash Dumpster	622.43	
32 33 23 00-0066	EA	2 CY Sloped Side Trash Dumpster	622.43	
32 33 23 00-0067	EA	3 CY Sloped Side Trash Dumpster	933.64	
32 33 23 00-0068	EA	4 CY Sloped Side Trash Dumpster	1,244.85	
32 33 23 00-0069	EA	6 CY Sloped Side Trash Dumpster	1,867.28	
32 33 23 00-0070	EA	8 CY Sloped Side Trash Dumpster	2,489.71	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	639.04	30.89
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	717.04	37.06
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	782.69	37.06
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	851.03	43.24
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,032.12	55.59
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,120.93	55.59
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,262.64	61.77
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,332.14	61.77
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,488.52	77.21
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,583.36	82.15
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,649.92	86.48
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,497.51	77.21
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,647.99	86.48
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,102.48	92.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	2,727.23	117.37
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	3,162.40	123.54
32 33 33 00-0019		**Square Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,297.19	80.30
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,482.46	86.48
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	2,323.34	98.84
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	2,478.56	105.01
32 33 33 00-0024		**Rectangular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	746.00	37.06
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	881.53	55.59
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,021.30	61.77
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,166.10	77.21
32 33 33 00-0029		**Fiberglass Planters** *(32 33 33)*		
32 33 33 00-0030		**Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	2,087.09	30.89
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,482.90	30.89
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,386.69	30.89
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,747.08	30.89
32 33 33 00-0035		**Tapered Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	803.28	30.89
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,184.38	30.89
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	2,122.51	30.89
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,969.61	30.89
32 33 33 00-0040		**Square Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	1,059.36	30.89
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	1,083.24	30.89
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	1,095.87	30.89
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,245.08	30.89
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,353.79	30.89
32 33 33 00-0046		**Rectangular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,221.45	30.89
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,310.60	30.89
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,712.07	30.89
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,890.37	30.89
32 33 33 00-0051		**Timber Planters** *(32 33 33)*		
32 33 33 00-0052		**Square Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	653.84	62.87
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	653.84	62.87
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	1,242.61	62.87
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	1,076.76	62.87
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	1,284.07	62.87
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	3,307.44	62.87
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	4,974.22	62.87
32 33 33 00-0060		**Rectangular Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	645.55	62.87
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	720.18	62.87
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	944.08	62.87
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	1,043.59	62.87
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	1,342.12	62.87
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,557.72	62.87
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,740.16	62.87
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	2,262.58	62.87
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	2,552.82	62.87
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	2,909.40	62.87
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	2,768.43	62.87
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	3,133.29	62.87
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	3,506.46	62.87

32 33 43 Site Seating and Tables *(32 33)*

32 33 43 13 Site Seating *(32 33 43)*

32 33 43 13-0001 Benches (Landscapeforms) *(32 33 43 13)*

Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,667.60	104.78
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	2,075.85	104.78
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,338.30	104.78
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	198.20	26.20
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,819.74	104.78
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	2,054.30	104.78
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,238.14	104.78
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,523.40	104.78
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,555.10	104.78
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,840.37	104.78
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,306.43	104.78
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,590.69	104.78
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	950.09	78.58
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	1,024.89	78.58
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,110.94	91.68
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,290.47	91.68
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,185.74	91.68
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,260.54	91.68
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,361.54	104.78
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,556.03	104.78
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,320.39	91.68
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,421.38	104.78
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,496.18	104.78
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,690.67	104.78
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,669.21	104.78
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	3,062.24	104.78
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,725.92	104.78
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,075.85	104.78
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,250.81	104.78
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,193.76	104.78
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,428.32	104.78
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,681.89	104.78
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,916.44	104.78
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,157.33	104.78
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,783.32	104.78
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,017.87	104.78
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,404.57	104.78
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,651.80	104.78
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,880.01	104.78
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	635.62	26.20
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	851.15	26.20
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	851.15	26.20
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	775.08	26.20
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	958.92	26.20
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	958.92	26.20
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	958.92	26.20
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	198.20	26.20
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	889.19	26.20
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	984.28	26.20
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,079.37	26.20
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,073.03	26.20
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,168.12	26.20
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,263.21	26.20
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,060.35	26.20
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,155.44	26.20
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,250.53	26.20
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,294.90	26.20
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,389.99	26.20
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,485.08	26.20
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,294.90	26.20
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,389.99	26.20
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,485.08	26.20
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,794.38	104.78
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,819.74	104.78
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,206.44	104.78
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,669.21	104.78
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	3,144.66	104.78
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,594.75	104.78
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,452.06	104.78
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,921.17	104.78
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,965.55	104.78
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,257.15	104.78
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,542.42	104.78
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,840.37	104.78
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,131.98	104.78
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,542.42	104.78
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	3,068.58	104.78
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,582.07	104.78
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,880.01	104.78
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,513.94	104.78
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,805.55	104.78
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	5,090.82	104.78
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,229.35	91.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,476.59	91.68
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,609.71	91.68
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,883.14	104.78
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,130.37	104.78
32 33 43 13-0089		Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*		
32 33 43 13-0090		Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	904.69	52.40
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	1,036.81	52.40
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,327.43	52.40
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	944.34	52.40
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	1,076.44	52.40
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,380.27	52.40
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,380.27	52.40
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,604.84	52.40
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	2,067.18	52.40
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,446.32	52.40
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,670.89	52.40
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	2,159.65	52.40
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,661.63	52.40
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	3,123.98	52.40
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	4,088.31	52.40
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,727.68	52.40
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	3,190.03	52.40
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	4,180.78	52.40
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	1,050.02	52.40
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,182.12	52.40
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	1,089.65	52.40
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,221.75	52.40
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,750.15	52.40
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	2,067.18	52.40
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,855.83	52.40
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	2,172.86	52.40
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	1,106.09	78.58
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,158.93	78.58
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,568.44	78.58
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	851.87	52.40
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	983.97	52.40
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	1,116.07	52.40
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,433.11	52.40
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,565.21	52.40
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	865.08	52.40
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	997.18	52.40
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,129.28	52.40
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,472.74	52.40
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,604.84	52.40
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,459.53	52.40
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,684.10	52.40
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	2,172.86	52.40
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,397.43	52.40
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,485.95	52.40
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,710.52	52.40
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	2,212.49	52.40
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,437.06	52.40
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,459.53	52.40
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	2,053.97	52.40
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,829.41	52.40
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,410.64	52.40
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,635.21	52.40
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,670.89	52.40
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	2,093.60	52.40
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,855.83	52.40
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,450.27	52.40
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,674.84	52.40

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,542.02	78.58
	32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,779.80	78.58
	32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,281.77	78.58
	32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,687.33	78.58
	32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,925.11	78.58
	32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,506.34	78.58
	32 33 43 13-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*		
			Note: Includes powder coated steel frames.		
	32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,234.96	52.40
	32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,684.10	52.40
	32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,274.59	52.40
	32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,723.73	52.40
	32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,935.09	52.40
	32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,265.33	52.40
	32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	2,040.76	52.40
	32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,371.01	52.40
	32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,238.19	78.58
	32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,489.18	78.58
	32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,753.38	78.58
	32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	1,010.37	52.40
	32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,353.85	52.40
	32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,618.05	52.40
	32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	1,050.02	52.40
	32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,393.48	52.40
	32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,670.89	52.40
	32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,604.84	52.40
	32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	2,159.65	52.40
	32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,622.00	52.40
	32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,670.89	52.40
	32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,252.12	52.40
	32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,714.47	52.40
	32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	3,123.98	52.40
	32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	4,299.67	52.40
	32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,762.02	52.40
	32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	3,190.03	52.40
	32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,392.14	52.40
	32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,854.49	52.40
	32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,961.50	52.40
	32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,727.68	52.40
	32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,608.79	52.40
	32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,991.88	52.40
	32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	4,022.26	52.40
	32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,987.92	52.40
	32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,767.31	52.40
	32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,648.42	52.40
	32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	3,031.51	52.40
	32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	4,088.31	52.40
	32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,872.27	78.58
	32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,519.55	78.58
	32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	3,114.00	78.58
	32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	2,096.83	78.58
	32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,796.96	78.58
	32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	3,074.37	78.58
	32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	904.71	52.40
	32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,182.12	52.40
	32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,591.63	52.40
	32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,869.04	52.40
	32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,172.86	52.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	931.13	52.40
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,208.54	52.40
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,631.26	52.40
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,908.67	52.40
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	2,225.70	52.40
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,750.15	52.40
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,397.43	52.40
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	2,952.25	52.40
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	3,322.13	52.40
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,776.57	52.40
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,437.06	52.40
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	2,991.88	52.40
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,374.97	52.40

32 33 43 13-0218 Benches (Wabash Valley) *(32 33 43 13)*

32 33 43 13-0219 Prestige/Profile Benches *(32 33 43 13-0218)*

32 33 43 13-0220	EA	6' Bench With Arms, Inground, Diamond Site Furniture (Wabash Valley PP411D)	1,186.21	48.93
32 33 43 13-0221	EA	6' Bench With Arms, Inground, Perforated Site Furniture (Wabash Valley PP411P)	1,311.47	48.93

32 33 43 13-0222 Straight Benches *(32 33 43 13-0218)*

32 33 43 13-0223	EA	6' Signature Standard Inground Bench With Back (Wabash Valley SG303P)	1,029.06	73.35
32 33 43 13-0224	EA	6' Signature Standard Surface Mount Bench With Back (Wabash Valley SG306P)	1,044.76	73.35
32 33 43 13-0225	EA	8' Signature Standard Inground Bench With Back (Wabash Valley SG315P)	1,120.69	73.35
32 33 43 13-0226	EA	8' Signature Standard Inground Bench Without Back (Wabash Valley SG316P)	746.29	73.35
32 33 43 13-0227	EA	8' Signature Standard Surface Mount Bench With Back (Wabash Valley SG318P)	1,120.69	73.35
32 33 43 13-0228	EA	8' Signature Standard Surface Mount Bench Without Back (Wabash Valley SG319P)	746.29	73.35
32 33 43 13-0229	EA	Shelter With 6' Bench (Wabash Valley SH305P)	7,221.17	94.30
32 33 43 13-0230	EA	2-Seat With Back, Portable (Wabash Valley CL310)	1,502.36	48.93
32 33 43 13-0231	EA	2-Seat With Back, Surface Mount (Wabash Valley CL311D)	1,447.72	73.45
32 33 43 13-0232	EA	2-Seat With Back, Inground (Wabash Valley CL312D)	1,604.08	97.97
32 33 43 13-0233	EA	2-Seat Without Back, Portable (Wabash Valley CL315D)	1,294.41	48.93
32 33 43 13-0234	EA	2-Seat Without Back, Surface Mount (Wabash Valley CL316D)	1,239.76	73.45
32 33 43 13-0235	EA	2-Seat Without Back, Inground (Wabash Valley CL317D)	1,365.55	97.97
32 33 43 13-0236	EA	3-Seat With Back, Portable (Wabash Valley CL320D)	2,172.10	48.93
32 33 43 13-0237	EA	3-Seat With Back, Surface Mount (Wabash Valley CL321D)	2,138.86	73.45
32 33 43 13-0238	EA	3-Seat With Back, Inground (Wabash Valley CL322D)	2,255.47	97.97
32 33 43 13-0239	EA	3-Seat Without Back, Portable (Wabash Valley CL325D)	1,799.00	48.93
32 33 43 13-0240	EA	3-Seat Without Back, Surface Mount (Wabash Valley CL326D)	1,765.76	73.45
32 33 43 13-0241	EA	3-Seat Without Back, Inground (Wabash Valley CL327D)	1,885.43	97.97

32 33 43 13-0242 Concave Benches *(32 33 43 13-0218)*

32 33 43 13-0243	EA	Benches, 15 Deg Concave With Back, Portable, CL405D	2,062.00	48.93
32 33 43 13-0244	EA	Benches, 15 Deg Concave With Back, Surface Mount, CL406D	2,016.53	73.45
32 33 43 13-0245	EA	Benches, 15 Deg Concave With Back, Inground, CL407D	2,136.20	97.97
32 33 43 13-0246	EA	Benches, 15 Deg Concave Without Back, Portable, CL415D	2,016.13	48.93
32 33 43 13-0247	EA	Benches, 15 Deg Concave Without Back, Surface Mount, CL416D	1,970.66	73.45
32 33 43 13-0248	EA	Benches, 15 Deg Concave Without Back, Inground, CL417D	2,090.33	97.97

32 33 43 13-0249 Swings *(32 33 43 13-0218)*

32 33 43 13-0250	EA	4' Swing With Chain (Perforated Or Rib) SP300P	1,581.46	41.91
32 33 43 13-0251	EA	6' Swing With Chain (Perforated Or Rib) SP305P	1,851.13	41.91
32 33 43 13-0252	EA	Round Inground Post Package SP310N	780.33	97.97
32 33 43 13-0253	EA	4' Square Inground Post Package SP315N	1,709.86	125.74
32 33 43 13-0254	EA	6' Square Inground Post Package SP320N	1,851.25	125.74

32 33 43 13-0255 Accessories *(32 33 43 13-0218)*

32 33 43 13-0256	EA	Mounting Plate Covers (Set Of 2), MC102N	67.71	7.33
32 33 43 13-0257	EA	Mounting Plate Covers (Set Of 3), MC103N	97.40	9.74
32 33 43 13-0258	EA	Mounting Plate Covers (Set Of 4), MC104	113.83	9.74

32 33 43 13-0259 Camden Series Benches *(32 33 43 13-0218)*

32 33 43 13-0260	EA	6' Bench, With Back, Square Perforation, Portable/Surface Mount, CA1112C	1,534.21	73.35
32 33 43 13-0261	EA	6' Bench, With Back, Square Perforation, Inground, CA1111I	1,573.99	97.97
32 33 43 13-0262	EA	6' Bench, With Back, With Arms, Faux-Wood, Portable/Surface Mount, CA1112C	1,706.60	73.35
32 33 43 13-0263	EA	6' Bench, With Back, With Arms, Faux-Wood, Inground, CA1112I	1,750.58	97.97
32 33 43 13-0264	EA	6' Bench, With Back, With Arms, Rod, Portable/Surface Mount, CA1114C	1,912.63	73.35
32 33 43 13-0265	EA	6' Bench, With Back, With Arms, Rod, Inground, CA1114I	1,956.61	97.97
32 33 43 13-0266	EA	6' Bench, With Back, With Arms, Round Perforation, Portable/Surface Mount, CA1116C	1,511.08	73.35

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32 33 43 13-0267	EA	6' Bench, With Back, With Arms, Round Perforation, Inground, CA1116I	1,552.96	97.97
32 33 43 13-0268	EA	6' Bench, With Back, With Arms, Horizontal Slat, Portable/Surface Mount, CA1119C	1,721.32	73.35
32 33 43 13-0269	EA	6' Bench, With Back, With Arms, Horizontal Slat, Inground, CA1116I	1,763.20	97.97
32 33 43 13-0270		**Miscellaneous** *(32 33 43 13-0218)*		
32 33 43 13-0271	EA	4' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES500)	1,798.49	97.97
32 33 43 13-0272	EA	4' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES505)	1,496.03	73.35
32 33 43 13-0273	EA	6' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES520)	2,101.68	97.97
32 33 43 13-0274	EA	6' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES525)	1,797.00	73.35
32 33 43 13-0275	EA	8' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES527)	2,940.40	97.97
32 33 43 13-0276	EA	8' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES528)	2,480.82	73.35
32 33 43 13-0277		**Benches, Concrete (Quick Crete)** *(32 33 43 13)*		
32 33 43 13-0278	EA	84" Long, Concrete Park Bench With Back (Quick Crete Q1PS84B)	2,517.97	130.98
32 33 43 13-0279		**Other Benches** *(32 33 43 13)*		
32 33 43 13-0280	EA	6' Timberform #2118-6 Restoration Bench With Cast Iron Glossy Black Frames, Armrests, Purple Heart Wood Slats, S.J.S.U. Logo, Surface Mount	4,046.20	96.93
32 33 43 53		**Site Tables** *(32 33 43)*		
32 33 43 53-0001		**Tables** *(32 33 43 53)*		
32 33 43 53-0002		**Tables (Wabash)** *(32 33 43 53-0001)*		
32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,657.61	94.30
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	8,027.58	94.30
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,445.33	94.30
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,622.89	104.78
32 33 43 53-0007		**Tables (Landscapeforms)** *(32 33 43 53-0001)*		
32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	830.81	97.97
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	1,033.67	97.97
32 33 43 53-0010	EA	Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,033.67	97.97
32 33 43 53-0011	EA	Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,033.67	97.97
32 33 43 53-0012	EA	6-Person Picnic Table (Landscapeforms Manistee)	3,077.97	97.97
32 33 43 53-0013	EA	4-Person Picnic Table (Landscapeforms Manistee)	2,737.17	97.97
32 33 43 53-0014	EA	2-Person Picnic Table (Landscapeforms Manistee)	2,424.76	97.97
32 33 43 53-0015	EA	Umbrella Stand For Picnic Table (Landscapeforms)	253.57	
32 33 43 53-0016	EA	32" x 72" Picnic Table (Landscapeforms Petoskey)	2,434.99	94.30
32 33 43 53-0017	EA	62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,290.47	73.35
32 33 43 53-0018	EA	29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,081.01	73.35
32 33 43 53-0019	EA	58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,847.55	94.30
32 33 43 53-0020	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,737.17	97.97
32 33 43 53-0021	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,737.17	97.97
32 33 43 53-0022	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,546.57	97.97
32 33 43 53-0023	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,546.57	97.97
32 33 43 53-0024	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,921.77	97.97
32 33 43 53-0025	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,921.77	97.97
32 33 43 53-0026	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,731.17	97.97
32 33 43 53-0027	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,731.17	97.97
32 33 43 53-0028	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,850.77	97.97
32 33 43 53-0029	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,850.77	97.97
32 33 43 53-0030	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,716.97	97.97
32 33 43 53-0031	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,716.97	97.97
32 33 43 53-0032	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,035.37	97.97
32 33 43 53-0033	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,035.37	97.97
32 33 43 53-0034	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,901.57	97.97
32 33 43 53-0035	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,901.57	97.97
32 33 43 53-0036	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,907.57	97.97
32 33 43 53-0037	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,907.57	97.97
32 33 43 53-0038	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,731.17	97.97
32 33 43 53-0039	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,731.17	97.97
32 33 43 53-0040	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,092.17	97.97
32 33 43 53-0041	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,092.17	97.97
32 33 43 53-0042	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,915.77	97.97
32 33 43 53-0043	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,915.77	97.97
32 33 43 53-0044	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,049.57	97.97
32 33 43 53-0045	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,049.57	97.97
32 33 43 53-0046	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,944.17	97.97
32 33 43 53-0047	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,944.17	97.97
32 33 43 53-0048	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,234.17	97.97
32 33 43 53-0049	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,234.17	97.97
32 33 43 53-0050	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,128.77	97.97
32 33 43 53-0051	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,128.77	97.97
32 33 43 53-0052	EA	3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,542.42	97.97
32 33 43 53-0053	EA	4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,542.42	97.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0054	EA	5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,341.17	97.97
32 33 43 53-0055	EA	6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,341.17	97.97
32 33 43 53-0056	EA	3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,643.85	97.97
32 33 43 53-0057	EA	4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,643.85	97.97
32 33 43 53-0058	EA	5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,429.92	97.97
32 33 43 53-0059	EA	6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,429.92	97.97
32 33 43 53-0060	EA	3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,656.53	97.97
32 33 43 53-0061	EA	4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,656.53	97.97
32 33 43 53-0062	EA	5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,493.32	97.97
32 33 43 53-0063	EA	6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,493.32	97.97
32 33 43 53-0064	EA	3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,745.28	97.97
32 33 43 53-0065	EA	4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,745.28	97.97
32 33 43 53-0066	EA	5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,582.07	97.97
32 33 43 53-0067	EA	6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,582.07	97.97
32 33 43 53-0068	EA	3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,707.24	97.97
32 33 43 53-0069	EA	4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,707.24	97.97
32 33 43 53-0070	EA	5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,518.67	97.97
32 33 43 53-0071	EA	6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,518.67	97.97
32 33 43 53-0072	EA	3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,802.33	97.97
32 33 43 53-0073	EA	4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,802.33	97.97
32 33 43 53-0074	EA	5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,607.42	97.97
32 33 43 53-0075	EA	6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,607.42	97.97
32 33 43 53-0076	EA	3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,865.73	97.97
32 33 43 53-0077	EA	4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,865.73	97.97
32 33 43 53-0078	EA	5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,765.91	97.97
32 33 43 53-0079	EA	6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,765.91	97.97
32 33 43 53-0080	EA	3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,954.48	97.97
32 33 43 53-0081	EA	4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,954.48	97.97
32 33 43 53-0082	EA	5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,854.66	97.97
32 33 43 53-0083	EA	6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,854.66	97.97
32 33 43 53-0084		Tables (Columbia Cascade Co. - TimberForm) *(32 33 43 53-0001)*		
32 33 43 53-0085	EA	Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,909.16	122.38
32 33 43 53-0086	EA	Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,988.51	122.38
32 33 43 53-0087	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	4,144.62	122.38
32 33 43 53-0088	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	5,164.01	122.38
32 33 43 53-0089	EA	Table With Four Seats (Columbia Cascade Co. 2054-E)	2,765.45	122.38
32 33 43 53-0090	EA	Table With Four Seats (Columbia Cascade Co. 2054-P)	3,005.30	122.38
32 33 43 53-0091	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,360.69	122.38
32 33 43 53-0092	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,570.56	122.38
32 33 43 53-0093	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	3,080.26	122.38
32 33 43 53-0094	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,290.13	122.38
32 33 43 53-0095	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,969.12	122.38
32 33 43 53-0096	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,735.47	122.38
32 33 43 53-0097	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	2,945.34	122.38
32 33 43 53-0098	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,624.33	122.38
32 33 43 53-0099	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,395.07	122.38
32 33 43 53-0100	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,634.93	122.38
32 33 43 53-0101	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	3,964.73	122.38
32 33 43 53-0102	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	4,204.58	122.38
32 33 43 53-0103	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,969.12	122.38
32 33 43 53-0104	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	5,208.98	122.38
32 33 43 53-0105	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	4,969.12	122.38
32 33 43 53-0106	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	5,208.98	122.38
32 33 43 53-0107	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,169.14	48.93
32 33 43 53-0108	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,558.91	48.93
32 33 43 53-0109	EA	Gameboard (Columbia Cascade Co. 2095)	337.23	24.52
32 33 43 53-0110	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,395.07	122.38
32 33 43 53-0111	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,874.78	122.38
32 33 43 53-0112	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,634.93	122.38
32 33 43 53-0113	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	4,114.64	122.38
32 33 43 53-0114	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,769.84	122.38
32 33 43 53-0115	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	4,249.56	122.38
32 33 43 53-0116	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	4,009.70	122.38
32 33 43 53-0117	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,489.41	122.38
32 33 43 53-0118	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	3,177.94	48.93
32 33 43 53-0119	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,567.70	48.93
32 33 43 53-0120	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,552.71	48.93
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)	3,942.48	48.93
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)	7,997.31	122.38
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)	8,836.80	122.38
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)	7,997.31	122.38
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)	8,836.80	122.38
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)	1,985.91	122.38
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)	2,180.80	122.38
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)	2,375.68	122.38
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)	2,120.83	122.38
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)	2,315.72	122.38
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)	2,510.60	122.38
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)	1,940.94	122.38
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)	2,075.86	122.38
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)	2,210.78	122.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)	2,075.86	122.38
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)	2,210.78	122.38
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)	2,345.70	122.38
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)	1,880.98	122.38
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)	2,075.86	122.38
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)	2,270.74	122.38
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)	1,880.98	122.38
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)	2,075.86	122.38
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)	2,270.74	122.38
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)	1,880.98	122.38
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)	2,075.86	122.38
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)	2,270.74	122.38
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)	1,791.03	122.38
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)	1,925.95	122.38
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)	2,060.87	122.38
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)	1,791.03	122.38
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)	1,925.95	122.38
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)	2,060.87	122.38
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)	1,791.03	122.38
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)	1,925.95	122.38
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)	2,060.87	122.38
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)	1,716.08	122.38
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)	1,910.96	122.38
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)	2,105.84	122.38
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)	1,851.00	122.38
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)	2,045.88	122.38
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)	2,240.76	122.38
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)	1,596.15	122.38
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)	1,716.08	122.38
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)	1,851.00	122.38
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)	1,716.08	122.38
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)	1,851.00	122.38
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)	1,985.91	122.38
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)	1,806.02	122.38
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)	2,000.91	122.38
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)	2,195.79	122.38
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)	1,806.02	122.38
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)	2,000.91	122.38
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,195.79	122.38
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,806.02	122.38
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	2,000.91	122.38
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,195.79	122.38
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,701.09	122.38
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,836.01	122.38
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	1,970.92	122.38
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,701.09	122.38
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,836.01	122.38
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	1,970.92	122.38
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,701.09	122.38
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,836.01	122.38
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	1,970.92	122.38
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,596.15	122.38
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,656.11	122.38
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,716.08	122.38
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,731.07	122.38
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,791.03	122.38
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,851.00	122.38
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,581.16	122.38
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,626.13	122.38
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,671.10	122.38
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,716.08	122.38
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,761.05	122.38
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,806.02	122.38
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,626.13	122.38
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,686.09	122.38
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,746.06	122.38
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,626.13	122.38
32 33 43 53-0202	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,686.09	122.38
32 33 43 53-0203	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,746.06	122.38
32 33 43 53-0204	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,626.13	122.38
32 33 43 53-0205	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,686.09	122.38
32 33 43 53-0206	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,746.06	122.38
32 33 43 53-0207	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,626.13	122.38
32 33 43 53-0208	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,671.10	122.38
32 33 43 53-0209	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,716.08	122.38
32 33 43 53-0210	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,626.13	122.38
32 33 43 53-0211	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,671.10	122.38
32 33 43 53-0212	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,716.08	122.38
32 33 43 53-0213	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,626.13	122.38
32 33 43 53-0214	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,671.10	122.38
32 33 43 53-0215	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,716.08	122.38
32 33 43 53-0216	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,656.11	122.38
32 33 43 53-0217	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,716.08	122.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0218	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,776.04	122.38
32 33 43 53-0219	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,791.03	122.38
32 33 43 53-0220	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,851.00	122.38
32 33 43 53-0221	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,910.96	122.38
32 33 43 53-0222	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,761.05	122.38
32 33 43 53-0223	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,806.02	122.38
32 33 43 53-0224	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,851.00	122.38
32 33 43 53-0225	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,895.97	122.38
32 33 43 53-0226	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,940.94	122.38
32 33 43 53-0227	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	1,985.91	122.38
32 33 43 53-0228	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,731.07	122.38
32 33 43 53-0229	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,791.03	122.38
32 33 43 53-0230	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,851.00	122.38
32 33 43 53-0231	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,731.07	122.38
32 33 43 53-0232	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,791.03	122.38
32 33 43 53-0233	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,851.00	122.38
32 33 43 53-0234	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,731.07	122.38
32 33 43 53-0235	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,791.03	122.38
32 33 43 53-0236	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,851.00	122.38
32 33 43 53-0237	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,836.01	122.38
32 33 43 53-0238	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,880.98	122.38
32 33 43 53-0239	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,925.95	122.38
32 33 43 53-0240	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,836.01	122.38
32 33 43 53-0241	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,880.98	122.38
32 33 43 53-0242	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,925.95	122.38
32 33 43 53-0243	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,836.01	122.38
32 33 43 53-0244	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,880.98	122.38
32 33 43 53-0245	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,925.95	122.38
32 33 43 53-0246	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,401.27	122.38
32 33 43 53-0247	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,446.24	122.38
32 33 43 53-0248	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,491.21	122.38
32 33 43 53-0249	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,536.19	122.38
32 33 43 53-0250	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,581.16	122.38
32 33 43 53-0251	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,626.13	122.38
32 33 43 53-0252	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,656.11	122.38
32 33 43 53-0253	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,716.08	122.38
32 33 43 53-0254	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,776.04	122.38
32 33 43 53-0255	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,491.21	122.38
32 33 43 53-0256	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,551.18	122.38
32 33 43 53-0257	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,611.14	122.38
32 33 43 53-0258	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,371.28	122.38
32 33 43 53-0259	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,416.26	122.38
32 33 43 53-0260	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,461.23	122.38
32 33 43 53-0261	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,506.20	122.38
32 33 43 53-0262	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,551.18	122.38
32 33 43 53-0263	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,596.15	122.38
32 33 43 53-0264		**Picnic Tables** *(32 33 43 53)*		
32 33 43 53-0265		**Wooden Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0266	EA	6' Permanent Rectangular Redwood Table	1,162.19	78.58
32 33 43 53-0267		**Portable Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0268	EA	6' Wood Table With Aluminum Frame	1,462.96	52.40
32 33 43 53-0269	EA	6' Aluminum Table And Frame	2,119.33	52.40
32 33 43 53-0270	EA	8' Aluminum Table And Frame	2,529.26	65.48
32 33 43 53-0271	EA	6' Steel Table And Frame	1,329.16	52.40
32 33 43 53-0272	EA	8' Steel Table And Frame	1,522.75	65.48
32 33 43 53-0273		**Concrete Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0274	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,644.17	209.56
32 33 43 53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	3,047.90	
32 33 43 53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	3,057.58	
32 33 43 53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	3,237.64	
32 33 43 53-0278		**Plastic Picnic Tables** *(32 33 43 53-0264)* Note: Manufactured from recycled plastic.		
32 33 43 53-0279		**Pedestal Tables - 4' Square, 2 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,610.83	78.58
32 33 43 53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,765.24	78.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0282		Pedestal Tables - 4' Square, 4 Seats *(32 33 43 53-0278)*		
32 33 43 53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,111.56	78.58
32 33 43 53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,318.91	78.58
32 33 43 53-0285		Recycled Plastic Tables *(32 33 43 53-0278)*		
32 33 43 53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,765.94	78.58
32 33 43 53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	2,303.52	78.58
32 33 43 53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,516.03	78.58
32 33 43 53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,352.82	78.58
32 33 43 53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,961.03	78.58
32 33 43 53-0291	EA	4' Youth Table, Recycled Plastic Lumber	1,177.66	62.87
32 33 53		**Site Grills** *(32 33)*		
32 33 53 00-0001		Picnic Grills *(32 33 53)*		
32 33 53 00-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 11 gauge with galvanized steel post.	447.43	
32 33 53 00-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 7 gauge with galvanized steel post.	478.43	
32 33 63		**Skate Board Deterrent** *(32 33)*		
32 33 63 00-0001		Skate Stoppers *(32 33 63)*		
32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	68.28	
		For >59 To 99, Deduct	*-7.20*	
		For >99 To 249, Deduct	*-9.12*	
		For >249, Deduct	*-11.04*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	72.19	
		For >59 To 99, Deduct	*-7.75*	
		For >99 To 249, Deduct	*-9.78*	
		For >249, Deduct	*-11.82*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	51.62	
		For >59 To 99, Deduct	*-4.87*	
		For >99 To 249, Deduct	*-6.29*	
		For >249, Deduct	*-7.70*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	41.80	
		For >59 To 99, Deduct	*-3.49*	
		For >99 To 249, Deduct	*-4.62*	
		For >249, Deduct	*-5.74*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	45.47	
		For >59 To 99, Deduct	*-4.01*	
		For >99 To 249, Deduct	*-5.24*	
		For >249, Deduct	*-6.47*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	43.61	
		For >59 To 99, Deduct	*-3.75*	
		For >99 To 249, Deduct	*-4.92*	
		For >249, Deduct	*-6.10*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	41.19	
		For >59 To 99, Deduct	*-3.41*	
		For >99 To 249, Deduct	*-4.51*	
		For >249, Deduct	*-5.62*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	56.19	
		For >59 To 99, Deduct	*-5.51*	
		For >99 To 249, Deduct	*-7.06*	
		For >249, Deduct	*-8.62*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	101.17	
		For >59 To 99, Deduct	*-11.81*	
		For >99 To 249, Deduct	*-14.71*	
		For >249, Deduct	*-17.61*	

32 35 Screening Devices *(32 30)*

32 35 13 Screens and Louvers *(32 35)*

32 35 13 00-0001		Roof Screen System *(32 35 13)*		
32 35 13 00-0002	SF	Roof Screen System Note: Includes panels with bolted connection wall or roof mounted support frames, inside an outside corners, and gates as necessary.	94.73	
32 35 13 00-0003	SF	Roof Screen System (Ruskin EV 700) Note: Includes panels with bolted connection wall or roof mounted support frames, inside an outside corners, and acessories as necessary.	96.96	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 35 16 Sound Barriers *(32 35)*

32 35 16 00-0001 Acoustical K-Rail Mounted Sound Wall (Rental) *(32 35 16)*

32 35 16 00-0002	LF	Freight/Delivery And Installation Of Rented 16' High, Dual K-Rail Mounted STC-32 Sound Wall	53.91	
32 35 16 00-0003	EA	Freight/Delivery And Installation Of Rented 20' K-Rail For Dual K-Rail Mounted Sound Wall	294.40	
32 35 16 00-0004	LF	16' High, Dual K-Rail Mounted STC-32 Sound Wall, Material Rental Per Month Note: Includes rental material only per LF per Month.	32.13	
32 35 16 00-0005	EA	20' K-Rail For Dual K-Rail Mounted Sound Wall, Material Rental Per Each Note: Includes rental material only per each 20' section per Month.	124.95	
32 35 16 00-0006	LF	Freight/Return And Removal Of Rented 16' High, Dual K-Rail Mounted STC-32 Sound Wall	49.95	
32 35 16 00-0007	EA	Freight/Return And Removal Of Rented 20' K-Rail For Dual K-Rail Mounted Sound Wall	294.40	

32 35 16 00-0008 Acoustical K-Rail Mounted Sound Wall (Purchase) *(32 35 16)*

32 35 16 00-0009	LF	16' High, Dual K-Rail Mounted STC-32 Sound Wall (Purchase) Note: Includes freight/delivery, installation and material.	910.74	
32 35 16 00-0010	EA	20' K-Rail For Dual K-Rail Mounted Sound Wall (Purchase) Note: Includes freight/delivery, installation and material.	1,365.44	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes core drilling (where needed), augering, concrete footing and compaction See CSI section 02 41 19 13-0083 for concrete core drilling, 02 41 19 13-0221 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	72.80	14.13
		For Galvanized Steel, Add	*7.57*	
		For 304 Stainless Steel, Add	*60.14*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*137.00*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*94.42*	
		For Schedule 80, Add	*9.51*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*10.92*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	98.52	14.13
		For Galvanized Steel, Add	*11.95*	
		For 304 Stainless Steel, Add	*94.86*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*137.00*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*94.42*	
		For Schedule 80, Add	*13.37*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*15.38*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	139.55	17.66
		For Galvanized Steel, Add	*17.72*	
		For 304 Stainless Steel, Add	*140.71*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*179.28*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*206.64*	
		For Schedule 80, Add	*19.17*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*20.53*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	184.98	21.19
		For Galvanized Steel, Add	*24.24*	
		For 304 Stainless Steel, Add	*192.51*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*207.52*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*220.76*	
		For Schedule 80, Add	*25.63*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*25.08*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	233.48	28.25
		For Galvanized Steel, Add	*30.08*	
		For 304 Stainless Steel, Add	*238.91*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*285.04*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*308.02*	
		For Schedule 80, Add	*32.20*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*29.22*	

32 39 13 00-0008 Cast Bollards *(32 39 13)*

32 39 13 00-0009	EA	36" Cast Aluminum Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	1,952.97	84.76
32 39 13 00-0010	EA	36" Cast Aluminum Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	3,294.15	84.76
32 39 13 00-0011	EA	36" Cast Iron Bollard, Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	1,656.46	84.76
32 39 13 00-0012	EA	36" Cast Iron Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	3,005.57	84.76

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	674.24	113.02
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	674.24	113.02
32 39 23 00-0005		Poured In Place Concrete Bollard With Powder Coated Steel Exterior *(32 39 23 00-0001)* Note: Includes high visibility powder coated steel exterior with welded anchoring tabs for embedding in concrete. Excludes excavation and concrete foundation.		
32 39 23 00-0006	EA	24" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	257.25	56.51
32 39 23 00-0007	EA	36" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	329.78	56.51
32 39 23 00-0008	EA	42" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	378.68	56.51
32 39 23 00-0009	EA	48" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	424.89	56.51

32 39 25 Manufactured Wood Bollards *(32 39)*

32 39 25 00-0001		Wood Bollards *(32 39 25)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	26.35	11.31
		For Each Sleeve For Removable, Lockable Bollard, Add	*140.20*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	30.31	11.31
		For Each Sleeve For Removable, Lockable Bollard, Add	*140.20*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	39.15	12.71
		For Each Sleeve For Removable, Lockable Bollard, Add	*220.86*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	55.29	16.95
		For Each Sleeve For Removable, Lockable Bollard, Add	*237.82*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	76.00	22.60
		For Each Sleeve For Removable, Lockable Bollard, Add	*335.42*	

32 39 27 Manufactured Plastic Bollards *(32 39)*

32 39 27 00-0001		Plastic Bollards *(32 39 27)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.		
32 39 27 00-0002		Recycled Plastic Bollards *(32 39 27 00-0001)*		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	367.20	56.51
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	593.47	56.51
32 39 27 00-0005		Plastic Bollard Covers *(32 39 27 00-0001)*		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	94.42	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	102.16	14.97
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	128.02	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	128.02	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	143.71	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	128.02	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	130.26	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	128.02	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	130.26	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	181.80	13.61
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	130.74	14.97
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	166.59	14.97
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	189.54	14.97
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	160.35	16.34
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	173.80	16.34
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	173.80	16.34
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	234.31	16.34
		For Reflective Tape, Add	*10.67*	

32 39 29 Manufactured Stone Bollards *(32 39)*

32 39 29 00-0001 Stone Bollards *(32 39 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 29 00-0002		Granite Bollards *(32 39 29 00-0001)*		
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,738.57	141.28
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	2,195.74	197.78
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	1,060.86	141.28
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,602.64	113.02
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	2,410.08	113.02

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001		Drip Emitter Irrigation Devices *(32 84 13)*		
32 84 13 00-0002		Drip Emitter Irrigation Valves *(32 84 13 00-0001)*		
32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	51.71	12.10
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	83.66	12.10
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	81.43	12.10
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	111.44	12.10
32 84 13 00-0007		Drip Emitter Irrigation Filters *(32 84 13 00-0001)*		
32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	174.87	12.10
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	176.52	12.10
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	65.66	12.10
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	66.99	12.10
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	190.24	12.10
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	85.53	12.10
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	95.87	12.10
32 84 13 00-0015		Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*		
32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	64.32	12.10
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	64.32	12.10
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	64.32	12.10
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	75.20	12.10
32 84 13 00-0020		Drip Emitter Irrigation Tubing *(32 84 13 00-0001)* Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.63	1.70
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	4.25	1.94
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.58	1.70
		For Shallow Trenching And Backfill By Hand, Add	*6.92*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	4.28	1.94
		For Shallow Trenching And Backfill By Hand, Add	*7.50*	
32 84 13 00-0025		Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*		
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	3.23	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	3.27	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	3.33	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.52	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	3.20	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.42	
		For Compression Fitting, Add	*0.39*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.54	
		For Compression Fitting, Add	*0.51*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.59	
		For Compression Fitting, Add	*0.56*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.62	
		For Compression Fitting, Add	*0.59*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.86	
		For Compression Fitting, Add	*0.83*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	4.13	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	2.03	

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32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	6.66	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	7.71	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	16.55	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	25.83	10.89
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	25.89	10.89
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	28.81	10.89
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	29.12	10.89
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	42.56	14.28
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	46.33	14.28
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	48.01	14.28
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	4.86	2.12
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		**Sprinkler Heads** *(32 84 23)*		
32 84 23 00-0002		**Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	37.39	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	35.25	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	43.16	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	49.78	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	38.23	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	49.36	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	54.71	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	41.40	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	51.54	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	56.55	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	42.67	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	58.24	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	63.17	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	31.10	13.37
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	36.04	13.37
32 84 23 00-0018		**Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		**1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	53.02	13.37
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	54.78	13.37
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022		**3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	48.80	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	67.82	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	52.32	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	70.64	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	53.73	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	56.55	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	74.86	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	86.14	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	56.19	13.37
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	67.47	13.37
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0033		1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	94.24	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*51.86*	
32 84 23 00-0035		1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	135.10	13.37
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037		Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*		
		Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	74.51	13.37
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	57.60	13.37
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	113.94	13.37
32 84 23 00-0041		Electric Remote Control Irrigation Valves *(32 84 23)*		
32 84 23 00-0042		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	157.66	55.73
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	157.66	55.73
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	173.59	63.53
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	159.07	55.73
32 84 23 00-0047		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	159.07	55.73
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	175.70	63.53
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	177.11	63.53
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		

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32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	271.80	55.73
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	321.11	55.73
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	384.52	55.73
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	392.95	62.64
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	442.27	62.64
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	505.68	62.64
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	463.40	62.64
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	512.72	62.64
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	576.13	62.64
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	412.06	55.73
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	638.80	55.73
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	659.30	55.73
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,563.48	75.23
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	377.66	62.64
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	445.08	62.64
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	518.29	62.64
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	614.67	62.64
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	504.39	62.64
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	773.41	62.64
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	796.46	62.64
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,675.23	62.64
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	514.54	55.73
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	741.28	55.73
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	761.78	55.73
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,665.96	75.23
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	483.34	62.64
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	550.77	62.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	623.97	62.64
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	720.35	62.64
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	606.87	62.64
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	875.89	62.64
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	898.94	62.64
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,777.71	62.64
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	150.26	
32 84 23 00-0095		Remote Control Valve Assemblies *(32 84 23 00-0041)*		
		Note: Includes excavation and disposal of soil, installation of 6" minimum depth gravel or crushed rock, woven wire cloth, valve, fittings, valve box (Carson 1419-12), as detailed in the Caltrans Standard Plans 2010 page 224.		
32 84 23 00-0096	EA	1" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	580.78	139.31
32 84 23 00-0097	EA	1-1/2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	630.10	139.31
32 84 23 00-0098	EA	2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	693.51	139.31
32 84 23 00-0099	EA	1" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	651.24	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0100	EA	1-1/2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	700.56	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0101	EA	2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	763.97	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0102	EA	1" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	671.18	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0103	EA	1-1/2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	811.81	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0104	EA	2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	908.19	139.31
		Note: Purple components for use with recycled water		
32 84 23 00-0105		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		
32 84 23 00-0106	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	94.68	40.12
32 84 23 00-0107	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	111.32	40.12
32 84 23 00-0108	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	146.00	52.82
32 84 23 00-0109	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	248.27	77.13
32 84 23 00-0110	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	253.59	77.13
32 84 23 00-0111	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	291.76	77.13
32 84 23 00-0112	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	296.30	77.13
32 84 23 00-0113	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	514.40	77.13
32 84 23 00-0114	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	796.89	77.13
32 84 23 00-0115	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Concrete Lid	509.52	157.09
		For 12" Extension, Add	*107.62*	
32 84 23 00-0116	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Steel Lid	787.03	157.09
		For 12" Extension, Add	*107.62*	
32 84 23 00-0117	EA	12" x 17" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1419-12)	202.99	66.87
32 84 23 00-0118	EA	15" x 21" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1220-12)	294.16	77.13
32 84 23 00-0119	EA	10" Round Irrigation Valve Box With Lid (Carson 910-10)	156.21	52.82
32 84 23 00-0120		Irrigation Controllers *(32 84 23)*		
		See CSI section 27 15 13 00-0256 for low voltage wiring.		
32 84 23 00-0121		Irrigation Controllers *(32 84 23 00-0120)*		
32 84 23 00-0122		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0121)*		
32 84 23 00-0123		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0122)*		
32 84 23 00-0124		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0125		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series)** *(32 84 23 00-0124)*		
32 84 23 00-0126	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	433.29	41.91
32 84 23 00-0127	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	605.46	41.91
32 84 23 00-0128	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	777.64	41.91
32 84 23 00-0129	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	949.82	41.91
32 84 23 00-0130	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,080.08	41.91
32 84 23 00-0131	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,257.49	41.91
32 84 23 00-0132	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,434.92	41.91
32 84 23 00-0133		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)** *(32 84 23 00-0124)*		
32 84 23 00-0134	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	505.36	41.91
32 84 23 00-0135	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	677.54	41.91
32 84 23 00-0136	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	849.72	41.91
32 84 23 00-0137	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,021.90	41.91
32 84 23 00-0138	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,152.16	41.91
32 84 23 00-0139	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,329.57	41.91
32 84 23 00-0140	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,506.99	41.91
32 84 23 00-0141		**Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0123)*		
32 84 23 00-0142		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series)** *(32 84 23 00-0141)*		
32 84 23 00-0143	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	683.65	41.91
32 84 23 00-0144	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	855.82	41.91
32 84 23 00-0145	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,028.00	41.91
32 84 23 00-0146	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,200.19	41.91
32 84 23 00-0147	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,330.45	41.91
32 84 23 00-0148	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,507.86	41.91
32 84 23 00-0149	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,685.28	41.91
32 84 23 00-0150		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0141)*		
32 84 23 00-0151	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	737.66	41.91
32 84 23 00-0152	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	909.83	41.91
32 84 23 00-0153	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,082.01	41.91
32 84 23 00-0154	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,254.19	41.91
32 84 23 00-0155	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,384.45	41.91
32 84 23 00-0156	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,561.86	41.91
32 84 23 00-0157	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,739.28	41.91
32 84 23 00-0158		**Accessories For ESP-ME/MEI Irrigation Controllers** *(32 84 23 00-0123)*		
32 84 23 00-0159	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	177.42	
32 84 23 00-0160	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	339.80	
32 84 23 00-0161	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	470.86	
32 84 23 00-0162		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series)** *(32 84 23 00-0122)*		
32 84 23 00-0163		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series)** *(32 84 23 00-0162)*		
32 84 23 00-0164	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,022.13	41.91
32 84 23 00-0165	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,238.78	41.91
32 84 23 00-0166	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,458.91	41.91
32 84 23 00-0167	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,675.56	41.91
32 84 23 00-0168	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,895.70	41.91
32 84 23 00-0169	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,112.34	41.91
32 84 23 00-0170	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,332.49	41.91
32 84 23 00-0171	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,549.13	41.91
32 84 23 00-0172	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,769.27	41.91
32 84 23 00-0173	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,985.92	41.91
32 84 23 00-0174		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series)** *(32 84 23 00-0162)*		
32 84 23 00-0175	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,015.22	41.91
32 84 23 00-0176	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,231.85	41.91
32 84 23 00-0177	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,452.00	41.91
32 84 23 00-0178	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,668.64	41.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0179	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,888.79	41.91
32 84 23 00-0180	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,105.43	41.91
32 84 23 00-0181	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,325.56	41.91
32 84 23 00-0182	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,542.21	41.91
32 84 23 00-0183	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,762.35	41.91
32 84 23 00-0184	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,979.00	41.91
32 84 23 00-0185	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	3,199.14	41.91
32 84 23 00-0186		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0162)*		
32 84 23 00-0187	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	742.70	
32 84 23 00-0188	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,721.34	
32 84 23 00-0189	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,625.30	
32 84 23 00-0190	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,608.89	
32 84 23 00-0191	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	216.64	
32 84 23 00-0192	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	436.79	
32 84 23 00-0193	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	677.46	
32 84 23 00-0194	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	249.86	
32 84 23 00-0195		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0122)*		
32 84 23 00-0196		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0195)*		
32 84 23 00-0197	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	492.76	41.91
32 84 23 00-0198	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	595.84	41.91
32 84 23 00-0199	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	742.58	41.91
32 84 23 00-0200		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0195)*		
32 84 23 00-0201	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	611.70	
32 84 23 00-0202	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	125.80	31.43
32 84 23 00-0203		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0122)*		
32 84 23 00-0204	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	183.41	31.43
32 84 23 00-0205	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	372.10	31.43
32 84 23 00-0206	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	393.07	31.43
32 84 23 00-0207	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	574.83	31.43
32 84 23 00-0208		Two-Wire Decoder Systems *(32 84 23 00-0120)*		
32 84 23 00-0209		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0208)*		
32 84 23 00-0210		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0209)* Note: Includes water resistant cabinet.		
32 84 23 00-0211	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,918.24	41.91
32 84 23 00-0212	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,193.52	41.91
32 84 23 00-0213	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	5,468.78	41.91
32 84 23 00-0214		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0209)*		
32 84 23 00-0215	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	360.24	41.91
32 84 23 00-0216	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	458.10	41.91
32 84 23 00-0217	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	684.20	41.91
32 84 23 00-0218	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	832.36	41.91
32 84 23 00-0219	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,373.73	41.91
32 84 23 00-0220		Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0209)*		
32 84 23 00-0221	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	2,173.77	
32 84 23 00-0222	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,275.26	
32 84 23 00-0223	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	272.58	36.68
32 84 23 00-0224	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,214.59	41.91
32 84 23 00-0225		Calsense Controllers *(32 84 23 00-0120)*		
32 84 23 00-0226		Irrigation Controllers *(32 84 23 00-0225)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0227	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,909.21	104.78
32 84 23 00-0228	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,751.58	117.88
32 84 23 00-0229	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	5,146.43	130.98
32 84 23 00-0230	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,661.25	130.98
32 84 23 00-0231	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	6,691.97	144.08
32 84 23 00-0232	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	8,073.18	144.08
32 84 23 00-0233	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	9,141.57	157.17
32 84 23 00-0234	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	10,233.99	157.17
32 84 23 00-0235	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,958.53	52.40
32 84 23 00-0236	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,246.28	52.40

32 84 23 00-0237 Irrigation Controller Accessories *(32 84 23 00-0225)*

32 84 23 00-0238	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	120.54	
32 84 23 00-0239	EA	Spare Lock For Enclosures (Calsense PAD)	130.59	
32 84 23 00-0240	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	156.79	13.10
32 84 23 00-0241	EA	Transformer For Irrigation Controllers (Calsense TR-1)	230.34	52.40
32 84 23 00-0242	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	619.60	52.40
32 84 23 00-0243	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	820.50	52.40
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*373.81*	

32 84 23 00-0244 Sensors For Irrigation Controllers *(32 84 23 00-0225)*

32 84 23 00-0245 Flow Sensors *(32 84 23 00-0244)*

32 84 23 00-0246	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,437.93	78.58
		For Flow Meter Replacement Insert Only, Deduct	*-1,038.14*	
32 84 23 00-0247	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,488.16	78.58
		For Flow Meter Replacement Insert Only, Deduct	*-1,088.37*	
32 84 23 00-0248	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,538.39	78.58
		For Flow Meter Replacement Insert Only, Deduct	*-1,138.60*	
32 84 23 00-0249	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,703.78	104.78
		For Flow Meter Replacement Insert Only, Deduct	*-1,303.53*	
32 84 23 00-0250	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,829.35	104.78
		For Flow Meter Replacement Insert Only, Deduct	*-1,429.10*	
32 84 23 00-0251	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,879.57	104.78
		For Flow Meter Replacement Insert Only, Deduct	*-1,479.32*	
32 84 23 00-0252	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	2,206.04	104.78
		For Flow Meter Replacement Insert Only, Deduct	*-1,677.76*	
32 84 23 00-0253	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	1,712.01	52.40
		For Flow Meter Replacement Insert Only, Deduct	*-1,183.73*	

32 84 23 00-0254 Moisture Sensors *(32 84 23 00-0244)*

32 84 23 00-0255	EA	Soil Moisture Sensor (Calsense 1000-S)	605.95	39.30

32 84 23 00-0256 Weather Sensors *(32 84 23 00-0244)*

32 84 23 00-0257	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,653.56	104.78
32 84 23 00-0258	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,913.35	209.56
32 84 23 00-0259	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,767.39	157.17

32 84 23 00-0260 Weather Sensor Accessories *(32 84 23 00-0244)*

32 84 23 00-0261	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	1,109.30	
32 84 23 00-0262	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	2,088.71	
32 84 23 00-0263	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	1,109.30	52.40
32 84 23 00-0264	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,551.14	52.40

32 84 23 00-0265 Antennas For Irrigation Controllers *(32 84 23 00-0225)*

Note: Excludes antenna cable.

32 84 23 00-0266	EA	Local Radio Dome Antenna (Calsense LR-DOME)	581.93	52.40
32 84 23 00-0267	EA	Local Radio Stick Antenna (Calsense LR-STICK)	845.61	52.40
32 84 23 00-0268	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	950.39	104.78
32 84 23 00-0269	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	581.93	52.40
32 84 23 00-0270	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	581.93	52.40
32 84 23 00-0271	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	581.93	52.40
32 84 23 00-0272	EA	GPRS Stick Antenna (Calsense GR-STICK)	845.61	52.40
32 84 23 00-0273	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	581.93	52.40
32 84 23 00-0274	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	845.61	52.40
32 84 23 00-0275	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	950.39	104.78
32 84 23 00-0276	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	581.93	52.40
32 84 23 00-0277	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	581.93	52.40
32 84 23 00-0278	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	581.93	52.40
32 84 23 00-0279	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	581.93	52.40
32 84 23 00-0280	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	15.83	0.63
32 84 23 00-0281	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	579.77	26.20
32 84 23 00-0282	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	946.07	52.40
32 84 23 00-0283	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	816.17	
32 84 23 00-0284	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	1,155.20	
32 84 23 00-0285	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	853.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0286		**Pedestals And Enclosures For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0287	EA	15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	533.87	78.58
32 84 23 00-0288	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,289.30	130.98
32 84 23 00-0289	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	1,423.21	52.40
32 84 23 00-0290	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	1,698.37	39.30
32 84 23 00-0291	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	5,316.35	39.30
32 84 23 00-0292	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	6,005.25	39.30
32 84 23 00-0293	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	8,715.00	78.58
32 84 23 00-0294	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	9,134.50	78.58
32 84 23 00-0295	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	300.16	
32 84 23 00-0296	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	970.09	
32 84 23 00-0297		**Central Computer For Irrigation Control Systems** *(32 84 23 00-0225)*		
32 84 23 00-0298	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	6,702.65	
32 84 23 00-0299	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	11,862.23	
32 84 23 00-0300	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	2,278.32	
32 84 23 00-0301	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	4,483.28	
32 84 23 00-0302	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	7,217.65	
32 84 23 00-0303	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	4,314.87	
32 84 23 00-0304		**Data Access Service** *(32 84 23 00-0225)*		
32 84 23 00-0305	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	36.53	
32 84 23 00-0306	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	399.52	
32 84 23 00-0307	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	1,712.25	
32 84 23 00-0308	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	148.40	
32 84 23 00-0309	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	1,598.10	
32 84 23 00-0310	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	6,849.00	
32 84 23 00-0311		**Communication Options For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0312	EA	FCC License Fee (Calsense)	246.46	
32 84 23 00-0313	EA	P.C.I.A. And/or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	474.76	
32 84 23 00-0314	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	1,324.14	
32 84 23 00-0315	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,392.63	
32 84 23 00-0316	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,392.63	
32 84 23 00-0317	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,853.75	
32 84 23 00-0318	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,629.97	
32 84 23 00-0319	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,629.97	
32 84 23 00-0320	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	3,629.97	
32 84 23 00-0321	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	11,643.30	
32 84 23 00-0322	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	4,487.13	
32 84 23 00-0323		**Retrofit Options For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0324		**Weather Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0325	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,782.78	
32 84 23 00-0326	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,782.78	
32 84 23 00-0327	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,782.78	
32 84 23 00-0328	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,782.78	
32 84 23 00-0329		**Phone Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0330	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,874.10	
32 84 23 00-0331	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	2,216.56	
32 84 23 00-0332	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,552.11	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0333		**Local Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0334	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	2,102.40	
32 84 23 00-0335	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	4,431.06	
32 84 23 00-0336	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,755.20	
32 84 23 00-0337		**Spread Spectrum Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0338	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	2,102.40	
32 84 23 00-0339	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	4,431.06	
32 84 23 00-0340	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,755.20	
32 84 23 00-0341		**Ethernet Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0342	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	2,102.40	
32 84 23 00-0343	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	2,216.56	
32 84 23 00-0344	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,552.11	
32 84 23 00-0345		**GPRS Radio Modem Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0323)*		
32 84 23 00-0346	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	2,102.40	
32 84 23 00-0347	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	4,431.06	
32 84 23 00-0348	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,755.20	
32 84 23 00-0349		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0350	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	2,113.82	
32 84 23 00-0351	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	452.03	
32 84 23 00-0352	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	194.06	
32 84 23 00-0353	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	345.82	
32 84 23 00-0354	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	220.26	13.10
32 84 23 00-0355	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	425.72	13.10
32 84 23 00-0356	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	459.97	13.10
32 84 23 00-0357		**Hydro-Safe WeatherTrak Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0358		**Front Entry Pedestal Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 Commercial controller assembly in StrongBox SB-18SS enclosure.		
32 84 23 00-0359	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC12S)	9,016.20	130.98
32 84 23 00-0360	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC18S)	9,596.59	130.98
32 84 23 00-0361	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC24S)	10,203.18	144.08
32 84 23 00-0362	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC30S)	10,904.49	144.08
32 84 23 00-0363	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC36S)	11,484.88	144.08
32 84 23 00-0364	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC42S)	12,067.29	157.17
32 84 23 00-0365	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC48S)	12,647.68	157.17
32 84 23 00-0366		**Back-to-Back Dual Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 Dual back-to-back controller assembly in StrongBox SB-18DSS enclosure.		
32 84 23 00-0367	EA	12+18 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1218S)	16,637.87	157.17
32 84 23 00-0368	EA	12+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1224S)	17,194.08	157.17
32 84 23 00-0369	EA	12+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1236S)	18,445.13	178.13
32 84 23 00-0370	EA	12+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1242S)	19,098.07	178.13
32 84 23 00-0371	EA	18+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1824S)	17,774.48	157.17
32 84 23 00-0372	EA	18+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1836S)	19,098.07	178.13
32 84 23 00-0373	EA	18+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1842S)	19,678.47	178.13
32 84 23 00-0374	EA	24+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2424S)	18,396.77	178.13
32 84 23 00-0375	EA	24+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2436S)	19,678.47	178.13
32 84 23 00-0376	EA	24+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2442S)	20,276.60	199.09
32 84 23 00-0377	EA	36+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3636S)	21,002.09	199.09
32 84 23 00-0378	EA	36+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3642S)	21,558.29	199.09
32 84 23 00-0379	EA	42+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC4242S)	22,180.60	220.04
32 84 23 00-0380		**Wall Mount/Retrofit Mount Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 wall mount / retrofit controller assembly.		
32 84 23 00-0381	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC12S)	5,509.66	130.98
32 84 23 00-0382	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC18S)	5,993.32	130.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0383	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC24S)	6,599.91	144.08
32 84 23 00-0384	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC30S)	7,301.22	144.08
32 84 23 00-0385	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC36S)	7,881.61	144.08
32 84 23 00-0386	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC42S)	8,488.20	157.17
32 84 23 00-0387		Top Mount Irrigation Controllers *(32 84 23 00-0357)*		
		Note: HydroPoint WeatherTrak ETPro2 stainless steel top mount controller assembly.		
32 84 23 00-0388	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC12S)	9,596.59	130.98
32 84 23 00-0389	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC18S)	10,176.98	130.98
32 84 23 00-0390	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC24S)	10,807.75	144.08
32 84 23 00-0391	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC30S)	11,484.88	144.08
32 84 23 00-0392	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC36S)	12,065.27	144.08
32 84 23 00-0393	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC42S)	12,671.86	157.17
32 84 23 00-0394	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC48S)	13,228.07	157.17
32 84 23 00-0395		Wall Mount Irrigation Controllers *(32 84 23 00-0357)*		
		Note: HydroPoint WeatherTrak ETPro2 stainless steel wall mount controller assembly.		
32 84 23 00-0396	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC12S)	7,105.74	130.98
32 84 23 00-0397	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC18S)	7,686.13	130.98
32 84 23 00-0398	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC24S)	8,292.72	144.08
32 84 23 00-0399	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC30S)	8,994.03	144.08
32 84 23 00-0400	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC36S)	9,574.42	144.08
32 84 23 00-0401	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC42S)	10,181.01	157.17
32 84 23 00-0402	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC48S)	10,737.22	157.17
32 84 23 00-0403		Accessories *(32 84 23 00-0357)*		
32 84 23 00-0404	EA	WeatherTRAK Central Internet Management Upgrade (HydroPoint WTEXB-PRO2-CIM)	2,637.56	
32 84 23 00-0405	EA	Central Pancake Antenna (HydroPoint ANT-GRPS-PC)	405.46	
32 84 23 00-0406	EA	Central Antenna Amplifier Kit (HydroPoint ANT-AMP-C-Kit)	3,314.69	
32 84 23 00-0407	EA	Central Antenna Amplifier Kit With YAGI Antenna (HydroPoint ANT-AMP-C-Yagi-Kit)	4,342.46	
32 84 23 00-0408	EA	6-Station Key - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-6STA-KEY)	825.44	
32 84 23 00-0409	EA	24-Station Output Board - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-STA-EXT-BRD)	1,210.77	
32 84 23 00-0410		Satellite Irrigation Controllers (Rain Bird® ESP-SAT) *(32 84 23 00-0120)*		
		Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0411	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	4,968.45	235.76
32 84 23 00-0412	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	5,239.71	248.86
32 84 23 00-0413	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	7,270.02	261.95
32 84 23 00-0414		LEIT Controllers *(32 84 23 00-0120)*		
32 84 23 00-0415		LEIT X Series Irrigation Controller *(32 84 23 00-0414)*		
32 84 23 00-0416	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	4,666.86	41.91
32 84 23 00-0417	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	5,119.91	41.91
32 84 23 00-0418	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	5,862.38	41.91
32 84 23 00-0419	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	6,604.84	41.91
32 84 23 00-0420	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	7,131.26	41.91
32 84 23 00-0421	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	7,657.67	41.91
32 84 23 00-0422		LEIT X Series Irrigation Controller Assembly *(32 84 23 00-0414)*		
		Note: Includes excavation and concrete for footing, 2" diameter galvanized steel pole (minimum 18" bury), 2" sweeps, controller, and number 5 concrete box with non-traffic rated lid per detail.		
32 84 23 00-0423	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,295.24	216.07
32 84 23 00-0424	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,748.30	216.07
32 84 23 00-0425	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	6,490.77	216.07
32 84 23 00-0426	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	7,233.23	216.07
32 84 23 00-0427	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	7,759.65	216.07
32 84 23 00-0428	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	8,286.06	216.07
32 84 23 00-0429		Enclosure For LEIT Controller Assembly *(32 84 23 00-0414)*		
		Note: Includes mounting bolts to concrete foundation and installation of enclosure per detail.		
32 84 23 00-0430	EA	12" x 12" x 54" Milled Steel, #9 Expanded Metal, Painted Per Detail, Enclosure With Access Hatch Note: For LEIT Controller	3,569.65	281.04
32 84 23 00-0431		Hunter Controllers *(32 84 23 00-0120)*		
32 84 23 00-0432		Hunter XC Hybrid Controller *(32 84 23 00-0431)*		
		Note: Operates DC latching solenoids with battery power or a plug in 24 VAC transformer. Includes 6 AA batteries, outdoor stainless steel enclosure and installation of controller in Irrigation Controller Enclosure.		
32 84 23 00-0433	EA	6 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-600-SS)	782.01	104.78
32 84 23 00-0434	EA	12 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-1200-SS)	994.73	130.98
32 84 23 00-0435		DC Latching Solenoid *(32 84 23 00-0120)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0436	EA	DC Latching Solenoid (Micro Power Solenoid) For Non-LEIT Controllers Note: As per manufacture of valve.	44.80	
32 84 23 00-0437	EA	DC Solenoid For LEIT Controllers (DIG S-305DC)	69.13	
32 84 23 00-0438		**Irrigation Controller Enclosure Cabinet** *(32 84 23 00-0120)* Note: Includes excavation, installation of concrete foundation, mounting bolts, sweeps, number 5 concrete pull box with non-traffic rated lid and installation of enclosure per detail.		
32 84 23 00-0439	EA	35" (H) x 18" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,490.39	575.98
32 84 23 00-0440	EA	35" (H) x 24" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,767.01	628.35
32 84 23 00-0441	EA	35" (H) x 36" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	4,161.76	680.71
32 84 23 00-0442	EA	35" (H) x 18" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Irrigation Controller Enclosure Cabinet,	3,490.42	575.98
32 84 23 00-0443	EA	35" (H) x 24" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	3,767.01	628.35
32 84 23 00-0444	EA	35" (H) x 36" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	4,161.76	680.71
32 84 23 00-0445	EA	35" (H) x 18" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,317.42	575.98
32 84 23 00-0446	EA	35" (H) x 24" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,697.38	628.35
32 84 23 00-0447	EA	35" (H) x 36" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	5,092.13	680.71
32 84 23 00-0448		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0449		**Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0448)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0450	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	913.61	45.98
32 84 23 00-0451	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,083.56	56.15
32 84 23 00-0452	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,642.94	65.34
32 84 23 00-0453	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,735.53	75.03
32 84 23 00-0454	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,080.35	96.81
32 84 23 00-0455		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0448)*		
32 84 23 00-0456	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	179.35	40.12
		For Valve Key, Add	*51.78*	
32 84 23 00-0457	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	185.34	40.12
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*51.78*	
32 84 23 00-0458	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	251.22	40.12
		For Valve Key, Add	*132.46*	
32 84 23 00-0459	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	275.17	40.12
		For Valve Key, Add	*132.46*	
32 84 23 00-0460	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	263.90	40.12
32 84 23 00-0461	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	275.17	40.12
32 84 23 00-0462		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0448)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0463	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	313.82	33.88
32 84 23 00-0464	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	451.33	38.72
32 84 23 00-0465	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	822.96	44.77
32 84 23 00-0466	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	1,002.74	49.62
32 84 23 00-0467	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	1,009.80	60.50
32 84 23 00-0468		**Aluminum Cam And Groove Adapter** *(32 84 23 00-0448)*		
32 84 23 00-0469	EA	1-1/2" Diameter Type A Aluminum Cam And Groove Male Adapter x 1-1/2" Diameter NPT Female Pipe Thread	43.60	
32 84 23 00-0470	EA	2" Diameter Type A Aluminum Cam And Groove Male Adapter x 2" Diameter NPT Female Pipe Thread	46.06	
32 84 23 00-0471	EA	1-1/2" Diameter Type F Aluminum Cam And Groove Male Adapter x 1-1/2" Diameter NPT Male Pipe Thread	44.90	
32 84 23 00-0472	EA	2" Diameter Type F Aluminum Cam And Groove Male Adapter x 2" Diameter NPT Male Pipe Thread	48.50	
32 84 23 00-0473		**Manual Sprinkler Control Valves** *(32 84 23 00-0448)*		
32 84 23 00-0474	EA	3/4" Manual Sprinkler Control Valves, With Union	104.63	32.67
32 84 23 00-0475	EA	1" Manual Sprinkler Control Valves, With Union	127.52	35.09
32 84 23 00-0476	EA	1-1/4" Manual Sprinkler Control Valves, With Union	196.35	44.41
32 84 23 00-0477	EA	1-1/2" Manual Sprinkler Control Valves, With Union	232.88	51.18
32 84 23 00-0478	EA	2" Manual Sprinkler Control Valves, With Union	313.09	60.50
32 84 23 00-0479		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0480		**Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0479)* Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0481		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0480)*		
32 84 23 00-0482	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.29	1.11
		For >1,000, Deduct	*-0.16*	
32 84 23 00-0483	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.01	1.39
		For >1,000, Deduct	*-0.20*	

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32 84 23 00-0484	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.82	1.67
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0485	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.37	2.12
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0486	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.98	2.65
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0487	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.15	3.10
		For >1,000, Deduct	*-0.51*	
32 84 23 00-0488	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.90	4.46
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0489	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.13	5.57
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0490	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	25.77	6.96
		For >1,000, Deduct	*-1.29*	

32 84 23 00-0491 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0480)*

32 84 23 00-0492	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.79	1.39
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0493	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.46	1.67
		For >1,000, Deduct	*-0.22*	
32 84 23 00-0494	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.11	2.12
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0495	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	7.77	2.65
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0496	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	9.82	3.10
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0497	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.78	4.46
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0498	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.81	5.57
		For >1,000, Deduct	*-0.94*	
32 84 23 00-0499	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	30.07	6.96
		For >1,000, Deduct	*-1.50*	

32 84 23 00-0500 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0480)*

32 84 23 00-0501	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.97	1.39
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0502	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.71	1.67
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0503	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.59	2.12
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0504	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.56	2.65
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0505	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.08	3.10
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0506	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.90	4.46
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0507	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.13	5.57
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0508	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	26.19	6.96
		For >1,000, Deduct	*-1.31*	

32 84 23 00-0509 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted

(32 84 23 00-0479)

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0510 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*

32 84 23 00-0511	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.21	1.39
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0512	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.04	1.67
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0513	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.58	2.12
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0514	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.18	2.65
		For >1,000, Deduct	*-0.51*	
32 84 23 00-0515	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.35	3.10
		For >1,000, Deduct	*-0.62*	
32 84 23 00-0516	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.11	4.46
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0517	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.32	5.57
		For >1,000, Deduct	*-1.02*	
32 84 23 00-0518	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	27.96	6.96
		For >1,000, Deduct	*-1.40*	

32 84 23 00-0519 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*

32 84 23 00-0520	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.48	1.39
		For >1,000, Deduct	*-0.32*	

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32 84 23 00-0521		LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.30	1.67
			For >1,000, Deduct	*-0.37*	
32 84 23 00-0522		LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.85	2.12
			For >1,000, Deduct	*-0.44*	
32 84 23 00-0523		LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.45	2.65
			For >1,000, Deduct	*-0.52*	
32 84 23 00-0524		LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.61	3.10
			For >1,000, Deduct	*-0.63*	
32 84 23 00-0525		LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.38	4.46
			For >1,000, Deduct	*-0.82*	
32 84 23 00-0526		LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	20.59	5.57
			For >1,000, Deduct	*-1.03*	
32 84 23 00-0527		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	28.23	6.96
			For >1,000, Deduct	*-1.41*	
32 84 23 00-0528			Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*		
32 84 23 00-0529		LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.74	1.39
			For >1,000, Deduct	*-0.34*	
32 84 23 00-0530		LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.57	1.67
			For >1,000, Deduct	*-0.38*	
32 84 23 00-0531		LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.12	2.12
			For >1,000, Deduct	*-0.46*	
32 84 23 00-0532		LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.72	2.65
			For >1,000, Deduct	*-0.54*	
32 84 23 00-0533		LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.88	3.10
			For >1,000, Deduct	*-0.64*	
32 84 23 00-0534		LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.65	4.46
			For >1,000, Deduct	*-0.83*	
32 84 23 00-0535		LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	20.86	5.57
			For >1,000, Deduct	*-1.04*	
32 84 23 00-0536		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	28.49	6.96
			For >1,000, Deduct	*-1.42*	
32 84 23 00-0537			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*		
32 84 23 00-0538		LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.09	1.39
			For >1,000, Deduct	*-0.30*	
32 84 23 00-0539		LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.85	1.67
			For >1,000, Deduct	*-0.34*	
32 84 23 00-0540		LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.59	2.12
			For >1,000, Deduct	*-0.43*	
32 84 23 00-0541		LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.56	2.65
			For >1,000, Deduct	*-0.53*	
32 84 23 00-0542		LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.97	3.10
			For >1,000, Deduct	*-0.65*	
32 84 23 00-0543		LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.98	4.46
			For >1,000, Deduct	*-0.80*	
32 84 23 00-0544		LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	21.01	5.57
			For >1,000, Deduct	*-1.05*	
32 84 23 00-0545		LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	32.27	6.96
			For >1,000, Deduct	*-1.61*	
32 84 23 00-0546			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*		
32 84 23 00-0547		LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.36	1.39
			For >1,000, Deduct	*-0.32*	
32 84 23 00-0548		LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.11	1.67
			For >1,000, Deduct	*-0.36*	
32 84 23 00-0549		LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.86	2.12
			For >1,000, Deduct	*-0.44*	
32 84 23 00-0550		LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.83	2.65
			For >1,000, Deduct	*-0.54*	
32 84 23 00-0551		LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.23	3.10
			For >1,000, Deduct	*-0.66*	
32 84 23 00-0552		LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.25	4.46
			For >1,000, Deduct	*-0.81*	
32 84 23 00-0553		LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	21.28	5.57
			For >1,000, Deduct	*-1.06*	
32 84 23 00-0554		LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	32.54	6.96
			For >1,000, Deduct	*-1.63*	
32 84 23 00-0555			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0556	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.62	1.39
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0557	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.38	1.67
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0558	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	9.13	2.12
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0559	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.10	2.65
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0560	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.50	3.10
		For >1,000, Deduct	*-0.68*	
32 84 23 00-0561	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.52	4.46
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0562	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	21.55	5.57
		For >1,000, Deduct	*-1.08*	
32 84 23 00-0563	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	32.80	6.96
		For >1,000, Deduct	*-1.64*	

32 84 23 00-0564 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*

32 84 23 00-0565	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.17	1.39
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0566	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.92	1.67
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0567	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.80	2.12
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0568	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.75	2.65
		For >1,000, Deduct	*-0.54*	
32 84 23 00-0569	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.29	3.10
		For >1,000, Deduct	*-0.66*	
32 84 23 00-0570	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.11	4.46
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0571	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.32	5.57
		For >1,000, Deduct	*-1.02*	
32 84 23 00-0572	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	28.38	6.96
		For >1,000, Deduct	*-1.42*	

32 84 23 00-0573 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*

32 84 23 00-0574	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.44	1.39
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0575	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.18	1.67
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0576	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.07	2.12
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0577	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.02	2.65
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0578	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.55	3.10
		For >1,000, Deduct	*-0.68*	
32 84 23 00-0579	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.38	4.46
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0580	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	20.59	5.57
		For >1,000, Deduct	*-1.03*	
32 84 23 00-0581	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	28.65	6.96
		For >1,000, Deduct	*-1.43*	

32 84 23 00-0582 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0509)*

32 84 23 00-0583	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.70	1.39
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0584	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.45	1.67
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0585	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.34	2.12
		For >1,000, Deduct	*-0.47*	
32 84 23 00-0586	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.29	2.65
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0587	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.82	3.10
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0588	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.65	4.46
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0589	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	20.86	5.57
		For >1,000, Deduct	*-1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0590	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	28.91	6.96
		For >1,000, Deduct	*-1.45*	

32 84 23 00-0591 Irrigation Riser Piping With Fittings *(32 84 23 00-0479)*

32 84 23 00-0592	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.36	3.35
32 84 23 00-0593	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.81	4.18
32 84 23 00-0594	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.70	3.90
32 84 23 00-0595	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	23.47	4.87
32 84 23 00-0596	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	43.53	5.85
32 84 23 00-0597	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	46.06	7.32
32 84 23 00-0598	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	51.05	7.52
32 84 23 00-0599	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	54.30	9.41
32 84 23 00-0600	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	58.58	9.20
32 84 23 00-0601	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	62.55	11.50

32 84 23 00-0602 Irrigation Crossover Piping With Fittings *(32 84 23 00-0479)*

Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0105 for #5 concrete pull box, 32 84 23 00-0646 for irrigation wiring.

32 84 23 00-0603 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench *(32 84 23 00-0602)*

32 84 23 00-0604	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	36.62	
		For >1,000, Deduct	*-1.83*	
32 84 23 00-0605	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	50.91	
		For >1,000, Deduct	*-2.55*	
32 84 23 00-0606	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	69.26	
		For >1,000, Deduct	*-3.46*	
32 84 23 00-0607	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	90.77	
		For >1,000, Deduct	*-4.54*	

32 84 23 00-0608 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench *(32 84 23 00-0602)*

32 84 23 00-0609	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	37.42	
		For >1,000, Deduct	*-1.87*	
32 84 23 00-0610	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	51.80	
		For >1,000, Deduct	*-2.59*	
32 84 23 00-0611	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	70.25	
		For >1,000, Deduct	*-3.51*	
32 84 23 00-0612	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	91.84	
		For >1,000, Deduct	*-4.59*	

32 84 23 00-0613 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench *(32 84 23 00-0602)*

32 84 23 00-0614	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	38.22	
		For >1,000, Deduct	*-1.91*	
32 84 23 00-0615	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	52.69	
		For >1,000, Deduct	*-2.63*	
32 84 23 00-0616	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	71.23	
		For >1,000, Deduct	*-3.56*	
32 84 23 00-0617	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	92.91	
		For >1,000, Deduct	*-4.65*	

32 84 23 00-0618 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore *(32 84 23 00-0602)*

32 84 23 00-0619	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	101.06	
		For >1,000, Deduct	*-5.05*	
32 84 23 00-0620	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	128.39	
		For >1,000, Deduct	*-6.42*	
32 84 23 00-0621	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	153.17	
		For >1,000, Deduct	*-7.66*	
32 84 23 00-0622	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	181.10	
		For >1,000, Deduct	*-9.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0623		**Below Ground Cam Adapter Assembly** *(32 84 23 00-0479)* Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0624	EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	752.21	
32 84 23 00-0625		**Above Ground Cam Adapter Assembly** *(32 84 23 00-0479)* Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0626	EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	464.03	
32 84 23 00-0627		**Thrust Block** *(32 84 23 00-0479)*		
32 84 23 00-0628	EA	Thrust Block For 1-1/2" Pipe Size And Smaller	40.64	
32 84 23 00-0629	EA	Thrust Block For 2" Pipe	69.78	
32 84 23 00-0630	EA	Thrust Block For 3" And 4" Pipe	98.92	
32 84 23 00-0631	EA	Thrust Block For 6" Pipe	157.95	
32 84 23 00-0632	EA	Thrust Block For 8" Pipe	224.68	
32 84 23 00-0633		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0634	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	68.50	22.18
32 84 23 00-0635	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	78.01	24.77
32 84 23 00-0636	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	106.20	24.77
32 84 23 00-0637	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	46.86	28.91
32 84 23 00-0638	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	62.63	38.57
32 84 23 00-0639	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	78.99	47.29
32 84 23 00-0640	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	66.55	29.36
32 84 23 00-0641	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	88.00	38.95
32 84 23 00-0642	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	108.37	47.77
32 84 23 00-0643	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	37.70	17.98
32 84 23 00-0644	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	50.38	23.97
32 84 23 00-0645	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	60.03	29.72
32 84 23 00-0646		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0647		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0648	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	54.57	16.72
32 84 23 00-0649	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	71.87	19.50
32 84 23 00-0650	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	82.72	22.29
32 84 23 00-0651	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	94.76	25.07
32 84 23 00-0652	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	107.94	27.86
32 84 23 00-0653	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	129.37	30.65
32 84 23 00-0654	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	149.89	33.44
32 84 23 00-0655	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	162.88	36.22
32 84 23 00-0656	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	178.95	39.01
32 84 23 00-0657	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	197.46	41.80
32 84 23 00-0658	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	204.19	44.58
32 84 23 00-0659	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	212.10	47.37
32 84 23 00-0660	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	223.75	50.16
32 84 23 00-0661		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0662	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	57.69	16.72
32 84 23 00-0663		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0664	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	57.70	16.72
32 84 23 00-0665		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0666	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	78.33	16.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0667		10 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0646)*		
32 84 23 00-0668	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	104.48	16.72
32 84 23 00-0669		Root Watering Systems *(32 84 23)*		
		Note: Includes swing assembly.		
32 84 23 00-0670	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	111.81	22.29
		For Root Watering Sand Sock, Add	*5.59*	
32 84 23 00-0671	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	121.14	22.29
		For Root Watering Sand Sock, Add	*5.59*	
32 84 23 00-0672	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	111.81	22.29
		For Root Watering Sand Sock, Add	*5.59*	
32 84 23 00-0673	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	121.14	22.29
		For Root Watering Sand Sock, Add	*5.59*	
32 84 23 00-0674	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	121.14	22.29
		For Root Watering Sand Sock, Add	*5.59*	
32 84 23 00-0675	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	96.99	19.50
		For Root Watering Sand Sock, Add	*5.04*	
32 84 23 00-0676	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	105.94	19.50
		For Root Watering Sand Sock, Add	*5.04*	
32 84 23 00-0677	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	96.99	19.50
		For Root Watering Sand Sock, Add	*5.04*	
32 84 23 00-0678	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	105.94	19.50
		For Root Watering Sand Sock, Add	*5.04*	
32 84 23 00-0679	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	64.29	16.72
		For Root Watering Sand Sock, Add	*4.49*	
32 84 23 00-0680	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	72.81	16.72
		For Root Watering Sand Sock, Add	*4.49*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar or cultivated varities. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0001		Mulch *(32 91 13 16)*		
		Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pine Bark Nugget Mulch	134.03	
		For >5 To 20, Deduct	*-10.79*	
		For >20 To 50, Deduct	*-16.19*	
		For >50, Deduct	*-22.89*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	131.94	
		For >5 To 20, Deduct	*-10.69*	
		For >20 To 50, Deduct	*-16.03*	
		For >50, Deduct	*-22.63*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0004	CY	Pine Wood Chip Mulch	127.77	
		For >5 To 20, Deduct	*-10.48*	
		For >20 To 50, Deduct	*-15.72*	
		For >50, Deduct	*-22.11*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0005	CY	Hardwood Chip Mulch	136.12	
		For >5 To 20, Deduct	*-10.90*	
		For >20 To 50, Deduct	*-16.35*	
		For >50, Deduct	*-23.15*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0006	CY	Shredded Hardwood Mulch	136.12	
		For >5 To 20, Deduct	*-10.90*	
		For >20 To 50, Deduct	*-16.35*	
		For >50, Deduct	*-23.15*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0007	CY	Shredded Pine Mulch	117.33	
		For >5 To 20, Deduct	*-9.96*	
		For >20 To 50, Deduct	*-14.94*	
		For >50, Deduct	*-20.80*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0008	CY	Shredded Cedar Mulch	158.04	
		For >5 To 20, Deduct	*-11.99*	
		For >20 To 50, Deduct	*-17.99*	
		For >50, Deduct	*-25.89*	
		For Work On Slopes >2.5:1, Add	*16.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0009	CY	Shredded Cypress Mulch	154.91	
		For >5 To 20, Deduct	*-11.84*	
		For >20 To 50, Deduct	*-17.76*	
		For >50, Deduct	*-25.50*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0010	CY	Shredded Redwood Mulch	163.26	
		For >5 To 20, Deduct	*-12.26*	
		For >20 To 50, Deduct	*-18.38*	
		For >50, Deduct	*-26.55*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0011	CY	Pea Gravel Mulch	135.68	
		For >5 To 20, Deduct	*-10.88*	
		For >20 To 50, Deduct	*-16.31*	
		For >50, Deduct	*-23.10*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	250.93	
		For >5 To 20, Deduct	*-17.79*	
		For >20 To 50, Deduct	*-26.68*	
		For >50, Deduct	*-39.23*	
		For Work On Slopes >2.5:1, Add	*20.96*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	394.98	
		For >5 To 20, Deduct	*-24.99*	
		For >20 To 50, Deduct	*-37.48*	
		For >50, Deduct	*-57.23*	
		For Work On Slopes >2.5:1, Add	*20.96*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	397.06	
		For >5 To 20, Deduct	*-25.09*	
		For >20 To 50, Deduct	*-37.64*	
		For >50, Deduct	*-57.49*	
		For Work On Slopes >2.5:1, Add	*20.96*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	685.15	
		For >5 To 20, Deduct	*-39.50*	
		For >20 To 50, Deduct	*-59.25*	
		For >50, Deduct	*-93.50*	
		For Work On Slopes >2.5:1, Add	*20.96*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	11.91	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.42*	
		For Work On Slopes >2.5:1, Add	*0.92*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	12.05	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.38*	
		For Work On Slopes >2.5:1, Add	*0.69*	
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	318.71	
		For >5 To 20, Deduct	*-20.03*	
		For >20 To 50, Deduct	*-30.04*	
		For >50, Deduct	*-45.98*	
		For Work On Slopes >2.5:1, Add	*16.37*	
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	145.64	
		For >5 To 20, Deduct	*-11.37*	
		For >20 To 50, Deduct	*-17.06*	
		For >50, Deduct	*-24.34*	
		For Work On Slopes >2.5:1, Add	*16.37*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM) Note: (Agri Service or Equal)	102.88	
		For Work On Slopes >2.5:1, Add	*16.37*	
		For >100 To 1,000, Deduct	*-17.42*	
		For >1,000, Deduct	*-26.66*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Up To 8" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.29	
		For Work On Slopes >2.5:1, Add	*0.26*	
32 91 13 26-0003	SF	>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.49	
		For Work On Slopes >2.5:1, Add	*0.30*	
32 91 13 26-0004	SF	>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.75	
		For Work On Slopes >2.5:1, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0005	SF	Up To 8" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.06	
		For Work On Slopes >2.5:1, Add	*1.21*	
32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.96	
		For Work On Slopes >2.5:1, Add	*1.39*	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	8.19	
		For Work On Slopes >2.5:1, Add	*1.64*	

32 91 13 26-0008 Plant Bed Preparation With Humic Compost *(32 91 13 26)*

32 91 13 26-0009	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 3 CY Per 1,000 SF) Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.	1.46	
		For Work On Slopes >2.5:1, Add	*0.28*	
		For >1,000 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.35*	
		For >10,000 To 20,000, Deduct	*-0.70*	
		For >20,000, Deduct	*-0.99*	
32 91 13 26-0010	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 6 CY Per 1,000 SF) Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.	1.81	
		For Work On Slopes >2.5:1, Add	*0.34*	
		For >1,000 To 5,000, Deduct	*-0.25*	
		For >5,000 To 10,000, Deduct	*-0.42*	
		For >10,000 To 20,000, Deduct	*-0.85*	
		For >20,000, Deduct	*-1.19*	
32 91 13 26-0011	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 9 CY Per 1,000 SF) Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.	2.14	
		For Work On Slopes >2.5:1, Add	*0.39*	
		For >1,000 To 5,000, Deduct	*-0.29*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000 To 20,000, Deduct	*-0.98*	
		For >20,000, Deduct	*-1.38*	

32 91 13 26-0012 Planting Pit Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0013	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	104.78	
		For Work On Slopes >2.5:1, Add	*20.96*	
32 91 13 26-0014	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	209.56	
		For Work On Slopes >2.5:1, Add	*41.91*	
32 91 13 26-0015	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	15.78	
		For Work On Slopes >2.5:1, Add	*3.16*	
32 91 13 26-0016	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	20.54	
		For Work On Slopes >2.5:1, Add	*4.11*	
32 91 13 26-0017	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	93.11	
		For Work On Slopes >2.5:1, Add	*18.62*	
32 91 13 26-0018	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	123.99	
		For Work On Slopes >2.5:1, Add	*16.56*	
32 91 13 26-0019	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	8.79	
		For Work On Slopes >2.5:1, Add	*1.76*	
32 91 13 26-0020	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	61.41	
		For Work On Slopes >2.5:1, Add	*4.05*	

32 91 13 26-0021 Weed Barrier *(32 91 13 26)*

32 91 13 26-0022	SY	Up To 3 Oz./SY Non-Woven, Polypropylene Weed Barrier	2.55	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0023	SY	4 Oz./SY Woven, Polypropylene Weed Barrier	3.43	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0024	SY	5 Oz./SY Woven, Needle Punched Polypropylene Weed Barrier	3.82	
		For Work On Slopes >2.5:1, Add	*0.17*	

32 91 13 33 Soil Conditioners *(32 91 13)*

32 91 13 33-0001 Spread Soil Conditioners *(32 91 13 33)*

32 91 13 33-0002	SY	Aluminum Sulfate 1 Lb./SY, Push Spreader	0.49	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 Lb./MSF Tractor Spreader	46.48	
32 91 13 33-0004	MSF	Fertilizer, 20 Lb./MSF, Push Spreader	8.58	
32 91 13 33-0005	MSF	Fertilizer, 20 Lb./MSF, Tractor Spread	3.45	
32 91 13 33-0006	MSF	Fertilizer, 20 Lb./MSF, Truck Spread	5.89	
32 91 13 33-0007	SY	Pelletized Lime, 1 Lb./SY, Push Spreader	0.12	
32 91 13 33-0008	MSF	Pelitized Lime, 110 Lb./MSF, Tractor Spreader	8.81	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	4.23	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	439.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 33-0011	SY	Vermiculite, Push Spreader	3.93	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	429.30	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 Lb./SY, Push Spreader	0.24	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 Lb./MSF, Tractor Spreader	21.14	

32 91 13 36 Lawn Bed Preparation *(32 91 13)*

32 91 13 36-0001 Lawn Bed Preparation *(32 91 13 36)*

32 91 13 36-0002	MSF	Rake Topsoil With Machine	99.46	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	83.81	
32 91 13 36-0004	MSF	Screen Loam By Hand	55.88	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.27	
32 91 13 36-0006	SY	Roll Topsoil By Hand	3.75	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	11.76	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	37.06	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	61.55	
		For >45 to 225, Deduct	*-43.09*	
		For >225, Deduct	*-55.40*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	102.59	
		For >45 to 225, Deduct	*-71.81*	
		For >225, Deduct	*-92.33*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	5.46	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	11.08	
		For Work On Slopes >2.5:1, Add	*2.22*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.89	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	1.06	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.33	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.48	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	7.07	
		For Work On Slopes >2.5:1, Add	*1.41*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.74	
		For Work On Slopes >2.5:1, Add	*0.15*	
32 91 13 36-0020	SY	Pile Sod By Hand	4.19	
		For Work On Slopes >2.5:1, Add	*0.84*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.39	
		For Work On Slopes >2.5:1, Add	*0.28*	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	5.50	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	5.44	

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	12.12	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	8.08	

32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	9.35	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	79.98	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0041 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	3.76	
		For Unscreened, Deduct	*-0.43*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.18	
		For Unscreened, Deduct	*-0.86*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	10.31	
		For Unscreened, Deduct	*-1.29*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	14.80	
		For Unscreened, Deduct	*-1.94*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	19.27	
		For Unscreened, Deduct	*-2.59*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	52.45	
		For Unscreened, Deduct	*-7.76*	

32 91 19 13-0017 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	73.85	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	51.69	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	30.25	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 92 Turf and Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*
Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	268.90	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	35.11	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	25.59	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	206.34	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	27.59	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	19.20	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	174.07	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	18.76	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	12.31	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*
Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*
Note: Excludes straw.

32 92 19 13-0002	MSF	Standard Lawn, Tractor Spreader Note: 5.5 Lbs./MSF spread rate. Seed shall be all Tall Fescue: 33% Cochise#4, 33% Bulls Eye, and 33% Rambler or equal new varieties.	66.16	
32 92 19 13-0003	MSF	No Mow Lawn, Tractor Spreader Note: 4.6 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. LMLMO2, Freedom Lawn II Seed Mix: 25% Annual Ryegrass, 23% Creeping Red Fescue, 23%VNS Hard Fescue, 5% Kentucky Bluegrass.	54.89	
32 92 19 13-0004	MSF	Native Prairie, Tractor Spreader Note: 0.551 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. MSG01, Mesic Short Grass Seed Mix: 25% Nodding Wild Rye, 25% Little Bluestem, 25% Side-oats Grama, 25% Prairie Dropseed.	59.85	
32 92 19 13-0005	MSF	Common Bluegrass, Tractor Spreader Note: 4 Lbs./MSF spread rate.	51.41	
32 92 19 13-0006	MSF	Tall Fescue, Tractor Spreader Note: 5.5 Lbs./MSF spread rate.	40.88	
32 92 19 13-0007	MSF	Rye, Tractor Spreader Note: 10 Lbs./MSF spread rate.	41.62	
32 92 19 13-0008	MSF	Shade Mix, Tractor Spreader Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	45.42	
32 92 19 13-0009	MSF	Turf Mix, Tractor Spreader Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	48.14	
32 92 19 13-0010	MSF	Slope Mix, Tractor Spreader Note: 6 Lbs./MSF spread rate.	44.51	
32 92 19 13-0011	MSF	Utility Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	39.98	
32 92 19 13-0012	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 Lbs./MSF spread rate.	31.44	
32 92 19 13-0013	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 Lbs./MSF spread rate.	98.96	
32 92 19 13-0014	MSF	Athletic Mix, Tractor Spreader Note: 8 Lbs./MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	59.03	
32 92 19 13-0015	MSF	White Clover Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate.	31.35	
32 92 19 13-0016	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 Lbs./MSF spread rate.	34.98	
32 92 19 13-0017	MSF	Bermuda, Tractor Spreader Note: 10 Lbs./MSF spread rate.	49.53	

32 92 19 13-0018 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0019	MSF	Standard Lawn, Hydro Or Air Seeding Note: 5.5 Lbs./MSF spread rate. Seed shall be all Tall Fescue: 33% Cochise#4, 33% Bulls Eye, and 33% Rambler or equal new varieties.	100.83	
		For Spot Areas Up To 1, Add	*107.47*	
		For >1 To 4, Add	*68.99*	
		For >4 To 7.5, Add	*46.70*	
		For >7.5 To 10, Add	*23.35*	
		For >45, Deduct	*-8.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0020	MSF	No Mow Lawn, Hydro Or Air Seeding	89.56	
		Note: 4.6 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. LMLMO2, Freedom Lawn II Seed Mix: 25% Annual Ryegrass, 23% Creeping Red Fescue, 23%VNS Hard Fescue, 5%.		
		For Spot Areas Up To 1, Add	*102.96*	
		For >1 To 4, Add	*66.74*	
		For >4 To 7.5, Add	*45.57*	
		For >7.5 To 10, Add	*22.79*	
		For >45, Deduct	*-7.53*	
32 92 19 13-0021	MSF	Native Prarie, Hydro Or Air Seeding	94.52	
		Note: 0.551 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. MSG01, Mesic Short Grass Seed Mix: 25% Nodding Wild Rye, 25% Little Bluestem, 25% Side-oats Grama, 25% Prairie.		
		For Spot Areas Up To 1, Add	*104.94*	
		For >1 To 4, Add	*67.73*	
		For >4 To 7.5, Add	*46.07*	
		For >7.5 To 10, Add	*23.04*	
		For >45, Deduct	*-7.78*	
32 92 19 13-0022	MSF	Common Bluegrass, Hydro Or Air Seeding	102.77	
		Note: 4 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*108.24*	
		For >1 To 4, Add	*69.38*	
		For >4 To 7.5, Add	*46.90*	
		For >7.5 To 10, Add	*23.45*	
		For >45, Deduct	*-8.19*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0023	MSF	Tall Fescue, Hydro Or Air Seeding	109.12	
		Note: 5.5 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*110.78*	
		For >1 To 4, Add	*70.65*	
		For >4 To 7.5, Add	*47.53*	
		For >7.5 To 10, Add	*23.77*	
		For >45, Deduct	*-8.51*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0024	MSF	Rye, Hydro Or Air Spread	103.04	
		Note: 10 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*108.35*	
		For >1 To 4, Add	*69.43*	
		For >4 To 7.5, Add	*46.92*	
		For >7.5 To 10, Add	*23.46*	
		For >45, Deduct	*-8.20*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0025	MSF	Shade Mix, Hydro Or Air Seeding	102.77	
		Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For Spot Areas Up To 1, Add	*108.24*	
		For >1 To 4, Add	*69.38*	
		For >4 To 7.5, Add	*46.90*	
		For >7.5 To 10, Add	*23.45*	
		For >45, Deduct	*-8.19*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0026	MSF	Turf Mix, Hydro Or Air Seeding	109.12	
		Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For Spot Areas Up To 1, Add	*110.78*	
		For >1 To 4, Add	*70.65*	
		For >4 To 7.5, Add	*47.53*	
		For >7.5 To 10, Add	*23.77*	
		For >45, Deduct	*-8.51*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0027	MSF	Slope Mix, Hydro Or Air Seeding	106.40	
		Note: 6 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*109.69*	
		For >1 To 4, Add	*70.10*	
		For >4 To 7.5, Add	*47.26*	
		For >7.5 To 10, Add	*23.63*	
		For >45, Deduct	*-8.37*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0028	MSF	Utility Mix, Hydro Or Air Seeding	104.21	
		Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*108.82*	
		For >1 To 4, Add	*69.67*	
		For >4 To 7.5, Add	*47.04*	
		For >7.5 To 10, Add	*23.52*	
		For >45, Deduct	*-8.26*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0029	MSF	Wild Flower Mix, Hydro Or Air Seeding	97.14	
		Note: 0.10 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*105.99*	
		For >1 To 4, Add	*68.25*	
		For >4 To 7.5, Add	*46.33*	
		For >7.5 To 10, Add	*23.17*	
		For >45, Deduct	*-7.91*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0030	MSF	Crown Vetch Mix, Hydro Or Air Seeding	160.85	
		Note: 4 Lbs./MSF spread rate.		
		For Spot Areas Up To 1, Add	*131.47*	
		For >1 To 4, Add	*80.99*	
		For >4 To 7.5, Add	*52.70*	
		For >7.5 To 10, Add	*26.35*	
		For >45, Deduct	*-11.09*	
		For Tackifier, Add	*4.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0031	MSF	Athletic Mix, Hydro Or Air Seeding Note: 8 Lbs./MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	140.90	
		For Spot Areas Up To 1, Add	*123.49*	
		For >1 To 4, Add	*77.00*	
		For >4 To 7.5, Add	*50.71*	
		For >7.5 To 10, Add	*25.35*	
		For >45, Deduct	*-10.10*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0032	MSF	White Clover Mix, Hydro Or Air Seeding Note: 7 Lbs./MSF spread rate.	88.53	
		For Spot Areas Up To 1, Add	*102.55*	
		For >1 To 4, Add	*66.53*	
		For >4 To 7.5, Add	*45.47*	
		For >7.5 To 10, Add	*22.74*	
		For >45, Deduct	*-7.48*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0033	MSF	Ladino Clover Mix, Hydro Or Air Seeding Note: 7 Lbs./MSF spread rate.	99.14	
		For Spot Areas Up To 1, Add	*106.79*	
		For >1 To 4, Add	*68.65*	
		For >4 To 7.5, Add	*46.53*	
		For >7.5 To 10, Add	*23.27*	
		For >45, Deduct	*-8.01*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0034	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread Note: 4 Lbs./MSF spread rate.	104.59	
		For Spot Areas Up To 1, Add	*108.97*	
		For >1 To 4, Add	*69.74*	
		For >4 To 7.5, Add	*47.08*	
		For >7.5 To 10, Add	*23.54*	
		For >45, Deduct	*-8.28*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0035	MSF	2,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	131.82	
		For >45, Deduct	*-8.12*	
32 92 19 13-0036	MSF	3,000 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	153.62	
		For >45, Deduct	*-9.28*	
32 92 19 13-0037	MSF	3,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	175.50	
		For >45, Deduct	*-10.46*	
32 92 19 13-0038	MSF	4,000 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	197.42	
		For >45, Deduct	*-11.64*	
32 92 19 13-0039	MSF	4,500 Lb./Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	219.46	
		For >45, Deduct	*-12.83*	
32 92 19 13-0040	MSF	Custom Mix (Landfill Closure), Hydro Or Air Seeding Note: Mixture of varieties: 0.184 Lbs/MSF (8 Lbs/Acre) Vulpia Microstachys, 0.138 Lbs/MSF (6 Lbs/Acre) Poa Secunda, 0.23 Lbs/MSF (10 Lbs/Acre) Hordeum Californicum Prostrate, 0.138 Lbs/MSF (6 Lbs/Acre) Nassella Pulchra, 0.184 Lbs/MSF (8 Lbs/Acre) Elymus Glaucus Anderson, 0.023 Lbs/MSF (1 Lbs/Acre) Artemisia Californica, 0.046 Lbs/MSF (2 Lbs/Acre) Atriplex Semibaccata, and 0.023 Lbs/MSF (1 Lbs/Acre) Atriplex Polycarpa.	126.21	
		For Spot Areas Up To 1, Add	*117.62*	
		For >1 To 4, Add	*74.07*	
		For >4 To 7.5, Add	*49.24*	
		For >7.5 To 10, Add	*24.62*	
		For >45, Deduct	*-9.36*	
32 92 19 13-0041	ACR	Custom Mix (Landfill Closure), Hydro Or Air Seeding Note: Mixture of varieties: 8 Lbs/Acre Vulpia Microstachys, 6 Lbs/Acre Poa Secunda, 10 Lbs/Acre Hordeum Californicum Prostrate, 6 Lbs/Acre Nassella Pulchra, 8 Lbs/Acre Elymus Glaucus Anderson, 1 Lbs/Acre Artemisia Californica, 2 Lbs/Acre Atriplex Semibaccata, and 1 Lbs/Acre Atriplex Polycarpa.	5,226.89	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	Standard Lawn, Push Spreader Or Hand Note: 5.5 Lbs./MSF spread rate. Seed shall be all Tall Fescue: 33% Cochise#4, 33% Bulls Eye, and 33% Rambler or equal new varieties.	144.56	
		For >5 To 20, Deduct	*-9.85*	
		For >20 To 45, Deduct	*-18.70*	
		For >45, Deduct	*-30.17*	
32 92 19 19-0003	MSF	No Mow Lawn, Push Spreader Or Hand Note: 4.6 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. LMLMO2, Freedom Lawn II Seed Mix: 25% Annual Ryegrass, 23% Creeping Red Fescue, 23%VNS Hard Fescue, 5% Kentucky Bluegrass.	133.29	
		For >5 To 20, Deduct	*-9.28*	
		For >20 To 45, Deduct	*-17.85*	
		For >45, Deduct	*-29.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0004	MSF	Native Prairie, Push Spreader Or Hand	138.25	
		Note: 0.551 Lbs./MSF spread rate. Seed shall be Ohio Prairie Nursery No. MSG01, Mesic Short Grass Seed Mix: 25% Nodding Wild Rye, 25% Little Bluestem, 25% Side-oats Grama, 25% Prairie Dropseed.		
		For >5 To 20, Deduct	*-9.53*	
		For >20 To 45, Deduct	*-18.23*	
		For >45, Deduct	*-29.54*	
32 92 19 19-0005	MSF	Common Bluegrass, Push Spreader Or Hand	129.81	
		Note: 4 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.11*	
		For >20 To 45, Deduct	*-17.59*	
		For >45, Deduct	*-28.70*	
32 92 19 19-0006	MSF	Tall Fescue, Push Spreader Or Hand	119.28	
		Note: 5.5 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.58*	
		For >20 To 45, Deduct	*-16.80*	
		For >45, Deduct	*-27.64*	
32 92 19 19-0007	MSF	Rye, Push Spreader Or Hand	120.02	
		Note: 10 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.62*	
		For >20 To 45, Deduct	*-16.86*	
		For >45, Deduct	*-27.72*	
32 92 19 19-0008	MSF	Shade Mix, Push Spreader Or Hand	123.82	
		Note: 6 Lbs./MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For >5 To 20, Deduct	*-8.81*	
		For >20 To 45, Deduct	*-17.14*	
		For >45, Deduct	*-28.10*	
32 92 19 19-0009	MSF	Turf Mix, Push Spreader Or Hand	126.54	
		Note: 4 Lbs./MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For >5 To 20, Deduct	*-8.95*	
		For >20 To 45, Deduct	*-17.35*	
		For >45, Deduct	*-28.37*	
32 92 19 19-0010	MSF	Slope Mix, Push Spreader Or Hand	122.91	
		Note: 6 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.76*	
		For >20 To 45, Deduct	*-17.08*	
		For >45, Deduct	*-28.01*	
32 92 19 19-0011	MSF	Utility Mix, Push Spreader Or Hand	118.38	
		Note: 7 Lbs./MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For >5 To 20, Deduct	*-8.54*	
		For >20 To 45, Deduct	*-16.74*	
		For >45, Deduct	*-27.55*	
32 92 19 19-0012	MSF	Wild Flower Mix, Push Spreader Or Hand	109.84	
		Note: 0.10 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.11*	
		For >20 To 45, Deduct	*-16.10*	
		For >45, Deduct	*-26.70*	
32 92 19 19-0013	MSF	Crown Vetch Mix, Push Spreader Or Hand	177.36	
		Note: 4 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-11.49*	
		For >20 To 45, Deduct	*-21.16*	
		For >45, Deduct	*-33.45*	
32 92 19 19-0014	MSF	Athletic Mix, Push Spreader Or Hand	137.43	
		Note: 8 Lbs./MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For >5 To 20, Deduct	*-9.49*	
		For >20 To 45, Deduct	*-18.16*	
		For >45, Deduct	*-29.46*	
32 92 19 19-0015	MSF	White Clover Mix, Push Spreader Or Hand	109.75	
		Note: 7 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.11*	
		For >20 To 45, Deduct	*-16.09*	
		For >45, Deduct	*-26.69*	
32 92 19 19-0016	MSF	Ladino Clover Mix, Push Spreader Or Hand	113.38	
		Note: 7 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.29*	
		For >20 To 45, Deduct	*-16.36*	
		For >45, Deduct	*-27.05*	
32 92 19 19-0017	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand	131.53	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.20*	
		For >20 To 45, Deduct	*-17.72*	
		For >45, Deduct	*-28.87*	
32 92 19 19-0018	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	126.54	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.95*	
		For >20 To 45, Deduct	*-17.35*	
		For >45, Deduct	*-28.37*	
32 92 19 19-0019	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	122.91	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.76*	
		For >20 To 45, Deduct	*-17.08*	
		For >45, Deduct	*-28.01*	
32 92 19 19-0020	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand	130.17	
		Note: 4.4 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.13*	
		For >20 To 45, Deduct	*-17.62*	
		For >45, Deduct	*-28.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0021	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	124.72	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.86*	
		For >20 To 45, Deduct	*-17.21*	
		For >45, Deduct	*-28.19*	
32 92 19 19-0022	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	126.54	
		Note: 3.3 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-8.95*	
		For >20 To 45, Deduct	*-17.35*	
		For >45, Deduct	*-28.37*	
32 92 19 19-0023	MSF	Bermuda, Push Spreader Or Hand	127.93	
		Note: 10 Lbs./MSF spread rate.		
		For >5 To 20, Deduct	*-9.02*	
		For >20 To 45, Deduct	*-17.45*	
		For >45, Deduct	*-28.51*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,755.29
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,485.38
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	1,264.57
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	1,109.66
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,167.91
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,834.95
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,505.74
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,314.75

32 92 23 00-0010 Zoysia Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	2,522.92
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	2,059.26
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	1,742.80
32 92 23 00-0014	MSF	>8,000 SF, Zoysia Sod, Installed On Level Ground	1,492.25
32 92 23 00-0015	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,933.09
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,408.83
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,983.97
32 92 23 00-0018	MSF	>8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,697.34

32 92 23 00-0019 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,487.50
		For Hybrid Fescue "Marathon", Add	*162.64*
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	2,032.69
		For Hybrid Fescue "Marathon", Add	*122.53*
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,720.66
		For Hybrid Fescue "Marathon", Add	*102.48*
32 92 23 00-0023	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,474.54
		For Hybrid Fescue "Marathon", Add	*82.43*
32 92 23 00-0024	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,897.67
		For Hybrid Fescue "Marathon", Add	*162.64*
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,382.26
		For Hybrid Fescue "Marathon", Add	*122.53*
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,961.83
		For Hybrid Fescue "Marathon", Add	*102.48*
32 92 23 00-0027	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,679.63
		For Hybrid Fescue "Marathon", Add	*82.43*

32 92 23 00-0028 Centipede Sod *(32 92 23)*

32 92 23 00-0029	MSF	Up To 1,000 SF, Centipede Sod, Installed On Level Ground	2,227.13
32 92 23 00-0030	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground	1,837.42
32 92 23 00-0031	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground	1,557.93
32 92 23 00-0032	MSF	>8,000 SF, Centipede Sod, Installed On Level Ground	1,344.36
32 92 23 00-0033	MSF	Up To 1,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,637.30
32 92 23 00-0034	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,186.99
32 92 23 00-0035	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,799.10
32 92 23 00-0036	MSF	>8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,549.45

32 92 23 00-0037 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0038	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	2,122.82
32 92 23 00-0039	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,759.19
32 92 23 00-0040	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,492.74
32 92 23 00-0041	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,292.20
32 92 23 00-0042	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,532.99
32 92 23 00-0043	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,108.76
32 92 23 00-0044	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,733.91
32 92 23 00-0045	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,497.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0046		Ballfield Mix 2A Sod 10% Bermuda Shorts, 10% Barclay, 80% Turfstar *(32 92 23)*		
32 92 23 00-0047	MSF	Up To 1,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,966.36	
32 92 23 00-0048	MSF	>1,000 To 4,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,641.84	
32 92 23 00-0049	MSF	>4,000 To 8,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,394.95	
32 92 23 00-0050	MSF	>8,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,213.97	
32 92 23 00-0051	MSF	Up To 1,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	2,376.53	
32 92 23 00-0052	MSF	>1,000 To 4,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,991.41	
32 92 23 00-0053	MSF	>4,000 To 8,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,636.12	
32 92 23 00-0054	MSF	>8,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,419.06	
32 92 23 00-0055		GN-1 Sod *(32 92 23)*		
32 92 23 00-0056	MSF	Up To 1,000 SF, GN-1 Sod, Installed On Level Ground	2,507.96	
32 92 23 00-0057	MSF	>1,000 To 4,000 SF, GN-1 Sod, Installed On Level Ground	2,048.04	
32 92 23 00-0058	MSF	>4,000 To 8,000 SF, GN-1 Sod, Installed On Level Ground	1,733.45	
32 92 23 00-0059	MSF	>8,000 SF, GN-1 Sod, Installed On Level Ground	1,484.77	
32 92 23 00-0060	MSF	Up To 1,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	2,918.13	
32 92 23 00-0061	MSF	>1,000 To 4,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	2,397.61	
32 92 23 00-0062	MSF	>4,000 To 8,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	1,974.62	
32 92 23 00-0063	MSF	>8,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	1,689.86	
32 92 23 00-0064		Tifgreen Bermuda Sod *(32 92 23)*		
32 92 23 00-0065	MSF	Up To 1,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	2,626.31	
32 92 23 00-0066	MSF	>1,000 To 4,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	2,136.80	
32 92 23 00-0067	MSF	>4,000 To 8,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	1,807.42	
32 92 23 00-0068	MSF	>8,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	1,543.95	
32 92 23 00-0069	MSF	Up To 1,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	3,036.48	
32 92 23 00-0070	MSF	>1,000 To 4,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,486.37	
32 92 23 00-0071	MSF	>4,000 To 8,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,048.59	
32 92 23 00-0072	MSF	>8,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,749.04	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of ground cover.

32 93 13 00-0001		Ornamental Grasses *(32 93 13)*		
32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	36.60	
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	67.65	
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	122.95	
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	223.77	
32 93 13 00-0006	EA	1 Gallon, Distichlis spicata - Saltgrass	11.56	
32 93 13 00-0007	EA	5 Gallon, Distichlis spicata - Saltgrass	30.25	
32 93 13 00-0008	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	28.01	
32 93 13 00-0009	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	37.25	
32 93 13 00-0010	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	39.87	
32 93 13 00-0011	EA	1 Quart, Koeleria glauca - Blue Hair Grass	27.94	
32 93 13 00-0012	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	37.25	
32 93 13 00-0013	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	90.12	
32 93 13 00-0014	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	35.36	
32 93 13 00-0015	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	45.83	
32 93 13 00-0016	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	87.62	
32 93 13 00-0017	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	32.82	
32 93 13 00-0018	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	51.60	
32 93 13 00-0019	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	88.31	
32 93 13 00-0020	EA	1 Gallon, Monathochloe littoralis - Shore Grass	14.46	
32 93 13 00-0021	EA	1 Quart, Pennisetum setaceum - Fountain Grass	30.55	
32 93 13 00-0022	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	31.59	
32 93 13 00-0023	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	69.69	
32 93 13 00-0024	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	96.74	
32 93 13 00-0025	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	108.67	
32 93 13 00-0026	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	179.28	
32 93 13 00-0027	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	52.53	
32 93 13 00-0028	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	78.62	
32 93 13 00-0029	EA	1 Quart, Stipa gigantea - Giant Feather Grass	40.10	
32 93 13 00-0030	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	55.87	
32 93 13 00-0031	EA	1 Gallon, Triglochin maritima - Arrow Grass	8.68	
32 93 13 00-0032		Ground Covers *(32 93 13)*		
32 93 13 00-0033	EA	1 Gallon Agave Attenuata - Century Plant	12.72	
32 93 13 00-0034	EA	5 Gallon Agave Attenuata - Century Plant	34.30	
32 93 13 00-0035	EA	15 Gallon Agave Attenuata - Century Plant	113.42	
32 93 13 00-0036	EA	1 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	10.85	
32 93 13 00-0037	EA	5 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	30.21	
32 93 13 00-0038	EA	1 Gallon Ceanothus 'Yankee Point' - Wild Lilac	10.85	
32 93 13 00-0039	EA	5 Gallon Ceanothus 'Yankee Point' - Wild Lilac	28.22	
32 93 13 00-0040	EA	1 Gallon Dietes Vegata - Fortnight Lily	9.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0041	EA	5 Gallon Dietes Vegata - Fortnight Lily	23.46	
32 93 13 00-0042	EA	1 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	17.68	
32 93 13 00-0043	EA	5 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	46.45	
32 93 13 00-0044	EA	4" Pot Miscanthus 'Morning Light' - NCN	13.26	
32 93 13 00-0045	EA	20 Count Flat Miscanthus 'Morning Light' - NCN	195.54	
32 93 13 00-0046	EA	1 Gallon Nassella Tenuissima - Mexican Feather Grass	17.68	
32 93 13 00-0047	EA	1 Gallon Trachelospermum Jasminoides - Star Jasmine	9.61	
32 93 13 00-0048	EA	5 Gallon Trachelospermum Jasminoides - Star Jasmine	24.09	
32 93 13 00-0049	EA	1 Gallon Westringia Fruticosa - Coast Rosemary	9.52	
32 93 13 00-0050	EA	5 Gallon Westringia Fruticosa - Coast Rosemary	23.46	
32 93 13 00-0051	EA	15 Gallon Westringia Fruticosa - Coast Rosemary	96.27	
32 93 13 00-0052	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush	13.30	
32 93 13 00-0053	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	23.05	
32 93 13 00-0054	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	46.99	
32 93 13 00-0055	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	61.18	
32 93 13 00-0056	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	77.44	
32 93 13 00-0057	EA	1 Quart Waldsteinia ternata - Barren Strawberry	13.30	
32 93 13 00-0058	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	31.92	
32 93 13 00-0059	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	43.44	
32 93 13 00-0060	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	82.45	
32 93 13 00-0061	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	145.41	
32 93 13 00-0062	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	14.88	
32 93 13 00-0063	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	27.49	
32 93 13 00-0064	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	96.64	
32 93 13 00-0065	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	36.08	
32 93 13 00-0066	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	17.73	
32 93 13 00-0067	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	40.43	
32 93 13 00-0068	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	110.65	
32 93 13 00-0069	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	46.50	
32 93 13 00-0070	EA	1 Quart Iberis sempervirens - Candytuft	13.30	
32 93 13 00-0071	EA	1 Gallon Iberis sempervirens - Candytuft	31.92	
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	38.30	
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	138.31	
32 93 13 00-0074	EA	3" Pot Ajuga reptans - Carpet Bugle	7.98	
32 93 13 00-0075	EA	1 Quart Ajuga reptans - Carpet Bugle	13.30	
32 93 13 00-0076	EA	1 Gallon Ajuga reptans - Carpet Bugle	31.92	
32 93 13 00-0077	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	137.42	
32 93 13 00-0078	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	31.92	
32 93 13 00-0079	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	138.31	
32 93 13 00-0080	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	41.67	
32 93 13 00-0081	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	92.21	
32 93 13 00-0082	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	138.31	
32 93 13 00-0083	EA	1 Gallon Ranunculaceae - Clematis Varieties	45.81	
32 93 13 00-0084	EA	2 Gallon Ranunculaceae - Clematis Varieties	84.73	
32 93 13 00-0085	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	57.63	
32 93 13 00-0086	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	108.17	
32 93 13 00-0087	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	177.32	
32 93 13 00-0088	EA	4" Pot Lantana camera - Common Lantana	7.98	
32 93 13 00-0089	EA	1 Gallon Lantana camera - Common Lantana	23.05	
32 93 13 00-0090	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	27.49	
32 93 13 00-0091	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	90.43	
32 93 13 00-0092	EA	2 Quart Lysimachia nummularia - Creeping Jenny	13.30	
32 93 13 00-0093	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	25.71	
32 93 13 00-0094	EA	2 Quart Liriope spicata - Creeping Lilytuft	23.05	
32 93 13 00-0095	EA	1 Gallon Liriope spicata - Creeping Lilytuft	41.67	
32 93 13 00-0096	EA	5 Gallon Liriope spicata - Creeping Lilytuft	87.78	
32 93 13 00-0097	EA	Bare Root Liriope spicata - Creeping Liriope	5.81	
32 93 13 00-0098	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	7.98	
32 93 13 00-0099	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	31.92	
32 93 13 00-0100	EA	2-1/4" Pot Securigera varia - Crown Vetch	5.32	
32 93 13 00-0101	EA	50 Plant Flat Securigera varia - Crown Vetch	179.98	
32 93 13 00-0102	EA	1 Quart Senecio cineraria - Dusty Miller	13.30	
32 93 13 00-0103	EA	1 Gallon Senecio cineraria - Dusty Miller	31.92	
32 93 13 00-0104	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	110.83	
32 93 13 00-0105	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	203.03	
32 93 13 00-0106	EA	1 Gallon Ilex cornuta - Dwarf Holly	24.08	
32 93 13 00-0107	EA	3 Gallon Ilex cornuta - Dwarf Holly	51.60	
32 93 13 00-0108	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	51.60	
32 93 13 00-0109	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	17.20	
32 93 13 00-0110	EA	2" To 3" Pot Hedera helix - English Ivy	7.98	
32 93 13 00-0111	EA	12" To 15" Runners Hedera helix - English Ivy	13.30	
32 93 13 00-0112	EA	1 Gallon Hedera helix - English Ivy	31.92	
32 93 13 00-0113	EA	50 Plant Flat Hedera helix - English Ivy	184.42	
32 93 13 00-0114	EA	4" Pot Lavandula angustifolia - English Lavender	11.53	
32 93 13 00-0115	EA	1 Quart Lavandula angustifolia - English Lavender	22.17	
32 93 13 00-0116	EA	1 Gallon Lavandula angustifolia - English Lavender	36.35	
32 93 13 00-0117	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	34.58	
32 93 13 00-0118	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	69.16	
32 93 13 00-0119	EA	1 Quart Arundo donax - Giant Reed	42.56	
32 93 13 00-0120	EA	1 Gallon Arundo donax - Giant Reed	61.18	
32 93 13 00-0121	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	36.35	
32 93 13 00-0122	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	69.16	
32 93 13 00-0123	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	46.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0124	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	70.93	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	7.98	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	36.35	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	69.16	
32 93 13 00-0128	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	31.92	
32 93 13 00-0129	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	106.39	
32 93 13 00-0130	EA	3 Gallon Hibiscus, Assorted Colors	41.57	
32 93 13 00-0131	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	33.25	
32 93 13 00-0132	EA	1 Gallon Jasminum volubile - Wax Jasmine	16.75	
32 93 13 00-0133	EA	1 Gallon Jasminum volubile - Wax Jasmine	41.57	
32 93 13 00-0134	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	20.89	
32 93 13 00-0135	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	46.50	
32 93 13 00-0136	EA	1 Gallon Cissus antarctica - Kangaroo Vine	25.71	
32 93 13 00-0137	EA	5 Gallon Cissus antarctica - Kangaroo Vine	80.68	
32 93 13 00-0138	EA	1 Quart Stachys byzantina - Lamb's Ear	13.30	
32 93 13 00-0139	EA	1 Quart Stachys byzantina - Lamb's Ear	31.92	
32 93 13 00-0140	EA	1 Gallon Lantana spp. Various Colors	18.82	
32 93 13 00-0141	EA	1 Gallon Lantana sellowiana - Trailing Lantana	12.38	
32 93 13 00-0142	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	25.71	
32 93 13 00-0143	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	92.21	
32 93 13 00-0144	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	18.82	
32 93 13 00-0145	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	23.74	
32 93 13 00-0146	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	37.96	
32 93 13 00-0147	EA	1 Quart Moss Phlox, Creeping Phlox	13.30	
32 93 13 00-0148	EA	1 Gallon Moss Phlox, Creeping Phlox	31.92	
32 93 13 00-0149	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	16.75	
32 93 13 00-0150	EA	4" Pot Ophiopogon Japonicus - Mondo grass	7.98	
32 93 13 00-0151	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	31.92	
32 93 13 00-0152	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	73.59	
32 93 13 00-0153	EA	2' To 3' High Oregon Holly-Grape	36.85	
32 93 13 00-0154	EA	1 Gallon Pachysandra terminalis - Pachysandra	48.00	
32 93 13 00-0155	EA	2-1/4" Pot Vinca minor - Periwinkle	4.43	
32 93 13 00-0156	EA	4" Pot Vinca minor - Periwinkle	13.30	
32 93 13 00-0157	EA	Bare Root Vinca minor - Periwinkle	4.43	
32 93 13 00-0158	EA	1 Quart Nepeta mussinii - Persian Catmint	13.30	
32 93 13 00-0159	EA	1 Gallon Nepeta mussinii - Persian Catmint	27.49	
32 93 13 00-0160	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	22.17	
32 93 13 00-0161	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	80.68	
32 93 13 00-0162	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	36.35	
32 93 13 00-0163	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	78.02	
32 93 13 00-0164	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	115.26	
32 93 13 00-0165	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	31.66	
32 93 13 00-0166	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	82.03	
32 93 13 00-0167	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	137.43	
32 93 13 00-0168	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	16.75	
32 93 13 00-0169	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	18.62	
32 93 13 00-0170	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	33.25	
32 93 13 00-0171	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	51.87	
32 93 13 00-0172	EA	1 Gallon Hymenocallis latifolia - Spider Lily	20.64	
32 93 13 00-0173	EA	3 Gallon Hymenocallis latifolia - Spider Lily	55.04	
32 93 13 00-0174	EA	1 Quart Hypericum perforatum - St. John's Wort	13.30	
32 93 13 00-0175	EA	1 Gallon Hypericum perforatum - St. John's Wort	31.92	
32 93 13 00-0176	EA	5 Gallon Hypericum perforatum - St. John's Wort	82.45	
32 93 13 00-0177	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	112.21	
32 93 13 00-0178	EA	1 Gallon Campsis radicans - Trumpet Creeper	48.76	
32 93 13 00-0179	EA	2 Gallon Campsis radicans - Trumpet Creeper	73.59	
32 93 13 00-0180	EA	5 Gallon Campsis radicans - Trumpet Creeper	177.32	
32 93 13 00-0181	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0182	EA	4" Pot Vinca major - Variegated Greater Periwinkle	13.30	
32 93 13 00-0183	EA	Bare Root Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0184	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	23.94	
32 93 13 00-0185	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	33.25	
32 93 13 00-0186	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	51.87	
32 93 13 00-0187	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	36.35	
32 93 13 00-0188	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	16.85	
32 93 13 00-0189	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	25.71	
32 93 13 00-0190	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	158.03	
32 93 13 00-0191	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	7.98	
32 93 13 00-0192	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	41.67	
32 93 13 00-0193	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	31.92	
32 93 13 00-0194	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	63.84	
32 93 13 00-0195	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	110.83	
32 93 13 00-0196	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	25.71	
32 93 13 00-0197	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	87.78	
32 93 13 00-0198	EA	1 Gallon Acmispon galaber - Common Deerweed	15.01	
32 93 13 00-0199	EA	1 Gallon Acacia redolens - Bank Catclaw	6.22	
32 93 13 00-0200	EA	5 Gallon Acacia redolens - Bank Catclaw	19.30	
32 93 13 00-0201	EA	15 Gallon Acacia redolens - Bank Catclaw	75.04	
32 93 13 00-0202	EA	1 Gallon Achillea filipendulina - Fernleaf Yarrow	9.22	
32 93 13 00-0203	EA	1 Gallon Achillea millefolium - Common Yarrow	8.36	
32 93 13 00-0204	EA	5 Gallon Achillea millefolium - Common Yarrow	25.73	
32 93 13 00-0205	EA	1 Gallon Achillea millefolium 'Paprika' - Red Yarrow	9.22	
32 93 13 00-0206	EA	1 Gallon Achillea 'Moonshine' - Yellow yarrow	9.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0207	EA	1 Gallon Agave americana - Century Plant	12.65	
32 93 13 00-0208	EA	5 Gallon Agave americana - Century Plant	34.30	
32 93 13 00-0209	EA	15 Gallon Agave americana - Century Plant	105.06	
32 93 13 00-0210	EA	24" Box Agave americana - Century Plant	375.20	
32 93 13 00-0211	EA	1 Gallon Agave vilmoriniana - Octopus Agave	12.65	
32 93 13 00-0212	EA	5 Gallon Agave vilmoriniana - Octopus Agave	34.30	
32 93 13 00-0213	EA	15 Gallon Agave vilmoriniana - Octopus Agave	105.06	
32 93 13 00-0214	EA	24" Box Agave vilmoriniana - Octopus Agave	375.20	
32 93 13 00-0215	EA	5 Gallon Nolina parryi - Giant Nolina	34.30	

32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	25.71	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	36.35	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	60.29	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	13.30	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	33.25	
32 93 23 00-0007	EA	1 Quart Balloon Flower	13.30	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	33.25	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	13.30	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	33.25	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	43.00	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	13.30	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	33.25	
32 93 23 00-0014	EA	1 Quart Blank Flower	13.30	
32 93 23 00-0015	EA	1 Gallon Blank Flower	30.59	
32 93 23 00-0016	EA	2 Gallon Blank Flower	43.00	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	13.30	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	33.25	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	22.61	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	38.13	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	13.30	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	33.25	
32 93 23 00-0023	EA	1 Quart Blue Star	23.94	
32 93 23 00-0024	EA	1 Gallon Blue Star	38.13	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	13.30	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	33.25	
32 93 23 00-0027	EA	4" Pot Columbine	7.98	
32 93 23 00-0028	EA	1 Quart Columbine	13.30	
32 93 23 00-0029	EA	1 Gallon Columbine	33.25	
32 93 23 00-0030	EA	1 Quart Common Globeflower	13.30	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	33.25	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	13.30	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	33.25	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	47.88	
32 93 23 00-0035	EA	1 Quart Diploid	16.85	
32 93 23 00-0036	EA	1 Gallon Diploid	38.13	
32 93 23 00-0037	EA	3 Gallon Diploid	65.61	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	18.98	
32 93 23 00-0039	EA	1 Quart Evans Begonia	23.94	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	43.00	
32 93 23 00-0041	EA	1 Quart False Dragonhead	13.30	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	33.25	
32 93 23 00-0043	EA	1 Quart False Spirea	13.30	
32 93 23 00-0044	EA	1 Gallon False Spirea	43.00	
32 93 23 00-0045	EA	3 Gallon False Spirea	59.40	
32 93 23 00-0046	EA	2 Quart False Sunflower	21.28	
32 93 23 00-0047	EA	1 Gallon False Sunflower	33.25	
32 93 23 00-0048	EA	2 Gallon False Sunflower	43.00	
32 93 23 00-0049	EA	1 Gallon Foxglove	30.59	
32 93 23 00-0050	EA	2 Gallon Foxglove	43.00	
32 93 23 00-0051	EA	3 Gallon Foxglove	62.06	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	53.84	
32 93 23 00-0053	EA	1 Quart Garden Phlox	13.30	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	33.25	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	28.37	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	57.19	
32 93 23 00-0057	EA	1 Quart Golden Star	13.30	
32 93 23 00-0058	EA	1 Gallon Golden Star	33.25	
32 93 23 00-0059	EA	1 Quart Goldenrod	13.30	
32 93 23 00-0060	EA	1 Gallon Goldenrod	33.25	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	61.92	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	7.98	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	13.30	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	33.25	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	11.53	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	19.07	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	30.59	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	47.44	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	75.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	99.75	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	7.98	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	23.94	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	43.00	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	4.73	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	7.09	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	30.54	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	19.07	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	38.13	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	158.03	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	26.16	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	49.66	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	50.34	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	7.98	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	13.30	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	33.25	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	13.30	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	33.25	
32 93 23 00-0088	EA	2 Quart Plantain Lily	25.71	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	36.35	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	60.29	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	113.94	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	23.94	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	33.25	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	43.00	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	13.30	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	33.25	
32 93 23 00-0097	EA	1 Quart Rose Mallow	26.16	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	47.44	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	81.13	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	50.69	
32 93 23 00-0101	EA	1 Quart Siberian Iris	22.61	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	43.00	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	59.40	
32 93 23 00-0104	EA	1 Quart Speedwell	13.30	
32 93 23 00-0105	EA	1 Gallon Speedwell	33.25	
32 93 23 00-0106	EA	1 Quart Tetraploid	33.25	
32 93 23 00-0107	EA	1 Gallon Tetraploid	62.06	
32 93 23 00-0108	EA	3 Gallon Tetraploid	84.68	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	13.30	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	33.25	
32 93 23 00-0111	EA	1 Quart Torch Lily	13.30	
32 93 23 00-0112	EA	1 Quart Bluebeard	23.94	
32 93 23 00-0113	EA	1 Gallon Bluebeard	35.47	
32 93 23 00-0114	EA	2 Gallon Bluebeard	51.87	
32 93 23 00-0115	EA	1 Gallon Anemopsis californica - Yerba Mansa	13.01	
32 93 23 00-0116	EA	1 Gallon Artemisia palmeri - San Diego Sagewort	11.56	
32 93 23 00-0117	EA	1 Gallon Arthrocnemum subterminale - Parish's Pickleweed	14.46	
32 93 23 00-0118	EA	1 Gallon Cressa truxillensis - Alkali Weed	14.46	
32 93 23 00-0119	EA	1 Gallon Frankenia salina - Alkali Heath	11.56	
32 93 23 00-0120	EA	4" Pot Jaumea carnosa - Salt Marsh Daisy	5.79	
32 93 23 00-0121	EA	1 Gallon Jaumea carnosa - Salt Marsh Daisy	11.58	
32 93 23 00-0122	EA	1 Gallon Juncus acutus - Spiny Rush	11.56	
32 93 23 00-0123	EA	5 Gallon Juncus acutus - Spiny Rush	30.25	
32 93 23 00-0124	EA	1 Gallon Limonium californicum - Sea Lavender	11.56	
32 93 23 00-0125	EA	1 Gallon Salicornia virginica - Deer Weed	11.56	
32 93 23 00-0126	EA	1 Gallon Suaeda esteroa - Sea Blite	14.46	
32 93 23 00-0127	EA	1 Gallon Suaeda taxifolia - Wooly Sea Blite	11.56	
32 93 23 00-0128		Annuals *(32 93 23)*		
32 93 23 00-0129	EA	2-1/2" Pot Annual Flowers	6.17	
32 93 23 00-0130	EA	3" Pot Annual Flowers	8.35	
32 93 23 00-0131	EA	4" Pot Annual Flowers	17.84	
32 93 23 00-0132	EA	5-1/2" Pot Annual Flowers	23.73	
32 93 23 00-0133	EA	6" Pot Annual Flowers	46.98	
32 93 23 00-0134	EA	8" Pot Annual Flowers	78.30	
32 93 23 00-0135	EA	36 Plant Flat Annual Flowers	102.50	
32 93 23 00-0136	EA	48 Plant Flat Annual Flowers	116.27	
32 93 23 00-0137		Bulbs *(32 93 23)*		
32 93 23 00-0138	EA	Top Size Allium giganteum - Giant Ornamental Onion	21.46	
32 93 23 00-0139	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	1.24	
32 93 23 00-0140	EA	Top Size Crocus Hybrid	1.40	
32 93 23 00-0141	EA	Top Size Eranthis hyemalis - Winter Aconite	1.82	
32 93 23 00-0142	EA	Top Size Galanthus nivalis - Snowdrops	2.31	
32 93 23 00-0143	EA	Top Size Iris reticulata cvs - Dutch Iris	0.91	
32 93 23 00-0144	EA	Top Size Muscari armeniacum - Grape Hyacinth	1.07	
32 93 23 00-0145	EA	Top Size Muscari latifolium - Grape Hyacinth	1.24	
32 93 23 00-0146	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	7.43	
32 93 23 00-0147	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	3.55	
32 93 23 00-0148	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	3.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0149	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	3.71	
32 93 23 00-0150	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	3.88	
32 93 23 00-0151	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	4.13	
32 93 23 00-0152	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	3.88	
32 93 23 00-0153	EA	Narcissus 'Salome' - Salome Daffodil DNI	3.63	
32 93 23 00-0154	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	3.88	
32 93 23 00-0155	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	3.88	
32 93 23 00-0156	EA	Top Size Scilla siberica - Siberian Squill	1.16	
32 93 23 00-0157	EA	Top Size Tulip 'Angelique' - Angelique Tulip	3.30	
32 93 23 00-0158	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	2.48	
32 93 23 00-0159	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	3.30	
32 93 23 00-0160	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.89	
32 93 23 00-0161	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	4.13	
32 93 23 00-0162	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	3.14	
32 93 23 00-0163	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	2.72	
32 93 23 00-0164	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	3.05	
32 93 23 00-0165	EA	Top Size Tulip clusiana - Species Tulip	3.05	
32 93 23 00-0166	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	3.05	
32 93 23 00-0167	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	2.48	
32 93 23 00-0168	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	2.39	
32 93 23 00-0169	EA	Top Size Tulip 'Halcro' - Halcro Tulip	2.48	
32 93 23 00-0170	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	4.13	
32 93 23 00-0171	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	2.48	
32 93 23 00-0172	EA	Top Size Tulip 'Passionale' - Passionale Tulip	3.30	
32 93 23 00-0173	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	3.55	
32 93 23 00-0174	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	3.71	
32 93 23 00-0175	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.97	
32 93 23 00-0176	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	2.81	
32 93 23 00-0177	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	3.05	
32 93 23 00-0178	EA	Top Size Tulip 'Princeps' - Princeps Tulip	3.05	
32 93 23 00-0179	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	2.39	
32 93 23 00-0180	EA	Top Size Tulip saxatilis - Species Tulip	1.65	
32 93 23 00-0181	EA	Top Size Tulip 'Shirley - Shirley Tulip	2.48	
32 93 23 00-0182	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	3.22	
32 93 23 00-0183	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	2.48	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0038 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	22.62	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	46.07	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	88.43	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	105.93	
32 93 33 00-0006	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	154.82	
32 93 33 00-0007	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	172.74	
32 93 33 00-0008	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	218.37	
32 93 33 00-0009	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	242.82	
32 93 33 00-0010	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	48.89	
32 93 33 00-0011	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	65.19	
32 93 33 00-0012	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	81.48	
32 93 33 00-0013	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	44.47	
32 93 33 00-0014	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	52.31	
32 93 33 00-0015	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	62.78	
32 93 33 00-0016	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	73.24	
32 93 33 00-0017	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	88.93	
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	43.16	
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	45.77	
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	48.39	
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	54.93	
32 93 33 00-0022	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	43.81	
32 93 33 00-0023	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	46.43	
32 93 33 00-0024	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	49.04	
32 93 33 00-0025	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	51.66	
32 93 33 00-0026	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	8.99	
32 93 33 00-0027	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	20.79	
32 93 33 00-0028	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	9.61	
32 93 33 00-0029	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	23.78	
32 93 33 00-0030	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	9.61	
32 93 33 00-0031	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	23.78	
32 93 33 00-0032	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	10.54	
32 93 33 00-0033	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	23.18	
32 93 33 00-0034	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	31.33	
32 93 33 00-0035	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	11.24	
32 93 33 00-0036	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	16.44	
32 93 33 00-0037	EA	15" To 18" Berberis - Northern Bayberry	46.92	
32 93 33 00-0038	EA	2' To 2-1/2' Berberis - Northern Bayberry	59.57	
32 93 33 00-0039	EA	2-1/2' To 3' Berberis - Northern Bayberry	83.46	
32 93 33 00-0040	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	10.85	
32 93 33 00-0041	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	26.15	
32 93 33 00-0042	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	50.16	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	64.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0044	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	82.05	
32 93 33 00-0045	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.49	
32 93 33 00-0046	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	26.55	
32 93 33 00-0047	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	32.45	
32 93 33 00-0048	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	12.79	
32 93 33 00-0049	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	36.11	
32 93 33 00-0050	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	50.16	
32 93 33 00-0051	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	77.41	
32 93 33 00-0052	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	14.61	
32 93 33 00-0053	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	39.20	
32 93 33 00-0054	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	41.73	
32 93 33 00-0055	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	53.67	
32 93 33 00-0056	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	71.51	
32 93 33 00-0057	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	107.34	
32 93 33 00-0058	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	149.07	
32 93 33 00-0059	EA	12" To 15" Buxus sempervirens - Common Boxwood	41.73	
32 93 33 00-0060	EA	15" To 18" Buxus sempervirens - Common Boxwood	53.67	
32 93 33 00-0061	EA	18" To 24" Buxus sempervirens - Common Boxwood	71.51	
32 93 33 00-0062	EA	24" To 30" Buxus sempervirens - Common Boxwood	107.34	
32 93 33 00-0063	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	27.46	
32 93 33 00-0064	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	45.77	
32 93 33 00-0065	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0066	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	65.39	
32 93 33 00-0067	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	88.93	
32 93 33 00-0068	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0069	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	43.16	
32 93 33 00-0070	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	39.23	
32 93 33 00-0071	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	52.31	
32 93 33 00-0072	EA	1 Gallon Camellia "Sasanqua" - Camellia	16.76	
32 93 33 00-0073	EA	3 Gallon Camellia "Sasanqua" - Camellia	35.75	
32 93 33 00-0074	EA	5 Gallon Camellia "Sasanqua" - Camellia	59.43	
32 93 33 00-0075	EA	7 Gallon Camellia "Sasanqua" - Camellia	88.50	
32 93 33 00-0076	EA	15 Gallon Camellia "Sasanqua" - Camellia	229.62	
32 93 33 00-0077	EA	1 Gallon Camellia japonica - Camellia	16.76	
32 93 33 00-0078	EA	3 Gallon Camellia japonica - Camellia	35.75	
32 93 33 00-0079	EA	5 Gallon Camellia japonica - Camellia	59.43	
32 93 33 00-0080	EA	5 Gallon Ceanothus americanus - New Jersey Tea	43.16	
32 93 33 00-0081	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	10.85	
32 93 33 00-0082	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	28.22	
32 93 33 00-0083	EA	5 Gallon Celastrus scandens - Bittersweet	43.16	
32 93 33 00-0084	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	36.62	
32 93 33 00-0085	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	43.16	
32 93 33 00-0086	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	32.70	
32 93 33 00-0087	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	36.62	
32 93 33 00-0088	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	39.23	
32 93 33 00-0089	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	37.65	
32 93 33 00-0090	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	50.16	
32 93 33 00-0091	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	77.41	
32 93 33 00-0092	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	41.85	
32 93 33 00-0093	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	45.12	
32 93 33 00-0094	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	50.35	
32 93 33 00-0095	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	52.97	
32 93 33 00-0096	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	62.12	
32 93 33 00-0097	EA	1 Gallon Cistus Hybridus - White Rockrose	9.61	
32 93 33 00-0098	EA	5 Gallon Cistus Hybridus - White Rockrose	23.78	
32 93 33 00-0099	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	9.61	
32 93 33 00-0100	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	23.78	
32 93 33 00-0101	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	111.33	
32 93 33 00-0102	EA	2' To 3' Cornus mas - Cornelian Cherry	59.57	
32 93 33 00-0103	EA	3' To 4' Cornus mas - Cornelian Cherry	74.46	
32 93 33 00-0104	EA	4' To 5' Cornus mas - Cornelian Cherry	95.40	
32 93 33 00-0105	EA	5' To 6' Cornus mas - Cornelian Cherry	131.08	
32 93 33 00-0106	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0107	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	27.46	
32 93 33 00-0108	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	31.39	
32 93 33 00-0109	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0110	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	47.08	
32 93 33 00-0111	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	39.23	
32 93 33 00-0112	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	43.16	
32 93 33 00-0113	EA	5 Gallon Cornus racemosa - Gray Dogwood	43.16	
32 93 33 00-0114	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	39.23	
32 93 33 00-0115	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	45.77	
32 93 33 00-0116	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	49.70	
32 93 33 00-0117	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	60.16	
32 93 33 00-0118	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	42.50	
32 93 33 00-0119	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	47.74	
32 93 33 00-0120	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	54.27	
32 93 33 00-0121	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	34.00	
32 93 33 00-0122	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	39.23	
32 93 33 00-0123	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	41.85	
32 93 33 00-0124	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	45.77	
32 93 33 00-0125	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	51.01	
32 93 33 00-0126	EA	5 Gallon Corylus americana - American Filbert	40.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0127	EA	30" Balled and Burlapped, Corylus americana - American Filbert	45.77	
32 93 33 00-0128	EA	36" Balled and Burlapped, Corylus americana - American Filbert	49.04	
32 93 33 00-0129	EA	48" Balled and Burlapped, Corylus americana - American Filbert	52.97	
32 93 33 00-0130	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	130.78	
32 93 33 00-0131	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	170.02	
32 93 33 00-0132	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	183.10	
32 93 33 00-0133	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	235.41	
32 93 33 00-0134	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	287.72	
32 93 33 00-0135	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	326.96	
32 93 33 00-0136	EA	5' To 6' Cotinus coggygria - Smoke Tree	125.18	
32 93 33 00-0137	EA	6' To 8' Cotinus coggygria - Smoke Tree	187.70	
32 93 33 00-0138	EA	8' To 10' Cotinus coggygria - Smoke Tree	283.10	
32 93 33 00-0139	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0140	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0141	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	34.00	
32 93 33 00-0142	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	31.33	
32 93 33 00-0143	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0144	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	32.70	
32 93 33 00-0145	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0146	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	13.49	
32 93 33 00-0147	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	41.73	
32 93 33 00-0148	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	56.34	
32 93 33 00-0149	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	95.40	
32 93 33 00-0150	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	9.61	
32 93 33 00-0151	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	23.78	
32 93 33 00-0152	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	13.49	
32 93 33 00-0153	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	26.55	
32 93 33 00-0154	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	9.61	
32 93 33 00-0155	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	23.78	
32 93 33 00-0156	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	94.38	
32 93 33 00-0157	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	33.35	
32 93 33 00-0158	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	36.62	
32 93 33 00-0159	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	47.08	
32 93 33 00-0160	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	54.93	
32 93 33 00-0161	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	62.78	
32 93 33 00-0162	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	52.31	
32 93 33 00-0163	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	62.78	
32 93 33 00-0164	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	73.24	
32 93 33 00-0165	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	19.62	
32 93 33 00-0166	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	47.08	
32 93 33 00-0167	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	62.78	
32 93 33 00-0168	EA	1 Gallon Elaeagnus - Silverberry	12.03	
32 93 33 00-0169	EA	3 Gallon Elaeagnus - Silverberry	24.06	
32 93 33 00-0170	EA	5 Gallon Elaeagnus - Silverberry	33.09	
32 93 33 00-0171	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	39.06	
32 93 33 00-0172	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	53.67	
32 93 33 00-0173	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	64.21	
32 93 33 00-0174	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	62.52	
32 93 33 00-0175	EA	1 Gallon Euonymus - Gold Spot	11.24	
32 93 33 00-0176	EA	2 Gallon Euonymus - Gold Spot	23.60	
32 93 33 00-0177	EA	5 Gallon Euonymus - Gold Spot	32.46	
32 93 33 00-0178	EA	1 Gallon Euonymus alatus - Winged Euonymus	9.60	
32 93 33 00-0179	EA	3 Gallon Euonymus alatus - Winged Euonymus	27.67	
32 93 33 00-0180	EA	24" Balled and Burlapped, Euonymus alatus - Winged Euonymus	37.30	
32 93 33 00-0181	EA	30" Balled and Burlapped, Euonymus alatus - Winged Euonymus	46.62	
32 93 33 00-0182	EA	36" Balled and Burlapped, Euonymus alatus - Winged Euonymus	64.07	
32 93 33 00-0183	EA	42" Balled and Burlapped, Euonymus alatus - Winged Euonymus	79.11	
32 93 33 00-0184	EA	48" Balled and Burlapped, Euonymus alatus - Winged Euonymus	93.25	
32 93 33 00-0185	EA	54" Balled and Burlapped, Euonymus alatus - Winged Euonymus	120.32	
32 93 33 00-0186	EA	5 Gallon Euonymus alatus - Winged Euonymus	34.59	
32 93 33 00-0187	EA	60" Balled and Burlapped, Euonymus alatus - Winged Euonymus	150.40	
32 93 33 00-0188	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	58.85	
32 93 33 00-0189	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	69.97	
32 93 33 00-0190	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	91.55	
32 93 33 00-0191	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	109.86	
32 93 33 00-0192	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	136.01	
32 93 33 00-0193	EA	18" To 24" Euonymus alatus - Winged Burning Bush	41.73	
32 93 33 00-0194	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	49.17	
32 93 33 00-0195	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	67.16	
32 93 33 00-0196	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	80.50	
32 93 33 00-0197	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	101.30	
32 93 33 00-0198	EA	4' To 5' Euonymus alatus - Winged Burning Bush	143.03	
32 93 33 00-0199	EA	5' To 6' Euonymus alatus - Winged Burning Bush	178.85	
32 93 33 00-0200	EA	6' To 8' Euonymus alatus - Winged Burning Bush	208.64	
32 93 33 00-0201	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	41.73	
32 93 33 00-0202	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	47.63	
32 93 33 00-0203	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	58.17	
32 93 33 00-0204	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	82.05	
32 93 33 00-0205	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	96.94	
32 93 33 00-0206	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	116.19	
32 93 33 00-0207	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	163.96	
32 93 33 00-0208	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	193.74	
32 93 33 00-0209	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	35.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0210	EA	1 Gallon Euonymus fortunei - Wintercreeper	13.49	
32 93 33 00-0211	EA	2 Gallon Euonymus fortunei - Wintercreeper	26.55	
32 93 33 00-0212	EA	3 Gallon Euonymus fortunei - Wintercreeper	32.46	
32 93 33 00-0213	EA	5 Gallon Euonymus fortunei - Wintercreeper	38.50	
32 93 33 00-0214	EA	2' To 3' Forsythia - Korean Forsythia	29.79	
32 93 33 00-0215	EA	3' To 4' Forsythia - Korean Forsythia	37.65	
32 93 33 00-0216	EA	4' To 5' Forsythia - Korean Forsythia	46.92	
32 93 33 00-0217	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	30.08	
32 93 33 00-0218	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	33.35	
32 93 33 00-0219	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	35.97	
32 93 33 00-0220	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	31.39	
32 93 33 00-0221	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	41.85	
32 93 33 00-0222	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	31.39	
32 93 33 00-0223	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	36.62	
32 93 33 00-0224	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	43.16	
32 93 33 00-0225	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	49.70	
32 93 33 00-0226	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	57.54	
32 93 33 00-0227	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	44.47	
32 93 33 00-0228	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	62.12	
32 93 33 00-0229	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	65.39	
32 93 33 00-0230	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	68.01	
32 93 33 00-0231	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	73.24	
32 93 33 00-0232	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	88.93	
32 93 33 00-0233	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	115.09	
32 93 33 00-0234	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	130.78	
32 93 33 00-0235	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	9.69	
32 93 33 00-0236	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	25.43	
32 93 33 00-0237	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	32.46	
32 93 33 00-0238	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	91.55	
32 93 33 00-0239	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	149.09	
32 93 33 00-0240	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	188.33	
32 93 33 00-0241	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	287.72	
32 93 33 00-0242	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	326.96	
32 93 33 00-0243	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	5.56	
32 93 33 00-0244	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	19.55	
32 93 33 00-0245	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	37.60	
32 93 33 00-0246	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	14.26	
32 93 33 00-0247	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	24.06	
32 93 33 00-0248	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	36.40	
32 93 33 00-0249	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	37.65	
32 93 33 00-0250	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	32.03	
32 93 33 00-0251	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	43.27	
32 93 33 00-0252	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	62.52	
32 93 33 00-0253	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	86.41	
32 93 33 00-0254	EA	2 Gallon Hydrangea - Blue Hydrangea	26.55	
32 93 33 00-0255	EA	5 Gallon Hydrangea - Blue Hydrangea	37.37	
32 93 33 00-0256	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	41.73	
32 93 33 00-0257	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	47.63	
32 93 33 00-0258	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	26.55	
32 93 33 00-0259	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	45.77	
32 93 33 00-0260	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	49.70	
32 93 33 00-0261	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	57.54	
32 93 33 00-0262	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	60.16	
32 93 33 00-0263	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	47.08	
32 93 33 00-0264	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	62.78	
32 93 33 00-0265	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	27.46	
32 93 33 00-0266	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	32.70	
32 93 33 00-0267	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	28.12	
32 93 33 00-0268	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	30.08	
32 93 33 00-0269	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	34.00	
32 93 33 00-0270	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	39.23	
32 93 33 00-0271	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	52.31	
32 93 33 00-0272	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	37.93	
32 93 33 00-0273	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	43.16	
32 93 33 00-0274	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	51.01	
32 93 33 00-0275	EA	2 Gallon Hypericum kalmianum - St. John's Wort	26.55	
32 93 33 00-0276	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	31.39	
32 93 33 00-0277	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	34.00	
32 93 33 00-0278	EA	1 Gallon Ilex "Carissa" - Holly	13.49	
32 93 33 00-0279	EA	2 Gallon Ilex "Carissa" - Holly	26.55	
32 93 33 00-0280	EA	5 Gallon Ilex "Carissa" - Holly	37.37	
32 93 33 00-0281	EA	18" To 24" Ilex - Gulftide Sweet Holly	35.83	
32 93 33 00-0282	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	45.38	
32 93 33 00-0283	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	58.87	
32 93 33 00-0284	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	71.51	
32 93 33 00-0285	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	26.76	
32 93 33 00-0286	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.49	
32 93 33 00-0287	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	26.55	
32 93 33 00-0288	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	38.50	
32 93 33 00-0289	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	13.49	
32 93 33 00-0290	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	29.51	
32 93 33 00-0291	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	38.50	
32 93 33 00-0292	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	29.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0293	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	35.55	
32 93 33 00-0294	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	71.51	
32 93 33 00-0295	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	95.40	
32 93 33 00-0296	EA	2' To 3' Ilex opaca - American Holly	95.40	
32 93 33 00-0297	EA	3' To 4' Ilex opaca - American Holly	157.92	
32 93 33 00-0298	EA	4' To 5' Ilex opaca - American Holly	202.60	
32 93 33 00-0299	EA	5' To 6' Ilex opaca - American Holly	244.32	
32 93 33 00-0300	EA	6' To 7' Ilex opaca - American Holly	342.67	
32 93 33 00-0301	EA	7' To 8' Ilex opaca - American Holly	476.85	
32 93 33 00-0302	EA	8' To 10' Ilex opaca - American Holly	685.34	
32 93 33 00-0303	EA	10' To 12' Ilex opaca - American Holly	1,043.05	
32 93 33 00-0304	EA	12' To 14' Ilex opaca - American Holly	1,266.44	
32 93 33 00-0305	EA	14' To 16' Ilex opaca - American Holly	1,564.43	
32 93 33 00-0306	EA	2' To 3' Ilex verticillata - Winterberry (Female)	95.40	
32 93 33 00-0307	EA	3' To 4' Ilex verticillata - Winterberry (Female)	125.18	
32 93 33 00-0308	EA	2' To 3' Ilex verticillata - Winterberry (Male)	77.41	
32 93 33 00-0309	EA	3' To 4' Ilex verticillata - Winterberry (Male)	107.34	
32 93 33 00-0310	EA	4' To 5' Ilex verticillata - Winterberry (Male)	125.18	
32 93 33 00-0311	EA	1 Gallon Ilex vomitoria - Yaupon Holly	12.65	
32 93 33 00-0312	EA	3 Gallon Ilex vomitoria - Yaupon Holly	25.43	
32 93 33 00-0313	EA	10 Gallon Ilex vomitoria - Yaupon Holly	89.36	
32 93 33 00-0314	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	40.54	
32 93 33 00-0315	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	45.77	
32 93 33 00-0316	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	52.31	
32 93 33 00-0317	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	48.39	
32 93 33 00-0318	EA	24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly	58.85	
32 93 33 00-0319	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0320	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0321	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	45.77	
32 93 33 00-0322	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	54.93	
32 93 33 00-0323	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	61.47	
32 93 33 00-0324	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	65.39	
32 93 33 00-0325	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	83.70	
32 93 33 00-0326	EA	4' To 5' Ilex x attenuata "Foster" - Holly	154.97	
32 93 33 00-0327	EA	5' To 6' Ilex x attenuata "Foster" - Holly	205.55	
32 93 33 00-0328	EA	6' To 7' Ilex x attenuata "Foster" - Holly	183.91	
32 93 33 00-0329	EA	7' To 8' Ilex x attenuata "Foster" - Holly	357.56	
32 93 33 00-0330	EA	1 Gallon Jasimnum - Jasmine	3.46	
32 93 33 00-0331	EA	3 Gallon Jasimnum - Jasmine	13.54	
32 93 33 00-0332	EA	3 Gallon Jasimnum - Orange Jasmine	10.53	
32 93 33 00-0333	EA	4' - 5' Jasimnum - Orange Jasmine	120.32	
32 93 33 00-0334	EA	6' - 7' Jasimnum - Orange Jasmine	240.64	
32 93 33 00-0335	EA	8' - 10' Jasimnum - Orange Jasmine	324.86	
32 93 33 00-0336	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	45.77	
32 93 33 00-0337	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	51.01	
32 93 33 00-0338	EA	18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	68.01	
32 93 33 00-0339	EA	24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	88.93	
32 93 33 00-0340	EA	30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	104.63	
32 93 33 00-0341	EA	36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	141.25	
32 93 33 00-0342	EA	48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	193.56	
32 93 33 00-0343	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	21.81	
32 93 33 00-0344	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	45.77	
32 93 33 00-0345	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	51.01	
32 93 33 00-0346	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	54.93	
32 93 33 00-0347	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	60.16	
32 93 33 00-0348	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	73.24	
32 93 33 00-0349	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	88.93	
32 93 33 00-0350	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	35.31	
32 93 33 00-0351	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	41.85	
32 93 33 00-0352	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	57.54	
32 93 33 00-0353	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	73.24	
32 93 33 00-0354	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	88.93	
32 93 33 00-0355	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	32.70	
32 93 33 00-0356	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	39.23	
32 93 33 00-0357	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	34.00	
32 93 33 00-0358	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	65.39	
32 93 33 00-0359	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	102.01	
32 93 33 00-0360	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	128.17	
32 93 33 00-0361	EA	15" To 18" Kalmia latifolia - Mountain Laurel	53.67	
32 93 33 00-0362	EA	18" To 24" Kalmia latifolia - Mountain Laurel	71.51	
32 93 33 00-0363	EA	2' To 3' Kalmia latifolia - Mountain Laurel	104.25	
32 93 33 00-0364	EA	4' To 5' Kalmia latifolia - Mountain Laurel	190.65	
32 93 33 00-0365	EA	5' To 6' Kalmia latifolia - Mountain Laurel	292.09	
32 93 33 00-0366	EA	6' To 8' Kalmia latifolia - Mountain Laurel	447.06	
32 93 33 00-0367	EA	1 Gallon Kerria japonica - Kerria	11.94	
32 93 33 00-0368	EA	5 Gallon Kerria japonica - Kerria	37.37	
32 93 33 00-0369	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	37.93	
32 93 33 00-0370	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	43.16	
32 93 33 00-0371	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	47.08	
32 93 33 00-0372	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	54.93	
32 93 33 00-0373	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	62.78	
32 93 33 00-0374	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	78.47	
32 93 33 00-0375	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	8.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0376	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	32.03	
32 93 33 00-0377	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	44.68	
32 93 33 00-0378	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	65.61	
32 93 33 00-0379	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	104.25	
32 93 33 00-0380	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	135.36	
32 93 33 00-0381	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	180.48	
32 93 33 00-0382	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	376.00	
32 93 33 00-0383	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	13.49	
32 93 33 00-0384	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	29.51	
32 93 33 00-0385	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	35.55	
32 93 33 00-0386	EA	1 Gallon Ligustrum lucidum - Glossy Privet	8.29	
32 93 33 00-0387	EA	5 Gallon Ligustrum lucidum - Glossy Privet	25.43	
32 93 33 00-0388	EA	15 Gallon Ligustrum lucidum - Glossy Privet	119.14	
32 93 33 00-0389	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	8.29	
32 93 33 00-0390	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	17.84	
32 93 33 00-0391	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	23.18	
32 93 33 00-0392	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	39.23	
32 93 33 00-0393	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	57.54	
32 93 33 00-0394	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	73.24	
32 93 33 00-0395	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	83.70	
32 93 33 00-0396	EA	5 Gallon Lindera benzoin - Spicebush	43.16	
32 93 33 00-0397	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	36.62	
32 93 33 00-0398	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	44.47	
32 93 33 00-0399	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	71.51	
32 93 33 00-0400	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	86.40	
32 93 33 00-0401	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	39.23	
32 93 33 00-0402	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	47.08	
32 93 33 00-0403	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	52.31	
32 93 33 00-0404	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	57.54	
32 93 33 00-0405	EA	1 Gallon Myrica cerifera - Wax Myrtle	7.52	
32 93 33 00-0406	EA	4 Gallon Myrica cerifera - Wax Myrtle	24.06	
32 93 33 00-0407	EA	7 Gallon Myrica cerifera - Wax Myrtle	52.64	
32 93 33 00-0408	EA	10 Gallon Myrica cerifera - Wax Myrtle	78.21	
32 93 33 00-0409	EA	15 Gallon Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0410	EA	45 Gallon Myrica cerifera - Wax Myrtle	360.96	
32 93 33 00-0411	EA	1' - 2' Myrica cerifera - Wax Myrtle	10.53	
32 93 33 00-0412	EA	3' - 4' Myrica cerifera - Wax Myrtle	36.10	
32 93 33 00-0413	EA	5' - 6' Myrica cerifera - Wax Myrtle	66.18	
32 93 33 00-0414	EA	7' - 8' Myrica cerifera - Wax Myrtle	90.24	
32 93 33 00-0415	EA	9' - 10' Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0416	EA	11' - 12' Myrica cerifera - Wax Myrtle	183.49	
32 93 33 00-0417	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	39.23	
32 93 33 00-0418	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	64.08	
32 93 33 00-0419	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	94.16	
32 93 33 00-0420	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	112.47	
32 93 33 00-0421	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	117.70	
32 93 33 00-0422	EA	1 Gallon Nandina domestica - Heavenly Bamboo	13.49	
32 93 33 00-0423	EA	2 Gallon Nandina domestica - Heavenly Bamboo	29.51	
32 93 33 00-0424	EA	5 Gallon Nandina domestica - Heavenly Bamboo	44.68	
32 93 33 00-0425	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	8.29	
32 93 33 00-0426	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	22.48	
32 93 33 00-0427	EA	1 Gallon Philadelphus - Evergreen Mockorange	11.52	
32 93 33 00-0428	EA	5 Gallon Philadelphus - Evergreen Mockorange	37.37	
32 93 33 00-0429	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	39.23	
32 93 33 00-0430	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	45.77	
32 93 33 00-0431	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	52.31	
32 93 33 00-0432	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.23	
32 93 33 00-0433	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	45.77	
32 93 33 00-0434	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	52.31	
32 93 33 00-0435	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	65.39	
32 93 33 00-0436	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	78.47	
32 93 33 00-0437	EA	12" To 15" Spread Pieris - Mountain Andromeda	36.11	
32 93 33 00-0438	EA	15" To 18" Spread Pieris - Mountain Andromeda	77.41	
32 93 33 00-0439	EA	12" To 15" Pieris japonica - Japanese Andromeda	46.93	
32 93 33 00-0440	EA	15" To 18" Pieris japonica - Japanese Andromeda	53.67	
32 93 33 00-0441	EA	18" To 24" Pieris japonica - Japanese Andromeda	67.16	
32 93 33 00-0442	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	95.40	
32 93 33 00-0443	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	113.24	
32 93 33 00-0444	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	40.74	
32 93 33 00-0445	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	52.15	
32 93 33 00-0446	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	62.74	
32 93 33 00-0447	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	80.67	
32 93 33 00-0448	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	96.96	
32 93 33 00-0449	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	141.78	
32 93 33 00-0450	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	88.00	
32 93 33 00-0451	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	105.93	
32 93 33 00-0452	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	140.96	
32 93 33 00-0453	EA	1 Gallon Pittosporum - Pittosporum	4.96	
32 93 33 00-0454	EA	3 Gallon Pittosporum - Pittosporum	12.78	
32 93 33 00-0455	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.96	
32 93 33 00-0456	EA	3 Gallon Pittosporum - Varigated Pittosporum	12.78	
32 93 33 00-0457	EA	5 Gallon Pittosporum - Varigated Pittosporum	22.41	
32 93 33 00-0458	EA	1 Gallon Podocarpus macrophyllus - Yew Podocarpus	6.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0459	EA	3 Gallon Podocarpus macrophyllus - Yew Podocarpus	18.05	
32 93 33 00-0460	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	22.23	
32 93 33 00-0461	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	31.39	
32 93 33 00-0462	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	23.54	
32 93 33 00-0463	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	26.16	
32 93 33 00-0464	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	37.93	
32 93 33 00-0465	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	43.81	
32 93 33 00-0466	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	5.60	
32 93 33 00-0467	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	14.01	
32 93 33 00-0468	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	83.51	
32 93 33 00-0469	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	21.36	
32 93 33 00-0470	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	26.44	
32 93 33 00-0471	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	34.40	
32 93 33 00-0472	EA	15" To 18" Prunus triloba - Double White Flowering Almond	19.08	
32 93 33 00-0473	EA	18" To 24" Prunus triloba - Double White Flowering Almond	24.42	
32 93 33 00-0474	EA	3' To 4' Prunus triloba - Double White Flowering Almond	38.95	
32 93 33 00-0475	EA	4' To 6' Prunus triloba - Double White Flowering Almond	77.99	
32 93 33 00-0476	EA	5 Gallon Prunus triloba - Pink Flowering Almond	23.46	
32 93 33 00-0477	EA	18" To 24" Prunus triloba - Pink Flowering Almond	26.35	
32 93 33 00-0478	EA	2' To 3' Prunus triloba - Pink Flowering Almond	30.64	
32 93 33 00-0479	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	20.83	
32 93 33 00-0480	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	25.56	
32 93 33 00-0481	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	30.64	
32 93 33 00-0482	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	35.10	
32 93 33 00-0483	EA	1 Gallon Punica granatum - Dwarf Pomegranate	8.85	
32 93 33 00-0484	EA	3 Gallon Punica granatum - Dwarf Pomegranate	26.13	
32 93 33 00-0485	EA	7 Gallon Punica granatum - Dwarf Pomegranate	53.67	
32 93 33 00-0486	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	11.24	
32 93 33 00-0487	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	37.37	
32 93 33 00-0488	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	77.41	
32 93 33 00-0489	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	8.99	
32 93 33 00-0490	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	17.14	
32 93 33 00-0491	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	30.49	
32 93 33 00-0492	EA	1 Gallon Rhamnus californica - Coffeeberry	13.67	
32 93 33 00-0493	EA	5 Gallon Rhamnus californica - Coffeeberry	39.08	
32 93 33 00-0494	EA	15 Gallon Rhamnus californica - Coffeeberry	117.29	
32 93 33 00-0495	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	68.56	
32 93 33 00-0496	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	93.99	
32 93 33 00-0497	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	122.23	
32 93 33 00-0498	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	223.53	
32 93 33 00-0499	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	14.61	
32 93 33 00-0500	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	29.50	
32 93 33 00-0501	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	38.50	
32 93 33 00-0502	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	44.68	
32 93 33 00-0503	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	52.26	
32 93 33 00-0504	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	65.61	
32 93 33 00-0505	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	95.40	
32 93 33 00-0506	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	134.03	
32 93 33 00-0507	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	16.44	
32 93 33 00-0508	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	29.50	
32 93 33 00-0509	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	50.72	
32 93 33 00-0510	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	65.61	
32 93 33 00-0511	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	95.40	
32 93 33 00-0512	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	140.08	
32 93 33 00-0513	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	187.70	
32 93 33 00-0514	EA	5 Gallon Rhododendron - Boxleaf Azara	37.37	
32 93 33 00-0515	EA	15 Gallon Rhododendron - Boxleaf Azara	134.03	
32 93 33 00-0516	EA	15" To 18" Rhododendron - Carolina Rhododendron	42.29	
32 93 33 00-0517	EA	18" To 24" Rhododendron - Carolina Rhododendron	74.46	
32 93 33 00-0518	EA	24" To 30" Rhododendron - Carolina Rhododendron	110.29	
32 93 33 00-0519	EA	2' To 3' Rhododendron - Five-leafed Azalea	50.16	
32 93 33 00-0520	EA	3' To 4' Rhododendron - Five-leafed Azalea	65.61	
32 93 33 00-0521	EA	4' To 5' Rhododendron - Five-leafed Azalea	86.41	
32 93 33 00-0522	EA	15" To 18" Rhododendron - Ghent Azalea	50.16	
32 93 33 00-0523	EA	18" To 24" Rhododendron - Ghent Azalea	62.52	
32 93 33 00-0524	EA	2' To 3' Rhododendron - Ghent Azalea	101.30	
32 93 33 00-0525	EA	3' To 4' Rhododendron - Ghent Azalea	140.08	
32 93 33 00-0526	EA	4' To 5' Rhododendron - Ghent Azalea	187.70	
32 93 33 00-0527	EA	5' To 6' Rhododendron - Ghent Azalea	250.37	
32 93 33 00-0528	EA	1 Gallon Rhododendron - Hybrid Rhododendron	16.44	
32 93 33 00-0529	EA	2 Gallon Rhododendron - Hybrid Rhododendron	35.55	
32 93 33 00-0530	EA	3 Gallon Rhododendron - Hybrid Rhododendron	50.44	
32 93 33 00-0531	EA	5 Gallon Rhododendron - Hybrid Rhododendron	56.34	
32 93 33 00-0532	EA	15" To 18" Rhododendron - Hybrid Rhododendron	47.63	
32 93 33 00-0533	EA	18" To 24" Rhododendron - Hybrid Rhododendron	65.61	
32 93 33 00-0534	EA	24" To 30" Rhododendron - Hybrid Rhododendron	89.36	
32 93 33 00-0535	EA	30" To 36" Rhododendron - Hybrid Rhododendron	104.25	
32 93 33 00-0536	EA	36" To 42" Rhododendron - Hybrid Rhododendron	149.07	
32 93 33 00-0537	EA	42" To 48" Rhododendron - Hybrid Rhododendron	184.75	
32 93 33 00-0538	EA	15" To 18" Rhododendron - Pjm Rhododendron	53.67	
32 93 33 00-0539	EA	18" To 24" Rhododendron - Pjm Rhododendron	65.61	
32 93 33 00-0540	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	95.40	
32 93 33 00-0541	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	122.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0542	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	149.07	
32 93 33 00-0543	EA	12" To 15" Rhododendron - Torch Azalea	41.73	
32 93 33 00-0544	EA	15" To 18" Rhododendron - Torch Azalea	50.16	
32 93 33 00-0545	EA	18" To 24" Rhododendron - Torch Azalea	62.52	
32 93 33 00-0546	EA	2' To 3' Rhododendron - Torch Azalea	104.25	
32 93 33 00-0547	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	47.08	
32 93 33 00-0548	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	57.54	
32 93 33 00-0549	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	70.62	
32 93 33 00-0550	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	88.93	
32 93 33 00-0551	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	104.63	
32 93 33 00-0552	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	125.55	
32 93 33 00-0553	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	13.49	
32 93 33 00-0554	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	37.37	
32 93 33 00-0555	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	31.39	
32 93 33 00-0556	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	43.16	
32 93 33 00-0557	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	49.70	
32 93 33 00-0558	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	65.39	
32 93 33 00-0559	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	39.23	
32 93 33 00-0560	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	65.39	
32 93 33 00-0561	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	104.63	
32 93 33 00-0562	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.31	
32 93 33 00-0563	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	40.54	
32 93 33 00-0564	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	58.85	
32 93 33 00-0565	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	78.47	
32 93 33 00-0566	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	21.58	
32 93 33 00-0567	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	26.16	
32 93 33 00-0568	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	32.70	
32 93 33 00-0569	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	23.54	
32 93 33 00-0570	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	30.08	
32 93 33 00-0571	EA	5 Gallon Sambucus canadensis - American Elder	43.16	
32 93 33 00-0572	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	19.39	
32 93 33 00-0573	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	28.38	
32 93 33 00-0574	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	10.54	
32 93 33 00-0575	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	27.54	
32 93 33 00-0576	EA	1 Gallon Skimmia japonica - Japanese Skimmia	13.49	
32 93 33 00-0577	EA	2 Gallon Skimmia japonica - Japanese Skimmia	26.83	
32 93 33 00-0578	EA	5 Gallon Skimmia japonica - Japanese Skimmia	43.27	
32 93 33 00-0579	EA	3' To 4' Spiraea - Garland Spirea	62.52	
32 93 33 00-0580	EA	4' To 5' Spiraea - Garland Spirea	95.40	
32 93 33 00-0581	EA	5 Gallon Spiraea - Snowmound Spirea	37.37	
32 93 33 00-0582	EA	18" To 24" Spiraea - Snowmound Spirea	30.63	
32 93 33 00-0583	EA	2' To 3' Spiraea - Snowmound Spirea	43.27	
32 93 33 00-0584	EA	3' To 4' Spiraea - Snowmound Spirea	50.16	
32 93 33 00-0585	EA	4' To 5' Spiraea - Snowmound Spirea	86.40	
32 93 33 00-0586	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	13.49	
32 93 33 00-0587	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	26.55	
32 93 33 00-0588	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	30.73	
32 93 33 00-0589	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	33.35	
32 93 33 00-0590	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	34.00	
32 93 33 00-0591	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	39.23	
32 93 33 00-0592	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	44.47	
32 93 33 00-0593	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	51.66	
32 93 33 00-0594	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	20.93	
32 93 33 00-0595	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	31.39	
32 93 33 00-0596	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	28.77	
32 93 33 00-0597	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	34.00	
32 93 33 00-0598	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	39.23	
32 93 33 00-0599	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	44.47	
32 93 33 00-0600	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	57.54	
32 93 33 00-0601	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	13.49	
32 93 33 00-0602	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	24.19	
32 93 33 00-0603	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	31.39	
32 93 33 00-0604	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	27.46	
32 93 33 00-0605	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	33.35	
32 93 33 00-0606	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	39.23	
32 93 33 00-0607	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	44.47	
32 93 33 00-0608	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0609	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0610	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	36.62	
32 93 33 00-0611	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	49.70	
32 93 33 00-0612	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	57.54	
32 93 33 00-0613	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	68.01	
32 93 33 00-0614	EA	5 Gallon Staphylea trifolia - Bladdernut	44.15	
32 93 33 00-0615	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	31.39	
32 93 33 00-0616	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	34.00	
32 93 33 00-0617	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	39.23	
32 93 33 00-0618	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	47.08	
32 93 33 00-0619	EA	2 Gallon Symphoricarpos albus - Common Snowberry	32.70	
32 93 33 00-0620	EA	5 Gallon Symphoricarpos albus - Common Snowberry	34.66	
32 93 33 00-0621	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	57.54	
32 93 33 00-0622	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	71.93	
32 93 33 00-0623	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	83.70	
32 93 33 00-0624	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	96.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0625	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	57.54	
32 93 33 00-0626	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	62.78	
32 93 33 00-0627	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	71.93	
32 93 33 00-0628	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	83.70	
32 93 33 00-0629	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	96.78	
32 93 33 00-0630	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	45.77	
32 93 33 00-0631	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	49.70	
32 93 33 00-0632	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	39.23	
32 93 33 00-0633	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	44.47	
32 93 33 00-0634	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	49.70	
32 93 33 00-0635	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	57.54	
32 93 33 00-0636	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	70.62	
32 93 33 00-0637	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	32.70	
32 93 33 00-0638	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	37.93	
32 93 33 00-0639	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	49.70	
32 93 33 00-0640	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	207.94	
32 93 33 00-0641	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	232.79	
32 93 33 00-0642	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	256.33	
32 93 33 00-0643	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	308.65	
32 93 33 00-0644	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	54.93	
32 93 33 00-0645	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	71.93	
32 93 33 00-0646	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	83.70	
32 93 33 00-0647	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	91.55	
32 93 33 00-0648	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	54.93	
32 93 33 00-0649	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	71.93	
32 93 33 00-0650	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	85.01	
32 93 33 00-0651	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	100.70	
32 93 33 00-0652	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	151.71	
32 93 33 00-0653	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	83.70	
32 93 33 00-0654	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	112.47	
32 93 33 00-0655	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	170.02	
32 93 33 00-0656	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	248.49	
32 93 33 00-0657	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	285.11	
32 93 33 00-0658	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	330.88	
32 93 33 00-0659	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	36.62	
32 93 33 00-0660	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	51.01	
32 93 33 00-0661	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	71.93	
32 93 33 00-0662	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	62.52	
32 93 33 00-0663	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	95.40	
32 93 33 00-0664	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	125.18	
32 93 33 00-0665	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	7.59	
32 93 33 00-0666	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	20.79	
32 93 33 00-0667	EA	5 Gallon Viburnum plicatum - Japanese Snowball	37.37	
32 93 33 00-0668	EA	5' To 6' Viburnum plicatum - Japanese Snowball	140.08	
32 93 33 00-0669	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	65.61	
32 93 33 00-0670	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	77.41	
32 93 33 00-0671	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	108.89	
32 93 33 00-0672	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	71.93	
32 93 33 00-0673	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	86.32	
32 93 33 00-0674	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	65.39	
32 93 33 00-0675	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	78.47	
32 93 33 00-0676	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	91.55	
32 93 33 00-0677	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	104.63	
32 93 33 00-0678	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	36.62	
32 93 33 00-0679	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	39.23	
32 93 33 00-0680	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	45.77	
32 93 33 00-0681	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	52.31	
32 93 33 00-0682	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	57.54	
32 93 33 00-0683	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	35.31	
32 93 33 00-0684	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	39.23	
32 93 33 00-0685	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	49.70	
32 93 33 00-0686	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	57.54	
32 93 33 00-0687	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	78.47	
32 93 33 00-0688	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	94.16	
32 93 33 00-0689	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	39.23	
32 93 33 00-0690	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	52.31	
32 93 33 00-0691	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	65.39	
32 93 33 00-0692	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	91.55	
32 93 33 00-0693	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	130.78	
32 93 33 00-0694	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	183.10	
32 93 33 00-0695	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	235.41	
32 93 33 00-0696	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	47.08	
32 93 33 00-0697	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	52.31	
32 93 33 00-0698	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	94.16	
32 93 33 00-0699	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	143.86	
32 93 33 00-0700	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	183.10	
32 93 33 00-0701	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	222.33	
32 93 33 00-0702	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	274.64	
32 93 33 00-0703	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	326.96	
32 93 33 00-0704	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	392.35	
32 93 33 00-0705	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	457.74	
32 93 33 00-0706	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	39.89	
32 93 33 00-0707	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	43.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0708	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	49.70	
32 93 33 00-0709	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	57.54	
32 93 33 00-0710	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	66.05	
32 93 33 00-0711	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	37.93	
32 93 33 00-0712	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	45.77	
32 93 33 00-0713	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	54.93	
32 93 33 00-0714	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	62.78	
32 93 33 00-0715	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	75.85	
32 93 33 00-0716	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	83.70	
32 93 33 00-0717	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	65.39	
32 93 33 00-0718	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	78.47	
32 93 33 00-0719	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	91.55	
32 93 33 00-0720	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	104.63	
32 93 33 00-0721	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	117.70	
32 93 33 00-0722	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	83.70	
32 93 33 00-0723	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	94.16	
32 93 33 00-0724	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	107.24	
32 93 33 00-0725	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	122.94	
32 93 33 00-0726	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	77.41	
32 93 33 00-0727	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	95.40	
32 93 33 00-0728	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	140.08	
32 93 33 00-0729	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	43.16	
32 93 33 00-0730	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	39.23	
32 93 33 00-0731	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	44.47	
32 93 33 00-0732	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	49.70	
32 93 33 00-0733	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	57.54	
32 93 33 00-0734	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	65.39	
32 93 33 00-0735	EA	1 Gallon Xylosma congestum - Shiny Xylosma	8.99	
32 93 33 00-0736	EA	5 Gallon Xylosma congestum - Shiny Xylosma	25.43	
32 93 33 00-0737	EA	15 Gallon Xylosma congestum - Shiny Xylosma	111.83	
32 93 33 00-0738	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	7.59	
32 93 33 00-0739	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	20.09	
32 93 33 00-0740	EA	1 Gallon Yucca filamentosa - Adams Needle	10.54	
32 93 33 00-0741	EA	3 Gallon Yucca filamentosa - Adams Needle	20.51	
32 93 33 00-0742	EA	5 Gallon Yucca filamentosa - Adams Needle	32.46	
32 93 33 00-0743	EA	5 Gallon Border Forsythia - Goldenbells	36.11	
32 93 33 00-0744	EA	2' To 3' Border Forsythia - Goldenbells	29.79	
32 93 33 00-0745	EA	3' To 4' Border Forsythia - Goldenbells	37.65	
32 93 33 00-0746	EA	4' To 5' Border Forsythia - Goldenbells	46.93	
32 93 33 00-0747	EA	5' To 6' Border Forsythia - Goldenbells	56.34	
32 93 33 00-0748	EA	6' To 8' Border Forsythia - Goldenbells	77.41	
32 93 33 00-0749	EA	3' Juniperus chinensis - Columnar Chinese Juniper	76.70	
32 93 33 00-0750	EA	4' Juniperus chinensis - Columnar Chinese Juniper	105.28	
32 93 33 00-0751	EA	5' Juniperus chinensis - Columnar Chinese Juniper	165.44	
32 93 33 00-0752	EA	6' Juniperus chinensis - Columnar Chinese Juniper	192.51	
32 93 33 00-0753	EA	7' Juniperus chinensis - Columnar Chinese Juniper	252.67	
32 93 33 00-0754	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	15.04	
32 93 33 00-0755	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	21.06	
32 93 33 00-0756	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	50.99	
32 93 33 00-0757	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	15.04	
32 93 33 00-0758	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	21.06	
32 93 33 00-0759	EA	Beile Poitvine Roses	60.16	
32 93 33 00-0760	EA	3 Gallon Bird Of Paradise	27.07	
32 93 33 00-0761	EA	5 Gallon Bird Of Paradise	42.11	
32 93 33 00-0762	EA	7 Gallon Bird Of Paradise	57.15	
32 93 33 00-0763	EA	10 Gallon Bird Of Paradise	114.30	
32 93 33 00-0764	EA	18" Bonica Roses	69.18	
32 93 33 00-0765	EA	1 Gallon Burmese Grape	12.03	
32 93 33 00-0766	EA	5 Gallon Burmese Grape	33.09	
32 93 33 00-0767	EA	15 Gallon Burmese Grape	123.33	
32 93 33 00-0768	EA	6" To 9" Canby Paxistima	24.06	
32 93 33 00-0769	EA	9" To 12" Canby Paxistima	30.08	
32 93 33 00-0770	EA	12" To 15" Canby Paxistima	39.10	
32 93 33 00-0771	EA	5 Gallon Chastetree	42.11	
32 93 33 00-0772	EA	3' Chinese Lilac	60.16	
32 93 33 00-0773	EA	4' Chinese Lilac	75.20	
32 93 33 00-0774	EA	5' Chinese Lilac	102.27	
32 93 33 00-0775	EA	1 Gallon Christmas Berry	15.04	
32 93 33 00-0776	EA	2 Gallon Christmas Berry	33.09	
32 93 33 00-0777	EA	5 Gallon Christmas Berry	48.13	
32 93 33 00-0778	EA	15 Gallon Christmas Berry	222.59	
32 93 33 00-0779	EA	1 Gallon Concha Wild Lilac	12.03	
32 93 33 00-0780	EA	5 Gallon Concha Wild Lilac	30.08	
32 93 33 00-0781	EA	1 Gallon Flower Carpet Roses	30.08	
32 93 33 00-0782	EA	3 Gallon Flower Carpet Roses	57.15	
32 93 33 00-0783	EA	Goldfinger Potentillas	48.13	
32 93 33 00-0784	EA	Green Mound Alpine Currents	60.16	
32 93 33 00-0785	EA	24" Gro-Low Sumacs	60.16	
32 93 33 00-0786	EA	3 Gallon Heliconia	27.07	
32 93 33 00-0787	EA	1' Ibolium Private	3.01	
32 93 33 00-0788	EA	2' Ibolium Private	12.03	
32 93 33 00-0789	EA	3' Ibolium Private	21.06	
32 93 33 00-0790	EA	5 Gallon Japanese Privit	33.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0791	EA	24" Spirea - Little Princess	63.17	
32 93 33 00-0792	EA	2' Longstalk Holly	60.16	
32 93 33 00-0793	EA	2-1/2' Longstalk Holly	81.22	
32 93 33 00-0794	EA	3' Longstalk Holly	102.27	
32 93 33 00-0795	EA	3-1/2' Longstalk Holly	114.30	
32 93 33 00-0796	EA	3 Gallon Low Dense Pyracantha	30.08	
32 93 33 00-0797	EA	1 Gallon Pacific Wax Myrtle	9.02	
32 93 33 00-0798	EA	5 Gallon Pacific Wax Myrtle	30.08	
32 93 33 00-0799	EA	1 Gallon Red Escallonia	9.02	
32 93 33 00-0800	EA	5 Gallon Red Escallonia	30.08	
32 93 33 00-0801	EA	15 Gallon Red Escallonia	123.33	
32 93 33 00-0802	EA	24" Smooth Hydrangeas	72.19	
32 93 33 00-0803	EA	15" To 18" Somerset Burkwood Daphne	48.13	
32 93 33 00-0804	EA	18" To 24" Somerset Burkwood Daphne	63.17	
32 93 33 00-0805	EA	1 Gallon Spring Bouquet Laurustinis	9.02	
32 93 33 00-0806	EA	5 Gallon Spring Bouquet Laurustinis	33.09	
32 93 33 00-0807	EA	15" To 18" Summersweet	36.10	
32 93 33 00-0808	EA	18" To 24" Summersweet	42.11	
32 93 33 00-0809	EA	2' Sweet Shrubs	48.13	
32 93 33 00-0810	EA	3' Sweet Shrubs	63.17	
32 93 33 00-0811	EA	1 Gallon Variegated Silverberry	9.02	
32 93 33 00-0812	EA	3 Gallon Variegated Silverberry	21.06	
32 93 33 00-0813	EA	15 Gallon Variegated Silverberry	123.33	
32 93 33 00-0814	EA	1 Gallon Variegated Winter Daphne	15.04	
32 93 33 00-0815	EA	5 Gallon Variegated Winter Daphne	48.13	
32 93 33 00-0816	EA	15 Gallon Variegated Winter Daphne	222.59	
32 93 33 00-0817	EA	2' To 3' Virginia Sweetspire	105.28	
32 93 33 00-0818	EA	1 Gallon Warminster Broom	15.04	
32 93 33 00-0819	EA	2 Gallon Warminster Broom	30.08	
32 93 33 00-0820	EA	5 Gallon Warminster Broom	42.11	
32 93 33 00-0821	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	8.36	
32 93 33 00-0822	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	25.73	
32 93 33 00-0823	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	83.62	
32 93 33 00-0824	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	21.44	
32 93 33 00-0825	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	53.60	
32 93 33 00-0826	EA	5 Gallon Senna artemisioides - Feathery Cassia	25.73	
32 93 33 00-0827	EA	15 Gallon Senna artemisioides - Feathery Cassia	102.38	
32 93 33 00-0828	EA	24" Box Senna artemisioides - Feathery Cassia	321.60	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	287.06	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	350.85	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	398.70	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	462.49	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	526.28	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	621.97	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	285.63	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,020.66	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,275.83	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	255.17	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	637.91	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	829.29	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	956.87	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,084.45	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,275.83	
32 93 43 00-0017	EA	6' Albizia julibrissin - Silk Tree	743.93	
32 93 43 00-0018	EA	8' Albizia julibrissin - Silk Tree	991.90	
32 93 43 00-0019	EA	10' Albizia julibrissin - Silk Tree	1,239.88	
32 93 43 00-0020	EA	12' Albizia julibrissin - Silk Tree	1,487.86	
32 93 43 00-0021	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	104.63	
32 93 43 00-0022	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	130.78	
32 93 43 00-0023	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	162.17	
32 93 43 00-0024	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	130.78	
32 93 43 00-0025	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	156.94	
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	183.10	
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	209.25	
32 93 43 00-0028	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	235.41	
32 93 43 00-0029	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	261.57	
32 93 43 00-0030	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	300.80	
32 93 43 00-0031	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	340.03	
32 93 43 00-0032	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	392.35	
32 93 43 00-0033	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	318.96	
32 93 43 00-0034	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	446.54	
32 93 43 00-0035	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	478.43	
32 93 43 00-0036	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	558.17	
32 93 43 00-0037	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	398.70	
32 93 43 00-0038	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	478.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0039	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	558.17	
32 93 43 00-0040	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	637.91	
32 93 43 00-0041	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	717.65	
32 93 43 00-0042	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	797.39	
32 93 43 00-0043	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	300.80	
32 93 43 00-0044	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	353.11	
32 93 43 00-0045	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	405.43	
32 93 43 00-0046	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	444.66	
32 93 43 00-0047	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	104.63	
32 93 43 00-0048	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	222.33	
32 93 43 00-0049	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	287.72	
32 93 43 00-0050	EA	2' To 4' Amelemchier - Juneberry	31.85	
32 93 43 00-0051	EA	4' To 5' Amelemchier - Juneberry	33.41	
32 93 43 00-0052	EA	5' To 6' Amelemchier - Juneberry	39.78	
32 93 43 00-0053	EA	6' To 8' Amelemchier - Juneberry	47.46	
32 93 43 00-0054	EA	15 Gallon Chilopsis linearis - Desert Willow	69.77	
32 93 43 00-0055	EA	24" Box Chilopsis linearis - Desert Willow	224.68	
32 93 43 00-0056	EA	36" Box Chilopsis linearis - Desert Willow	591.26	
32 93 43 00-0057	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	69.77	
32 93 43 00-0058	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	189.20	
32 93 43 00-0059	EA	36" Box Chionanthus retusus - Chinese Fringe Tree	650.38	
32 93 43 00-0060	EA	1-1/2" Caliper Arbutus menziesii - Madrona	539.08	
32 93 43 00-0061	EA	2" Caliper Arbutus menziesii - Madrona	700.80	
32 93 43 00-0062	EA	2-1/2" Caliper Arbutus menziesii - Madrona	808.62	
32 93 43 00-0063	EA	3" Caliper Arbutus menziesii - Madrona	916.43	
32 93 43 00-0064	EA	3-1/2" Caliper Arbutus menziesii - Madrona	1,078.16	
32 93 43 00-0065	EA	1 Gallon Arbutus 'Marina' - Marina Strawberry Tree	7.69	
32 93 43 00-0066	EA	5 Gallon Arbutus 'Marina' - Marina Strawberry Tree	28.97	
32 93 43 00-0067	EA	15 Gallon Arbutus 'Marina' - Marina Strawberry Tree	93.42	
32 93 43 00-0068	EA	24" Box Arbutus 'Marina' - Marina Strawberry Tree	224.68	
32 93 43 00-0069	EA	36" Box Arbutus 'Marina' - Marina Strawberry Tree	722.64	
32 93 43 00-0070	EA	1 Gallon Arbutus unedo - Strawberry Tree	7.10	
32 93 43 00-0071	EA	5 Gallon Arbutus unedo - Strawberry Tree	21.29	
32 93 43 00-0072	EA	15 Gallon Arbutus unedo - Strawberry Tree	93.42	
32 93 43 00-0073	EA	24" Box Arbutus unedo - Strawberry Tree	224.68	
32 93 43 00-0074	EA	36" Box Arbutus unedo - Strawberry Tree	650.38	
32 93 43 00-0075	EA	3' Clump Form Asimina triloba - Paw-Paw	223.27	
32 93 43 00-0076	EA	4' Clump Form Asimina triloba - Paw-Paw	255.17	
32 93 43 00-0077	EA	5' Clump Form Asimina triloba - Paw-Paw	350.85	
32 93 43 00-0078	EA	6' Brachychiton acerifolius - Flame Tree	743.93	
32 93 43 00-0079	EA	8' Brachychiton acerifolius - Flame Tree	991.90	
32 93 43 00-0080	EA	10' Brachychiton acerifolius - Flame Tree	1,239.88	
32 93 43 00-0081	EA	12' Brachychiton acerifolius - Flame Tree	1,487.86	
32 93 43 00-0082	EA	1 Gallon Callistemon salignus - White BottleBrush	4.14	
32 93 43 00-0083	EA	5 Gallon Callistemon salignus - White BottleBrush	11.83	
32 93 43 00-0084	EA	15 Gallon Callistemon salignus - White BottleBrush	46.12	
32 93 43 00-0085	EA	24" Box Callistemon salignus - White BottleBrush	189.20	
32 93 43 00-0086	EA	5 Gallon Calodendrum capense - Cape Chestnut	46.50	
32 93 43 00-0087	EA	15 Gallon Calodendrum capense - Cape Chestnut	185.98	
32 93 43 00-0088	EA	24" Box Calodendrum capense - Cape Chestnut	697.43	
32 93 43 00-0089	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	478.43	
32 93 43 00-0090	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	558.17	
32 93 43 00-0091	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	717.65	
32 93 43 00-0092	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	287.06	
32 93 43 00-0093	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	350.85	
32 93 43 00-0094	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	478.43	
32 93 43 00-0095	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	558.17	
32 93 43 00-0096	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	669.81	
32 93 43 00-0097	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	813.34	
32 93 43 00-0098	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	924.97	
32 93 43 00-0099	EA	8' Cassia leptophlia - Gold Medallion Tree	402.96	
32 93 43 00-0100	EA	10' Cassia leptophlia - Gold Medallion Tree	511.45	
32 93 43 00-0101	EA	12' Cassia leptophlia - Gold Medallion Tree	619.94	
32 93 43 00-0102	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	45.48	
32 93 43 00-0103	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	119.92	
32 93 43 00-0104	EA	24" Box Celtis Sinensis - Chinese Hackberry	392.82	
32 93 43 00-0105	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,147.46	
32 93 43 00-0106	EA	15 Gallon Cercis canadensis - American Redbud, Eastern Redbud	93.42	
32 93 43 00-0107	EA	24" Box Cercis canadensis - American Redbud, Eastern Redbud	224.68	
32 93 43 00-0108	EA	36" Box Cercis canadensis - American Redbud, Eastern Redbud	591.26	
32 93 43 00-0109	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	155.91	
32 93 43 00-0110	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	194.89	
32 93 43 00-0111	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	382.75	
32 93 43 00-0112	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	526.28	
32 93 43 00-0113	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	669.81	
32 93 43 00-0114	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	366.80	
32 93 43 00-0115	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	430.59	
32 93 43 00-0116	EA	6' Cercis - American Redbud	178.63	
32 93 43 00-0117	EA	8' Cercis - American Redbud	245.76	
32 93 43 00-0118	EA	2-1/2" Caliper Cercis - American Redbud	506.18	
32 93 43 00-0119	EA	3" Caliper Cercis - American Redbud	616.22	
32 93 43 00-0120	EA	1 Gallon Cercis occidentalis - Western Redbud	7.69	
32 93 43 00-0121	EA	5 Gallon Cercis occidentalis - Western Redbud	28.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0122	EA	15 Gallon Cercis occidentalis - Western Redbud	93.42	
32 93 43 00-0123	EA	24" Box Cercis occidentalis - Western Redbud	224.68	
32 93 43 00-0124	EA	36" Box Cercis occidentalis - Western Redbud	650.38	
32 93 43 00-0125	EA	1 Gallon Chitalpa tashkentensis - Chitalpa	5.32	
32 93 43 00-0126	EA	5 Gallon Chitalpa tashkentensis - Chitalpa	16.56	
32 93 43 00-0127	EA	15 Gallon Chitalpa tashkentensis - Chitalpa	57.94	
32 93 43 00-0128	EA	24" Box Chitalpa tashkentensis - Chitalpa	189.20	
32 93 43 00-0129	EA	36" Box Chitalpa tashkentensis - Chitalpa	532.13	
32 93 43 00-0130	EA	5' To 6' Chaenomeles - Orange Quince	100.75	
32 93 43 00-0131	EA	6' To 8' Chaenomeles - Orange Quince	125.93	
32 93 43 00-0132	EA	1-1/2" Caliper Chilopsis linearis - Desert Willow	601.34	
32 93 43 00-0133	EA	2" Caliper Chilopsis linearis - Desert Willow	722.23	
32 93 43 00-0134	EA	2-1/2" Caliper Chilopsis linearis - Desert Willow	768.73	
32 93 43 00-0135	EA	3" Caliper Chilopsis linearis - Desert Willow	852.42	
32 93 43 00-0136	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	31.00	
32 93 43 00-0137	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	123.99	
32 93 43 00-0138	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	619.94	
32 93 43 00-0139	EA	6' Chionanthus virginicus - White Fringe Tree	371.96	
32 93 43 00-0140	EA	8' Chionanthus virginicus - White Fringe Tree	513.52	
32 93 43 00-0141	EA	10' Chionanthus virginicus - White Fringe Tree	715.26	
32 93 43 00-0142	EA	5' Clump Form Chionanthus virginicus - White Fringetree	318.96	
32 93 43 00-0143	EA	6' Clump Form Chionanthus virginicus - White Fringetree	398.70	
32 93 43 00-0144	EA	7' Clump Form Chionanthus virginicus - White Fringetree	510.33	
32 93 43 00-0145	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	115.14	
32 93 43 00-0146	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	143.92	
32 93 43 00-0147	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	201.49	
32 93 43 00-0148	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	259.05	
32 93 43 00-0149	EA	4' To 5' Cornus - White Flowering Dogwood	76.76	
32 93 43 00-0150	EA	5' To 6' Cornus - White Flowering Dogwood	115.14	
32 93 43 00-0151	EA	6' To 7' Cornus - White Flowering Dogwood	161.19	
32 93 43 00-0152	EA	3' To 4' Cornus kousa - Japanese Dogwood	76.76	
32 93 43 00-0153	EA	4' To 5' Cornus kousa - Japanese Dogwood	88.27	
32 93 43 00-0154	EA	5' To 6' Cornus kousa - Japanese Dogwood	115.14	
32 93 43 00-0155	EA	6' To 8' Cornus kousa - Japanese Dogwood	168.87	
32 93 43 00-0156	EA	8' To 10' Cornus kousa - Japanese Dogwood	230.27	
32 93 43 00-0157	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	366.80	
32 93 43 00-0158	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	446.54	
32 93 43 00-0159	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	175.43	
32 93 43 00-0160	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	223.27	
32 93 43 00-0161	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	255.17	
32 93 43 00-0162	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	287.06	
32 93 43 00-0163	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	350.85	
32 93 43 00-0164	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	175.43	
32 93 43 00-0165	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	223.27	
32 93 43 00-0166	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	271.11	
32 93 43 00-0167	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	318.96	
32 93 43 00-0168	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	446.54	
32 93 43 00-0169	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	398.70	
32 93 43 00-0170	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	478.43	
32 93 43 00-0171	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	558.17	
32 93 43 00-0172	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	318.96	
32 93 43 00-0173	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	398.70	
32 93 43 00-0174	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	494.38	
32 93 43 00-0175	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	558.17	
32 93 43 00-0176	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	637.91	
32 93 43 00-0177	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	717.65	
32 93 43 00-0178	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	318.96	
32 93 43 00-0179	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	382.75	
32 93 43 00-0180	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	446.54	
32 93 43 00-0181	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	558.17	
32 93 43 00-0182	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	717.65	
32 93 43 00-0183	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	45.48	
32 93 43 00-0184	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	119.92	
32 93 43 00-0185	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	392.82	
32 93 43 00-0186	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	1,147.46	
32 93 43 00-0187	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	255.17	
32 93 43 00-0188	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	287.06	
32 93 43 00-0189	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	318.96	
32 93 43 00-0190	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	366.80	
32 93 43 00-0191	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	478.43	
32 93 43 00-0192	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	542.23	
32 93 43 00-0193	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	223.27	
32 93 43 00-0194	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	271.11	
32 93 43 00-0195	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	318.96	
32 93 43 00-0196	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	398.70	
32 93 43 00-0197	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	494.38	
32 93 43 00-0198	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	590.07	
32 93 43 00-0199	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	685.76	
32 93 43 00-0200	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	255.17	
32 93 43 00-0201	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	287.06	
32 93 43 00-0202	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	398.70	
32 93 43 00-0203	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	526.28	
32 93 43 00-0204	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	239.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0205	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	318.96	
32 93 43 00-0206	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	398.70	
32 93 43 00-0207	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	478.43	
32 93 43 00-0208	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	13.44	
32 93 43 00-0209	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	37.22	
32 93 43 00-0210	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	163.33	
32 93 43 00-0211	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	392.82	
32 93 43 00-0212	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	1,033.75	
32 93 43 00-0213	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	101.31	
32 93 43 00-0214	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	330.80	
32 93 43 00-0215	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	878.69	
32 93 43 00-0216	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	1,964.12	
32 93 43 00-0217	EA	15 Gallon Geijera parvifolia - Australian Willow	220.08	
32 93 43 00-0218	EA	24" Box Geijera parvifolia - Australian Willow	453.00	
32 93 43 00-0219	EA	30" Box Geijera parvifolia - Australian Willow	843.64	
32 93 43 00-0220	EA	36" Box Geijera parvifolia - Australian Willow	1,210.44	
32 93 43 00-0221	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	28.94	
32 93 43 00-0222	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	101.31	
32 93 43 00-0223	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	330.80	
32 93 43 00-0224	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	878.69	
32 93 43 00-0225	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,964.12	
32 93 43 00-0226	EA	5 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	28.97	
32 93 43 00-0227	EA	15 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	93.42	
32 93 43 00-0228	EA	24" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	189.20	
32 93 43 00-0229	EA	36" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	650.38	
32 93 43 00-0230	EA	1-1/2" Caliper Ginko Biloba - Maidenhair Tree	652.90	
32 93 43 00-0231	EA	2" Caliper Ginko Biloba - Maidenhair Tree	909.66	
32 93 43 00-0232	EA	2-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,096.73	
32 93 43 00-0233	EA	3" Caliper Ginko Biloba - Maidenhair Tree	1,280.13	
32 93 43 00-0234	EA	3-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,676.28	
32 93 43 00-0235	EA	4" Caliper Ginko Biloba - Maidenhair Tree	1,789.98	
32 93 43 00-0236	EA	4-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,907.36	
32 93 43 00-0237	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	159.48	
32 93 43 00-0238	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	207.32	
32 93 43 00-0239	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	255.17	
32 93 43 00-0240	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	350.85	
32 93 43 00-0241	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	478.43	
32 93 43 00-0242	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	9.17	
32 93 43 00-0243	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	29.34	
32 93 43 00-0244	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	50.44	
32 93 43 00-0245	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	96.28	
32 93 43 00-0246	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	128.38	
32 93 43 00-0247	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	165.06	
32 93 43 00-0248	EA	1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	371.96	
32 93 43 00-0249	EA	2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	604.44	
32 93 43 00-0250	EA	2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	743.93	
32 93 43 00-0251	EA	3" Caliper Koelreuteria bipinnata - Chinese Flame Tree	821.42	
32 93 43 00-0252	EA	24" Box Koelreuteria bipinnata - Chinese Flame Tree	362.66	
32 93 43 00-0253	EA	30" Box Koelreuteria bipinnata - Chinese Flame Tree	836.92	
32 93 43 00-0254	EA	36" Box Koelreuteria bipinnata - Chinese Flame Tree	1,309.62	
32 93 43 00-0255	EA	1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	337.87	
32 93 43 00-0256	EA	2" Cliber Koelreuteria paniculata - Golden Rain Tree	548.65	
32 93 43 00-0257	EA	3" Cliber Koelreuteria paniculata - Golden Rain Tree	759.43	
32 93 43 00-0258	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	234.75	
32 93 43 00-0259	EA	6' Lagerstroemia indica - Crape Myrtle	436.49	
32 93 43 00-0260	EA	8' Lagerstroemia indica - Crape Myrtle	451.16	
32 93 43 00-0261	EA	10' Lagerstroemia indica - Crape Myrtle	546.53	
32 93 43 00-0262	EA	24" Box Lagerstroemia indica - Crape Myrtle	429.16	
32 93 43 00-0263	EA	1 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	11.71	
32 93 43 00-0264	EA	5 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	28.97	
32 93 43 00-0265	EA	15 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	93.42	
32 93 43 00-0266	EA	1 Gallon Jacaranda mimosifolia - Jacaranda	7.69	
32 93 43 00-0267	EA	5 Gallon Jacaranda mimosifolia - Jacaranda	21.29	
32 93 43 00-0268	EA	15 Gallon Jacaranda mimosifolia - Jacaranda	57.94	
32 93 43 00-0269	EA	24" Box Jacaranda mimosifolia - Jacaranda	189.20	
32 93 43 00-0270	EA	36" Box Jacaranda mimosifolia - Jacaranda	532.13	
32 93 43 00-0271	EA	1 Gallon Koelreuteria bipinnata - Chinese Flame Tree	7.69	
32 93 43 00-0272	EA	5 Gallon Koelreuteria bipinnata - Chinese Flame Tree	21.29	
32 93 43 00-0273	EA	15 Gallon Koelreuteria bipinnata - Chinese Flame Tree	69.77	
32 93 43 00-0274	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	28.94	
32 93 43 00-0275	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	121.98	
32 93 43 00-0276	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	330.80	
32 93 43 00-0277	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	930.38	
32 93 43 00-0278	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,377.62	
32 93 43 00-0279	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	28.94	
32 93 43 00-0280	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	121.98	
32 93 43 00-0281	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	330.80	
32 93 43 00-0282	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	930.38	
32 93 43 00-0283	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,377.62	
32 93 43 00-0284	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	28.94	
32 93 43 00-0285	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	121.98	
32 93 43 00-0286	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	330.80	
32 93 43 00-0287	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	930.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0288	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,377.62	
32 93 43 00-0289	EA	15 Gallon Macadamia integrifolia - Smoothshell macadamia	177.38	
32 93 43 00-0290	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	60.45	
32 93 43 00-0291	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	90.67	
32 93 43 00-0292	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	113.34	
32 93 43 00-0293	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	141.16	
32 93 43 00-0294	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	239.22	
32 93 43 00-0295	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	318.96	
32 93 43 00-0296	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	414.64	
32 93 43 00-0297	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	462.49	
32 93 43 00-0298	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	621.97	
32 93 43 00-0299	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	558.17	
32 93 43 00-0300	EA	6' Magnolia grandiflora 'St. Mary's'	464.96	
32 93 43 00-0301	EA	8' Magnolia grandiflora 'St. Mary's'	821.42	
32 93 43 00-0302	EA	10' Magnolia grandiflora 'St. Mary's'	1,032.20	
32 93 43 00-0303	EA	12' Magnolia grandiflora 'St. Mary's'	1,239.88	
32 93 43 00-0304	EA	14' Magnolia grandiflora 'St. Mary's'	1,441.36	
32 93 43 00-0305	EA	16' Magnolia grandiflora 'St. Mary's'	1,704.84	
32 93 43 00-0306	EA	24" Box Magnolia grandiflora 'St. Mary's'	511.45	
32 93 43 00-0307	EA	6' Magnolia grandiflora - Southern Magnolia	229.38	
32 93 43 00-0308	EA	7' Magnolia grandiflora - Southern Magnolia	347.17	
32 93 43 00-0309	EA	8' Magnolia grandiflora - Southern Magnolia	486.65	
32 93 43 00-0310	EA	9' Magnolia grandiflora - Southern Magnolia	647.84	
32 93 43 00-0311	EA	10' Magnolia grandiflora - Southern Magnolia	985.70	
32 93 43 00-0312	EA	24" Box Magnolia grandiflora - Southern Magnolia	402.96	
32 93 43 00-0313	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	239.22	
32 93 43 00-0314	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	318.96	
32 93 43 00-0315	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	414.64	
32 93 43 00-0316	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	462.49	
32 93 43 00-0317	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	558.17	
32 93 43 00-0318	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	621.97	
32 93 43 00-0319	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	239.22	
32 93 43 00-0320	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	318.96	
32 93 43 00-0321	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	414.64	
32 93 43 00-0322	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	462.49	
32 93 43 00-0323	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	558.17	
32 93 43 00-0324	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	621.97	
32 93 43 00-0325	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	239.22	
32 93 43 00-0326	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	318.96	
32 93 43 00-0327	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	414.64	
32 93 43 00-0328	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	462.49	
32 93 43 00-0329	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	558.17	
32 93 43 00-0330	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	621.97	
32 93 43 00-0331	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	239.22	
32 93 43 00-0332	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	318.96	
32 93 43 00-0333	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	414.64	
32 93 43 00-0334	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	462.49	
32 93 43 00-0335	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	558.17	
32 93 43 00-0336	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	621.97	
32 93 43 00-0337	EA	5 Gallon Malus - Crabapple	64.76	
32 93 43 00-0338	EA	15 Gallon Malus - Crabapple	165.15	
32 93 43 00-0339	EA	20 Gallon Malus - Crabapple	194.29	
32 93 43 00-0340	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	191.37	
32 93 43 00-0341	EA	2" Caliper Malus cvs - Crabapple Varieties	255.17	
32 93 43 00-0342	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	318.96	
32 93 43 00-0343	EA	3" Caliper Malus cvs - Crabapple Varieties	382.75	
32 93 43 00-0344	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	446.54	
32 93 43 00-0345	EA	4" Caliper Malus cvs - Crabapple Varieties	510.33	
32 93 43 00-0346	EA	6' Clump Form Malus cvs - Crabapple Varieties	287.06	
32 93 43 00-0347	EA	7' Clump Form Malus cvs - Crabapple Varieties	318.96	
32 93 43 00-0348	EA	8' Clump Form Malus cvs - Crabapple Varieties	398.70	
32 93 43 00-0349	EA	10' Clump Form Malus cvs - Crabapple Varieties	446.54	
32 93 43 00-0350	EA	12' Clump Form Malus cvs - Crabapple Varieties	574.12	
32 93 43 00-0351	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	318.96	
32 93 43 00-0352	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	398.70	
32 93 43 00-0353	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	239.22	
32 93 43 00-0354	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	303.01	
32 93 43 00-0355	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	366.80	
32 93 43 00-0356	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	414.64	
32 93 43 00-0357	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	462.49	
32 93 43 00-0358	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	510.33	
32 93 43 00-0359	EA	1 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	6.80	
32 93 43 00-0360	EA	5 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	32.52	
32 93 43 00-0361	EA	15 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	56.17	
32 93 43 00-0362	EA	15 Gallon Melia azedarach - China Berry	67.39	
32 93 43 00-0363	EA	24" Box Melia azedarach - China Berry	222.30	
32 93 43 00-0364	EA	4' To 5' Oxydendrum arboreum - Sourwood	146.32	
32 93 43 00-0365	EA	5' To 6' Oxydendrum arboreum - Sourwood	182.90	
32 93 43 00-0366	EA	6' To 7' Oxydendrum arboreum - Sourwood	219.48	
32 93 43 00-0367	EA	7' To 8' Oxydendrum arboreum - Sourwood	256.06	
32 93 43 00-0368	EA	1 Gallon Pittosporum undulatum - Victorian Box	25.22	
32 93 43 00-0369	EA	5 Gallon Pittosporum undulatum - Victorian Box	54.31	
32 93 43 00-0370	EA	15 Gallon Pittosporum undulatum - Victorian Box	306.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0371	EA	24" Box Pittosporum undulatum - Victorian Box	737.09	
32 93 43 00-0372	EA	36" Box Pittosporum undulatum - Victorian Box	2,133.67	
32 93 43 00-0373	EA	48" Box Pittosporum undulatum - Victorian Box	4,849.25	
32 93 43 00-0374	EA	5 Gallon Platanus Racemosa - California Sycamore	21.29	
32 93 43 00-0375	EA	15 Gallon Platanus Racemosa - California Sycamore	57.94	
32 93 43 00-0376	EA	24" Box Platanus Racemosa - California Sycamore	189.20	
32 93 43 00-0377	EA	36" Box Platanus Racemosa - California Sycamore	532.13	
32 93 43 00-0378	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	6.82	
32 93 43 00-0379	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	28.89	
32 93 43 00-0380	EA	20 Gallon Prunus subhirtella - Flowering Cherry	394.55	
32 93 43 00-0381	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	407.84	
32 93 43 00-0382	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	509.75	
32 93 43 00-0383	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	1,063.80	
32 93 43 00-0384	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	819.90	
32 93 43 00-0385	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	1,595.70	
32 93 43 00-0386	EA	4' To 6' Prunus - Pigeon Plum	161.32	
32 93 43 00-0387	EA	8' To 10' Prunus - Pigeon Plum	548.49	
32 93 43 00-0388	EA	10' To 12' Prunus - Pigeon Plum	696.90	
32 93 43 00-0389	EA	14' To 16' Prunus - Pigeon Plum	1,096.98	
32 93 43 00-0390	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	101.91	
32 93 43 00-0391	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	279.14	
32 93 43 00-0392	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	363.53	
32 93 43 00-0393	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	115.20	
32 93 43 00-0394	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	221.54	
32 93 43 00-0395	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	407.84	
32 93 43 00-0396	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	487.59	
32 93 43 00-0397	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	319.23	
32 93 43 00-0398	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	265.84	
32 93 43 00-0399	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	389.90	
32 93 43 00-0400	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	465.44	
32 93 43 00-0401	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	598.36	
32 93 43 00-0402	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	230.61	
32 93 43 00-0403	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	354.67	
32 93 43 00-0404	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	434.21	
32 93 43 00-0405	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	554.05	
32 93 43 00-0406	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	308.04	
32 93 43 00-0407	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	385.05	
32 93 43 00-0408	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	400.45	
32 93 43 00-0409	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	477.46	
32 93 43 00-0410	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	646.89	
32 93 43 00-0411	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	847.12	
32 93 43 00-0412	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	1,078.14	
32 93 43 00-0413	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	308.04	
32 93 43 00-0414	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	385.05	
32 93 43 00-0415	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	261.84	
32 93 43 00-0416	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	400.45	
32 93 43 00-0417	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	477.05	
32 93 43 00-0418	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	646.89	
32 93 43 00-0419	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	847.12	
32 93 43 00-0420	EA	5 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	26.28	
32 93 43 00-0421	EA	15 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	68.32	
32 93 43 00-0422	EA	24" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	236.50	
32 93 43 00-0423	EA	36" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	630.67	
32 93 43 00-0424	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	561.11	
32 93 43 00-0425	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	701.39	
32 93 43 00-0426	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	869.73	
32 93 43 00-0427	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	981.95	
32 93 43 00-0428	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	1,094.17	
32 93 43 00-0429	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,402.78	
32 93 43 00-0430	EA	5 Gallon Quercus kelloggii - California Black Oak	53.21	
32 93 43 00-0431	EA	15 Gallon Quercus kelloggii - California Black Oak	94.60	
32 93 43 00-0432	EA	1 Gallon Quercus lobata - Valley Oak	10.63	
32 93 43 00-0433	EA	5 Gallon Quercus lobata - Valley Oak	31.92	
32 93 43 00-0434	EA	15 Gallon Quercus lobata - Valley Oak	95.77	
32 93 43 00-0435	EA	1 Gallon Ribes aureum - Golden Current	5.97	
32 93 43 00-0436	EA	5 Gallon Ribes aureum - Golden Current	17.07	
32 93 43 00-0437	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	5.97	
32 93 43 00-0438	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	17.07	
32 93 43 00-0439	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	5.97	
32 93 43 00-0440	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	17.07	
32 93 43 00-0441	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	426.43	
32 93 43 00-0442	EA	2" Caliper Sophora japonica - Japanese Pagoda	479.73	
32 93 43 00-0443	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	559.69	
32 93 43 00-0444	EA	3" Caliper Sophora japonica - Japanese Pagoda	818.59	
32 93 43 00-0445	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	1,237.40	
32 93 43 00-0446	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	318.96	
32 93 43 00-0447	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	398.70	
32 93 43 00-0448	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	494.38	
32 93 43 00-0449	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	606.02	
32 93 43 00-0450	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	733.60	
32 93 43 00-0451	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	877.13	
32 93 43 00-0452	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	414.64	
32 93 43 00-0453	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	446.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0454	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	542.23	
32 93 43 00-0455	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	255.17	
32 93 43 00-0456	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	303.01	
32 93 43 00-0457	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	350.85	
32 93 43 00-0458	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	398.70	
32 93 43 00-0459	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	462.49	
32 93 43 00-0460	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	590.07	
32 93 43 00-0461	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	669.81	
32 93 43 00-0462	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	765.50	
32 93 43 00-0463	EA	6' Prunus cerasifera - Purple Leaf Plum	241.78	
32 93 43 00-0464	EA	8' Prunus cerasifera - Purple Leaf Plum	278.97	
32 93 43 00-0465	EA	10' Prunus cerasifera - Purple Leaf Plum	359.57	
32 93 43 00-0466	EA	24" Box Prunus cerasifera - Purple Leaf Plum	382.81	
32 93 43 00-0467	EA	30" Box Prunus cerasifera - Purple Leaf Plum	774.92	
32 93 43 00-0468	EA	36" Box Prunus cerasifera - Purple Leaf Plum	1,188.74	
32 93 43 00-0469	EA	6' Pittosporum phillyraeoides - Willow Pittorporum	505.25	
32 93 43 00-0470	EA	8' Pittosporum phillyraeoides - Willow Pittorporum	722.23	
32 93 43 00-0471	EA	10' Pittosporum phillyraeoides - Willow Pittorporum	864.82	
32 93 43 00-0472	EA	12' Pittosporum phillyraeoides - Willow Pittorporum	1,115.89	
32 93 43 00-0473	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	806.96	
32 93 43 00-0474	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	220.08	
32 93 43 00-0475	EA	6' Stenocarpus sinuatus - Firewheel Tree	743.93	
32 93 43 00-0476	EA	8' Stenocarpus sinuatus - Firewheel Tree	991.90	
32 93 43 00-0477	EA	10" Stenocarpus sinuatus - Firewheel Tree	1,239.88	
32 93 43 00-0478	EA	12' Stenocarpus sinuatus - Firewheel Tree	1,487.86	
32 93 43 00-0479	EA	24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	737.09	
32 93 43 00-0480	EA	36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	2,133.67	
32 93 43 00-0481	EA	2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	672.63	
32 93 43 00-0482	EA	1-1/2" Caliper Tipuana tipu - Tipu Tree	480.45	
32 93 43 00-0483	EA	2" Caliper Tipuana tipu - Tipu Tree	626.14	
32 93 43 00-0484	EA	2-1/2" Caliper Tipuana tipu - Tipu Tree	793.52	
32 93 43 00-0485	EA	3" Caliper Tipuana tipu - Tipu Tree	914.41	
32 93 43 00-0486	EA	3-1/2" Caliper Tipuana tipu - Tipu Tree	1,345.27	
32 93 43 00-0487	EA	4" Caliper Tipuana tipu - Tipu Tree	1,797.83	
32 93 43 00-0488	EA	1 Gallon Tipuana tipu - Tipu Tree	7.69	
32 93 43 00-0489	EA	5 Gallon Tipuana tipu - Tipu Tree	21.29	
32 93 43 00-0490	EA	15 Gallon Tipuana tipu - Tipu Tree	69.77	
32 93 43 00-0491	EA	24" Box Tipuana tipu - Tipu Tree	362.66	

32 93 43 00-0492 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0493	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	244.39	
32 93 43 00-0494	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	299.57	
32 93 43 00-0495	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	390.23	
32 93 43 00-0496	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	505.85	
32 93 43 00-0497	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	25.78	
32 93 43 00-0498	EA	4' To 5' Acer palmatum - Japanese Maple	54.13	
32 93 43 00-0499	EA	5' To 6' Acer palmatum - Japanese Maple	70.88	
32 93 43 00-0500	EA	6' To 7' Acer palmatum - Japanese Maple	128.88	
32 93 43 00-0501	EA	7' To 8' Acer palmatum - Japanese Maple	180.43	
32 93 43 00-0502	EA	8' To 10' Acer palmatum - Japanese Maple	231.99	
32 93 43 00-0503	EA	10' To 12' Acer palmatum - Japanese Maple	309.32	
32 93 43 00-0504	EA	2" Caliper Acer platanoides & cvs - Norway Maple	131.39	
32 93 43 00-0505	EA	2" Caliper Acer platanoides & cvs - Norway Maple	159.95	
32 93 43 00-0506	EA	3" Caliper Acer platanoides & cvs - Norway Maple	205.65	
32 93 43 00-0507	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	239.93	
32 93 43 00-0508	EA	4" Caliper Acer platanoides & cvs - Norway Maple	257.07	
32 93 43 00-0509	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	279.92	
32 93 43 00-0510	EA	5" Caliper Acer platanoides & cvs - Norway Maple	314.19	
32 93 43 00-0511	EA	2" Caliper Acer rubrum & cvs - Red Maple	125.68	
32 93 43 00-0512	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	159.95	
32 93 43 00-0513	EA	3" Caliper Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0514	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	251.35	
32 93 43 00-0515	EA	4" Caliper Acer rubrum & cvs - Red Maple	285.63	
32 93 43 00-0516	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	331.33	
32 93 43 00-0517	EA	5" Caliper Acer rubrum & cvs - Red Maple	371.32	
32 93 43 00-0518	EA	8' Clump Form Acer rubrum & cvs - Red Maple	154.24	
32 93 43 00-0519	EA	10' Clump Form Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0520	EA	12' Clump Form Acer rubrum & cvs - Red Maple	239.93	
32 93 43 00-0521	EA	14' Clump Form Acer rubrum & cvs - Red Maple	274.21	
32 93 43 00-0522	EA	16' Clump Form Acer rubrum & cvs - Red Maple	308.48	
32 93 43 00-0523	EA	18' Clump Form Acer rubrum & cvs - Red Maple	342.76	
32 93 43 00-0524	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	102.83	
32 93 43 00-0525	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	137.10	
32 93 43 00-0526	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	171.38	
32 93 43 00-0527	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	205.65	
32 93 43 00-0528	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	239.93	
32 93 43 00-0529	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	274.21	
32 93 43 00-0530	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	308.48	
32 93 43 00-0531	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	125.68	
32 93 43 00-0532	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	165.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0533	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	199.94	
32 93 43 00-0534	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	228.50	
32 93 43 00-0535	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	268.49	
32 93 43 00-0536	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	308.48	
32 93 43 00-0537	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	342.76	
32 93 43 00-0538	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	228.50	
32 93 43 00-0539	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	268.49	
32 93 43 00-0540	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	314.19	
32 93 43 00-0541	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	348.47	
32 93 43 00-0542	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	422.73	
32 93 43 00-0543	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	457.01	
32 93 43 00-0544	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	142.82	
32 93 43 00-0545	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	177.09	
32 93 43 00-0546	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	217.08	
32 93 43 00-0547	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	251.35	
32 93 43 00-0548	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	274.21	
32 93 43 00-0549	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	302.77	
32 93 43 00-0550	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	337.04	
32 93 43 00-0551	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	205.65	
32 93 43 00-0552	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	271.92	
32 93 43 00-0553	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	316.48	
32 93 43 00-0554	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	348.47	
32 93 43 00-0555	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	422.73	
32 93 43 00-0556	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	457.01	
32 93 43 00-0557	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	199.94	
32 93 43 00-0558	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	222.79	
32 93 43 00-0559	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	251.35	
32 93 43 00-0560	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	285.63	
32 93 43 00-0561	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	342.76	
32 93 43 00-0562	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	199.94	
32 93 43 00-0563	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	222.79	
32 93 43 00-0564	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	251.35	
32 93 43 00-0565	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	285.63	
32 93 43 00-0566	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	342.76	
32 93 43 00-0567	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	142.82	
32 93 43 00-0568	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	165.67	
32 93 43 00-0569	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	188.52	
32 93 43 00-0570	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	217.08	
32 93 43 00-0571	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	148.53	
32 93 43 00-0572	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	182.80	
32 93 43 00-0573	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	205.65	
32 93 43 00-0574	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	228.50	
32 93 43 00-0575	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	257.07	
32 93 43 00-0576	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	285.63	
32 93 43 00-0577	EA	2" Caliper Betula nigra - River Birch	142.82	
32 93 43 00-0578	EA	2-1/2" Caliper Betula nigra - River Birch	161.72	
32 93 43 00-0579	EA	3" Caliper Betula nigra - River Birch	182.80	
32 93 43 00-0580	EA	3-1/2" Caliper Betula nigra - River Birch	228.50	
32 93 43 00-0581	EA	4" Caliper Betula nigra - River Birch	257.07	
32 93 43 00-0582	EA	4-1/2" Caliper Betula nigra - River Birch	285.63	
32 93 43 00-0583	EA	5" Caliper Betula nigra - River Birch	314.19	
32 93 43 00-0584	EA	8' Clump Form Betula nigra - River Birch	131.39	
32 93 43 00-0585	EA	10' Clump Form Betula nigra - River Birch	148.53	
32 93 43 00-0586	EA	12' Clump Form Betula nigra - River Birch	171.38	
32 93 43 00-0587	EA	14' Clump Form Betula nigra - River Birch	199.94	
32 93 43 00-0588	EA	16' Clump Form Betula nigra - River Birch	228.50	
32 93 43 00-0589	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	171.38	
32 93 43 00-0590	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	205.65	
32 93 43 00-0591	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	239.93	
32 93 43 00-0592	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	285.63	
32 93 43 00-0593	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	297.06	
32 93 43 00-0594	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	228.50	
32 93 43 00-0595	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	257.07	
32 93 43 00-0596	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	297.06	
32 93 43 00-0597	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	359.89	
32 93 43 00-0598	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	102.83	
32 93 43 00-0599	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	142.82	
32 93 43 00-0600	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	177.09	
32 93 43 00-0601	EA	2" Caliper Catalpa speciosa - Western Catalpa	125.68	
32 93 43 00-0602	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	171.38	
32 93 43 00-0603	EA	3" Caliper Catalpa speciosa - Western Catalpa	222.79	
32 93 43 00-0604	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	268.49	
32 93 43 00-0605	EA	4" Caliper Catalpa speciosa - Western Catalpa	308.48	
32 93 43 00-0606	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	159.95	
32 93 43 00-0607	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	182.80	
32 93 43 00-0608	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	222.79	
32 93 43 00-0609	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	262.78	
32 93 43 00-0610	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	302.77	
32 93 43 00-0611	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	342.76	
32 93 43 00-0612	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	199.94	
32 93 43 00-0613	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	228.50	
32 93 43 00-0614	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	268.49	
32 93 43 00-0615	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	319.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0616	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	159.95	
32 93 43 00-0617	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	188.52	
32 93 43 00-0618	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	228.50	
32 93 43 00-0619	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	285.63	
32 93 43 00-0620	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	342.76	
32 93 43 00-0621	EA	2" Caliper Cladrastus lutea - American Yellowwood	285.63	
32 93 43 00-0622	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	342.76	
32 93 43 00-0623	EA	3" Caliper Cladrastus lutea - American Yellowwood	399.88	
32 93 43 00-0624	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	457.01	
32 93 43 00-0625	EA	2" Caliper Corylus colurna - Turkish Filbert	177.09	
32 93 43 00-0626	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	199.94	
32 93 43 00-0627	EA	3" Caliper Corylus colurna - Turkish Filbert	228.50	
32 93 43 00-0628	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	262.78	
32 93 43 00-0629	EA	4" Caliper Corylus colurna - Turkish Filbert	314.19	
32 93 43 00-0630	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	365.61	
32 93 43 00-0631	EA	5" Caliper Corylus colurna - Turkish Filbert	417.02	
32 93 43 00-0632	EA	8' Clump Form Corylus colurna - Turkish Filbert	159.95	
32 93 43 00-0633	EA	10' Clump Form Corylus colurna - Turkish Filbert	194.23	
32 93 43 00-0634	EA	12' Clump Form Corylus colurna - Turkish Filbert	228.50	
32 93 43 00-0635	EA	14' Clump Form Corylus colurna - Turkish Filbert	257.07	
32 93 43 00-0636	EA	16' Clump Form Corylus colurna - Turkish Filbert	285.63	
32 93 43 00-0637	EA	1-1/2" Caliper Diospyros - Persimmon	102.83	
32 93 43 00-0638	EA	2" Caliper Diospyros - Persimmon	125.68	
32 93 43 00-0639	EA	2-1/2" Caliper Diospyros - Persimmon	159.95	
32 93 43 00-0640	EA	3" Caliper Diospyros - Persimmon	199.94	
32 93 43 00-0641	EA	3-1/2" Caliper Diospyros - Persimmon	239.93	
32 93 43 00-0642	EA	1-1/2" Caliper Fagus grandifolia - American Beech	228.50	
32 93 43 00-0643	EA	2" Caliper Fagus grandifolia - American Beech	297.06	
32 93 43 00-0644	EA	2-1/2" Caliper Fagus grandifolia - American Beech	377.03	
32 93 43 00-0645	EA	3" Caliper Fagus grandifolia - American Beech	457.01	
32 93 43 00-0646	EA	3-1/2" Caliper Fagus grandifolia - American Beech	542.70	
32 93 43 00-0647	EA	2" Caliper Fagus sylvatica & cvs - European Beech	257.07	
32 93 43 00-0648	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	308.48	
32 93 43 00-0649	EA	3" Caliper Fagus sylvatica & cvs - European Beech	371.32	
32 93 43 00-0650	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	411.31	
32 93 43 00-0651	EA	4" Caliper Fagus sylvatica & cvs - European Beech	485.57	
32 93 43 00-0652	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	628.39	
32 93 43 00-0653	EA	5" Caliper Fagus sylvatica & cvs - European Beech	742.64	
32 93 43 00-0654	EA	2" Caliper Fraxinus americana & cvs - White Ash	142.82	
32 93 43 00-0655	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	171.38	
32 93 43 00-0656	EA	3" Caliper Fraxinus americana & cvs - White Ash	217.08	
32 93 43 00-0657	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	262.78	
32 93 43 00-0658	EA	4" Caliper Fraxinus americana & cvs - White Ash	308.48	
32 93 43 00-0659	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	342.76	
32 93 43 00-0660	EA	5" Caliper Fraxinus americana & cvs - White Ash	399.88	
32 93 43 00-0661	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	125.68	
32 93 43 00-0662	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	148.53	
32 93 43 00-0663	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	199.94	
32 93 43 00-0664	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	239.93	
32 93 43 00-0665	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	285.63	
32 93 43 00-0666	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	308.48	
32 93 43 00-0667	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	342.76	
32 93 43 00-0668	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	171.38	
32 93 43 00-0669	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	211.37	
32 93 43 00-0670	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	257.07	
32 93 43 00-0671	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	314.19	
32 93 43 00-0672	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	371.32	
32 93 43 00-0673	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	199.94	
32 93 43 00-0674	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	222.79	
32 93 43 00-0675	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	251.35	
32 93 43 00-0676	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	279.92	
32 93 43 00-0677	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	314.19	
32 93 43 00-0678	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	342.76	
32 93 43 00-0679	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	514.13	
32 93 43 00-0680	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	571.26	
32 93 43 00-0681	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	137.10	
32 93 43 00-0682	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	171.38	
32 93 43 00-0683	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	205.65	
32 93 43 00-0684	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	239.93	
32 93 43 00-0685	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	274.21	
32 93 43 00-0686	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	308.48	
32 93 43 00-0687	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	365.61	
32 93 43 00-0688	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	72.26	
32 93 43 00-0689	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	85.40	
32 93 43 00-0690	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	118.25	
32 93 43 00-0691	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	153.73	
32 93 43 00-0692	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	170.81	
32 93 43 00-0693	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	202.34	
32 93 43 00-0694	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	177.09	
32 93 43 00-0695	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	217.08	
32 93 43 00-0696	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	257.07	
32 93 43 00-0697	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	302.77	
32 93 43 00-0698	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	342.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0699	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	382.74	
32 93 43 00-0700	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	428.45	
32 93 43 00-0701	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree	88.41	
32 93 43 00-0702	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree	108.30	
32 93 43 00-0703	EA	2-1/2' To 3" Caliper Zelkova serrata - Japanese Keaki Tree	137.22	
32 93 43 00-0704	EA	1-1/2" Caliper Juglans cinerea - Butternut	137.10	
32 93 43 00-0705	EA	2" Caliper Juglans cinerea - Butternut	159.95	
32 93 43 00-0706	EA	2-1/2" Caliper Juglans cinerea - Butternut	199.94	
32 93 43 00-0707	EA	3" Caliper Juglans cinerea - Butternut	251.35	
32 93 43 00-0708	EA	3-1/2" Caliper Juglans cinerea - Butternut	308.48	
32 93 43 00-0709	EA	1-1/2" Caliper Juglans californica - California Walnut	137.10	
32 93 43 00-0710	EA	2" Caliper Juglans californica - California Walnut	159.95	
32 93 43 00-0711	EA	2-1/2" Caliper Juglans californica - California Walnut	199.94	
32 93 43 00-0712	EA	3" Caliper Juglans californica - California Walnut	251.35	
32 93 43 00-0713	EA	3-1/2" Caliper Juglans californica - California Walnut	308.48	
32 93 43 00-0714	EA	4" Caliper Juglans californica - California Walnut	371.32	
32 93 43 00-0715	EA	4-1/2" Caliper Juglans californica - California Walnut	428.45	
32 93 43 00-0716	EA	5" Caliper Juglans californica - California Walnut	485.57	
32 93 43 00-0717	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	15.47	
32 93 43 00-0718	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	38.66	
32 93 43 00-0719	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	77.33	
32 93 43 00-0720	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	100.53	
32 93 43 00-0721	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	73.46	
32 93 43 00-0722	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	88.93	
32 93 43 00-0723	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	123.73	
32 93 43 00-0724	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	182.80	
32 93 43 00-0725	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	228.50	
32 93 43 00-0726	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	285.63	
32 93 43 00-0727	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	342.76	
32 93 43 00-0728	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	399.88	
32 93 43 00-0729	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	182.80	
32 93 43 00-0730	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	251.35	
32 93 43 00-0731	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0732	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	342.76	
32 93 43 00-0733	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	388.46	
32 93 43 00-0734	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	137.10	
32 93 43 00-0735	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	245.64	
32 93 43 00-0736	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0737	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	182.80	
32 93 43 00-0738	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	228.50	
32 93 43 00-0739	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	285.63	
32 93 43 00-0740	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	342.76	
32 93 43 00-0741	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	399.88	
32 93 43 00-0742	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	79.98	
32 93 43 00-0743	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	91.40	
32 93 43 00-0744	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	108.54	
32 93 43 00-0745	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	137.10	
32 93 43 00-0746	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	171.38	
32 93 43 00-0747	EA	2" Caliper Ostrya virginiana - American Hophornbeam	148.53	
32 93 43 00-0748	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	188.52	
32 93 43 00-0749	EA	3" Caliper Ostrya virginiana - American Hophornbeam	228.50	
32 93 43 00-0750	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	268.49	
32 93 43 00-0751	EA	4" Caliper Ostrya virginiana - American Hophornbeam	325.62	
32 93 43 00-0752	EA	2" Caliper Phellodendron amurense - Amur Corktree	114.25	
32 93 43 00-0753	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	142.82	
32 93 43 00-0754	EA	3" Caliper Phellodendron amurense - Amur Corktree	171.38	
32 93 43 00-0755	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	199.94	
32 93 43 00-0756	EA	4" Caliper Phellodendron amurense - Amur Corktree	228.50	
32 93 43 00-0757	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	257.07	
32 93 43 00-0758	EA	5" Caliper Phellodendron amurense - Amur Corktree	285.63	
32 93 43 00-0759	EA	1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane	341.12	
32 93 43 00-0760	EA	2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	608.89	
32 93 43 00-0761	EA	2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane	891.32	
32 93 43 00-0762	EA	3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,107.74	
32 93 43 00-0763	EA	3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,434.19	
32 93 43 00-0764	EA	4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,632.26	
32 93 43 00-0765	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	429.16	
32 93 43 00-0766	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	248.18	
32 93 43 00-0767	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	361.00	
32 93 43 00-0768	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	537.01	
32 93 43 00-0769	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	83.04	
32 93 43 00-0770	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.28	
32 93 43 00-0771	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	135.37	
32 93 43 00-0772	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	164.28	
32 93 43 00-0773	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	68.32	
32 93 43 00-0774	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	85.40	
32 93 43 00-0775	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	151.10	
32 93 43 00-0776	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	216.79	
32 93 43 00-0777	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	137.10	
32 93 43 00-0778	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	165.67	
32 93 43 00-0779	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	199.94	
32 93 43 00-0780	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	239.93	
32 93 43 00-0781	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	285.63	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0782	EA	2" Caliper Populus alba & cvs - White Poplar	137.10	
32 93 43 00-0783	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	159.95	
32 93 43 00-0784	EA	3" Caliper Populus alba & cvs - White Poplar	182.80	
32 93 43 00-0785	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	217.08	
32 93 43 00-0786	EA	4" Caliper Populus alba & cvs - White Poplar	239.93	
32 93 43 00-0787	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	274.21	
32 93 43 00-0788	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	125.68	
32 93 43 00-0789	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	165.67	
32 93 43 00-0790	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	199.94	
32 93 43 00-0791	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	239.93	
32 93 43 00-0792	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	285.63	
32 93 43 00-0793	EA	1 Gallon Quercus agrifolia - Coast Live Oak	11.71	
32 93 43 00-0794	EA	5 Gallon Quercus agrifolia - Coast Live Oak	28.97	
32 93 43 00-0795	EA	15 Gallon Quercus agrifolia - Coast Live Oak	93.42	
32 93 43 00-0796	EA	24" Box Quercus agrifolia - Coast Live Oak	283.80	
32 93 43 00-0797	EA	6' To 8' Quercus acutissima - Sawtooth Oak	42.96	
32 93 43 00-0798	EA	8' To 10' Quercus acutissima - Sawtooth Oak	64.44	
32 93 43 00-0799	EA	10' To 12' Quercus acutissima - Sawtooth Oak	75.18	
32 93 43 00-0800	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	85.92	
32 93 43 00-0801	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	96.66	
32 93 43 00-0802	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	340.25	
32 93 43 00-0803	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	458.55	
32 93 43 00-0804	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	620.16	
32 93 43 00-0805	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	827.76	
32 93 43 00-0806	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	998.56	
32 93 43 00-0807	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	1,103.68	
32 93 43 00-0808	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,484.71	
32 93 43 00-0809	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak	1,865.74	
32 93 43 00-0810	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	2,246.77	
32 93 43 00-0811	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	2,726.34	
32 93 43 00-0812	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	3,205.92	
32 93 43 00-0813	EA	2" Caliper Quercus alba - White Oak	171.38	
32 93 43 00-0814	EA	2-1/2" Caliper Quercus alba - White Oak	199.94	
32 93 43 00-0815	EA	3" Caliper Quercus alba - White Oak	251.35	
32 93 43 00-0816	EA	3-1/2" Caliper Quercus alba - White Oak	314.19	
32 93 43 00-0817	EA	4" Caliper Quercus alba - White Oak	371.32	
32 93 43 00-0818	EA	4-1/2" Caliper Quercus alba - White Oak	457.01	
32 93 43 00-0819	EA	5" Caliper Quercus alba - White Oak	542.70	
32 93 43 00-0820	EA	2" Caliper Quercus bicolor - Swamp White Oak	199.94	
32 93 43 00-0821	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	228.50	
32 93 43 00-0822	EA	3" Caliper Quercus bicolor - Swamp White Oak	262.78	
32 93 43 00-0823	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	291.34	
32 93 43 00-0824	EA	4" Caliper Quercus bicolor - Swamp White Oak	331.33	
32 93 43 00-0825	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	365.61	
32 93 43 00-0826	EA	5" Caliper Quercus bicolor - Swamp White Oak	411.31	
32 93 43 00-0827	EA	10' Clump Form Quercus bicolor - Swamp White Oak	285.63	
32 93 43 00-0828	EA	12' Clump Form Quercus bicolor - Swamp White Oak	342.76	
32 93 43 00-0829	EA	14' Clump Form Quercus bicolor - Swamp White Oak	399.88	
32 93 43 00-0830	EA	16' Clump Form Quercus bicolor - Swamp White Oak	457.01	
32 93 43 00-0831	EA	2" Caliper Quercus coccinea - Scarlet Oak	148.53	
32 93 43 00-0832	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	188.52	
32 93 43 00-0833	EA	3" Caliper Quercus coccinea - Scarlet Oak	234.22	
32 93 43 00-0834	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	285.63	
32 93 43 00-0835	EA	4" Caliper Quercus coccinea - Scarlet Oak	342.76	
32 93 43 00-0836	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	405.60	
32 93 43 00-0837	EA	5" Caliper Quercus coccinea - Scarlet Oak	474.15	
32 93 43 00-0838	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	148.53	
32 93 43 00-0839	EA	2" Caliper Quercus imbricaria - Shingle Oak	199.94	
32 93 43 00-0840	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	268.49	
32 93 43 00-0841	EA	3" Caliper Quercus imbricaria - Shingle Oak	399.88	
32 93 43 00-0842	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	542.70	
32 93 43 00-0843	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	148.53	
32 93 43 00-0844	EA	2" Caliper Quercus macrocarpa - Bur Oak	177.09	
32 93 43 00-0845	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	211.37	
32 93 43 00-0846	EA	3" Caliper Quercus macrocarpa - Bur Oak	257.07	
32 93 43 00-0847	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	314.19	
32 93 43 00-0848	EA	4" Caliper Quercus macrocarpa - Bur Oak	371.32	
32 93 43 00-0849	EA	9' Clump Form Quercus macrocarpa - Bur Oak	342.76	
32 93 43 00-0850	EA	10' Clump Form Quercus macrocarpa - Bur Oak	399.88	
32 93 43 00-0851	EA	12' Clump Form Quercus macrocarpa - Bur Oak	457.01	
32 93 43 00-0852	EA	2" Caliper Quercus palustris - Pin Oak	125.68	
32 93 43 00-0853	EA	2-1/2" Caliper Quercus palustris - Pin Oak	171.38	
32 93 43 00-0854	EA	3" Caliper Quercus palustris - Pin Oak	222.79	
32 93 43 00-0855	EA	3-1/2" Caliper Quercus palustris - Pin Oak	257.07	
32 93 43 00-0856	EA	4" Caliper Quercus palustris - Pin Oak	297.06	
32 93 43 00-0857	EA	4-1/2" Caliper Quercus palustris - Pin Oak	337.04	
32 93 43 00-0858	EA	5" Caliper Quercus palustris - Pin Oak	371.32	
32 93 43 00-0859	EA	2" Caliper Quercus robur & cvs - English Oak	148.53	
32 93 43 00-0860	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	182.80	
32 93 43 00-0861	EA	3" Caliper Quercus robur & cvs - English Oak	217.08	
32 93 43 00-0862	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	257.07	
32 93 43 00-0863	EA	4" Caliper Quercus robur & cvs - English Oak	297.06	
32 93 43 00-0864	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	342.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0865	EA	5" Caliper Quercus robur & cvs - English Oak	388.46	
32 93 43 00-0866	EA	2" Caliper Quercus rubra - Red Oak	171.38	
32 93 43 00-0867	EA	2-1/2" Caliper Quercus rubra - Red Oak	199.94	
32 93 43 00-0868	EA	3" Caliper Quercus rubra - Red Oak	239.93	
32 93 43 00-0869	EA	3-1/2" Caliper Quercus rubra - Red Oak	285.63	
32 93 43 00-0870	EA	4" Caliper Quercus rubra - Red Oak	342.76	
32 93 43 00-0871	EA	4-1/2" Caliper Quercus rubra - Red Oak	399.88	
32 93 43 00-0872	EA	5" Caliper Quercus rubra - Red Oak	457.01	
32 93 43 00-0873	EA	16' Clump Form Quercus rubra - Red Oak	371.32	
32 93 43 00-0874	EA	18' Clump Form Quercus rubra - Red Oak	445.58	
32 93 43 00-0875	EA	20' Clump Form Quercus rubra - Red Oak	497.00	
32 93 43 00-0876	EA	2" Caliper Quercus shumardii - Shumard Oak	194.23	
32 93 43 00-0877	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	245.64	
32 93 43 00-0878	EA	3" Caliper Quercus shumardii - Shumard Oak	285.63	
32 93 43 00-0879	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	342.76	
32 93 43 00-0880	EA	4" Caliper Quercus shumardii - Shumard Oak	399.88	
32 93 43 00-0881	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	457.01	
32 93 43 00-0882	EA	5" Caliper Quercus shumardii - Shumard Oak	514.13	
32 93 43 00-0883	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	171.38	
32 93 43 00-0884	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	205.65	
32 93 43 00-0885	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	257.07	
32 93 43 00-0886	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	314.19	
32 93 43 00-0887	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	365.61	
32 93 43 00-0888	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	411.31	
32 93 43 00-0889	EA	1-1/2" Caliper Quercus suber - Cork Oak	513.52	
32 93 43 00-0890	EA	2" Caliper Quercus suber - Cork Oak	711.59	
32 93 43 00-0891	EA	2-1/2" Caliper Quercus suber - Cork Oak	909.66	
32 93 43 00-0892	EA	3" Caliper Quercus suber - Cork Oak	1,137.08	
32 93 43 00-0893	EA	3-1/2" Caliper Quercus suber - Cork Oak	1,705.62	
32 93 43 00-0894	EA	4" Caliper Quercus suber - Cork Oak	2,200.80	
32 93 43 00-0895	EA	4-1/2" Caliper Quercus suber - Cork Oak	2,861.04	
32 93 43 00-0896	EA	1-1/2" Caliper Quercus ilex - Holly Oak	568.54	
32 93 43 00-0897	EA	2" Caliper Quercus ilex - Holly Oak	766.61	
32 93 43 00-0898	EA	2-1/2" Caliper Quercus ilex - Holly Oak	939.01	
32 93 43 00-0899	EA	3" Caliper Quercus ilex - Holly Oak	1,137.08	
32 93 43 00-0900	EA	3-1/2" Caliper Quercus ilex - Holly Oak	1,705.62	
32 93 43 00-0901	EA	4" Caliper Quercus ilex - Holly Oak	2,200.80	
32 93 43 00-0902	EA	24" Box Salix babylonica - Weeping Willow	144.39	
32 93 43 00-0903	EA	36" Box Salix babylonica - Weeping Willow	361.00	
32 93 43 00-0904	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	83.04	
32 93 43 00-0905	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	99.28	
32 93 43 00-0906	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	108.30	
32 93 43 00-0907	EA	2" Caliper Salix alba & cvs - White Willow	91.40	
32 93 43 00-0908	EA	2-1/2" Caliper Salix alba & cvs - White Willow	108.54	
32 93 43 00-0909	EA	3" Caliper Salix alba & cvs - White Willow	142.82	
32 93 43 00-0910	EA	3-1/2" Caliper Salix alba & cvs - White Willow	171.38	
32 93 43 00-0911	EA	4" Caliper Salix alba & cvs - White Willow	205.65	
32 93 43 00-0912	EA	4-1/2" Caliper Salix alba & cvs - White Willow	239.93	
32 93 43 00-0913	EA	5" Caliper Salix alba & cvs - White Willow	274.21	
32 93 43 00-0914	EA	5' Clump Form Sassafras albidum - Common Sassafras	108.54	
32 93 43 00-0915	EA	6' Clump Form Sassafras albidum - Common Sassafras	131.39	
32 93 43 00-0916	EA	7' Clump Form Sassafras albidum - Common Sassafras	165.67	
32 93 43 00-0917	EA	8' Clump Form Sassafras albidum - Common Sassafras	188.52	
32 93 43 00-0918	EA	10' Clump Form Sassafras albidum - Common Sassafras	211.37	
32 93 43 00-0919	EA	12' Clump Form Sassafras albidum - Common Sassafras	257.07	
32 93 43 00-0920	EA	14' Clump Form Sassafras albidum - Common Sassafras	314.19	
32 93 43 00-0921	EA	16' Clump Form Sassafras albidum - Common Sassafras	371.32	
32 93 43 00-0922	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	189.20	
32 93 43 00-0923	EA	2" Caliper Sophora japonica - Chinese Scholar	210.22	
32 93 43 00-0924	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	282.49	
32 93 43 00-0925	EA	3" Caliper Sophora japonica - Chinese Scholar	367.89	
32 93 43 00-0926	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	427.02	
32 93 43 00-0927	EA	10' To 12' Swietenia Mahagoni - Mahogany	101.17	
32 93 43 00-0928	EA	12' To 14' Swietenia Mahagoni - Mahogany	118.25	
32 93 43 00-0929	EA	14' To 16' Swietenia Mahagoni - Mahogany	157.67	
32 93 43 00-0930	EA	16' To 18' Swietenia Mahagoni - Mahogany	177.38	
32 93 43 00-0931	EA	2" Caliper Taxodium distichum - Common Bald Cypress	142.82	
32 93 43 00-0932	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	165.67	
32 93 43 00-0933	EA	3" Caliper Taxodium distichum - Common Bald Cypress	199.94	
32 93 43 00-0934	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	228.50	
32 93 43 00-0935	EA	4" Caliper Taxodium distichum - Common Bald Cypress	251.35	
32 93 43 00-0936	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	125.68	
32 93 43 00-0937	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	142.82	
32 93 43 00-0938	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	205.65	
32 93 43 00-0939	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	228.50	
32 93 43 00-0940	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	257.07	
32 93 43 00-0941	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	297.06	
32 93 43 00-0942	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	342.76	
32 93 43 00-0943	EA	2' Thuja occidentalis - American Arborviatae	19.58	
32 93 43 00-0944	EA	2-1/2' Thuja occidentalis - American Arborviatae	21.15	
32 93 43 00-0945	EA	3' Thuja occidentalis - American Arborviatae	30.22	
32 93 43 00-0946	EA	4' Thuja occidentalis - American Arborviatae	41.52	
32 93 43 00-0947	EA	5' Thuja occidentalis - American Arborviatae	57.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0948	EA	6' Thuja occidentalis - American Arborviatae	80.15	
32 93 43 00-0949	EA	7' Thuja occidentalis - American Arborviatae	97.23	
32 93 43 00-0950	EA	8' Thuja occidentalis - American Arborviatae	136.65	
32 93 43 00-0951	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	142.82	
32 93 43 00-0952	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	165.67	
32 93 43 00-0953	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	211.37	
32 93 43 00-0954	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	245.64	
32 93 43 00-0955	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	279.92	
32 93 43 00-0956	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	314.19	
32 93 43 00-0957	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	342.76	
32 93 43 00-0958	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	182.80	
32 93 43 00-0959	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	199.94	
32 93 43 00-0960	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	228.50	
32 93 43 00-0961	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	262.78	
32 93 43 00-0962	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	143.67	
32 93 43 00-0963	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	173.55	
32 93 43 00-0964	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	199.94	
32 93 43 00-0965	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	245.64	
32 93 43 00-0966	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	279.92	
32 93 43 00-0967	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	314.19	
32 93 43 00-0968	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	348.47	
32 93 43 00-0969	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	159.95	
32 93 43 00-0970	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	177.09	
32 93 43 00-0971	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	194.23	
32 93 43 00-0972	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	217.08	
32 93 43 00-0973	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	251.35	
32 93 43 00-0974	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	297.06	
32 93 43 00-0975	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	388.46	
32 93 43 00-0976	EA	2" Caliper Tilia x euchlora - Crimean Linden	159.95	
32 93 43 00-0977	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	205.65	
32 93 43 00-0978	EA	3" Caliper Tilia x euchlora - Crimean Linden	251.35	
32 93 43 00-0979	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	285.63	
32 93 43 00-0980	EA	4" Caliper Tilia x euchlora - Crimean Linden	319.91	
32 93 43 00-0981	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	359.89	
32 93 43 00-0982	EA	5" Caliper Tilia x euchlora - Crimean Linden	388.46	
32 93 43 00-0983	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	159.95	
32 93 43 00-0984	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	182.80	
32 93 43 00-0985	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	199.94	
32 93 43 00-0986	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	217.08	
32 93 43 00-0987	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	239.93	
32 93 43 00-0988	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	285.63	
32 93 43 00-0989	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	337.04	
32 93 43 00-0990	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	182.80	
32 93 43 00-0991	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	199.94	
32 93 43 00-0992	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	217.08	
32 93 43 00-0993	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	239.93	
32 93 43 00-0994	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	285.63	
32 93 43 00-0995	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	337.04	
32 93 43 00-0996	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	388.46	
32 93 43 00-0997	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	182.80	
32 93 43 00-0998	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	199.94	
32 93 43 00-0999	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	217.08	
32 93 43 00-1000	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	239.93	
32 93 43 00-1001	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	285.63	
32 93 43 00-1002	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	337.04	
32 93 43 00-1003	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	388.46	

32 93 43 00-1004 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1005	EA	6' Abies balsamea - Balsam Fir	139.70	
32 93 43 00-1006	EA	7' Abies balsamea - Balsam Fir	174.62	
32 93 43 00-1007	EA	8' Abies balsamea - Balsam Fir	209.54	
32 93 43 00-1008	EA	9' Abies balsamea - Balsam Fir	279.39	
32 93 43 00-1009	EA	10' Abies balsamea - Balsam Fir	349.24	
32 93 43 00-1010	EA	12' Abies balsamea - Balsam Fir	419.09	
32 93 43 00-1011	EA	6' Abies concolor - White Fir	202.56	
32 93 43 00-1012	EA	7' Abies concolor - White Fir	230.50	
32 93 43 00-1013	EA	8' Abies concolor - White Fir	272.41	
32 93 43 00-1014	EA	9' Abies concolor - White Fir	314.32	
32 93 43 00-1015	EA	10' Abies concolor - White Fir	370.19	
32 93 43 00-1016	EA	12' Abies concolor - White Fir	454.01	
32 93 43 00-1017	EA	14' Abies concolor - White Fir	558.78	
32 93 43 00-1018	EA	16' Abies concolor - White Fir	628.63	
32 93 43 00-1019	EA	6' Abies fraseri - Frasier Fir	139.70	
32 93 43 00-1020	EA	7' Abies fraseri - Frasier Fir	174.62	
32 93 43 00-1021	EA	8' Abies fraseri - Frasier Fir	209.54	
32 93 43 00-1022	EA	9' Abies fraseri - Frasier Fir	279.39	
32 93 43 00-1023	EA	10' Abies fraseri - Frasier Fir	349.24	
32 93 43 00-1024	EA	12' Abies fraseri - Frasier Fir	419.09	
32 93 43 00-1025	EA	5 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	69.83	
32 93 43 00-1026	EA	15 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	484.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1027	EA	24" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	969.85	
32 93 43 00-1028	EA	36" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	2,327.64	
32 93 43 00-1029	EA	1 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	7.69	
32 93 43 00-1030	EA	5 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	28.97	
32 93 43 00-1031	EA	15 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	93.42	
32 93 43 00-1032	EA	24" Box Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	224.68	
32 93 43 00-1033	EA	5 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	21.29	
32 93 43 00-1034	EA	15 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	93.42	
32 93 43 00-1035	EA	24" Box Bauhinia blakeana - Hong Kong Orchid Tree	224.68	
32 93 43 00-1036	EA	1 Gallon Callistemon viminalis - Weeping Bottlebrush	17.46	
32 93 43 00-1037	EA	5 Gallon Callistemon viminalis - Weeping Bottlebrush	54.31	
32 93 43 00-1038	EA	15 Gallon Callistemon viminalis - Weeping Bottlebrush	190.09	
32 93 43 00-1039	EA	24" Box Callistemon viminalis - Weeping Bottlebrush	620.70	
32 93 43 00-1040	EA	36" Box Callistemon viminalis - Weeping Bottlebrush	1,745.73	
32 93 43 00-1041	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	25.16	
32 93 43 00-1042	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	40.45	
32 93 43 00-1043	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	60.09	
32 93 43 00-1044	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	80.84	
32 93 43 00-1045	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	114.77	
32 93 43 00-1046	EA	1 Gallon Cedrus deodara - Deodar Cedar	38.41	
32 93 43 00-1047	EA	5 Gallon Cedrus deodara - Deodar Cedar	69.83	
32 93 43 00-1048	EA	15 Gallon Cedrus deodara - Deodar Cedar	306.47	
32 93 43 00-1049	EA	24" Box Cedrus deodara - Deodar Cedar	969.85	
32 93 43 00-1050	EA	36" Box Cedrus deodara - Deodar Cedar	2,133.67	
32 93 43 00-1051	EA	6' Cedrus decurrens - Incese Cedar	117.27	
32 93 43 00-1052	EA	8' Cedrus decurrens - Incese Cedar	242.58	
32 93 43 00-1053	EA	10' Cedrus decurrens - Incese Cedar	321.30	
32 93 43 00-1054	EA	12' Cedrus decurrens - Incese Cedar	425.72	
32 93 43 00-1055	EA	6' To 8' Cedrus deodara - Indian Cedar	103.85	
32 93 43 00-1056	EA	8' To 10' Cedrus deodara - Indian Cedar	120.24	
32 93 43 00-1057	EA	10' To 12' Cedrus deodara - Indian Cedar	163.94	
32 93 43 00-1058	EA	12' To 14' Cedrus deodara - Indian Cedar	213.11	
32 93 43 00-1059	EA	14' To 16' Cedrus deodara - Indian Cedar	273.25	
32 93 43 00-1060	EA	5 Gallon Cedrus libani - Cedar of Lebanon	69.83	
32 93 43 00-1061	EA	15 Gallon Cedrus libani - Cedar of Lebanon	306.47	
32 93 43 00-1062	EA	24" Box Cedrus libani - Cedar of Lebanon	737.09	
32 93 43 00-1063	EA	36" Box Cedrus libani - Cedar of Lebanon	2,133.67	
32 93 43 00-1064	EA	15 Gallon Celtis australis - European Hackberry	252.16	
32 93 43 00-1065	EA	24" Box Celtis australis - European Hackberry	872.86	
32 93 43 00-1066	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	32.46	
32 93 43 00-1067	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	48.69	
32 93 43 00-1068	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	75.74	
32 93 43 00-1069	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	129.85	
32 93 43 00-1070	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress	39.34	
32 93 43 00-1071	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress	61.25	
32 93 43 00-1072	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress	76.48	
32 93 43 00-1073	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress	109.31	
32 93 43 00-1074	EA	1 Gallon Cinnamomum camphora - Camphor Tree	25.22	
32 93 43 00-1075	EA	5 Gallon Cinnamomum camphora - Camphor Tree	69.83	
32 93 43 00-1076	EA	15 Gallon Cinnamomum camphora - Camphor Tree	190.09	
32 93 43 00-1077	EA	24" Box Cinnamomum camphora - Camphor Tree	620.70	
32 93 43 00-1078	EA	36" Box Cinnamomum camphora - Camphor Tree	1,745.73	
32 93 43 00-1079	EA	1 Gallon Cleyera japonica - Japanese Cleyera	4.43	
32 93 43 00-1080	EA	3 Gallon Cleyera japonica - Japanese Cleyera	11.11	
32 93 43 00-1081	EA	7 Gallon Cleyera japonica - Japanese Cleyera	31.82	
32 93 43 00-1082	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	17.86	
32 93 43 00-1083	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	71.44	
32 93 43 00-1084	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	31.25	
32 93 43 00-1085	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	40.18	
32 93 43 00-1086	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	62.51	
32 93 43 00-1087	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	151.81	
32 93 43 00-1088	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	3.26	
32 93 43 00-1089	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	14.66	
32 93 43 00-1090	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	48.85	
32 93 43 00-1091	EA	5 Gallon Cupressus sempervirens - Italian Cypress	16.81	
32 93 43 00-1092	EA	15 Gallon Cupressus sempervirens - Italian Cypress	46.22	
32 93 43 00-1093	EA	1 Gallon Eriobotrya deflexa - Bronze Loquat	25.22	
32 93 43 00-1094	EA	5 Gallon Eriobotrya deflexa - Bronze Loquat	69.83	
32 93 43 00-1095	EA	15 Gallon Eriobotrya deflexa - Bronze Loquat	306.47	
32 93 43 00-1096	EA	24" Box Eriobotrya deflexa - Bronze Loquat	737.09	
32 93 43 00-1097	EA	36" Box Eriobotrya deflexa - Bronze Loquat	2,133.67	
32 93 43 00-1098	EA	1 Gallon Heteromeles arbutifolia - Toyon	25.22	
32 93 43 00-1099	EA	5 Gallon Heteromeles arbutifolia - Toyon	69.83	
32 93 43 00-1100	EA	15 Gallon Heteromeles arbutifolia - Toyon	232.73	
32 93 43 00-1101	EA	24" Box Heteromeles arbutifolia - Toyon	737.09	
32 93 43 00-1102	EA	1 Gallon Illicium anisatum - Anise Tree	4.80	
32 93 43 00-1103	EA	3 Gallon Illicium anisatum - Anise Tree	11.11	
32 93 43 00-1104	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	4.94	
32 93 43 00-1105	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	9.66	
32 93 43 00-1106	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	11.98	
32 93 43 00-1107	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	14.08	
32 93 43 00-1108	EA	1 Gallon Juniperus - Blue Sargent Juniper	4.94	
32 93 43 00-1109	EA	2 Gallon Juniperus - Blue Sargent Juniper	9.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1110	EA	3 Gallon Juniperus - Blue Sargent Juniper	11.98	
32 93 43 00-1111	EA	5 Gallon Juniperus - Blue Sargent Juniper	14.08	
32 93 43 00-1112	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	14.08	
32 93 43 00-1113	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	15.23	
32 93 43 00-1114	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	18.38	
32 93 43 00-1115	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	27.31	
32 93 43 00-1116	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	31.62	
32 93 43 00-1117	EA	5' To 6' Juniperus - Fairview Juniper	47.10	
32 93 43 00-1118	EA	1 Gallon Juniperus - Hollywood Juniper	6.30	
32 93 43 00-1119	EA	5 Gallon Juniperus - Hollywood Juniper	17.54	
32 93 43 00-1120	EA	15 Gallon Juniperus - Hollywood Juniper	74.38	
32 93 43 00-1121	EA	4' To 5' Juniperus - Hollywood Juniper	49.17	
32 93 43 00-1122	EA	5' To 6' Juniperus - Hollywood Juniper	63.35	
32 93 43 00-1123	EA	1 Gallon Juniperus - Parson's Juniper	4.94	
32 93 43 00-1124	EA	2 Gallon Juniperus - Parson's Juniper	9.77	
32 93 43 00-1125	EA	3 Gallon Juniperus - Parson's Juniper	12.08	
32 93 43 00-1126	EA	5 Gallon Juniperus - Parson's Juniper	14.29	
32 93 43 00-1127	EA	5 Gallon Juniperus - Skyrocket Juniper	17.65	
32 93 43 00-1128	EA	15 Gallon Juniperus - Skyrocket Juniper	75.11	
32 93 43 00-1129	EA	2' To 3' Juniperus - Skyrocket Juniper	26.47	
32 93 43 00-1130	EA	3' To 4' Juniperus - Skyrocket Juniper	37.50	
32 93 43 00-1131	EA	4' To 5' Juniperus - Skyrocket Juniper	49.69	
32 93 43 00-1132	EA	5' To 6' Juniperus - Skyrocket Juniper	64.08	
32 93 43 00-1133	EA	6' To 8' Juniperus - Skyrocket Juniper	82.78	
32 93 43 00-1134	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	4.94	
32 93 43 00-1135	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	9.72	
32 93 43 00-1136	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	11.92	
32 93 43 00-1137	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	14.13	
32 93 43 00-1138	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	4.94	
32 93 43 00-1139	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	9.72	
32 93 43 00-1140	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	11.92	
32 93 43 00-1141	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	14.13	
32 93 43 00-1142	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar	26.47	
32 93 43 00-1143	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar	37.50	
32 93 43 00-1144	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar	49.69	
32 93 43 00-1145	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar	64.08	
32 93 43 00-1146	EA	1 Gallon Laurus nobilis - Sweet Bay	17.46	
32 93 43 00-1147	EA	5 Gallon Laurus nobilis - Sweet Bay	54.31	
32 93 43 00-1148	EA	15 Gallon Laurus nobilis - Sweet Bay	190.09	
32 93 43 00-1149	EA	24" Box Laurus nobilis - Sweet Bay	620.70	
32 93 43 00-1150	EA	36" Box Laurus nobilis - Sweet Bay	2,133.67	
32 93 43 00-1151	EA	5 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	54.31	
32 93 43 00-1152	EA	15 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	190.09	
32 93 43 00-1153	EA	24" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	620.70	
32 93 43 00-1154	EA	36" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	1,745.73	
32 93 43 00-1155	EA	1 Gallon Lyonothamnus floribundus - Catalina Ironwood	38.41	
32 93 43 00-1156	EA	5 Gallon Lyonothamnus floribundus - Catalina Ironwood	95.05	
32 93 43 00-1157	EA	15 Gallon Lyonothamnus floribundus - Catalina Ironwood	484.92	
32 93 43 00-1158	EA	24" Box Lyonothamnus floribundus - Catalina Ironwood	969.85	
32 93 43 00-1159	EA	1 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	38.76	
32 93 43 00-1160	EA	5 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	116.34	
32 93 43 00-1161	EA	6' Melaleuca linariifolia - Flaxleaf Paperbark	337.36	
32 93 43 00-1162	EA	8' Melaleuca linariifolia - Flaxleaf Paperbark	449.82	
32 93 43 00-1163	EA	10' Melaleuca linariifolia - Flaxleaf Paperbark	562.28	
32 93 43 00-1164	EA	12' Melaleuca linariifolia - Flaxleaf Paperbark	674.73	
32 93 43 00-1165	EA	1 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	9.40	
32 93 43 00-1166	EA	5 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	29.24	
32 93 43 00-1167	EA	15 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	102.33	
32 93 43 00-1168	EA	24" Box Melaleuca linariifolia - Flaxleaf Paperbark	334.15	
32 93 43 00-1169	EA	6' Melaleuca quinquenervia - Cajeput Tree	337.36	
32 93 43 00-1170	EA	8' Melaleuca quinquenervia - Cajeput Tree	449.82	
32 93 43 00-1171	EA	10' Melaleuca quinquenervia - Cajeput Tree	562.28	
32 93 43 00-1172	EA	12' Melaleuca quinquenervia - Cajeput Tree	674.73	
32 93 43 00-1173	EA	24" Box Melaleuca quinquenervia - Cajeput Tree	187.96	
32 93 43 00-1174	EA	30" Box Melaleuca quinquenervia - Cajeput Tree	473.92	
32 93 43 00-1175	EA	36" Box Melaleuca quinquenervia - Cajeput Tree	747.02	
32 93 43 00-1176	EA	4' Metrosideros excelsus - New Zealand Christmas Tree	99.60	
32 93 43 00-1177	EA	5' Metrosideros excelsus - New Zealand Christmas Tree	134.95	
32 93 43 00-1178	EA	6' Metrosideros excelsus - New Zealand Christmas Tree	229.73	
32 93 43 00-1179	EA	8' Metrosideros excelsus - New Zealand Christmas Tree	284.35	
32 93 43 00-1180	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree	189.20	
32 93 43 00-1181	EA	1 Gallon Photinia fraseri - Fraser's Photinia	17.46	
32 93 43 00-1182	EA	5 Gallon Photinia fraseri - Fraser's Photinia	151.30	
32 93 43 00-1183	EA	15 Gallon Photinia fraseri - Fraser's Photinia	228.88	
32 93 43 00-1184	EA	24" Box Photinia fraseri - Fraser's Photinia	737.09	
32 93 43 00-1185	EA	5' Picea abies & cvs - Norway Spruce	153.67	
32 93 43 00-1186	EA	6' Picea abies & cvs - Norway Spruce	174.62	
32 93 43 00-1187	EA	7' Picea abies & cvs - Norway Spruce	209.54	
32 93 43 00-1188	EA	8' Picea abies & cvs - Norway Spruce	244.47	
32 93 43 00-1189	EA	9' Picea abies & cvs - Norway Spruce	328.28	
32 93 43 00-1190	EA	10' Picea abies & cvs - Norway Spruce	398.13	
32 93 43 00-1191	EA	12' Picea abies & cvs - Norway Spruce	488.93	
32 93 43 00-1192	EA	14' Picea abies & cvs - Norway Spruce	593.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1193	EA	6' Picea glauca - White Spruce	146.68	
32 93 43 00-1194	EA	7' Picea glauca - White Spruce	209.54	
32 93 43 00-1195	EA	8' Picea glauca - White Spruce	244.47	
32 93 43 00-1196	EA	9' Picea glauca - White Spruce	293.36	
32 93 43 00-1197	EA	10' Picea glauca - White Spruce	349.24	
32 93 43 00-1198	EA	12' Picea glauca - White Spruce	419.09	
32 93 43 00-1199	EA	4' Picea glauca densata - Black Hills Spruce	83.82	
32 93 43 00-1200	EA	5' Picea glauca densata - Black Hills Spruce	125.73	
32 93 43 00-1201	EA	6' Picea glauca densata - Black Hills Spruce	188.59	
32 93 43 00-1202	EA	7' Picea glauca densata - Black Hills Spruce	223.51	
32 93 43 00-1203	EA	8' Picea glauca densata - Black Hills Spruce	258.44	
32 93 43 00-1204	EA	9' Picea glauca densata - Black Hills Spruce	286.38	
32 93 43 00-1205	EA	10' Picea glauca densata - Black Hills Spruce	314.32	
32 93 43 00-1206	EA	1 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	13.58	
32 93 43 00-1207	EA	5 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	38.79	
32 93 43 00-1208	EA	15 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	151.30	
32 93 43 00-1209	EA	24" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	620.70	
32 93 43 00-1210	EA	36" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	1,745.73	
32 93 43 00-1211	EA	1 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	17.46	
32 93 43 00-1212	EA	5 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	54.31	
32 93 43 00-1213	EA	15 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	190.09	
32 93 43 00-1214	EA	24" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	620.70	
32 93 43 00-1215	EA	36" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	1,745.73	
32 93 43 00-1216	EA	1 Gallon Metrosideros excelsa - New Zealand Christmas Tree	7.69	
32 93 43 00-1217	EA	5 Gallon Metrosideros excelsa - New Zealand Christmas Tree	28.97	
32 93 43 00-1218	EA	15 Gallon Metrosideros excelsa - New Zealand Christmas Tree	93.42	
32 93 43 00-1219	EA	24" Box Olea europaea 'Swan Hill' - Swan Hill Olive	969.85	
32 93 43 00-1220	EA	36" Box Olea europaea 'Swan Hill' - Swan Hill Olive	2,327.64	
32 93 43 00-1221	EA	6' Picea omorika & cvs - Serbian Spruce	188.59	
32 93 43 00-1222	EA	7' Picea omorika & cvs - Serbian Spruce	209.54	
32 93 43 00-1223	EA	8' Picea omorika & cvs - Serbian Spruce	251.45	
32 93 43 00-1224	EA	9' Picea omorika & cvs - Serbian Spruce	293.36	
32 93 43 00-1225	EA	10' Picea omorika & cvs - Serbian Spruce	335.27	
32 93 43 00-1226	EA	5' Picea pungens - Colorado Green Spruce	153.67	
32 93 43 00-1227	EA	6' Picea pungens - Colorado Green Spruce	195.57	
32 93 43 00-1228	EA	7' Picea pungens - Colorado Green Spruce	230.50	
32 93 43 00-1229	EA	8' Picea pungens - Colorado Green Spruce	265.42	
32 93 43 00-1230	EA	9' Picea pungens - Colorado Green Spruce	307.33	
32 93 43 00-1231	EA	10' Picea pungens - Colorado Green Spruce	579.74	
32 93 43 00-1232	EA	12' Picea pungens - Colorado Green Spruce	419.09	
32 93 43 00-1233	EA	14' Picea pungens - Colorado Green Spruce	488.93	
32 93 43 00-1234	EA	16' Picea pungens - Colorado Green Spruce	628.63	
32 93 43 00-1235	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	153.67	
32 93 43 00-1236	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	209.54	
32 93 43 00-1237	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	244.47	
32 93 43 00-1238	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	279.39	
32 93 43 00-1239	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	314.32	
32 93 43 00-1240	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	384.16	
32 93 43 00-1241	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	488.93	
32 93 43 00-1242	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	733.40	
32 93 43 00-1243	EA	6' Pinus canariensis - Canary Island Pine	385.56	
32 93 43 00-1244	EA	8' Pinus canariensis - Canary Island Pine	514.08	
32 93 43 00-1245	EA	10' Pinus canariensis - Canary Island Pine	642.60	
32 93 43 00-1246	EA	12' Pinus canariensis - Canary Island Pine	771.12	
32 93 43 00-1247	EA	1 Gallon Pinus canariensis - Canary Island Pine	25.22	
32 93 43 00-1248	EA	5 Gallon Pinus canariensis - Canary Island Pine	69.83	
32 93 43 00-1249	EA	15 Gallon Pinus canariensis - Canary Island Pine	228.88	
32 93 43 00-1250	EA	24" Box Pinus canariensis - Canary Island Pine	396.81	
32 93 43 00-1251	EA	1 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	17.46	
32 93 43 00-1252	EA	5 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	54.31	
32 93 43 00-1253	EA	15 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	190.09	
32 93 43 00-1254	EA	24" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	620.70	
32 93 43 00-1255	EA	36" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	1,745.73	
32 93 43 00-1256	EA	1 Gallon Pinus halepensis - Aleppo Pine	17.46	
32 93 43 00-1257	EA	5 Gallon Pinus halepensis - Aleppo Pine	54.31	
32 93 43 00-1258	EA	15 Gallon Pinus halepensis - Aleppo Pine	190.09	
32 93 43 00-1259	EA	24" Box Pinus halepensis - Aleppo Pine	620.70	
32 93 43 00-1260	EA	36" Box Pinus halepensis - Aleppo Pine	1,745.73	
32 93 43 00-1261	EA	1 Gallon Pinus muricata - Bishop Pine	38.76	
32 93 43 00-1262	EA	5 Gallon Pinus muricata - Bishop Pine	116.34	
32 93 43 00-1263	EA	15 Gallon Pinus patula - Jelecote Pine, Mexican Weeping Pine	252.16	
32 93 43 00-1264	EA	24" Box Pinus patula - Jelecote Pine, Mexican Weeping Pine	872.86	
32 93 43 00-1265	EA	6' Pinus pinea - Italian Stone Pine	385.56	
32 93 43 00-1266	EA	8' Pinus pinea - Italian Stone Pine	514.08	
32 93 43 00-1267	EA	10' Pinus pinea - Italian Stone Pine	642.60	
32 93 43 00-1268	EA	12' Pinus pinea - Italian Stone Pine	771.12	
32 93 43 00-1269	EA	1 Gallon Pinus pinea - Italian Stone Pine	13.57	
32 93 43 00-1270	EA	5 Gallon Pinus pinea - Italian Stone Pine	37.59	
32 93 43 00-1271	EA	15 Gallon Pinus pinea - Italian Stone Pine	123.22	
32 93 43 00-1272	EA	24" Box Pinus pinea - Italian Stone Pine	334.15	
32 93 43 00-1273	EA	36" Box Pinus pinea - Italian Stone Pine	939.80	
32 93 43 00-1274	EA	2' Pinus strobus - Pyramidal White Pine	19.34	
32 93 43 00-1275	EA	3' Pinus strobus - Pyramidal White Pine	25.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1276	EA	4' Pinus strobus - Pyramidal White Pine	28.52	
32 93 43 00-1277	EA	5' Pinus strobus - Pyramidal White Pine	31.18	
32 93 43 00-1278	EA	6' Pinus strobus - Pyramidal White Pine	38.85	
32 93 43 00-1279	EA	7' Pinus strobus - Pyramidal White Pine	51.69	
32 93 43 00-1280	EA	8' Pinus strobus - Pyramidal White Pine	71.04	
32 93 43 00-1281	EA	10' Pinus strobus - Pyramidal White Pine	141.74	
32 93 43 00-1282	EA	12' Pinus strobus - Pyramidal White Pine	336.84	
32 93 43 00-1283	EA	14' Pinus strobus - Pyramidal White Pine	451.91	
32 93 43 00-1284	EA	16' Pinus strobus - Pyramidal White Pine	543.62	
32 93 43 00-1285	EA	2' Pinus strobus - White Pine	29.72	
32 93 43 00-1286	EA	3' Pinus strobus - White Pine	42.41	
32 93 43 00-1287	EA	4' Pinus strobus - White Pine	67.63	
32 93 43 00-1288	EA	5' Pinus strobus - White Pine	96.39	
32 93 43 00-1289	EA	6' Pinus strobus - White Pine	141.37	
32 93 43 00-1290	EA	7' Pinus strobus - White Pine	168.68	
32 93 43 00-1291	EA	8' Pinus strobus - White Pine	228.12	
32 93 43 00-1292	EA	10' Pinus strobus - White Pine	306.84	
32 93 43 00-1293	EA	12' Pinus strobus - White Pine	406.44	
32 93 43 00-1294	EA	14' Pinus strobus - White Pine	498.02	
32 93 43 00-1295	EA	16' Pinus strobus - White Pine	605.65	
32 93 43 00-1296	EA	3' Pinus sylvestris - Scotch Pine	45.89	
32 93 43 00-1297	EA	4' Pinus sylvestris - Scotch Pine	63.70	
32 93 43 00-1298	EA	5' Pinus sylvestris - Scotch Pine	89.41	
32 93 43 00-1299	EA	6' Pinus sylvestris - Scotch Pine	124.05	
32 93 43 00-1300	EA	7' Pinus sylvestris - Scotch Pine	151.99	
32 93 43 00-1301	EA	8' Pinus sylvestris - Scotch Pine	214.57	
32 93 43 00-1302	EA	9' Pinus sylvestris - Scotch Pine	272.41	
32 93 43 00-1303	EA	10' Pinus sylvestris - Scotch Pine	314.32	
32 93 43 00-1304	EA	12' Pinus sylvestris - Scotch Pine	370.19	
32 93 43 00-1305	EA	14' Pinus sylvestris - Scotch Pine	419.09	
32 93 43 00-1306	EA	16' Pinus sylvestris - Scotch Pine	488.93	
32 93 43 00-1307	EA	5' To 6' Pinus taeda - Loblolly Pine	19.97	
32 93 43 00-1308	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	4.94	
32 93 43 00-1309	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	17.54	
32 93 43 00-1310	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	56.84	
32 93 43 00-1311	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	24.06	
32 93 43 00-1312	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	30.57	
32 93 43 00-1313	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	45.91	
32 93 43 00-1314	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	89.61	
32 93 43 00-1315	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	100.54	
32 93 43 00-1316	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	125.65	
32 93 43 00-1317	EA	4' Pinus cembra - Swiss Stone Pine	118.74	
32 93 43 00-1318	EA	5' Pinus cembra - Swiss Stone Pine	146.68	
32 93 43 00-1319	EA	6' Pinus cembra - Swiss Stone Pine	181.60	
32 93 43 00-1320	EA	6' Pinus flexilis & cvs - Limber Pine	174.62	
32 93 43 00-1321	EA	7' Pinus flexilis & cvs - Limber Pine	202.56	
32 93 43 00-1322	EA	8' Pinus flexilis & cvs - Limber Pine	251.45	
32 93 43 00-1323	EA	9' Pinus flexilis & cvs - Limber Pine	307.33	
32 93 43 00-1324	EA	10' Pinus flexilis & cvs - Limber Pine	349.24	
32 93 43 00-1325	EA	1 Gallon Pinus mugo - Mugho Pine	6.51	
32 93 43 00-1326	EA	2 Gallon Pinus mugo - Mugho Pine	13.76	
32 93 43 00-1327	EA	3 Gallon Pinus mugo - Mugho Pine	17.23	
32 93 43 00-1328	EA	5 Gallon Pinus mugo - Mugho Pine	21.85	
32 93 43 00-1329	EA	12" To 15" Spread Pinus mugo - Mugho Pine	16.91	
32 93 43 00-1330	EA	15" To 18" Spread Pinus mugo - Mugho Pine	20.17	
32 93 43 00-1331	EA	18" To 24" Spread Pinus mugo - Mugho Pine	27.31	
32 93 43 00-1332	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	38.24	
32 93 43 00-1333	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	49.17	
32 93 43 00-1334	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	61.25	
32 93 43 00-1335	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	74.38	
32 93 43 00-1336	EA	6' Pinus nigra - Austrian Pine	174.62	
32 93 43 00-1337	EA	7' Pinus nigra - Austrian Pine	209.54	
32 93 43 00-1338	EA	8' Pinus nigra - Austrian Pine	272.41	
32 93 43 00-1339	EA	9' Pinus nigra - Austrian Pine	314.32	
32 93 43 00-1340	EA	10' Pinus nigra - Austrian Pine	370.19	
32 93 43 00-1341	EA	12' Pinus nigra - Austrian Pine	419.09	
32 93 43 00-1342	EA	14' Pinus nigra - Austrian Pine	467.98	
32 93 43 00-1343	EA	16' Pinus nigra - Austrian Pine	530.84	
32 93 43 00-1344	EA	5' Pinus peuce - Macedonian Pine	216.53	
32 93 43 00-1345	EA	6' Pinus peuce - Macedonian Pine	272.41	
32 93 43 00-1346	EA	7' Pinus peuce - Macedonian Pine	314.32	
32 93 43 00-1347	EA	8' Pinus peuce - Macedonian Pine	356.22	
32 93 43 00-1348	EA	9' Pinus peuce - Macedonian Pine	412.10	
32 93 43 00-1349	EA	1 Gallon Pinus torreyana - Torrey Pine	38.41	
32 93 43 00-1350	EA	5 Gallon Pinus torreyana - Torrey Pine	95.05	
32 93 43 00-1351	EA	15 Gallon Pinus torreyana - Torrey Pine	306.47	
32 93 43 00-1352	EA	24" Box Pinus torreyana - Torrey Pine	737.09	
32 93 43 00-1353	EA	36" Box Pinus torreyana - Torrey Pine	2,133.67	
32 93 43 00-1354	EA	6' Pittosporum undulatum - Victorian Box	212.06	
32 93 43 00-1355	EA	8' Pittosporum undulatum - Victorian Box	335.76	
32 93 43 00-1356	EA	10' Pittosporum undulatum - Victorian Box	441.79	
32 93 43 00-1357	EA	1 Gallon Podocarpus - Chinese Podocarpus	3.26	
32 93 43 00-1358	EA	3 Gallon Podocarpus - Chinese Podocarpus	7.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1359	EA	7 Gallon Podocarpus - Chinese Podocarpus	21.85	
32 93 43 00-1360	EA	15 Gallon Podocarpus - Chinese Podocarpus	35.51	
32 93 43 00-1361	EA	4' To 5' Podocarpus - Chinese Podocarpus	54.63	
32 93 43 00-1362	EA	1 Gallon Rhus lancea - African Sumac	25.22	
32 93 43 00-1363	EA	5 Gallon Rhus lancea - African Sumac	69.83	
32 93 43 00-1364	EA	15 Gallon Rhus lancea - African Sumac	190.09	
32 93 43 00-1365	EA	6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	401.62	
32 93 43 00-1366	EA	8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	530.14	
32 93 43 00-1367	EA	10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	674.73	
32 93 43 00-1368	EA	12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	803.25	
32 93 43 00-1369	EA	24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	187.96	
32 93 43 00-1370	EA	1 Gallon Podocarpus macrophyllus - Yew Pine	7.47	
32 93 43 00-1371	EA	3 Gallon Podocarpus macrophyllus - Yew Pine	17.51	
32 93 43 00-1372	EA	5 Gallon Podocarpus macrophyllus - Yew Pine	22.97	
32 93 43 00-1373	EA	15 Gallon Podocarpus macrophyllus - Yew Pine	99.60	
32 93 43 00-1374	EA	24" Box Podocarpus macrophyllus - Yew Pine	192.78	
32 93 43 00-1375	EA	5' Pseudotsuga menziesii - Douglas Fir	139.70	
32 93 43 00-1376	EA	6' Pseudotsuga menziesii - Douglas Fir	167.63	
32 93 43 00-1377	EA	7' Pseudotsuga menziesii - Douglas Fir	209.54	
32 93 43 00-1378	EA	8' Pseudotsuga menziesii - Douglas Fir	251.45	
32 93 43 00-1379	EA	9' Pseudotsuga menziesii - Douglas Fir	314.32	
32 93 43 00-1380	EA	10' Pseudotsuga menziesii - Douglas Fir	370.19	
32 93 43 00-1381	EA	12' Pseudotsuga menziesii - Douglas Fir	419.09	
32 93 43 00-1382	EA	15 Gallon Prosopis alba 'Colorado' - Argentine Mesquite	221.09	
32 93 43 00-1383	EA	24" Box Prosopis alba 'Colorado' - Argentine Mesquite	768.08	
32 93 43 00-1384	EA	15 Gallon Prosopis hybrid 'Phoenix' - Phoenix Mesquite	221.09	
32 93 43 00-1385	EA	24" Box Prosopis hybrid 'Phoenix' - Phoenix Mesquite	768.08	
32 93 43 00-1386	EA	1 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	25.22	
32 93 43 00-1387	EA	5 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	95.05	
32 93 43 00-1388	EA	15 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	213.37	
32 93 43 00-1389	EA	24" Box Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	737.09	
32 93 43 00-1390	EA	24" Box Quercus engelmannii - Mesa Oak	931.06	
32 93 43 00-1391	EA	36" Box Quercus engelmannii - Mesa Oak	2,327.64	
32 93 43 00-1392	EA	5 Gallon Quillaja saponaria - Soapbark Tree	252.16	
32 93 43 00-1393	EA	15 Gallon Quillaja saponaria - Soapbark Tree	872.86	
32 93 43 00-1394	EA	24" Box Rhus lancea - African Sumac	198.40	
32 93 43 00-1395	EA	30" Box Rhus lancea - African Sumac	321.30	
32 93 43 00-1396	EA	8' Rhus lancea - African Sumac	481.95	
32 93 43 00-1397	EA	10' Rhus lancea - African Sumac	538.18	
32 93 43 00-1398	EA	12' Rhus lancea - African Sumac	642.60	
32 93 43 00-1399	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	68.29	
32 93 43 00-1400	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	92.19	
32 93 43 00-1401	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	112.67	
32 93 43 00-1402	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	13.17	
32 93 43 00-1403	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	24.65	
32 93 43 00-1404	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	48.54	
32 93 43 00-1405	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	60.67	
32 93 43 00-1406	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	75.01	
32 93 43 00-1407	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	94.92	
32 93 43 00-1408	EA	6' Tsuga canadensis - Northern Hemlock	139.70	
32 93 43 00-1409	EA	7' Tsuga canadensis - Northern Hemlock	174.62	
32 93 43 00-1410	EA	8' Tsuga canadensis - Northern Hemlock	237.48	
32 93 43 00-1411	EA	9' Tsuga canadensis - Northern Hemlock	279.39	
32 93 43 00-1412	EA	10' Tsuga canadensis - Northern Hemlock	314.32	
32 93 43 00-1413	EA	12' Tsuga canadensis - Northern Hemlock	349.24	
32 93 43 00-1414	EA	1 Gallon Tristania conferta - Brisbane Box	25.22	
32 93 43 00-1415	EA	5 Gallon Tristania conferta - Brisbane Box	69.83	
32 93 43 00-1416	EA	15 Gallon Tristania conferta - Brisbane Box	190.09	
32 93 43 00-1417	EA	24" Box Tristania conferta - Brisbane Box	620.70	
32 93 43 00-1418	EA	36" Box Tristania conferta - Brisbane Box	1,745.73	

32 93 43 00-1419 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1420	EA	4' To 5' Acacia baileyana - Bailey Acacia	262.78	
32 93 43 00-1421	EA	6' Acacia baileyana - Bailey Acacia	315.34	
32 93 43 00-1422	EA	8' Acacia baileyana - Bailey Acacia	367.89	
32 93 43 00-1423	EA	10' Acacia baileyana - Bailey Acacia	459.86	
32 93 43 00-1424	EA	6' Agonis flexuosa - Peppermint Tree	157.67	
32 93 43 00-1425	EA	8' Agonis flexuosa - Peppermint Tree	197.08	
32 93 43 00-1426	EA	10' Agonis flexuosa - Peppermint Tree	236.50	
32 93 43 00-1427	EA	24" Box Agonis flexuosa - Peppermint Tree	196.43	
32 93 43 00-1428	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	107.48	
32 93 43 00-1429	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	167.20	
32 93 43 00-1430	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	214.97	
32 93 43 00-1431	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	286.62	
32 93 43 00-1432	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	81.43	
32 93 43 00-1433	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	114.00	
32 93 43 00-1434	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	146.57	
32 93 43 00-1435	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	179.14	
32 93 43 00-1436	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	217.14	
32 93 43 00-1437	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	271.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1438	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid	466.85	
32 93 43 00-1439	EA	6' Bauninia blakeana - Hong Kong Orchid	553.71	
32 93 43 00-1440	EA	8' Bauninia blakeana - Hong Kong Orchid	738.28	
32 93 43 00-1441	EA	10' Bauninia blakeana - Hong Kong Orchid	922.84	
32 93 43 00-1442	EA	6' Bauhinia purpurea - Purple Orchid Tree	586.28	
32 93 43 00-1443	EA	8' Bauhinia purpurea - Purple Orchid Tree	781.70	
32 93 43 00-1444	EA	10' Bauhinia purpurea - Purple Orchid Tree	977.13	
32 93 43 00-1445	EA	24" Box Bauhinia purpurea - Purple Orchid Tree	254.05	
32 93 43 00-1446	EA	6' Bauhinia variegata candida - White Orchid Tree	651.42	
32 93 43 00-1447	EA	8' Bauhinia variegata candida - White Orchid Tree	868.56	
32 93 43 00-1448	EA	10' Bauhinia variegata candida - White Orchid Tree	1,085.70	
32 93 43 00-1449	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush	354.75	
32 93 43 00-1450	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush	473.00	
32 93 43 00-1451	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush	591.26	
32 93 43 00-1452	EA	6' Callistemon viminalis - Weeping Bottle Brush	354.75	
32 93 43 00-1453	EA	8' Callistemon viminalis - Weeping Bottle Brush	473.00	
32 93 43 00-1454	EA	10' Callistemon viminalis - Weeping Bottle Brush	591.26	
32 93 43 00-1455	EA	12' Callistemon viminalis - Weeping Bottle Brush	709.51	
32 93 43 00-1456	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	228.00	
32 93 43 00-1457	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	358.28	
32 93 43 00-1458	EA	3' To 4' Chamaerops humilis - European Fan Palm	195.43	
32 93 43 00-1459	EA	5' To 6' Chamaerops humilis - European Fan Palm	260.57	
32 93 43 00-1460	EA	7' To 8' Chamaerops humilis - European Fan Palm	607.99	
32 93 43 00-1461	EA	9' To 10' Chamaerops humilis - European Fan Palm	1,042.27	
32 93 43 00-1462	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	152.00	
32 93 43 00-1463	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	304.00	
32 93 43 00-1464	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	390.85	
32 93 43 00-1465	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	542.85	
32 93 43 00-1466	EA	12' To 16' Cocos nucifera - Coconut Palm	457.88	
32 93 43 00-1467	EA	6' Eriobotrya deflexa - Bronze Loquat	586.28	
32 93 43 00-1468	EA	8' Eriobotrya deflexa - Bronze Loquat	781.70	
32 93 43 00-1469	EA	10' Eriobotrya deflexa - Bronze Loquat	977.13	
32 93 43 00-1470	EA	6' Eucalyptus erythrocorys - Red Cap Gum	586.28	
32 93 43 00-1471	EA	8' Eucalyptus erythrocorys - Red Cap Gum	781.70	
32 93 43 00-1472	EA	10' Eucalyptus erythrocorys - Red Cap Gum	977.13	
32 93 43 00-1473	EA	6' Eucalyptus gunnii - Cider Gum	586.28	
32 93 43 00-1474	EA	8' Eucalyptus gunnii - Cider Gum	781.70	
32 93 43 00-1475	EA	10' Eucalyptus gunnii - Cider Gum	977.13	
32 93 43 00-1476	EA	6' Eucalyptus leucoxylon - White Ironbark	586.28	
32 93 43 00-1477	EA	8' Eucalyptus leucoxylon - White Ironbark	781.70	
32 93 43 00-1478	EA	10' Eucalyptus leucoxylon - White Ironbark	977.13	
32 93 43 00-1479	EA	12' Eucalyptus leucoxylon - White Ironbark	1,172.56	
32 93 43 00-1480	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum	586.28	
32 93 43 00-1481	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum	781.70	
32 93 43 00-1482	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum	977.13	
32 93 43 00-1483	EA	6' Eucalyptus torquala - Coral Gum	586.28	
32 93 43 00-1484	EA	8' Eucalyptus torquala - Coral Gum	781.70	
32 93 43 00-1485	EA	10' Eucalyptus torquala - Coral Gum	977.13	
32 93 43 00-1486	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash	367.89	
32 93 43 00-1487	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash	499.28	
32 93 43 00-1488	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash	617.53	
32 93 43 00-1489	EA	6' Jacarandra acutifolia - Jacaranda	586.28	
32 93 43 00-1490	EA	8' Jacarandra acutifolia - Jacaranda	781.70	
32 93 43 00-1491	EA	10' Jacarandra acutifolia - Jacaranda	977.13	
32 93 43 00-1492	EA	24" Box Jacarandra acutifolia - Jacaranda	254.05	
32 93 43 00-1493	EA	6' Olea europaea - Olive "Fruitless"	433.76	
32 93 43 00-1494	EA	8' Olea europaea - Olive "Fruitless"	578.34	
32 93 43 00-1495	EA	10' Olea europaea - Olive "Fruitless"	722.92	
32 93 43 00-1496	EA	12' Olea europaea - Olive "Fruitless"	867.51	
32 93 43 00-1497	EA	24" Box Olea europaea - Olive "Fruitless"	533.36	
32 93 43 00-1498	EA	5 Gallon Pistacia chinensis - Chinese Pistache	39.09	
32 93 43 00-1499	EA	15 Gallon Pistacia chinensis - Chinese Pistache	130.28	
32 93 43 00-1500	EA	24" Box Pistacia chinensis - Chinese Pistache	505.94	
32 93 43 00-1501	EA	36" Box Pistacia chinensis - Chinese Pistache	1,346.27	
32 93 43 00-1502	EA	48" Box Pistacia chinensis - Chinese Pistache	2,866.25	
32 93 43 00-1503	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single	24.44	
32 93 43 00-1504	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single	81.46	
32 93 43 00-1505	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single	306.14	
32 93 43 00-1506	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single	559.72	
32 93 43 00-1507	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single	814.62	
32 93 43 00-1508	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi	24.44	
32 93 43 00-1509	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi	86.72	
32 93 43 00-1510	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi	315.34	
32 93 43 00-1511	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi	559.72	
32 93 43 00-1512	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi	814.62	
32 93 43 00-1513	EA	4' To 5' Rhapis excelsa - Lady Palm	412.57	
32 93 43 00-1514	EA	6' To 7' Rhapis excelsa - Lady Palm	586.28	
32 93 43 00-1515	EA	8' To 9' Roystonea regia - Royal Palm	332.22	
32 93 43 00-1516	EA	10' To 11' Roystonea regia - Royal Palm	406.05	
32 93 43 00-1517	EA	12' To 13' Roystonea regia - Royal Palm	479.88	
32 93 43 00-1518	EA	14' To 15' Roystonea regia - Royal Palm	553.71	
32 93 43 00-1519	EA	16' To 17' Roystonea regia - Royal Palm	627.53	
32 93 43 00-1520	EA	18' To 19' Roystonea regia - Royal Palm	701.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1521	EA	20' To 21' Roystonea regia - Royal Palm	775.19	
32 93 43 00-1522	EA	10' To 16' Sabal palmetto - Cabbage Palm	167.90	
32 93 43 00-1523	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	455.99	
32 93 43 00-1524	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	586.28	
32 93 43 00-1525	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	716.56	
32 93 43 00-1526	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm	162.86	
32 93 43 00-1527	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm	271.42	
32 93 43 00-1528	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm	412.57	
32 93 43 00-1529	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm	466.85	
32 93 43 00-1530	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm	542.85	
32 93 43 00-1531	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm	9.30	
32 93 43 00-1532	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm	28.94	
32 93 43 00-1533	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm	101.31	
32 93 43 00-1534	EA	24" Box Washingtonia robusta - Mexican Fan Palm	330.80	
32 93 43 00-1535	EA	36" Box Washingtonia robusta - Mexican Fan Palm	878.69	
32 93 43 00-1536	EA	6' Washingtonia robusta - Mexican Fan Palm	586.28	
32 93 43 00-1537	EA	8' Washingtonia robusta - Mexican Fan Palm	781.70	
32 93 43 00-1538	EA	10' Washingtonia robusta - Mexican Fan Palm	977.13	
32 93 43 00-1539	EA	12' Washingtonia robusta - Mexican Fan Palm	1,172.56	
32 93 43 00-1540	EA	5 Gallon Phoenix roebelenii - Pygmy Date Palm	34.30	
32 93 43 00-1541	EA	7 Gallon Phoenix roebelenii - Pygmy Date Palm	83.62	
32 93 43 00-1542	EA	15 Gallon Phoenix roebelenii - Pygmy Date Palm	126.50	
32 93 43 00-1543	EA	24" Box Phoenix roebelenii - Pygmy Date Palm	375.20	

32 93 63 Specialty Plants *(32 93)*

32 93 63 00-0001 Specialty Plants In Place *(32 93 63)*

Note: Includes plant and placement for trees.

32 93 63 00-0002	EA	5 Gallon Trees	183.00	
32 93 63 00-0003	EA	7 Gallon Trees	220.92	
32 93 63 00-0004	EA	15 Gallon Trees	441.60	
32 93 63 00-0005	EA	24" Box Container Trees	771.65	
32 93 63 00-0006	EA	36" Box Container Trees	2,374.13	
32 93 63 00-0007	EA	48" Box Container Trees	4,906.91	
32 93 63 00-0008	EA	60" Box Container Trees	8,062.54	
32 93 63 00-0009	EA	72" Box Container Trees	13,441.66	

32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.64	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.62	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	3.27	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	5.24	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	26.20	
		For >10 To 25, Deduct	*-1.31*	
		For >25 To 50, Deduct	*-3.28*	
		For >50 To 100, Deduct	*-5.24*	
		For >100, Deduct	*-7.86*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	36.68	
		For >10 To 25, Deduct	*-1.83*	
		For >25 To 50, Deduct	*-4.59*	
		For >50 To 100, Deduct	*-7.34*	
		For >100, Deduct	*-11.00*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	47.15	
		For >10 To 25, Deduct	*-2.36*	
		For >25 To 50, Deduct	*-5.89*	
		For >50 To 100, Deduct	*-9.43*	
		For >100, Deduct	*-14.15*	
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	78.58	
		For >10 To 25, Deduct	*-3.93*	
		For >25 To 50, Deduct	*-9.82*	
		For >50 To 100, Deduct	*-15.72*	
		For >100, Deduct	*-23.57*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	104.78	
		For >10 To 25, Deduct	*-5.24*	
		For >25 To 50, Deduct	*-13.10*	
		For >50 To 100, Deduct	*-20.96*	
		For >100, Deduct	*-31.43*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	136.21	
		For >10 To 25, Deduct	*-6.81*	
		For >25 To 50, Deduct	*-17.03*	
		For >50 To 100, Deduct	*-27.24*	
		For >100, Deduct	*-40.86*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	193.84	
		For >10 To 25, Deduct	*-9.69*	
		For >25 To 50, Deduct	*-24.23*	
		For >50 To 100, Deduct	*-38.77*	
		For >100, Deduct	*-58.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	319.59	
		For >10 To 25, Deduct	*-15.98*	
		For >25 To 50, Deduct	*-39.95*	
		For >50 To 100, Deduct	*-63.92*	
		For >100, Deduct	*-95.88*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	413.88	
		For >10 To 25, Deduct	*-20.69*	
		For >25 To 50, Deduct	*-51.74*	
		For >50 To 100, Deduct	*-82.78*	
		For >100, Deduct	*-124.16*	
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	497.71	
		For >10 To 25, Deduct	*-24.89*	
		For >25 To 50, Deduct	*-62.21*	
		For >50 To 100, Deduct	*-99.54*	
		For >100, Deduct	*-149.31*	
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	618.21	
		For >10 To 25, Deduct	*-30.91*	
		For >25 To 50, Deduct	*-77.28*	
		For >50 To 100, Deduct	*-123.64*	
		For >100, Deduct	*-185.46*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	733.47	
		For >10 To 25, Deduct	*-36.67*	
		For >25 To 50, Deduct	*-91.68*	
		For >50 To 100, Deduct	*-146.69*	
		For >100, Deduct	*-220.04*	
32 93 83 00-0018	EA	24" Box Container Tree Planting	136.21	
		For >10 To 25, Deduct	*-6.81*	
		For >25 To 50, Deduct	*-17.03*	
		For >50 To 100, Deduct	*-27.24*	
		For >100, Deduct	*-40.86*	
32 93 83 00-0019	EA	36" Box Container Tree Planting	413.88	
		For >10 To 25, Deduct	*-20.69*	
		For >25 To 50, Deduct	*-51.74*	
		For >50 To 100, Deduct	*-82.78*	
		For >100, Deduct	*-124.16*	
32 93 83 00-0020	EA	48" Box Container Tree Planting	733.47	
		For >10 To 25, Deduct	*-36.67*	
		For >25 To 50, Deduct	*-91.68*	
		For >50 To 100, Deduct	*-146.69*	
		For >100, Deduct	*-220.04*	
32 93 83 00-0021	EA	60" Box Container Tree Planting	869.69	
		For >10 To 25, Deduct	*-43.48*	
		For >25 To 50, Deduct	*-108.71*	
		For >50 To 100, Deduct	*-173.94*	
		For >100, Deduct	*-260.91*	
32 93 83 00-0022	EA	72" Box Container Tree Planting	1,047.82	
		For >10 To 25, Deduct	*-52.39*	
		For >25 To 50, Deduct	*-130.98*	
		For >50 To 100, Deduct	*-209.56*	
		For >100, Deduct	*-314.35*	
32 93 83 00-0023	EA	6' Balled And Burlapped Tree Planting	261.95	
		For >10 To 25, Deduct	*-13.10*	
		For >25 To 50, Deduct	*-32.74*	
		For >50 To 100, Deduct	*-52.39*	
		For >100, Deduct	*-78.59*	
32 93 83 00-0024	EA	7' Balled And Burlapped Tree Planting	348.92	
		For >10 To 25, Deduct	*-17.45*	
		For >25 To 50, Deduct	*-43.62*	
		For >50 To 100, Deduct	*-69.78*	
		For >100, Deduct	*-104.68*	
32 93 83 00-0025	EA	8' Balled And Burlapped Tree Planting	392.93	
		For >10 To 25, Deduct	*-19.65*	
		For >25 To 50, Deduct	*-49.12*	
		For >50 To 100, Deduct	*-78.59*	
		For >100, Deduct	*-117.88*	
32 93 83 00-0026	EA	10' Balled And Burlapped Tree Planting	458.42	
		For >10 To 25, Deduct	*-22.92*	
		For >25 To 50, Deduct	*-57.30*	
		For >50 To 100, Deduct	*-91.68*	
		For >100, Deduct	*-137.53*	
32 93 83 00-0027	EA	12' Balled And Burlapped Tree Planting	612.97	
		For >10 To 25, Deduct	*-30.65*	
		For >25 To 50, Deduct	*-76.62*	
		For >50 To 100, Deduct	*-122.59*	
		For >100, Deduct	*-183.89*	
32 93 83 00-0028	EA	14' Balled And Burlapped Tree Planting	702.04	
		For >10 To 25, Deduct	*-35.10*	
		For >25 To 50, Deduct	*-87.76*	
		For >50 To 100, Deduct	*-140.41*	
		For >100, Deduct	*-210.61*	
32 93 83 00-0029	EA	16' Balled And Burlapped Tree Planting	851.35	
		For >10 To 25, Deduct	*-42.57*	
		For >25 To 50, Deduct	*-106.42*	
		For >50 To 100, Deduct	*-170.27*	
		For >100, Deduct	*-255.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0030	EA	18' Balled And Burlapped Tree Planting	1,021.62	
		For >10 To 25, Deduct	*-51.08*	
		For >25 To 50, Deduct	*-127.70*	
		For >50 To 100, Deduct	*-204.32*	
		For >100, Deduct	*-306.49*	
32 93 83 00-0031	EA	20' Balled And Burlapped Tree Planting	1,178.80	
		For >10 To 25, Deduct	*-58.94*	
		For >25 To 50, Deduct	*-147.35*	
		For >50 To 100, Deduct	*-235.76*	
		For >100, Deduct	*-353.64*	
32 93 83 00-0032	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	392.93	
		For >10 To 25, Deduct	*-19.65*	
		For >25 To 50, Deduct	*-49.12*	
		For >50 To 100, Deduct	*-78.59*	
		For >100, Deduct	*-117.88*	
32 93 83 00-0033	EA	2" Caliper Balled And Burlapped Tree Planting	458.42	
		For >10 To 25, Deduct	*-22.92*	
		For >25 To 50, Deduct	*-57.30*	
		For >50 To 100, Deduct	*-91.68*	
		For >100, Deduct	*-137.53*	
32 93 83 00-0034	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	615.59	
		For >10 To 25, Deduct	*-30.78*	
		For >25 To 50, Deduct	*-76.95*	
		For >50 To 100, Deduct	*-123.12*	
		For >100, Deduct	*-184.68*	
32 93 83 00-0035	EA	3" Caliper Balled And Burlapped Tree Planting	707.27	
		For >10 To 25, Deduct	*-35.36*	
		For >25 To 50, Deduct	*-88.41*	
		For >50 To 100, Deduct	*-141.45*	
		For >100, Deduct	*-212.18*	
32 93 83 00-0036	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	785.87	
		For >10 To 25, Deduct	*-39.29*	
		For >25 To 50, Deduct	*-98.23*	
		For >50 To 100, Deduct	*-157.17*	
		For >100, Deduct	*-235.76*	
32 93 83 00-0037	EA	4" Caliper Balled And Burlapped Tree Planting	901.12	
		For >10 To 25, Deduct	*-45.06*	
		For >25 To 50, Deduct	*-112.64*	
		For >50 To 100, Deduct	*-180.22*	
		For >100, Deduct	*-270.34*	

32 93 83 00-0038 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0039	EA	1 Gallon Container Shrub Planting	22.27	
		For >10 To 25, Deduct	*-1.11*	
		For >25 To 50, Deduct	*-2.78*	
		For >50 To 100, Deduct	*-4.45*	
		For >100, Deduct	*-6.68*	
32 93 83 00-0040	EA	2 Gallon Container Shrub Planting	31.43	
		For >10 To 25, Deduct	*-1.57*	
		For >25 To 50, Deduct	*-3.93*	
		For >50 To 100, Deduct	*-6.29*	
		For >100, Deduct	*-9.43*	
32 93 83 00-0041	EA	3 Gallon Container Shrub Planting	39.30	
		For >10 To 25, Deduct	*-1.97*	
		For >25 To 50, Deduct	*-4.91*	
		For >50 To 100, Deduct	*-7.86*	
		For >100, Deduct	*-11.79*	
32 93 83 00-0042	EA	4 Gallon Container Shrub Planting	52.40	
		For >10 To 25, Deduct	*-2.62*	
		For >25 To 50, Deduct	*-6.55*	
		For >50 To 100, Deduct	*-10.48*	
		For >100, Deduct	*-15.72*	
32 93 83 00-0043	EA	5 Gallon Container Shrub Planting	65.48	
		For >10 To 25, Deduct	*-3.27*	
		For >25 To 50, Deduct	*-8.19*	
		For >50 To 100, Deduct	*-13.10*	
		For >100, Deduct	*-19.64*	
32 93 83 00-0044	EA	7 Gallon Container Shrub Planting	89.06	
		For >10 To 25, Deduct	*-4.45*	
		For >25 To 50, Deduct	*-11.13*	
		For >50 To 100, Deduct	*-17.81*	
		For >100, Deduct	*-26.72*	
32 93 83 00-0045	EA	10 Gallon Container Shrub Planting	117.88	
		For >10 To 25, Deduct	*-5.89*	
		For >25 To 50, Deduct	*-14.74*	
		For >50 To 100, Deduct	*-23.58*	
		For >100, Deduct	*-35.36*	
32 93 83 00-0046	EA	15 Gallon Container Shrub Planting	162.41	
		For >10 To 25, Deduct	*-8.12*	
		For >25 To 50, Deduct	*-20.30*	
		For >50 To 100, Deduct	*-32.48*	
		For >100, Deduct	*-48.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0047	EA	20 Gallon Container Shrub Planting	272.44	
		For >10 To 25, Deduct	*-13.62*	
		For >25 To 50, Deduct	*-34.06*	
		For >50 To 100, Deduct	*-54.49*	
		For >100, Deduct	*-81.73*	
32 93 83 00-0048	EA	25 Gallon Container Shrub Planting	348.92	
		For >10 To 25, Deduct	*-17.45*	
		For >25 To 50, Deduct	*-43.62*	
		For >50 To 100, Deduct	*-69.78*	
		For >100, Deduct	*-104.68*	
32 93 83 00-0049	EA	15" Balled And Burlapped Shrub Planting	73.35	
		For >10 To 25, Deduct	*-3.67*	
		For >25 To 50, Deduct	*-9.17*	
		For >50 To 100, Deduct	*-14.67*	
		For >100, Deduct	*-22.01*	
32 93 83 00-0050	EA	18" Balled And Burlapped Shrub Planting	75.96	
		For >10 To 25, Deduct	*-3.80*	
		For >25 To 50, Deduct	*-9.50*	
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-22.79*	
32 93 83 00-0051	EA	24" Balled And Burlapped Shrub Planting	83.83	
		For >10 To 25, Deduct	*-4.19*	
		For >25 To 50, Deduct	*-10.48*	
		For >50 To 100, Deduct	*-16.77*	
		For >100, Deduct	*-25.15*	
32 93 83 00-0052	EA	30" Balled And Burlapped Shrub Planting	83.83	
		For >10 To 25, Deduct	*-4.19*	
		For >25 To 50, Deduct	*-10.48*	
		For >50 To 100, Deduct	*-16.77*	
		For >100, Deduct	*-25.15*	
32 93 83 00-0053	EA	36" Balled And Burlapped Shrub Planting	91.68	
		For >10 To 25, Deduct	*-4.58*	
		For >25 To 50, Deduct	*-11.46*	
		For >50 To 100, Deduct	*-18.34*	
		For >100, Deduct	*-27.50*	
32 93 83 00-0054	EA	42" Balled And Burlapped Shrub Planting	96.93	
		For >10 To 25, Deduct	*-4.85*	
		For >25 To 50, Deduct	*-12.12*	
		For >50 To 100, Deduct	*-19.39*	
		For >100, Deduct	*-29.08*	
32 93 83 00-0055	EA	48" Balled And Burlapped Shrub Planting	104.78	
		For >10 To 25, Deduct	*-5.24*	
		For >25 To 50, Deduct	*-13.10*	
		For >50 To 100, Deduct	*-20.96*	
		For >100, Deduct	*-31.43*	
32 93 83 00-0056	EA	5' Balled And Burlapped Shrub Planting	157.17	
		For >10 To 25, Deduct	*-7.86*	
		For >25 To 50, Deduct	*-19.65*	
		For >50 To 100, Deduct	*-31.43*	
		For >100, Deduct	*-47.15*	
32 93 83 00-0057	EA	6' Balled And Burlapped Shrub Planting	222.66	
		For >10 To 25, Deduct	*-11.13*	
		For >25 To 50, Deduct	*-27.83*	
		For >50 To 100, Deduct	*-44.53*	
		For >100, Deduct	*-66.80*	
32 93 83 00-0058	EA	7' Balled And Burlapped Shrub Planting	296.01	
		For >10 To 25, Deduct	*-14.80*	
		For >25 To 50, Deduct	*-37.00*	
		For >50 To 100, Deduct	*-59.20*	
		For >100, Deduct	*-88.80*	
32 93 83 00-0059	EA	8' Balled And Burlapped Shrub Planting	335.30	
		For >10 To 25, Deduct	*-16.77*	
		For >25 To 50, Deduct	*-41.91*	
		For >50 To 100, Deduct	*-67.06*	
		For >100, Deduct	*-100.59*	
32 93 83 00-0060	EA	9' Balled And Burlapped Shrub Planting	361.50	
		For >10 To 25, Deduct	*-18.08*	
		For >25 To 50, Deduct	*-45.19*	
		For >50 To 100, Deduct	*-72.30*	
		For >100, Deduct	*-108.45*	
32 93 83 00-0061	EA	10' Balled And Burlapped Shrub Planting	392.93	
		For >10 To 25, Deduct	*-19.65*	
		For >25 To 50, Deduct	*-49.12*	
		For >50 To 100, Deduct	*-78.59*	
		For >100, Deduct	*-117.88*	

32 93 83 00-0062 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0063	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	2.18	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0064	EA	3" Diameter Potted Groundcover And Flower Planting	2.49	
		For >10 To 25, Deduct	*-0.12*	
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-0.75*	
32 93 83 00-0065	EA	4" Diameter Potted Groundcover And Flower Planting	2.91	
		For >10 To 25, Deduct	*-0.15*	
		For >25 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.58*	
		For >100, Deduct	*-0.87*	
32 93 83 00-0066	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	3.50	
		For >10 To 25, Deduct	*-0.18*	
		For >25 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.05*	
32 93 83 00-0067	EA	6" Diameter Potted Groundcover And Flower Planting	4.37	
		For >10 To 25, Deduct	*-0.22*	
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-0.87*	
		For >100, Deduct	*-1.31*	
32 93 83 00-0068	EA	8" Diameter Potted Groundcover And Flower Planting	6.55	
		For >10 To 25, Deduct	*-0.33*	
		For >25 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-1.97*	
32 93 83 00-0069	EA	1 Gallon Container Groundcover And Flower Planting	20.95	
		For >10 To 25, Deduct	*-1.05*	
		For >25 To 50, Deduct	*-2.62*	
		For >50 To 100, Deduct	*-4.19*	
		For >100, Deduct	*-6.29*	
32 93 83 00-0070	EA	2 Gallon Container Groundcover And Flower Planting	28.82	
		For >10 To 25, Deduct	*-1.44*	
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-5.76*	
		For >100, Deduct	*-8.65*	
32 93 83 00-0071	EA	3 Gallon Container Groundcover And Flower Planting	36.68	
		For >10 To 25, Deduct	*-1.83*	
		For >25 To 50, Deduct	*-4.59*	
		For >50 To 100, Deduct	*-7.34*	
		For >100, Deduct	*-11.00*	
32 93 83 00-0072	EA	4 Gallon Container Groundcover And Flower Planting	47.15	
		For >10 To 25, Deduct	*-2.36*	
		For >25 To 50, Deduct	*-5.89*	
		For >50 To 100, Deduct	*-9.43*	
		For >100, Deduct	*-14.15*	
32 93 83 00-0073	EA	5 Gallon Container Groundcover And Flower Planting	57.63	
		For >10 To 25, Deduct	*-2.88*	
		For >25 To 50, Deduct	*-7.20*	
		For >50 To 100, Deduct	*-11.53*	
		For >100, Deduct	*-17.29*	
32 93 83 00-0074	EA	7 Gallon Container Groundcover And Flower Planting	78.58	
		For >10 To 25, Deduct	*-3.93*	
		For >25 To 50, Deduct	*-9.82*	
		For >50 To 100, Deduct	*-15.72*	
		For >100, Deduct	*-23.57*	
32 93 83 00-0075	EA	Bulb Planting	1.31	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.39*	
32 93 83 00-0076	EA	Flats Of 24 Groundcover And Flower Planting	36.67	
		For >10 To 25, Deduct	*-1.83*	
		For >25, Deduct	*-4.58*	
32 93 83 00-0077	EA	Flats Of 36 Groundcover And Flower Planting	52.02	
		For >10 To 25, Deduct	*-2.60*	
		For >25, Deduct	*-6.50*	
32 93 83 00-0078	EA	Flats Of 48 Groundcover And Flower Planting	69.25	
		For >10 To 25, Deduct	*-3.46*	
		For >25, Deduct	*-8.66*	

32 93 83 00-0079 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0080	EA	2' x 1-1/4' Deep Tree Pit	131.84	
32 93 83 00-0081	EA	2' x 2-1/2' Deep Tree Pit	197.71	
32 93 83 00-0082	EA	2-1/2' x 1-1/2' Deep Tree Pit	256.01	
32 93 83 00-0083	EA	2-1/2' x 3' Deep Tree Pit	383.93	
32 93 83 00-0084	EA	3' x 1-3/4' Deep Tree Pit	394.01	
32 93 83 00-0085	EA	3' x 3-1/2' Deep Tree Pit	587.79	
32 93 83 00-0086	EA	3-1/2' x 1-3/4' Deep Tree Pit	482.13	
32 93 83 00-0087	EA	3-1/2' x 3-1/2' Deep Tree Pit	722.13	
32 93 83 00-0088	EA	4' x 2' Deep Tree Pit	576.02	
32 93 83 00-0089	EA	4' x 4' Deep Tree Pit	863.52	
32 93 83 00-0090	EA	4-1/2' x 2' Deep Tree Pit	828.03	
32 93 83 00-0091	EA	4-1/2' x 4' Deep Tree Pit	1,244.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0092	EA	5' x 2-1/4' Deep Tree Pit	1,101.41	
32 93 83 00-0093	EA	5' x 4-1/2' Deep Tree Pit	1,639.91	
32 93 83 00-0094	EA	6' x 2-1/2' Deep Tree Pit	1,562.05	
32 93 83 00-0095	EA	6' x 5' Deep Tree Pit	2,339.42	
32 93 83 00-0096	EA	7' x 3' Deep Tree Pit	2,630.75	
32 93 83 00-0097	EA	7' x 6' Deep Tree Pit	3,968.36	
32 93 83 00-0098	EA	8' x 3-1/4' Deep Tree Pit	3,614.27	
32 93 83 00-0099	EA	8' x 6-1/2' Deep Tree Pit	5,418.98	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top	6.39	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.37*	
		For >5,000 LF, Deduct	*-0.74*	
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top	3.84	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.23*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top	3.90	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top	3.94	1.33
		For >2,000 To 5,000 LF, Deduct	*-0.13*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	11.11	3.19
		For >1,000 LF, Deduct	*-1.19*	
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	12.09	3.19
		For >1,000 LF, Deduct	*-1.43*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	12.16	3.19
		For >1,000 LF, Deduct	*-1.45*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	13.89	3.29
		For >1,000 LF, Deduct	*-1.84*	
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	15.10	3.29
		For >1,000 LF, Deduct	*-2.14*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	15.08	3.29
		For >1,000 LF, Deduct	*-2.14*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	12.44	3.40
		For >1,000 LF, Deduct	*-1.43*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	13.79	3.40
		For >1,000 LF, Deduct	*-1.77*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	13.92	3.40
		For >1,000 LF, Deduct	*-1.80*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	15.61	3.50
		For >1,000 LF, Deduct	*-2.18*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	16.96	3.50
		For >1,000 LF, Deduct	*-2.52*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	17.07	3.50
		For >1,000 LF, Deduct	*-2.55*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	11.82	3.29
		For >1,000 LF, Deduct	*-1.31*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	13.80	3.29
		For >1,000 LF, Deduct	*-1.80*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	19.12	3.29
		For >1,000 LF, Deduct	*-3.13*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	8.97	3.19
		For >1,000 LF, Deduct	*-0.65*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	10.15	3.19
		For >1,000 LF, Deduct	*-0.95*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)	11.18	3.19
		For >1,000 LF, Deduct	*-1.21*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	11.40	3.19
		For >1,000 LF, Deduct	*-1.26*	

32 94 13 00-0025 Concrete Band, Cast In Place *(32 94 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 94 13 00-0026	LF	6" x 4" Concrete Band Note: Excludes base course.	18.94	9.55
		For Up To 20, Add	*11.27*	
		For >20 To 50, Add	*6.39*	
		For >50 To 100, Add	*2.44*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-4.14*	
32 94 13 00-0027	LF	6" x 6" Concrete Band Note: Excludes base course.	22.49	11.23
		For Up To 20, Add	*13.48*	
		For >20 To 50, Add	*7.64*	
		For >50 To 100, Add	*2.92*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000, Deduct	*-4.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0028	LF	8" x 6" Concrete Band Note: Excludes base course.	25.85	129.11
		For Up To 20, Add	*15.56*	
		For >20 To 50, Add	*8.82*	
		For >50 To 100, Add	*3.37*	
		For >500 To 1,000, Deduct	*-3.37*	
		For >1,000, Deduct	*-5.70*	
32 94 13 00-0029	LF	10" x 6" Concrete Band Note: Excludes base course.	28.64	140.34
		For Up To 20, Add	*17.23*	
		For >20 To 50, Add	*9.77*	
		For >50 To 100, Add	*3.73*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-6.32*	
32 94 13 00-0030	LF	12" x 6" Concrete Band Note: Excludes base course.	29.77	14.60
		For Up To 20, Add	*17.74*	
		For >20 To 50, Add	*10.05*	
		For >50 To 100, Add	*3.85*	
		For >500 To 1,000, Deduct	*-3.85*	
		For >1,000, Deduct	*-6.51*	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	1" x 4" Redwood Edging	5.67	1.87
32 94 16 00-0002	LF	2" x 4" Redwood Edging	7.76	2.81
32 94 16 00-0003	LF	3" x 4" Pressure Treated Landscape Timber Note: 2 rounded edges and 2 straight edges.	6.18	2.81
32 94 16 00-0004	LF	3" x 5" Pressure Treated Landscape Timber Note: 2 rounded edges and 2 straight edges.	8.07	3.63
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	11.44	3.75
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	14.99	4.69
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	17.46	5.51
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	4.42	1.87
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	6.71	2.81
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	10.87	3.63
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	14.86	4.69
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	18.24	5.51
32 94 16 00-0013	LF	6" x 8" Railroad Ties	15.94	5.12
32 94 16 00-0014	LF	7" x 9" Railroad Ties	19.18	6.43

32 94 23 Plant Protection *(32 94)*

32 94 23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge	2.89	

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,090.78	66.95
		For >3 To 9, Deduct	*-71.77*	
		For >9, Deduct	*-148.32*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 Lb., Cast Iron Tree Grate With Frame	1,264.75	66.95
		For >3 To 9, Deduct	*-84.81*	
		For >9, Deduct	*-175.28*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 Lb., Cast Iron Tree Grate With Frame	1,526.84	89.26
		For >3 To 9, Deduct	*-101.12*	
		For >9, Deduct	*-208.99*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,905.50	89.26
		For >3 To 9, Deduct	*-129.52*	
		For >9, Deduct	*-267.68*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 Lb., Cast Iron Tree Grate With Frame	2,443.93	111.58
		For >3 To 9, Deduct	*-166.56*	
		For >9, Deduct	*-344.22*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 Lb., Cast Iron Tree Grate With Frame	2,560.19	133.89
		For >3 To 9, Deduct	*-171.93*	
		For >9, Deduct	*-355.33*	
32 94 43 00-0009	EA	60" Diameter, >350 Lb., Cast Iron Tree Grate With Frame	2,823.71	133.89
		For >3 To 9, Deduct	*-191.70*	
		For >9, Deduct	*-396.17*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 Lb., Cast Iron Tree Grate With Frame	3,756.57	189.67
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,910.08	189.67
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,038.01	189.67
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,140.35	189.67
		For >3 To 9, Deduct	*-282.08*	
		For >9, Deduct	*-582.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0014	EA	72" Diameter, >700 Lb., Cast Iron Tree Grate With Frame	4,217.10	189.67
		For >3 To 9, Deduct	*-287.83*	
		For >9, Deduct	*-594.85*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 Lb., Cast Iron Tree Grate With Frame	4,621.77	223.15
		For >3 To 9, Deduct	*-313.16*	
		For >9, Deduct	*-647.20*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 Lb., Cast Iron Tree Grate With Frame	1,003.78	66.95
		For >3 To 9, Deduct	*-65.24*	
		For >9, Deduct	*-134.83*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,221.25	66.95
		For >3 To 9, Deduct	*-81.55*	
		For >9, Deduct	*-168.54*	
32 94 43 00-0019	EA	48" x 48", Up To 200 Lb., Cast Iron Tree Grate With Frame	1,809.42	111.58
		For >3 To 9, Deduct	*-118.97*	
		For >9, Deduct	*-245.87*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 Lb., Cast Iron Tree Grate With Frame	2,142.03	111.58
		For >3 To 9, Deduct	*-143.92*	
		For >9, Deduct	*-297.43*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 Lb., Cast Iron Tree Grate With Frame	2,449.05	111.58
		For >3 To 9, Deduct	*-166.94*	
		For >9, Deduct	*-345.01*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 Lb., Cast Iron Tree Grate With Frame	2,730.48	111.58
		For >3 To 9, Deduct	*-188.05*	
		For >9, Deduct	*-388.64*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 Lb., Cast Iron Tree Grate With Frame	2,986.33	111.58
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0024	EA	48" x 48", >400 Lb., Cast Iron Tree Grate With Frame	3,216.59	111.58
		For >3 To 9, Deduct	*-224.51*	
		For >9, Deduct	*-463.98*	
32 94 43 00-0025	EA	60" x 60", Up To 400 Lb., Cast Iron Tree Grate With Frame	3,075.59	156.20
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 Lb., Cast Iron Tree Grate With Frame	3,305.85	156.20
		For >3 To 9, Deduct	*-224.51*	
		For >9, Deduct	*-463.98*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 Lb., Cast Iron Tree Grate With Frame	3,510.53	156.20
		For >3 To 9, Deduct	*-239.86*	
		For >9, Deduct	*-495.71*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,689.63	156.20
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,843.14	156.20
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0030	EA	60" x 60", >600 Lb., Cast Iron Tree Grate With Frame	3,971.07	156.20
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0031	EA	72" x 72", Up To 550 Lb., Cast Iron Tree Grate With Frame	3,756.57	189.67
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,910.08	189.67
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,038.01	189.67
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,140.35	189.67
		For >3 To 9, Deduct	*-282.08*	
		For >9, Deduct	*-582.96*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 Lb., Cast Iron Tree Grate With Frame	4,217.10	189.67
		For >3 To 9, Deduct	*-287.83*	
		For >9, Deduct	*-594.85*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 Lb., Cast Iron Tree Grate With Frame	4,268.27	189.67
		For >3 To 9, Deduct	*-291.67*	
		For >9, Deduct	*-602.78*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 Lb., Cast Iron Tree Grate With Frame	4,293.85	189.67
		For >3 To 9, Deduct	*-293.59*	
		For >9, Deduct	*-606.75*	
32 94 43 00-0038	EA	72" x 72", >850 Lb., Cast Iron Tree Grate With Frame	4,319.44	189.67
		For >3 To 9, Deduct	*-295.51*	
		For >9, Deduct	*-610.71*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,905.50	89.26
		For >3 To 9, Deduct	*-129.52*	
		For >9, Deduct	*-267.68*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,943.87	89.26
		For >3 To 9, Deduct	*-132.40*	
		For >9, Deduct	*-273.63*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 Lb., Cast Iron Tree Grate With Frame	2,374.85	111.58
		For >3 To 9, Deduct	*-161.38*	
		For >9, Deduct	*-333.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0043	EA	48" x 72", Up To 350 Lb., Cast Iron Tree Grate With Frame	2,802.12	111.58
		For >3 To 9, Deduct	*-193.42*	
		For >9, Deduct	*-399.74*	
32 94 43 00-0044	EA	48" x 72", >350 Lb., Cast Iron Tree Grate With Frame	2,986.33	111.58
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 Lb., Cast Iron Tree Grate With Frame	3,986.83	189.67
		For >3 To 9, Deduct	*-270.56*	
		For >9, Deduct	*-559.16*	

32 94 46 Tree Grids *(32 94)*

32 94 46 00-0001 Tree Wells *(32 94 46)*

32 94 46 00-0002	EA	Type 1, Case 1 Tree Well, 4'-1" x 4'-1" x 3" Permeable Concrete Cover Note: Includes saw cutting, concrete removal, excavation, 3" permeable concrete tree well cover, premolded joint filler, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,033.30	111.58
32 94 46 00-0003	EA	Type 1, Case 2 Tree Well, 2'-11" x 5'-6" x 3" Permeable Concrete Cover Note: Includes saw cutting, concrete removal, excavation, 3" permeable concrete tree well cover, premolded joint filler, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,005.97	89.26
32 94 46 00-0004	EA	Type 2, Case 1 Tree Well, 4'-1" x 4'-1" x 3" "Manhole" Brick Cover Note: Includes saw cutting, concrete removal, excavation, manhole brick tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,225.46	111.58
32 94 46 00-0005	EA	Type 2, Case 2 Tree Well, 2'-11" x 5'-6" x 3" "Manhole" Brick Cover Note: Includes saw cutting, concrete removal, excavation, manhole brick tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,194.97	89.26
32 94 46 00-0006	EA	Type 3, Case 1 Tree Well, 4'-1" x 4'-1" x 3" Hollow Concrete Block Cover Note: Includes saw cutting, concrete removal, excavation, hollow concrete block tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,122.33	111.58
32 94 46 00-0007	EA	Type 3, Tree Well, 3' x 18" Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	224.62	
32 94 46 00-0008	EA	Type 3, Tree Well, 4' x 24" Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	340.31	
32 94 46 00-0009	EA	Type 3, Tree Well, 3' x 3' Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	418.50	
32 94 46 00-0010	EA	Type 3, Tree Well, 4' x 4' Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	632.95	
32 94 46 00-0011	EA	Type 4 Tree Well, 5' x 5' Cast Iron Grate With Frame Note: Includes saw cutting, concrete removal, excavation, cast iron grate with frame, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	4,339.06	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	29.02
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	51.41
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	88.40

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	122.39
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	165.14
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	211.67
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	273.21

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	7.90
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	13.12
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	25.96
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	40.10

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	12.89
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	11.91

32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	8.25

32 94 49 00-0021 Root Barriers *(32 94 49)*

32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	13.53
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	19.09

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	22.53	
	32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	42.05	
	32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	58.02	
32 94 49 00-0027			Silva Cells *(32 94 49)*		
			Note: Excludes excavation, earthwork, crushed aggregate base, backfill, compaction, planting soil, tree and mulch. See CSI section 31 23 16 36-0001 for excavation, 31 23 16 36-0016 for backfill, 31 23 16 36-0020 for compaction, 32 11 16 16-0000 for crushed aggregate base, 32 91 13 16-0001 for mulch, 32 91 19 13-0010 for planting soil.		
	32 94 49 00-0028	EA	48" x 24" x 30.9" High Silva Cell 2 - 2x System (DeepRoot SC2-2X) Note: Includes one SC2 base, one SC2 deck and six 2X posts.	404.14	
	32 94 49 00-0029	EA	10" Long x 19/64" Diameter Galvanized Timber Spikes (DeepRoot SC Spike)	3.21	
	32 94 49 00-0030	EA	25" Long Cable/Zip Ties (DeepRoot SC2-Cable ties)	0.98	
	32 94 49 00-0031	SF	Bi/Uniaxial GeoGrid, Miragrid 2XT/ SG150 (DeepRoot SC2-GG 12-150)	0.74	
	32 94 49 00-0032	SF	Woven PP Geotextile Fabric (DeepRoot GT-570)	0.82	
	32 94 49 00-0033	EA	Strong Back, Silva Cell 2 (DeepRoot SC2-SB)	116.64	
	32 94 49 00-0034	LF	18" x 2' Universal Tree Root Guide (DeepRoot UB 18-2)	13.54	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate *(32 96 33)*

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	89.65	
		For >25 To 50, Deduct	*-8.97*	
		For >50, Deduct	*-13.45*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	121.30	
		For >25 To 50, Deduct	*-12.13*	
		For >50, Deduct	*-18.20*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	205.67	
		For >25 To 50, Deduct	*-20.57*	
		For >50, Deduct	*-30.85*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	316.41	
		For >25 To 50, Deduct	*-31.64*	
		For >50, Deduct	*-47.46*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate *(32 96 43)*

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0982 for crane lifting equipment, 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	334.61	
		For >5 To 10, Deduct	*-16.73*	
		For >10 To 20, Deduct	*-33.46*	
		For >20, Deduct	*-50.19*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	458.88	
		For >5 To 10, Deduct	*-22.94*	
		For >10 To 20, Deduct	*-45.89*	
		For >20, Deduct	*-68.83*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	743.56	
		For >5 To 10, Deduct	*-37.18*	
		For >10 To 20, Deduct	*-74.36*	
		For >20, Deduct	*-111.53*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,235.46	
		For >5 To 10, Deduct	*-61.77*	
		For >10 To 20, Deduct	*-123.55*	
		For >20, Deduct	*-185.32*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	2,007.63	
		For >5 To 10, Deduct	*-100.38*	
		For >10 To 20, Deduct	*-200.76*	
		For >20, Deduct	*-301.14*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,590.49	
		For >5 To 10, Deduct	*-129.52*	
		For >10 To 20, Deduct	*-259.05*	
		For >20, Deduct	*-388.57*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	3,346.04	
		For >5 To 10, Deduct	*-167.30*	
		For >10 To 20, Deduct	*-334.60*	
		For >20, Deduct	*-501.91*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	4,015.26	
		For >5 To 10, Deduct	*-200.76*	
		For >10 To 20, Deduct	*-401.53*	
		For >20, Deduct	*-602.29*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	4,562.79	
		For >5 To 10, Deduct	*-228.14*	
		For >10 To 20, Deduct	*-456.28*	
		For >20, Deduct	*-684.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Set-up And Removal Of Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	1,182.80	
33 01 10 58-0003	EA	Move And Set-up At Different Access/Location For Water Main Disinfection/Sterilization, Gas Chlorination Method	591.40	
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.45	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.05*	
		For >1,000 To 2,000, Deduct	*-0.07*	
		For >2,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.11*	
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.68	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.07*	
		For >1,000 To 2,000, Deduct	*-0.10*	
		For >2,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.17*	
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.89	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000 To 2,000, Deduct	*-0.13*	
		For >2,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.22*	
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	1.04	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.10*	
		For >1,000 To 2,000, Deduct	*-0.16*	
		For >2,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.26*	
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	1.37	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.14*	
		For >1,000 To 2,000, Deduct	*-0.21*	
		For >2,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.34*	
33 01 10 58-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.54	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.23*	
		For >2,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.39*	
33 01 10 58-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.77	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000 To 2,000, Deduct	*-0.27*	
		For >2,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.44*	
33 01 10 58-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	2.08	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000 To 2,000, Deduct	*-0.31*	
		For >2,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.52*	
33 01 10 58-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	2.69	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 2,000, Deduct	*-0.40*	
		For >2,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.67*	
33 01 10 58-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	3.94	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000 To 2,000, Deduct	*-0.59*	
		For >2,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-0.99*	
33 01 10 58-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	5.46	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 2,000, Deduct	*-0.82*	
		For >2,000 To 5,000, Deduct	*-1.09*	
		For >5,000, Deduct	*-1.37*	

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

See CSI section 33 01 30 71-0000 for relining water pipelines.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0001		**Relining Underground Water Pipelines** *(33 01 10 71)* Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hour response for owners' backups.		
33 01 10 71-0002		**Set-Up And Reinsertion For Relining Underground Water Pipelines** *(33 01 10 71-0001)*		
33 01 10 71-0003	EA	Initial Set-up And Final Equipment Removal For Relining Underground Water Pipelines	5,653.29	
33 01 10 71-0004	EA	Move And Set-up At Different Access/Location	2,261.32	
33 01 10 71-0005		**Lining Pipe With Cement** *(33 01 10 71-0001)*		
33 01 10 71-0006	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	67.65	
		For 3/16" Thickness, Add	*1.31*	
		For 1/4" Thickness, Add	*2.62*	
33 01 10 71-0007	LF	>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	60.31	
		For 3/16" Thickness, Add	*1.31*	
		For 1/4" Thickness, Add	*2.62*	
33 01 10 71-0008	LF	>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	50.47	
		For 3/16" Thickness, Add	*1.31*	
		For 1/4" Thickness, Add	*2.62*	
33 01 10 71-0009	LF	>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	38.11	
		For 3/16" Thickness, Add	*1.31*	
		For 1/4" Thickness, Add	*2.62*	
33 01 10 71-0010	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	70.62	
		For 3/16" Thickness, Add	*1.96*	
		For 1/4" Thickness, Add	*3.91*	
33 01 10 71-0011	LF	>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	63.00	
		For 3/16" Thickness, Add	*1.96*	
		For 1/4" Thickness, Add	*3.91*	
33 01 10 71-0012	LF	>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	52.83	
		For 3/16" Thickness, Add	*1.96*	
		For 1/4" Thickness, Add	*3.91*	
33 01 10 71-0013	LF	>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	40.30	
		For 3/16" Thickness, Add	*1.96*	
		For 1/4" Thickness, Add	*3.91*	
33 01 10 71-0014	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	73.49	
		For 3/16" Thickness, Add	*2.61*	
		For 1/4" Thickness, Add	*5.21*	
33 01 10 71-0015	LF	>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	65.71	
		For 3/16" Thickness, Add	*2.61*	
		For 1/4" Thickness, Add	*5.21*	
33 01 10 71-0016	LF	>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	55.19	
		For 3/16" Thickness, Add	*2.61*	
		For 1/4" Thickness, Add	*5.21*	
33 01 10 71-0017	LF	>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	42.49	
		For 3/16" Thickness, Add	*2.61*	
		For 1/4" Thickness, Add	*5.21*	
33 01 10 71-0018	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	75.77	
		For 3/16" Thickness, Add	*3.27*	
		For 1/4" Thickness, Add	*6.53*	
33 01 10 71-0019	LF	>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	67.86	
		For 3/16" Thickness, Add	*3.27*	
		For 1/4" Thickness, Add	*6.53*	
33 01 10 71-0020	LF	>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	57.18	
		For 3/16" Thickness, Add	*3.27*	
		For 1/4" Thickness, Add	*6.53*	
33 01 10 71-0021	LF	>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	44.72	
		For 3/16" Thickness, Add	*3.27*	
		For 1/4" Thickness, Add	*6.53*	
33 01 10 71-0022	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	82.07	
		For 3/16" Thickness, Add	*3.92*	
		For 1/4" Thickness, Add	*7.83*	
33 01 10 71-0023	LF	>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	73.66	
		For 3/16" Thickness, Add	*3.92*	
		For 1/4" Thickness, Add	*7.83*	
33 01 10 71-0024	LF	>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	62.31	
		For 3/16" Thickness, Add	*3.92*	
		For 1/4" Thickness, Add	*7.83*	
33 01 10 71-0025	LF	>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	48.83	
		For 3/16" Thickness, Add	*3.92*	
		For 1/4" Thickness, Add	*7.83*	
33 01 10 71-0026	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	89.55	
		For 1/4" Thickness, Add	*4.35*	
		For 5/16" Thickness, Add	*8.71*	
33 01 10 71-0027	LF	>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	80.82	
		For 1/4" Thickness, Add	*4.35*	
		For 5/16" Thickness, Add	*8.71*	
33 01 10 71-0028	LF	>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	69.00	
		For 1/4" Thickness, Add	*4.35*	
		For 5/16" Thickness, Add	*8.71*	
33 01 10 71-0029	LF	>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	56.07	
		For 1/4" Thickness, Add	*4.35*	
		For 5/16" Thickness, Add	*8.71*	
33 01 10 71-0030	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	94.38	
		For 1/4" Thickness, Add	*5.22*	
		For 5/16" Thickness, Add	*10.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0031	LF	>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	85.38	
		For 1/4" Thickness, Add	*5.22*	
		For 5/16" Thickness, Add	*10.43*	
33 01 10 71-0032	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	73.16	
		For 1/4" Thickness, Add	*5.22*	
		For 5/16" Thickness, Add	*10.43*	
33 01 10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	60.92	
		For 1/4" Thickness, Add	*5.22*	
		For 5/16" Thickness, Add	*10.43*	
33 01 10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	100.26	
		For 1/4" Thickness, Add	*6.09*	
		For 5/16" Thickness, Add	*12.18*	
33 01 10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	90.95	
		For 1/4" Thickness, Add	*6.09*	
		For 5/16" Thickness, Add	*12.18*	
33 01 10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	78.13	
		For 1/4" Thickness, Add	*6.09*	
		For 5/16" Thickness, Add	*12.18*	
33 01 10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	66.67	
		For 1/4" Thickness, Add	*6.09*	
		For 5/16" Thickness, Add	*12.18*	
33 01 10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	106.24	
		For 1/4" Thickness, Add	*6.96*	
		For 5/16" Thickness, Add	*13.92*	
33 01 10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	96.54	
		For 1/4" Thickness, Add	*6.96*	
		For 5/16" Thickness, Add	*13.92*	
33 01 10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	83.33	
		For 1/4" Thickness, Add	*6.96*	
		For 5/16" Thickness, Add	*13.92*	
33 01 10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	72.66	
		For 1/4" Thickness, Add	*6.96*	
		For 5/16" Thickness, Add	*13.92*	
33 01 10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	114.70	
		For 1/4" Thickness, Add	*8.70*	
		For 5/16" Thickness, Add	*17.39*	
33 01 10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	104.44	
		For 1/4" Thickness, Add	*8.70*	
		For 5/16" Thickness, Add	*17.39*	
33 01 10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	90.45	
		For 1/4" Thickness, Add	*8.70*	
		For 5/16" Thickness, Add	*17.39*	
33 01 10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	79.67	
		For 1/4" Thickness, Add	*8.70*	
		For 5/16" Thickness, Add	*17.39*	
33 01 10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	123.09	
		For 1/4" Thickness, Add	*10.44*	
		For 5/16" Thickness, Add	*20.89*	
33 01 10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	112.39	
		For 1/4" Thickness, Add	*10.44*	
		For 5/16" Thickness, Add	*20.89*	
33 01 10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	97.60	
		For 1/4" Thickness, Add	*10.44*	
		For 5/16" Thickness, Add	*20.89*	
33 01 10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	86.70	
		For 1/4" Thickness, Add	*10.44*	
		For 5/16" Thickness, Add	*20.89*	
33 01 10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	155.10	
		For 3/8" Thickness, Add	*27.40*	
		For 7/16" Thickness, Add	*41.10*	
33 01 10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	143.42	
		For 3/8" Thickness, Add	*27.40*	
		For 7/16" Thickness, Add	*41.10*	
33 01 10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	127.35	
		For 3/8" Thickness, Add	*27.40*	
		For 7/16" Thickness, Add	*41.10*	
33 01 10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	116.13	
		For 3/8" Thickness, Add	*27.40*	
		For 7/16" Thickness, Add	*41.10*	
33 01 10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	171.35	
		For 3/8" Thickness, Add	*31.32*	
		For 7/16" Thickness, Add	*46.97*	
33 01 10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	158.87	
		For 3/8" Thickness, Add	*31.32*	
		For 7/16" Thickness, Add	*46.97*	
33 01 10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	141.58	
		For 3/8" Thickness, Add	*31.32*	
		For 7/16" Thickness, Add	*46.97*	
33 01 10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	130.13	
		For 3/8" Thickness, Add	*31.32*	
		For 7/16" Thickness, Add	*46.97*	
33 01 10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	181.19	
		For 3/8" Thickness, Add	*35.23*	
		For 7/16" Thickness, Add	*52.84*	
33 01 10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	168.44	
		For 3/8" Thickness, Add	*35.23*	
		For 7/16" Thickness, Add	*52.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	150.76	
		For 3/8" Thickness, Add	*35.23*	
		For 7/16" Thickness, Add	*52.84*	
33 01 10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	139.75	
		For 3/8" Thickness, Add	*35.23*	
		For 7/16" Thickness, Add	*52.84*	
33 01 10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	191.06	
		For 3/8" Thickness, Add	*39.15*	
		For 7/16" Thickness, Add	*58.73*	
33 01 10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	178.09	
		For 3/8" Thickness, Add	*39.15*	
		For 7/16" Thickness, Add	*58.73*	
33 01 10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	160.06	
		For 3/8" Thickness, Add	*39.15*	
		For 7/16" Thickness, Add	*58.73*	
33 01 10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	149.39	
		For 3/8" Thickness, Add	*39.15*	
		For 7/16" Thickness, Add	*58.73*	
33 01 10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	201.25	
		For 3/8" Thickness, Add	*43.07*	
		For 7/16" Thickness, Add	*64.60*	
33 01 10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	188.00	
		For 3/8" Thickness, Add	*43.07*	
		For 7/16" Thickness, Add	*64.60*	
33 01 10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	169.69	
		For 3/8" Thickness, Add	*43.07*	
		For 7/16" Thickness, Add	*64.60*	
33 01 10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	159.81	
		For 3/8" Thickness, Add	*43.07*	
		For 7/16" Thickness, Add	*64.60*	
33 01 10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	211.89	
		For 3/8" Thickness, Add	*46.98*	
		For 7/16" Thickness, Add	*70.46*	
33 01 10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	198.40	
		For 3/8" Thickness, Add	*46.98*	
		For 7/16" Thickness, Add	*70.46*	
33 01 10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	179.65	
		For 3/8" Thickness, Add	*46.98*	
		For 7/16" Thickness, Add	*70.46*	
33 01 10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	170.32	
		For 3/8" Thickness, Add	*46.98*	
		For 7/16" Thickness, Add	*70.46*	

33 01 10 71-0074 Lining Pipe With Epoxy *(33 01 10 71-0001)*

33 01 10 71-0075	LF	Up To 500', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	64.03	
33 01 10 71-0076	LF	>500' To 1,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.28	
33 01 10 71-0077	LF	>1,000' To 5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	48.21	
33 01 10 71-0078	LF	>5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	43.68	
33 01 10 71-0079	LF	Up To 500', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	67.66	
33 01 10 71-0080	LF	>500' To 1,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	60.66	
33 01 10 71-0081	LF	>1,000' To 5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	51.29	
33 01 10 71-0082	LF	>5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	46.58	
33 01 10 71-0083	LF	Up To 500', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	71.18	
33 01 10 71-0084	LF	>500' To 1,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	64.02	
33 01 10 71-0085	LF	>1,000' To 5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	54.33	
33 01 10 71-0086	LF	>5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	49.57	
33 01 10 71-0087	LF	Up To 500', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	68.37	
33 01 10 71-0088	LF	>500' To 1,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.89	
33 01 10 71-0089	LF	>1,000' To 5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.09	
33 01 10 71-0090	LF	>5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	52.22	
33 01 10 71-0091	LF	Up To 500', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	80.87	
33 01 10 71-0092	LF	>500' To 1,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	73.12	
33 01 10 71-0093	LF	>1,000' To 5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	62.67	
33 01 10 71-0094	LF	>5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.40	
33 01 10 71-0095	LF	Up To 500', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	86.12	
33 01 10 71-0096	LF	>500' To 1,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	78.06	
33 01 10 71-0097	LF	>1,000' To 5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	67.19	
33 01 10 71-0098	LF	>5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.69	
33 01 10 71-0099	LF	Up To 500', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	91.27	
33 01 10 71-0100	LF	>500' To 1,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	83.00	
33 01 10 71-0101	LF	1,000' To 5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	71.76	
33 01 10 71-0102	LF	>5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.07	
33 01 10 71-0103	LF	Up To 500', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	97.45	
33 01 10 71-0104	LF	>500' To 1,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	88.87	
33 01 10 71-0105	LF	>1,000' To 5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	77.08	
33 01 10 71-0106	LF	>5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	71.29	
33 01 10 71-0107	LF	Up To 500', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	103.65	
33 01 10 71-0108	LF	>500' To 1,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	94.74	
33 01 10 71-0109	LF	>1,000' To 5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	82.58	
33 01 10 71-0110	LF	>5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	76.49	
33 01 10 71-0111	LF	Up To 500', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	112.94	
33 01 10 71-0112	LF	>500' To 1,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	103.50	
33 01 10 71-0113	LF	>1,000' To 5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	90.63	
33 01 10 71-0114	LF	>5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	84.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0115	LF	Up To 500', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	122.13	
33 01 10 71-0116	LF	>500' To 1,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	112.28	
33 01 10 71-0117	LF	>1,000' To 5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	98.68	
33 01 10 71-0118	LF	>5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	91.92	
33 01 10 71-0119	LF	Up To 500', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	136.27	
33 01 10 71-0120	LF	>500' To 1,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	125.53	
33 01 10 71-0121	LF	>1,000' To 5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	110.75	
33 01 10 71-0122	LF	>5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	103.42	
33 01 10 71-0123	LF	Up To 500', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	150.33	
33 01 10 71-0124	LF	>500' To 1,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	138.83	
33 01 10 71-0125	LF	>1,000' To 5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	122.95	
33 01 10 71-0126	LF	>5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	115.09	
33 01 10 71-0127	LF	Up To 500', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	158.46	
33 01 10 71-0128	LF	>500' To 1,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	146.72	
33 01 10 71-0129	LF	>1,000' To 5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	130.47	
33 01 10 71-0130	LF	>5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	122.39	
33 01 10 71-0131	LF	Up To 500', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	166.57	
33 01 10 71-0132	LF	>500' To 1,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	154.64	
33 01 10 71-0133	LF	>1,000' To 5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	138.06	
33 01 10 71-0134	LF	>5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	129.48	

33 01 10 71-0135 Water House Connection *(33 01 10 71-0001)*

33 01 10 71-0136	EA	Blow Out Line To Water House Connection After Lining	59.14	

33 01 20 Operation and Maintenance of Wells *(33 01)*

33 01 20 00-0001 Pull Submersible Well Pumps For Repair *(33 01 20)*

Note: Includes cleaning.

33 01 20 00-0002	EA	Up To 100' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	100.37	
33 01 20 00-0003	EA	>100 To 200' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	133.83	
33 01 20 00-0004	EA	>200 To 300' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	173.98	
33 01 20 00-0005	EA	>300 To 400' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	227.50	
33 01 20 00-0006	EA	>400 To 500' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	281.04	
33 01 20 00-0007	EA	>500 To 600' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	321.18	

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Set-up For Video Camera *(33 01 30 11-0001)*

Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet. Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).

33 01 30 11-0003	EA	Initial Set-up And Final Equipment Removal For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	997.60	
33 01 30 11-0004	EA	Initial Set-up And Final Equipment Removal For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert	1,995.21	
33 01 30 11-0005	EA	Initial Set-up And Final Equipment Removal For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,992.81	
33 01 30 11-0006	EA	Move And Set-up At Different Access/Location For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	498.81	
33 01 30 11-0007	EA	Move And Set-up At Different Access/Location For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	997.60	

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.53	
		For >500 To 1,000, Deduct		*-0.25*
		For >1,000 To 5,000, Deduct		*-0.63*
		For >5,000, Deduct		*-0.89*
		For Inspection Not Requiring Pre-cleaning, Deduct		*-0.38*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.37	
		For >500 To 1,000, Deduct		*-0.34*
		For >1,000 To 5,000, Deduct		*-0.84*
		For >5,000, Deduct		*-1.18*
		For Inspection Not Requiring Pre-cleaning, Deduct		*-0.51*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase	4.21	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.47*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.63*	
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase	5.62	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-1.97*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.84*	
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase	7.91	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-2.77*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.19*	
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	10.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000 To 5,000, Deduct	*-2.64*	
		For >5,000, Deduct	*-3.69*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.58*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	14.88	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000 To 5,000, Deduct	*-3.72*	
		For >5,000, Deduct	*-5.21*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-2.23*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	21.07	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000 To 5,000, Deduct	*-5.27*	
		For >5,000, Deduct	*-7.37*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-3.16*	

33 01 30 11-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.74	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000 To 5,000, Deduct	*-0.94*	
		For >5,000, Deduct	*-1.31*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.99	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 5,000, Deduct	*-1.25*	
		For >5,000, Deduct	*-1.75*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	6.23	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 5,000, Deduct	*-1.56*	
		For >5,000, Deduct	*-2.18*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	8.31	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000 To 5,000, Deduct	*-2.08*	
		For >5,000, Deduct	*-2.91*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	11.69	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000 To 5,000, Deduct	*-2.92*	
		For >5,000, Deduct	*-4.09*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	15.59	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000 To 5,000, Deduct	*-3.90*	
		For >5,000, Deduct	*-5.46*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	22.01	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000 To 5,000, Deduct	*-5.50*	
		For >5,000, Deduct	*-7.70*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	31.17	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000 To 5,000, Deduct	*-7.79*	
		For >5,000, Deduct	*-10.91*	

33 01 30 11-0026 Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.67	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 5,000, Deduct	*-0.67*	
		For >5,000, Deduct	*-0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.57	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000 To 5,000, Deduct	*-0.89*	
		For >5,000, Deduct	*-1.25*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.45	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000 To 5,000, Deduct	*-1.11*	
		For >5,000, Deduct	*-1.56*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.94	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 5,000, Deduct	*-1.49*	
		For >5,000, Deduct	*-2.08*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	8.35	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000 To 5,000, Deduct	*-2.09*	
		For >5,000, Deduct	*-2.92*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	11.13	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 5,000, Deduct	*-2.78*	
		For >5,000, Deduct	*-3.90*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase	15.71	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 5,000, Deduct	*-3.93*	
		For >5,000, Deduct	*-5.50*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase	22.27	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.23*	
		For >1,000 To 5,000, Deduct	*-5.57*	
		For >5,000, Deduct	*-7.79*	

33 01 30 23 Pipe Bursting *(33 01 30)*

33 01 30 23-0001 Pipe Bursting *(33 01 30 23)*

Note: The following section excludes costs for CCTV Inspection, sewer cleaning, pavement both temporary and permanent, emergency after hour response for owners' backups, bypass pumping, tree removal, service saddles, soil testing, and erosion control. See CSI section 31 13 13 00-0001 for tree removal.

33 01 30 23-0002 Manhole Chipping *(33 01 30 23-0001)*

Note: For use at manholes to open holes for pipe bursting head.

33 01 30 23-0003	EA	6" To 15" Diameter, Manhole Chipping	422.51
33 01 30 23-0004	EA	>15" To 24" Diameter, Manhole Chipping	496.03
33 01 30 23-0005	EA	>24" To 36" Diameter, Manhole Chipping	620.00

33 01 30 23-0006 Pipe Bursting *(33 01 30 23-0001)*

Note: Includes equipment to burst or upsize existing clay, cast iron, concrete, PVC or ductile iron pipe; pipe bursting royalty fee. Excludes CCTV inspection, PE piping, excavation of pit, backfill, compaction, final grade, seed and sod restoration, recovery of bursting head disabled by obstruction, either undocumented or unrecognizable during CCTV inspection. See CSI section 33 01 30 23-0051 for PE piping.

33 01 30 23-0007 Set-up For Pipe Bursting Equipment *(33 01 30 23-0006)*

33 01 30 23-0008	EA	Initial Set-up And Final Equipment Removal For Up To 12" Underground Pipelines For Pipe Bursting Equipment	7,309.90
33 01 30 23-0009	EA	Initial Set-up And Final Equipment Removal For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment	10,964.85
33 01 30 23-0010	EA	Initial Set-up And Final Equipment Removal For > 24" To 36" Underground Pipelines For Pipe Bursting Equipment	18,274.75
33 01 30 23-0011	EA	Move And Set-up At Different Access/Location For Up To 12" Underground Pipelines For Pipe Bursting Equipment	2,741.22
33 01 30 23-0012	EA	Move And Set-up At Different Access/Location For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment	4,111.82
33 01 30 23-0013	EA	Move And Set-up At Different Access/Location For > 2" To 36" Underground Pipelines For Pipe Bursting Equipment	6,853.03
33 01 30 23-0014	EA	Move And Set-up Pipe Bursting Equipment For Laterals	1,827.48

33 01 30 23-0015 Pneumatic Head Pipe Bursting *(33 01 30 23-0006)*

33 01 30 23-0016	LF	4" Diameter, Pneumatic Head Pipe Bursting	26.59	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.08*	
		For >150 To 200, Add	*1.25*	
		For >100 To 150, Add	*2.49*	
		For >75 To 100, Add	*3.74*	
		For >50 To 75, Add	*4.98*	
		For >25 To 50, Add	*6.64*	
		For Up To 25, Add	*9.14*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.08*	
		For Bursting Ductile Iron Pipe, Add	*6.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0017	LF	6" Diameter, Pneumatic Head Pipe Bursting	30.58	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.58*	
		For >150 To 200, Add	*1.55*	
		For >100 To 150, Add	*3.09*	
		For >75 To 100, Add	*4.64*	
		For >50 To 75, Add	*6.18*	
		For >25 To 50, Add	*8.24*	
		For Up To 25, Add	*11.33*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.58*	
		For Bursting Ductile Iron Pipe, Add	*8.30*	
33 01 30 23-0018	LF	8" Diameter, Pneumatic Head Pipe Bursting	34.33	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.04*	
		For >150 To 200, Add	*1.83*	
		For >100 To 150, Add	*3.65*	
		For >75 To 100, Add	*5.48*	
		For >50 To 75, Add	*7.31*	
		For >25 To 50, Add	*9.74*	
		For Up To 25, Add	*13.39*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.04*	
		For Bursting Ductile Iron Pipe, Add	*9.53*	
33 01 30 23-0019	LF	10" Diameter, Pneumatic Head Pipe Bursting	39.16	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.65*	
		For >150 To 200, Add	*2.19*	
		For >100 To 150, Add	*4.38*	
		For >75 To 100, Add	*6.57*	
		For >50 To 75, Add	*8.75*	
		For >25 To 50, Add	*11.67*	
		For Up To 25, Add	*16.05*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.65*	
		For Bursting Ductile Iron Pipe, Add	*11.13*	
33 01 30 23-0020	LF	12" Diameter, Pneumatic Head Pipe Bursting	44.73	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.34*	
		For >150 To 200, Add	*2.61*	
		For >100 To 150, Add	*5.21*	
		For >75 To 100, Add	*7.82*	
		For >50 To 75, Add	*10.43*	
		For >25 To 50, Add	*13.90*	
		For Up To 25, Add	*19.11*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.34*	
		For Bursting Ductile Iron Pipe, Add	*12.96*	
33 01 30 23-0021	LF	15" Diameter, Pneumatic Head Pipe Bursting	49.66	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.48*	
		For >150 To 200, Add	*2.69*	
		For >100 To 150, Add	*5.38*	
		For >75 To 100, Add	*8.07*	
		For >50 To 75, Add	*10.76*	
		For >25 To 50, Add	*14.35*	
		For Up To 25, Add	*19.73*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.48*	
		For Bursting Ductile Iron Pipe, Add	*13.91*	
33 01 30 23-0022	LF	18" Diameter, Pneumatic Head Pipe Bursting	55.24	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.18*	
		For >150 To 200, Add	*3.11*	
		For >100 To 150, Add	*6.22*	
		For >75 To 100, Add	*9.33*	
		For >50 To 75, Add	*12.44*	
		For >25 To 50, Add	*16.58*	
		For Up To 25, Add	*22.80*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.18*	
		For Bursting Ductile Iron Pipe, Add	*15.75*	
33 01 30 23-0023	LF	21"/22" Diameter, Pneumatic Head Pipe Bursting	70.03	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*6.17*	
		For >150 To 200, Add	*3.70*	
		For >100 To 150, Add	*7.40*	
		For >75 To 100, Add	*11.10*	
		For >50 To 75, Add	*14.80*	
		For >25 To 50, Add	*19.73*	
		For Up To 25, Add	*27.13*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*6.17*	
		For Bursting Ductile Iron Pipe, Add	*19.38*	
33 01 30 23-0024	LF	24" Diameter, Pneumatic Head Pipe Bursting	85.87	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*8.15*	
		For >150 To 200, Add	*4.89*	
		For >100 To 150, Add	*9.77*	
		For >75 To 100, Add	*14.66*	
		For >50 To 75, Add	*19.55*	
		For >25 To 50, Add	*26.06*	
		For Up To 25, Add	*35.84*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*8.15*	
		For Bursting Ductile Iron Pipe, Add	*24.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0025	LF	30" Diameter, Pneumatic Head Pipe Bursting	95.20	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*8.45*	
		For >150 To 200, Add	*5.07*	
		For >100 To 150, Add	*10.14*	
		For >75 To 100, Add	*15.21*	
		For >50 To 75, Add	*20.28*	
		For >25 To 50, Add	*27.04*	
		For Up To 25, Add	*37.19*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*8.45*	
		For Bursting Ductile Iron Pipe, Add	*26.45*	
33 01 30 23-0026	LF	36" Diameter, Pneumatic Head Pipe Bursting	121.70	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*11.76*	
		For >150 To 200, Add	*7.06*	
		For >100 To 150, Add	*14.12*	
		For >75 To 100, Add	*21.17*	
		For >50 To 75, Add	*28.23*	
		For >25 To 50, Add	*37.64*	
		For Up To 25, Add	*51.76*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*11.76*	
		For Bursting Ductile Iron Pipe, Add	*35.19*	

33 01 30 23-0027 Static Head Pipe Bursting *(33 01 30 23-0006)*

33 01 30 23-0028	LF	4" Diameter, Static Head Pipe Bursting	34.67	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.09*	
		For >150 To 200, Add	*1.85*	
		For >100 To 150, Add	*3.70*	
		For >75 To 100, Add	*5.56*	
		For >50 To 75, Add	*7.41*	
		For >25 To 50, Add	*9.88*	
		For Up To 25, Add	*13.58*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.09*	
		For Bursting Ductile Iron Pipe, Add	*9.64*	
33 01 30 23-0029	LF	6" Diameter, Static Head Pipe Bursting	38.70	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.59*	
		For >150 To 200, Add	*2.15*	
		For >100 To 150, Add	*4.31*	
		For >75 To 100, Add	*6.46*	
		For >50 To 75, Add	*8.62*	
		For >25 To 50, Add	*11.49*	
		For Up To 25, Add	*15.80*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.59*	
		For Bursting Ductile Iron Pipe, Add	*10.97*	
33 01 30 23-0030	LF	8" Diameter, Static Head Pipe Bursting	43.34	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.17*	
		For >150 To 200, Add	*2.50*	
		For >100 To 150, Add	*5.00*	
		For >75 To 100, Add	*7.51*	
		For >50 To 75, Add	*10.01*	
		For >25 To 50, Add	*13.34*	
		For Up To 25, Add	*18.35*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.17*	
		For Bursting Ductile Iron Pipe, Add	*12.51*	
33 01 30 23-0031	LF	10" Diameter, Static Head Pipe Bursting	49.37	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.92*	
		For >150 To 200, Add	*2.95*	
		For >100 To 150, Add	*5.91*	
		For >75 To 100, Add	*8.86*	
		For >50 To 75, Add	*11.82*	
		For >25 To 50, Add	*15.76*	
		For Up To 25, Add	*21.66*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.92*	
		For Bursting Ductile Iron Pipe, Add	*14.50*	
33 01 30 23-0032	LF	12" Diameter, Static Head Pipe Bursting	56.33	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.79*	
		For >150 To 200, Add	*3.48*	
		For >100 To 150, Add	*6.95*	
		For >75 To 100, Add	*10.43*	
		For >50 To 75, Add	*13.91*	
		For >25 To 50, Add	*18.54*	
		For Up To 25, Add	*25.49*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.79*	
		For Bursting Ductile Iron Pipe, Add	*16.79*	
33 01 30 23-0033	LF	15" Diameter, Static Head Pipe Bursting	64.60	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*6.35*	
		For >150 To 200, Add	*3.81*	
		For >100 To 150, Add	*7.62*	
		For >75 To 100, Add	*11.43*	
		For >50 To 75, Add	*15.24*	
		For >25 To 50, Add	*20.32*	
		For Up To 25, Add	*27.95*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*6.35*	
		For Bursting Ductile Iron Pipe, Add	*18.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0034	LF	18" Diameter, Static Head Pipe Bursting	71.29	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*7.19*	
		For >150 To 200, Add	*4.31*	
		For >100 To 150, Add	*8.63*	
		For >75 To 100, Add	*12.94*	
		For >50 To 75, Add	*17.25*	
		For >25 To 50, Add	*23.00*	
		For Up To 25, Add	*31.63*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*7.19*	
		For Bursting Ductile Iron Pipe, Add	*21.04*	
33 01 30 23-0035	LF	21"/22" Diameter, Static Head Pipe Bursting	89.55	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*8.61*	
		For >150 To 200, Add	*5.16*	
		For >100 To 150, Add	*10.33*	
		For >75 To 100, Add	*15.49*	
		For >50 To 75, Add	*20.65*	
		For >25 To 50, Add	*27.54*	
		For Up To 25, Add	*37.86*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*8.61*	
		For Bursting Ductile Iron Pipe, Add	*25.82*	
33 01 30 23-0036	LF	24" Diameter, Static Head Pipe Bursting	114.92	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*11.78*	
		For >150 To 200, Add	*7.07*	
		For >100 To 150, Add	*14.13*	
		For >75 To 100, Add	*21.20*	
		For >50 To 75, Add	*28.26*	
		For >25 To 50, Add	*37.68*	
		For Up To 25, Add	*51.82*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*11.78*	
		For Bursting Ductile Iron Pipe, Add	*34.20*	
33 01 30 23-0037	LF	30" Diameter, Static Head Pipe Bursting	140.16	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*14.07*	
		For >150 To 200, Add	*8.44*	
		For >100 To 150, Add	*16.89*	
		For >75 To 100, Add	*25.33*	
		For >50 To 75, Add	*33.77*	
		For >25 To 50, Add	*45.03*	
		For Up To 25, Add	*61.91*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*14.07*	
		For Bursting Ductile Iron Pipe, Add	*41.29*	
33 01 30 23-0038	LF	36" Diameter, Static Head Pipe Bursting	168.72	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*17.64*	
		For >150 To 200, Add	*10.58*	
		For >100 To 150, Add	*21.17*	
		For >75 To 100, Add	*31.75*	
		For >50 To 75, Add	*42.34*	
		For >25 To 50, Add	*56.45*	
		For Up To 25, Add	*77.62*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*17.64*	
		For Bursting Ductile Iron Pipe, Add	*50.71*	

33 01 30 23-0039 Hydraulic Head Pipe Bursting *(33 01 30 23-0006)*

33 01 30 23-0040	LF	4" Diameter, Hydraulic Head Pipe Bursting	30.29	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.54*	
		For >150 To 200, Add	*1.52*	
		For >100 To 150, Add	*3.05*	
		For >75 To 100, Add	*4.57*	
		For >50 To 75, Add	*6.09*	
		For >25 To 50, Add	*8.12*	
		For Up To 25, Add	*11.17*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.54*	
		For Bursting Ductile Iron Pipe, Add	*8.20*	
33 01 30 23-0041	LF	6" Diameter, Hydraulic Head Pipe Bursting	33.85	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.98*	
		For >150 To 200, Add	*1.79*	
		For >100 To 150, Add	*3.58*	
		For >75 To 100, Add	*5.37*	
		For >50 To 75, Add	*7.16*	
		For >25 To 50, Add	*9.55*	
		For Up To 25, Add	*13.13*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.98*	
		For Bursting Ductile Iron Pipe, Add	*9.37*	
33 01 30 23-0042	LF	8" Diameter, Hydraulic Head Pipe Bursting	37.93	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.49*	
		For >150 To 200, Add	*2.10*	
		For >100 To 150, Add	*4.19*	
		For >75 To 100, Add	*6.29*	
		For >50 To 75, Add	*8.39*	
		For >25 To 50, Add	*11.18*	
		For Up To 25, Add	*15.37*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.49*	
		For Bursting Ductile Iron Pipe, Add	*10.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0043	LF	10" Diameter, Hydraulic Head Pipe Bursting	43.24	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.16*	
		For >150 To 200, Add	*2.49*	
		For >100 To 150, Add	*4.99*	
		For >75 To 100, Add	*7.48*	
		For >50 To 75, Add	*9.98*	
		For >25 To 50, Add	*13.30*	
		For Up To 25, Add	*18.29*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.16*	
		For Bursting Ductile Iron Pipe, Add	*12.47*	
33 01 30 23-0044	LF	12" Diameter, Hydraulic Head Pipe Bursting	49.37	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.92*	
		For >150 To 200, Add	*2.95*	
		For >100 To 150, Add	*5.91*	
		For >75 To 100, Add	*8.86*	
		For >50 To 75, Add	*11.82*	
		For >25 To 50, Add	*15.76*	
		For Up To 25, Add	*21.66*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.92*	
		For Bursting Ductile Iron Pipe, Add	*14.50*	
33 01 30 23-0045	LF	15" Diameter, Hydraulic Head Pipe Bursting	56.47	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.34*	
		For >150 To 200, Add	*3.20*	
		For >100 To 150, Add	*6.40*	
		For >75 To 100, Add	*9.60*	
		For >50 To 75, Add	*12.80*	
		For >25 To 50, Add	*17.07*	
		For Up To 25, Add	*23.47*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.34*	
		For Bursting Ductile Iron Pipe, Add	*16.15*	
33 01 30 23-0046	LF	18" Diameter, Hydraulic Head Pipe Bursting	63.04	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*6.16*	
		For >150 To 200, Add	*3.69*	
		For >100 To 150, Add	*7.39*	
		For >75 To 100, Add	*11.08*	
		For >50 To 75, Add	*14.78*	
		For >25 To 50, Add	*19.70*	
		For Up To 25, Add	*27.09*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*6.16*	
		For Bursting Ductile Iron Pipe, Add	*18.32*	
33 01 30 23-0047	LF	21"/22" Diameter, Hydraulic Head Pipe Bursting	79.69	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*7.37*	
		For >150 To 200, Add	*4.42*	
		For >100 To 150, Add	*8.85*	
		For >75 To 100, Add	*13.27*	
		For >50 To 75, Add	*17.69*	
		For >25 To 50, Add	*23.59*	
		For Up To 25, Add	*32.44*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*7.37*	
		For Bursting Ductile Iron Pipe, Add	*22.57*	
33 01 30 23-0048	LF	24" Diameter, Hydraulic Head Pipe Bursting	103.02	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*10.29*	
		For >150 To 200, Add	*6.17*	
		For >100 To 150, Add	*12.35*	
		For >75 To 100, Add	*18.52*	
		For >50 To 75, Add	*24.69*	
		For >25 To 50, Add	*32.92*	
		For Up To 25, Add	*45.27*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*10.29*	
		For Bursting Ductile Iron Pipe, Add	*30.27*	
33 01 30 23-0049	LF	30" Diameter, Hydraulic Head Pipe Bursting	126.83	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*12.41*	
		For >150 To 200, Add	*7.44*	
		For >100 To 150, Add	*14.89*	
		For >75 To 100, Add	*22.33*	
		For >50 To 75, Add	*29.77*	
		For >25 To 50, Add	*39.70*	
		For Up To 25, Add	*54.58*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*12.41*	
		For Bursting Ductile Iron Pipe, Add	*36.89*	
33 01 30 23-0050	LF	36" Diameter, Hydraulic Head Pipe Bursting	153.97	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*15.80*	
		For >150 To 200, Add	*9.48*	
		For >100 To 150, Add	*18.96*	
		For >75 To 100, Add	*28.44*	
		For >50 To 75, Add	*37.91*	
		For >25 To 50, Add	*50.55*	
		For Up To 25, Add	*69.51*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*15.80*	
		For Bursting Ductile Iron Pipe, Add	*45.84*	

33 01 30 23-0051 Pipe Lining *(33 01 30 23-0001)*

33 01 30 23-0052 Pipe Fusion For High-Density Polyethylene (HDPE) Pipe Lining *(33 01 30 23-0051)*

Note: Per each joint.

33 01 30 23-0053	EA	4" To 15", Pipe Fusion For High-Density Polyethylene (HDPE) Pipe Lining	135.64
33 01 30 23-0054	EA	>15" To 24", Pipe Fusion For High-Density Polyethylene (HDPE) Pipe Lining	155.63
33 01 30 23-0055	EA	>24" To 36", Pipe Fusion For High-Density Polyethylene (HDPE) Pipe Lining	185.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0056		High-Density Polyethylene (HDPE) Pipe Lining, DR 17 *(33 01 30 23-0051)* Note: Material to be installed behind bursting head. Excludes pipe joint fusion. See CSI section 33 01 30 23-0052 for pipe joint fusion.		
33 01 30 23-0057	LF	4" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	4.29	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-0.47*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*1.27*	
		For White Interior Pipe, Add	*0.85*	
		For Gray Interior Pipe, Add	*0.65*	
33 01 30 23-0058	LF	5" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	5.67	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-0.71*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*1.92*	
		For White Interior Pipe, Add	*1.30*	
		For Gray Interior Pipe, Add	*0.98*	
33 01 30 23-0059	LF	6" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	7.40	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-1.01*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*2.74*	
		For White Interior Pipe, Add	*1.85*	
		For Gray Interior Pipe, Add	*1.40*	
33 01 30 23-0060	LF	7.125" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	8.31	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-1.17*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*3.17*	
		For White Interior Pipe, Add	*2.14*	
		For Gray Interior Pipe, Add	*1.62*	
33 01 30 23-0061	LF	8" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	11.36	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-1.71*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*4.64*	
		For White Interior Pipe, Add	*3.13*	
		For Gray Interior Pipe, Add	*2.37*	
33 01 30 23-0062	LF	10" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	16.66	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-2.65*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*7.20*	
		For White Interior Pipe, Add	*4.86*	
		For Gray Interior Pipe, Add	*3.68*	
33 01 30 23-0063	LF	12" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	22.71	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-3.73*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*10.13*	
		For White Interior Pipe, Add	*6.84*	
		For Gray Interior Pipe, Add	*5.18*	
33 01 30 23-0064	LF	13.375" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	24.84	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-4.10*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*11.15*	
		For White Interior Pipe, Add	*7.52*	
		For Gray Interior Pipe, Add	*5.70*	
33 01 30 23-0065	LF	14" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	27.09	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-4.50*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*12.22*	
		For White Interior Pipe, Add	*8.25*	
		For Gray Interior Pipe, Add	*6.25*	
33 01 30 23-0066	LF	16" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	34.86	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-5.87*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*15.96*	
		For White Interior Pipe, Add	*10.77*	
		For Gray Interior Pipe, Add	*8.16*	
33 01 30 23-0067	LF	18" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	43.71	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-7.44*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*20.21*	
		For White Interior Pipe, Add	*13.64*	
		For Gray Interior Pipe, Add	*10.33*	
33 01 30 23-0068	LF	20" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	53.55	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-9.18*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*24.94*	
		For White Interior Pipe, Add	*16.83*	
		For Gray Interior Pipe, Add	*12.75*	
33 01 30 23-0069	LF	22" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	64.45	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-11.11*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*30.18*	
		For White Interior Pipe, Add	*20.36*	
		For Gray Interior Pipe, Add	*15.43*	
33 01 30 23-0070	LF	24" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	76.43	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-13.22*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*35.92*	
		For White Interior Pipe, Add	*24.24*	
		For Gray Interior Pipe, Add	*18.37*	
33 01 30 23-0071	LF	26" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	89.41	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-15.51*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*42.13*	
		For White Interior Pipe, Add	*28.43*	
		For Gray Interior Pipe, Add	*21.54*	
33 01 30 23-0072	LF	28" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	103.52	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-17.99*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*48.88*	
		For White Interior Pipe, Add	*32.98*	
		For Gray Interior Pipe, Add	*24.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0073	LF	30" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	118.70	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-20.65*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*56.11*	
		For White Interior Pipe, Add	*37.86*	
		For Gray Interior Pipe, Add	*28.69*	
33 01 30 23-0074	LF	32" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	134.98	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-23.49*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*63.82*	
		For White Interior Pipe, Add	*43.07*	
		For Gray Interior Pipe, Add	*32.63*	
33 01 30 23-0075	LF	34" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	166.15	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-28.99*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*78.75*	
		For White Interior Pipe, Add	*53.15*	
		For Gray Interior Pipe, Add	*40.26*	
33 01 30 23-0076	LF	36" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	171.16	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-29.74*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*80.79*	
		For White Interior Pipe, Add	*54.52*	
		For Gray Interior Pipe, Add	*41.30*	

33 01 30 23-0077 Re-Connection Of Non-Renewed Laterals *(33 01 30 23-0001)*

Note: Excludes earthwork excavation and backfill

33 01 30 23-0078 Re-Connection Of Laterals; Insert-A-Tee *(33 01 30 23-0077)*

Note: Includes cutting hole in pipe and excavation vacuum truck for exterior pipe lateral reconnection. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling, and back-fill material. See CSI section 01 74 19 00-0041 for hauling, 31 05 16 00-0001 for back-fill material.

33 01 30 23-0079	EA	Re-Connection Of Non-Renewed Lateral, 6 To 8" Main With 4" Inserta-Tee	1,262.81	
		For No Excavation, Deduct	*-832.34*	
33 01 30 23-0080	EA	Re-Connection Of Non-Renewed Lateral, 8" Main With 6" Inserta-Tee	1,418.14	
		For No Excavation, Deduct	*-936.38*	
33 01 30 23-0081	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 4" Inserta-Tee	1,496.92	
		For No Excavation, Deduct	*-988.39*	
33 01 30 23-0082	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 6" Inserta-Tee	1,575.72	
		For No Excavation, Deduct	*-1,040.42*	
33 01 30 23-0083	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 8" Inserta-Tee	1,696.97	
		For No Excavation, Deduct	*-1,092.44*	
33 01 30 23-0084	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 4" Inserta-Tee	1,591.36	
		For No Excavation, Deduct	*-1,040.42*	
33 01 30 23-0085	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 6" Inserta-Tee	1,672.38	
		For No Excavation, Deduct	*-1,092.44*	
33 01 30 23-0086	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 8" Inserta-Tee	1,784.69	
		For No Excavation, Deduct	*-1,144.47*	
33 01 30 23-0087	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 10" Inserta-Tee	2,048.98	
		For No Excavation, Deduct	*-1,196.48*	
33 01 30 23-0088	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 12" Inserta-Tee	2,154.59	
		For No Excavation, Deduct	*-1,248.51*	
33 01 30 23-0089	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 15" Inserta-Tee	2,555.21	
		For No Excavation, Deduct	*-1,300.52*	

33 01 30 23-0090 Re-Connection Of Laterals; Saddle Style *(33 01 30 23-0077)*

Note: Includes excavation vacuum truck for exterior pipe lateral reconnection, fusion to high-density polyethylene (HDPE) pipe for lateral. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling and back-fill material. See CSI section 01 74 19 00-0041 for hauling, 31 05 16 00-0001 for back-fill material.

33 01 30 23-0091	EA	Re-Connection Of Non-Renewed Lateral, 6" Main With 4" Or 6" Saddle Tap (Mueller H-615)	2,781.37	
		For No Excavation, Deduct	*-928.95*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-233.06*	
33 01 30 23-0092	EA	Re-Connection Of Non-Renewed Lateral, 8" Main With 4" Or 6" Saddle Tap (Mueller H-615)	3,066.46	
		For No Excavation, Deduct	*-966.10*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-216.30*	
33 01 30 23-0093	EA	Re-Connection Of Non-Renewed Lateral, 10" Main With 4" Or 6" Saddle Tap (Mueller H-615)	4,249.90	
		For No Excavation, Deduct	*-1,003.27*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-64.80*	
33 01 30 23-0094	EA	Re-Connection Of Non-Renewed Lateral, 12" Main With 4" Or 6" Saddle Tap (Mueller H-615)	4,472.84	
		For No Excavation, Deduct	*-1,114.74*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-109.39*	
33 01 30 23-0095	EA	Re-Connection Of Non-Renewed Lateral, 14" Main With 4" Or 6" Saddle Tap (Mueller H-615)	7,859.71	
		For No Excavation, Deduct	*-1,189.05*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*346.62*	
33 01 30 23-0096	EA	Re-Connection Of Non-Renewed Lateral, 16" Main With 4" Or 6" Saddle Tap (Mueller H-615)	8,519.33	
		For No Excavation, Deduct	*-1,319.11*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*354.53*	
33 01 30 23-0097	EA	Re-Connection Of Non-Renewed Lateral, 18" Main With 4" Or 6" Saddle Tap (Mueller H-615)	11,438.68	
		For No Excavation, Deduct	*-1,449.16*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*701.39*	
33 01 30 23-0098	EA	Re-Connection Of Non-Renewed Lateral, 20" Main With 4" Or 6" Saddle Tap (Mueller H-615)	10,910.24	
		For No Excavation, Deduct	*-1,634.95*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*492.07*	
33 01 30 23-0099	EA	Re-Connection Of Non-Renewed Lateral, 24" Main With 4" Or 6" Saddle Tap (Mueller H-615)	13,249.90	
		For No Excavation, Deduct	*-1,932.21*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*634.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Set-up And Reinsertion For Hydro Jet *(33 01 30 41-0002)*

Note: Includes mobilization delivery, set-up, cleanup after use and return.

33 01 30 41-0004	EA	Initial Set-up And Final Equipment Removal For Up To 8" Jet Cleaning	1,559.37	
33 01 30 41-0005	EA	Initial Set-up And Final Equipment Removal For >8" To 12" Jet Cleaning	2,339.05	
33 01 30 41-0006	EA	Initial Set-up And Final Equipment Removal For >12" To 30" Jet Cleaning	3,118.73	
33 01 30 41-0007	EA	Initial Set-up And Final Equipment Removal For >30" Jet Cleaning	4,158.30	
33 01 30 41-0008	EA	Move And Set-up At Different Access/Location For Up To 8" Jet Cleaning	389.84	
33 01 30 41-0009	EA	Move And Set-up At Different Access/Location For >8" To 12" Jet Cleaning	584.76	
33 01 30 41-0010	EA	Move And Set-up At Different Access/Location For >12" To 30" Jet Cleaning	779.68	
33 01 30 41-0011	EA	Move And Set-up At Different Access/Location For >30" Jet Cleaning	974.60	

33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.19	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 2,000, Deduct	*-0.63*	
		For >2,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.05*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.14*	
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.81	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000 To 2,000, Deduct	*-0.72*	
		For >2,000 To 5,000, Deduct	*-0.96*	
		For >5,000, Deduct	*-1.20*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.61*	
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.65	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000 To 2,000, Deduct	*-0.85*	
		For >2,000 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-1.41*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.24*	
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.98	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 2,000, Deduct	*-1.05*	
		For >2,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-1.75*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.24*	
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.92	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 2,000, Deduct	*-1.19*	
		For >2,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-1.98*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.94*	
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	9.15	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000 To 2,000, Deduct	*-1.37*	
		For >2,000 To 5,000, Deduct	*-1.83*	
		For >5,000, Deduct	*-2.29*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.86*	
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	11.02	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000 To 2,000, Deduct	*-1.65*	
		For >2,000 To 5,000, Deduct	*-2.20*	
		For >5,000, Deduct	*-2.76*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*8.27*	
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	12.50	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000 To 2,000, Deduct	*-1.88*	
		For >2,000 To 5,000, Deduct	*-2.50*	
		For >5,000, Deduct	*-3.13*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.38*	
33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	14.77	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000 To 2,000, Deduct	*-2.22*	
		For >2,000 To 5,000, Deduct	*-2.95*	
		For >5,000, Deduct	*-3.69*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*11.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	18.56	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000 To 2,000, Deduct	*-2.78*	
		For >2,000 To 5,000, Deduct	*-3.71*	
		For >5,000, Deduct	*-4.64*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*13.92*	
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	21.66	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,000, Deduct	*-3.25*	
		For >2,000 To 5,000, Deduct	*-4.33*	
		For >5,000, Deduct	*-5.42*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*16.25*	

33 01 30 41-0024 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing	1.69	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.25*	
		For >2,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.42*	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing	1.94	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.49*	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing	2.28	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.57*	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing	2.62	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.39*	
		For >2,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.66*	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing	3.50	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 2,000, Deduct	*-0.53*	
		For >2,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-0.88*	

33 01 30 41-0030 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF	19.40	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000 To 2,000, Deduct	*-2.91*	
		For >2,000 To 5,000, Deduct	*-3.88*	
		For >5,000, Deduct	*-4.85*	

33 01 30 41-0032 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0033	EA	Initial Set-up And Final Equipment Removal For Mechanical Cleaning	1,419.37	
33 01 30 41-0034	EA	Move And Set-up At Different Access/Location For Mechanical Cleaning	473.12	
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	8.19	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 2,000, Deduct	*-1.18*	
		For >2,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-1.97*	
33 01 30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	10.76	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.52*	
		For >2,000 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-2.54*	
33 01 30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	12.60	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000 To 2,000, Deduct	*-1.77*	
		For >2,000 To 5,000, Deduct	*-2.37*	
		For >5,000, Deduct	*-2.96*	
33 01 30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	14.58	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 2,000, Deduct	*-2.05*	
		For >2,000 To 5,000, Deduct	*-2.73*	
		For >5,000, Deduct	*-3.41*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	15.87	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000 To 2,000, Deduct	*-2.22*	
		For >2,000 To 5,000, Deduct	*-2.96*	
		For >5,000, Deduct	*-3.70*	
33 01 30 41-0040	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	18.29	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000 To 2,000, Deduct	*-2.54*	
		For >2,000 To 5,000, Deduct	*-3.38*	
		For >5,000, Deduct	*-4.23*	
33 01 30 41-0041	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	23.04	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000 To 2,000, Deduct	*-3.13*	
		For >2,000 To 5,000, Deduct	*-4.17*	
		For >5,000, Deduct	*-5.22*	
33 01 30 41-0042	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	26.37	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000 To 2,000, Deduct	*-3.49*	
		For >2,000 To 5,000, Deduct	*-4.65*	
		For >5,000, Deduct	*-5.82*	
33 01 30 41-0043	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	30.65	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000 To 2,000, Deduct	*-4.02*	
		For >2,000 To 5,000, Deduct	*-5.36*	
		For >5,000, Deduct	*-6.70*	
33 01 30 41-0044	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	40.14	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-3.55*	
		For >1,000 To 2,000, Deduct	*-5.32*	
		For >2,000 To 5,000, Deduct	*-7.10*	
		For >5,000, Deduct	*-8.87*	
33 01 30 41-0045	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	45.63	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.94*	
		For >1,000 To 2,000, Deduct	*-5.91*	
		For >2,000 To 5,000, Deduct	*-7.89*	
		For >5,000, Deduct	*-9.86*	

33 01 30 41-0046 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0047	EA	Initial Set-up And Final Equipment Removal For Auguring	1,419.37	
33 01 30 41-0048	EA	Move And Set-up At Different Location For Auguring	473.12	
33 01 30 41-0049	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	4.73	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000 To 2,000, Deduct	*-0.71*	
		For >2,000 To 5,000, Deduct	*-0.95*	
		For >5,000, Deduct	*-1.18*	
33 01 30 41-0050	LF	6" Diameter Pipe Line Auguring/Rod Out	6.11	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000 To 2,000, Deduct	*-0.92*	
		For >2,000 To 5,000, Deduct	*-1.22*	
		For >5,000, Deduct	*-1.53*	
33 01 30 41-0051	LF	8" Diameter Pipe Line Auguring/Rod Out	7.10	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000 To 2,000, Deduct	*-1.07*	
		For >2,000 To 5,000, Deduct	*-1.42*	
		For >5,000, Deduct	*-1.78*	
33 01 30 41-0052	LF	10" Diameter Pipe Line Auguring/Rod Out	8.25	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-2.06*	
33 01 30 41-0053	LF	12" Diameter Pipe Line Auguring/Rod Out	8.87	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000 To 2,000, Deduct	*-1.33*	
		For >2,000 To 5,000, Deduct	*-1.77*	
		For >5,000, Deduct	*-2.22*	
33 01 30 41-0054	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	10.14	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.52*	
		For >2,000 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-2.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0055	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	12.45	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000 To 2,000, Deduct	*-1.87*	
		For >2,000 To 5,000, Deduct	*-2.49*	
		For >5,000, Deduct	*-3.11*	
33 01 30 41-0056	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	13.92	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000 To 2,000, Deduct	*-2.09*	
		For >2,000 To 5,000, Deduct	*-2.78*	
		For >5,000, Deduct	*-3.48*	
33 01 30 41-0057	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	16.13	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000 To 2,000, Deduct	*-2.42*	
		For >2,000 To 5,000, Deduct	*-3.23*	
		For >5,000, Deduct	*-4.03*	
33 01 30 41-0058	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	22.17	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000 To 2,000, Deduct	*-3.33*	
		For >2,000 To 5,000, Deduct	*-4.43*	
		For >5,000, Deduct	*-5.54*	
33 01 30 41-0059	LF	>60" Diameter Pipe Line Auguring/Rod Out	23.66	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000 To 2,000, Deduct	*-3.55*	
		For >2,000 To 5,000, Deduct	*-4.73*	
		For >5,000, Deduct	*-5.92*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Waste Water Drain	56.16	
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	112.31	
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	22.46	
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	24.71	
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	28.08	
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	32.57	
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	38.19	
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	44.92	
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	52.79	
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	60.65	
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	70.76	
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	84.24	
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	280.79	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	1,047.82	
		For >10 To 100, Deduct	*-157.17*	
		For >100 To 250, Deduct	*-235.76*	
		For >250, Deduct	*-314.35*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	1,257.38	
		For >10 To 100, Deduct	*-188.61*	
		For >100 To 250, Deduct	*-282.91*	
		For >250, Deduct	*-377.21*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	628.69	
		For >10 To 100, Deduct	*-94.30*	
		For >100 To 250, Deduct	*-141.46*	
		For >250, Deduct	*-188.61*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	306.66	
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	285.22	
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	263.78	
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	242.34	
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	220.91	
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	199.46	

33 01 30 43 Removal of Protruding Service Connection *(33 01 30)*

33 01 30 43-0001 Trim Protruding Service Taps *(33 01 30 43)*

33 01 30 43-0002	EA	Trim Protruding Service Tap, 4", Robotic	768.05	
33 01 30 43-0003	EA	Trim Protruding Service Tap, 6", Robotic	844.86	
33 01 30 43-0004	EA	Trim Protruding Service Tap, 8", Robotic	921.66	

33 01 30 51 Maintenance of Utilities *(33 01 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	129.66	
		For Stainless Steel Nuts And Bolts, Add	*20.64*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	183.63	
		For Stainless Steel Nuts And Bolts, Add	*31.10*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	211.91	
		For Stainless Steel Nuts And Bolts, Add	*36.63*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	241.28	
		For Stainless Steel Nuts And Bolts, Add	*42.14*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	139.81	
		For Stainless Steel Nuts And Bolts, Add	*22.41*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	195.13	
		For Stainless Steel Nuts And Bolts, Add	*33.19*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	223.45	
		For Stainless Steel Nuts And Bolts, Add	*38.59*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	258.03	
		For Stainless Steel Nuts And Bolts, Add	*45.15*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	150.18	
		For Stainless Steel Nuts And Bolts, Add	*24.52*	
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	202.90	
		For Stainless Steel Nuts And Bolts, Add	*34.70*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	234.36	
		For Stainless Steel Nuts And Bolts, Add	*40.68*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	272.93	
		For Stainless Steel Nuts And Bolts, Add	*48.30*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	169.12	
		For Stainless Steel Nuts And Bolts, Add	*27.88*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	223.12	
		For Stainless Steel Nuts And Bolts, Add	*37.53*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	270.52	
		For Stainless Steel Nuts And Bolts, Add	*45.68*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	325.88	
		For Stainless Steel Nuts And Bolts, Add	*55.11*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	425.35	
		For Stainless Steel Nuts And Bolts, Add	*74.02*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	528.87	
		For Stainless Steel Nuts And Bolts, Add	*92.93*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	644.98	
		For Stainless Steel Nuts And Bolts, Add	*113.99*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	198.77	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	263.69	
		For Stainless Steel Nuts And Bolts, Add	*44.63*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	312.39	
		For Stainless Steel Nuts And Bolts, Add	*52.62*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	366.18	
		For Stainless Steel Nuts And Bolts, Add	*61.15*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	505.64	
		For Stainless Steel Nuts And Bolts, Add	*88.61*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	614.70	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	734.16	
		For Stainless Steel Nuts And Bolts, Add	*129.12*	
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	260.30	
		For Stainless Steel Nuts And Bolts, Add	*39.36*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	337.89	
		For Stainless Steel Nuts And Bolts, Add	*52.08*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	407.76	
		For Stainless Steel Nuts And Bolts, Add	*63.02*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	487.03	
		For Stainless Steel Nuts And Bolts, Add	*75.10*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	645.18	
		For Stainless Steel Nuts And Bolts, Add	*104.04*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	771.64	
		For Stainless Steel Nuts And Bolts, Add	*124.41*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	914.20	
		For Stainless Steel Nuts And Bolts, Add	*146.43*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	304.13	
		For Stainless Steel Nuts And Bolts, Add	*47.90*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	407.90	
		For Stainless Steel Nuts And Bolts, Add	*66.26*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	480.62	
		For Stainless Steel Nuts And Bolts, Add	*77.47*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	589.38	
		For Stainless Steel Nuts And Bolts, Add	*95.82*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	772.41	
		For Stainless Steel Nuts And Bolts, Add	*129.97*	
33 01 30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	880.14	
		For Stainless Steel Nuts And Bolts, Add	*145.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,130.87	
		For Stainless Steel Nuts And Bolts, Add	*191.65*	
33 01 30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	346.37	
		For Stainless Steel Nuts And Bolts, Add	*54.03*	
33 01 30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	451.75	
		For Stainless Steel Nuts And Bolts, Add	*71.86*	
33 01 30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	545.26	
		For Stainless Steel Nuts And Bolts, Add	*86.96*	
33 01 30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	670.43	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	861.28	
		For Stainless Steel Nuts And Bolts, Add	*142.72*	
33 01 30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,013.32	
		For Stainless Steel Nuts And Bolts, Add	*166.67*	
33 01 30 51-0049	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,286.22	
		For Stainless Steel Nuts And Bolts, Add	*216.11*	

33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0051	EA	14.38" To 15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	763.03	
		For Stainless Steel Nuts And Bolts, Add	*207.89*	
33 01 30 51-0052	EA	14.38" To 15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,080.32	
		For Stainless Steel Nuts And Bolts, Add	*300.12*	
33 01 30 51-0053	EA	14.38" To 15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,453.95	
		For Stainless Steel Nuts And Bolts, Add	*407.00*	
33 01 30 51-0054	EA	14.38" To 15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,138.02	
		For Stainless Steel Nuts And Bolts, Add	*613.43*	
33 01 30 51-0055	EA	15.07" To 15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	800.91	
		For Stainless Steel Nuts And Bolts, Add	*218.12*	
33 01 30 51-0056	EA	15.07" To 15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,130.93	
		For Stainless Steel Nuts And Bolts, Add	*314.03*	
33 01 30 51-0057	EA	15.07" To 15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,518.43	
		For Stainless Steel Nuts And Bolts, Add	*424.56*	
33 01 30 51-0058	EA	15.07" To 15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,241.36	
		For Stainless Steel Nuts And Bolts, Add	*642.70*	
33 01 30 51-0059	EA	15.92" To 16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	821.67	
		For Stainless Steel Nuts And Bolts, Add	*222.53*	
33 01 30 51-0060	EA	15.92" To 16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,158.20	
		For Stainless Steel Nuts And Bolts, Add	*319.90*	
33 01 30 51-0061	EA	15.92" To 16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,558.70	
		For Stainless Steel Nuts And Bolts, Add	*434.08*	
33 01 30 51-0062	EA	15.92" To 16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,298.96	
		For Stainless Steel Nuts And Bolts, Add	*656.60*	
33 01 30 51-0063	EA	16.56" To 17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	843.51	
		For Stainless Steel Nuts And Bolts, Add	*226.92*	
33 01 30 51-0064	EA	16.56" To 17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,189.29	
		For Stainless Steel Nuts And Bolts, Add	*326.48*	
33 01 30 51-0065	EA	16.56" To 17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,597.98	
		For Stainless Steel Nuts And Bolts, Add	*442.13*	
33 01 30 51-0066	EA	16.56" To 17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,356.68	
		For Stainless Steel Nuts And Bolts, Add	*669.79*	
33 01 30 51-0067	EA	17.15" To 17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	863.20	
		For Stainless Steel Nuts And Bolts, Add	*230.58*	
33 01 30 51-0068	EA	17.15" To 17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,216.02	
		For Stainless Steel Nuts And Bolts, Add	*331.60*	
33 01 30 51-0069	EA	17.15" To 17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,637.24	
		For Stainless Steel Nuts And Bolts, Add	*450.18*	
33 01 30 51-0070	EA	17.15" To 17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,409.06	
		For Stainless Steel Nuts And Bolts, Add	*680.76*	
33 01 30 51-0071	EA	17.82" To 18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	881.79	
		For Stainless Steel Nuts And Bolts, Add	*234.25*	
33 01 30 51-0072	EA	17.82" To 18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,243.28	
		For Stainless Steel Nuts And Bolts, Add	*337.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0073	EA	17.82" To 18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,672.17	
		For Stainless Steel Nuts And Bolts, Add	*457.50*	
33 01 30 51-0074	EA	17.82" To 18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,443.00	
		For Stainless Steel Nuts And Bolts, Add	*686.25*	
33 01 30 51-0075	EA	18.46" To 19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	903.00	
		For Stainless Steel Nuts And Bolts, Add	*238.81*	
33 01 30 51-0076	EA	18.46" To 19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,275.41	
		For Stainless Steel Nuts And Bolts, Add	*344.77*	
33 01 30 51-0077	EA	18.46" To 19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,709.19	
		For Stainless Steel Nuts And Bolts, Add	*465.55*	
33 01 30 51-0078	EA	18.46" To 19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,516.81	
		For Stainless Steel Nuts And Bolts, Add	*705.65*	

33 01 30 51-0079 Repair Couplings and Fittings *(33 01 30 51-0001)*

33 01 30 51-0080 Compression Couplings And Fittings For Copper Pipe *(33 01 30 51-0079)*

Note: Includes gaskets. Dresser style 88.

33 01 30 51-0081 Copper Compression Repair Couplings *(33 01 30 51-0080)*

33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling	77.92
33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling	90.77
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling	106.67
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling	120.06
33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling	184.08

33 01 30 51-0087 Copper Compression Repair Fitting, 90 Degree Elbows *(33 01 30 51-0080)*

33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow	93.01
33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow	108.83
33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow	218.39
33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow	88.62
33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow	79.46
33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow	93.00
33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow	114.61

33 01 30 51-0095 Copper Compression Repair Fitting, Tees *(33 01 30 51-0080)*

33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee	169.61
33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee	133.46
33 01 30 51-0098	EA	1" Copper Compression Repair Tee	158.43
33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee	131.68

33 01 30 51-0100 Copper Compression Repair Fitting, Male Adapters *(33 01 30 51-0080)*

33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter	80.27
33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter	65.12
33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter	74.60
33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter	91.29
33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter	108.26
33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter	118.48

33 01 30 51-0107 Copper Compression Repair Fitting, Female Adapters *(33 01 30 51-0080)*

33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter	93.78
33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter	100.01

33 01 30 51-0110 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0111	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	73.84
33 01 30 51-0112	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket	90.80
33 01 30 51-0113	EA	1" Coupling, 5" Middle Ring With Buna S Gasket	103.58
33 01 30 51-0114	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	122.57
33 01 30 51-0115	EA	2" Coupling, 4" Middle Ring With Buna S Gasket	151.63
33 01 30 51-0116	EA	2" Coupling, 5" Middle Ring With Buna S Gasket	205.14
33 01 30 51-0117	EA	2" Coupling, 7" Middle Ring With Buna S Gasket	191.82
33 01 30 51-0118	EA	3" Coupling, 4" Middle Ring With Buna S Gasket	249.07
33 01 30 51-0119	EA	3" Coupling, 5" Middle Ring With Buna S Gasket	257.13
33 01 30 51-0120	EA	3" Coupling, 7" Middle Ring With Buna S Gasket	265.19
33 01 30 51-0121	EA	4" Coupling, 4" Middle Ring With Buna S Gasket	286.53
33 01 30 51-0122	EA	4" Coupling, 5" Middle Ring With Buna S Gasket	300.21
33 01 30 51-0123	EA	4" Coupling, 7" Middle Ring With Buna S Gasket	317.35
33 01 30 51-0124	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	373.06
33 01 30 51-0125	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	378.46
33 01 30 51-0126	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	398.12
33 01 30 51-0127	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	395.72
33 01 30 51-0128	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	410.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0129	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	428.98	
33 01 30 51-0130	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	461.31	
33 01 30 51-0131	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	482.90	
33 01 30 51-0132	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	500.63	
33 01 30 51-0133	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	572.18	
33 01 30 51-0134	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	674.13	
33 01 30 51-0135	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	650.60	
33 01 30 51-0136	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	866.71	
33 01 30 51-0137	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	1,005.04	
33 01 30 51-0138	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	1,207.15	
33 01 30 51-0139	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	1,329.25	
33 01 30 51-0140	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	1,435.22	
33 01 30 51-0141	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	1,811.17	
33 01 30 51-0142	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	1,905.05	

33 01 30 51-0143 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket, protected. Dresser style 38.

33 01 30 51-0144	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	76.15	
33 01 30 51-0145	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	90.48	
33 01 30 51-0146	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	103.44	
33 01 30 51-0147	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	121.50	
33 01 30 51-0148	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	182.37	
33 01 30 51-0149	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	178.14	
33 01 30 51-0150	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	180.26	
33 01 30 51-0151	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	265.19	
33 01 30 51-0152	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	273.25	
33 01 30 51-0153	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	281.31	
33 01 30 51-0154	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	308.49	
33 01 30 51-0155	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	294.28	
33 01 30 51-0156	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	301.76	
33 01 30 51-0157	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	401.35	
33 01 30 51-0158	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	405.29	
33 01 30 51-0159	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	588.11	
33 01 30 51-0160	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	404.36	
33 01 30 51-0161	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	425.34	
33 01 30 51-0162	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	433.44	
33 01 30 51-0163	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	508.19	
33 01 30 51-0164	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	516.15	
33 01 30 51-0165	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	528.98	
33 01 30 51-0166	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	591.53	
33 01 30 51-0167	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	694.28	
33 01 30 51-0168	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	670.75	
33 01 30 51-0169	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	886.42	
33 01 30 51-0170	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,025.19	
33 01 30 51-0171	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,237.37	
33 01 30 51-0172	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,369.55	
33 01 30 51-0173	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,475.51	
33 01 30 51-0174	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,851.47	
33 01 30 51-0175	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,945.34	

33 01 30 51-0176 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna N gasket, protected. Dresser style 38.

33 01 30 51-0177	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	90.48	
33 01 30 51-0178	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	105.06	
33 01 30 51-0179	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	120.55	
33 01 30 51-0180	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	143.72	
33 01 30 51-0181	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	182.37	
33 01 30 51-0182	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	218.36	
33 01 30 51-0183	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	230.33	
33 01 30 51-0184	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	265.19	
33 01 30 51-0185	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	273.25	
33 01 30 51-0186	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	281.31	
33 01 30 51-0187	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	308.49	
33 01 30 51-0188	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	337.22	
33 01 30 51-0189	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	348.14	
33 01 30 51-0190	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	401.35	
33 01 30 51-0191	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	405.29	
33 01 30 51-0192	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	451.43	
33 01 30 51-0193	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	404.36	
33 01 30 51-0194	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	425.34	
33 01 30 51-0195	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	433.44	
33 01 30 51-0196	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	508.19	
33 01 30 51-0197	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	516.15	
33 01 30 51-0198	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	528.98	
33 01 30 51-0199	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	591.53	
33 01 30 51-0200	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	694.28	
33 01 30 51-0201	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	670.75	
33 01 30 51-0202	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	886.42	
33 01 30 51-0203	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,025.19	
33 01 30 51-0204	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,207.15	
33 01 30 51-0205	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,369.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0206	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,475.51	
33 01 30 51-0207	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,851.47	
33 01 30 51-0208	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,945.34	
33 01 30 51-0209		Couplings For Steel Pipe *(33 01 30 51-0079)*		
		Note: Includes high temperature carded glass gasket, protected. Dresser style 38.		
33 01 30 51-0210	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	155.62	
33 01 30 51-0211	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	166.77	
33 01 30 51-0212	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	171.91	
33 01 30 51-0213	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	267.60	
33 01 30 51-0214	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	289.64	
33 01 30 51-0215	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	300.87	
33 01 30 51-0216	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	342.86	
33 01 30 51-0217	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	340.32	
33 01 30 51-0218	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	377.52	
33 01 30 51-0219	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	388.44	
33 01 30 51-0220	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	530.41	
33 01 30 51-0221	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	544.90	
33 01 30 51-0222	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	562.06	
33 01 30 51-0223	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	571.67	
33 01 30 51-0224	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	577.32	
33 01 30 51-0225	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	721.52	
33 01 30 51-0226	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	780.33	
33 01 30 51-0227	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	792.18	
33 01 30 51-0228	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	791.98	
33 01 30 51-0229	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	1,013.95	
33 01 30 51-0230	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,058.24	
33 01 30 51-0231	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,227.56	
33 01 30 51-0232	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,549.31	
33 01 30 51-0233	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,506.56	
33 01 30 51-0234	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,683.04	
33 01 30 51-0235	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,825.28	
33 01 30 51-0236	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,985.64	
33 01 30 51-0237		Compression Couplings And Fittings For Steel Pipe, Cast Body *(33 01 30 51-0079)*		
		Note: Includes gaskets. Dresser style 90.		
33 01 30 51-0238		Compression Couplings For Steel Pipe, Cast Body *(33 01 30 51-0237)*		
		Note: Includes gaskets.		
33 01 30 51-0239	EA	1/2" Cast Body, Compression Coupling, 5" Middle Ring	76.28	
33 01 30 51-0240	EA	3/4" Cast Body, Compression Coupling, 5" Middle Ring	75.95	
33 01 30 51-0241	EA	1" Cast Body, Compression Coupling, 5" Middle Ring	85.19	
33 01 30 51-0242	EA	1-1/4" Cast Body, Compression Coupling, 5" Middle Ring	94.53	
33 01 30 51-0243	EA	1-1/2" Cast Body, Compression Coupling, 5" Middle Ring	116.68	
33 01 30 51-0244	EA	2" Cast Body, Compression Coupling, 5" Middle Ring	142.18	
33 01 30 51-0245	EA	1/2" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	78.59	
33 01 30 51-0246	EA	3/4" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	78.51	
33 01 30 51-0247	EA	1" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	85.57	
33 01 30 51-0248	EA	1-1/4" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	95.72	
33 01 30 51-0249	EA	1-1/2" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	120.57	
33 01 30 51-0250	EA	2" Cast Body, Compression Coupling, 5" Middle Ring With Armored Gasket	143.90	
33 01 30 51-0251	EA	3/4" Steel Body, Compression Coupling, 5" Middle Ring With Armored Gasket	155.50	
33 01 30 51-0252	EA	1" Steel Body, Compression Coupling, 5" Middle Ring With Armored Gasket	181.94	
33 01 30 51-0253	EA	1-1/4" Steel Body, Compression Coupling, 5" Middle Ring With Armored Gasket	188.26	
33 01 30 51-0254	EA	1-1/2" Steel Body, Compression Coupling, 5" Middle Ring With Armored Gasket	210.21	
33 01 30 51-0255	EA	2" Steel Body, Compression Coupling, 5" Middle Ring With Armored Gasket	256.04	
33 01 30 51-0256		Compression Reducing Couplings For Steel Pipe *(33 01 30 51-0237)*		
		Note: Includes armored gaskets.		
33 01 30 51-0257	EA	3/4" x 1/2" Compression Reducing Coupling	83.69	
33 01 30 51-0258	EA	1" x 3/4" Compression Reducing Coupling	87.71	
33 01 30 51-0259	EA	1-1/4" x 3/4" Compression Reducing Coupling	98.76	
33 01 30 51-0260	EA	1-1/4" x 1" Compression Reducing Coupling	103.03	
33 01 30 51-0261	EA	1-1/2" x 3/4" Compression Reducing Coupling	205.93	
33 01 30 51-0262	EA	1-1/2" x 1" Compression Reducing Coupling	123.31	
33 01 30 51-0263	EA	1-1/2" x 1-1/4" Compression Reducing Coupling	123.91	
33 01 30 51-0264	EA	2" x 3/4" Compression Reducing Coupling	245.87	
33 01 30 51-0265	EA	2" x 1" Compression Reducing Coupling	222.13	
33 01 30 51-0266	EA	2" x 1-1/4" Compression Reducing Coupling	165.66	
33 01 30 51-0267	EA	2" x 1-1/2" Compression Reducing Coupling	165.03	
33 01 30 51-0268		Steel Compression Repair Fittings, Elbows *(33 01 30 51-0237)*		
		Note: Includes armored gaskets.		
33 01 30 51-0269	EA	1" Compression 45 Degree Elbow	142.19	
33 01 30 51-0270	EA	1-1/4" Compression 45 Degree Elbow	147.17	
33 01 30 51-0271	EA	1-1/2" Compression 45 Degree Elbow	190.58	
33 01 30 51-0272	EA	2" Compression 45 Degree Elbow	241.43	
33 01 30 51-0273	EA	3/4" Compression 90 Degree Elbow	93.54	
33 01 30 51-0274	EA	1" Compression 90 Degree Elbow	95.95	
33 01 30 51-0275	EA	1-1/4" Compression 90 Degree Elbow	112.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0276	EA	1-1/2" Compression 90 Degree Elbow	162.58	
33 01 30 51-0277	EA	2" Compression 90 Degree Elbow	176.68	
33 01 30 51-0278	EA	3/4" Plain End Compression 90 Degree Street Elbow	93.86	
33 01 30 51-0279	EA	1" Plain End Compression 90 Degree Street Elbow	80.56	
33 01 30 51-0280	EA	1-1/4" Plain End Compression 90 Degree Street Elbow	90.86	
33 01 30 51-0281	EA	1-1/2" Plain End Compression 90 Degree Street Elbow	115.09	
33 01 30 51-0282	EA	2" Plain End Compression 90 Degree Street Elbow	149.82	
33 01 30 51-0283	EA	3/4" Threaded End Compression 90 Degree Street Elbow	97.21	
33 01 30 51-0284	EA	1" Threaded End Compression 90 Degree Street Elbow	86.82	
33 01 30 51-0285	EA	1-1/4" Threaded End Compression 90 Degree Street Elbow	114.13	
33 01 30 51-0286	EA	1-1/2" Threaded End Compression 90 Degree Street Elbow	137.29	
33 01 30 51-0287	EA	2" Threaded End Compression 90 Degree Street Elbow	197.31	

33 01 30 51-0288 Steel Compression Repair Fittings, Tees *(33 01 30 51-0237)*

Note: Includes armored gaskets.

33 01 30 51-0289	EA	3/4" Compression Street Tee	99.93	
33 01 30 51-0290	EA	1" Compression Street Tee	117.73	
33 01 30 51-0291	EA	1-1/4" Compression Street Tee	117.26	
33 01 30 51-0292	EA	1-1/2" Compression Street Tee	133.98	
33 01 30 51-0293	EA	2" Compression Street Tee	208.51	
33 01 30 51-0294	EA	1-1/4" x 1-1/4" x 1" Compression Reducing Street Tee	116.05	
33 01 30 51-0295	EA	1-1/4" x 1" x 1-1/4" Compression Reducing Street Tee	122.12	
33 01 30 51-0296	EA	1-1/2" x 1-1/2" x 1" Compression Reducing Street Tee	152.98	
33 01 30 51-0297	EA	1-1/2" x 1-1/2" x 1-1/4" Compression Reducing Street Tee	180.38	
33 01 30 51-0298	EA	1-1/2" x 1" x 1-1/2" Compression Reducing Street Tee	181.59	
33 01 30 51-0299	EA	1-1/2" x 1-1/4" x 1-1/2" Compression Reducing Street Tee	150.40	
33 01 30 51-0300	EA	2" x 1-1/4" x 2" Compression Reducing Street Tee	202.58	
33 01 30 51-0301	EA	2" x 1-1/2" x 2" Compression Reducing Street Tee	233.03	
33 01 30 51-0302	EA	3/4" Welding Compression Street Tee	191.26	
33 01 30 51-0303	EA	1" Welding Compression Street Tee	190.02	
33 01 30 51-0304	EA	1-1/4" Welding Compression Street Tee	202.93	
33 01 30 51-0305	EA	1-1/2" Welding Compression Street Tee	243.57	
33 01 30 51-0306	EA	2" Welding Compression Street Tee	330.74	
33 01 30 51-0307	EA	3/4" Regular Compression Tee	138.13	
33 01 30 51-0308	EA	1" Regular Compression Tee	247.98	
33 01 30 51-0309	EA	1-1/4" Regular Compression Tee	260.77	
33 01 30 51-0310	EA	1-1/2" Regular Compression Tee	277.49	
33 01 30 51-0311	EA	2" Regular Compression Tee	306.08	
33 01 30 51-0312	EA	2" x 2" x 1-1/4" Regular Compression Reducing Tee	301.21	

33 01 30 51-0313 Steel Compression Repair Fittings, Male Adapters *(33 01 30 51-0237)*

Note: Includes armored gaskets.

33 01 30 51-0314	EA	3/4" Compression Male Adapter	93.26	
33 01 30 51-0315	EA	1" Compression Male Adapter	103.54	
33 01 30 51-0316	EA	1-1/4" Compression Male Adapter	136.37	
33 01 30 51-0317	EA	1-1/2" Compression Male Adapter	152.84	
33 01 30 51-0318	EA	2" Compression Male Adapter	171.58	
33 01 30 51-0319	EA	1" x 1-1/4" Compression Male Adapter	135.59	

33 01 30 51-0320 Steel Compression Repair Fittings, Line Caps *(33 01 30 51-0237)*

Note: Includes armored gaskets.

33 01 30 51-0321	EA	3/4" Compression Line Caps	50.37	
33 01 30 51-0322	EA	1" Compression Line Caps	58.63	
33 01 30 51-0323	EA	1-1/4" Compression Line Caps	67.04	
33 01 30 51-0324	EA	1-1/2" Compression Line Caps	78.53	
33 01 30 51-0325	EA	2" Compression Line Caps	97.21	

33 01 30 51-0326 Grind Offset Joint *(33 01 30 51-0001)*

33 01 30 51-0327	EA	6" To 10", Grind Drop Offset Joint	460.82	
33 01 30 51-0328	EA	>10" To 15", Grind Drop Offset Joint	614.43	
33 01 30 51-0329	EA	>15" To 24", Grind Drop Offset Joint	768.05	
33 01 30 51-0330	EA	>24" To 30", Grind Drop Offset Joint	921.66	

33 01 30 51-0331 Pipe Plugging *(33 01 30 51-0001)*

33 01 30 51-0332 Gravity Bladder Type, Temporary Pipe Plugging *(33 01 30 51-0331)*

Note: Includes insertion of expandable bladder device into pipe, expanding to block flow and removal.

33 01 30 51-0333	EA	3/4" Bladder Type, Temporary Pipe Plug	86.32	
33 01 30 51-0334	EA	1" Bladder Type, Temporary Pipe Plug	92.31	
33 01 30 51-0335	EA	1-1/4" Bladder Type, Temporary Pipe Plug	99.30	
33 01 30 51-0336	EA	1-1/2" Bladder Type, Temporary Pipe Plug	105.89	
33 01 30 51-0337	EA	2" Bladder Type, Temporary Pipe Plug	112.28	
33 01 30 51-0338	EA	2-1/2" Bladder Type, Temporary Pipe Plug	119.26	
33 01 30 51-0339	EA	3" Bladder Type, Temporary Pipe Plug	127.77	
33 01 30 51-0340	EA	4" Bladder Type, Temporary Pipe Plug	140.42	
33 01 30 51-0341	EA	5" Bladder Type, Temporary Pipe Plug	152.27	
33 01 30 51-0342	EA	6" Bladder Type, Temporary Pipe Plug	170.00	
33 01 30 51-0343	EA	8" Bladder Type, Temporary Pipe Plug	188.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0344	EA	10" Bladder Type, Temporary Pipe Plug	218.72	
33 01 30 51-0345	EA	12" Bladder Type, Temporary Pipe Plug	253.23	
33 01 30 51-0346	EA	14" Bladder Type, Temporary Pipe Plug	301.87	
33 01 30 51-0347	EA	16" Bladder Type, Temporary Pipe Plug	363.89	
33 01 30 51-0348	EA	18" Bladder Type, Temporary Pipe Plug	438.38	
33 01 30 51-0349	EA	20" Bladder Type, Temporary Pipe Plug	520.52	
33 01 30 51-0350	EA	24" Bladder Type, Temporary Pipe Plug	600.12	
33 01 30 51-0351		Hydra Stop, Hot Tapping Of Pressure Pipe *(33 01 30 51-0331)*		
		Note: Includes flanged or threaded lateral outlet, cutting and tapping pipe, insertion of expandable bladder device into pipe, expanding to block flow, and removal of bladder/cutting device.		
33 01 30 51-0352	EA	2" Hydra Stop, Line Stopper	2,909.51	
33 01 30 51-0353	EA	2-1/2" Hydra Stop, Line Stopper	3,650.68	
33 01 30 51-0354	EA	3" Hydra Stop, Line Stopper	4,474.62	
33 01 30 51-0355	EA	4" Hydra Stop, Line Stopper	5,405.13	
33 01 30 51-0356	EA	5" Hydra Stop, Line Stopper	6,101.10	
33 01 30 51-0357	EA	6" Hydra Stop, Line Stopper	7,217.13	
33 01 30 51-0358	EA	8" Hydra Stop, Line Stopper	7,913.12	
33 01 30 51-0359	EA	10" Hydra Stop, Line Stopper	9,029.11	
33 01 30 51-0360	EA	12" Hydra Stop, Line Stopper	10,145.16	
33 01 30 51-0361	EA	14" Hydra Stop, Line Stopper	11,330.14	
33 01 30 51-0362	EA	16" Hydra Stop, Line Stopper	12,929.07	
33 01 30 51-0363	EA	18" Hydra Stop, Line Stopper	14,734.92	
33 01 30 51-0364	EA	20" Hydra Stop, Line Stopper	17,506.39	
33 01 30 51-0365		Aluminum Expansion Plugs *(33 01 30 51-0331)*		
		Note: For use with PVC, clay Or cast iron drainage pipe.		
33 01 30 51-0366	EA	3" Pipe Aluminum Expansion Plug	79.37	
33 01 30 51-0367	EA	4" Pipe Aluminum Expansion Plug	114.94	
33 01 30 51-0368	EA	5" Pipe Aluminum Expansion Plug	129.62	
33 01 30 51-0369	EA	6" Pipe Aluminum Expansion Plug	197.82	
33 01 30 51-0370	EA	8" Pipe Aluminum Expansion Plug	203.19	
33 01 30 51-0371	EA	10" Pipe Aluminum Expansion Plug	254.63	
33 01 30 51-0372	EA	12" Pipe Aluminum Expansion Plug	345.17	
33 01 30 51-0373	EA	14" Pipe Aluminum Expansion Plug	559.06	
33 01 30 51-0374	EA	15" Pipe Aluminum Expansion Plug	605.64	
33 01 30 51-0375		Pipe Repair Clamp, Stainless Steel, 3" Long *(33 01 30 51-0001)*		
33 01 30 51-0376	EA	1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	169.49	
33 01 30 51-0377	EA	3/4" Diameter Pipe Clamp, Stainless Steel, 3" Long	170.04	
33 01 30 51-0378	EA	1" Diameter Pipe Clamp, Stainless Steel, 3" Long	171.43	
33 01 30 51-0379	EA	1-1/4" Diameter Pipe Clamp, Stainless Steel, 3" Long	172.82	
33 01 30 51-0380	EA	1-1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	173.52	
33 01 30 51-0381	EA	2" Diameter Pipe Clamp, Stainless Steel, 3" Long	175.60	
33 01 30 51-0382	EA	2-1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	177.69	
33 01 30 51-0383	EA	3" Diameter Pipe Clamp, Stainless Steel, 3" Long	180.47	
33 01 30 51-0384	EA	4" Diameter Pipe Clamp, Stainless Steel, 3" Long	311.32	
33 01 30 51-0385	EA	6" Diameter Pipe Clamp, Stainless Steel, 3" Long	320.35	
33 01 30 51-0386	EA	8" Diameter Pipe Clamp, Stainless Steel, 3" Long	326.61	
33 01 30 51-0387	EA	10" Diameter Pipe Clamp, Stainless Steel, 3" Long	392.66	
33 01 30 51-0388	EA	12" Diameter Pipe Clamp, Stainless Steel, 3" Long	401.00	
33 01 30 51-0389	EA	14" Diameter Pipe Clamp, Stainless Steel, 3" Long	406.56	
33 01 30 51-0390	EA	16" Diameter Pipe Clamp, Stainless Steel, 3" Long	414.91	
33 01 30 51-0391	EA	18" Diameter Pipe Clamp, Stainless Steel, 3" Long	423.25	
33 01 30 51-0392	EA	20" Diameter Pipe Clamp, Stainless Steel, 3" Long	434.37	
33 01 30 51-0393	EA	24" Diameter Pipe Clamp, Stainless Steel, 3" Long	453.84	
33 01 30 51-0394		PolySeal Pipe Coupler *(33 01 30 51-0001)*		
33 01 30 51-0395	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	350.44	
33 01 30 51-0396	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	395.59	
33 01 30 63		**Sewer and Pipe Joint Sealing** *(33 01 30)*		
33 01 30 63-0001		Joint Air Test *(33 01 30 63)*		
33 01 30 63-0002	EA	4" To 8", Joint Air Test	103.83	
33 01 30 63-0003	EA	10" To 15", Joint Air Test	121.13	
33 01 30 63-0004	EA	>15" To 21", Joint Air Test	138.44	
33 01 30 63-0005	EA	>21" To 24", Joint Air Test	173.05	
33 01 30 63-0006	EA	>24" To 27", Joint Air Test	207.66	
33 01 30 63-0007	EA	>27" To 36", Joint Air Test	242.27	
33 01 30 63-0008		Joint Seal And Joint Air Retest *(33 01 30 63)*		
		Note: Includes grout.		
33 01 30 63-0009	EA	4" Joint Seal And Joint Air Retest	314.08	
		Note: Includes up to 1 gallon of grout.		
33 01 30 63-0010	EA	6" Joint Seal And Joint Air Retest	348.69	
		Note: Includes 1 gallon of grout.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 63-0011	EA	8" Joint Seal And Joint Air Retest Note: Includes 2 gallons of grout.	420.49	
33 01 30 63-0012	EA	10" Joint Seal And Joint Air Retest Note: Includes 2.5 gallons of grout.	473.70	
33 01 30 63-0013	EA	12" Joint Seal And Joint Air Retest Note: Includes 3 gallons of grout.	526.91	
33 01 30 63-0014	EA	15" Joint Seal And Joint Air Retest Note: Includes 3.75 gallons of grout.	624.03	
33 01 30 63-0015	EA	18" Joint Seal And Joint Air Retest Note: Includes 4.5 gallons of grout.	721.14	
33 01 30 63-0016	EA	21" Joint Seal And Joint Air Retest Note: Includes 5.25 gallons of grout.	818.26	
33 01 30 63-0017	EA	24" Joint Seal And Joint Air Retest Note: Includes 6 gallons of grout.	949.99	
33 01 30 63-0018	EA	27" Joint Seal And Joint Air Retest Note: Includes 6.75 gallons of grout.	1,081.72	
33 01 30 63-0019	EA	30" Joint Seal And Joint Air Retest Note: Includes 7.5 gallons of grout.	1,248.05	
33 01 30 63-0020	EA	36" Joint Seal And Joint Air Retest Note: Includes 9 gallons of grout.	1,442.28	
33 01 30 63-0021	GAL	Extra Grout Per Joint Note: For extra grout per joint required over listed amount.	175.64	

33 01 30 70 Rehabilitation of Sewer Utilities *(33 01 30)*

33 01 30 70-0001 Cementitious Pipe Coatings By Hand *(33 01 30 70)*

Note: To be used on repair areas to install the coating on the exposed portion of the pipe.

33 01 30 70-0002	SF	Up To 1" Thick Cementitious Coating On Pipe, Troweled On	10.32	
33 01 30 70-0003	SF	>1" To 2" Thick Cementitious Coating On Pipe, Troweled On	15.66	

33 01 30 71 Relining Sewers *(33 01 30)*

33 01 30 71-0001 Relining Underground Pipelines *(33 01 30 71)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hour response for owners' backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 71-0002 Polyvinyl Chloride (PVC) Liner Pipe *(33 01 30 71-0001)*

Note: Sanitary and storm sewer trenchless slip-lining.

33 01 30 71-0003	LF	12" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	33.18
33 01 30 71-0004	LF	15" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	49.66
33 01 30 71-0005	LF	18" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	66.87
33 01 30 71-0006	LF	21" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	82.94
33 01 30 71-0007	LF	24" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	108.50
33 01 30 71-0008	LF	27" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	130.15
33 01 30 71-0009	LF	30" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	148.97
33 01 30 71-0010	LF	36" A-2 Polyvinyl Chloride (PVC) Slip-Liner Pipe	212.35

33 01 30 71-0011 25% Asphalt Paving In Pipe, Cold Applied, ASTM A849 *(33 01 30 71-0001)*

Note: Excludes costs for CCTV inspection, sewer cleaning, bypass pumping.

33 01 30 71-0012	LF	12" Diameter Pipe, 25% Asphalt Paved Note: Cold applied to corrugated metal pipe.	8.94
		For Up To 100 LF Total Relining (All Sizes), Add	*2.05*
		For >100 To 250 LF Total Relining (All Sizes), Add	*1.64*
		For >250 To 500 LF Total Relining (All Sizes), Add	*0.82*
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.60*
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.01*
33 01 30 71-0013	LF	15" Diameter Pipe, 25% Asphalt Paved Note: Cold applied to corrugated metal pipe.	11.64
		For Up To 100 LF Total Relining (All Sizes), Add	*2.62*
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.10*
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.05*
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.76*
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.28*
33 01 30 71-0014	LF	18" Diameter Pipe, 25% Asphalt Paved Note: Cold applied to corrugated metal pipe.	13.96
		For Up To 100 LF Total Relining (All Sizes), Add	*3.14*
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.51*
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.26*
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.91*
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.54*
33 01 30 71-0015	LF	21" Diameter Pipe, 25% Asphalt Paved Note: Cold applied to corrugated metal pipe.	16.29
		For Up To 100 LF Total Relining (All Sizes), Add	*3.67*
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.93*
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.47*
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.06*
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.79*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0016	LF	24" Diameter Pipe, 25% Asphalt Paved	18.62	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*4.19*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*3.35*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.68*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.21*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-2.05*	
33 01 30 71-0017	LF	30" Diameter Pipe, 25% Asphalt Paved	23.27	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*5.24*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*4.19*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.10*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.51*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-2.56*	
33 01 30 71-0018	LF	36" Diameter Pipe, 25% Asphalt Paved	27.93	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*6.29*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*5.03*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.52*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.82*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-3.07*	
33 01 30 71-0019	LF	42" Diameter Pipe, 25% Asphalt Paved	32.59	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*7.34*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*5.87*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.93*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.12*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-3.59*	
33 01 30 71-0020	LF	48" Diameter Pipe, 25% Asphalt Paved	37.23	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*8.38*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*6.71*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*3.35*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.42*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-4.10*	
33 01 30 71-0021	LF	54" Diameter Pipe, 25% Asphalt Paved	41.89	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*9.43*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*7.54*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*3.77*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.72*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-4.61*	
33 01 30 71-0022	LF	60" Diameter Pipe, 25% Asphalt Paved	46.55	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*10.48*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*8.38*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*4.19*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.03*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-5.12*	
33 01 30 71-0023	LF	66" Diameter Pipe, 25% Asphalt Paved	51.19	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*11.52*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*9.22*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*4.61*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.33*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-5.63*	
33 01 30 71-0024	LF	72" Diameter Pipe, 25% Asphalt Paved	55.85	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*12.57*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*10.06*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.03*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.63*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-6.15*	
33 01 30 71-0025	LF	78" Diameter Pipe, 25% Asphalt Paved	60.50	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*13.62*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*10.90*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.45*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.94*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-6.66*	
33 01 30 71-0026	LF	84" Diameter Pipe, 25% Asphalt Paved	65.16	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*14.67*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*11.74*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.87*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.24*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-7.17*	
33 01 30 71-0027	LF	90" Diameter Pipe, 25% Asphalt Paved	69.82	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*15.72*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*12.57*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*6.29*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.54*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-7.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0028	LF	96" Diameter Pipe, 25% Asphalt Paved	74.46	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*16.76*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*13.41*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*6.71*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.84*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-8.20*	
33 01 30 71-0029	LF	102" Diameter Pipe, 25% Asphalt Paved	79.12	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*17.81*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*14.25*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.12*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.15*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-8.71*	
33 01 30 71-0030	LF	108" Diameter Pipe, 25% Asphalt Paved	83.80	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*18.87*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*15.09*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.55*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.45*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-9.22*	
33 01 30 71-0031	LF	114" Diameter Pipe, 25% Asphalt Paved	88.44	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*19.91*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*15.93*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.96*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.75*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-9.73*	
33 01 30 71-0032	LF	120" Diameter Pipe, 25% Asphalt Paved	93.10	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*20.96*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*16.77*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*8.38*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.06*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-10.25*	
33 01 30 71-0033	LF	126" Diameter Pipe, 25% Asphalt Paved	97.76	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*22.01*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*17.61*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*8.80*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.36*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-10.76*	
33 01 30 71-0034	LF	132" Diameter Pipe, 25% Asphalt Paved	102.40	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*23.05*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*18.44*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*9.22*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.66*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-11.27*	
33 01 30 71-0035	LF	138" Diameter Pipe, 25% Asphalt Paved	107.07	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*24.10*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*19.28*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*9.64*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.96*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-11.79*	
33 01 30 71-0036	LF	144" Diameter Pipe, 25% Asphalt Paved	111.73	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*25.15*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*20.12*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*10.06*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-7.27*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-12.30*	
33 01 30 71-0037		Lining Pipe, Spray Applied With Structural Polyurethane *(33 01 30 71-0001)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0038		Mobilization And Set-up For Spray Applied Structural Polyurethane Lining *(33 01 30 71-0037)*		
33 01 30 71-0039	EA	Initial Set-up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining	2,182.96	
33 01 30 71-0040		Lining Pipe, Spray Applied With 100 mil Structural Polyurethane *(33 01 30 71-0037)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0041	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	64.04	
		For Up To 75, Add	*13.99*	
		For >75 To 150, Add	*6.40*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000 To 2,000, Deduct	*-3.39*	
		For >2,000 To 5,000, Deduct	*-5.26*	
		For >5,000, Deduct	*-7.58*	
33 01 30 71-0042	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	74.70	
		For Up To 75, Add	*16.31*	
		For >75 To 150, Add	*7.47*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000 To 2,000, Deduct	*-3.95*	
		For >2,000 To 5,000, Deduct	*-6.13*	
		For >5,000, Deduct	*-8.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0043	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	85.38	
		For Up To 75, Add	*18.65*	
		For >75 To 150, Add	*8.54*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000 To 2,000, Deduct	*-4.51*	
		For >2,000 To 5,000, Deduct	*-7.01*	
		For >5,000, Deduct	*-10.11*	
33 01 30 71-0044	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	96.05	
		For Up To 75, Add	*20.98*	
		For >75 To 150, Add	*9.61*	
		For >500 To 1,000, Deduct	*-2.63*	
		For >1,000 To 2,000, Deduct	*-5.08*	
		For >2,000 To 5,000, Deduct	*-7.88*	
		For >5,000, Deduct	*-11.37*	
33 01 30 71-0045	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	106.73	
		For Up To 75, Add	*23.31*	
		For >75 To 150, Add	*10.67*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000 To 2,000, Deduct	*-5.64*	
		For >2,000 To 5,000, Deduct	*-8.76*	
		For >5,000, Deduct	*-12.64*	
33 01 30 71-0046	LF	66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	117.40	
		For Up To 75, Add	*25.64*	
		For >75 To 150, Add	*11.74*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000 To 2,000, Deduct	*-6.21*	
		For >2,000 To 5,000, Deduct	*-9.63*	
		For >5,000, Deduct	*-13.90*	
33 01 30 71-0047	LF	72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	128.07	
		For Up To 75, Add	*27.97*	
		For >75 To 150, Add	*12.81*	
		For >500 To 1,000, Deduct	*-3.50*	
		For >1,000 To 2,000, Deduct	*-6.77*	
		For >2,000 To 5,000, Deduct	*-10.51*	
		For >5,000, Deduct	*-15.16*	
33 01 30 71-0048	LF	78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	138.74	
		For Up To 75, Add	*30.30*	
		For >75 To 150, Add	*13.87*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000 To 2,000, Deduct	*-7.34*	
		For >2,000 To 5,000, Deduct	*-11.39*	
		For >5,000, Deduct	*-16.43*	
33 01 30 71-0049	LF	84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	149.42	
		For Up To 75, Add	*32.63*	
		For >75 To 150, Add	*14.94*	
		For >500 To 1,000, Deduct	*-4.09*	
		For >1,000 To 2,000, Deduct	*-7.90*	
		For >2,000 To 5,000, Deduct	*-12.26*	
		For >5,000, Deduct	*-17.69*	
33 01 30 71-0050	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	160.08	
		For Up To 75, Add	*34.96*	
		For >75 To 150, Add	*16.01*	
		For >500 To 1,000, Deduct	*-4.38*	
		For >1,000 To 2,000, Deduct	*-8.46*	
		For >2,000 To 5,000, Deduct	*-13.14*	
		For >5,000, Deduct	*-18.95*	
33 01 30 71-0051	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	170.75	
		For Up To 75, Add	*37.29*	
		For >75 To 150, Add	*17.08*	
		For >500 To 1,000, Deduct	*-4.67*	
		For >1,000 To 2,000, Deduct	*-9.03*	
		For >2,000 To 5,000, Deduct	*-14.01*	
		For >5,000, Deduct	*-20.21*	
33 01 30 71-0052	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	181.43	
		For Up To 75, Add	*39.62*	
		For >75 To 150, Add	*18.14*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000 To 2,000, Deduct	*-9.59*	
		For >2,000 To 5,000, Deduct	*-14.89*	
		For >5,000, Deduct	*-21.48*	
33 01 30 71-0053	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	192.10	
		For Up To 75, Add	*41.95*	
		For >75 To 150, Add	*19.21*	
		For >500 To 1,000, Deduct	*-5.25*	
		For >1,000 To 2,000, Deduct	*-10.16*	
		For >2,000 To 5,000, Deduct	*-15.76*	
		For >5,000, Deduct	*-22.74*	
33 01 30 71-0054	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	202.78	
		For Up To 75, Add	*44.28*	
		For >75 To 150, Add	*20.28*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000 To 2,000, Deduct	*-10.72*	
		For >2,000 To 5,000, Deduct	*-16.64*	
		For >5,000, Deduct	*-24.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0055	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	213.44	
		For Up To 75, Add	*46.61*	
		For >75 To 150, Add	*21.34*	
		For >500 To 1,000, Deduct	*-5.84*	
		For >1,000 To 2,000, Deduct	*-11.28*	
		For >2,000 To 5,000, Deduct	*-17.52*	
		For >5,000, Deduct	*-25.27*	
33 01 30 71-0056	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	6.80	

33 01 30 71-0057 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0058	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	85.56	
		For Up To 75, Add	*18.35*	
		For >75 To 150, Add	*8.56*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000 To 2,000, Deduct	*-4.29*	
		For >2,000 To 5,000, Deduct	*-6.62*	
		For >5,000, Deduct	*-9.80*	
33 01 30 71-0059	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	99.81	
		For Up To 75, Add	*21.41*	
		For >75 To 150, Add	*9.98*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000 To 2,000, Deduct	*-5.00*	
		For >2,000 To 5,000, Deduct	*-7.72*	
		For >5,000, Deduct	*-11.43*	
33 01 30 71-0060	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	114.07	
		For Up To 75, Add	*24.47*	
		For >75 To 150, Add	*11.41*	
		For >500 To 1,000, Deduct	*-2.94*	
		For >1,000 To 2,000, Deduct	*-5.72*	
		For >2,000 To 5,000, Deduct	*-8.83*	
		For >5,000, Deduct	*-13.06*	
33 01 30 71-0061	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	128.33	
		For Up To 75, Add	*27.53*	
		For >75 To 150, Add	*12.83*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000 To 2,000, Deduct	*-6.43*	
		For >2,000 To 5,000, Deduct	*-9.93*	
		For >5,000, Deduct	*-14.69*	
33 01 30 71-0062	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	142.60	
		For Up To 75, Add	*30.59*	
		For >75 To 150, Add	*14.26*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000 To 2,000, Deduct	*-7.15*	
		For >2,000 To 5,000, Deduct	*-11.04*	
		For >5,000, Deduct	*-16.33*	
33 01 30 71-0063	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	156.85	
		For Up To 75, Add	*33.64*	
		For >75 To 150, Add	*15.69*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000 To 2,000, Deduct	*-7.86*	
		For >2,000 To 5,000, Deduct	*-12.14*	
		For >5,000, Deduct	*-17.96*	
33 01 30 71-0064	LF	72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	171.11	
		For Up To 75, Add	*36.70*	
		For >75 To 150, Add	*17.11*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000 To 2,000, Deduct	*-8.58*	
		For >2,000 To 5,000, Deduct	*-13.24*	
		For >5,000, Deduct	*-19.59*	
33 01 30 71-0065	LF	78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	185.36	
		For Up To 75, Add	*39.76*	
		For >75 To 150, Add	*18.54*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000 To 2,000, Deduct	*-9.29*	
		For >2,000 To 5,000, Deduct	*-14.34*	
		For >5,000, Deduct	*-21.22*	
33 01 30 71-0066	LF	84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	199.63	
		For Up To 75, Add	*42.82*	
		For >75 To 150, Add	*19.96*	
		For >500 To 1,000, Deduct	*-5.15*	
		For >1,000 To 2,000, Deduct	*-10.01*	
		For >2,000 To 5,000, Deduct	*-15.45*	
		For >5,000, Deduct	*-22.86*	
33 01 30 71-0067	LF	90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	213.88	
		For Up To 75, Add	*45.87*	
		For >75 To 150, Add	*21.39*	
		For >500 To 1,000, Deduct	*-5.52*	
		For >1,000 To 2,000, Deduct	*-10.72*	
		For >2,000 To 5,000, Deduct	*-16.55*	
		For >5,000, Deduct	*-24.49*	
33 01 30 71-0068	LF	96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	228.15	
		For Up To 75, Add	*48.94*	
		For >75 To 150, Add	*22.82*	
		For >500 To 1,000, Deduct	*-5.89*	
		For >1,000 To 2,000, Deduct	*-11.44*	
		For >2,000 To 5,000, Deduct	*-17.66*	
		For >5,000, Deduct	*-26.12*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0069	LF	102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	242.41	
		For Up To 75, Add	*51.99*	
		For >75 To 150, Add	*24.24*	
		For >500 To 1,000, Deduct	*-6.25*	
		For >1,000 To 2,000, Deduct	*-12.15*	
		For >2,000 To 5,000, Deduct	*-18.76*	
		For >5,000, Deduct	*-27.75*	
33 01 30 71-0070	LF	108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	256.67	
		For Up To 75, Add	*55.05*	
		For >75 To 150, Add	*25.67*	
		For >500 To 1,000, Deduct	*-6.62*	
		For >1,000 To 2,000, Deduct	*-12.87*	
		For >2,000 To 5,000, Deduct	*-19.86*	
		For >5,000, Deduct	*-29.39*	
33 01 30 71-0071	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	270.91	
		For Up To 75, Add	*58.11*	
		For >75 To 150, Add	*27.09*	
		For >500 To 1,000, Deduct	*-6.99*	
		For >1,000 To 2,000, Deduct	*-13.58*	
		For >2,000 To 5,000, Deduct	*-20.96*	
		For >5,000, Deduct	*-31.02*	
33 01 30 71-0072	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	285.18	
		For Up To 75, Add	*61.17*	
		For >75 To 150, Add	*28.52*	
		For >500 To 1,000, Deduct	*-7.36*	
		For >1,000 To 2,000, Deduct	*-14.30*	
		For >2,000 To 5,000, Deduct	*-22.07*	
		For >5,000, Deduct	*-32.65*	
33 01 30 71-0073	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	9.08	

33 01 30 71-0074 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0075	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	107.05	
		For Up To 75, Add	*22.71*	
		For >75 To 150, Add	*10.71*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000 To 2,000, Deduct	*-5.19*	
		For >2,000 To 5,000, Deduct	*-7.99*	
		For >5,000, Deduct	*-12.01*	
33 01 30 71-0076	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	124.91	
		For Up To 75, Add	*26.50*	
		For >75 To 150, Add	*12.49*	
		For >500 To 1,000, Deduct	*-3.11*	
		For >1,000 To 2,000, Deduct	*-6.06*	
		For >2,000 To 5,000, Deduct	*-9.32*	
		For >5,000, Deduct	*-14.01*	
33 01 30 71-0077	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	142.75	
		For Up To 75, Add	*30.29*	
		For >75 To 150, Add	*14.28*	
		For >500 To 1,000, Deduct	*-3.55*	
		For >1,000 To 2,000, Deduct	*-6.93*	
		For >2,000 To 5,000, Deduct	*-10.65*	
		For >5,000, Deduct	*-16.01*	
33 01 30 71-0078	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	160.60	
		For Up To 75, Add	*34.08*	
		For >75 To 150, Add	*16.06*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000 To 2,000, Deduct	*-7.79*	
		For >2,000 To 5,000, Deduct	*-11.98*	
		For >5,000, Deduct	*-18.02*	
33 01 30 71-0079	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	178.45	
		For Up To 75, Add	*37.86*	
		For >75 To 150, Add	*17.85*	
		For >500 To 1,000, Deduct	*-4.44*	
		For >1,000 To 2,000, Deduct	*-8.66*	
		For >2,000 To 5,000, Deduct	*-13.32*	
		For >5,000, Deduct	*-20.02*	
33 01 30 71-0080	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	196.27	
		For Up To 75, Add	*41.65*	
		For >75 To 150, Add	*19.63*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000 To 2,000, Deduct	*-9.52*	
		For >2,000 To 5,000, Deduct	*-14.65*	
		For >5,000, Deduct	*-22.02*	
33 01 30 71-0081	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	214.13	
		For Up To 75, Add	*45.44*	
		For >75 To 150, Add	*21.41*	
		For >500 To 1,000, Deduct	*-5.33*	
		For >1,000 To 2,000, Deduct	*-10.39*	
		For >2,000 To 5,000, Deduct	*-15.98*	
		For >5,000, Deduct	*-24.02*	
33 01 30 71-0082	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	231.97	
		For Up To 75, Add	*49.22*	
		For >75 To 150, Add	*23.20*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000 To 2,000, Deduct	*-11.26*	
		For >2,000 To 5,000, Deduct	*-17.31*	
		For >5,000, Deduct	*-26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0083	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	249.82	
		For Up To 75, Add	*53.01*	
		For >75 To 150, Add	*24.98*	
		For >500 To 1,000, Deduct	*-6.21*	
		For >1,000 To 2,000, Deduct	*-12.12*	
		For >2,000 To 5,000, Deduct	*-18.64*	
		For >5,000, Deduct	*-28.03*	
33 01 30 71-0084	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	267.66	
		For Up To 75, Add	*56.79*	
		For >75 To 150, Add	*26.77*	
		For >500 To 1,000, Deduct	*-6.66*	
		For >1,000 To 2,000, Deduct	*-12.99*	
		For >2,000 To 5,000, Deduct	*-19.97*	
		For >5,000, Deduct	*-30.03*	
33 01 30 71-0085	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	285.51	
		For Up To 75, Add	*60.58*	
		For >75 To 150, Add	*28.55*	
		For >500 To 1,000, Deduct	*-7.10*	
		For >1,000 To 2,000, Deduct	*-13.86*	
		For >2,000 To 5,000, Deduct	*-21.31*	
		For >5,000, Deduct	*-32.03*	
33 01 30 71-0086	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	303.35	
		For Up To 75, Add	*64.37*	
		For >75 To 150, Add	*30.34*	
		For >500 To 1,000, Deduct	*-7.55*	
		For >1,000 To 2,000, Deduct	*-14.72*	
		For >2,000 To 5,000, Deduct	*-22.64*	
		For >5,000, Deduct	*-34.03*	
33 01 30 71-0087	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	321.20	
		For Up To 75, Add	*68.15*	
		For >75 To 150, Add	*32.12*	
		For >500 To 1,000, Deduct	*-7.99*	
		For >1,000 To 2,000, Deduct	*-15.59*	
		For >2,000 To 5,000, Deduct	*-23.97*	
		For >5,000, Deduct	*-36.03*	
33 01 30 71-0088	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	339.04	
		For Up To 75, Add	*71.94*	
		For >75 To 150, Add	*33.90*	
		For >500 To 1,000, Deduct	*-8.43*	
		For >1,000 To 2,000, Deduct	*-16.45*	
		For >2,000 To 5,000, Deduct	*-25.30*	
		For >5,000, Deduct	*-38.04*	
33 01 30 71-0089	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	356.88	
		For Up To 75, Add	*75.72*	
		For >75 To 150, Add	*35.69*	
		For >500 To 1,000, Deduct	*-8.88*	
		For >1,000 To 2,000, Deduct	*-17.32*	
		For >2,000 To 5,000, Deduct	*-26.63*	
		For >5,000, Deduct	*-40.04*	
33 01 30 71-0090	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	11.37	

33 01 30 71-0091 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0092	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	128.68	
		For Up To 75, Add	*27.11*	
		For >75 To 150, Add	*12.87*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000 To 2,000, Deduct	*-6.11*	
		For >2,000 To 5,000, Deduct	*-9.37*	
		For >5,000, Deduct	*-14.24*	
33 01 30 71-0093	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	150.13	
		For Up To 75, Add	*31.63*	
		For >75 To 150, Add	*15.01*	
		For >500 To 1,000, Deduct	*-3.64*	
		For >1,000 To 2,000, Deduct	*-7.13*	
		For >2,000 To 5,000, Deduct	*-10.93*	
		For >5,000, Deduct	*-16.62*	
33 01 30 71-0094	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	171.58	
		For Up To 75, Add	*36.15*	
		For >75 To 150, Add	*17.16*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000 To 2,000, Deduct	*-8.14*	
		For >2,000 To 5,000, Deduct	*-12.49*	
		For >5,000, Deduct	*-18.99*	
33 01 30 71-0095	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	193.02	
		For Up To 75, Add	*40.66*	
		For >75 To 150, Add	*19.30*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000 To 2,000, Deduct	*-9.16*	
		For >2,000 To 5,000, Deduct	*-14.05*	
		For >5,000, Deduct	*-21.36*	
33 01 30 71-0096	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	214.47	
		For Up To 75, Add	*45.18*	
		For >75 To 150, Add	*21.45*	
		For >500 To 1,000, Deduct	*-5.21*	
		For >1,000 To 2,000, Deduct	*-10.18*	
		For >2,000 To 5,000, Deduct	*-15.62*	
		For >5,000, Deduct	*-23.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0097	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	235.91	
		For Up To 75, Add	*49.70*	
		For >75 To 150, Add	*23.59*	
		For >500 To 1,000, Deduct	*-5.73*	
		For >1,000 To 2,000, Deduct	*-11.20*	
		For >2,000 To 5,000, Deduct	*-17.18*	
		For >5,000, Deduct	*-26.11*	
33 01 30 71-0098	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	257.36	
		For Up To 75, Add	*54.22*	
		For >75 To 150, Add	*25.74*	
		For >500 To 1,000, Deduct	*-6.25*	
		For >1,000 To 2,000, Deduct	*-12.22*	
		For >2,000 To 5,000, Deduct	*-18.74*	
		For >5,000, Deduct	*-28.48*	
33 01 30 71-0099	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	278.81	
		For Up To 75, Add	*58.74*	
		For >75 To 150, Add	*27.88*	
		For >500 To 1,000, Deduct	*-6.77*	
		For >1,000 To 2,000, Deduct	*-13.24*	
		For >2,000 To 5,000, Deduct	*-20.30*	
		For >5,000, Deduct	*-30.86*	
33 01 30 71-0100	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	300.25	
		For Up To 75, Add	*63.25*	
		For >75 To 150, Add	*30.03*	
		For >500 To 1,000, Deduct	*-7.29*	
		For >1,000 To 2,000, Deduct	*-14.25*	
		For >2,000 To 5,000, Deduct	*-21.86*	
		For >5,000, Deduct	*-33.23*	
33 01 30 71-0101	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	321.71	
		For Up To 75, Add	*67.78*	
		For >75 To 150, Add	*32.17*	
		For >500 To 1,000, Deduct	*-7.81*	
		For >1,000 To 2,000, Deduct	*-15.27*	
		For >2,000 To 5,000, Deduct	*-23.42*	
		For >5,000, Deduct	*-35.60*	
33 01 30 71-0102	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	343.15	
		For Up To 75, Add	*72.29*	
		For >75 To 150, Add	*34.32*	
		For >500 To 1,000, Deduct	*-8.33*	
		For >1,000 To 2,000, Deduct	*-16.29*	
		For >2,000 To 5,000, Deduct	*-24.98*	
		For >5,000, Deduct	*-37.98*	
33 01 30 71-0103	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	364.59	
		For Up To 75, Add	*76.81*	
		For >75 To 150, Add	*36.46*	
		For >500 To 1,000, Deduct	*-8.85*	
		For >1,000 To 2,000, Deduct	*-17.31*	
		For >2,000 To 5,000, Deduct	*-26.54*	
		For >5,000, Deduct	*-40.35*	
33 01 30 71-0104	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	386.04	
		For Up To 75, Add	*81.33*	
		For >75 To 150, Add	*38.60*	
		For >500 To 1,000, Deduct	*-9.37*	
		For >1,000 To 2,000, Deduct	*-18.33*	
		For >2,000 To 5,000, Deduct	*-28.11*	
		For >5,000, Deduct	*-42.72*	
33 01 30 71-0105	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	407.49	
		For Up To 75, Add	*85.85*	
		For >75 To 150, Add	*40.75*	
		For >500 To 1,000, Deduct	*-9.89*	
		For >1,000 To 2,000, Deduct	*-19.34*	
		For >2,000 To 5,000, Deduct	*-29.67*	
		For >5,000, Deduct	*-45.10*	
33 01 30 71-0106	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	428.94	
		For Up To 75, Add	*90.37*	
		For >75 To 150, Add	*42.89*	
		For >500 To 1,000, Deduct	*-10.41*	
		For >1,000 To 2,000, Deduct	*-20.36*	
		For >2,000 To 5,000, Deduct	*-31.23*	
		For >5,000, Deduct	*-47.47*	
33 01 30 71-0107	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	13.65	

33 01 30 71-0108 Lining Pipe, Spray Applied With 300 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0109	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	150.45	
		For Up To 75, Add	*31.54*	
		For >75 To 150, Add	*15.05*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000 To 2,000, Deduct	*-7.03*	
		For >2,000 To 5,000, Deduct	*-10.76*	
		For >5,000, Deduct	*-16.49*	
33 01 30 71-0110	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	175.52	
		For Up To 75, Add	*36.79*	
		For >75 To 150, Add	*17.55*	
		For >500 To 1,000, Deduct	*-4.19*	
		For >1,000 To 2,000, Deduct	*-8.20*	
		For >2,000 To 5,000, Deduct	*-12.56*	
		For >5,000, Deduct	*-19.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0111	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	200.60	
		For Up To 75, Add	*42.05*	
		For >75 To 150, Add	*20.06*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000 To 2,000, Deduct	*-9.37*	
		For >2,000 To 5,000, Deduct	*-14.35*	
		For >5,000, Deduct	*-21.99*	
33 01 30 71-0112	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	225.66	
		For Up To 75, Add	*47.30*	
		For >75 To 150, Add	*22.57*	
		For >500 To 1,000, Deduct	*-5.38*	
		For >1,000 To 2,000, Deduct	*-10.54*	
		For >2,000 To 5,000, Deduct	*-16.14*	
		For >5,000, Deduct	*-24.73*	
33 01 30 71-0113	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	250.75	
		For Up To 75, Add	*52.56*	
		For >75 To 150, Add	*25.08*	
		For >500 To 1,000, Deduct	*-5.98*	
		For >1,000 To 2,000, Deduct	*-11.72*	
		For >2,000 To 5,000, Deduct	*-17.94*	
		For >5,000, Deduct	*-27.48*	
33 01 30 71-0114	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	275.82	
		For Up To 75, Add	*57.81*	
		For >75 To 150, Add	*27.58*	
		For >500 To 1,000, Deduct	*-6.58*	
		For >1,000 To 2,000, Deduct	*-12.89*	
		For >2,000 To 5,000, Deduct	*-19.73*	
		For >5,000, Deduct	*-30.23*	
33 01 30 71-0115	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	300.88	
		For Up To 75, Add	*63.07*	
		For >75 To 150, Add	*30.09*	
		For >500 To 1,000, Deduct	*-7.17*	
		For >1,000 To 2,000, Deduct	*-14.06*	
		For >2,000 To 5,000, Deduct	*-21.52*	
		For >5,000, Deduct	*-32.98*	
33 01 30 71-0116	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	325.97	
		For Up To 75, Add	*68.33*	
		For >75 To 150, Add	*32.60*	
		For >500 To 1,000, Deduct	*-7.77*	
		For >1,000 To 2,000, Deduct	*-15.23*	
		For >2,000 To 5,000, Deduct	*-23.32*	
		For >5,000, Deduct	*-35.73*	
33 01 30 71-0117	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	351.03	
		For Up To 75, Add	*73.58*	
		For >75 To 150, Add	*35.10*	
		For >500 To 1,000, Deduct	*-8.37*	
		For >1,000 To 2,000, Deduct	*-16.40*	
		For >2,000 To 5,000, Deduct	*-25.11*	
		For >5,000, Deduct	*-38.48*	
33 01 30 71-0118	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	376.12	
		For Up To 75, Add	*78.84*	
		For >75 To 150, Add	*37.61*	
		For >500 To 1,000, Deduct	*-8.97*	
		For >1,000 To 2,000, Deduct	*-17.57*	
		For >2,000 To 5,000, Deduct	*-26.90*	
		For >5,000, Deduct	*-41.23*	
33 01 30 71-0119	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	401.19	
		For Up To 75, Add	*84.09*	
		For >75 To 150, Add	*40.12*	
		For >500 To 1,000, Deduct	*-9.57*	
		For >1,000 To 2,000, Deduct	*-18.75*	
		For >2,000 To 5,000, Deduct	*-28.70*	
		For >5,000, Deduct	*-43.97*	
33 01 30 71-0120	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	426.26	
		For Up To 75, Add	*89.35*	
		For >75 To 150, Add	*42.63*	
		For >500 To 1,000, Deduct	*-10.16*	
		For >1,000 To 2,000, Deduct	*-19.92*	
		For >2,000 To 5,000, Deduct	*-30.49*	
		For >5,000, Deduct	*-46.72*	
33 01 30 71-0121	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	451.34	
		For Up To 75, Add	*94.60*	
		For >75 To 150, Add	*45.13*	
		For >500 To 1,000, Deduct	*-10.76*	
		For >1,000 To 2,000, Deduct	*-21.09*	
		For >2,000 To 5,000, Deduct	*-32.28*	
		For >5,000, Deduct	*-49.47*	
33 01 30 71-0122	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	476.41	
		For Up To 75, Add	*99.86*	
		For >75 To 150, Add	*47.64*	
		For >500 To 1,000, Deduct	*-11.36*	
		For >1,000 To 2,000, Deduct	*-22.26*	
		For >2,000 To 5,000, Deduct	*-34.08*	
		For >5,000, Deduct	*-52.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0123	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	501.49	
		For Up To 75, Add	*105.12*	
		For >75 To 150, Add	*50.15*	
		For >500 To 1,000, Deduct	*-11.96*	
		For >1,000 To 2,000, Deduct	*-23.43*	
		For >2,000 To 5,000, Deduct	*-35.87*	
		For >5,000, Deduct	*-54.97*	
33 01 30 71-0124	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	15.97	

33 01 30 71-0125 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0126	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	194.08	
		For Up To 75, Add	*40.42*	
		For >75 To 150, Add	*19.41*	
		For >500 To 1,000, Deduct	*-4.52*	
		For >1,000 To 2,000, Deduct	*-8.89*	
		For >2,000 To 5,000, Deduct	*-13.57*	
		For >5,000, Deduct	*-21.01*	
33 01 30 71-0127	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	226.42	
		For Up To 75, Add	*47.16*	
		For >75 To 150, Add	*22.64*	
		For >500 To 1,000, Deduct	*-5.28*	
		For >1,000 To 2,000, Deduct	*-10.37*	
		For >2,000 To 5,000, Deduct	*-15.83*	
		For >5,000, Deduct	*-24.52*	
33 01 30 71-0128	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	258.76	
		For Up To 75, Add	*53.89*	
		For >75 To 150, Add	*25.88*	
		For >500 To 1,000, Deduct	*-6.03*	
		For >1,000 To 2,000, Deduct	*-11.85*	
		For >2,000 To 5,000, Deduct	*-18.10*	
		For >5,000, Deduct	*-28.02*	
33 01 30 71-0129	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	291.11	
		For Up To 75, Add	*60.63*	
		For >75 To 150, Add	*29.11*	
		For >500 To 1,000, Deduct	*-6.79*	
		For >1,000 To 2,000, Deduct	*-13.33*	
		For >2,000 To 5,000, Deduct	*-20.36*	
		For >5,000, Deduct	*-31.52*	
33 01 30 71-0130	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	323.45	
		For Up To 75, Add	*67.37*	
		For >75 To 150, Add	*32.35*	
		For >500 To 1,000, Deduct	*-7.54*	
		For >1,000 To 2,000, Deduct	*-14.81*	
		For >2,000 To 5,000, Deduct	*-22.62*	
		For >5,000, Deduct	*-35.02*	
33 01 30 71-0131	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	355.80	
		For Up To 75, Add	*74.11*	
		For >75 To 150, Add	*35.58*	
		For >500 To 1,000, Deduct	*-8.29*	
		For >1,000 To 2,000, Deduct	*-16.29*	
		For >2,000 To 5,000, Deduct	*-24.88*	
		For >5,000, Deduct	*-38.53*	
33 01 30 71-0132	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	388.13	
		For Up To 75, Add	*80.84*	
		For >75 To 150, Add	*38.81*	
		For >500 To 1,000, Deduct	*-9.05*	
		For >1,000 To 2,000, Deduct	*-17.77*	
		For >2,000 To 5,000, Deduct	*-27.14*	
		For >5,000, Deduct	*-42.03*	
33 01 30 71-0133	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	420.48	
		For Up To 75, Add	*87.58*	
		For >75 To 150, Add	*42.05*	
		For >500 To 1,000, Deduct	*-9.80*	
		For >1,000 To 2,000, Deduct	*-19.26*	
		For >2,000 To 5,000, Deduct	*-29.40*	
		For >5,000, Deduct	*-45.53*	
33 01 30 71-0134	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	452.83	
		For Up To 75, Add	*94.31*	
		For >75 To 150, Add	*45.28*	
		For >500 To 1,000, Deduct	*-10.56*	
		For >1,000 To 2,000, Deduct	*-20.74*	
		For >2,000 To 5,000, Deduct	*-31.67*	
		For >5,000, Deduct	*-49.03*	
33 01 30 71-0135	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	485.18	
		For Up To 75, Add	*101.05*	
		For >75 To 150, Add	*48.52*	
		For >500 To 1,000, Deduct	*-11.31*	
		For >1,000 To 2,000, Deduct	*-22.22*	
		For >2,000 To 5,000, Deduct	*-33.93*	
		For >5,000, Deduct	*-52.53*	
33 01 30 71-0136	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	517.52	
		For Up To 75, Add	*107.79*	
		For >75 To 150, Add	*51.75*	
		For >500 To 1,000, Deduct	*-12.06*	
		For >1,000 To 2,000, Deduct	*-23.70*	
		For >2,000 To 5,000, Deduct	*-36.19*	
		For >5,000, Deduct	*-56.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0137	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	549.87	
		For Up To 75, Add	*114.53*	
		For >75 To 150, Add	*54.99*	
		For >500 To 1,000, Deduct	*-12.82*	
		For >1,000 To 2,000, Deduct	*-25.18*	
		For >2,000 To 5,000, Deduct	*-38.45*	
		For >5,000, Deduct	*-59.54*	
33 01 30 71-0138	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	582.21	
		For Up To 75, Add	*121.26*	
		For >75 To 150, Add	*58.22*	
		For >500 To 1,000, Deduct	*-13.57*	
		For >1,000 To 2,000, Deduct	*-26.66*	
		For >2,000 To 5,000, Deduct	*-40.71*	
		For >5,000, Deduct	*-63.04*	
33 01 30 71-0139	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	614.56	
		For Up To 75, Add	*128.00*	
		For >75 To 150, Add	*61.46*	
		For >500 To 1,000, Deduct	*-14.33*	
		For >1,000 To 2,000, Deduct	*-28.14*	
		For >2,000 To 5,000, Deduct	*-42.98*	
		For >5,000, Deduct	*-66.54*	
33 01 30 71-0140	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	646.89	
		For Up To 75, Add	*134.73*	
		For >75 To 150, Add	*64.69*	
		For >500 To 1,000, Deduct	*-15.08*	
		For >1,000 To 2,000, Deduct	*-29.62*	
		For >2,000 To 5,000, Deduct	*-45.24*	
		For >5,000, Deduct	*-70.04*	
33 01 30 71-0141	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane	20.59	

33 01 30 71-0142 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane *(33 01 30 71-0037)*

Note: Two part structural polyurethane.

33 01 30 71-0143	LF	36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	238.12	
		For Up To 75, Add	*49.41*	
		For >75 To 150, Add	*23.81*	
		For >500 To 1,000, Deduct	*-5.48*	
		For >1,000 To 2,000, Deduct	*-10.77*	
		For >2,000 To 5,000, Deduct	*-16.43*	
		For >5,000, Deduct	*-25.60*	
33 01 30 71-0144	LF	42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	277.81	
		For Up To 75, Add	*57.64*	
		For >75 To 150, Add	*27.78*	
		For >500 To 1,000, Deduct	*-6.39*	
		For >1,000 To 2,000, Deduct	*-12.57*	
		For >2,000 To 5,000, Deduct	*-19.17*	
		For >5,000, Deduct	*-29.86*	
33 01 30 71-0145	LF	48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	317.49	
		For Up To 75, Add	*65.88*	
		For >75 To 150, Add	*31.75*	
		For >500 To 1,000, Deduct	*-7.30*	
		For >1,000 To 2,000, Deduct	*-14.36*	
		For >2,000 To 5,000, Deduct	*-21.90*	
		For >5,000, Deduct	*-34.13*	
33 01 30 71-0146	LF	54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	357.19	
		For Up To 75, Add	*74.12*	
		For >75 To 150, Add	*35.72*	
		For >500 To 1,000, Deduct	*-8.21*	
		For >1,000 To 2,000, Deduct	*-16.16*	
		For >2,000 To 5,000, Deduct	*-24.64*	
		For >5,000, Deduct	*-38.40*	
33 01 30 71-0147	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	396.88	
		For Up To 75, Add	*82.35*	
		For >75 To 150, Add	*39.69*	
		For >500 To 1,000, Deduct	*-9.13*	
		For >1,000 To 2,000, Deduct	*-17.96*	
		For >2,000 To 5,000, Deduct	*-27.38*	
		For >5,000, Deduct	*-42.66*	
33 01 30 71-0148	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	436.57	
		For Up To 75, Add	*90.59*	
		For >75 To 150, Add	*43.66*	
		For >500 To 1,000, Deduct	*-10.04*	
		For >1,000 To 2,000, Deduct	*-19.75*	
		For >2,000 To 5,000, Deduct	*-30.12*	
		For >5,000, Deduct	*-46.93*	
33 01 30 71-0149	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	476.25	
		For Up To 75, Add	*98.82*	
		For >75 To 150, Add	*47.63*	
		For >500 To 1,000, Deduct	*-10.95*	
		For >1,000 To 2,000, Deduct	*-21.55*	
		For >2,000 To 5,000, Deduct	*-32.86*	
		For >5,000, Deduct	*-51.19*	
33 01 30 71-0150	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	515.94	
		For Up To 75, Add	*107.05*	
		For >75 To 150, Add	*51.59*	
		For >500 To 1,000, Deduct	*-11.87*	
		For >1,000 To 2,000, Deduct	*-23.34*	
		For >2,000 To 5,000, Deduct	*-35.60*	
		For >5,000, Deduct	*-55.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0151	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	555.62	
		For Up To 75, Add	*115.29*	
		For >75 To 150, Add	*55.56*	
		For >500 To 1,000, Deduct	*-12.78*	
		For >1,000 To 2,000, Deduct	*-25.14*	
		For >2,000 To 5,000, Deduct	*-38.33*	
		For >5,000, Deduct	*-59.73*	
33 01 30 71-0152	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	595.31	
		For Up To 75, Add	*123.52*	
		For >75 To 150, Add	*59.53*	
		For >500 To 1,000, Deduct	*-13.69*	
		For >1,000 To 2,000, Deduct	*-26.94*	
		For >2,000 To 5,000, Deduct	*-41.07*	
		For >5,000, Deduct	*-63.99*	
33 01 30 71-0153	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	635.00	
		For Up To 75, Add	*131.76*	
		For >75 To 150, Add	*63.50*	
		For >500 To 1,000, Deduct	*-14.60*	
		For >1,000 To 2,000, Deduct	*-28.73*	
		For >2,000 To 5,000, Deduct	*-43.81*	
		For >5,000, Deduct	*-68.26*	
33 01 30 71-0154	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	674.69	
		For Up To 75, Add	*139.99*	
		For >75 To 150, Add	*67.47*	
		For >500 To 1,000, Deduct	*-15.52*	
		For >1,000 To 2,000, Deduct	*-30.53*	
		For >2,000 To 5,000, Deduct	*-46.55*	
		For >5,000, Deduct	*-72.53*	
33 01 30 71-0155	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	714.37	
		For Up To 75, Add	*148.23*	
		For >75 To 150, Add	*71.44*	
		For >500 To 1,000, Deduct	*-16.43*	
		For >1,000 To 2,000, Deduct	*-32.32*	
		For >2,000 To 5,000, Deduct	*-49.29*	
		For >5,000, Deduct	*-76.79*	
33 01 30 71-0156	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	754.06	
		For Up To 75, Add	*156.46*	
		For >75 To 150, Add	*75.41*	
		For >500 To 1,000, Deduct	*-17.34*	
		For >1,000 To 2,000, Deduct	*-34.12*	
		For >2,000 To 5,000, Deduct	*-52.02*	
		For >5,000, Deduct	*-81.06*	
33 01 30 71-0157	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	793.75	
		For Up To 75, Add	*164.70*	
		For >75 To 150, Add	*79.38*	
		For >500 To 1,000, Deduct	*-18.25*	
		For >1,000 To 2,000, Deduct	*-35.91*	
		For >2,000 To 5,000, Deduct	*-54.76*	
		For >5,000, Deduct	*-85.32*	
33 01 30 71-0158	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	25.26	

33 01 30 71-0159 Lining Pipe With Rib Loc *(33 01 30 71-0001)*

33 01 30 71-0160	LF	Lining 6" Pipe With Rib Loc	50.75	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-2.49*	
		For >2,000 To 5,000, Deduct	*-3.83*	
		For >5,000, Deduct	*-5.73*	
33 01 30 71-0161	LF	Lining 8" Pipe With Rib Loc	56.49	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000 To 2,000, Deduct	*-2.75*	
		For >2,000 To 5,000, Deduct	*-4.24*	
		For >5,000, Deduct	*-6.36*	
33 01 30 71-0162	LF	Lining 10" Pipe With Rib Loc	78.69	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000 To 2,000, Deduct	*-3.69*	
		For >2,000 To 5,000, Deduct	*-5.65*	
		For >5,000, Deduct	*-8.64*	
33 01 30 71-0163	LF	Lining 12" Pipe With Rib Loc	100.47	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000 To 2,000, Deduct	*-4.61*	
		For >2,000 To 5,000, Deduct	*-7.05*	
		For >5,000, Deduct	*-10.90*	
33 01 30 71-0164	LF	Lining 15" Pipe With Rib Loc	134.11	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000 To 2,000, Deduct	*-6.04*	
		For >2,000 To 5,000, Deduct	*-9.20*	
		For >5,000, Deduct	*-14.38*	
33 01 30 71-0165	LF	Lining 18" Pipe With Rib Loc	173.34	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000 To 2,000, Deduct	*-7.69*	
		For >2,000 To 5,000, Deduct	*-11.71*	
		For >5,000, Deduct	*-18.42*	
33 01 30 71-0166	LF	Lining 21" Pipe With Rib Loc	218.09	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000 To 2,000, Deduct	*-9.55*	
		For >2,000 To 5,000, Deduct	*-14.50*	
		For >5,000, Deduct	*-22.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0167	LF	Lining 24" Pipe With Rib Loc	270.25	
		For >500 To 1,000, Deduct	*-5.92*	
		For >1,000 To 2,000, Deduct	*-11.71*	
		For >2,000 To 5,000, Deduct	*-17.76*	
		For >5,000, Deduct	*-28.31*	
33 01 30 71-0168	LF	Lining 27" Pipe With Rib Loc	324.02	
		For >500 To 1,000, Deduct	*-7.05*	
		For >1,000 To 2,000, Deduct	*-13.95*	
		For >2,000 To 5,000, Deduct	*-21.14*	
		For >5,000, Deduct	*-33.82*	
33 01 30 71-0169	LF	Lining 30" Pipe With Rib Loc	384.67	
		For >500 To 1,000, Deduct	*-8.32*	
		For >1,000 To 2,000, Deduct	*-16.49*	
		For >2,000 To 5,000, Deduct	*-24.96*	
		For >5,000, Deduct	*-40.04*	
33 01 30 71-0170	LF	Lining 36" Pipe With Rib Loc	491.05	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000 To 2,000, Deduct	*-20.88*	
		For >2,000 To 5,000, Deduct	*-31.58*	
		For >5,000, Deduct	*-50.87*	
33 01 30 71-0171	LF	Lining 42" Pipe With Rib Loc	611.93	
		For >500 To 1,000, Deduct	*-13.05*	
		For >1,000 To 2,000, Deduct	*-25.89*	
		For >2,000 To 5,000, Deduct	*-39.14*	
		For >5,000, Deduct	*-63.21*	
33 01 30 71-0172	LF	Lining 48" Pipe With Rib Loc	749.28	
		For >500 To 1,000, Deduct	*-15.93*	
		For >1,000 To 2,000, Deduct	*-31.62*	
		For >2,000 To 5,000, Deduct	*-47.78*	
		For >5,000, Deduct	*-77.28*	
33 01 30 71-0173	LF	Lining 54" Pipe With Rib Loc	885.98	
		For >500 To 1,000, Deduct	*-18.85*	
		For >1,000 To 2,000, Deduct	*-37.42*	
		For >2,000 To 5,000, Deduct	*-56.55*	
		For >5,000, Deduct	*-91.43*	
33 01 30 71-0174	LF	Lining 60" Pipe With Rib Loc	1,044.79	
		For >500 To 1,000, Deduct	*-22.44*	
		For >1,000 To 2,000, Deduct	*-44.49*	
		For >2,000 To 5,000, Deduct	*-67.31*	
		For >5,000, Deduct	*-108.33*	
33 01 30 71-0175	LF	Lining 66" Pipe With Rib Loc	1,238.83	
		For >500 To 1,000, Deduct	*-27.20*	
		For >1,000 To 2,000, Deduct	*-53.79*	
		For >2,000 To 5,000, Deduct	*-81.60*	
		For >5,000, Deduct	*-129.94*	
33 01 30 71-0176	LF	Lining 72" Pipe With Rib Loc	1,492.24	
		For >500 To 1,000, Deduct	*-34.08*	
		For >1,000 To 2,000, Deduct	*-67.11*	
		For >2,000 To 5,000, Deduct	*-102.25*	
		For >5,000, Deduct	*-159.82*	

33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Set-Up And Reinsertion For Cured In-Place Pipe (CIPP) Lining *(33 01 30 72-0001)*

33 01 30 72-0003	EA	Initial Set-up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,695.99
33 01 30 72-0004	EA	Initial Set-up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,826.64
33 01 30 72-0005	EA	Initial Set-up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,239.97
33 01 30 72-0006	EA	Initial Set-up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,653.29
33 01 30 72-0007	EA	Move And Set-up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	847.99
33 01 30 72-0008	EA	Move And Set-up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,413.32
33 01 30 72-0009	EA	Move And Set-up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,766.65
33 01 30 72-0010	EA	Move And Set-up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,261.32
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation Note: Need to mix wet material in bag prior to installation.	1,413.32
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation Note: Need to mix wet material in bag prior to installation.	3,391.98
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation Note: Need to mix wet material in bag prior to installation.	5,653.29
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP) Trenchless Rehabiliation Note: Need to mix wet material in bag prior to installation.	8,479.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation *(33 01 30 72-0001)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	25.69	
		For Vinylester Resin, Add	*7.60*	
		For Epoxy Resin, Add	*0.90*	
		For Up To >10, Add	*49.95*	
		For >10 To 25, Add	*39.81*	
		For >25 To 50, Add	*24.43*	
		For >50 To 100, Add	*12.22*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000 To 2,000, Deduct	*-2.67*	
		For >2,000 To 5,000, Deduct	*-5.01*	
		For >5,000, Deduct	*-8.11*	
33 01 30 72-0018	LF	4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	31.64	
		For Vinylester Resin, Add	*11.76*	
		For Epoxy Resin, Add	*1.39*	
		For Up To >10, Add	*52.92*	
		For >10 To 25, Add	*41.30*	
		For >25 To 50, Add	*25.62*	
		For >50 To 100, Add	*12.81*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000 To 2,000, Deduct	*-3.12*	
		For >2,000 To 5,000, Deduct	*-5.73*	
		For >5,000, Deduct	*-9.30*	
33 01 30 72-0019	LF	4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	37.59	
		For Vinylester Resin, Add	*15.93*	
		For Epoxy Resin, Add	*1.88*	
		For Up To >10, Add	*55.90*	
		For >10 To 25, Add	*42.79*	
		For >25 To 50, Add	*26.81*	
		For >50 To 100, Add	*13.41*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000 To 2,000, Deduct	*-3.56*	
		For >2,000 To 5,000, Deduct	*-6.44*	
		For >5,000, Deduct	*-10.49*	
33 01 30 72-0020	LF	4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	50.92	
		For Vinylester Resin, Add	*24.26*	
		For Epoxy Resin, Add	*2.86*	
		For Up To >10, Add	*66.11*	
		For >10 To 25, Add	*49.32*	
		For >25 To 50, Add	*31.32*	
		For >50 To 100, Add	*15.66*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000 To 2,000, Deduct	*-4.63*	
		For >2,000 To 5,000, Deduct	*-8.22*	
		For >5,000, Deduct	*-13.44*	
33 01 30 72-0021	LF	4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	64.23	
		For Vinylester Resin, Add	*32.59*	
		For Epoxy Resin, Add	*3.84*	
		For Up To >10, Add	*76.29*	
		For >10 To 25, Add	*55.82*	
		For >25 To 50, Add	*35.82*	
		For >50 To 100, Add	*17.91*	
		For >500 To 1,000, Deduct	*-3.65*	
		For >1,000 To 2,000, Deduct	*-5.70*	
		For >2,000 To 5,000, Deduct	*-10.00*	
		For >5,000, Deduct	*-16.38*	

33 01 30 72-0022 6mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0023	LF	6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	36.77	
		For Vinylester Resin, Add	*15.35*	
		For Epoxy Resin, Add	*1.81*	
		For Up To >10, Add	*55.49*	
		For >10 To 25, Add	*42.58*	
		For >25 To 50, Add	*26.65*	
		For >50 To 100, Add	*13.32*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000 To 2,000, Deduct	*-3.50*	
		For >2,000 To 5,000, Deduct	*-6.34*	
		For >5,000, Deduct	*-10.32*	
33 01 30 72-0024	LF	6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	44.71	
		For Vinylester Resin, Add	*20.91*	
		For Epoxy Resin, Add	*2.46*	
		For Up To >10, Add	*59.46*	
		For >10 To 25, Add	*44.57*	
		For >25 To 50, Add	*28.23*	
		For >50 To 100, Add	*14.12*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000 To 2,000, Deduct	*-4.10*	
		For >2,000 To 5,000, Deduct	*-7.29*	
		For >5,000, Deduct	*-11.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0025	LF	6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	62.00	
		For Vinylester Resin, Add	*32.02*	
		For Epoxy Resin, Add	*3.77*	
		For Up To >10, Add	*71.65*	
		For >10 To 25, Add	*52.09*	
		For >25 To 50, Add	*33.54*	
		For >50 To 100, Add	*16.77*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000 To 2,000, Deduct	*-5.46*	
		For >2,000 To 5,000, Deduct	*-9.55*	
		For >5,000, Deduct	*-15.65*	
33 01 30 72-0026	LF	6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	79.28	
		For Vinylester Resin, Add	*43.13*	
		For Epoxy Resin, Add	*5.08*	
		For Up To >10, Add	*83.82*	
		For >10 To 25, Add	*59.58*	
		For >25 To 50, Add	*38.83*	
		For >50 To 100, Add	*19.41*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000 To 2,000, Deduct	*-6.83*	
		For >2,000 To 5,000, Deduct	*-11.81*	
		For >5,000, Deduct	*-19.39*	
33 01 30 72-0027	LF	6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	96.70	
		For Vinylester Resin, Add	*54.24*	
		For Epoxy Resin, Add	*6.39*	
		For Up To >10, Add	*96.40*	
		For >10 To 25, Add	*67.42*	
		For >25 To 50, Add	*44.33*	
		For >50 To 100, Add	*22.16*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000 To 2,000, Deduct	*-8.21*	
		For >2,000 To 5,000, Deduct	*-14.10*	
		For >5,000, Deduct	*-23.18*	
33 01 30 72-0028	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	114.55	
		For Vinylester Resin, Add	*65.35*	
		For Epoxy Resin, Add	*7.70*	
		For Up To >10, Add	*110.28*	
		For >10 To 25, Add	*76.34*	
		For >25 To 50, Add	*50.47*	
		For >50 To 100, Add	*25.24*	
		For >500 To 1,000, Deduct	*-6.26*	
		For >1,000 To 2,000, Deduct	*-9.65*	
		For >2,000 To 5,000, Deduct	*-16.50*	
		For >5,000, Deduct	*-27.15*	

33 01 30 72-0029 7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0030	LF	7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	51.59	
		For Vinylester Resin, Add	*25.73*	
		For Epoxy Resin, Add	*3.03*	
		For Up To >10, Add	*62.90*	
		For >10 To 25, Add	*46.29*	
		For >25 To 50, Add	*29.61*	
		For >50 To 100, Add	*14.81*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000 To 2,000, Deduct	*-4.61*	
		For >2,000 To 5,000, Deduct	*-8.12*	
		For >5,000, Deduct	*-13.29*	
33 01 30 72-0031	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	72.84	
		For Vinylester Resin, Add	*39.61*	
		For Epoxy Resin, Add	*4.67*	
		For Up To >10, Add	*77.07*	
		For >10 To 25, Add	*54.80*	
		For >25 To 50, Add	*35.71*	
		For >50 To 100, Add	*17.85*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000 To 2,000, Deduct	*-6.28*	
		For >2,000 To 5,000, Deduct	*-10.85*	
		For >5,000, Deduct	*-17.82*	
33 01 30 72-0032	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	94.10	
		For Vinylester Resin, Add	*53.50*	
		For Epoxy Resin, Add	*6.31*	
		For Up To >10, Add	*91.23*	
		For >10 To 25, Add	*63.28*	
		For >25 To 50, Add	*41.79*	
		For >50 To 100, Add	*20.90*	
		For >500 To 1,000, Deduct	*-5.15*	
		For >1,000 To 2,000, Deduct	*-7.94*	
		For >2,000 To 5,000, Deduct	*-13.59*	
		For >5,000, Deduct	*-22.35*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0033	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	115.48	
		For Vinylester Resin, Add	*67.38*	
		For Epoxy Resin, Add	*7.94*	
		For Up To >10, Add	*105.79*	
		For >10 To 25, Add	*72.12*	
		For >25 To 50, Add	*48.08*	
		For >50 To 100, Add	*24.04*	
		For >500 To 1,000, Deduct	*-6.25*	
		For >1,000 To 2,000, Deduct	*-9.62*	
		For >2,000 To 5,000, Deduct	*-16.36*	
		For >5,000, Deduct	*-26.94*	
33 01 30 72-0034	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	137.30	
		For Vinylester Resin, Add	*81.27*	
		For Epoxy Resin, Add	*9.58*	
		For Up To >10, Add	*121.65*	
		For >10 To 25, Add	*82.03*	
		For >25 To 50, Add	*55.02*	
		For >50 To 100, Add	*27.51*	
		For >500 To 1,000, Deduct	*-7.40*	
		For >1,000 To 2,000, Deduct	*-11.36*	
		For >2,000 To 5,000, Deduct	*-19.23*	
		For >5,000, Deduct	*-31.70*	
33 01 30 72-0035	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	169.89	
		For Vinylester Resin, Add	*102.10*	
		For Epoxy Resin, Add	*12.03*	
		For Up To >10, Add	*145.02*	
		For >10 To 25, Add	*96.54*	
		For >25 To 50, Add	*65.22*	
		For >50 To 100, Add	*32.61*	
		For >500 To 1,000, Deduct	*-9.10*	
		For >1,000 To 2,000, Deduct	*-13.94*	
		For >2,000 To 5,000, Deduct	*-23.51*	
		For >5,000, Deduct	*-38.78*	
33 01 30 72-0036	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	202.76	
		For Vinylester Resin, Add	*122.93*	
		For Epoxy Resin, Add	*14.49*	
		For Up To >10, Add	*169.23*	
		For >10 To 25, Add	*111.76*	
		For >25 To 50, Add	*75.83*	
		For >50 To 100, Add	*37.92*	
		For >500 To 1,000, Deduct	*-10.82*	
		For >1,000 To 2,000, Deduct	*-16.56*	
		For >2,000 To 5,000, Deduct	*-27.86*	
		For >5,000, Deduct	*-45.98*	

33 01 30 72-0037 9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0038	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	83.46	
		For Vinylester Resin, Add	*47.04*	
		For Epoxy Resin, Add	*5.54*	
		For Up To >10, Add	*82.38*	
		For >10 To 25, Add	*57.45*	
		For >25 To 50, Add	*37.83*	
		For >50 To 100, Add	*18.92*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000 To 2,000, Deduct	*-7.07*	
		For >2,000 To 5,000, Deduct	*-12.13*	
		For >5,000, Deduct	*-19.94*	
33 01 30 72-0039	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	108.68	
		For Vinylester Resin, Add	*63.71*	
		For Epoxy Resin, Add	*7.51*	
		For Up To >10, Add	*98.52*	
		For >10 To 25, Add	*66.93*	
		For >25 To 50, Add	*44.71*	
		For >50 To 100, Add	*22.35*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000 To 2,000, Deduct	*-9.03*	
		For >2,000 To 5,000, Deduct	*-15.34*	
		For >5,000, Deduct	*-25.27*	
33 01 30 72-0040	LF	9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	134.04	
		For Vinylester Resin, Add	*80.37*	
		For Epoxy Resin, Add	*9.47*	
		For Up To >10, Add	*115.07*	
		For >10 To 25, Add	*76.76*	
		For >25 To 50, Add	*51.79*	
		For >50 To 100, Add	*25.90*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000 To 2,000, Deduct	*-11.01*	
		For >2,000 To 5,000, Deduct	*-18.58*	
		For >5,000, Deduct	*-30.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0041	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	159.82	
		For Vinylester Resin, Add	*97.03*	
		For Epoxy Resin, Add	*11.44*	
		For Up To >10, Add	*132.91*	
		For >10 To 25, Add	*87.66*	
		For >25 To 50, Add	*59.52*	
		For >50 To 100, Add	*29.76*	
		For >500 To 1,000, Deduct	*-8.52*	
		For >1,000 To 2,000, Deduct	*-13.05*	
		For >2,000 To 5,000, Deduct	*-21.93*	
		For >5,000, Deduct	*-36.20*	
33 01 30 72-0042	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	198.36	
		For Vinylester Resin, Add	*122.03*	
		For Epoxy Resin, Add	*14.38*	
		For Up To >10, Add	*159.26*	
		For >10 To 25, Add	*103.66*	
		For >25 To 50, Add	*70.91*	
		For >50 To 100, Add	*35.46*	
		For >500 To 1,000, Deduct	*-10.52*	
		For >1,000 To 2,000, Deduct	*-16.08*	
		For >2,000 To 5,000, Deduct	*-26.93*	
		For >5,000, Deduct	*-44.48*	
33 01 30 72-0043	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	237.18	
		For Vinylester Resin, Add	*147.03*	
		For Epoxy Resin, Add	*17.33*	
		For Up To >10, Add	*186.44*	
		For >10 To 25, Add	*120.36*	
		For >25 To 50, Add	*82.72*	
		For >50 To 100, Add	*41.36*	
		For >500 To 1,000, Deduct	*-12.54*	
		For >1,000 To 2,000, Deduct	*-19.15*	
		For >2,000 To 5,000, Deduct	*-31.99*	
		For >5,000, Deduct	*-52.86*	
33 01 30 72-0044	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	275.14	
		For Vinylester Resin, Add	*172.02*	
		For Epoxy Resin, Add	*20.27*	
		For Up To >10, Add	*211.07*	
		For >10 To 25, Add	*134.94*	
		For >25 To 50, Add	*93.25*	
		For >50 To 100, Add	*46.62*	
		For >500 To 1,000, Deduct	*-14.49*	
		For >1,000 To 2,000, Deduct	*-22.11*	
		For >2,000 To 5,000, Deduct	*-36.84*	
		For >5,000, Deduct	*-60.91*	
33 01 30 72-0045	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	313.54	
		For Vinylester Resin, Add	*197.02*	
		For Epoxy Resin, Add	*23.22*	
		For Up To >10, Add	*236.97*	
		For >10 To 25, Add	*150.57*	
		For >25 To 50, Add	*104.41*	
		For >50 To 100, Add	*52.21*	
		For >500 To 1,000, Deduct	*-16.48*	
		For >1,000 To 2,000, Deduct	*-25.12*	
		For >2,000 To 5,000, Deduct	*-41.80*	
		For >5,000, Deduct	*-69.12*	

33 01 30 72-0046 10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0047	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	226.59	
		For Vinylester Resin, Add	*141.79*	
		For Epoxy Resin, Add	*16.71*	
		For Up To >10, Add	*173.37*	
		For >10 To 25, Add	*110.72*	
		For >25 To 50, Add	*76.56*	
		For >50 To 100, Add	*38.28*	
		For >500 To 1,000, Deduct	*-11.93*	
		For >1,000 To 2,000, Deduct	*-18.20*	
		For >2,000 To 5,000, Deduct	*-30.31*	
		For >5,000, Deduct	*-50.12*	
33 01 30 72-0048	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	271.36	
		For Vinylester Resin, Add	*170.95*	
		For Epoxy Resin, Add	*20.15*	
		For Up To >10, Add	*203.53*	
		For >10 To 25, Add	*128.91*	
		For >25 To 50, Add	*89.55*	
		For >50 To 100, Add	*44.78*	
		For >500 To 1,000, Deduct	*-14.25*	
		For >1,000 To 2,000, Deduct	*-21.71*	
		For >2,000 To 5,000, Deduct	*-36.09*	
		For >5,000, Deduct	*-59.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0049	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	315.29	
		For Vinylester Resin, Add	*200.12*	
		For Epoxy Resin, Add	*23.59*	
		For Up To >10, Add	*231.15*	
		For >10 To 25, Add	*144.97*	
		For >25 To 50, Add	*101.28*	
		For >50 To 100, Add	*50.64*	
		For >500 To 1,000, Deduct	*-16.50*	
		For >1,000 To 2,000, Deduct	*-25.12*	
		For >2,000 To 5,000, Deduct	*-41.66*	
		For >5,000, Deduct	*-68.94*	
33 01 30 72-0050	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	359.62	
		For Vinylester Resin, Add	*229.28*	
		For Epoxy Resin, Add	*27.02*	
		For Up To >10, Add	*260.01*	
		For >10 To 25, Add	*162.09*	
		For >25 To 50, Add	*113.63*	
		For >50 To 100, Add	*56.81*	
		For >500 To 1,000, Deduct	*-18.78*	
		For >1,000 To 2,000, Deduct	*-28.58*	
		For >2,000 To 5,000, Deduct	*-47.32*	
		For >5,000, Deduct	*-78.34*	
33 01 30 72-0051	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	404.54	
		For Vinylester Resin, Add	*258.44*	
		For Epoxy Resin, Add	*30.46*	
		For Up To >10, Add	*290.62*	
		For >10 To 25, Add	*180.65*	
		For >25 To 50, Add	*126.85*	
		For >50 To 100, Add	*63.43*	
		For >500 To 1,000, Deduct	*-21.11*	
		For >1,000 To 2,000, Deduct	*-32.11*	
		For >2,000 To 5,000, Deduct	*-53.14*	
		For >5,000, Deduct	*-87.98*	
33 01 30 72-0052	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	450.16	
		For Vinylester Resin, Add	*287.61*	
		For Epoxy Resin, Add	*33.90*	
		For Up To >10, Add	*323.31*	
		For >10 To 25, Add	*200.94*	
		For >25 To 50, Add	*141.11*	
		For >50 To 100, Add	*70.55*	
		For >500 To 1,000, Deduct	*-23.49*	
		For >1,000 To 2,000, Deduct	*-35.73*	
		For >2,000 To 5,000, Deduct	*-59.13*	
		For >5,000, Deduct	*-97.89*	
33 01 30 72-0053	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	538.42	
		For Vinylester Resin, Add	*345.93*	
		For Epoxy Resin, Add	*40.77*	
		For Up To >10, Add	*379.79*	
		For >10 To 25, Add	*234.12*	
		For >25 To 50, Add	*165.18*	
		For >50 To 100, Add	*82.59*	
		For >500 To 1,000, Deduct	*-28.03*	
		For >1,000 To 2,000, Deduct	*-42.59*	
		For >2,000 To 5,000, Deduct	*-70.36*	
		For >5,000, Deduct	*-116.53*	

33 01 30 72-0054 12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0055	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	254.59	
		For Vinylester Resin, Add	*161.39*	
		For Epoxy Resin, Add	*19.02*	
		For Up To >10, Add	*187.37*	
		For >10 To 25, Add	*117.72*	
		For >25 To 50, Add	*82.16*	
		For >50 To 100, Add	*41.08*	
		For >500 To 1,000, Deduct	*-13.33*	
		For >1,000 To 2,000, Deduct	*-20.30*	
		For >2,000 To 5,000, Deduct	*-33.67*	
		For >5,000, Deduct	*-55.72*	
33 01 30 72-0056	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	305.32	
		For Vinylester Resin, Add	*194.73*	
		For Epoxy Resin, Add	*22.95*	
		For Up To >10, Add	*220.51*	
		For >10 To 25, Add	*137.40*	
		For >25 To 50, Add	*96.35*	
		For >50 To 100, Add	*48.17*	
		For >500 To 1,000, Deduct	*-15.94*	
		For >1,000 To 2,000, Deduct	*-24.26*	
		For >2,000 To 5,000, Deduct	*-40.17*	
		For >5,000, Deduct	*-66.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0057	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	355.19	
		For Vinylester Resin, Add	*228.05*	
		For Epoxy Resin, Add	*26.88*	
		For Up To >10, Add	*251.10*	
		For >10 To 25, Add	*154.95*	
		For >25 To 50, Add	*109.26*	
		For >50 To 100, Add	*54.63*	
		For >500 To 1,000, Deduct	*-18.49*	
		For >1,000 To 2,000, Deduct	*-28.11*	
		For >2,000 To 5,000, Deduct	*-46.44*	
		For >5,000, Deduct	*-76.92*	
33 01 30 72-0058	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	405.48	
		For Vinylester Resin, Add	*261.38*	
		For Epoxy Resin, Add	*30.81*	
		For Up To >10, Add	*282.94*	
		For >10 To 25, Add	*173.55*	
		For >25 To 50, Add	*122.80*	
		For >50 To 100, Add	*61.40*	
		For >500 To 1,000, Deduct	*-21.08*	
		For >1,000 To 2,000, Deduct	*-32.02*	
		For >2,000 To 5,000, Deduct	*-52.83*	
		For >5,000, Deduct	*-87.51*	
33 01 30 72-0059	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	456.35	
		For Vinylester Resin, Add	*294.71*	
		For Epoxy Resin, Add	*34.73*	
		For Up To >10, Add	*316.53*	
		For >10 To 25, Add	*193.60*	
		For >25 To 50, Add	*137.21*	
		For >50 To 100, Add	*68.61*	
		For >500 To 1,000, Deduct	*-23.70*	
		For >1,000 To 2,000, Deduct	*-35.99*	
		For >2,000 To 5,000, Deduct	*-59.36*	
		For >5,000, Deduct	*-98.34*	
33 01 30 72-0060	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	507.91	
		For Vinylester Resin, Add	*328.03*	
		For Epoxy Resin, Add	*38.66*	
		For Up To >10, Add	*352.18*	
		For >10 To 25, Add	*215.38*	
		For >25 To 50, Add	*152.66*	
		For >50 To 100, Add	*76.33*	
		For >500 To 1,000, Deduct	*-26.38*	
		For >1,000 To 2,000, Deduct	*-40.06*	
		For >2,000 To 5,000, Deduct	*-66.06*	
		For >5,000, Deduct	*-109.44*	
33 01 30 72-0061	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	608.08	
		For Vinylester Resin, Add	*394.70*	
		For Epoxy Resin, Add	*46.52*	
		For Up To >10, Add	*414.62*	
		For >10 To 25, Add	*251.54*	
		For >25 To 50, Add	*179.12*	
		For >50 To 100, Add	*89.56*	
		For >500 To 1,000, Deduct	*-31.51*	
		For >1,000 To 2,000, Deduct	*-47.82*	
		For >2,000 To 5,000, Deduct	*-78.72*	
		For >5,000, Deduct	*-130.46*	
33 01 30 72-0062	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	709.53	
		For Vinylester Resin, Add	*461.35*	
		For Epoxy Resin, Add	*54.37*	
		For Up To >10, Add	*480.92*	
		For >10 To 25, Add	*290.92*	
		For >25 To 50, Add	*207.50*	
		For >50 To 100, Add	*103.75*	
		For >500 To 1,000, Deduct	*-36.74*	
		For >1,000 To 2,000, Deduct	*-55.74*	
		For >2,000 To 5,000, Deduct	*-91.70*	
		For >5,000, Deduct	*-152.00*	
33 01 30 72-0063	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	813.22	
		For Vinylester Resin, Add	*528.00*	
		For Epoxy Resin, Add	*62.23*	
		For Up To >10, Add	*553.94*	
		For >10 To 25, Add	*335.90*	
		For >25 To 50, Add	*239.25*	
		For >50 To 100, Add	*119.63*	
		For >500 To 1,000, Deduct	*-42.13*	
		For >1,000 To 2,000, Deduct	*-63.94*	
		For >2,000 To 5,000, Deduct	*-105.25*	
		For >5,000, Deduct	*-174.43*	

33 01 30 72-0064 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0065	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	282.36	
		For Vinylester Resin, Add	*180.83*	
		For Epoxy Resin, Add	*21.31*	
		For Up To >10, Add	*201.26*	
		For >10 To 25, Add	*124.66*	
		For >25 To 50, Add	*87.71*	
		For >50 To 100, Add	*43.86*	
		For >500 To 1,000, Deduct	*-14.72*	
		For >1,000 To 2,000, Deduct	*-22.38*	
		For >2,000 To 5,000, Deduct	*-37.01*	
		For >5,000, Deduct	*-61.28*	
33 01 30 72-0066	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	339.04	
		For Vinylester Resin, Add	*218.33*	
		For Epoxy Resin, Add	*25.73*	
		For Up To >10, Add	*237.37*	
		For >10 To 25, Add	*145.83*	
		For >25 To 50, Add	*103.09*	
		For >50 To 100, Add	*51.55*	
		For >500 To 1,000, Deduct	*-17.63*	
		For >1,000 To 2,000, Deduct	*-26.79*	
		For >2,000 To 5,000, Deduct	*-44.21*	
		For >5,000, Deduct	*-73.24*	
33 01 30 72-0067	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	394.86	
		For Vinylester Resin, Add	*255.82*	
		For Epoxy Resin, Add	*30.15*	
		For Up To >10, Add	*270.93*	
		For >10 To 25, Add	*164.87*	
		For >25 To 50, Add	*117.19*	
		For >50 To 100, Add	*58.60*	
		For >500 To 1,000, Deduct	*-20.48*	
		For >1,000 To 2,000, Deduct	*-31.08*	
		For >2,000 To 5,000, Deduct	*-51.21*	
		For >5,000, Deduct	*-84.85*	
33 01 30 72-0068	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	451.10	
		For Vinylester Resin, Add	*293.31*	
		For Epoxy Resin, Add	*34.57*	
		For Up To >10, Add	*305.75*	
		For >10 To 25, Add	*184.96*	
		For >25 To 50, Add	*131.92*	
		For >50 To 100, Add	*65.96*	
		For >500 To 1,000, Deduct	*-23.36*	
		For >1,000 To 2,000, Deduct	*-35.44*	
		For >2,000 To 5,000, Deduct	*-58.30*	
		For >5,000, Deduct	*-96.64*	
33 01 30 72-0069	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	507.93	
		For Vinylester Resin, Add	*330.81*	
		For Epoxy Resin, Add	*38.99*	
		For Up To >10, Add	*342.32*	
		For >10 To 25, Add	*206.50*	
		For >25 To 50, Add	*147.53*	
		For >50 To 100, Add	*73.76*	
		For >500 To 1,000, Deduct	*-26.28*	
		For >1,000 To 2,000, Deduct	*-39.86*	
		For >2,000 To 5,000, Deduct	*-65.55*	
		For >5,000, Deduct	*-108.65*	
33 01 30 72-0070	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	565.44	
		For Vinylester Resin, Add	*368.31*	
		For Epoxy Resin, Add	*43.41*	
		For Up To >10, Add	*380.95*	
		For >10 To 25, Add	*229.76*	
		For >25 To 50, Add	*164.17*	
		For >50 To 100, Add	*82.08*	
		For >500 To 1,000, Deduct	*-29.25*	
		For >1,000 To 2,000, Deduct	*-44.37*	
		For >2,000 To 5,000, Deduct	*-72.96*	
		For >5,000, Deduct	*-120.95*	
33 01 30 72-0071	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	677.51	
		For Vinylester Resin, Add	*443.30*	
		For Epoxy Resin, Add	*52.25*	
		For Up To >10, Add	*449.33*	
		For >10 To 25, Add	*268.90*	
		For >25 To 50, Add	*193.00*	
		For >50 To 100, Add	*96.50*	
		For >500 To 1,000, Deduct	*-34.98*	
		For >1,000 To 2,000, Deduct	*-53.02*	
		For >2,000 To 5,000, Deduct	*-87.05*	
		For >5,000, Deduct	*-144.35*	
33 01 30 72-0072	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	790.86	
		For Vinylester Resin, Add	*518.28*	
		For Epoxy Resin, Add	*61.08*	
		For Up To >10, Add	*521.58*	
		For >10 To 25, Add	*311.25*	
		For >25 To 50, Add	*223.77*	
		For >50 To 100, Add	*111.89*	
		For >500 To 1,000, Deduct	*-40.80*	
		For >1,000 To 2,000, Deduct	*-61.84*	
		For >2,000 To 5,000, Deduct	*-101.46*	
		For >5,000, Deduct	*-168.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0073	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	906.46	
		For Vinylester Resin, Add	*593.27*	
		For Epoxy Resin, Add	*69.92*	
		For Up To >10, Add	*600.56*	
		For >10 To 25, Add	*359.21*	
		For >25 To 50, Add	*257.90*	
		For >50 To 100, Add	*128.95*	
		For >500 To 1,000, Deduct	*-46.80*	
		For >1,000 To 2,000, Deduct	*-70.93*	
		For >2,000 To 5,000, Deduct	*-116.44*	
		For >5,000, Deduct	*-193.08*	

33 01 30 72-0074 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0075	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	309.89	
		For Vinylester Resin, Add	*200.10*	
		For Epoxy Resin, Add	*23.58*	
		For Up To >10, Add	*215.02*	
		For >10 To 25, Add	*131.54*	
		For >25 To 50, Add	*93.22*	
		For >50 To 100, Add	*46.61*	
		For >500 To 1,000, Deduct	*-16.10*	
		For >1,000 To 2,000, Deduct	*-24.44*	
		For >2,000 To 5,000, Deduct	*-40.31*	
		For >5,000, Deduct	*-66.78*	
33 01 30 72-0076	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	372.52	
		For Vinylester Resin, Add	*241.77*	
		For Epoxy Resin, Add	*28.49*	
		For Up To >10, Add	*254.11*	
		For >10 To 25, Add	*154.20*	
		For >25 To 50, Add	*109.79*	
		For >50 To 100, Add	*54.89*	
		For >500 To 1,000, Deduct	*-19.30*	
		For >1,000 To 2,000, Deduct	*-29.30*	
		For >2,000 To 5,000, Deduct	*-48.23*	
		For >5,000, Deduct	*-79.93*	
33 01 30 72-0077	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	434.29	
		For Vinylester Resin, Add	*283.42*	
		For Epoxy Resin, Add	*33.40*	
		For Up To >10, Add	*290.65*	
		For >10 To 25, Add	*174.72*	
		For >25 To 50, Add	*125.08*	
		For >50 To 100, Add	*62.54*	
		For >500 To 1,000, Deduct	*-22.45*	
		For >1,000 To 2,000, Deduct	*-34.04*	
		For >2,000 To 5,000, Deduct	*-55.94*	
		For >5,000, Deduct	*-92.74*	
33 01 30 72-0078	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	496.49	
		For Vinylester Resin, Add	*325.09*	
		For Epoxy Resin, Add	*38.31*	
		For Up To >10, Add	*328.45*	
		For >10 To 25, Add	*196.30*	
		For >25 To 50, Add	*141.00*	
		For >50 To 100, Add	*70.50*	
		For >500 To 1,000, Deduct	*-25.63*	
		For >1,000 To 2,000, Deduct	*-38.84*	
		For >2,000 To 5,000, Deduct	*-63.75*	
		For >5,000, Deduct	*-105.71*	
33 01 30 72-0079	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	559.26	
		For Vinylester Resin, Add	*366.74*	
		For Epoxy Resin, Add	*43.22*	
		For Up To >10, Add	*367.98*	
		For >10 To 25, Add	*219.33*	
		For >25 To 50, Add	*157.79*	
		For >50 To 100, Add	*78.90*	
		For >500 To 1,000, Deduct	*-28.85*	
		For >1,000 To 2,000, Deduct	*-43.71*	
		For >2,000 To 5,000, Deduct	*-71.71*	
		For >5,000, Deduct	*-118.92*	
33 01 30 72-0080	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	622.73	
		For Vinylester Resin, Add	*408.41*	
		For Epoxy Resin, Add	*48.13*	
		For Up To >10, Add	*409.59*	
		For >10 To 25, Add	*244.09*	
		For >25 To 50, Add	*175.62*	
		For >50 To 100, Add	*87.81*	
		For >500 To 1,000, Deduct	*-32.12*	
		For >1,000 To 2,000, Deduct	*-48.67*	
		For >2,000 To 5,000, Deduct	*-79.84*	
		For >5,000, Deduct	*-132.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0081	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	746.70	
		For Vinylester Resin, Add	*491.73*	
		For Epoxy Resin, Add	*57.95*	
		For Up To >10, Add	*483.93*	
		For >10 To 25, Add	*286.19*	
		For >25 To 50, Add	*206.84*	
		For >50 To 100, Add	*103.42*	
		For >500 To 1,000, Deduct	*-38.44*	
		For >1,000 To 2,000, Deduct	*-58.21*	
		For >2,000 To 5,000, Deduct	*-95.35*	
		For >5,000, Deduct	*-158.19*	
33 01 30 72-0082	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	871.96	
		For Vinylester Resin, Add	*575.05*	
		For Epoxy Resin, Add	*67.77*	
		For Up To >10, Add	*562.13*	
		For >10 To 25, Add	*331.53*	
		For >25 To 50, Add	*239.99*	
		For >50 To 100, Add	*120.00*	
		For >500 To 1,000, Deduct	*-44.86*	
		For >1,000 To 2,000, Deduct	*-67.92*	
		For >2,000 To 5,000, Deduct	*-111.20*	
		For >5,000, Deduct	*-184.48*	
33 01 30 72-0083	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	999.46	
		For Vinylester Resin, Add	*658.37*	
		For Epoxy Resin, Add	*77.59*	
		For Up To >10, Add	*647.06*	
		For >10 To 25, Add	*382.46*	
		For >25 To 50, Add	*276.50*	
		For >50 To 100, Add	*138.25*	
		For >500 To 1,000, Deduct	*-51.45*	
		For >1,000 To 2,000, Deduct	*-77.91*	
		For >2,000 To 5,000, Deduct	*-127.60*	
		For >5,000, Deduct	*-211.68*	

33 01 30 72-0084 16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0085	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	405.76	
		For Vinylester Resin, Add	*265.03*	
		For Epoxy Resin, Add	*31.24*	
		For Up To >10, Add	*270.73*	
		For >10 To 25, Add	*162.51*	
		For >25 To 50, Add	*116.43*	
		For >50 To 100, Add	*58.22*	
		For >500 To 1,000, Deduct	*-20.97*	
		For >1,000 To 2,000, Deduct	*-31.79*	
		For >2,000 To 5,000, Deduct	*-52.22*	
		For >5,000, Deduct	*-86.58*	
33 01 30 72-0086	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	473.49	
		For Vinylester Resin, Add	*310.86*	
		For Epoxy Resin, Add	*36.64*	
		For Up To >10, Add	*310.25*	
		For >10 To 25, Add	*184.52*	
		For >25 To 50, Add	*132.92*	
		For >50 To 100, Add	*66.46*	
		For >500 To 1,000, Deduct	*-24.41*	
		For >1,000 To 2,000, Deduct	*-36.98*	
		For >2,000 To 5,000, Deduct	*-60.64*	
		For >5,000, Deduct	*-100.58*	
33 01 30 72-0087	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	541.64	
		For Vinylester Resin, Add	*356.69*	
		For Epoxy Resin, Add	*42.04*	
		For Up To >10, Add	*351.02*	
		For >10 To 25, Add	*207.59*	
		For >25 To 50, Add	*150.03*	
		For >50 To 100, Add	*75.02*	
		For >500 To 1,000, Deduct	*-27.88*	
		For >1,000 To 2,000, Deduct	*-42.23*	
		For >2,000 To 5,000, Deduct	*-69.17*	
		For >5,000, Deduct	*-114.74*	
33 01 30 72-0088	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	610.37	
		For Vinylester Resin, Add	*402.52*	
		For Epoxy Resin, Add	*47.44*	
		For Up To >10, Add	*393.54*	
		For >10 To 25, Add	*232.11*	
		For >25 To 50, Add	*168.02*	
		For >50 To 100, Add	*84.01*	
		For >500 To 1,000, Deduct	*-31.40*	
		For >1,000 To 2,000, Deduct	*-47.54*	
		For >2,000 To 5,000, Deduct	*-77.84*	
		For >5,000, Deduct	*-129.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0089	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	679.78	
		For Vinylester Resin, Add	*448.34*	
		For Epoxy Resin, Add	*52.84*	
		For Up To >10, Add	*438.12*	
		For >10 To 25, Add	*258.35*	
		For >25 To 50, Add	*187.03*	
		For >50 To 100, Add	*93.52*	
		For >500 To 1,000, Deduct	*-34.97*	
		For >1,000 To 2,000, Deduct	*-52.95*	
		For >2,000 To 5,000, Deduct	*-86.68*	
		For >5,000, Deduct	*-143.81*	
33 01 30 72-0090	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	815.66	
		For Vinylester Resin, Add	*540.00*	
		For Epoxy Resin, Add	*63.64*	
		For Up To >10, Add	*518.41*	
		For >10 To 25, Add	*303.43*	
		For >25 To 50, Add	*220.63*	
		For >50 To 100, Add	*110.32*	
		For >500 To 1,000, Deduct	*-41.89*	
		For >1,000 To 2,000, Deduct	*-63.39*	
		For >2,000 To 5,000, Deduct	*-103.63*	
		For >5,000, Deduct	*-171.98*	
33 01 30 72-0091	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	952.82	
		For Vinylester Resin, Add	*631.65*	
		For Epoxy Resin, Add	*74.44*	
		For Up To >10, Add	*602.56*	
		For >10 To 25, Add	*351.74*	
		For >25 To 50, Add	*256.16*	
		For >50 To 100, Add	*128.08*	
		For >500 To 1,000, Deduct	*-48.90*	
		For >1,000 To 2,000, Deduct	*-73.98*	
		For >2,000 To 5,000, Deduct	*-120.90*	
		For >5,000, Deduct	*-200.66*	
33 01 30 72-0092	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,092.22	
		For Vinylester Resin, Add	*723.30*	
		For Epoxy Resin, Add	*85.25*	
		For Up To >10, Add	*693.44*	
		For >10 To 25, Add	*405.65*	
		For >25 To 50, Add	*295.05*	
		For >50 To 100, Add	*147.53*	
		For >500 To 1,000, Deduct	*-56.08*	
		For >1,000 To 2,000, Deduct	*-84.86*	
		For >2,000 To 5,000, Deduct	*-138.73*	
		For >5,000, Deduct	*-230.23*	
33 01 30 72-0093	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,230.66	
		For Vinylester Resin, Add	*814.96*	
		For Epoxy Resin, Add	*96.05*	
		For Up To >10, Add	*781.41*	
		For >10 To 25, Add	*457.13*	
		For >25 To 50, Add	*332.49*	
		For >50 To 100, Add	*166.25*	
		For >500 To 1,000, Deduct	*-63.19*	
		For >1,000 To 2,000, Deduct	*-95.62*	
		For >2,000 To 5,000, Deduct	*-156.32*	
		For >5,000, Deduct	*-259.42*	

33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0095	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	439.48	
		For Vinylester Resin, Add	*288.15*	
		For Epoxy Resin, Add	*33.96*	
		For Up To >10, Add	*289.34*	
		For >10 To 25, Add	*172.51*	
		For >25 To 50, Add	*124.09*	
		For >50 To 100, Add	*62.04*	
		For >500 To 1,000, Deduct	*-22.67*	
		For >1,000 To 2,000, Deduct	*-34.35*	
		For >2,000 To 5,000, Deduct	*-56.36*	
		For >5,000, Deduct	*-93.46*	
33 01 30 72-0096	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	513.31	
		For Vinylester Resin, Add	*338.14*	
		For Epoxy Resin, Add	*39.85*	
		For Up To >10, Add	*332.28*	
		For >10 To 25, Add	*196.39*	
		For >25 To 50, Add	*141.99*	
		For >50 To 100, Add	*70.99*	
		For >500 To 1,000, Deduct	*-26.42*	
		For >1,000 To 2,000, Deduct	*-40.01*	
		For >2,000 To 5,000, Deduct	*-65.53*	
		For >5,000, Deduct	*-108.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0097	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	587.41	
		For Vinylester Resin, Add	*388.14*	
		For Epoxy Resin, Add	*45.74*	
		For Up To >10, Add	*376.03*	
		For >10 To 25, Add	*220.95*	
		For >25 To 50, Add	*160.29*	
		For >50 To 100, Add	*80.15*	
		For >500 To 1,000, Deduct	*-30.19*	
		For >1,000 To 2,000, Deduct	*-45.70*	
		For >2,000 To 5,000, Deduct	*-74.77*	
		For >5,000, Deduct	*-124.07*	
33 01 30 72-0098	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	662.22	
		For Vinylester Resin, Add	*438.13*	
		For Epoxy Resin, Add	*51.64*	
		For Up To >10, Add	*421.91*	
		For >10 To 25, Add	*247.28*	
		For >25 To 50, Add	*179.66*	
		For >50 To 100, Add	*89.83*	
		For >500 To 1,000, Deduct	*-34.02*	
		For >1,000 To 2,000, Deduct	*-51.48*	
		For >2,000 To 5,000, Deduct	*-84.19*	
		For >5,000, Deduct	*-139.71*	
33 01 30 72-0099	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	737.59	
		For Vinylester Resin, Add	*488.12*	
		For Epoxy Resin, Add	*57.53*	
		For Up To >10, Add	*469.50*	
		For >10 To 25, Add	*275.03*	
		For >25 To 50, Add	*199.88*	
		For >50 To 100, Add	*99.94*	
		For >500 To 1,000, Deduct	*-37.89*	
		For >1,000 To 2,000, Deduct	*-57.33*	
		For >2,000 To 5,000, Deduct	*-93.75*	
		For >5,000, Deduct	*-155.57*	
33 01 30 72-0100	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	886.50	
		For Vinylester Resin, Add	*588.11*	
		For Epoxy Resin, Add	*69.31*	
		For Up To >10, Add	*559.13*	
		For >10 To 25, Add	*325.91*	
		For >25 To 50, Add	*237.56*	
		For >50 To 100, Add	*118.78*	
		For >500 To 1,000, Deduct	*-45.48*	
		For >1,000 To 2,000, Deduct	*-68.81*	
		For >2,000 To 5,000, Deduct	*-112.41*	
		For >5,000, Deduct	*-186.57*	
33 01 30 72-0101	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,035.99	
		For Vinylester Resin, Add	*688.09*	
		For Epoxy Resin, Add	*81.10*	
		For Up To >10, Add	*650.50*	
		For >10 To 25, Add	*378.25*	
		For >25 To 50, Add	*276.10*	
		For >50 To 100, Add	*138.05*	
		For >500 To 1,000, Deduct	*-53.12*	
		For >1,000 To 2,000, Deduct	*-80.35*	
		For >2,000 To 5,000, Deduct	*-131.21*	
		For >5,000, Deduct	*-217.80*	
33 01 30 72-0102	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,187.72	
		For Vinylester Resin, Add	*788.07*	
		For Epoxy Resin, Add	*92.88*	
		For Up To >10, Add	*748.61*	
		For >10 To 25, Add	*436.21*	
		For >25 To 50, Add	*318.01*	
		For >50 To 100, Add	*159.01*	
		For >500 To 1,000, Deduct	*-60.93*	
		For >1,000 To 2,000, Deduct	*-92.17*	
		For >2,000 To 5,000, Deduct	*-150.57*	
		For >5,000, Deduct	*-249.92*	
33 01 30 72-0103	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,338.47	
		For Vinylester Resin, Add	*888.06*	
		For Epoxy Resin, Add	*104.66*	
		For Up To >10, Add	*843.76*	
		For >10 To 25, Add	*491.69*	
		For >25 To 50, Add	*358.45*	
		For >50 To 100, Add	*179.22*	
		For >500 To 1,000, Deduct	*-68.67*	
		For >1,000 To 2,000, Deduct	*-103.88*	
		For >2,000 To 5,000, Deduct	*-169.69*	
		For >5,000, Deduct	*-281.66*	
33 01 30 72-0104	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,489.09	
		For Vinylester Resin, Add	*988.05*	
		For Epoxy Resin, Add	*116.45*	
		For Up To >10, Add	*938.52*	
		For >10 To 25, Add	*546.85*	
		For >25 To 50, Add	*398.69*	
		For >50 To 100, Add	*199.34*	
		For >500 To 1,000, Deduct	*-76.39*	
		For >1,000 To 2,000, Deduct	*-115.56*	
		For >2,000 To 5,000, Deduct	*-188.78*	
		For >5,000, Deduct	*-313.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0105	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,640.27	
		For Vinylester Resin, Add	*1,088.04*	
		For Epoxy Resin, Add	*128.23*	
		For Up To >10, Add	*1,034.96*	
		For >10 To 25, Add	*603.41*	
		For >25 To 50, Add	*439.76*	
		For >50 To 100, Add	*219.88*	
		For >500 To 1,000, Deduct	*-84.16*	
		For >1,000 To 2,000, Deduct	*-127.32*	
		For >2,000 To 5,000, Deduct	*-208.00*	
		For >5,000, Deduct	*-345.24*	
33 01 30 72-0106	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,791.01	
		For Vinylester Resin, Add	*1,188.02*	
		For Epoxy Resin, Add	*140.02*	
		For Up To >10, Add	*1,130.11*	
		For >10 To 25, Add	*658.89*	
		For >25 To 50, Add	*480.19*	
		For >50 To 100, Add	*240.10*	
		For >500 To 1,000, Deduct	*-91.90*	
		For >1,000 To 2,000, Deduct	*-139.02*	
		For >2,000 To 5,000, Deduct	*-227.12*	
		For >5,000, Deduct	*-376.97*	

33 01 30 72-0107 19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0108	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	473.39	
		For Vinylester Resin, Add	*311.09*	
		For Epoxy Resin, Add	*36.66*	
		For Up To >10, Add	*309.12*	
		For >10 To 25, Add	*183.53*	
		For >25 To 50, Add	*132.34*	
		For >50 To 100, Add	*66.17*	
		For >500 To 1,000, Deduct	*-24.39*	
		For >1,000 To 2,000, Deduct	*-36.95*	
		For >2,000 To 5,000, Deduct	*-60.57*	
		For >5,000, Deduct	*-100.47*	
33 01 30 72-0109	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	553.17	
		For Vinylester Resin, Add	*365.25*	
		For Epoxy Resin, Add	*43.05*	
		For Up To >10, Add	*355.04*	
		For >10 To 25, Add	*208.90*	
		For >25 To 50, Add	*151.43*	
		For >50 To 100, Add	*75.71*	
		For >500 To 1,000, Deduct	*-28.44*	
		For >1,000 To 2,000, Deduct	*-43.06*	
		For >2,000 To 5,000, Deduct	*-70.46*	
		For >5,000, Deduct	*-116.91*	
33 01 30 72-0110	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	633.36	
		For Vinylester Resin, Add	*419.41*	
		For Epoxy Resin, Add	*49.43*	
		For Up To >10, Add	*402.18*	
		For >10 To 25, Add	*235.29*	
		For >25 To 50, Add	*171.13*	
		For >50 To 100, Add	*85.57*	
		For >500 To 1,000, Deduct	*-32.52*	
		For >1,000 To 2,000, Deduct	*-49.21*	
		For >2,000 To 5,000, Deduct	*-80.45*	
		For >5,000, Deduct	*-133.51*	
33 01 30 72-0111	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	713.84	
		For Vinylester Resin, Add	*473.57*	
		For Epoxy Resin, Add	*55.81*	
		For Up To >10, Add	*450.20*	
		For >10 To 25, Add	*262.41*	
		For >25 To 50, Add	*191.27*	
		For >50 To 100, Add	*95.64*	
		For >500 To 1,000, Deduct	*-36.62*	
		For >1,000 To 2,000, Deduct	*-55.40*	
		For >2,000 To 5,000, Deduct	*-90.51*	
		For >5,000, Deduct	*-150.23*	
33 01 30 72-0112	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	795.45	
		For Vinylester Resin, Add	*527.73*	
		For Epoxy Resin, Add	*62.20*	
		For Up To >10, Add	*501.60*	
		For >10 To 25, Add	*292.35*	
		For >25 To 50, Add	*213.11*	
		For >50 To 100, Add	*106.55*	
		For >500 To 1,000, Deduct	*-40.81*	
		For >1,000 To 2,000, Deduct	*-61.74*	
		For >2,000 To 5,000, Deduct	*-100.86*	
		For >5,000, Deduct	*-167.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0113	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	957.54	
		For Vinylester Resin, Add	*636.05*	
		For Epoxy Resin, Add	*74.96*	
		For Up To >10, Add	*601.02*	
		For >10 To 25, Add	*349.41*	
		For >25 To 50, Add	*255.08*	
		For >50 To 100, Add	*127.54*	
		For >500 To 1,000, Deduct	*-49.10*	
		For >1,000 To 2,000, Deduct	*-74.26*	
		For >2,000 To 5,000, Deduct	*-121.26*	
		For >5,000, Deduct	*-201.29*	
33 01 30 72-0114	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,120.05	
		For Vinylester Resin, Add	*744.37*	
		For Epoxy Resin, Add	*87.73*	
		For Up To >10, Add	*701.70*	
		For >10 To 25, Add	*407.52*	
		For >25 To 50, Add	*297.68*	
		For >50 To 100, Add	*148.84*	
		For >500 To 1,000, Deduct	*-57.42*	
		For >1,000 To 2,000, Deduct	*-86.84*	
		For >2,000 To 5,000, Deduct	*-141.77*	
		For >5,000, Deduct	*-235.34*	
33 01 30 72-0115	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,283.55	
		For Vinylester Resin, Add	*852.68*	
		For Epoxy Resin, Add	*100.49*	
		For Up To >10, Add	*805.35*	
		For >10 To 25, Add	*468.11*	
		For >25 To 50, Add	*341.77*	
		For >50 To 100, Add	*170.88*	
		For >500 To 1,000, Deduct	*-65.81*	
		For >1,000 To 2,000, Deduct	*-99.54*	
		For >2,000 To 5,000, Deduct	*-162.53*	
		For >5,000, Deduct	*-269.80*	
33 01 30 72-0116	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,446.64	
		For Vinylester Resin, Add	*961.00*	
		For Epoxy Resin, Add	*113.26*	
		For Up To >10, Add	*907.77*	
		For >10 To 25, Add	*527.67*	
		For >25 To 50, Add	*385.24*	
		For >50 To 100, Add	*192.62*	
		For >500 To 1,000, Deduct	*-74.18*	
		For >1,000 To 2,000, Deduct	*-112.19*	
		For >2,000 To 5,000, Deduct	*-183.19*	
		For >5,000, Deduct	*-304.08*	
33 01 30 72-0117	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,609.71	
		For Vinylester Resin, Add	*1,069.32*	
		For Epoxy Resin, Add	*126.03*	
		For Up To >10, Add	*1,010.13*	
		For >10 To 25, Add	*587.18*	
		For >25 To 50, Add	*428.69*	
		For >50 To 100, Add	*214.34*	
		For >500 To 1,000, Deduct	*-82.54*	
		For >1,000 To 2,000, Deduct	*-124.83*	
		For >2,000 To 5,000, Deduct	*-203.84*	
		For >5,000, Deduct	*-338.36*	
33 01 30 72-0118	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,774.49	
		For Vinylester Resin, Add	*1,177.64*	
		For Epoxy Resin, Add	*138.79*	
		For Up To >10, Add	*1,117.62*	
		For >10 To 25, Add	*650.96*	
		For >25 To 50, Add	*474.69*	
		For >50 To 100, Add	*237.35*	
		For >500 To 1,000, Deduct	*-91.03*	
		For >1,000 To 2,000, Deduct	*-137.69*	
		For >2,000 To 5,000, Deduct	*-224.92*	
		For >5,000, Deduct	*-373.33*	
33 01 30 72-0119	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,937.70	
		For Vinylester Resin, Add	*1,285.95*	
		For Epoxy Resin, Add	*151.56*	
		For Up To >10, Add	*1,220.43*	
		For >10 To 25, Add	*710.84*	
		For >25 To 50, Add	*518.36*	
		For >50 To 100, Add	*259.18*	
		For >500 To 1,000, Deduct	*-99.40*	
		For >1,000 To 2,000, Deduct	*-150.36*	
		For >2,000 To 5,000, Deduct	*-245.61*	
		For >5,000, Deduct	*-407.67*	

33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0121	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	506.92	
		For Vinylester Resin, Add	*333.87*	
		For Epoxy Resin, Add	*39.35*	
		For Up To >10, Add	*328.36*	
		For >10 To 25, Add	*194.14*	
		For >25 To 50, Add	*140.33*	
		For >50 To 100, Add	*70.17*	
		For >500 To 1,000, Deduct	*-26.10*	
		For >1,000 To 2,000, Deduct	*-39.52*	
		For >2,000 To 5,000, Deduct	*-64.73*	
		For >5,000, Deduct	*-107.38*	
33 01 30 72-0122	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	592.79	
		For Vinylester Resin, Add	*392.20*	
		For Epoxy Resin, Add	*46.22*	
		For Up To >10, Add	*377.65*	
		For >10 To 25, Add	*221.32*	
		For >25 To 50, Add	*160.81*	
		For >50 To 100, Add	*80.40*	
		For >500 To 1,000, Deduct	*-30.45*	
		For >1,000 To 2,000, Deduct	*-46.08*	
		For >2,000 To 5,000, Deduct	*-75.36*	
		For >5,000, Deduct	*-125.06*	
33 01 30 72-0123	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	679.08	
		For Vinylester Resin, Add	*450.53*	
		For Epoxy Resin, Add	*53.10*	
		For Up To >10, Add	*428.22*	
		For >10 To 25, Add	*249.58*	
		For >25 To 50, Add	*181.93*	
		For >50 To 100, Add	*90.96*	
		For >500 To 1,000, Deduct	*-34.84*	
		For >1,000 To 2,000, Deduct	*-52.70*	
		For >2,000 To 5,000, Deduct	*-86.10*	
		For >5,000, Deduct	*-142.91*	
33 01 30 72-0124	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	765.24	
		For Vinylester Resin, Add	*508.85*	
		For Epoxy Resin, Add	*59.97*	
		For Up To >10, Add	*478.40*	
		For >10 To 25, Add	*277.51*	
		For >25 To 50, Add	*202.85*	
		For >50 To 100, Add	*101.43*	
		For >500 To 1,000, Deduct	*-39.22*	
		For >1,000 To 2,000, Deduct	*-59.31*	
		For >2,000 To 5,000, Deduct	*-96.81*	
		For >5,000, Deduct	*-160.71*	
33 01 30 72-0125	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	852.94	
		For Vinylester Resin, Add	*567.18*	
		For Epoxy Resin, Add	*66.85*	
		For Up To >10, Add	*533.20*	
		For >10 To 25, Add	*309.29*	
		For >25 To 50, Add	*226.09*	
		For >50 To 100, Add	*113.04*	
		For >500 To 1,000, Deduct	*-43.71*	
		For >1,000 To 2,000, Deduct	*-66.11*	
		For >2,000 To 5,000, Deduct	*-107.90*	
		For >5,000, Deduct	*-179.13*	
33 01 30 72-0126	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,028.35	
		For Vinylester Resin, Add	*683.83*	
		For Epoxy Resin, Add	*80.59*	
		For Up To >10, Add	*642.80*	
		For >10 To 25, Add	*372.85*	
		For >25 To 50, Add	*272.56*	
		For >50 To 100, Add	*136.28*	
		For >500 To 1,000, Deduct	*-52.70*	
		For >1,000 To 2,000, Deduct	*-79.70*	
		For >2,000 To 5,000, Deduct	*-130.09*	
		For >5,000, Deduct	*-215.96*	
33 01 30 72-0127	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,203.74	
		For Vinylester Resin, Add	*800.48*	
		For Epoxy Resin, Add	*94.34*	
		For Up To >10, Add	*752.37*	
		For >10 To 25, Add	*436.39*	
		For >25 To 50, Add	*319.01*	
		For >50 To 100, Add	*159.50*	
		For >500 To 1,000, Deduct	*-61.69*	
		For >1,000 To 2,000, Deduct	*-93.29*	
		For >2,000 To 5,000, Deduct	*-152.27*	
		For >5,000, Deduct	*-252.79*	
33 01 30 72-0128	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,379.15	
		For Vinylester Resin, Add	*917.13*	
		For Epoxy Resin, Add	*108.09*	
		For Up To >10, Add	*862.00*	
		For >10 To 25, Add	*499.97*	
		For >25 To 50, Add	*365.49*	
		For >50 To 100, Add	*182.75*	
		For >500 To 1,000, Deduct	*-70.68*	
		For >1,000 To 2,000, Deduct	*-106.88*	
		For >2,000 To 5,000, Deduct	*-174.46*	
		For >5,000, Deduct	*-289.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0129	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,554.55	
		For Vinylester Resin, Add	*1,033.77*	
		For Epoxy Resin, Add	*121.84*	
		For Up To >10, Add	*971.60*	
		For >10 To 25, Add	*563.53*	
		For >25 To 50, Add	*411.96*	
		For >50 To 100, Add	*205.98*	
		For >500 To 1,000, Deduct	*-79.67*	
		For >1,000 To 2,000, Deduct	*-120.48*	
		For >2,000 To 5,000, Deduct	*-196.65*	
		For >5,000, Deduct	*-326.46*	
33 01 30 72-0130	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,729.95	
		For Vinylester Resin, Add	*1,150.42*	
		For Epoxy Resin, Add	*135.59*	
		For Up To >10, Add	*1,081.20*	
		For >10 To 25, Add	*627.09*	
		For >25 To 50, Add	*458.43*	
		For >50 To 100, Add	*229.21*	
		For >500 To 1,000, Deduct	*-88.66*	
		For >1,000 To 2,000, Deduct	*-134.07*	
		For >2,000 To 5,000, Deduct	*-218.84*	
		For >5,000, Deduct	*-363.29*	
33 01 30 72-0131	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,908.48	
		For Vinylester Resin, Add	*1,267.08*	
		For Epoxy Resin, Add	*149.33*	
		For Up To >10, Add	*1,200.17*	
		For >10 To 25, Add	*698.45*	
		For >25 To 50, Add	*509.58*	
		For >50 To 100, Add	*254.79*	
		For >500 To 1,000, Deduct	*-97.88*	
		For >1,000 To 2,000, Deduct	*-148.05*	
		For >2,000 To 5,000, Deduct	*-241.81*	
		For >5,000, Deduct	*-401.37*	
33 01 30 72-0132	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,084.17	
		For Vinylester Resin, Add	*1,383.73*	
		For Epoxy Resin, Add	*163.08*	
		For Up To >10, Add	*1,310.61*	
		For >10 To 25, Add	*762.72*	
		For >25 To 50, Add	*556.47*	
		For >50 To 100, Add	*278.23*	
		For >500 To 1,000, Deduct	*-106.89*	
		For >1,000 To 2,000, Deduct	*-161.68*	
		For >2,000 To 5,000, Deduct	*-264.06*	
		For >5,000, Deduct	*-438.32*	

33 01 30 72-0133 22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0134	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	540.09	
		For Vinylester Resin, Add	*356.50*	
		For Epoxy Resin, Add	*42.02*	
		For Up To >10, Add	*347.07*	
		For >10 To 25, Add	*204.35*	
		For >25 To 50, Add	*148.07*	
		For >50 To 100, Add	*74.04*	
		For >500 To 1,000, Deduct	*-27.77*	
		For >1,000 To 2,000, Deduct	*-42.05*	
		For >2,000 To 5,000, Deduct	*-68.82*	
		For >5,000, Deduct	*-114.18*	
33 01 30 72-0135	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	631.90	
		For Vinylester Resin, Add	*418.99*	
		For Epoxy Resin, Add	*49.38*	
		For Up To >10, Add	*399.33*	
		For >10 To 25, Add	*233.01*	
		For >25 To 50, Add	*169.74*	
		For >50 To 100, Add	*84.87*	
		For >500 To 1,000, Deduct	*-32.43*	
		For >1,000 To 2,000, Deduct	*-49.06*	
		For >2,000 To 5,000, Deduct	*-80.16*	
		For >5,000, Deduct	*-133.05*	
33 01 30 72-0136	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	724.58	
		For Vinylester Resin, Add	*481.48*	
		For Epoxy Resin, Add	*56.75*	
		For Up To >10, Add	*454.17*	
		For >10 To 25, Add	*263.83*	
		For >25 To 50, Add	*192.69*	
		For >50 To 100, Add	*96.35*	
		For >500 To 1,000, Deduct	*-37.15*	
		For >1,000 To 2,000, Deduct	*-56.18*	
		For >2,000 To 5,000, Deduct	*-91.73*	
		For >5,000, Deduct	*-152.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0137	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	817.66	
		For Vinylester Resin, Add	*543.97*	
		For Epoxy Resin, Add	*64.11*	
		For Up To >10, Add	*510.23*	
		For >10 To 25, Add	*295.68*	
		For >25 To 50, Add	*216.26*	
		For >50 To 100, Add	*108.13*	
		For >500 To 1,000, Deduct	*-41.90*	
		For >1,000 To 2,000, Deduct	*-63.35*	
		For >2,000 To 5,000, Deduct	*-103.39*	
		For >5,000, Deduct	*-171.64*	
33 01 30 72-0138	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	911.60	
		For Vinylester Resin, Add	*606.46*	
		For Epoxy Resin, Add	*71.48*	
		For Up To >10, Add	*568.88*	
		For >10 To 25, Add	*329.67*	
		For >25 To 50, Add	*241.12*	
		For >50 To 100, Add	*120.56*	
		For >500 To 1,000, Deduct	*-46.71*	
		For >1,000 To 2,000, Deduct	*-70.63*	
		For >2,000 To 5,000, Deduct	*-115.27*	
		For >5,000, Deduct	*-191.37*	
33 01 30 72-0139	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,099.46	
		For Vinylester Resin, Add	*731.44*	
		For Epoxy Resin, Add	*86.21*	
		For Up To >10, Add	*686.11*	
		For >10 To 25, Add	*397.60*	
		For >25 To 50, Add	*290.81*	
		For >50 To 100, Add	*145.40*	
		For >500 To 1,000, Deduct	*-56.34*	
		For >1,000 To 2,000, Deduct	*-85.19*	
		For >2,000 To 5,000, Deduct	*-139.03*	
		For >5,000, Deduct	*-230.80*	
33 01 30 72-0140	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,287.34	
		For Vinylester Resin, Add	*856.42*	
		For Epoxy Resin, Add	*100.94*	
		For Up To >10, Add	*803.37*	
		For >10 To 25, Add	*465.57*	
		For >25 To 50, Add	*340.51*	
		For >50 To 100, Add	*170.26*	
		For >500 To 1,000, Deduct	*-65.96*	
		For >1,000 To 2,000, Deduct	*-99.74*	
		For >2,000 To 5,000, Deduct	*-162.79*	
		For >5,000, Deduct	*-270.24*	
33 01 30 72-0141	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,475.22	
		For Vinylester Resin, Add	*981.41*	
		For Epoxy Resin, Add	*115.67*	
		For Up To >10, Add	*920.64*	
		For >10 To 25, Add	*533.53*	
		For >25 To 50, Add	*390.22*	
		For >50 To 100, Add	*195.11*	
		For >500 To 1,000, Deduct	*-75.59*	
		For >1,000 To 2,000, Deduct	*-114.30*	
		For >2,000 To 5,000, Deduct	*-186.54*	
		For >5,000, Deduct	*-309.69*	
33 01 30 72-0142	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,663.09	
		For Vinylester Resin, Add	*1,106.39*	
		For Epoxy Resin, Add	*130.40*	
		For Up To >10, Add	*1,037.90*	
		For >10 To 25, Add	*601.49*	
		For >25 To 50, Add	*439.92*	
		For >50 To 100, Add	*219.96*	
		For >500 To 1,000, Deduct	*-85.22*	
		For >1,000 To 2,000, Deduct	*-128.86*	
		For >2,000 To 5,000, Deduct	*-210.30*	
		For >5,000, Deduct	*-349.13*	
33 01 30 72-0143	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,850.96	
		For Vinylester Resin, Add	*1,231.37*	
		For Epoxy Resin, Add	*145.13*	
		For Up To >10, Add	*1,155.13*	
		For >10 To 25, Add	*669.43*	
		For >25 To 50, Add	*489.61*	
		For >50 To 100, Add	*244.81*	
		For >500 To 1,000, Deduct	*-94.84*	
		For >1,000 To 2,000, Deduct	*-143.42*	
		For >2,000 To 5,000, Deduct	*-234.06*	
		For >5,000, Deduct	*-388.56*	
33 01 30 72-0144	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,042.10	
		For Vinylester Resin, Add	*1,356.36*	
		For Epoxy Resin, Add	*159.86*	
		For Up To >10, Add	*1,282.18*	
		For >10 To 25, Add	*745.54*	
		For >25 To 50, Add	*544.21*	
		For >50 To 100, Add	*272.10*	
		For >500 To 1,000, Deduct	*-104.72*	
		For >1,000 To 2,000, Deduct	*-158.38*	
		For >2,000 To 5,000, Deduct	*-258.63*	
		For >5,000, Deduct	*-429.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0145	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,230.25	
		For Vinylester Resin, Add	*1,481.33*	
		For Epoxy Resin, Add	*174.59*	
		For Up To >10, Add	*1,400.28*	
		For >10 To 25, Add	*814.20*	
		For >25 To 50, Add	*594.33*	
		For >50 To 100, Add	*297.16*	
		For >500 To 1,000, Deduct	*-114.36*	
		For >1,000 To 2,000, Deduct	*-172.97*	
		For >2,000 To 5,000, Deduct	*-282.46*	
		For >5,000, Deduct	*-468.86*	

33 01 30 72-0146 24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0147	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	572.87	
		For Vinylester Resin, Add	*378.95*	
		For Epoxy Resin, Add	*44.66*	
		For Up To >10, Add	*365.24*	
		For >10 To 25, Add	*214.14*	
		For >25 To 50, Add	*155.55*	
		For >50 To 100, Add	*77.78*	
		For >500 To 1,000, Deduct	*-29.43*	
		For >1,000 To 2,000, Deduct	*-44.54*	
		For >2,000 To 5,000, Deduct	*-72.84*	
		For >5,000, Deduct	*-120.88*	
33 01 30 72-0148	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	670.64	
		For Vinylester Resin, Add	*445.61*	
		For Epoxy Resin, Add	*52.52*	
		For Up To >10, Add	*420.47*	
		For >10 To 25, Add	*244.30*	
		For >25 To 50, Add	*178.41*	
		For >50 To 100, Add	*89.20*	
		For >500 To 1,000, Deduct	*-34.38*	
		For >1,000 To 2,000, Deduct	*-52.00*	
		For >2,000 To 5,000, Deduct	*-84.90*	
		For >5,000, Deduct	*-140.94*	
33 01 30 72-0149	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	769.68	
		For Vinylester Resin, Add	*512.26*	
		For Epoxy Resin, Add	*60.37*	
		For Up To >10, Add	*479.54*	
		For >10 To 25, Add	*277.65*	
		For >25 To 50, Add	*203.18*	
		For >50 To 100, Add	*101.59*	
		For >500 To 1,000, Deduct	*-39.43*	
		For >1,000 To 2,000, Deduct	*-59.62*	
		For >2,000 To 5,000, Deduct	*-97.29*	
		For >5,000, Deduct	*-161.51*	
33 01 30 72-0150	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	869.84	
		For Vinylester Resin, Add	*578.91*	
		For Epoxy Resin, Add	*68.23*	
		For Up To >10, Add	*541.97*	
		For >10 To 25, Add	*313.81*	
		For >25 To 50, Add	*229.63*	
		For >50 To 100, Add	*114.82*	
		For >500 To 1,000, Deduct	*-44.56*	
		For >1,000 To 2,000, Deduct	*-67.38*	
		For >2,000 To 5,000, Deduct	*-109.95*	
		For >5,000, Deduct	*-182.53*	
33 01 30 72-0151	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	970.02	
		For Vinylester Resin, Add	*645.58*	
		For Epoxy Resin, Add	*76.09*	
		For Up To >10, Add	*604.44*	
		For >10 To 25, Add	*349.99*	
		For >25 To 50, Add	*256.11*	
		For >50 To 100, Add	*128.05*	
		For >500 To 1,000, Deduct	*-49.70*	
		For >1,000 To 2,000, Deduct	*-75.14*	
		For >2,000 To 5,000, Deduct	*-122.61*	
		For >5,000, Deduct	*-203.56*	
33 01 30 72-0152	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,170.37	
		For Vinylester Resin, Add	*778.90*	
		For Epoxy Resin, Add	*91.80*	
		For Up To >10, Add	*729.34*	
		For >10 To 25, Add	*422.33*	
		For >25 To 50, Add	*309.03*	
		For >50 To 100, Add	*154.52*	
		For >500 To 1,000, Deduct	*-59.96*	
		For >1,000 To 2,000, Deduct	*-90.66*	
		For >2,000 To 5,000, Deduct	*-147.94*	
		For >5,000, Deduct	*-245.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0153	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,417.60	
		For Vinylester Resin, Add	*945.13*	
		For Epoxy Resin, Add	*111.39*	
		For Up To >10, Add	*877.35*	
		For >10 To 25, Add	*506.10*	
		For >25 To 50, Add	*371.17*	
		For >50 To 100, Add	*185.58*	
		For >500 To 1,000, Deduct	*-72.57*	
		For >1,000 To 2,000, Deduct	*-109.69*	
		For >2,000 To 5,000, Deduct	*-178.88*	
		For >5,000, Deduct	*-297.00*	
33 01 30 72-0154	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,570.91	
		For Vinylester Resin, Add	*1,045.52*	
		For Epoxy Resin, Add	*123.22*	
		For Up To >10, Add	*978.73*	
		For >10 To 25, Add	*566.68*	
		For >25 To 50, Add	*414.69*	
		For >50 To 100, Add	*207.34*	
		For >500 To 1,000, Deduct	*-80.48*	
		For >1,000 To 2,000, Deduct	*-121.68*	
		For >2,000 To 5,000, Deduct	*-198.56*	
		For >5,000, Deduct	*-329.64*	
33 01 30 72-0155	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,771.26	
		For Vinylester Resin, Add	*1,178.84*	
		For Epoxy Resin, Add	*138.93*	
		For Up To >10, Add	*1,103.66*	
		For >10 To 25, Add	*639.04*	
		For >25 To 50, Add	*467.63*	
		For >50 To 100, Add	*233.81*	
		For >500 To 1,000, Deduct	*-90.74*	
		For >1,000 To 2,000, Deduct	*-137.21*	
		For >2,000 To 5,000, Deduct	*-223.89*	
		For >5,000, Deduct	*-371.69*	
33 01 30 72-0156	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,971.59	
		For Vinylester Resin, Add	*1,312.14*	
		For Epoxy Resin, Add	*154.65*	
		For Up To >10, Add	*1,228.55*	
		For >10 To 25, Add	*711.37*	
		For >25 To 50, Add	*520.55*	
		For >50 To 100, Add	*260.27*	
		For >500 To 1,000, Deduct	*-101.01*	
		For >1,000 To 2,000, Deduct	*-152.72*	
		For >2,000 To 5,000, Deduct	*-249.21*	
		For >5,000, Deduct	*-413.74*	
33 01 30 72-0157	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,175.33	
		For Vinylester Resin, Add	*1,445.47*	
		For Epoxy Resin, Add	*170.36*	
		For Up To >10, Add	*1,363.62*	
		For >10 To 25, Add	*792.19*	
		For >25 To 50, Add	*578.56*	
		For >50 To 100, Add	*289.28*	
		For >500 To 1,000, Deduct	*-111.53*	
		For >1,000 To 2,000, Deduct	*-168.67*	
		For >2,000 To 5,000, Deduct	*-275.39*	
		For >5,000, Deduct	*-457.14*	
33 01 30 72-0158	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,375.96	
		For Vinylester Resin, Add	*1,578.78*	
		For Epoxy Resin, Add	*186.07*	
		For Up To >10, Add	*1,489.38*	
		For >10 To 25, Add	*865.25*	
		For >25 To 50, Add	*631.92*	
		For >50 To 100, Add	*315.96*	
		For >500 To 1,000, Deduct	*-121.81*	
		For >1,000 To 2,000, Deduct	*-184.23*	
		For >2,000 To 5,000, Deduct	*-300.79*	
		For >5,000, Deduct	*-499.30*	
33 01 30 72-0159	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,576.58	
		For Vinylester Resin, Add	*1,712.10*	
		For Epoxy Resin, Add	*201.78*	
		For Up To >10, Add	*1,615.12*	
		For >10 To 25, Add	*938.29*	
		For >25 To 50, Add	*685.27*	
		For >50 To 100, Add	*342.63*	
		For >500 To 1,000, Deduct	*-132.10*	
		For >1,000 To 2,000, Deduct	*-199.78*	
		For >2,000 To 5,000, Deduct	*-326.18*	
		For >5,000, Deduct	*-541.46*	
33 01 30 72-0160	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,777.21	
		For Vinylester Resin, Add	*1,845.41*	
		For Epoxy Resin, Add	*217.49*	
		For Up To >10, Add	*1,740.88*	
		For >10 To 25, Add	*1,011.35*	
		For >25 To 50, Add	*738.63*	
		For >50 To 100, Add	*369.31*	
		For >500 To 1,000, Deduct	*-142.38*	
		For >1,000 To 2,000, Deduct	*-215.34*	
		For >2,000 To 5,000, Deduct	*-351.58*	
		For >5,000, Deduct	*-583.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0161		25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0162	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	709.56	
		For Vinylester Resin, Add	*472.06*	
		For Epoxy Resin, Add	*55.64*	
		For Up To >10, Add	*442.76*	
		For >10 To 25, Add	*256.57*	
		For >25 To 50, Add	*187.66*	
		For >50 To 100, Add	*93.83*	
		For >500 To 1,000, Deduct	*-36.36*	
		For >1,000 To 2,000, Deduct	*-54.98*	
		For >2,000 To 5,000, Deduct	*-89.72*	
		For >5,000, Deduct	*-148.95*	
33 01 30 72-0163	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	815.40	
		For Vinylester Resin, Add	*542.89*	
		For Epoxy Resin, Add	*63.98*	
		For Up To >10, Add	*507.33*	
		For >10 To 25, Add	*293.51*	
		For >25 To 50, Add	*214.89*	
		For >50 To 100, Add	*107.44*	
		For >500 To 1,000, Deduct	*-41.77*	
		For >1,000 To 2,000, Deduct	*-63.15*	
		For >2,000 To 5,000, Deduct	*-103.03*	
		For >5,000, Deduct	*-171.05*	
33 01 30 72-0164	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	921.81	
		For Vinylester Resin, Add	*613.71*	
		For Epoxy Resin, Add	*72.33*	
		For Up To >10, Add	*573.61*	
		For >10 To 25, Add	*331.88*	
		For >25 To 50, Add	*242.97*	
		For >50 To 100, Add	*121.48*	
		For >500 To 1,000, Deduct	*-47.22*	
		For >1,000 To 2,000, Deduct	*-71.39*	
		For >2,000 To 5,000, Deduct	*-116.48*	
		For >5,000, Deduct	*-193.38*	
33 01 30 72-0165	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,028.07	
		For Vinylester Resin, Add	*684.53*	
		For Epoxy Resin, Add	*80.68*	
		For Up To >10, Add	*639.46*	
		For >10 To 25, Add	*369.90*	
		For >25 To 50, Add	*270.84*	
		For >50 To 100, Add	*135.42*	
		For >500 To 1,000, Deduct	*-52.66*	
		For >1,000 To 2,000, Deduct	*-79.61*	
		For >2,000 To 5,000, Deduct	*-129.89*	
		For >5,000, Deduct	*-215.65*	
33 01 30 72-0166	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,240.88	
		For Vinylester Resin, Add	*826.18*	
		For Epoxy Resin, Add	*97.37*	
		For Up To >10, Add	*772.02*	
		For >10 To 25, Add	*446.64*	
		For >25 To 50, Add	*327.00*	
		For >50 To 100, Add	*163.50*	
		For >500 To 1,000, Deduct	*-63.56*	
		For >1,000 To 2,000, Deduct	*-96.10*	
		For >2,000 To 5,000, Deduct	*-156.79*	
		For >5,000, Deduct	*-260.30*	
33 01 30 72-0167	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,453.56	
		For Vinylester Resin, Add	*967.83*	
		For Epoxy Resin, Add	*114.07*	
		For Up To >10, Add	*904.16*	
		For >10 To 25, Add	*523.03*	
		For >25 To 50, Add	*382.95*	
		For >50 To 100, Add	*191.47*	
		For >500 To 1,000, Deduct	*-74.45*	
		For >1,000 To 2,000, Deduct	*-112.56*	
		For >2,000 To 5,000, Deduct	*-183.65*	
		For >5,000, Deduct	*-304.90*	
33 01 30 72-0168	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,666.36	
		For Vinylester Resin, Add	*1,109.47*	
		For Epoxy Resin, Add	*130.76*	
		For Up To >10, Add	*1,036.68*	
		For >10 To 25, Add	*599.74*	
		For >25 To 50, Add	*439.09*	
		For >50 To 100, Add	*219.55*	
		For >500 To 1,000, Deduct	*-85.35*	
		For >1,000 To 2,000, Deduct	*-129.05*	
		For >2,000 To 5,000, Deduct	*-210.55*	
		For >5,000, Deduct	*-349.55*	
33 01 30 72-0169	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,879.03	
		For Vinylester Resin, Add	*1,251.12*	
		For Epoxy Resin, Add	*147.45*	
		For Up To >10, Add	*1,168.82*	
		For >10 To 25, Add	*676.13*	
		For >25 To 50, Add	*495.04*	
		For >50 To 100, Add	*247.52*	
		For >500 To 1,000, Deduct	*-96.24*	
		For >1,000 To 2,000, Deduct	*-145.51*	
		For >2,000 To 5,000, Deduct	*-237.41*	
		For >5,000, Deduct	*-394.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0170	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,091.85	
		For Vinylester Resin, Add	*1,392.77*	
		For Epoxy Resin, Add	*164.15*	
		For Up To >10, Add	*1,301.38*	
		For >10 To 25, Add	*752.87*	
		For >25 To 50, Add	*551.20*	
		For >50 To 100, Add	*275.60*	
		For >500 To 1,000, Deduct	*-107.15*	
		For >1,000 To 2,000, Deduct	*-162.00*	
		For >2,000 To 5,000, Deduct	*-264.31*	
		For >5,000, Deduct	*-438.81*	
33 01 30 72-0171	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,309.18	
		For Vinylester Resin, Add	*1,534.41*	
		For Epoxy Resin, Add	*180.84*	
		For Up To >10, Add	*1,447.49*	
		For >10 To 25, Add	*840.91*	
		For >25 To 50, Add	*614.14*	
		For >50 To 100, Add	*307.07*	
		For >500 To 1,000, Deduct	*-118.39*	
		For >1,000 To 2,000, Deduct	*-179.05*	
		For >2,000 To 5,000, Deduct	*-292.33*	
		For >5,000, Deduct	*-485.27*	
33 01 30 72-0172	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,522.42	
		For Vinylester Resin, Add	*1,676.06*	
		For Epoxy Resin, Add	*197.54*	
		For Up To >10, Add	*1,581.34*	
		For >10 To 25, Add	*918.72*	
		For >25 To 50, Add	*670.95*	
		For >50 To 100, Add	*335.47*	
		For >500 To 1,000, Deduct	*-129.32*	
		For >1,000 To 2,000, Deduct	*-195.58*	
		For >2,000 To 5,000, Deduct	*-319.34*	
		For >5,000, Deduct	*-530.09*	
33 01 30 72-0173	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,735.51	
		For Vinylester Resin, Add	*1,817.70*	
		For Epoxy Resin, Add	*214.23*	
		For Up To >10, Add	*1,714.73*	
		For >10 To 25, Add	*996.16*	
		For >25 To 50, Add	*727.53*	
		For >50 To 100, Add	*363.76*	
		For >500 To 1,000, Deduct	*-140.25*	
		For >1,000 To 2,000, Deduct	*-212.10*	
		For >2,000 To 5,000, Deduct	*-346.30*	
		For >5,000, Deduct	*-574.86*	
33 01 30 72-0174	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,948.74	
		For Vinylester Resin, Add	*1,959.35*	
		For Epoxy Resin, Add	*230.92*	
		For Up To >10, Add	*1,848.55*	
		For >10 To 25, Add	*1,073.94*	
		For >25 To 50, Add	*784.32*	
		For >50 To 100, Add	*392.16*	
		For >500 To 1,000, Deduct	*-151.18*	
		For >1,000 To 2,000, Deduct	*-228.64*	
		For >2,000 To 5,000, Deduct	*-373.31*	
		For >5,000, Deduct	*-619.68*	

33 01 30 72-0175 27mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0176	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	748.11	
		For Vinylester Resin, Add	*498.35*	
		For Epoxy Resin, Add	*58.73*	
		For Up To >10, Add	*464.51*	
		For >10 To 25, Add	*268.43*	
		For >25 To 50, Add	*196.66*	
		For >50 To 100, Add	*98.33*	
		For >500 To 1,000, Deduct	*-38.31*	
		For >1,000 To 2,000, Deduct	*-57.92*	
		For >2,000 To 5,000, Deduct	*-94.48*	
		For >5,000, Deduct	*-156.86*	
33 01 30 72-0177	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	860.75	
		For Vinylester Resin, Add	*573.34*	
		For Epoxy Resin, Add	*67.57*	
		For Up To >10, Add	*534.60*	
		For >10 To 25, Add	*308.99*	
		For >25 To 50, Add	*226.35*	
		For >50 To 100, Add	*113.17*	
		For >500 To 1,000, Deduct	*-44.08*	
		For >1,000 To 2,000, Deduct	*-66.64*	
		For >2,000 To 5,000, Deduct	*-108.71*	
		For >5,000, Deduct	*-180.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0178	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	973.39	
		For Vinylester Resin, Add	*648.33*	
		For Epoxy Resin, Add	*76.41*	
		For Up To >10, Add	*604.70*	
		For >10 To 25, Add	*349.55*	
		For >25 To 50, Add	*256.04*	
		For >50 To 100, Add	*128.02*	
		For >500 To 1,000, Deduct	*-49.85*	
		For >1,000 To 2,000, Deduct	*-75.36*	
		For >2,000 To 5,000, Deduct	*-122.94*	
		For >5,000, Deduct	*-204.12*	
33 01 30 72-0179	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,085.90	
		For Vinylester Resin, Add	*723.32*	
		For Epoxy Resin, Add	*85.25*	
		For Up To >10, Add	*674.40*	
		For >10 To 25, Add	*389.78*	
		For >25 To 50, Add	*285.53*	
		For >50 To 100, Add	*142.77*	
		For >500 To 1,000, Deduct	*-55.61*	
		For >1,000 To 2,000, Deduct	*-84.07*	
		For >2,000 To 5,000, Deduct	*-137.14*	
		For >5,000, Deduct	*-227.70*	
33 01 30 72-0180	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,311.03	
		For Vinylester Resin, Add	*873.30*	
		For Epoxy Resin, Add	*102.92*	
		For Up To >10, Add	*814.17*	
		For >10 To 25, Add	*470.54*	
		For >25 To 50, Add	*344.70*	
		For >50 To 100, Add	*172.35*	
		For >500 To 1,000, Deduct	*-67.14*	
		For >1,000 To 2,000, Deduct	*-101.50*	
		For >2,000 To 5,000, Deduct	*-165.57*	
		For >5,000, Deduct	*-274.90*	
33 01 30 72-0181	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,536.30	
		For Vinylester Resin, Add	*1,023.27*	
		For Epoxy Resin, Add	*120.60*	
		For Up To >10, Add	*954.35*	
		For >10 To 25, Add	*551.66*	
		For >25 To 50, Add	*404.08*	
		For >50 To 100, Add	*202.04*	
		For >500 To 1,000, Deduct	*-78.68*	
		For >1,000 To 2,000, Deduct	*-118.95*	
		For >2,000 To 5,000, Deduct	*-194.04*	
		For >5,000, Deduct	*-322.16*	
33 01 30 72-0182	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,761.45	
		For Vinylester Resin, Add	*1,173.26*	
		For Epoxy Resin, Add	*138.28*	
		For Up To >10, Add	*1,094.13*	
		For >10 To 25, Add	*632.42*	
		For >25 To 50, Add	*463.26*	
		For >50 To 100, Add	*231.63*	
		For >500 To 1,000, Deduct	*-90.21*	
		For >1,000 To 2,000, Deduct	*-136.38*	
		For >2,000 To 5,000, Deduct	*-222.47*	
		For >5,000, Deduct	*-369.36*	
33 01 30 72-0183	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,986.59	
		For Vinylester Resin, Add	*1,323.24*	
		For Epoxy Resin, Add	*155.95*	
		For Up To >10, Add	*1,233.92*	
		For >10 To 25, Add	*713.21*	
		For >25 To 50, Add	*522.44*	
		For >50 To 100, Add	*261.22*	
		For >500 To 1,000, Deduct	*-101.74*	
		For >1,000 To 2,000, Deduct	*-153.81*	
		For >2,000 To 5,000, Deduct	*-250.90*	
		For >5,000, Deduct	*-416.57*	
33 01 30 72-0184	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,211.72	
		For Vinylester Resin, Add	*1,473.21*	
		For Epoxy Resin, Add	*173.63*	
		For Up To >10, Add	*1,373.69*	
		For >10 To 25, Add	*793.97*	
		For >25 To 50, Add	*581.61*	
		For >50 To 100, Add	*290.81*	
		For >500 To 1,000, Deduct	*-113.26*	
		For >1,000 To 2,000, Deduct	*-171.24*	
		For >2,000 To 5,000, Deduct	*-279.33*	
		For >5,000, Deduct	*-463.77*	
33 01 30 72-0185	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,442.80	
		For Vinylester Resin, Add	*1,623.20*	
		For Epoxy Resin, Add	*191.31*	
		For Up To >10, Add	*1,531.28*	
		For >10 To 25, Add	*889.59*	
		For >25 To 50, Add	*649.70*	
		For >50 To 100, Add	*324.85*	
		For >500 To 1,000, Deduct	*-125.24*	
		For >1,000 To 2,000, Deduct	*-189.41*	
		For >2,000 To 5,000, Deduct	*-309.25*	
		For >5,000, Deduct	*-513.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0186	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,668.49	
		For Vinylester Resin, Add	*1,773.17*	
		For Epoxy Resin, Add	*208.98*	
		For Up To >10, Add	*1,672.72*	
		For >10 To 25, Add	*971.75*	
		For >25 To 50, Add	*709.71*	
		For >50 To 100, Add	*354.85*	
		For >500 To 1,000, Deduct	*-136.81*	
		For >1,000 To 2,000, Deduct	*-206.91*	
		For >2,000 To 5,000, Deduct	*-337.82*	
		For >5,000, Deduct	*-560.78*	
33 01 30 72-0187	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,894.21	
		For Vinylester Resin, Add	*1,923.15*	
		For Epoxy Resin, Add	*226.66*	
		For Up To >10, Add	*1,814.23*	
		For >10 To 25, Add	*1,053.97*	
		For >25 To 50, Add	*769.75*	
		For >50 To 100, Add	*384.87*	
		For >500 To 1,000, Deduct	*-148.38*	
		For >1,000 To 2,000, Deduct	*-224.41*	
		For >2,000 To 5,000, Deduct	*-366.40*	
		For >5,000, Deduct	*-608.21*	
33 01 30 72-0188	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,119.90	
		For Vinylester Resin, Add	*2,073.13*	
		For Epoxy Resin, Add	*244.33*	
		For Up To >10, Add	*1,955.68*	
		For >10 To 25, Add	*1,136.13*	
		For >25 To 50, Add	*829.76*	
		For >50 To 100, Add	*414.88*	
		For >500 To 1,000, Deduct	*-159.95*	
		For >1,000 To 2,000, Deduct	*-241.91*	
		For >2,000 To 5,000, Deduct	*-394.97*	
		For >5,000, Deduct	*-655.64*	

33 01 30 72-0189 28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0190	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	905.59	
		For Vinylester Resin, Add	*603.64*	
		For Epoxy Resin, Add	*71.14*	
		For Up To >10, Add	*560.92*	
		For >10 To 25, Add	*323.71*	
		For >25 To 50, Add	*237.34*	
		For >50 To 100, Add	*118.67*	
		For >500 To 1,000, Deduct	*-46.36*	
		For >1,000 To 2,000, Deduct	*-70.08*	
		For >2,000 To 5,000, Deduct	*-114.29*	
		For >5,000, Deduct	*-189.77*	
33 01 30 72-0191	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,024.46	
		For Vinylester Resin, Add	*682.79*	
		For Epoxy Resin, Add	*80.47*	
		For Up To >10, Add	*634.83*	
		For >10 To 25, Add	*366.46*	
		For >25 To 50, Add	*268.64*	
		For >50 To 100, Add	*134.32*	
		For >500 To 1,000, Deduct	*-52.45*	
		For >1,000 To 2,000, Deduct	*-79.29*	
		For >2,000 To 5,000, Deduct	*-129.31*	
		For >5,000, Deduct	*-214.70*	
33 01 30 72-0192	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,143.20	
		For Vinylester Resin, Add	*761.95*	
		For Epoxy Resin, Add	*89.80*	
		For Up To >10, Add	*708.35*	
		For >10 To 25, Add	*408.88*	
		For >25 To 50, Add	*299.75*	
		For >50 To 100, Add	*149.88*	
		For >500 To 1,000, Deduct	*-58.53*	
		For >1,000 To 2,000, Deduct	*-88.48*	
		For >2,000 To 5,000, Deduct	*-144.30*	
		For >5,000, Deduct	*-239.58*	
33 01 30 72-0193	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,447.51	
		For Vinylester Resin, Add	*967.05*	
		For Epoxy Resin, Add	*113.97*	
		For Up To >10, Add	*888.78*	
		For >10 To 25, Add	*510.40*	
		For >25 To 50, Add	*375.32*	
		For >50 To 100, Add	*187.66*	
		For >500 To 1,000, Deduct	*-74.03*	
		For >1,000 To 2,000, Deduct	*-111.86*	
		For >2,000 To 5,000, Deduct	*-182.28*	
		For >5,000, Deduct	*-302.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0194	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,618.26	
		For Vinylester Resin, Add	*1,078.57*	
		For Epoxy Resin, Add	*127.12*	
		For Up To >10, Add	*1,002.76*	
		For >10 To 25, Add	*578.83*	
		For >25 To 50, Add	*424.34*	
		For >50 To 100, Add	*212.17*	
		For >500 To 1,000, Deduct	*-82.85*	
		For >1,000 To 2,000, Deduct	*-125.24*	
		For >2,000 To 5,000, Deduct	*-204.26*	
		For >5,000, Deduct	*-339.14*	
33 01 30 72-0195	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,855.73	
		For Vinylester Resin, Add	*1,236.89*	
		For Epoxy Resin, Add	*145.78*	
		For Up To >10, Add	*1,149.74*	
		For >10 To 25, Add	*663.62*	
		For >25 To 50, Add	*486.52*	
		For >50 To 100, Add	*243.26*	
		For >500 To 1,000, Deduct	*-95.01*	
		For >1,000 To 2,000, Deduct	*-143.62*	
		For >2,000 To 5,000, Deduct	*-234.23*	
		For >5,000, Deduct	*-388.90*	
33 01 30 72-0196	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,093.19	
		For Vinylester Resin, Add	*1,395.19*	
		For Epoxy Resin, Add	*164.43*	
		For Up To >10, Add	*1,296.75*	
		For >10 To 25, Add	*748.43*	
		For >25 To 50, Add	*548.72*	
		For >50 To 100, Add	*274.36*	
		For >500 To 1,000, Deduct	*-107.16*	
		For >1,000 To 2,000, Deduct	*-161.99*	
		For >2,000 To 5,000, Deduct	*-264.19*	
		For >5,000, Deduct	*-438.65*	
33 01 30 72-0197	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,330.66	
		For Vinylester Resin, Add	*1,553.50*	
		For Epoxy Resin, Add	*183.09*	
		For Up To >10, Add	*1,443.76*	
		For >10 To 25, Add	*833.25*	
		For >25 To 50, Add	*610.91*	
		For >50 To 100, Add	*305.46*	
		For >500 To 1,000, Deduct	*-119.32*	
		For >1,000 To 2,000, Deduct	*-180.37*	
		For >2,000 To 5,000, Deduct	*-294.16*	
		For >5,000, Deduct	*-488.41*	
33 01 30 72-0198	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,574.34	
		For Vinylester Resin, Add	*1,711.82*	
		For Epoxy Resin, Add	*201.75*	
		For Up To >10, Add	*1,609.40*	
		For >10 To 25, Add	*933.59*	
		For >25 To 50, Add	*682.43*	
		For >50 To 100, Add	*341.21*	
		For >500 To 1,000, Deduct	*-131.94*	
		For >1,000 To 2,000, Deduct	*-199.52*	
		For >2,000 To 5,000, Deduct	*-325.68*	
		For >5,000, Deduct	*-540.65*	
33 01 30 72-0199	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,812.38	
		For Vinylester Resin, Add	*1,870.13*	
		For Epoxy Resin, Add	*220.41*	
		For Up To >10, Add	*1,758.12*	
		For >10 To 25, Add	*1,019.83*	
		For >25 To 50, Add	*745.48*	
		For >50 To 100, Add	*372.74*	
		For >500 To 1,000, Deduct	*-144.14*	
		For >1,000 To 2,000, Deduct	*-217.97*	
		For >2,000 To 5,000, Deduct	*-355.79*	
		For >5,000, Deduct	*-590.63*	
33 01 30 72-0200	LF	28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,050.54	
		For Vinylester Resin, Add	*2,028.43*	
		For Epoxy Resin, Add	*239.07*	
		For Up To >10, Add	*1,907.22*	
		For >10 To 25, Add	*1,106.39*	
		For >25 To 50, Add	*808.72*	
		For >50 To 100, Add	*404.36*	
		For >500 To 1,000, Deduct	*-156.35*	
		For >1,000 To 2,000, Deduct	*-236.43*	
		For >2,000 To 5,000, Deduct	*-385.93*	
		For >5,000, Deduct	*-640.66*	
33 01 30 72-0201	LF	28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,288.57	
		For Vinylester Resin, Add	*2,186.74*	
		For Epoxy Resin, Add	*257.72*	
		For Up To >10, Add	*2,055.91*	
		For >10 To 25, Add	*1,192.61*	
		For >25 To 50, Add	*871.76*	
		For >50 To 100, Add	*435.88*	
		For >500 To 1,000, Deduct	*-168.54*	
		For >1,000 To 2,000, Deduct	*-254.88*	
		For >2,000 To 5,000, Deduct	*-416.03*	
		For >5,000, Deduct	*-690.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0202		30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0203	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	950.20	
		For Vinylester Resin, Add	*633.77*	
		For Epoxy Resin, Add	*74.69*	
		For Up To >10, Add	*587.13*	
		For >10 To 25, Add	*338.37*	
		For >25 To 50, Add	*248.29*	
		For >50 To 100, Add	*124.15*	
		For >500 To 1,000, Deduct	*-48.63*	
		For >1,000 To 2,000, Deduct	*-73.51*	
		For >2,000 To 5,000, Deduct	*-119.85*	
		For >5,000, Deduct	*-199.00*	
33 01 30 72-0204	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,075.15	
		For Vinylester Resin, Add	*717.09*	
		For Epoxy Resin, Add	*84.51*	
		For Up To >10, Add	*664.40*	
		For >10 To 25, Add	*382.93*	
		For >25 To 50, Add	*280.98*	
		For >50 To 100, Add	*140.49*	
		For >500 To 1,000, Deduct	*-55.03*	
		For >1,000 To 2,000, Deduct	*-83.17*	
		For >2,000 To 5,000, Deduct	*-135.61*	
		For >5,000, Deduct	*-225.18*	
33 01 30 72-0205	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,200.11	
		For Vinylester Resin, Add	*800.41*	
		For Epoxy Resin, Add	*94.33*	
		For Up To >10, Add	*741.73*	
		For >10 To 25, Add	*427.54*	
		For >25 To 50, Add	*313.69*	
		For >50 To 100, Add	*156.85*	
		For >500 To 1,000, Deduct	*-61.42*	
		For >1,000 To 2,000, Deduct	*-92.84*	
		For >2,000 To 5,000, Deduct	*-151.38*	
		For >5,000, Deduct	*-251.36*	
33 01 30 72-0206	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,449.90	
		For Vinylester Resin, Add	*967.05*	
		For Epoxy Resin, Add	*113.97*	
		For Up To >10, Add	*895.95*	
		For >10 To 25, Add	*516.38*	
		For >25 To 50, Add	*378.90*	
		For >50 To 100, Add	*189.45*	
		For >500 To 1,000, Deduct	*-74.21*	
		For >1,000 To 2,000, Deduct	*-112.16*	
		For >2,000 To 5,000, Deduct	*-182.88*	
		For >5,000, Deduct	*-303.66*	
33 01 30 72-0207	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,699.84	
		For Vinylester Resin, Add	*1,133.69*	
		For Epoxy Resin, Add	*133.61*	
		For Up To >10, Add	*1,050.62*	
		For >10 To 25, Add	*605.59*	
		For >25 To 50, Add	*444.33*	
		For >50 To 100, Add	*222.17*	
		For >500 To 1,000, Deduct	*-87.00*	
		For >1,000 To 2,000, Deduct	*-131.50*	
		For >2,000 To 5,000, Deduct	*-214.42*	
		For >5,000, Deduct	*-356.02*	
33 01 30 72-0208	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,949.64	
		For Vinylester Resin, Add	*1,300.34*	
		For Epoxy Resin, Add	*153.25*	
		For Up To >10, Add	*1,204.85*	
		For >10 To 25, Add	*694.43*	
		For >25 To 50, Add	*509.54*	
		For >50 To 100, Add	*254.77*	
		For >500 To 1,000, Deduct	*-99.78*	
		For >1,000 To 2,000, Deduct	*-150.82*	
		For >2,000 To 5,000, Deduct	*-245.92*	
		For >5,000, Deduct	*-408.33*	
33 01 30 72-0209	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,199.57	
		For Vinylester Resin, Add	*1,466.98*	
		For Epoxy Resin, Add	*172.89*	
		For Up To >10, Add	*1,359.49*	
		For >10 To 25, Add	*783.62*	
		For >25 To 50, Add	*574.96*	
		For >50 To 100, Add	*287.48*	
		For >500 To 1,000, Deduct	*-112.58*	
		For >1,000 To 2,000, Deduct	*-170.16*	
		For >2,000 To 5,000, Deduct	*-277.45*	
		For >5,000, Deduct	*-460.69*	
33 01 30 72-0210	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,449.36	
		For Vinylester Resin, Add	*1,633.63*	
		For Epoxy Resin, Add	*192.53*	
		For Up To >10, Add	*1,513.71*	
		For >10 To 25, Add	*872.46*	
		For >25 To 50, Add	*640.17*	
		For >50 To 100, Add	*320.08*	
		For >500 To 1,000, Deduct	*-125.36*	
		For >1,000 To 2,000, Deduct	*-189.48*	
		For >2,000 To 5,000, Deduct	*-308.95*	
		For >5,000, Deduct	*-512.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0211	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,705.66	
		For Vinylester Resin, Add	*1,800.27*	
		For Epoxy Resin, Add	*212.17*	
		For Up To >10, Add	*1,687.46*	
		For >10 To 25, Add	*977.58*	
		For >25 To 50, Add	*715.14*	
		For >50 To 100, Add	*357.57*	
		For >500 To 1,000, Deduct	*-138.63*	
		For >1,000 To 2,000, Deduct	*-209.62*	
		For >2,000 To 5,000, Deduct	*-342.08*	
		For >5,000, Deduct	*-567.90*	
33 01 30 72-0212	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,956.02	
		For Vinylester Resin, Add	*1,966.92*	
		For Epoxy Resin, Add	*231.82*	
		For Up To >10, Add	*1,843.36*	
		For >10 To 25, Add	*1,067.82*	
		For >25 To 50, Add	*781.19*	
		For >50 To 100, Add	*390.59*	
		For >500 To 1,000, Deduct	*-151.45*	
		For >1,000 To 2,000, Deduct	*-229.01*	
		For >2,000 To 5,000, Deduct	*-373.72*	
		For >5,000, Deduct	*-620.43*	
33 01 30 72-0213	LF	30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,206.51	
		For Vinylester Resin, Add	*2,133.55*	
		For Epoxy Resin, Add	*251.45*	
		For Up To >10, Add	*1,999.71*	
		For >10 To 25, Add	*1,158.43*	
		For >25 To 50, Add	*847.46*	
		For >50 To 100, Add	*423.73*	
		For >500 To 1,000, Deduct	*-164.29*	
		For >1,000 To 2,000, Deduct	*-248.42*	
		For >2,000 To 5,000, Deduct	*-405.40*	
		For >5,000, Deduct	*-673.02*	
33 01 30 72-0214	LF	30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,457.02	
		For Vinylester Resin, Add	*2,300.20*	
		For Epoxy Resin, Add	*271.10*	
		For Up To >10, Add	*2,156.06*	
		For >10 To 25, Add	*1,249.05*	
		For >25 To 50, Add	*913.73*	
		For >50 To 100, Add	*456.87*	
		For >500 To 1,000, Deduct	*-177.13*	
		For >1,000 To 2,000, Deduct	*-267.83*	
		For >2,000 To 5,000, Deduct	*-437.08*	
		For >5,000, Deduct	*-725.61*	
33 01 30 72-0215	LF	30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,707.37	
		For Vinylester Resin, Add	*2,466.84*	
		For Epoxy Resin, Add	*290.73*	
		For Up To >10, Add	*2,311.96*	
		For >10 To 25, Add	*1,339.29*	
		For >25 To 50, Add	*979.78*	
		For >50 To 100, Add	*489.89*	
		For >500 To 1,000, Deduct	*-189.95*	
		For >1,000 To 2,000, Deduct	*-287.22*	
		For >2,000 To 5,000, Deduct	*-468.71*	
		For >5,000, Deduct	*-778.14*	
33 01 30 72-0216	LF	30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,957.87	
		For Vinylester Resin, Add	*2,633.48*	
		For Epoxy Resin, Add	*310.37*	
		For Up To >10, Add	*2,468.31*	
		For >10 To 25, Add	*1,429.91*	
		For >25 To 50, Add	*1,046.05*	
		For >50 To 100, Add	*523.02*	
		For >500 To 1,000, Deduct	*-202.79*	
		For >1,000 To 2,000, Deduct	*-306.63*	
		For >2,000 To 5,000, Deduct	*-500.39*	
		For >5,000, Deduct	*-830.72*	

33 01 30 72-0217 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0218	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	994.54	
		For Vinylester Resin, Add	*663.73*	
		For Epoxy Resin, Add	*78.23*	
		For Up To >10, Add	*613.15*	
		For >10 To 25, Add	*352.92*	
		For >25 To 50, Add	*259.16*	
		For >50 To 100, Add	*129.58*	
		For >500 To 1,000, Deduct	*-50.89*	
		For >1,000 To 2,000, Deduct	*-76.91*	
		For >2,000 To 5,000, Deduct	*-125.37*	
		For >5,000, Deduct	*-208.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0219	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,125.61	
		For Vinylester Resin, Add	*751.23*	
		For Epoxy Resin, Add	*88.54*	
		For Up To >10, Add	*693.88*	
		For >10 To 25, Add	*399.37*	
		For >25 To 50, Add	*293.28*	
		For >50 To 100, Add	*146.64*	
		For >500 To 1,000, Deduct	*-57.59*	
		For >1,000 To 2,000, Deduct	*-87.04*	
		For >2,000 To 5,000, Deduct	*-141.89*	
		For >5,000, Deduct	*-235.61*	
33 01 30 72-0220	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,256.66	
		For Vinylester Resin, Add	*838.71*	
		For Epoxy Resin, Add	*98.85*	
		For Up To >10, Add	*774.61*	
		For >10 To 25, Add	*445.81*	
		For >25 To 50, Add	*327.40*	
		For >50 To 100, Add	*163.70*	
		For >500 To 1,000, Deduct	*-64.30*	
		For >1,000 To 2,000, Deduct	*-97.18*	
		For >2,000 To 5,000, Deduct	*-158.41*	
		For >5,000, Deduct	*-263.03*	
33 01 30 72-0221	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,518.93	
		For Vinylester Resin, Add	*1,013.68*	
		For Epoxy Resin, Add	*119.47*	
		For Up To >10, Add	*936.49*	
		For >10 To 25, Add	*539.06*	
		For >25 To 50, Add	*395.84*	
		For >50 To 100, Add	*197.92*	
		For >500 To 1,000, Deduct	*-77.72*	
		For >1,000 To 2,000, Deduct	*-117.46*	
		For >2,000 To 5,000, Deduct	*-191.48*	
		For >5,000, Deduct	*-317.95*	
33 01 30 72-0222	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,781.05	
		For Vinylester Resin, Add	*1,188.66*	
		For Epoxy Resin, Add	*140.09*	
		For Up To >10, Add	*1,097.93*	
		For >10 To 25, Add	*631.92*	
		For >25 To 50, Add	*464.06*	
		For >50 To 100, Add	*232.03*	
		For >500 To 1,000, Deduct	*-91.13*	
		For >1,000 To 2,000, Deduct	*-137.73*	
		For >2,000 To 5,000, Deduct	*-224.51*	
		For >5,000, Deduct	*-372.80*	
33 01 30 72-0223	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,043.30	
		For Vinylester Resin, Add	*1,363.64*	
		For Epoxy Resin, Add	*160.71*	
		For Up To >10, Add	*1,259.78*	
		For >10 To 25, Add	*725.14*	
		For >25 To 50, Add	*532.49*	
		For >50 To 100, Add	*266.24*	
		For >500 To 1,000, Deduct	*-104.55*	
		For >1,000 To 2,000, Deduct	*-158.01*	
		For >2,000 To 5,000, Deduct	*-257.58*	
		For >5,000, Deduct	*-427.71*	
33 01 30 72-0224	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,305.42	
		For Vinylester Resin, Add	*1,538.61*	
		For Epoxy Resin, Add	*181.34*	
		For Up To >10, Add	*1,421.24*	
		For >10 To 25, Add	*818.03*	
		For >25 To 50, Add	*600.72*	
		For >50 To 100, Add	*300.36*	
		For >500 To 1,000, Deduct	*-117.96*	
		For >1,000 To 2,000, Deduct	*-178.28*	
		For >2,000 To 5,000, Deduct	*-290.61*	
		For >5,000, Deduct	*-482.57*	
33 01 30 72-0225	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,567.55	
		For Vinylester Resin, Add	*1,713.59*	
		For Epoxy Resin, Add	*201.96*	
		For Up To >10, Add	*1,582.70*	
		For >10 To 25, Add	*910.92*	
		For >25 To 50, Add	*668.95*	
		For >50 To 100, Add	*334.48*	
		For >500 To 1,000, Deduct	*-131.37*	
		For >1,000 To 2,000, Deduct	*-198.54*	
		For >2,000 To 5,000, Deduct	*-323.65*	
		For >5,000, Deduct	*-537.42*	
33 01 30 72-0226	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,836.45	
		For Vinylester Resin, Add	*1,888.57*	
		For Epoxy Resin, Add	*222.58*	
		For Up To >10, Add	*1,764.48*	
		For >10 To 25, Add	*1,020.74*	
		For >25 To 50, Add	*747.34*	
		For >50 To 100, Add	*373.67*	
		For >500 To 1,000, Deduct	*-145.29*	
		For >1,000 To 2,000, Deduct	*-219.66*	
		For >2,000 To 5,000, Deduct	*-358.38*	
		For >5,000, Deduct	*-594.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0227	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,119.54	
		For Vinylester Resin, Add	*2,077.63*	
		For Epoxy Resin, Add	*244.86*	
		For Up To >10, Add	*1,938.52*	
		For >10 To 25, Add	*1,120.76*	
		For >25 To 50, Add	*820.86*	
		For >50 To 100, Add	*410.43*	
		For >500 To 1,000, Deduct	*-159.76*	
		For >1,000 To 2,000, Deduct	*-241.54*	
		For >2,000 To 5,000, Deduct	*-394.04*	
		For >5,000, Deduct	*-654.21*	
33 01 30 72-0228	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,361.96	
		For Vinylester Resin, Add	*2,238.51*	
		For Epoxy Resin, Add	*263.82*	
		For Up To >10, Add	*2,091.21*	
		For >10 To 25, Add	*1,209.69*	
		For >25 To 50, Add	*885.71*	
		For >50 To 100, Add	*442.85*	
		For >500 To 1,000, Deduct	*-172.20*	
		For >1,000 To 2,000, Deduct	*-260.35*	
		For >2,000 To 5,000, Deduct	*-424.77*	
		For >5,000, Deduct	*-705.21*	
33 01 30 72-0229	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,624.79	
		For Vinylester Resin, Add	*2,413.49*	
		For Epoxy Resin, Add	*284.45*	
		For Up To >10, Add	*2,254.77*	
		For >10 To 25, Add	*1,304.34*	
		For >25 To 50, Add	*954.99*	
		For >50 To 100, Add	*477.50*	
		For >500 To 1,000, Deduct	*-185.66*	
		For >1,000 To 2,000, Deduct	*-280.71*	
		For >2,000 To 5,000, Deduct	*-457.98*	
		For >5,000, Deduct	*-760.35*	
33 01 30 72-0230	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,887.47	
		For Vinylester Resin, Add	*2,588.46*	
		For Epoxy Resin, Add	*305.07*	
		For Up To >10, Add	*2,417.91*	
		For >10 To 25, Add	*1,398.63*	
		For >25 To 50, Add	*1,024.07*	
		For >50 To 100, Add	*512.03*	
		For >500 To 1,000, Deduct	*-199.12*	
		For >1,000 To 2,000, Deduct	*-301.04*	
		For >2,000 To 5,000, Deduct	*-491.15*	
		For >5,000, Deduct	*-815.43*	
33 01 30 72-0231	LF	31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,150.28	
		For Vinylester Resin, Add	*2,763.43*	
		For Epoxy Resin, Add	*325.69*	
		For Up To >10, Add	*2,581.44*	
		For >10 To 25, Add	*1,493.24*	
		For >25 To 50, Add	*1,093.33*	
		For >50 To 100, Add	*546.67*	
		For >500 To 1,000, Deduct	*-212.58*	
		For >1,000 To 2,000, Deduct	*-321.40*	
		For >2,000 To 5,000, Deduct	*-524.36*	
		For >5,000, Deduct	*-870.56*	

33 01 30 72-0232 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0233	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,038.54	
		For Vinylester Resin, Add	*693.54*	
		For Epoxy Resin, Add	*81.74*	
		For Up To >10, Add	*638.70*	
		For >10 To 25, Add	*367.12*	
		For >25 To 50, Add	*269.81*	
		For >50 To 100, Add	*134.90*	
		For >500 To 1,000, Deduct	*-53.12*	
		For >1,000 To 2,000, Deduct	*-80.28*	
		For >2,000 To 5,000, Deduct	*-130.83*	
		For >5,000, Deduct	*-217.26*	
33 01 30 72-0234	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,175.83	
		For Vinylester Resin, Add	*785.19*	
		For Epoxy Resin, Add	*92.54*	
		For Up To >10, Add	*723.24*	
		For >10 To 25, Add	*415.75*	
		For >25 To 50, Add	*305.54*	
		For >50 To 100, Add	*152.77*	
		For >500 To 1,000, Deduct	*-60.14*	
		For >1,000 To 2,000, Deduct	*-90.89*	
		For >2,000 To 5,000, Deduct	*-148.14*	
		For >5,000, Deduct	*-245.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0235	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,312.98	
		For Vinylester Resin, Add	*876.84*	
		For Epoxy Resin, Add	*103.34*	
		For Up To >10, Add	*807.37*	
		For >10 To 25, Add	*464.03*	
		For >25 To 50, Add	*341.05*	
		For >50 To 100, Add	*170.53*	
		For >500 To 1,000, Deduct	*-67.16*	
		For >1,000 To 2,000, Deduct	*-101.49*	
		For >2,000 To 5,000, Deduct	*-165.40*	
		For >5,000, Deduct	*-274.67*	
33 01 30 72-0236	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,587.58	
		For Vinylester Resin, Add	*1,060.16*	
		For Epoxy Resin, Add	*124.95*	
		For Up To >10, Add	*976.47*	
		For >10 To 25, Add	*561.30*	
		For >25 To 50, Add	*412.51*	
		For >50 To 100, Add	*206.25*	
		For >500 To 1,000, Deduct	*-81.21*	
		For >1,000 To 2,000, Deduct	*-122.72*	
		For >2,000 To 5,000, Deduct	*-200.01*	
		For >5,000, Deduct	*-332.13*	
33 01 30 72-0237	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,862.02	
		For Vinylester Resin, Add	*1,243.46*	
		For Epoxy Resin, Add	*146.55*	
		For Up To >10, Add	*1,145.14*	
		For >10 To 25, Add	*658.22*	
		For >25 To 50, Add	*483.75*	
		For >50 To 100, Add	*241.87*	
		For >500 To 1,000, Deduct	*-95.24*	
		For >1,000 To 2,000, Deduct	*-143.93*	
		For >2,000 To 5,000, Deduct	*-234.58*	
		For >5,000, Deduct	*-389.53*	
33 01 30 72-0238	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,136.61	
		For Vinylester Resin, Add	*1,426.77*	
		For Epoxy Resin, Add	*168.15*	
		For Up To >10, Add	*1,314.23*	
		For >10 To 25, Add	*755.49*	
		For >25 To 50, Add	*555.20*	
		For >50 To 100, Add	*277.60*	
		For >500 To 1,000, Deduct	*-109.29*	
		For >1,000 To 2,000, Deduct	*-165.16*	
		For >2,000 To 5,000, Deduct	*-269.18*	
		For >5,000, Deduct	*-447.00*	
33 01 30 72-0239	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,411.05	
		For Vinylester Resin, Add	*1,610.07*	
		For Epoxy Resin, Add	*189.76*	
		For Up To >10, Add	*1,482.90*	
		For >10 To 25, Add	*852.40*	
		For >25 To 50, Add	*626.45*	
		For >50 To 100, Add	*313.22*	
		For >500 To 1,000, Deduct	*-123.33*	
		For >1,000 To 2,000, Deduct	*-186.38*	
		For >2,000 To 5,000, Deduct	*-303.75*	
		For >5,000, Deduct	*-504.40*	
33 01 30 72-0240	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,685.51	
		For Vinylester Resin, Add	*1,793.39*	
		For Epoxy Resin, Add	*211.36*	
		For Up To >10, Add	*1,651.58*	
		For >10 To 25, Add	*949.32*	
		For >25 To 50, Add	*697.69*	
		For >50 To 100, Add	*348.85*	
		For >500 To 1,000, Deduct	*-137.36*	
		For >1,000 To 2,000, Deduct	*-207.59*	
		For >2,000 To 5,000, Deduct	*-338.32*	
		For >5,000, Deduct	*-561.81*	
33 01 30 72-0241	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,966.87	
		For Vinylester Resin, Add	*1,976.69*	
		For Epoxy Resin, Add	*232.97*	
		For Up To >10, Add	*1,841.01*	
		For >10 To 25, Add	*1,063.54*	
		For >25 To 50, Add	*779.31*	
		For >50 To 100, Add	*389.66*	
		For >500 To 1,000, Deduct	*-151.92*	
		For >1,000 To 2,000, Deduct	*-229.67*	
		For >2,000 To 5,000, Deduct	*-374.62*	
		For >5,000, Deduct	*-621.98*	
33 01 30 72-0242	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,242.45	
		For Vinylester Resin, Add	*2,160.00*	
		For Epoxy Resin, Add	*254.57*	
		For Up To >10, Add	*2,013.08*	
		For >10 To 25, Add	*1,163.28*	
		For >25 To 50, Add	*852.25*	
		For >50 To 100, Add	*426.13*	
		For >500 To 1,000, Deduct	*-166.04*	
		For >1,000 To 2,000, Deduct	*-251.02*	
		For >2,000 To 5,000, Deduct	*-409.47*	
		For >5,000, Deduct	*-679.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0243	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,517.03	
		For Vinylester Resin, Add	*2,343.30*	
		For Epoxy Resin, Add	*276.17*	
		For Up To >10, Add	*2,182.17*	
		For >10 To 25, Add	*1,260.54*	
		For >25 To 50, Add	*923.70*	
		For >50 To 100, Add	*461.85*	
		For >500 To 1,000, Deduct	*-180.09*	
		For >1,000 To 2,000, Deduct	*-272.25*	
		For >2,000 To 5,000, Deduct	*-444.07*	
		For >5,000, Deduct	*-737.30*	
33 01 30 72-0244	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,792.19	
		For Vinylester Resin, Add	*2,526.61*	
		For Epoxy Resin, Add	*297.78*	
		For Up To >10, Add	*2,352.97*	
		For >10 To 25, Add	*1,359.24*	
		For >25 To 50, Add	*996.01*	
		For >50 To 100, Add	*498.01*	
		For >500 To 1,000, Deduct	*-194.18*	
		For >1,000 To 2,000, Deduct	*-293.55*	
		For >2,000 To 5,000, Deduct	*-478.82*	
		For >5,000, Deduct	*-794.99*	
33 01 30 72-0245	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,067.33	
		For Vinylester Resin, Add	*2,709.92*	
		For Epoxy Resin, Add	*319.38*	
		For Up To >10, Add	*2,523.72*	
		For >10 To 25, Add	*1,457.88*	
		For >25 To 50, Add	*1,068.29*	
		For >50 To 100, Add	*534.15*	
		For >500 To 1,000, Deduct	*-208.27*	
		For >1,000 To 2,000, Deduct	*-314.85*	
		For >2,000 To 5,000, Deduct	*-513.56*	
		For >5,000, Deduct	*-852.67*	
33 01 30 72-0246	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,342.49	
		For Vinylester Resin, Add	*2,893.23*	
		For Epoxy Resin, Add	*340.99*	
		For Up To >10, Add	*2,694.52*	
		For >10 To 25, Add	*1,556.57*	
		For >25 To 50, Add	*1,140.60*	
		For >50 To 100, Add	*570.30*	
		For >500 To 1,000, Deduct	*-222.36*	
		For >1,000 To 2,000, Deduct	*-336.15*	
		For >2,000 To 5,000, Deduct	*-548.31*	
		For >5,000, Deduct	*-910.36*	

33 01 30 72-0247 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0248	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,225.39	
		For Vinylester Resin, Add	*818.99*	
		For Epoxy Resin, Add	*96.52*	
		For Up To >10, Add	*751.20*	
		For >10 To 25, Add	*431.00*	
		For >25 To 50, Add	*317.10*	
		For >50 To 100, Add	*158.55*	
		For >500 To 1,000, Deduct	*-62.65*	
		For >1,000 To 2,000, Deduct	*-94.67*	
		For >2,000 To 5,000, Deduct	*-154.25*	
		For >5,000, Deduct	*-256.16*	
33 01 30 72-0249	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,368.77	
		For Vinylester Resin, Add	*914.81*	
		For Epoxy Resin, Add	*107.82*	
		For Up To >10, Add	*839.14*	
		For >10 To 25, Add	*481.47*	
		For >25 To 50, Add	*354.22*	
		For >50 To 100, Add	*177.11*	
		For >500 To 1,000, Deduct	*-69.99*	
		For >1,000 To 2,000, Deduct	*-105.75*	
		For >2,000 To 5,000, Deduct	*-172.30*	
		For >5,000, Deduct	*-286.13*	
33 01 30 72-0250	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,655.55	
		For Vinylester Resin, Add	*1,106.46*	
		For Epoxy Resin, Add	*130.40*	
		For Up To >10, Add	*1,015.03*	
		For >10 To 25, Add	*582.41*	
		For >25 To 50, Add	*428.48*	
		For >50 To 100, Add	*214.24*	
		For >500 To 1,000, Deduct	*-84.65*	
		For >1,000 To 2,000, Deduct	*-127.91*	
		For >2,000 To 5,000, Deduct	*-208.40*	
		For >5,000, Deduct	*-346.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0251	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,942.19	
		For Vinylester Resin, Add	*1,298.09*	
		For Epoxy Resin, Add	*152.99*	
		For Up To >10, Add	*1,190.52*	
		For >10 To 25, Add	*683.03*	
		For >25 To 50, Add	*502.54*	
		For >50 To 100, Add	*251.27*	
		For >500 To 1,000, Deduct	*-99.30*	
		For >1,000 To 2,000, Deduct	*-150.05*	
		For >2,000 To 5,000, Deduct	*-244.47*	
		For >5,000, Deduct	*-405.99*	
33 01 30 72-0252	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,228.96	
		For Vinylester Resin, Add	*1,489.73*	
		For Epoxy Resin, Add	*175.58*	
		For Up To >10, Add	*1,366.41*	
		For >10 To 25, Add	*783.97*	
		For >25 To 50, Add	*576.79*	
		For >50 To 100, Add	*288.40*	
		For >500 To 1,000, Deduct	*-113.97*	
		For >1,000 To 2,000, Deduct	*-172.21*	
		For >2,000 To 5,000, Deduct	*-280.58*	
		For >5,000, Deduct	*-465.95*	
33 01 30 72-0253	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,515.59	
		For Vinylester Resin, Add	*1,681.37*	
		For Epoxy Resin, Add	*198.16*	
		For Up To >10, Add	*1,541.87*	
		For >10 To 25, Add	*884.57*	
		For >25 To 50, Add	*650.84*	
		For >50 To 100, Add	*325.42*	
		For >500 To 1,000, Deduct	*-128.62*	
		For >1,000 To 2,000, Deduct	*-194.35*	
		For >2,000 To 5,000, Deduct	*-316.64*	
		For >5,000, Deduct	*-525.84*	
33 01 30 72-0254	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,802.36	
		For Vinylester Resin, Add	*1,873.01*	
		For Epoxy Resin, Add	*220.75*	
		For Up To >10, Add	*1,717.76*	
		For >10 To 25, Add	*985.51*	
		For >25 To 50, Add	*725.09*	
		For >50 To 100, Add	*362.55*	
		For >500 To 1,000, Deduct	*-143.28*	
		For >1,000 To 2,000, Deduct	*-216.51*	
		For >2,000 To 5,000, Deduct	*-352.75*	
		For >5,000, Deduct	*-585.80*	
33 01 30 72-0255	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,096.06	
		For Vinylester Resin, Add	*2,064.65*	
		For Epoxy Resin, Add	*243.33*	
		For Up To >10, Add	*1,914.43*	
		For >10 To 25, Add	*1,103.78*	
		For >25 To 50, Add	*809.74*	
		For >50 To 100, Add	*404.87*	
		For >500 To 1,000, Deduct	*-158.47*	
		For >1,000 To 2,000, Deduct	*-239.53*	
		For >2,000 To 5,000, Deduct	*-390.58*	
		For >5,000, Deduct	*-648.52*	
33 01 30 72-0256	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,383.68	
		For Vinylester Resin, Add	*2,256.29*	
		For Epoxy Resin, Add	*265.92*	
		For Up To >10, Add	*2,092.87*	
		For >10 To 25, Add	*1,206.84*	
		For >25 To 50, Add	*885.27*	
		For >50 To 100, Add	*442.63*	
		For >500 To 1,000, Deduct	*-173.19*	
		For >1,000 To 2,000, Deduct	*-261.80*	
		For >2,000 To 5,000, Deduct	*-426.89*	
		For >5,000, Deduct	*-708.82*	
33 01 30 72-0257	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,668.48	
		For Vinylester Resin, Add	*2,447.93*	
		For Epoxy Resin, Add	*288.51*	
		For Up To >10, Add	*2,262.84*	
		For >10 To 25, Add	*1,302.86*	
		For >25 To 50, Add	*956.57*	
		For >50 To 100, Add	*478.28*	
		For >500 To 1,000, Deduct	*-187.71*	
		For >1,000 To 2,000, Deduct	*-283.71*	
		For >2,000 To 5,000, Deduct	*-462.50*	
		For >5,000, Deduct	*-767.98*	
33 01 30 72-0258	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,958.21	
		For Vinylester Resin, Add	*2,639.57*	
		For Epoxy Resin, Add	*311.09*	
		For Up To >10, Add	*2,447.61*	
		For >10 To 25, Add	*1,411.20*	
		For >25 To 50, Add	*1,035.26*	
		For >50 To 100, Add	*517.63*	
		For >500 To 1,000, Deduct	*-202.60*	
		For >1,000 To 2,000, Deduct	*-306.24*	
		For >2,000 To 5,000, Deduct	*-499.35*	
		For >5,000, Deduct	*-829.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0259	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,245.56	
		For Vinylester Resin, Add	*2,831.21*	
		For Epoxy Resin, Add	*333.68*	
		For Up To >10, Add	*2,625.23*	
		For >10 To 25, Add	*1,513.60*	
		For >25 To 50, Add	*1,110.39*	
		For >50 To 100, Add	*555.19*	
		For >500 To 1,000, Deduct	*-217.30*	
		For >1,000 To 2,000, Deduct	*-328.47*	
		For >2,000 To 5,000, Deduct	*-535.59*	
		For >5,000, Deduct	*-889.31*	
33 01 30 72-0260	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,532.89	
		For Vinylester Resin, Add	*3,022.85*	
		For Epoxy Resin, Add	*356.26*	
		For Up To >10, Add	*2,802.80*	
		For >10 To 25, Add	*1,615.94*	
		For >25 To 50, Add	*1,185.48*	
		For >50 To 100, Add	*592.74*	
		For >500 To 1,000, Deduct	*-232.01*	
		For >1,000 To 2,000, Deduct	*-350.69*	
		For >2,000 To 5,000, Deduct	*-571.84*	
		For >5,000, Deduct	*-949.49*	

33 01 30 72-0261 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0262	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,274.72	
		For Vinylester Resin, Add	*852.64*	
		For Epoxy Resin, Add	*100.49*	
		For Up To >10, Add	*779.04*	
		For >10 To 25, Add	*446.19*	
		For >25 To 50, Add	*328.62*	
		For >50 To 100, Add	*164.31*	
		For >500 To 1,000, Deduct	*-65.15*	
		For >1,000 To 2,000, Deduct	*-98.44*	
		For >2,000 To 5,000, Deduct	*-160.33*	
		For >5,000, Deduct	*-266.28*	
33 01 30 72-0263	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,424.19	
		For Vinylester Resin, Add	*952.62*	
		For Epoxy Resin, Add	*112.27*	
		For Up To >10, Add	*870.37*	
		For >10 To 25, Add	*498.50*	
		For >25 To 50, Add	*367.14*	
		For >50 To 100, Add	*183.57*	
		For >500 To 1,000, Deduct	*-72.79*	
		For >1,000 To 2,000, Deduct	*-109.98*	
		For >2,000 To 5,000, Deduct	*-179.13*	
		For >5,000, Deduct	*-297.50*	
33 01 30 72-0264	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,723.16	
		For Vinylester Resin, Add	*1,152.59*	
		For Epoxy Resin, Add	*135.84*	
		For Up To >10, Add	*1,053.08*	
		For >10 To 25, Add	*603.14*	
		For >25 To 50, Add	*444.21*	
		For >50 To 100, Add	*222.11*	
		For >500 To 1,000, Deduct	*-88.07*	
		For >1,000 To 2,000, Deduct	*-133.07*	
		For >2,000 To 5,000, Deduct	*-216.74*	
		For >5,000, Deduct	*-359.95*	
33 01 30 72-0265	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,022.13	
		For Vinylester Resin, Add	*1,352.57*	
		For Epoxy Resin, Add	*159.41*	
		For Up To >10, Add	*1,235.79*	
		For >10 To 25, Add	*707.79*	
		For >25 To 50, Add	*521.28*	
		For >50 To 100, Add	*260.64*	
		For >500 To 1,000, Deduct	*-103.35*	
		For >1,000 To 2,000, Deduct	*-156.15*	
		For >2,000 To 5,000, Deduct	*-254.34*	
		For >5,000, Deduct	*-422.40*	
33 01 30 72-0266	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,320.94	
		For Vinylester Resin, Add	*1,552.54*	
		For Epoxy Resin, Add	*182.98*	
		For Up To >10, Add	*1,418.05*	
		For >10 To 25, Add	*812.05*	
		For >25 To 50, Add	*598.13*	
		For >50 To 100, Add	*299.06*	
		For >500 To 1,000, Deduct	*-118.62*	
		For >1,000 To 2,000, Deduct	*-179.22*	
		For >2,000 To 5,000, Deduct	*-291.91*	
		For >5,000, Deduct	*-484.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0267	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,619.90	
		For Vinylester Resin, Add	*1,752.51*	
		For Epoxy Resin, Add	*206.55*	
		For Up To >10, Add	*1,600.75*	
		For >10 To 25, Add	*916.70*	
		For >25 To 50, Add	*675.20*	
		For >50 To 100, Add	*337.60*	
		For >500 To 1,000, Deduct	*-133.90*	
		For >1,000 To 2,000, Deduct	*-202.31*	
		For >2,000 To 5,000, Deduct	*-329.51*	
		For >5,000, Deduct	*-547.24*	
33 01 30 72-0268	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,918.86	
		For Vinylester Resin, Add	*1,952.48*	
		For Epoxy Resin, Add	*230.11*	
		For Up To >10, Add	*1,783.43*	
		For >10 To 25, Add	*1,021.32*	
		For >25 To 50, Add	*752.25*	
		For >50 To 100, Add	*376.13*	
		For >500 To 1,000, Deduct	*-149.18*	
		For >1,000 To 2,000, Deduct	*-225.39*	
		For >2,000 To 5,000, Deduct	*-367.11*	
		For >5,000, Deduct	*-609.69*	
33 01 30 72-0269	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,225.02	
		For Vinylester Resin, Add	*2,152.45*	
		For Epoxy Resin, Add	*253.68*	
		For Up To >10, Add	*1,987.74*	
		For >10 To 25, Add	*1,143.96*	
		For >25 To 50, Add	*840.12*	
		For >50 To 100, Add	*420.06*	
		For >500 To 1,000, Deduct	*-165.00*	
		For >1,000 To 2,000, Deduct	*-249.38*	
		For >2,000 To 5,000, Deduct	*-406.51*	
		For >5,000, Deduct	*-675.02*	
33 01 30 72-0270	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,524.69	
		For Vinylester Resin, Add	*2,352.42*	
		For Epoxy Resin, Add	*277.25*	
		For Up To >10, Add	*2,172.57*	
		For >10 To 25, Add	*1,250.38*	
		For >25 To 50, Add	*918.26*	
		For >50 To 100, Add	*459.13*	
		For >500 To 1,000, Deduct	*-180.34*	
		For >1,000 To 2,000, Deduct	*-272.56*	
		For >2,000 To 5,000, Deduct	*-444.29*	
		For >5,000, Deduct	*-737.76*	
33 01 30 72-0271	LF	36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,819.56	
		For Vinylester Resin, Add	*2,552.40*	
		For Epoxy Resin, Add	*300.82*	
		For Up To >10, Add	*2,342.98*	
		For >10 To 25, Add	*1,344.77*	
		For >25 To 50, Add	*989.18*	
		For >50 To 100, Add	*494.59*	
		For >500 To 1,000, Deduct	*-195.31*	
		For >1,000 To 2,000, Deduct	*-295.13*	
		For >2,000 To 5,000, Deduct	*-480.87*	
		For >5,000, Deduct	*-798.57*	
33 01 30 72-0272	LF	36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,123.88	
		For Vinylester Resin, Add	*2,752.37*	
		For Epoxy Resin, Add	*324.39*	
		For Up To >10, Add	*2,541.77*	
		For >10 To 25, Add	*1,462.81*	
		For >25 To 50, Add	*1,074.29*	
		For >50 To 100, Add	*537.14*	
		For >500 To 1,000, Deduct	*-210.99*	
		For >1,000 To 2,000, Deduct	*-318.89*	
		For >2,000 To 5,000, Deduct	*-519.82*	
		For >5,000, Deduct	*-863.16*	
33 01 30 72-0273	LF	36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,423.54	
		For Vinylester Resin, Add	*2,952.33*	
		For Epoxy Resin, Add	*347.95*	
		For Up To >10, Add	*2,726.57*	
		For >10 To 25, Add	*1,569.21*	
		For >25 To 50, Add	*1,152.40*	
		For >50 To 100, Add	*576.20*	
		For >500 To 1,000, Deduct	*-226.33*	
		For >1,000 To 2,000, Deduct	*-342.06*	
		For >2,000 To 5,000, Deduct	*-557.59*	
		For >5,000, Deduct	*-925.89*	
33 01 30 72-0274	LF	36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,723.22	
		For Vinylester Resin, Add	*3,152.31*	
		For Epoxy Resin, Add	*371.52*	
		For Up To >10, Add	*2,911.41*	
		For >10 To 25, Add	*1,675.63*	
		For >25 To 50, Add	*1,230.54*	
		For >50 To 100, Add	*615.27*	
		For >500 To 1,000, Deduct	*-241.66*	
		For >1,000 To 2,000, Deduct	*-365.24*	
		For >2,000 To 5,000, Deduct	*-595.38*	
		For >5,000, Deduct	*-988.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0275	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,022.74	
		For Vinylester Resin, Add	*3,352.28*	
		For Epoxy Resin, Add	*395.09*	
		For Up To >10, Add	*3,095.80*	
		For >10 To 25, Add	*1,781.67*	
		For >25 To 50, Add	*1,308.45*	
		For >50 To 100, Add	*654.22*	
		For >500 To 1,000, Deduct	*-256.98*	
		For >1,000 To 2,000, Deduct	*-388.39*	
		For >2,000 To 5,000, Deduct	*-633.12*	
		For >5,000, Deduct	*-1,051.30*	
33 01 30 72-0276	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,322.39	
		For Vinylester Resin, Add	*3,552.25*	
		For Epoxy Resin, Add	*418.66*	
		For Up To >10, Add	*3,280.57*	
		For >10 To 25, Add	*1,888.04*	
		For >25 To 50, Add	*1,386.55*	
		For >50 To 100, Add	*693.28*	
		For >500 To 1,000, Deduct	*-272.31*	
		For >1,000 To 2,000, Deduct	*-411.57*	
		For >2,000 To 5,000, Deduct	*-670.89*	
		For >5,000, Deduct	*-1,114.03*	

33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0278	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,479.24	
		For Vinylester Resin, Add	*990.26*	
		For Epoxy Resin, Add	*116.71*	
		For Up To >10, Add	*901.07*	
		For >10 To 25, Add	*515.12*	
		For >25 To 50, Add	*379.80*	
		For >50 To 100, Add	*189.90*	
		For >500 To 1,000, Deduct	*-75.58*	
		For >1,000 To 2,000, Deduct	*-114.17*	
		For >2,000 To 5,000, Deduct	*-185.90*	
		For >5,000, Deduct	*-308.76*	
33 01 30 72-0279	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,790.40	
		For Vinylester Resin, Add	*1,198.57*	
		For Epoxy Resin, Add	*141.26*	
		For Up To >10, Add	*1,090.60*	
		For >10 To 25, Add	*623.46*	
		For >25 To 50, Add	*459.69*	
		For >50 To 100, Add	*229.84*	
		For >500 To 1,000, Deduct	*-91.47*	
		For >1,000 To 2,000, Deduct	*-138.19*	
		For >2,000 To 5,000, Deduct	*-225.01*	
		For >5,000, Deduct	*-373.71*	
33 01 30 72-0280	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,101.54	
		For Vinylester Resin, Add	*1,406.87*	
		For Epoxy Resin, Add	*165.81*	
		For Up To >10, Add	*1,280.07*	
		For >10 To 25, Add	*731.76*	
		For >25 To 50, Add	*539.54*	
		For >50 To 100, Add	*269.77*	
		For >500 To 1,000, Deduct	*-107.37*	
		For >1,000 To 2,000, Deduct	*-162.20*	
		For >2,000 To 5,000, Deduct	*-264.11*	
		For >5,000, Deduct	*-438.65*	
33 01 30 72-0281	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,412.69	
		For Vinylester Resin, Add	*1,615.17*	
		For Epoxy Resin, Add	*190.36*	
		For Up To >10, Add	*1,469.60*	
		For >10 To 25, Add	*840.10*	
		For >25 To 50, Add	*619.43*	
		For >50 To 100, Add	*309.71*	
		For >500 To 1,000, Deduct	*-123.27*	
		For >1,000 To 2,000, Deduct	*-186.22*	
		For >2,000 To 5,000, Deduct	*-303.21*	
		For >5,000, Deduct	*-503.60*	
33 01 30 72-0282	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,723.83	
		For Vinylester Resin, Add	*1,823.48*	
		For Epoxy Resin, Add	*214.91*	
		For Up To >10, Add	*1,659.07*	
		For >10 To 25, Add	*948.39*	
		For >25 To 50, Add	*699.28*	
		For >50 To 100, Add	*349.64*	
		For >500 To 1,000, Deduct	*-139.16*	
		For >1,000 To 2,000, Deduct	*-210.23*	
		For >2,000 To 5,000, Deduct	*-342.31*	
		For >5,000, Deduct	*-568.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0283	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,034.98	
		For Vinylester Resin, Add	*2,031.79*	
		For Epoxy Resin, Add	*239.46*	
		For Up To >10, Add	*1,848.57*	
		For >10 To 25, Add	*1,056.71*	
		For >25 To 50, Add	*779.16*	
		For >50 To 100, Add	*389.58*	
		For >500 To 1,000, Deduct	*-155.06*	
		For >1,000 To 2,000, Deduct	*-234.25*	
		For >2,000 To 5,000, Deduct	*-381.41*	
		For >5,000, Deduct	*-633.48*	
33 01 30 72-0284	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,353.47	
		For Vinylester Resin, Add	*2,240.08*	
		For Epoxy Resin, Add	*264.01*	
		For Up To >10, Add	*2,060.11*	
		For >10 To 25, Add	*1,183.41*	
		For >25 To 50, Add	*870.05*	
		For >50 To 100, Add	*435.02*	
		For >500 To 1,000, Deduct	*-171.51*	
		For >1,000 To 2,000, Deduct	*-259.18*	
		For >2,000 To 5,000, Deduct	*-422.35*	
		For >5,000, Deduct	*-701.36*	
33 01 30 72-0285	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,665.31	
		For Vinylester Resin, Add	*2,448.38*	
		For Epoxy Resin, Add	*288.56*	
		For Up To >10, Add	*2,251.71*	
		For >10 To 25, Add	*1,293.47*	
		For >25 To 50, Add	*950.97*	
		For >50 To 100, Add	*475.48*	
		For >500 To 1,000, Deduct	*-187.46*	
		For >1,000 To 2,000, Deduct	*-283.28*	
		For >2,000 To 5,000, Deduct	*-461.63*	
		For >5,000, Deduct	*-766.59*	
33 01 30 72-0286	LF	37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,974.76	
		For Vinylester Resin, Add	*2,656.69*	
		For Epoxy Resin, Add	*313.11*	
		For Up To >10, Add	*2,436.11*	
		For >10 To 25, Add	*1,397.54*	
		For >25 To 50, Add	*1,028.29*	
		For >50 To 100, Add	*514.14*	
		For >500 To 1,000, Deduct	*-203.23*	
		For >1,000 To 2,000, Deduct	*-307.08*	
		For >2,000 To 5,000, Deduct	*-500.30*	
		For >5,000, Deduct	*-830.85*	
33 01 30 72-0287	LF	37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,289.02	
		For Vinylester Resin, Add	*2,865.00*	
		For Epoxy Resin, Add	*337.66*	
		For Up To >10, Add	*2,634.94*	
		For >10 To 25, Add	*1,513.64*	
		For >25 To 50, Add	*1,112.83*	
		For >50 To 100, Add	*556.41*	
		For >500 To 1,000, Deduct	*-219.36*	
		For >1,000 To 2,000, Deduct	*-331.49*	
		For >2,000 To 5,000, Deduct	*-540.18*	
		For >5,000, Deduct	*-897.04*	
33 01 30 72-0288	LF	37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,600.88	
		For Vinylester Resin, Add	*3,073.30*	
		For Epoxy Resin, Add	*362.21*	
		For Up To >10, Add	*2,826.57*	
		For >10 To 25, Add	*1,623.73*	
		For >25 To 50, Add	*1,193.76*	
		For >50 To 100, Add	*596.88*	
		For >500 To 1,000, Deduct	*-235.31*	
		For >1,000 To 2,000, Deduct	*-355.59*	
		For >2,000 To 5,000, Deduct	*-579.46*	
		For >5,000, Deduct	*-962.27*	
33 01 30 72-0289	LF	37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,912.57	
		For Vinylester Resin, Add	*3,281.60*	
		For Epoxy Resin, Add	*386.76*	
		For Up To >10, Add	*3,017.71*	
		For >10 To 25, Add	*1,733.43*	
		For >25 To 50, Add	*1,274.46*	
		For >50 To 100, Add	*637.23*	
		For >500 To 1,000, Deduct	*-251.24*	
		For >1,000 To 2,000, Deduct	*-379.67*	
		For >2,000 To 5,000, Deduct	*-618.70*	
		For >5,000, Deduct	*-1,027.43*	
33 01 30 72-0290	LF	37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,224.43	
		For Vinylester Resin, Add	*3,489.91*	
		For Epoxy Resin, Add	*411.31*	
		For Up To >10, Add	*3,209.34*	
		For >10 To 25, Add	*1,843.52*	
		For >25 To 50, Add	*1,355.39*	
		For >50 To 100, Add	*677.70*	
		For >500 To 1,000, Deduct	*-267.19*	
		For >1,000 To 2,000, Deduct	*-403.77*	
		For >2,000 To 5,000, Deduct	*-657.98*	
		For >5,000, Deduct	*-1,092.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0291	LF	37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,536.28	
		For Vinylester Resin, Add	*3,698.21*	
		For Epoxy Resin, Add	*435.86*	
		For Up To >10, Add	*3,400.94*	
		For >10 To 25, Add	*1,953.59*	
		For >25 To 50, Add	*1,436.31*	
		For >50 To 100, Add	*718.16*	
		For >500 To 1,000, Deduct	*-283.14*	
		For >1,000 To 2,000, Deduct	*-427.88*	
		For >2,000 To 5,000, Deduct	*-697.26*	
		For >5,000, Deduct	*-1,157.88*	

33 01 30 72-0292 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0293	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	1,857.39	
		For Vinylester Resin, Add	*1,244.38*	
		For Epoxy Resin, Add	*146.66*	
		For Up To >10, Add	*1,127.97*	
		For >10 To 25, Add	*643.70*	
		For >25 To 50, Add	*475.10*	
		For >50 To 100, Add	*237.55*	
		For >500 To 1,000, Deduct	*-94.86*	
		For >1,000 To 2,000, Deduct	*-143.29*	
		For >2,000 To 5,000, Deduct	*-233.25*	
		For >5,000, Deduct	*-387.42*	
33 01 30 72-0294	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,180.72	
		For Vinylester Resin, Add	*1,461.01*	
		For Epoxy Resin, Add	*172.19*	
		For Up To >10, Add	*1,324.26*	
		For >10 To 25, Add	*755.69*	
		For >25 To 50, Add	*557.77*	
		For >50 To 100, Add	*278.89*	
		For >500 To 1,000, Deduct	*-111.38*	
		For >1,000 To 2,000, Deduct	*-168.23*	
		For >2,000 To 5,000, Deduct	*-273.85*	
		For >5,000, Deduct	*-454.86*	
33 01 30 72-0295	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,504.05	
		For Vinylester Resin, Add	*1,677.65*	
		For Epoxy Resin, Add	*197.72*	
		For Up To >10, Add	*1,520.55*	
		For >10 To 25, Add	*867.69*	
		For >25 To 50, Add	*640.44*	
		For >50 To 100, Add	*320.22*	
		For >500 To 1,000, Deduct	*-127.89*	
		For >1,000 To 2,000, Deduct	*-193.17*	
		For >2,000 To 5,000, Deduct	*-314.45*	
		For >5,000, Deduct	*-522.29*	
33 01 30 72-0296	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,827.38	
		For Vinylester Resin, Add	*1,894.28*	
		For Epoxy Resin, Add	*223.25*	
		For Up To >10, Add	*1,716.84*	
		For >10 To 25, Add	*979.68*	
		For >25 To 50, Add	*723.11*	
		For >50 To 100, Add	*361.56*	
		For >500 To 1,000, Deduct	*-144.40*	
		For >1,000 To 2,000, Deduct	*-218.12*	
		For >2,000 To 5,000, Deduct	*-355.05*	
		For >5,000, Deduct	*-589.73*	
33 01 30 72-0297	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,150.86	
		For Vinylester Resin, Add	*2,110.92*	
		For Epoxy Resin, Add	*248.79*	
		For Up To >10, Add	*1,913.58*	
		For >10 To 25, Add	*1,092.05*	
		For >25 To 50, Add	*806.01*	
		For >50 To 100, Add	*403.01*	
		For >500 To 1,000, Deduct	*-160.92*	
		For >1,000 To 2,000, Deduct	*-243.08*	
		For >2,000 To 5,000, Deduct	*-395.69*	
		For >5,000, Deduct	*-657.22*	
33 01 30 72-0298	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,481.54	
		For Vinylester Resin, Add	*2,327.56*	
		For Epoxy Resin, Add	*274.32*	
		For Up To >10, Add	*2,131.92*	
		For >10 To 25, Add	*1,222.42*	
		For >25 To 50, Add	*899.71*	
		For >50 To 100, Add	*449.85*	
		For >500 To 1,000, Deduct	*-177.99*	
		For >1,000 To 2,000, Deduct	*-268.94*	
		For >2,000 To 5,000, Deduct	*-438.12*	
		For >5,000, Deduct	*-727.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0299	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,805.58	
		For Vinylester Resin, Add	*2,544.19*	
		For Epoxy Resin, Add	*299.85*	
		For Up To >10, Add	*2,330.34*	
		For >10 To 25, Add	*1,336.19*	
		For >25 To 50, Add	*983.44*	
		For >50 To 100, Add	*491.72*	
		For >500 To 1,000, Deduct	*-194.55*	
		For >1,000 To 2,000, Deduct	*-293.97*	
		For >2,000 To 5,000, Deduct	*-478.90*	
		For >5,000, Deduct	*-795.32*	
33 01 30 72-0300	LF	39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,129.61	
		For Vinylester Resin, Add	*2,760.83*	
		For Epoxy Resin, Add	*325.38*	
		For Up To >10, Add	*2,528.73*	
		For >10 To 25, Add	*1,449.94*	
		For >25 To 50, Add	*1,067.16*	
		For >50 To 100, Add	*533.58*	
		For >500 To 1,000, Deduct	*-211.12*	
		For >1,000 To 2,000, Deduct	*-319.00*	
		For >2,000 To 5,000, Deduct	*-519.68*	
		For >5,000, Deduct	*-863.04*	
33 01 30 72-0301	LF	39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,453.79	
		For Vinylester Resin, Add	*2,977.46*	
		For Epoxy Resin, Add	*350.92*	
		For Up To >10, Add	*2,727.57*	
		For >10 To 25, Add	*1,564.06*	
		For >25 To 50, Add	*1,151.11*	
		For >50 To 100, Add	*575.55*	
		For >500 To 1,000, Deduct	*-227.70*	
		For >1,000 To 2,000, Deduct	*-344.05*	
		For >2,000 To 5,000, Deduct	*-560.49*	
		For >5,000, Deduct	*-930.81*	
33 01 30 72-0302	LF	39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,777.83	
		For Vinylester Resin, Add	*3,194.10*	
		For Epoxy Resin, Add	*376.45*	
		For Up To >10, Add	*2,925.99*	
		For >10 To 25, Add	*1,677.83*	
		For >25 To 50, Add	*1,234.85*	
		For >50 To 100, Add	*617.42*	
		For >500 To 1,000, Deduct	*-244.26*	
		For >1,000 To 2,000, Deduct	*-369.08*	
		For >2,000 To 5,000, Deduct	*-601.27*	
		For >5,000, Deduct	*-998.53*	
33 01 30 72-0303	LF	39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,101.87	
		For Vinylester Resin, Add	*3,410.74*	
		For Epoxy Resin, Add	*401.98*	
		For Up To >10, Add	*3,124.41*	
		For >10 To 25, Add	*1,791.60*	
		For >25 To 50, Add	*1,318.58*	
		For >50 To 100, Add	*659.29*	
		For >500 To 1,000, Deduct	*-260.83*	
		For >1,000 To 2,000, Deduct	*-394.11*	
		For >2,000 To 5,000, Deduct	*-642.05*	
		For >5,000, Deduct	*-1,066.25*	
33 01 30 72-0304	LF	39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,425.90	
		For Vinylester Resin, Add	*3,627.37*	
		For Epoxy Resin, Add	*427.51*	
		For Up To >10, Add	*3,322.80*	
		For >10 To 25, Add	*1,905.34*	
		For >25 To 50, Add	*1,402.30*	
		For >50 To 100, Add	*701.15*	
		For >500 To 1,000, Deduct	*-277.39*	
		For >1,000 To 2,000, Deduct	*-419.14*	
		For >2,000 To 5,000, Deduct	*-682.82*	
		For >5,000, Deduct	*-1,133.97*	
33 01 30 72-0305	LF	39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,749.94	
		For Vinylester Resin, Add	*3,844.01*	
		For Epoxy Resin, Add	*453.04*	
		For Up To >10, Add	*3,521.22*	
		For >10 To 25, Add	*2,019.11*	
		For >25 To 50, Add	*1,486.04*	
		For >50 To 100, Add	*743.02*	
		For >500 To 1,000, Deduct	*-293.96*	
		For >1,000 To 2,000, Deduct	*-444.17*	
		For >2,000 To 5,000, Deduct	*-723.60*	
		For >5,000, Deduct	*-1,201.69*	
33 01 30 72-0306	LF	39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,073.98	
		For Vinylester Resin, Add	*4,060.64*	
		For Epoxy Resin, Add	*478.58*	
		For Up To >10, Add	*3,719.64*	
		For >10 To 25, Add	*2,132.88*	
		For >25 To 50, Add	*1,569.77*	
		For >50 To 100, Add	*784.89*	
		For >500 To 1,000, Deduct	*-310.53*	
		For >1,000 To 2,000, Deduct	*-469.20*	
		For >2,000 To 5,000, Deduct	*-764.38*	
		For >5,000, Deduct	*-1,269.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0307	LF	39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,398.01	
		For Vinylester Resin, Add	*4,277.28*	
		For Epoxy Resin, Add	*504.11*	
		For Up To >10, Add	*3,918.03*	
		For >10 To 25, Add	*2,246.63*	
		For >25 To 50, Add	*1,653.50*	
		For >50 To 100, Add	*826.75*	
		For >500 To 1,000, Deduct	*-327.09*	
		For >1,000 To 2,000, Deduct	*-494.23*	
		For >2,000 To 5,000, Deduct	*-805.15*	
		For >5,000, Deduct	*-1,337.12*	

33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0309	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,259.53	
		For Vinylester Resin, Add	*1,515.00*	
		For Epoxy Resin, Add	*178.55*	
		For Up To >10, Add	*1,367.89*	
		For >10 To 25, Add	*779.20*	
		For >25 To 50, Add	*575.73*	
		For >50 To 100, Add	*287.87*	
		For >500 To 1,000, Deduct	*-115.36*	
		For >1,000 To 2,000, Deduct	*-174.23*	
		For >2,000 To 5,000, Deduct	*-283.53*	
		For >5,000, Deduct	*-470.96*	
33 01 30 72-0310	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,595.04	
		For Vinylester Resin, Add	*1,739.96*	
		For Epoxy Resin, Add	*205.07*	
		For Up To >10, Add	*1,571.00*	
		For >10 To 25, Add	*894.89*	
		For >25 To 50, Add	*661.22*	
		For >50 To 100, Add	*330.61*	
		For >500 To 1,000, Deduct	*-132.49*	
		For >1,000 To 2,000, Deduct	*-200.10*	
		For >2,000 To 5,000, Deduct	*-325.63*	
		For >5,000, Deduct	*-540.89*	
33 01 30 72-0311	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,930.57	
		For Vinylester Resin, Add	*1,964.93*	
		For Epoxy Resin, Add	*231.58*	
		For Up To >10, Add	*1,774.11*	
		For >10 To 25, Add	*1,010.59*	
		For >25 To 50, Add	*746.70*	
		For >50 To 100, Add	*373.35*	
		For >500 To 1,000, Deduct	*-149.62*	
		For >1,000 To 2,000, Deduct	*-225.97*	
		For >2,000 To 5,000, Deduct	*-367.73*	
		For >5,000, Deduct	*-610.82*	
33 01 30 72-0312	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,266.07	
		For Vinylester Resin, Add	*2,189.89*	
		For Epoxy Resin, Add	*258.09*	
		For Up To >10, Add	*1,977.16*	
		For >10 To 25, Add	*1,126.23*	
		For >25 To 50, Add	*832.16*	
		For >50 To 100, Add	*416.08*	
		For >500 To 1,000, Deduct	*-166.74*	
		For >1,000 To 2,000, Deduct	*-251.84*	
		For >2,000 To 5,000, Deduct	*-409.82*	
		For >5,000, Deduct	*-680.74*	
33 01 30 72-0313	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,609.24	
		For Vinylester Resin, Add	*2,414.87*	
		For Epoxy Resin, Add	*284.61*	
		For Up To >10, Add	*2,203.20*	
		For >10 To 25, Add	*1,261.03*	
		For >25 To 50, Add	*929.11*	
		For >50 To 100, Add	*464.55*	
		For >500 To 1,000, Deduct	*-184.45*	
		For >1,000 To 2,000, Deduct	*-278.66*	
		For >2,000 To 5,000, Deduct	*-453.83*	
		For >5,000, Deduct	*-753.73*	
33 01 30 72-0314	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,945.45	
		For Vinylester Resin, Add	*2,639.83*	
		For Epoxy Resin, Add	*311.12*	
		For Up To >10, Add	*2,408.38*	
		For >10 To 25, Add	*1,378.45*	
		For >25 To 50, Add	*1,015.63*	
		For >50 To 100, Add	*507.81*	
		For >500 To 1,000, Deduct	*-201.63*	
		For >1,000 To 2,000, Deduct	*-304.62*	
		For >2,000 To 5,000, Deduct	*-496.11*	
		For >5,000, Deduct	*-823.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0315	LF	40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,281.67	
		For Vinylester Resin, Add	*2,864.80*	
		For Epoxy Resin, Add	*337.64*	
		For Up To >10, Add	*2,613.59*	
		For >10 To 25, Add	*1,495.89*	
		For >25 To 50, Add	*1,102.16*	
		For >50 To 100, Add	*551.08*	
		For >500 To 1,000, Deduct	*-218.81*	
		For >1,000 To 2,000, Deduct	*-330.58*	
		For >2,000 To 5,000, Deduct	*-538.38*	
		For >5,000, Deduct	*-894.15*	
33 01 30 72-0316	LF	40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,617.90	
		For Vinylester Resin, Add	*3,089.77*	
		For Epoxy Resin, Add	*364.15*	
		For Up To >10, Add	*2,818.83*	
		For >10 To 25, Add	*1,613.36*	
		For >25 To 50, Add	*1,188.72*	
		For >50 To 100, Add	*594.36*	
		For >500 To 1,000, Deduct	*-235.99*	
		For >1,000 To 2,000, Deduct	*-356.54*	
		For >2,000 To 5,000, Deduct	*-580.66*	
		For >5,000, Deduct	*-964.37*	
33 01 30 72-0317	LF	40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,954.12	
		For Vinylester Resin, Add	*3,314.74*	
		For Epoxy Resin, Add	*390.67*	
		For Up To >10, Add	*3,024.01*	
		For >10 To 25, Add	*1,730.79*	
		For >25 To 50, Add	*1,275.24*	
		For >50 To 100, Add	*637.62*	
		For >500 To 1,000, Deduct	*-253.18*	
		For >1,000 To 2,000, Deduct	*-382.50*	
		For >2,000 To 5,000, Deduct	*-622.94*	
		For >5,000, Deduct	*-1,034.58*	
33 01 30 72-0318	LF	40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,290.34	
		For Vinylester Resin, Add	*3,539.70*	
		For Epoxy Resin, Add	*417.18*	
		For Up To >10, Add	*3,229.22*	
		For >10 To 25, Add	*1,848.23*	
		For >25 To 50, Add	*1,361.77*	
		For >50 To 100, Add	*680.89*	
		For >500 To 1,000, Deduct	*-270.36*	
		For >1,000 To 2,000, Deduct	*-408.46*	
		For >2,000 To 5,000, Deduct	*-665.21*	
		For >5,000, Deduct	*-1,104.79*	
33 01 30 72-0319	LF	40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,626.57	
		For Vinylester Resin, Add	*3,764.67*	
		For Epoxy Resin, Add	*443.69*	
		For Up To >10, Add	*3,434.46*	
		For >10 To 25, Add	*1,965.70*	
		For >25 To 50, Add	*1,448.33*	
		For >50 To 100, Add	*724.16*	
		For >500 To 1,000, Deduct	*-287.54*	
		For >1,000 To 2,000, Deduct	*-434.42*	
		For >2,000 To 5,000, Deduct	*-707.49*	
		For >5,000, Deduct	*-1,175.01*	
33 01 30 72-0320	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,962.78	
		For Vinylester Resin, Add	*3,989.64*	
		For Epoxy Resin, Add	*470.21*	
		For Up To >10, Add	*3,639.64*	
		For >10 To 25, Add	*2,083.12*	
		For >25 To 50, Add	*1,534.85*	
		For >50 To 100, Add	*767.42*	
		For >500 To 1,000, Deduct	*-304.72*	
		For >1,000 To 2,000, Deduct	*-460.37*	
		For >2,000 To 5,000, Deduct	*-749.76*	
		For >5,000, Deduct	*-1,245.22*	
33 01 30 72-0321	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,299.01	
		For Vinylester Resin, Add	*4,214.61*	
		For Epoxy Resin, Add	*496.72*	
		For Up To >10, Add	*3,844.86*	
		For >10 To 25, Add	*2,200.57*	
		For >25 To 50, Add	*1,621.38*	
		For >50 To 100, Add	*810.69*	
		For >500 To 1,000, Deduct	*-321.90*	
		For >1,000 To 2,000, Deduct	*-486.33*	
		For >2,000 To 5,000, Deduct	*-792.04*	
		For >5,000, Deduct	*-1,315.43*	
33 01 30 72-0322	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,635.24	
		For Vinylester Resin, Add	*4,439.58*	
		For Epoxy Resin, Add	*523.24*	
		For Up To >10, Add	*4,050.10*	
		For >10 To 25, Add	*2,318.04*	
		For >25 To 50, Add	*1,707.94*	
		For >50 To 100, Add	*853.97*	
		For >500 To 1,000, Deduct	*-339.09*	
		For >1,000 To 2,000, Deduct	*-512.29*	
		For >2,000 To 5,000, Deduct	*-834.32*	
		For >5,000, Deduct	*-1,385.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 30 72-0323 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0324	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	2,685.66	
		For Vinylester Resin, Add	*1,802.10*	
		For Epoxy Resin, Add	*212.39*	
		For Up To >10, Add	*1,620.91*	
		For >10 To 25, Add	*921.68*	
		For >25 To 50, Add	*681.73*	
		For >50 To 100, Add	*340.87*	
		For >500 To 1,000, Deduct	*-137.06*	
		For >1,000 To 2,000, Deduct	*-206.99*	
		For >2,000 To 5,000, Deduct	*-336.74*	
		For >5,000, Deduct	*-559.38*	
33 01 30 72-0325	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,033.38	
		For Vinylester Resin, Add	*2,035.41*	
		For Epoxy Resin, Add	*239.89*	
		For Up To >10, Add	*1,830.82*	
		For >10 To 25, Add	*1,041.06*	
		For >25 To 50, Add	*770.02*	
		For >50 To 100, Add	*385.01*	
		For >500 To 1,000, Deduct	*-154.81*	
		For >1,000 To 2,000, Deduct	*-233.79*	
		For >2,000 To 5,000, Deduct	*-380.34*	
		For >5,000, Deduct	*-631.81*	
33 01 30 72-0326	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,381.07	
		For Vinylester Resin, Add	*2,268.71*	
		For Epoxy Resin, Add	*267.38*	
		For Up To >10, Add	*2,040.69*	
		For >10 To 25, Add	*1,160.40*	
		For >25 To 50, Add	*858.29*	
		For >50 To 100, Add	*429.15*	
		For >500 To 1,000, Deduct	*-172.56*	
		For >1,000 To 2,000, Deduct	*-260.58*	
		For >2,000 To 5,000, Deduct	*-423.94*	
		For >5,000, Deduct	*-704.23*	
33 01 30 72-0327	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	3,736.54	
		For Vinylester Resin, Add	*2,502.00*	
		For Epoxy Resin, Add	*294.88*	
		For Up To >10, Add	*2,273.90*	
		For >10 To 25, Add	*1,299.20*	
		For >25 To 50, Add	*958.23*	
		For >50 To 100, Add	*479.12*	
		For >500 To 1,000, Deduct	*-190.88*	
		For >1,000 To 2,000, Deduct	*-288.35*	
		For >2,000 To 5,000, Deduct	*-469.48*	
		For >5,000, Deduct	*-779.76*	
33 01 30 72-0328	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,084.95	
		For Vinylester Resin, Add	*2,735.31*	
		For Epoxy Resin, Add	*322.38*	
		For Up To >10, Add	*2,485.90*	
		For >10 To 25, Add	*1,420.32*	
		For >25 To 50, Add	*1,047.57*	
		For >50 To 100, Add	*523.79*	
		For >500 To 1,000, Deduct	*-208.68*	
		For >1,000 To 2,000, Deduct	*-315.24*	
		For >2,000 To 5,000, Deduct	*-513.25*	
		For >5,000, Deduct	*-852.46*	
33 01 30 72-0329	LF	42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,433.36	
		For Vinylester Resin, Add	*2,968.61*	
		For Epoxy Resin, Add	*349.87*	
		For Up To >10, Add	*2,697.91*	
		For >10 To 25, Add	*1,541.44*	
		For >25 To 50, Add	*1,136.91*	
		For >50 To 100, Add	*568.45*	
		For >500 To 1,000, Deduct	*-226.48*	
		For >1,000 To 2,000, Deduct	*-342.13*	
		For >2,000 To 5,000, Deduct	*-557.03*	
		For >5,000, Deduct	*-925.17*	
33 01 30 72-0330	LF	42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	4,781.76	
		For Vinylester Resin, Add	*3,201.91*	
		For Epoxy Resin, Add	*377.37*	
		For Up To >10, Add	*2,909.91*	
		For >10 To 25, Add	*1,662.56*	
		For >25 To 50, Add	*1,226.25*	
		For >50 To 100, Add	*613.12*	
		For >500 To 1,000, Deduct	*-244.28*	
		For >1,000 To 2,000, Deduct	*-369.01*	
		For >2,000 To 5,000, Deduct	*-600.80*	
		For >5,000, Deduct	*-997.87*	
33 01 30 72-0331	LF	42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,130.18	
		For Vinylester Resin, Add	*3,435.21*	
		For Epoxy Resin, Add	*404.86*	
		For Up To >10, Add	*3,121.94*	
		For >10 To 25, Add	*1,783.71*	
		For >25 To 50, Add	*1,315.60*	
		For >50 To 100, Add	*657.80*	
		For >500 To 1,000, Deduct	*-262.08*	
		For >1,000 To 2,000, Deduct	*-395.90*	
		For >2,000 To 5,000, Deduct	*-644.58*	
		For >5,000, Deduct	*-1,070.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0332	LF	42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,478.58	
		For Vinylester Resin, Add	*3,668.50*	
		For Epoxy Resin, Add	*432.36*	
		For Up To >10, Add	*3,333.94*	
		For >10 To 25, Add	*1,904.83*	
		For >25 To 50, Add	*1,404.93*	
		For >50 To 100, Add	*702.47*	
		For >500 To 1,000, Deduct	*-279.88*	
		For >1,000 To 2,000, Deduct	*-422.79*	
		For >2,000 To 5,000, Deduct	*-688.35*	
		For >5,000, Deduct	*-1,143.29*	
33 01 30 72-0333	LF	42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	5,826.99	
		For Vinylester Resin, Add	*3,901.81*	
		For Epoxy Resin, Add	*459.86*	
		For Up To >10, Add	*3,545.95*	
		For >10 To 25, Add	*2,025.95*	
		For >25 To 50, Add	*1,494.27*	
		For >50 To 100, Add	*747.14*	
		For >500 To 1,000, Deduct	*-297.67*	
		For >1,000 To 2,000, Deduct	*-449.67*	
		For >2,000 To 5,000, Deduct	*-732.13*	
		For >5,000, Deduct	*-1,215.99*	
33 01 30 72-0334	LF	42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,175.41	
		For Vinylester Resin, Add	*4,135.11*	
		For Epoxy Resin, Add	*487.35*	
		For Up To >10, Add	*3,757.98*	
		For >10 To 25, Add	*2,147.10*	
		For >25 To 50, Add	*1,583.63*	
		For >50 To 100, Add	*791.81*	
		For >500 To 1,000, Deduct	*-315.47*	
		For >1,000 To 2,000, Deduct	*-476.56*	
		For >2,000 To 5,000, Deduct	*-775.90*	
		For >5,000, Deduct	*-1,288.70*	
33 01 30 72-0335	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,523.81	
		For Vinylester Resin, Add	*4,368.41*	
		For Epoxy Resin, Add	*514.85*	
		For Up To >10, Add	*3,969.98*	
		For >10 To 25, Add	*2,268.22*	
		For >25 To 50, Add	*1,672.96*	
		For >50 To 100, Add	*836.48*	
		For >500 To 1,000, Deduct	*-333.27*	
		For >1,000 To 2,000, Deduct	*-503.45*	
		For >2,000 To 5,000, Deduct	*-819.68*	
		For >5,000, Deduct	*-1,361.41*	
33 01 30 72-0336	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	6,872.22	
		For Vinylester Resin, Add	*4,601.71*	
		For Epoxy Resin, Add	*542.34*	
		For Up To >10, Add	*4,181.99*	
		For >10 To 25, Add	*2,389.34*	
		For >25 To 50, Add	*1,762.30*	
		For >50 To 100, Add	*881.15*	
		For >500 To 1,000, Deduct	*-351.07*	
		For >1,000 To 2,000, Deduct	*-530.33*	
		For >2,000 To 5,000, Deduct	*-863.45*	
		For >5,000, Deduct	*-1,434.11*	

33 01 30 74 Cured-in-Place Lateral Lining *(33 01 30)*

33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement *(33 01 30 74)*

33 01 30 74-0002 Lateral Reinstatement/Reconnection *(33 01 30 74-0001)*

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic)	568.35
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic)	614.43
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic)	652.83
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic)	691.24
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic)	729.65

33 01 30 74-0008 Grout Lateral Service *(33 01 30 74-0001)*

33 01 30 74-0009 Grout Lateral Service - Bladder *(33 01 30 74-0008)*

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder	590.96
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder	678.77
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder	766.59

33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application *(33 01 30 74-0008)*

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application	644.16
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application	697.37

33 01 30 74-0016 Lateral T-Liner *(33 01 30 74-0001)*

Note: As manufactured by LMK.

33 01 30 74-0017	EA	Up To 4" Lateral T-Liner	809.15
33 01 30 74-0018	EA	6" Lateral T-Liner	907.65
33 01 30 74-0019	EA	8" Lateral T-Liner	1,055.59

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 74-0020		Lining Lateral Pipe *(33 01 30 74-0001)*		
33 01 30 74-0021		Lining Lateral Pipe *(33 01 30 74-0020)*		
33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	44.19	
		For 7.5mm, Add	*5.20*	
		For 9 mm, Add	*10.29*	
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	53.19	
		For 7.5mm, Add	*7.09*	
		For 9 mm, Add	*14.02*	
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP) Trenchless Rehabiliation	70.12	
		For 7.5mm, Add	*10.85*	
		For 9 mm, Add	*21.46*	
33 01 30 74-0025		Lining Manhole Drop *(33 01 30 74-0020)*		
33 01 30 74-0026	EA	Manhole Drop Section Lining	895.45	
33 01 30 79		**Fold-and-Form Pipe Lining** ***(33 01 30)***		
33 01 30 79-0001		Form and Fold Relining Underground Pipelines *(33 01 30 79)* Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 79-0002		Set-Up And Reinsertion For Fold-And-Form Relining Underground Pipelines *(33 01 30 79-0001)*		
33 01 30 79-0003	EA	Initial Set-up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines	5,653.29	
33 01 30 79-0004	EA	Move And Set-up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	2,261.32	
33 01 30 79-0005		Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 79-0001)*		
33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	38.96	
		For DR 26 Pipe Liner, Add	*6.71*	
		For Up To 75, Add	*23.55*	
		For >75 To 150, Add	*11.77*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000 To 2,000, Deduct	*-1.82*	
		For >2,000, Deduct	*-3.64*	
33 01 30 79-0007	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	49.51	
		For DR 26 Pipe Liner, Add	*9.12*	
		For DR 35 Pipe Liner, Deduct	*-4.56*	
		For Up To 75, Add	*26.87*	
		For >75 To 150, Add	*13.43*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000 To 2,000, Deduct	*-1.96*	
		For >2,000, Deduct	*-3.92*	
33 01 30 79-0008	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	51.28	
		For DR 26 Pipe Liner, Add	*9.29*	
		For DR 35 Pipe Liner, Deduct	*-4.64*	
		For Up To 75, Add	*28.64*	
		For >75 To 150, Add	*14.32*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 2,000, Deduct	*-2.12*	
		For >2,000, Deduct	*-4.24*	
33 01 30 79-0009	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	71.12	
		For DR 26 Pipe Liner, Add	*13.93*	
		For DR 35 Pipe Liner, Deduct	*-6.96*	
		For DR 41 Pipe Liner, Deduct	*-13.93*	
		For Up To 75, Add	*34.27*	
		For >75 To 150, Add	*17.14*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-2.31*	
		For >2,000, Deduct	*-4.63*	
33 01 30 79-0010	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	98.49	
		For DR 26 Pipe Liner, Add	*20.38*	
		For DR 35 Pipe Liner, Deduct	*-10.19*	
		For DR 41 Pipe Liner, Deduct	*-20.38*	
		For Up To 75, Add	*41.75*	
		For >75 To 150, Add	*20.87*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000 To 2,000, Deduct	*-2.54*	
		For >2,000, Deduct	*-5.09*	
33 01 30 79-0011	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	134.06	
		For DR 35 Pipe Liner, Deduct	*-14.35*	
		For DR 41 Pipe Liner, Deduct	*-28.70*	
		For Up To 75, Add	*51.88*	
		For >75 To 150, Add	*25.94*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000, Deduct	*-5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0012	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	188.19	
		For DR 41 Pipe Liner, Deduct	*-16.64*	
		For DR 50 Pipe Liner, Deduct	*-33.29*	
		For Up To 75, Add	*65.91*	
		For >75 To 150, Add	*32.96*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000 To 2,000, Deduct	*-3.26*	
		For >2,000, Deduct	*-6.53*	
33 01 30 79-0013	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	212.62	
		For DR 50 Pipe Liner, Deduct	*-28.36*	
		For DR 55 Pipe Liner, Deduct	*-47.27*	
		For Up To 75, Add	*73.15*	
		For >75 To 150, Add	*36.58*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000 To 2,000, Deduct	*-3.53*	
		For >2,000, Deduct	*-7.07*	
33 01 30 79-0014	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	258.63	
		For DR 60 Pipe Liner, Deduct	*-34.94*	
		For Up To 75, Add	*85.12*	
		For >75 To 150, Add	*42.56*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000 To 2,000, Deduct	*-3.85*	
		For >2,000, Deduct	*-7.71*	

33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner *(33 01 30 79-0001)*

33 01 30 79-0016	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	41.49	
		For Up To 75, Add	*24.05*	
		For >75 To 150, Add	*12.03*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000 To 2,000, Deduct	*-1.82*	
		For >2,000, Deduct	*-3.64*	
		For DR 26 Pipe Liner, Add	*7.34*	
33 01 30 79-0017	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	49.51	
		For Up To 75, Add	*26.87*	
		For >75 To 150, Add	*13.43*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000 To 2,000, Deduct	*-1.96*	
		For >2,000, Deduct	*-3.92*	
		For DR 26 Pipe Liner, Add	*9.12*	
		For DR 35 Pipe Liner, Deduct	*-4.56*	
33 01 30 79-0018	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	54.65	
		For Up To 75, Add	*29.31*	
		For >75 To 150, Add	*14.66*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 2,000, Deduct	*-2.12*	
		For >2,000, Deduct	*-4.24*	
		For DR 26 Pipe Liner, Add	*10.13*	
		For DR 35 Pipe Liner, Deduct	*-5.06*	
33 01 30 79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	76.19	
		For Up To 75, Add	*35.28*	
		For >75 To 150, Add	*17.64*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-2.31*	
		For >2,000, Deduct	*-4.63*	
		For DR 26 Pipe Liner, Add	*15.19*	
		For DR 35 Pipe Liner, Deduct	*-7.60*	
		For DR 41 Pipe Liner, Deduct	*-15.19*	
33 01 30 79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	106.09	
		For Up To 75, Add	*43.27*	
		For >75 To 150, Add	*21.63*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000 To 2,000, Deduct	*-2.54*	
		For >2,000, Deduct	*-5.09*	
		For DR 26 Pipe Liner, Add	*22.28*	
		For DR 35 Pipe Liner, Deduct	*-11.14*	
		For DR 41 Pipe Liner, Deduct	*-22.28*	
33 01 30 79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	144.87	
		For Up To 75, Add	*54.04*	
		For >75 To 150, Add	*27.02*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000, Deduct	*-5.78*	
		For DR 35 Pipe Liner, Deduct	*-15.70*	
		For DR 41 Pipe Liner, Deduct	*-31.40*	
33 01 30 79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35	204.05	
		For Up To 75, Add	*69.09*	
		For >75 To 150, Add	*34.54*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000 To 2,000, Deduct	*-3.26*	
		For >2,000, Deduct	*-6.53*	
		For DR 41 Pipe Liner, Deduct	*-18.23*	
		For DR 50 Pipe Liner, Deduct	*-36.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47	230.17	
		For Up To 75, Add	*76.66*	
		For >75 To 150, Add	*38.33*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000 To 2,000, Deduct	*-3.53*	
		For >2,000, Deduct	*-7.07*	
		For DR 50 Pipe Liner, Deduct	*-30.99*	
		For DR 55 Pipe Liner, Deduct	*-51.65*	
33 01 30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55	280.92	
		For Up To 75, Add	*89.58*	
		For >75 To 150, Add	*44.79*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000 To 2,000, Deduct	*-3.85*	
		For >2,000, Deduct	*-7.71*	
		For DR 60 Pipe Liner, Deduct	*-38.28*	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Set-up For Inspection And Ventilation System *(33 01 30 81-0001)*

33 01 30 81-0003	EA	Inspect Manhole	198.96
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	15,666.87
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains	22,173.40

33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*

Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal	601.41
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal	633.90
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal	650.16
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal	747.68
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal	845.22
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal	942.74
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal	1,137.79

33 01 30 81-0015 External Manhole Encapsulation *(33 01 30 81-0006)*

Note: Wrapidseal.

33 01 30 81-0016	EA	24" External Manhole Encapsulation	877.72
33 01 30 81-0017	EA	30" External Manhole Encapsulation	926.48
33 01 30 81-0018	EA	36" External Manhole Encapsulation	991.51
33 01 30 81-0019	EA	42" External Manhole Encapsulation	1,072.77
33 01 30 81-0020	EA	48" External Manhole Encapsulation	1,186.54
33 01 30 81-0021	EA	54" External Manhole Encapsulation	1,316.57
33 01 30 81-0022	EA	60" External Manhole Encapsulation	1,479.12

33 01 30 81-0023 Manhole Crack Repair *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	63.74
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	85.81
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	60.74
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	82.30

33 01 30 81-0028 Manhole Patching *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	18.87
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	42.32

33 01 30 81-0031 Manhole Joint Restoration *(33 01 30 81-0001)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,506.35
		For Grouting Each Additional Manhole Joint Section, Add	*244.54*
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,925.83
		For Grouting Each Additional Manhole Joint Section, Add	*272.80*
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,341.80
		For Grouting Each Additional Manhole Joint Section, Add	*301.05*
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,967.08
		For Grouting Each Additional Manhole Joint Section, Add	*315.18*
33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	4,590.61
		For Grouting Each Additional Manhole Joint Section, Add	*329.31*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0037		Manhole Penetration Sealing *(33 01 30 81-0001)* Note: At new pipe connection to manhole.		
33 01 30 81-0038	EA	6" To 12" Opening, Seal New Pipe Connection To Existing Manhole	496.62	
33 01 30 81-0039	EA	>12" To 22" Opening, Seal New Pipe Connection To Existing Manhole	768.18	
33 01 30 81-0040	EA	>22" To 36" Opening, Seal New Pipe Connection To Existing Manhole	1,055.23	
33 01 30 81-0041		Step Installation In Existing Manholes *(33 01 30 81-0001)* Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0042	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	149.73	26.70
33 01 30 81-0043	EA	Drill And Grout Galvanized Steel Manhole Step	130.16	26.70
33 01 30 81-0044	EA	Bolt On Galvanized Steel Manhole Step	134.79	26.70
33 01 30 81-0045	EA	Drill And Grout Aluminum Manhole Step	159.23	26.70
33 01 30 81-0046	EA	Drill And Insert Polypropylene Manhole Step	79.40	21.36
33 01 30 81-0047		Invert Restoration *(33 01 30 81-0001)* Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0048		Concrete Invert Restoration *(33 01 30 81-0047)*		
33 01 30 81-0049	EA	2' Diameter, Concrete Invert Restoration	390.74	
33 01 30 81-0050	EA	3' Diameter, Concrete Invert Restoration	440.48	
33 01 30 81-0051	EA	4' Diameter, Concrete Invert Restoration	490.22	
33 01 30 81-0052	EA	5' Diameter, Concrete Invert Restoration	539.97	
33 01 30 81-0053	EA	6' Diameter, Concrete Invert Restoration	689.19	
33 01 30 81-0054	SF	Square Or Rectangular, Concrete Invert Restoration	38.98	
33 01 30 81-0055		Brick Invert Restoration *(33 01 30 81-0047)*		
33 01 30 81-0056	EA	2' Diameter, Brick Invert Restoration	628.40	
33 01 30 81-0057	EA	3' Diameter, Brick Invert Restoration	678.14	
33 01 30 81-0058	EA	4' Diameter, Brick Invert Restoration	727.88	
33 01 30 81-0059	EA	5' Diameter, Brick Invert Restoration	777.62	
33 01 30 81-0060	EA	6' Diameter, Brick Invert Restoration	827.36	
33 01 30 81-0061	SF	Square Or Rectangular, Brick Invert Restoration	54.83	
33 01 30 81-0062		Repair In-Kind Of Drainage Structures *(33 01 30 81)* Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
33 01 30 81-0063	VLF	2' Diameter, Repair In-Kind Drainage Structure	853.50	
33 01 30 81-0064	VLF	3' Diameter, Repair In-Kind Drainage Structure	1,280.25	
33 01 30 81-0065	VLF	4' Diameter, Repair In-Kind Drainage Structure	1,707.12	
33 01 30 81-0066	VLF	5' Diameter, Repair In-Kind Drainage Structure	2,133.75	
33 01 30 81-0067	VLF	6' Diameter, Repair In-Kind Drainage Structure	2,560.51	
33 01 30 81-0068	VLF	2' x 2', Repair In-Kind Drainage Structure	1,087.26	
33 01 30 81-0069	VLF	2' x 3', Repair In-Kind Drainage Structure	1,359.08	
33 01 30 81-0070	VLF	2' x 4', Repair In-Kind Drainage Structure	1,630.90	
33 01 30 81-0071	VLF	3' x 4', Repair In-Kind Drainage Structure	1,902.71	
33 01 30 81-0072	VLF	4' x 4', Repair In-Kind Drainage Structure	2,174.53	
33 01 30 81-0073	VLF	4' x 5', Repair In-Kind Drainage Structure	2,446.35	
33 01 30 81-0074	VLF	4' x 6', Repair In-Kind Drainage Structure	2,718.16	
33 01 30 81-0075	VLF	4' x 8', Repair In-Kind Drainage Structure	3,261.79	
33 01 30 81-0076	VLF	>32 GSF, Repair In-Kind Drainage Structure	3,805.43	

33 01 30 82 Epoxy Lining for Concrete Manholes *(33 01 30)*

33 01 30 82-0001		Epoxy Manhole Restoration, Interior *(33 01 30 82)*		
33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	381.15	
		For 80 Mil Material, Add	*44.93*	
		For 100 Mil Material, Add	*89.86*	
		For 125 Mil Material, Add	*140.06*	
		For 150 Mil Material, Add	*190.26*	
		For 200 Mil Material, Add	*274.76*	
		For 2 To 5 Manholes, Deduct	*-27.00*	
		For 6 To 10 Manholes, Deduct	*-44.48*	
		For >10 Manholes, Deduct	*-88.96*	
33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	462.40	
		For 80 Mil Material, Add	*53.76*	
		For 100 Mil Material, Add	*107.53*	
		For 125 Mil Material, Add	*167.44*	
		For 150 Mil Material, Add	*227.36*	
		For 200 Mil Material, Add	*327.78*	
		For 2 To 5 Manholes, Deduct	*-32.83*	
		For 6 To 10 Manholes, Deduct	*-54.11*	
		For >10 Manholes, Deduct	*-108.21*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0004		VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	508.19	
			For 80 Mil Material, Add	*59.90*	
			For 100 Mil Material, Add	*119.80*	
			For 125 Mil Material, Add	*186.73*	
			For 150 Mil Material, Add	*253.67*	
			For 200 Mil Material, Add	*366.33*	
			For 2 To 5 Manholes, Deduct	*-36.01*	
			For 6 To 10 Manholes, Deduct	*-59.31*	
			For >10 Manholes, Deduct	*-118.61*	
33 01 30 82-0005		VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	635.31	
			For 80 Mil Material, Add	*74.90*	
			For 100 Mil Material, Add	*149.80*	
			For 125 Mil Material, Add	*233.50*	
			For 150 Mil Material, Add	*317.19*	
			For 200 Mil Material, Add	*458.09*	
			For 2 To 5 Manholes, Deduct	*-45.01*	
			For 6 To 10 Manholes, Deduct	*-74.14*	
			For >10 Manholes, Deduct	*-148.28*	
33 01 30 82-0006		VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	762.36	
			For 80 Mil Material, Add	*89.88*	
			For 100 Mil Material, Add	*179.75*	
			For 125 Mil Material, Add	*280.18*	
			For 150 Mil Material, Add	*380.60*	
			For 200 Mil Material, Add	*549.66*	
			For 2 To 5 Manholes, Deduct	*-54.01*	
			For 6 To 10 Manholes, Deduct	*-88.97*	
			For >10 Manholes, Deduct	*-177.93*	

33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

33 01 30 83-0001 Manhole Lining *(33 01 30 83)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0003		VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	162.29	
			For Each Additional 1/2" Thick Material, Add	*38.69*	
			For 2 To 5 Manholes, Deduct	*-11.47*	
			For 6 To 10 Manholes, Deduct	*-18.88*	
			For >10 Manholes, Deduct	*-37.76*	
33 01 30 83-0004		VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	188.17	
			For Each Additional 1/2" Thick Material, Add	*45.03*	
			For 2 To 5 Manholes, Deduct	*-13.29*	
			For 6 To 10 Manholes, Deduct	*-21.88*	
			For >10 Manholes, Deduct	*-43.77*	
33 01 30 83-0005		VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	214.04	
			For Each Additional 1/2" Thick Material, Add	*51.36*	
			For 2 To 5 Manholes, Deduct	*-15.12*	
			For 6 To 10 Manholes, Deduct	*-24.88*	
			For >10 Manholes, Deduct	*-49.77*	
33 01 30 83-0006		VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	251.88	
			For Each Additional 1/2" Thick Material, Add	*62.80*	
			For 2 To 5 Manholes, Deduct	*-17.72*	
			For 6 To 10 Manholes, Deduct	*-29.13*	
			For >10 Manholes, Deduct	*-58.27*	
33 01 30 83-0007		VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	275.15	
			For Each Additional 1/2" Thick Material, Add	*72.44*	
			For 2 To 5 Manholes, Deduct	*-19.23*	
			For 6 To 10 Manholes, Deduct	*-31.59*	
			For >10 Manholes, Deduct	*-63.17*	

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0009		VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	339.98	
			For 80 Mil Material, Add	*31.21*	
			For 100 Mil Material, Add	*62.41*	
			For 125 Mil Material, Add	*95.46*	
			For 150 Mil Material, Add	*128.50*	
			For 200 Mil Material, Add	*178.70*	
			For 2 To 5 Manholes, Deduct	*-24.95*	
			For 6 To 10 Manholes, Deduct	*-41.39*	
			For >10 Manholes, Deduct	*-82.79*	
33 01 30 83-0010		VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	414.30	
			For 80 Mil Material, Add	*37.73*	
			For 100 Mil Material, Add	*75.46*	
			For 125 Mil Material, Add	*115.34*	
			For 150 Mil Material, Add	*155.21*	
			For 200 Mil Material, Add	*215.54*	
			For 2 To 5 Manholes, Deduct	*-30.43*	
			For 6 To 10 Manholes, Deduct	*-50.50*	
			For >10 Manholes, Deduct	*-101.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	453.30	
		For 80 Mil Material, Add	*41.61*	
		For 100 Mil Material, Add	*83.21*	
		For 125 Mil Material, Add	*127.27*	
		For 150 Mil Material, Add	*171.33*	
		For 200 Mil Material, Add	*238.26*	
		For 2 To 5 Manholes, Deduct	*-33.26*	
		For 6 To 10 Manholes, Deduct	*-55.19*	
		For >10 Manholes, Deduct	*-110.38*	
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	566.62	
		For 80 Mil Material, Add	*52.01*	
		For 100 Mil Material, Add	*104.01*	
		For 125 Mil Material, Add	*159.08*	
		For 150 Mil Material, Add	*214.16*	
		For 200 Mil Material, Add	*297.81*	
		For 2 To 5 Manholes, Deduct	*-41.58*	
		For 6 To 10 Manholes, Deduct	*-68.99*	
		For >10 Manholes, Deduct	*-137.97*	
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	679.95	
		For 80 Mil Material, Add	*62.41*	
		For 100 Mil Material, Add	*124.81*	
		For 125 Mil Material, Add	*190.90*	
		For 150 Mil Material, Add	*256.99*	
		For 200 Mil Material, Add	*357.38*	
		For 2 To 5 Manholes, Deduct	*-49.89*	
		For 6 To 10 Manholes, Deduct	*-82.79*	
		For >10 Manholes, Deduct	*-165.57*	

33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	587.37	
		For 2 To 5 Manholes, Deduct	*-34.14*	
		For 6 To 10 Manholes, Deduct	*-53.59*	
		For >10 Manholes, Deduct	*-107.19*	
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	719.31	
		For 2 To 5 Manholes, Deduct	*-41.80*	
		For 6 To 10 Manholes, Deduct	*-65.61*	
		For >10 Manholes, Deduct	*-131.22*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	847.62	
		For 2 To 5 Manholes, Deduct	*-48.74*	
		For 6 To 10 Manholes, Deduct	*-76.29*	
		For >10 Manholes, Deduct	*-152.58*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,062.98	
		For 2 To 5 Manholes, Deduct	*-61.10*	
		For 6 To 10 Manholes, Deduct	*-95.62*	
		For >10 Manholes, Deduct	*-191.25*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,278.34	
		For 2 To 5 Manholes, Deduct	*-73.46*	
		For 6 To 10 Manholes, Deduct	*-114.96*	
		For >10 Manholes, Deduct	*-229.91*	

33 01 30 86 Manhole Rim Adjustment *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

Note: Excludes asphalt See CSI section 02 41 13 13-0038 for breakup and removal of pavement, 02 41 19 13-0059 for sawcutting pavement if required, 32 12 16 13-0022 for hand placed hot mix asphalt.

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	585.51	
		For Lowering Manhole Rim, Add	*103.15*	
		Note: Includes digging under manhole rim		
33 01 30 86-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	651.80	
		For Lowering Manhole Rim, Add	*109.67*	
		Note: Includes digging under manhole rim		
33 01 30 86-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	713.13	
		For Lowering Manhole Rim, Add	*116.60*	
		Note: Includes digging under manhole rim		
33 01 30 86-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	781.89	
		For Lowering Manhole Rim, Add	*123.94*	
		Note: Includes digging under manhole rim		
33 01 30 86-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	840.72	
		For Lowering Manhole Rim, Add	*132.10*	
		Note: Includes digging under manhole rim		

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

33 01 30 86-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	685.31	
		For Lowering Manhole Rim, Add	*108.45*	
		Note: Includes digging under manhole rim		
33 01 30 86-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	743.54	
		For Lowering Manhole Rim, Add	*115.38*	
		Note: Includes digging under manhole rim		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 86-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	815.41	
		For Lowering Manhole Rim, Add	*122.72*	
		Note: Includes digging under manhole rim		
33 01 30 86-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	886.64	
		For Lowering Manhole Rim, Add	*130.87*	
		Note: Includes digging under manhole rim		
33 01 30 86-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	954.78	
		For Lowering Manhole Rim, Add	*139.03*	
		Note: Includes digging under manhole rim		
33 01 30 86-0014		>6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*		
33 01 30 86-0015	EA	>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	963.84	
33 01 30 86-0016	EA	7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,044.36	
33 01 30 86-0017	EA	7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,126.10	
33 01 30 86-0018	EA	8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,194.81	
33 01 30 86-0019	EA	9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,293.90	
33 01 30 86-0020	EA	10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,384.93	
33 01 30 86-0021	EA	11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,476.56	
33 01 30 86-0022	EA	12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,570.66	
33 01 30 86-0023		>12" Rise, Solid Manhole Risers *(33 01 30 86)*		
33 01 30 86-0024		Precast Concrete Manhole Riser *(33 01 30 86-0023)*		
33 01 30 86-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	119.35	
33 01 30 86-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	142.90	
33 01 30 86-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	200.53	
33 01 30 86-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	406.57	
33 01 30 86-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	595.96	
33 01 30 89		**By-Pass Piping and Pumping of Water and Sewer Utilities** *(33 01 30)*		
33 01 30 89-0001		Set-Up For By-Pass Pumping Unit *(33 01 30 89)*		
		Note: Excludes pump and hose rental. See CSI section 01 22 23 00-1153 for pump rental, 01 22 23 00-1196 for suction hose, 01 22 23 00-1215 for discharge hose.		
33 01 30 89-0002	EA	Set-up For By-Pass Pumping Unit	2,085.02	
33 01 30 89-0003	EA	Move And Set-up At Different Access/Location For By-Pass Pumping Unit	1,042.51	
33 01 30 89-0004		By-Pass Pumping *(33 01 30 89)*		
		Note: Excludes pump rental. See CSI section 01 22 23 00-1153 for pump rental.		
33 01 30 89-0005	DAY	Maintain And Operate By-Pass Pumping Unit	521.26	
33 01 30 89-0006	WK	Maintain And Operate By-Pass Pumping Unit	2,606.28	
33 01 30 89-0007	MO	Maintain And Operate By-Pass Pumping Unit	10,946.37	
33 01 30 89-0008		Temporary Bypass And Service Lines *(33 01 30 89)*		
		Note: Laid on ground, includes fittings and connections. Remove after use.		
33 01 30 89-0009		Temporary Water Service Lines *(33 01 30 89-0008)*		
		Note: Laid on ground, includes fittings, connection to building water service, and chlorination prior to each use. Remove after use.		
33 01 30 89-0010	LF	1/2" Temporary Service Hose With Fittings	3.02	
		Note: Includes removal after use.		
33 01 30 89-0011	LF	3/4" Temporary Service Hose With Fittings	3.83	
		Note: Includes removal after use.		
33 01 30 89-0012	LF	1" Temporary Service Hose With Fittings	4.44	
		Note: Includes removal after use.		
33 01 30 89-0013	LF	1-1/2" Temporary Service Hose With Fittings	5.30	
		Note: Includes removal after use.		
33 01 30 89-0014	LF	2" Temporary Service Hose With Fittings	6.52	
		Note: Includes removal after use.		
33 01 30 89-0015	EA	Temporary Service Valve Assembly At Fire Hydrant	334.36	
		Note: Includes removal after use.		
33 01 30 89-0016		Temporary Bypass Water Main Lines *(33 01 30 89-0008)*		
		Note: Laid on ground, includes fittings, connections to mains and chlorination prior to each use. Remove after use.		
33 01 30 89-0017	LF	2" Temporary Bypass Water Main Pipe With Fittings	6.97	
		Note: Includes removal after use.		
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.55*	
33 01 30 89-0018	LF	4" Temporary Bypass Water Main Pipe With Fittings	11.45	
		Note: Includes removal after use.		
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000 To 5,000, Deduct	*-1.19*	
		For >5,000, Deduct	*-1.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 89-0019	LF	6" Temporary Bypass Water Main Pipe With Fittings Note: Includes removal after use.	16.49	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-2.32*	
33 01 30 89-0020	LF	8" Temporary Bypass Water Main Pipe With Fittings Note: Includes removal after use.	20.86	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000 To 5,000, Deduct	*-1.67*	
		For >5,000, Deduct	*-2.79*	

33 01 30 89-0021 Piping Protection For Temporary Water Line *(33 01 30 89-0008)*

33 01 30 89-0022	LF	Cold Mix For Temporary Pipe Note: Install along each side of pipe edge. Unit of measure "LF" is for length of pipe and includes both sides of pipe.	3.74	

33 01 30 89-0023 Drill Meter Cover For Temporary Water Line *(33 01 30 89-0008)*

33 01 30 89-0024	EA	Drill Meter Cover For Temporary Bypass Pipe	19.71	

33 01 30 89-0025 Temporary By-Pass Plug *(33 01 30 89)*

33 01 30 89-0026	EA	8" To 16" Temporary By-Pass Plug	834.65	
33 01 30 89-0027	EA	12" To 24" Temporary By-Pass Plug	1,309.60	
33 01 30 89-0028	EA	15" To 30" Temporary By-Pass Plug	2,156.19	
33 01 30 89-0029	EA	20" To 40" Temporary By-Pass Plug	2,646.13	
33 01 30 89-0030	EA	24" To 28" Temporary By-Pass Plug	3,559.93	

33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems *(33 01)*

33 01 34 13 Septic Tank Solids Removal *(33 01 34)*

33 01 34 13-0001 Pump Out Septic Tanks *(33 01 34 13)*

33 01 34 13-0002	GAL	Pump Out Septic Tank And Dispose	0.73	

33 01 40 Operation and Maintenance of Stormwater Utilities *(33 01)*

33 01 40 00-0001 Solid Wall High-Density Polyethylene (HDPE) Culvert Slip-Lining System *(33 01 40)*

Note: Snap-Tite slip-lining system. Excludes culvert cleaning and grouting. See CSI section 33 01 30 41-0024 for culvert cleaning.

33 01 40 00-0002	LF	6.625" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	38.16	
		For Profile Wall (Corrugated), Deduct	*-6.43*	
33 01 40 00-0003	LF	8.625" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	57.86	
		For Profile Wall (Corrugated), Deduct	*-10.06*	
33 01 40 00-0004	LF	10.75" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	53.43	
		For Profile Wall (Corrugated), Deduct	*-8.93*	
33 01 40 00-0005	LF	12.75" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	71.01	
		For Profile Wall (Corrugated), Deduct	*-12.06*	
33 01 40 00-0006	LF	14" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	80.75	
		For Profile Wall (Corrugated), Deduct	*-13.51*	
33 01 40 00-0007	LF	16" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	98.22	
		For Profile Wall (Corrugated), Deduct	*-16.83*	
33 01 40 00-0008	LF	18" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	123.50	
		For Profile Wall (Corrugated), Deduct	*-21.18*	
33 01 40 00-0009	LF	20" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	152.24	
		For Profile Wall (Corrugated), Deduct	*-26.42*	
33 01 40 00-0010	LF	22" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	175.87	
		For Profile Wall (Corrugated), Deduct	*-30.65*	
33 01 40 00-0011	LF	24" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	201.62	
		For Profile Wall (Corrugated), Deduct	*-35.29*	
33 01 40 00-0012	LF	26" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	230.60	
		For Profile Wall (Corrugated), Deduct	*-40.59*	
33 01 40 00-0013	LF	28" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	260.62	
		For Profile Wall (Corrugated), Deduct	*-46.09*	
33 01 40 00-0014	LF	30" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	302.94	
		For Profile Wall (Corrugated), Deduct	*-54.05*	
33 01 40 00-0015	LF	32" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	347.38	
		For Profile Wall (Corrugated), Deduct	*-62.43*	
33 01 40 00-0016	LF	34" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	384.50	
		For Profile Wall (Corrugated), Deduct	*-69.36*	
33 01 40 00-0017	LF	36" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	421.64	
		For Profile Wall (Corrugated), Deduct	*-76.28*	
33 01 40 00-0018	LF	39.37" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	483.50	
		For Profile Wall (Corrugated), Deduct	*-88.15*	
33 01 40 00-0019	LF	42" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	545.35	
		For Profile Wall (Corrugated), Deduct	*-100.02*	
33 01 40 00-0020	LF	48" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	706.51	
		For Profile Wall (Corrugated), Deduct	*-131.75*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 40 00-0021		LF	54" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	865.59	
			For Profile Wall (Corrugated), Deduct	*-163.06*	
33 01 40 00-0022		LF	57" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	960.38	
			For Profile Wall (Corrugated), Deduct	*-181.51*	
33 01 40 00-0023		LF	60" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,054.27	
			For Profile Wall (Corrugated), Deduct	*-199.79*	
33 01 40 00-0024		LF	63" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,149.97	
			For Profile Wall (Corrugated), Deduct	*-218.43*	
33 01 40 00-0025		LF	66" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,292.66	
			For Profile Wall (Corrugated), Deduct	*-246.21*	
33 01 40 00-0026		LF	72" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,372.03	
			For Profile Wall (Corrugated), Deduct	*-261.08*	
33 01 40 00-0027		LF	78" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,457.86	
			For Profile Wall (Corrugated), Deduct	*-276.99*	
33 01 40 00-0028		LF	84" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,582.91	
			For Profile Wall (Corrugated), Deduct	*-300.99*	
33 01 40 00-0029		LF	90" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,618.73	
			For Profile Wall (Corrugated), Deduct	*-307.15*	
33 01 40 00-0030		LF	96" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner DR 32.5	1,638.40	
			For Profile Wall (Corrugated), Deduct	*-309.83*	
33 01 40 00-0031		LF	16.5 x 23" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	203.42	
			For Profile Wall (Corrugated), Deduct	*-35.60*	
33 01 40 00-0032		LF	17" x 26" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	227.21	
			For Profile Wall (Corrugated), Deduct	*-39.42*	
33 01 40 00-0033		LF	18" x 29" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	250.84	
33 01 40 00-0034		LF	19" x 32" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	290.02	
			For Profile Wall (Corrugated), Deduct	*-50.65*	
33 01 40 00-0035		LF	21" x 33.5" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	318.25	
			For Profile Wall (Corrugated), Deduct	*-55.62*	
33 01 40 00-0036		LF	22.5 x 36" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	357.60	
			For Profile Wall (Corrugated), Deduct	*-62.82*	
33 01 40 00-0037		LF	26" x 37" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	399.15	
			For Profile Wall (Corrugated), Deduct	*-70.47*	
33 01 40 00-0038		LF	30" x 41" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	479.35	
			For Profile Wall (Corrugated), Deduct	*-85.17*	
33 01 40 00-0039		LF	31" x 46" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	539.75	
33 01 40 00-0040		LF	34" x 48.5" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	598.98	
			For Profile Wall (Corrugated), Deduct	*-107.76*	
33 01 40 00-0041		LF	39" x 55.5" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	745.86	
			For Profile Wall (Corrugated), Deduct	*-136.46*	
33 01 40 00-0042		LF	43" x 63" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	899.22	
			For Profile Wall (Corrugated), Deduct	*-166.47*	
33 01 40 00-0043		LF	48" x 75" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	1,158.04	
			For Profile Wall (Corrugated), Deduct	*-218.23*	
33 01 40 00-0044		LF	52" x 72.5" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	1,168.07	
			For Profile Wall (Corrugated), Deduct	*-218.23*	
33 01 40 00-0045		LF	58" x 67.5" Outside Diameter High-Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	1,168.07	
			For Profile Wall (Corrugated), Deduct	*-218.23*	

33 01 40 00-0046 Pumped Grouting For Slip-Lining Systems *(33 01 40)*

Note: Includes all materials, embedded piping, forms, labor and pumping equipment necessary to place and install grout.

33 01 40 00-0047		CY	Flowable Fill Grout, For Pipe Relines	654.65	

33 01 70 Operation and Maintenance of Electrical Utilities *(33 01)*

33 01 70 51 Electrical Utility Visual Inspection *(33 01 70)*

33 01 70 51-0001 Video Camera Inspection Of Gas Piping and Electrical Duct *(33 01 70 51)*

33 01 70 51-0002 Set-up For Video Camera *(33 01 70 51-0001)*

33 01 70 51-0003		EA	Up To 12" Diameter, Initial Set-up For Video Inspection, Gas Pipe Or Electrical Duct	299.28	
33 01 70 51-0004		EA	Initial Set-up And Final Equipment Removal For >12" To 48" Diameter, Video Inspection, Gas Pipe	336.69	
33 01 70 51-0005		EA	Move And Set-up For Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	74.82	
33 01 70 51-0006		EA	Move And Set-up For >12" To 48" Diameter, Video Inspection, Gas Pipe	112.23	

33 01 70 51-0007 Video Camera Inspection Of Gas Pipe Or Electrical Duct *(33 01 70 51-0001)*

33 01 70 51-0008		LF	Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	1.15	
			For >1,000 To 5,000, Deduct	*-0.06*	
			For >5,000, Deduct	*-0.12*	
33 01 70 51-0009		LF	>12" To 48" Diameter, Video Inspection, Gas Pipe	1.78	
			For >1,000 To 5,000, Deduct	*-0.09*	
			For >5,000, Deduct	*-0.18*	

33 01 70 72 Cured-in-Place Conduit Lining *(33 01 70)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0001		Lining Conduit With Cured In-Place (CIP) Liner *(33 01 70 72)* Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.		
33 01 70 72-0002		2mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*		
33 01 70 72-0003	LF	1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	8.28	
		For Up To >10, Add	*15.44*	
		For >10 To 25, Add	*12.24*	
		For >25 To 50, Add	*7.53*	
		For >50 To 100, Add	*3.77*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000 To 2,000, Deduct	*-0.85*	
		For >2,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-2.56*	
33 01 70 72-0004	LF	2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	10.17	
		For Up To >10, Add	*17.81*	
		For >10 To 25, Add	*14.00*	
		For >25 To 50, Add	*8.65*	
		For >50 To 100, Add	*4.33*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000 To 2,000, Deduct	*-1.02*	
		For >2,000 To 5,000, Deduct	*-1.88*	
		For >5,000, Deduct	*-3.05*	
33 01 70 72-0005	LF	2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	12.76	
		For Up To >10, Add	*22.28*	
		For >10 To 25, Add	*17.50*	
		For >25 To 50, Add	*10.82*	
		For >50 To 100, Add	*5.41*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000 To 2,000, Deduct	*-1.28*	
		For >2,000 To 5,000, Deduct	*-2.36*	
		For >5,000, Deduct	*-3.82*	
33 01 70 72-0006	LF	3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	15.08	
		For Up To >10, Add	*25.92*	
		For >10 To 25, Add	*20.31*	
		For >25 To 50, Add	*12.57*	
		For >50 To 100, Add	*6.29*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.50*	
		For >2,000 To 5,000, Deduct	*-2.77*	
		For >5,000, Deduct	*-4.49*	
33 01 70 72-0007	LF	3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	16.96	
		For Up To >10, Add	*28.26*	
		For >10 To 25, Add	*22.04*	
		For >25 To 50, Add	*13.68*	
		For >50 To 100, Add	*6.84*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000 To 2,000, Deduct	*-1.67*	
		For >2,000 To 5,000, Deduct	*-3.06*	
		For >5,000, Deduct	*-4.97*	
33 01 70 72-0008	LF	4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	19.13	
		For Up To >10, Add	*31.47*	
		For >10 To 25, Add	*24.49*	
		For >25 To 50, Add	*15.21*	
		For >50 To 100, Add	*7.61*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000 To 2,000, Deduct	*-1.87*	
		For >2,000 To 5,000, Deduct	*-3.43*	
		For >5,000, Deduct	*-5.58*	
33 01 70 72-0009	LF	5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	22.63	
		For Up To >10, Add	*35.34*	
		For >10 To 25, Add	*27.28*	
		For >25 To 50, Add	*17.02*	
		For >50 To 100, Add	*8.51*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 2,000, Deduct	*-2.18*	
		For >2,000 To 5,000, Deduct	*-3.96*	
		For >5,000, Deduct	*-6.45*	
33 01 70 72-0010	LF	6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	26.12	
		For Up To >10, Add	*39.21*	
		For >10 To 25, Add	*30.07*	
		For >25 To 50, Add	*18.82*	
		For >50 To 100, Add	*9.41*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,000, Deduct	*-2.48*	
		For >2,000 To 5,000, Deduct	*-4.49*	
		For >5,000, Deduct	*-7.32*	
33 01 70 72-0011		3mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0012	LF	1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	10.28	
		For Up To >10, Add	*17.14*	
		For >10 To 25, Add	*13.37*	
		For >25 To 50, Add	*8.30*	
		For >50 To 100, Add	*4.15*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000 To 2,000, Deduct	*-1.01*	
		For >2,000 To 5,000, Deduct	*-1.86*	
		For >5,000, Deduct	*-3.02*	
33 01 70 72-0013	LF	2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	13.41	
		For Up To >10, Add	*21.56*	
		For >10 To 25, Add	*16.72*	
		For >25 To 50, Add	*10.40*	
		For >50 To 100, Add	*5.20*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.30*	
		For >2,000 To 5,000, Deduct	*-2.38*	
		For >5,000, Deduct	*-3.87*	
33 01 70 72-0014	LF	2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	16.51	
		For Up To >10, Add	*25.91*	
		For >10 To 25, Add	*20.01*	
		For >25 To 50, Add	*12.48*	
		For >50 To 100, Add	*6.24*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000 To 2,000, Deduct	*-1.59*	
		For >2,000 To 5,000, Deduct	*-2.90*	
		For >5,000, Deduct	*-4.71*	
33 01 70 72-0015	LF	3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	19.34	
		For Up To >10, Add	*29.45*	
		For >10 To 25, Add	*22.63*	
		For >25 To 50, Add	*14.15*	
		For >50 To 100, Add	*7.08*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-1.85*	
		For >2,000 To 5,000, Deduct	*-3.35*	
		For >5,000, Deduct	*-5.45*	
33 01 70 72-0016	LF	3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	22.04	
		For Up To >10, Add	*32.57*	
		For >10 To 25, Add	*24.91*	
		For >25 To 50, Add	*15.61*	
		For >50 To 100, Add	*7.81*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000 To 2,000, Deduct	*-2.08*	
		For >2,000 To 5,000, Deduct	*-3.77*	
		For >5,000, Deduct	*-6.13*	
33 01 70 72-0017	LF	4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	24.87	
		For Up To >10, Add	*36.11*	
		For >10 To 25, Add	*27.53*	
		For >25 To 50, Add	*17.29*	
		For >50 To 100, Add	*8.64*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000 To 2,000, Deduct	*-2.34*	
		For >2,000 To 5,000, Deduct	*-4.22*	
		For >5,000, Deduct	*-6.87*	
33 01 70 72-0018	LF	5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	30.40	
		For Up To >10, Add	*42.78*	
		For >10 To 25, Add	*32.42*	
		For >25 To 50, Add	*20.42*	
		For >50 To 100, Add	*10.21*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000 To 2,000, Deduct	*-2.83*	
		For >2,000 To 5,000, Deduct	*-5.08*	
		For >5,000, Deduct	*-8.29*	
33 01 70 72-0019	LF	6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	35.49	
		For Up To >10, Add	*48.12*	
		For >10 To 25, Add	*36.21*	
		For >25 To 50, Add	*22.89*	
		For >50 To 100, Add	*11.45*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-3.27*	
		For >2,000 To 5,000, Deduct	*-5.84*	
		For >5,000, Deduct	*-9.53*	

33 05 Common Work Results for Utilities *(33)*

33 05 05 Buried Piping Installation *(33 05)*

33 05 05 43 Mandrel Testing *(33 05 05)*

33 05 05 43-0001 Pipe Line Deflection Testing (Mandrel) On Existing Pipe *(33 05 05 43)*

33 05 05 43-0002	EA	Initial Set-up And Final Equipment Removal For Deflection Testing (Mandrel)	668.72	
33 05 05 43-0003	EA	Move And Set-up At Different Access/Location For Deflection Testing (Mandrel)	334.36	
33 05 05 43-0004	LF	Up To 4" Diameter Pipe Line Deflection Testing (Mandrel)	1.05	
		For >100 To 200, Deduct	*-0.06*	
		For >200 To 400, Deduct	*-0.10*	
		For >400, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 05 43-0005	LF	6" Diameter Pipe Line Deflection Testing (Mandrel)	1.58	
		For >100 To 200, Deduct	*-0.07*	
		For >200 To 400, Deduct	*-0.13*	
		For >400, Deduct	*-0.21*	
33 05 05 43-0006	LF	8" Diameter Pipe Line Deflection Testing (Mandrel)	1.88	
		For >100 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.16*	
		For >400, Deduct	*-0.24*	
33 05 05 43-0007	LF	10" Diameter Pipe Line Deflection Testing (Mandrel)	2.21	
		For >100 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.18*	
		For >400, Deduct	*-0.28*	
33 05 05 43-0008	LF	12" Diameter Pipe Line Deflection Testing (Mandrel)	2.47	
		For >100 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.19*	
		For >400, Deduct	*-0.31*	
33 05 05 43-0009	LF	>12" To 15" Diameter Pipe Line Deflection Testing (Mandrel)	2.60	
		For >100 To 200, Deduct	*-0.11*	
		For >200 To 400, Deduct	*-0.21*	
		For >400, Deduct	*-0.33*	
33 05 05 43-0010	LF	>15" To 24" Diameter Pipe Line Deflection Testing (Mandrel)	2.75	
		For >100 To 200, Deduct	*-0.13*	
		For >200 To 400, Deduct	*-0.23*	
		For >400, Deduct	*-0.37*	
33 05 05 43-0011	LF	>24" To 30" Diameter Pipe Line Deflection Testing (Mandrel)	3.03	
		For >100 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.27*	
		For >400, Deduct	*-0.43*	
33 05 05 43-0012	LF	>30" To 42" Diameter Pipe Line Deflection Testing (Mandrel)	3.59	
		For >100 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.35*	
		For >400, Deduct	*-0.55*	
33 05 05 43-0013	LF	>42" To 48" Diameter Pipe Line Deflection Testing (Mandrel)	4.79	
		For >100 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.52*	
		For >400, Deduct	*-0.82*	
33 05 05 43-0014	LF	>48" To 60" Diameter Pipe Line Deflection Testing (Mandrel)	6.09	
		For >100 To 200, Deduct	*-0.38*	
		For >200 To 400, Deduct	*-0.70*	
		For >400, Deduct	*-1.10*	

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits, 33 05 07 24-0001 for casing pipe.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	30.97
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	37.38
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	51.26
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	66.21
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	114.01
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	166.32
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	199.85
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	238.75
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	413.10
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	508.18
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	626.80
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	716.13
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	883.96
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	952.49
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	1,035.87
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	1,086.00
33 05 07 13-0018	EA	Minimum Set-up Charge For 8" To 20" Horizontal Augering Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,755.50
33 05 07 13-0019	EA	Minimum Set-up Charge For >20" To 36" Horizontal Augering Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,272.18
33 05 07 13-0020	EA	Minimum Set-up Charge For >36" Horizontal Augering Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,021.28

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits, 33 05 07 24-0001 for casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	15.85
		For Horizontal Boring Through Rock, Add	*11.10*
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	23.78
		For Horizontal Boring Through Rock, Add	*16.65*
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	33.03
		For Horizontal Boring Through Rock, Add	*23.12*
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	40.95
		For Horizontal Boring Through Rock, Add	*28.67*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0026		LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	48.88	
			For Horizontal Boring Through Rock, Add	*34.22*	
33 05 07 13-0027		LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	56.81	
			For Horizontal Boring Through Rock, Add	*39.77*	
33 05 07 13-0028		LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	66.06	
			For Horizontal Boring Through Rock, Add	*46.24*	
33 05 07 13-0029		LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	80.48	
			For Horizontal Boring Through Rock, Add	*56.34*	
33 05 07 13-0030		LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	87.18	
			For Horizontal Boring Through Rock, Add	*61.03*	
33 05 07 13-0031		LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	93.89	
			For Horizontal Boring Through Rock, Add	*65.72*	
33 05 07 13-0032		LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	194.49	
			For Horizontal Boring Through Rock, Add	*136.14*	
33 05 07 13-0033		LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	300.22	
			For Horizontal Boring Through Rock, Add	*210.15*	
33 05 07 13-0034		LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	457.65	
			For Horizontal Boring Through Rock, Add	*320.36*	
33 05 07 13-0035		LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	732.25	
			For Horizontal Boring Through Rock, Add	*512.58*	
33 05 07 13-0036		EA	Minimum Set-up Charge For Up To 6" Horizontal Directional Boring Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,906.36	
33 05 07 13-0037		EA	Minimum Set-up Charge For >6" To 18" Horizontal Directional Boring Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,755.50	
33 05 07 13-0038		EA	Minimum Set-up Charge For >18" To 36" Horizontal Directional Boring Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,272.18	

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits.

33 05 07 23-0002		LF	Up To 2" Diameter Horizontal Jacking	73.14	
			For Horizontal Jacking Through Rock, Add	*33.92*	
33 05 07 23-0003		LF	3" Diameter Horizontal Jacking	87.66	
			For Horizontal Jacking Through Rock, Add	*40.94*	
33 05 07 23-0004		LF	4" Diameter Horizontal Jacking	118.35	
			For Horizontal Jacking Through Rock, Add	*56.15*	
33 05 07 23-0005		LF	6" Diameter Horizontal Jacking	152.97	
			For Horizontal Jacking Through Rock, Add	*72.53*	
33 05 07 23-0006		LF	8" Diameter Horizontal Jacking	207.09	
			For Horizontal Jacking Through Rock, Add	*99.42*	
33 05 07 23-0007		LF	10" Diameter Horizontal Jacking	303.68	
			For Horizontal Jacking Through Rock, Add	*145.05*	
33 05 07 23-0008		LF	12" Diameter Horizontal Jacking	365.66	
			For Horizontal Jacking Through Rock, Add	*174.30*	
33 05 07 23-0009		LF	16" Diameter Horizontal Jacking	436.56	
			For Horizontal Jacking Through Rock, Add	*208.22*	
33 05 07 23-0010		LF	20" Diameter Horizontal Jacking	675.65	
			For Horizontal Jacking Through Rock, Add	*361.45*	
33 05 07 23-0011		LF	24" Diameter Horizontal Jacking	1,140.38	
			For Horizontal Jacking Through Rock, Add	*405.65*	
33 05 07 23-0012		LF	30" Diameter Horizontal Jacking	1,321.31	
			For Horizontal Jacking Through Rock, Add	*500.89*	
33 05 07 23-0013		LF	36" Diameter Horizontal Jacking	1,491.23	
			For Horizontal Jacking Through Rock, Add	*572.72*	
33 05 07 23-0014		LF	42" Diameter Horizontal Jacking	1,601.46	
			For Horizontal Jacking Through Rock, Add	*618.47*	
33 05 07 23-0015		LF	48" Diameter Horizontal Jacking	1,737.21	
			For Horizontal Jacking Through Rock, Add	*666.39*	
33 05 07 23-0016		LF	54" Diameter Horizontal Jacking	1,854.75	
			For Horizontal Jacking Through Rock, Add	*725.25*	
33 05 07 23-0017		EA	Minimum Set-up Charge For Up To 6" Horizontal Jacking Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,906.36	
33 05 07 23-0018		EA	Minimum Set-up Charge For >6" To 20" Horizontal Jacking Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,755.50	
33 05 07 23-0019		EA	Minimum Set-up Charge For >20" To 36" Horizontal Jacking Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,272.18	
33 05 07 23-0020		EA	Minimum Set-up Charge For >36" Horizontal Jacking Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,021.28	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	22.66	
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	24.00	
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	25.95	
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	27.94	
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	35.53	
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	40.25	
33 05 07 24-0009	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	44.97	
33 05 07 24-0010		Polyethylene Pipe *(33 05 07 24-0001)* Note: Includes detectable tracer wire.		
33 05 07 24-0011	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.09	
33 05 07 24-0012	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.69	
33 05 07 24-0013	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.27	
33 05 07 24-0014	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.76	
33 05 07 24-0015	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.31	
33 05 07 24-0016	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.87	
33 05 07 24-0017	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.45	
33 05 07 24-0018	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.44	
33 05 07 24-0019	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.65	
33 05 07 24-0020	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	13.86	
33 05 07 24-0021	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	18.02	
33 05 07 24-0022	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	24.44	

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0587 for mechanical restraints, 33 14 13 13-0622 for flanged restraints, 33 14 13 13-1207 for slip-on restraints, 33 14 13 13-1223 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 27 Corrugated Metal Utility Pipe *(33 05)*

33 05 27 13 Corrugated Metal Culvert Pipe *(33 05 27)*

See CSI section 33 42 11 00-0533 for corrugated metal culvert pipe.

33 05 27 23 Corrugated Metal Slotted Pipe *(33 05 27)*

See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.

33 05 27 33 Corrugated Metal Culvert Arch Pipe *(33 05 27)*

See CSI section 33 42 11 00-0877 for corrugated metal culvert arch pipe.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*

See CSI section 33 14 13 23-0171 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe *(33 05 33)*

See CSI section 33 42 11 00-0274 for corrugated-wall smooth interior HDPE gravity pipe.

33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) *(33 05 33)*

See CSI section 33 14 13 23-0426 for AWWA C906 high-density polyethylene pipe.

33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 42 11 00-0296 for corrugated perforated HDPE drainage pipe.

33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.

33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*

Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	3.95	
		For Up To 250, Add	*0.13*	
		For >250 To 500, Add	*0.08*	
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.43	
		For Up To 250, Add	*0.15*	
		For >250 To 500, Add	*0.10*	
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.79	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.26	
		For Up To 250, Add	*0.21*	
		For >250 To 500, Add	*0.14*	
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	7.09	
		For Up To 250, Add	*0.44*	
		For >250 To 500, Add	*0.29*	
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	8.99	
		For Up To 250, Add	*0.67*	
		For >250 To 500, Add	*0.45*	
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.04	
		For Up To 250, Add	*0.14*	
		For >250 To 500, Add	*0.09*	
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.59	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.92	
		For Up To 250, Add	*0.20*	
		For >250 To 500, Add	*0.13*	
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.60	
		For Up To 250, Add	*0.26*	
		For >250 To 500, Add	*0.17*	
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	7.84	
		For Up To 250, Add	*0.55*	
		For >250 To 500, Add	*0.37*	
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	9.93	
		For Up To 250, Add	*0.81*	
		For >250 To 500, Add	*0.54*	

33 05 39 Concrete Pipe *(33 05)*

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*

See CSI section 33 42 11 00-0094 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 39 46 Reinforced Concrete Elliptical Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0019 for reinforced concrete elliptical pipe.

33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0400 for vitrified clay piping.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover.
See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,820.04	339.76
		For Bitumastic Coating, Add	*82.02*	
		For Epoxy Coating, Add	*156.73*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,483.48	488.01
		For Bitumastic Coating, Add	*123.03*	
		For Epoxy Coating, Add	*235.10*	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	3,356.93	741.27
		For Bitumastic Coating, Add	*164.04*	
		For Epoxy Coating, Add	*313.46*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	356.42	86.48
		For Bitumastic Coating, Add	*20.50*	
		For Epoxy Coating, Add	*39.18*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	383.33	86.48
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	607.29	86.48
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	487.02	86.48
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	691.86	86.48

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,790.91	389.17
		For Bitumastic Coating, Add	*82.02*	
		For Epoxy Coating, Add	*156.73*	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	3,723.98	531.25
		For Bitumastic Coating, Add	*123.03*	
		For Epoxy Coating, Add	*235.10*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	4,905.15	803.06
		For Bitumastic Coating, Add	*164.04*	
		For Epoxy Coating, Add	*313.46*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	523.66	101.92
		For Bitumastic Coating, Add	*20.50*	
		For Epoxy Coating, Add	*39.18*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	571.03	101.92
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	965.20	101.92
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	753.53	101.92
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	1,114.08	101.92

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	5,275.38	432.41
		For Bitumastic Coating, Add	*105.68*	
		For Epoxy Coating, Add	*252.67*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	7,024.08	593.02
		For Bitumastic Coating, Add	*158.51*	
		For Epoxy Coating, Add	*379.00*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	9,047.79	889.54
		For Bitumastic Coating, Add	*211.35*	
		For Epoxy Coating, Add	*505.33*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	938.08	111.19
		For Bitumastic Coating, Add	*26.42*	
		For Epoxy Coating, Add	*63.17*	

33 05 61 00-0026 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	7,089.46	481.83
		For Bitumastic Coating, Add	*120.98*	
		For Epoxy Coating, Add	*295.81*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	9,230.35	654.79
		For Bitumastic Coating, Add	*181.48*	
		For Epoxy Coating, Add	*443.71*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	11,679.12	988.37
		For Bitumastic Coating, Add	*241.97*	
		For Epoxy Coating, Add	*591.61*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,140.74	123.54
		For Bitumastic Coating, Add	*30.25*	
		For Epoxy Coating, Add	*73.95*	

33 05 61 00-0031 7' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	11,202.25	531.25
		For Bitumastic Coating, Add	*257.28*	
		For Epoxy Coating, Add	*516.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	14,481.95	724.60
		For Bitumastic Coating, Add	*385.91*	
		For Epoxy Coating, Add	*775.35*	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	18,100.16	1,087.21
		For Bitumastic Coating, Add	*514.55*	
		For Epoxy Coating, Add	*1,033.80*	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,718.31	135.90
		For Bitumastic Coating, Add	*64.32*	
		For Epoxy Coating, Add	*129.22*	

33 05 61 00-0036 8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	16,229.56	611.55
		For Bitumastic Coating, Add	*304.16*	
		For Epoxy Coating, Add	*630.05*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	21,039.34	833.94
		For Bitumastic Coating, Add	*456.23*	
		For Epoxy Coating, Add	*945.08*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	26,238.30	1,250.90
		For Bitumastic Coating, Add	*608.31*	
		For Epoxy Coating, Add	*1,260.11*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	2,491.38	154.43
		For Bitumastic Coating, Add	*76.04*	
		For Epoxy Coating, Add	*157.51*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,851.29
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,020.20
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,282.17
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,563.10
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,415.58
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,809.70
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,205.09
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,299.60
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,299.60
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,746.29
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,431.59
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,052.24
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,798.24
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,780.85

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,243.02
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,509.41
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,770.75
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,009.28
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,387.95
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,002.40
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,489.18
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,988.44
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,462.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,168.25	
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,207.54	
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,924.73	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,091.60	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,201.57	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,349.31	
33 05 63 00-0034		8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,627.26	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,990.47	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,736.34	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,211.56	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,578.90	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,167.37	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,755.84	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,626.21	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,590.30	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,982.28	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	12,797.20	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,383.61	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	20,623.60	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,642.27	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,160.59	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,845.55	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,934.23	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,742.26	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,525.01	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,904.33	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	5,297.32	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	6,655.52	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	8,248.75	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	11,409.95	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	5,923.47	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	8,248.75	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	10,632.37	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	13,264.07	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	18,883.28	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)* Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0072		**Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	402.64	28.29
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	344.39	62.83
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	525.96	94.25
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	612.66	94.25
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	584.01	94.25
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	709.06	94.25
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	690.19	94.25
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	943.40	94.25
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,340.64	125.67
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,885.57	125.67
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,212.13	172.79
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,382.78	172.79
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,270.53	172.79
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,294.07	188.50
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,853.05	188.50
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,310.17	188.50
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,391.34	188.50
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,853.10	281.04
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,694.40	281.04
33 05 63 00-0092		**Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	515.91	28.29
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	660.86	94.25
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	800.43	94.25
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	737.96	94.25
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	844.83	94.25
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	872.86	94.25
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,127.64	94.25
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,499.00	172.79
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,669.65	172.79
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,557.43	172.79
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,188.33	281.04
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,036.03	281.04
33 05 63 00-0105		**Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0070)*		
33 05 63 00-0106		**Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	661.67	28.29
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	559.15	28.29
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	450.30	94.25
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	510.79	94.25
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	154.19	28.29
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.92	28.29
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	388.72	28.29
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	406.73	28.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.11	62.83
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	365.73	62.83
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	236.24	28.29
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	269.98	28.29
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	362.86	62.83
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	409.30	62.83
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	379.24	62.83
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	453.11	94.25
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	498.66	94.25
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	532.54	94.25
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	583.55	94.25
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	685.29	94.25
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	747.00	94.25
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	814.53	94.25
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	856.99	94.25
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,020.54	125.67
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,027.27	172.79
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,323.02	172.79
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,596.11	172.79
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,768.57	172.79
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,940.12	172.79
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,181.32	281.04
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,576.73	281.04
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,795.77	281.04
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,214.62	281.04
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,210.32	281.04
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,366.67	281.04
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,667.35	281.04
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,447.08	301.11
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,659.37	301.11
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,930.40	301.11
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,038.85	301.11
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,076.55	301.11
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,489.52	301.11
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,687.51	301.11
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,557.68	301.11
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,007.10	321.18
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,953.88	321.18
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,364.87	321.18
33 05 63 00-0154		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	607.35	94.25
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	697.09	94.25
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	261.75	28.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	378.92	28.29
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	508.44	28.29
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	526.47	28.29
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	456.04	62.83
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	475.26	62.83
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	500.96	62.83
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	353.52	28.29
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	418.02	28.29
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	500.34	62.83
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	546.78	62.83
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	518.18	62.83
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	606.49	94.25
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	652.60	94.25
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	715.56	94.25
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	766.25	94.25
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	867.69	94.25
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	929.67	94.25
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	996.91	94.25
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,039.67	94.25
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,272.88	125.67
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,314.16	172.79
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,609.57	172.79
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,882.36	172.79
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,054.55	172.79
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,226.66	172.79
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,908.80	281.04
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,128.16	281.04
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,546.69	281.04

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	557.20	94.25
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	649.43	94.25
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	193.19	28.29
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.72	28.29
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	458.34	28.29
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	476.70	28.29
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	423.06	62.83
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	476.51	62.83
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	278.75	28.29
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	449.32	62.83
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	515.91	62.83
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	466.63	62.83
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	599.42	94.25
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	690.46	94.25
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	720.73	94.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	792.82	94.25
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	859.13	94.25
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	921.74	94.25
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,033.84	94.25
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,049.47	94.25
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,292.44	125.67
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,339.51	172.79
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,665.75	172.79
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,988.40	172.79
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,202.70	172.79
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,417.00	172.79
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,580.59	281.04
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,976.03	281.04
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,212.16	281.04
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,630.72	281.04
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,815.34	281.04
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,873.15	281.04
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,434.01	281.04
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,181.02	301.11
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,290.71	301.11
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,601.87	301.11
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,837.38	301.11
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,522.59	301.11
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,364.84	301.11
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,784.82	301.11
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,162.73	301.11
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,046.59	321.18
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,993.75	321.18
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,095.66	321.18

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	714.23	94.25
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	836.09	94.25
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	299.88	28.29
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	457.45	28.29
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	577.81	28.29
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	596.41	28.29
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	560.54	62.83
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	613.66	62.83
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	431.21	28.29
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	586.18	62.83
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	652.77	62.83
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	566.33	62.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	753.42	94.25
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	844.46	94.25
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	903.41	94.25
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	975.52	94.25
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,041.81	94.25
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,104.44	94.25
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,216.57	94.25
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,232.14	94.25
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,544.46	125.67
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,626.38	172.79
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,952.33	172.79
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,274.62	172.79
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,489.08	172.79
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,703.55	172.79
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,308.40	281.04
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,544.85	281.04
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,963.11	281.04

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	595.49	94.25
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	402.26	62.83
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	453.60	62.83
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	528.85	94.25
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	419.08	62.83
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	468.25	62.83

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)*

Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	433.27	94.25
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	486.77	94.25
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	557.44	125.67
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	609.97	125.67
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	720.92	172.79
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,265.11	281.04
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,207.68	281.04
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,220.21	281.04
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,653.56	301.11
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,639.81	321.18
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,474.11	321.18
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	714.02	94.25
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	746.70	94.25
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	796.92	125.67
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	850.02	125.67
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	983.59	172.79
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,578.87	281.04
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	554.23	94.25
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	618.70	94.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	813.43	172.79
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,592.07	301.11
33 05 63 00-0290		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)*		
33 05 63 00-0291		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.91	12.58
33 05 63 00-0293	EA	10" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	157.97	12.58
33 05 63 00-0294	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	146.19	12.58
33 05 63 00-0295	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	158.37	12.58
33 05 63 00-0296	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	159.94	12.57
33 05 63 00-0297	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	183.93	12.57
33 05 63 00-0298	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	213.60	12.57
33 05 63 00-0299	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,410.93	36.13
33 05 63 00-0300	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,233.97	36.13
33 05 63 00-0301	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,850.34	36.13
33 05 63 00-0302	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,871.35	36.13
33 05 63 00-0303	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,120.75	36.13
33 05 63 00-0304	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,311.25	36.13
33 05 63 00-0305	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,717.71	36.13
33 05 63 00-0306	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	133.10	12.57
33 05 63 00-0307	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	192.00	12.57
33 05 63 00-0308	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	194.73	12.57
33 05 63 00-0309	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	245.77	12.57
33 05 63 00-0310	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	184.68	12.57
33 05 63 00-0311	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	291.29	12.57
33 05 63 00-0312	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	228.06	12.57
33 05 63 00-0313	EA	27" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	471.18	12.57
33 05 63 00-0314	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	411.01	18.85
33 05 63 00-0315	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	516.24	18.85
33 05 63 00-0316	EA	39" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	665.90	21.99
33 05 63 00-0317	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	934.91	28.11
33 05 63 00-0318	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	970.93	53.53
33 05 63 00-0319	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	248.83	12.57
33 05 63 00-0320	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	356.07	12.57
33 05 63 00-0321	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	405.57	12.57
33 05 63 00-0322	EA	27" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	676.35	12.57
33 05 63 00-0323	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	555.66	18.85
33 05 63 00-0324	EA	39" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	941.43	21.99
33 05 63 00-0325	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,233.37	28.11
33 05 63 00-0326	EA	30" x 59", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,664.63	36.13
33 05 63 00-0327	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,479.23	36.13
33 05 63 00-0328	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,068.81	36.13
33 05 63 00-0329	EA	48" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,695.84	36.13
33 05 63 00-0330	EA	36" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,581.46	36.13
33 05 63 00-0331	EA	48" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,921.91	36.13
33 05 63 00-0332	EA	48" x 96", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	6,061.40	36.13
33 05 63 00-0333	EA	11" x 18", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	328.28	12.57
33 05 63 00-0334	EA	11" x 20", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	359.26	12.57
33 05 63 00-0335	EA	13" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	473.99	12.57
33 05 63 00-0336	EA	17" x 30", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	540.58	12.57
33 05 63 00-0337	EA	27" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	936.55	12.57
33 05 63 00-0338	EA	24" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	678.28	18.85
33 05 63 00-0339	EA	24" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	928.97	18.85
33 05 63 00-0340	EA	39" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,442.03	21.99
33 05 63 00-0341	EA	36" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,648.84	28.11
33 05 63 00-0342	EA	30" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,714.81	53.53
33 05 63 00-0343	EA	30" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,983.84	36.13
33 05 63 00-0344	EA	36" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,772.12	36.13
33 05 63 00-0345	EA	48" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,880.89	36.13
33 05 63 00-0346	EA	36" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,462.44	36.13
33 05 63 00-0347	EA	48" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	5,742.22	36.13
33 05 63 00-0348	EA	48" x 96", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	8,866.70	36.13
33 05 63 00-0349		Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*		
33 05 63 00-0350	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	179.50	12.58
33 05 63 00-0351	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	189.87	12.58
33 05 63 00-0352	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	193.24	12.57
33 05 63 00-0353	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	194.51	12.57
33 05 63 00-0354	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	224.92	12.57
33 05 63 00-0355	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	142.66	12.57
33 05 63 00-0356	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	201.80	12.57
33 05 63 00-0357	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	203.69	12.57
33 05 63 00-0358	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	255.87	12.57
33 05 63 00-0359	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	195.68	12.57
33 05 63 00-0360	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	239.68	12.57
33 05 63 00-0361	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	301.99	12.57

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0362	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	418.19	18.85
33 05 63 00-0363	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	527.26	18.85
33 05 63 00-0364	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	982.25	53.53
33 05 63 00-0365	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	118.35	12.58
33 05 63 00-0366	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	186.62	12.58
33 05 63 00-0367	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	207.90	12.58
33 05 63 00-0368	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	198.45	12.58
33 05 63 00-0369	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	162.99	12.57
33 05 63 00-0370	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	258.61	12.57
33 05 63 00-0371	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	280.71	12.57
33 05 63 00-0372	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	366.46	12.57
33 05 63 00-0373	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	416.86	12.57
33 05 63 00-0374	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	565.76	18.85
33 05 63 00-0375	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	707.47	18.85
33 05 63 00-0376	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,295.36	53.53

33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 63 00-0290)*

33 05 63 00-0378	EA	6" x 9", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	94.87	12.58
33 05 63 00-0379	EA	7" x 13", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	113.23	12.58
33 05 63 00-0380	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	137.96	12.58
33 05 63 00-0381	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	148.95	12.58
33 05 63 00-0382	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	148.64	12.57
33 05 63 00-0383	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	176.80	12.57
33 05 63 00-0384	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	204.48	12.57
33 05 63 00-0385	EA	24" x 36", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	498.20	18.85
33 05 63 00-0386	EA	30" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	929.72	53.53
33 05 63 00-0387	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,395.47	36.13
33 05 63 00-0388	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,216.51	36.13
33 05 63 00-0389	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,821.61	36.13
33 05 63 00-0390	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,757.62	36.13
33 05 63 00-0391	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,104.07	36.13
33 05 63 00-0392	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,249.61	36.13
33 05 63 00-0393	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,599.27	36.13
33 05 63 00-0394	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	127.87	12.57
33 05 63 00-0395	EA	10" x 16", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	124.81	12.57
33 05 63 00-0396	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	185.39	12.57
33 05 63 00-0397	EA	11" x 21", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	203.94	12.57
33 05 63 00-0398	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	231.12	12.57
33 05 63 00-0399	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	175.21	12.57
33 05 63 00-0400	EA	18" x 19", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	195.68	12.57
33 05 63 00-0401	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	278.46	12.57
33 05 63 00-0402	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	402.70	18.85
33 05 63 00-0403	EA	20" x 42", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	503.92	18.85
33 05 63 00-0404	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.90	18.85
33 05 63 00-0405	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	897.33	28.11
33 05 63 00-0406	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	929.72	32.11

33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0408	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,453.12	36.13
33 05 63 00-0409	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,106.21	36.13
33 05 63 00-0410	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,218.97	53.53
33 05 63 00-0411	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,617.65	53.53
33 05 63 00-0412	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,727.35	36.13
33 05 63 00-0413	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,355.90	36.13

33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0415	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	565.95	18.85
33 05 63 00-0416	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,052.54	28.11
33 05 63 00-0417	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,100.18	53.53
33 05 63 00-0418	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	89.76	12.58
33 05 63 00-0419	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	149.93	12.58
33 05 63 00-0420	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	165.14	12.58
33 05 63 00-0421	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	175.22	12.58
33 05 63 00-0422	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	153.52	12.57
33 05 63 00-0423	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	271.74	12.57
33 05 63 00-0424	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	759.24	18.85
33 05 63 00-0425	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,401.13	28.11
33 05 63 00-0426	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,467.99	53.53

33 05 63 00-0427 Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,083.27	261.84
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,852.71	392.77
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*112.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	2,214.16	523.69
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*199.13*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	2,313.72	523.69
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*252.38*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,694.17	654.61
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*304.54*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,859.20	654.61
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*333.00*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	3,283.36	785.53
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*389.64*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	3,760.46	916.45
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*539.61*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	3,774.31	785.53
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*578.96*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	3,816.54	785.53
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*408.76*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	812.87	261.84
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	967.25	294.57
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	1,210.54	327.30
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0041 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	89.79	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	70.21	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	99.29	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	3,525.84	106.25
		For Ductile Iron Castings, Add	*2,243.23*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	1,876.74	106.25
		For Ductile Iron Castings, Add	*1,088.86*	
33 05 81 00-0010	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	2,169.15	123.54
		For Ductile Iron Castings, Add	*1,258.95*	
33 05 81 00-0011	EA	24" Square, Gray Iron, Manhole Cover With Frame	3,536.73	137.14
		For Ductile Iron Castings, Add	*2,187.44*	
33 05 81 00-0012	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	2,925.57	148.25
		For Ductile Iron Castings, Add	*1,735.33*	
33 05 81 00-0013	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	3,054.08	154.43
		For Ductile Iron Castings, Add	*1,813.56*	

33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0015	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,887.87	87.72
		For Ductile Iron Castings, Add	*2,477.10*	
33 05 81 00-0016	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,928.21	87.72
		For Ductile Iron Castings, Add	*2,485.22*	
33 05 81 00-0017	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,985.54	102.55
		For Ductile Iron Castings, Add	*2,501.60*	
33 05 81 00-0018	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,780.24	114.90
		For Ductile Iron Castings, Add	*3,033.60*	
33 05 81 00-0019	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	5,579.30	117.37
		For Ductile Iron Castings, Add	*3,581.21*	
33 05 81 00-0020	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	5,886.48	119.84
		For Ductile Iron Castings, Add	*3,791.99*	
33 05 81 00-0021	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	6,161.06	123.54
		For Ductile Iron Castings, Add	*3,979.79*	

33 05 81 00-0022 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0023	EA	12" Square Aluminum Manhole Cover With Frame	1,232.66	32.19
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame	2,266.33	35.64
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame	3,256.10	41.38

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0026			Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)* Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
	33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame	495.34	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

33 05 83 00-0001 Manhole Accessories *(33 05 83)*

33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*
See CSI section 33 01 30 81-0041 for installation of steps in existing manholes.

33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	53.58	
33 05 83 00-0004		Rainguard Inflow Protectors *(33 05 83)*		
33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	156.18	26.70
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	180.39	26.70
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	215.69	32.03
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	230.99	32.03
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	286.44	37.38
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	305.22	37.38

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001 Manhole Accessories *(33 05 84)*

33 05 84 00-0002 Precast Concrete Manhole Tops *(33 05 84 00-0001)*

33 05 84 00-0003 Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*

33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	667.33	92.66
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	928.75	100.07
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,252.20	107.49
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,497.28	114.90
33 05 84 00-0008	EA	7' Diameter x 8" Thick Precast Manhole Top Slab	2,271.85	123.54
33 05 84 00-0009	EA	8' Diameter x 10" Thick Precast Manhole Top Slab	3,028.07	132.81
33 05 84 00-0010	EA	10' Diameter x 12" Thick Precast Manhole Top Slab	5,145.67	142.08
33 05 84 00-0011	EA	12' Diameter x 12" Thick Precast Manhole Top Slab	7,294.74	152.89
33 05 84 00-0012		Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*		
33 05 84 00-0013	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	1,056.67	115.83
33 05 84 00-0014	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,174.08	120.46
33 05 84 00-0015	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,291.53	125.09
33 05 84 00-0016	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,520.19	132.81
33 05 84 00-0017	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,755.05	142.08
33 05 84 00-0018	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,769.70	151.34
33 05 84 00-0019	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,474.90	166.78
33 05 84 00-0020		Precast Concrete Manhole Reducer Slabs *(33 05 84 00-0002)*		
33 05 84 00-0021	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,374.50	107.49
33 05 84 00-0022	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,765.94	114.90
33 05 84 00-0023	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	2,325.04	114.90
33 05 84 00-0024	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	3,668.38	114.90
33 05 84 00-0025	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	4,713.47	114.90
33 05 84 00-0026	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	6,817.98	114.90
33 05 84 00-0027		Pipe To Manhole Connector *(33 05 84 00-0001)*		
33 05 84 00-0028		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0027)*		
33 05 84 00-0029	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	91.47	
33 05 84 00-0030	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	135.15	
33 05 84 00-0031	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	152.36	
33 05 84 00-0032	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	231.20	
33 05 84 00-0033	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	323.40	
33 05 84 00-0034	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	427.77	
33 05 84 00-0035	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	772.20	
33 05 84 00-0036	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,072.80	
33 05 84 00-0037	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,694.20	
33 05 84 00-0038	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,994.26	
33 05 84 00-0039		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0027)* Note: Fernco CMA.		
33 05 84 00-0040	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	124.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0041	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	173.27	
33 05 84 00-0042	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	218.87	
33 05 84 00-0043	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	264.26	
33 05 84 00-0044	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	306.61	
33 05 84 00-0045		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0027)*		
33 05 84 00-0046	EA	Seal Gap Between Pipe And Structure With Brick And Grout	277.21	
33 05 84 00-0047		Inverts For Manholes *(33 05 84 00-0001)*		
33 05 84 00-0048	EA	Single Channel Concrete Invert For Manholes	445.83	
33 05 84 00-0049	EA	Double Channel Concrete Invert For Manholes	643.81	
33 05 84 00-0050	EA	Triple Channel Concrete Invert For Manholes	866.80	
33 05 84 00-0051	EA	Quad Channel Concrete Invert For Manholes	1,089.74	
33 05 84 00-0052	EA	Single Channel Brick Invert For Manholes	651.47	
33 05 84 00-0053	EA	Double Channel Brick Invert For Manholes	975.36	
33 05 84 00-0054	EA	Triple Channel Brick Invert For Manholes	1,304.84	
33 05 84 00-0055	EA	Quad Channel Brick Invert For Manholes	1,630.52	
33 05 84 00-0056		Protective Coating For New Manholes *(33 05 84 00-0001)*		
33 05 84 00-0057		Polyurethane Protective Coating For New Manholes *(33 05 84 00-0056)*		
33 05 84 00-0058	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	222.20	
		For 80 Mil Material, Add		*33.01*
		For 100 Mil Material, Add		*66.01*
		For 125 Mil Material, Add		*104.29*
		For 150 Mil Material, Add		*142.57*
		For 200 Mil Material, Add		*211.18*
		For 2 To 5 Manholes, Deduct		*-15.08*
		For 6 To 10 Manholes, Deduct		*-24.61*
		For >10 Manholes, Deduct		*-49.22*
33 05 84 00-0059	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	268.14	
		For 80 Mil Material, Add		*39.19*
		For 100 Mil Material, Add		*78.39*
		For 125 Mil Material, Add		*123.74*
		For 150 Mil Material, Add		*169.09*
		For 200 Mil Material, Add		*250.07*
		For 2 To 5 Manholes, Deduct		*-18.26*
		For 6 To 10 Manholes, Deduct		*-29.82*
		For >10 Manholes, Deduct		*-59.65*
33 05 84 00-0060	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	296.27	
		For 80 Mil Material, Add		*44.01*
		For 100 Mil Material, Add		*88.02*
		For 125 Mil Material, Add		*139.05*
		For 150 Mil Material, Add		*190.09*
		For 200 Mil Material, Add		*281.57*
		For 2 To 5 Manholes, Deduct		*-20.11*
		For 6 To 10 Manholes, Deduct		*-32.82*
		For >10 Manholes, Deduct		*-65.63*
33 05 84 00-0061	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	370.41	
		For 80 Mil Material, Add		*55.03*
		For 100 Mil Material, Add		*110.07*
		For 125 Mil Material, Add		*173.90*
		For 150 Mil Material, Add		*237.72*
		For 200 Mil Material, Add		*352.13*
		For 2 To 5 Manholes, Deduct		*-25.14*
		For 6 To 10 Manholes, Deduct		*-41.03*
		For >10 Manholes, Deduct		*-82.05*
33 05 84 00-0062	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	430.34	
		For 80 Mil Material, Add		*64.97*
		For 100 Mil Material, Add		*129.95*
		For 125 Mil Material, Add		*205.47*
		For 150 Mil Material, Add		*281.00*
		For 200 Mil Material, Add		*416.86*
		For 2 To 5 Manholes, Deduct		*-29.11*
		For 6 To 10 Manholes, Deduct		*-47.46*
		For >10 Manholes, Deduct		*-94.93*
33 05 84 00-0063	VLF	60 Mil Polyurethane Coating Of 7' Diameter Manhole Interior	500.95	
		For 80 Mil Material, Add		*75.74*
		For 100 Mil Material, Add		*151.47*
		For 125 Mil Material, Add		*239.52*
		For 150 Mil Material, Add		*327.57*
		For 200 Mil Material, Add		*486.01*
		For 2 To 5 Manholes, Deduct		*-33.88*
		For 6 To 10 Manholes, Deduct		*-55.23*
		For >10 Manholes, Deduct		*-110.46*
33 05 84 00-0064	VLF	60 Mil Polyurethane Coating Of 8' Diameter Manhole Interior	571.42	
		For 80 Mil Material, Add		*86.45*
		For 100 Mil Material, Add		*172.90*
		For 125 Mil Material, Add		*273.42*
		For 150 Mil Material, Add		*373.94*
		For 200 Mil Material, Add		*554.84*
		For 2 To 5 Manholes, Deduct		*-38.64*
		For 6 To 10 Manholes, Deduct		*-62.99*
		For >10 Manholes, Deduct		*-125.98*

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Riverside University HEALTH SYSTEM

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0065		Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0056)*		
		Note: For new manholes and shop applied.		
33 05 84 00-0066	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	297.43	
33 05 84 00-0067	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	364.59	
33 05 84 00-0068	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	444.92	
33 05 84 00-0069	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	558.74	
33 05 84 00-0070	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	672.56	
33 05 84 00-0071	SF	Polyvinyl Chloride (PVC) Liner At Structures	45.76	
33 05 84 00-0072		Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*		
33 05 84 00-0073		18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0072)*		
33 05 84 00-0074	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	101.25	
33 05 84 00-0075	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	110.37	
33 05 84 00-0076	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	119.50	
33 05 84 00-0077	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	128.63	
33 05 84 00-0078		24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0072)*		
33 05 84 00-0079	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	113.64	
33 05 84 00-0080	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	124.02	
33 05 84 00-0081	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	134.39	
33 05 84 00-0082	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	144.77	
33 05 84 00-0083		30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0072)*		
33 05 84 00-0084	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	125.79	
33 05 84 00-0085	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	137.36	
33 05 84 00-0086	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	148.92	
33 05 84 00-0087	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	160.49	
33 05 84 00-0088		Expanded Polypropylene (EPP) Grade Ring *(33 05 84 00-0001)*		
33 05 84 00-0089	EA	34" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	146.02	
33 05 84 00-0090	EA	34" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	200.26	
33 05 84 00-0091	EA	34" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	249.86	
33 05 84 00-0092	EA	36" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	154.33	
33 05 84 00-0093	EA	36" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	212.33	
33 05 84 00-0094	EA	36" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	265.38	
33 05 84 00-0095	EA	40" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	173.50	
33 05 84 00-0096	EA	40" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	237.32	
33 05 84 00-0097	EA	40" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	296.17	
33 05 84 00-0098	EA	46" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	194.72	
33 05 84 00-0099	EA	46" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	265.14	
33 05 84 00-0100	EA	46" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	330.52	
33 05 84 00-0101		Expanded Polypropylene (EPP) Finish Ring *(33 05 84 00-0001)*		
33 05 84 00-0102	EA	34" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	115.98	
33 05 84 00-0103	EA	34" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	118.34	
33 05 84 00-0104	EA	34" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	125.26	
33 05 84 00-0105	EA	34" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	132.18	
33 05 84 00-0106	EA	34" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	139.10	
33 05 84 00-0107	EA	34" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	146.02	
33 05 84 00-0108	EA	34" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	158.41	
33 05 84 00-0109	EA	34" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	128.93	
33 05 84 00-0110	EA	36" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	122.19	
33 05 84 00-0111	EA	36" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	124.72	
33 05 84 00-0112	EA	36" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	132.12	
33 05 84 00-0113	EA	36" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	139.53	
33 05 84 00-0114	EA	36" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	146.93	
33 05 84 00-0115	EA	36" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	154.33	
33 05 84 00-0116	EA	36" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	167.58	
33 05 84 00-0117	EA	36" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	136.05	
33 05 84 00-0118	EA	40" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	135.80	
33 05 84 00-0119	EA	40" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	138.89	
33 05 84 00-0120	EA	40" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	148.13	
33 05 84 00-0121	EA	40" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	157.38	
33 05 84 00-0122	EA	40" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	165.44	
33 05 84 00-0123	EA	40" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	173.50	
33 05 84 00-0124	EA	40" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	187.11	
33 05 84 00-0125	EA	40" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	152.72	
33 05 84 00-0126	EA	46" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	150.77	
33 05 84 00-0127	EA	46" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	154.49	
33 05 84 00-0128	EA	46" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	165.80	
33 05 84 00-0129	EA	46" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	177.12	
33 05 84 00-0130	EA	46" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	185.92	
33 05 84 00-0131	EA	46" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	194.72	
33 05 84 00-0132	EA	46" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	208.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0133	EA	46" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	171.15	

33 05 84 00-0134 Bentonite Collar *(33 05 84 00-0001)*

33 05 84 00-0135 Bentonite Collar At Manhole Connections *(33 05 84 00-0134)*

33 05 84 00-0136	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	155.63	
33 05 84 00-0137	EA	>12" To 21", Bentonite Collar At Manhole Connection	246.47	
33 05 84 00-0138	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	389.91	
33 05 84 00-0139	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	910.64	
33 05 84 00-0140	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,425.82	
33 05 84 00-0141	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,590.84	

33 05 84 00-0142 Waste Water Collection System Taps *(33 05 84)*

Note: For tapping existing structures only. Includes grout.

33 05 84 00-0143 Brick Manhole Taps *(33 05 84 00-0142)*

33 05 84 00-0144	EA	4" Tap In 6" Brick Manhole	622.05	
33 05 84 00-0145	EA	6" Tap In 6" Brick Manhole	695.87	
33 05 84 00-0146	EA	8" Tap In 6" Brick Manhole	768.37	
33 05 84 00-0147	EA	10" Tap In 6" Brick Manhole	840.72	
33 05 84 00-0148	EA	12" Tap In 6" Brick Manhole	926.01	
33 05 84 00-0149	EA	15" Tap In 6" Brick Manhole	998.21	

33 05 84 00-0150 Precast Concrete Manhole Tap *(33 05 84 00-0142)*

33 05 84 00-0151	EA	4" Tap In Existing Precast Concrete Manhole	919.73	
33 05 84 00-0152	EA	6" Tap In Existing Precast Concrete Manhole	1,030.45	
33 05 84 00-0153	EA	8" Tap In Existing Precast Concrete Manhole	1,152.07	
33 05 84 00-0154	EA	10" Tap In Existing Precast Concrete Manhole	1,260.60	
33 05 84 00-0155	EA	12" Tap In Existing Precast Concrete Manhole	1,368.91	
33 05 84 00-0156	EA	15" Tap In Existing Precast Concrete Manhole	1,479.86	
33 05 84 00-0157	EA	18" Tap In Existing Precast Concrete Manhole	1,702.46	
33 05 84 00-0158	EA	24" Tap In Existing Precast Concrete Manhole	2,187.91	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 16 Markers for Utility Identification *(33 05 97)*

33 05 97 16-0001 Reflective Sheeting Delineators *(33 05 97 16)*

33 05 97 16-0002	EA	Delineator, Single Unit One Way On Post, 3" Diameter or 3" x 3" Square	56.05	
33 05 97 16-0003	EA	Delineator, Single Unit Back To Back On Post, 3" Diameter or 3" x 3" Square	59.64	
33 05 97 16-0004	EA	Delineator, Single Unit Two Way On Post, 3" Diameter or 3" x 3" Square	66.83	
33 05 97 16-0005	EA	Delineator, Single Unit Three Way On Post, 3" Diameter or 3" x 3" Square	70.43	
33 05 97 16-0006	EA	Delineator, Single Unit Four Way On Post, 3" Diameter or 3" x 3" Square	74.02	
33 05 97 16-0007	EA	Delineator, Double Unit On Post, 3" Diameter or 3" x 3" Square	64.13	
33 05 97 16-0008	EA	Delineator, Single Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	56.95	
33 05 97 16-0009	EA	Delineator, Double Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	60.54	
33 05 97 16-0010	EA	Delineator, Single Unit, Back To Back, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	60.54	
33 05 97 16-0011	EA	Delineator, Single Unit, Two Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	64.13	
33 05 97 16-0012	EA	Delineator, Single Unit, Three Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	67.73	
33 05 97 16-0013	EA	Delineator, Single Unit, Four Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square	71.32	
33 05 97 16-0014	EA	Delineator, White, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	103.68	
33 05 97 16-0015	EA	Delineator, Single Unit Three Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	70.43	
33 05 97 16-0016	EA	Delineator, White, Double Unit On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	108.17	
33 05 97 16-0017	EA	Delineator, Yellow, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	103.68	
33 05 97 16-0018	EA	Delineator, Yellow, Single Unit, Back To Back On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	107.27	
33 05 97 16-0019	EA	Delineator, Yellow, Double Unit, On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square	108.17	
33 05 97 16-0020	EA	Relocate Delineator	72.06	

33 05 97 16-0021 Reference Markers *(33 05 97 16)*

33 05 97 16-0022	EA	Reference Marker, 4' Mounting Height	105.92	
33 05 97 16-0023	EA	Reference Marker, 7' Mounting Height	130.77	
33 05 97 16-0024	EA	Reference Marker, Band Or Bracket Mounted	123.53	
33 05 97 16-0025	EA	Reference Marker, Furnish Panel Only	106.65	
33 05 97 16-0026	EA	Relocate Reference Marker	72.06	

33 05 97 16-0027 Object Markers *(33 05 97 16)*

33 05 97 16-0028	EA	Object Marker, Type L-1	103.53	
33 05 97 16-0029	EA	Object Marker, Type L-2	95.79	
33 05 97 16-0030	EA	Object Marker, Type K-1	109.73	
33 05 97 16-0031	EA	Object Marker, Type K-2	101.98	
33 05 97 16-0032	EA	Object Marker, Type Q	70.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001 Non-Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation.

33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	8.99	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	12.49	

33 05 97 23-0004 Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation.

33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	9.08	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	12.25	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	19.35	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001 Drill And Test Water Well *(33 11 13)*

33 11 13 00-0002 Drill Hole *(33 11 13 00-0001)*
Note: Excludes loading and hauling of spoils.

33 11 13 00-0003 Mobilization And Demobilization *(33 11 13 00-0002)*

33 11 13 00-0004	EA	Up To 12" Diameter, Well Drilling Mobilization And Demobilization	1,120.71	
33 11 13 00-0005	EA	>12" To 24" Diameter, Well Drilling Mobilization And Demobilization	1,385.90	
33 11 13 00-0006	EA	>24" To 36" Diameter, Well Drilling Mobilization And Demobilization	2,078.86	

33 11 13 00-0007 Drill Hole In Normal Soil, Sand, Gravel, O.B. *(33 11 13 00-0002)*
Note: Excludes well casing, gravel or materials.

33 11 13 00-0008	LF	Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	26.86	
		For >100 To 250, Add	*0.67*	
		For >250 To 400, Add	*1.34*	
		For >400 To 600, Add	*2.01*	
		For >600 To 750, Add	*2.69*	
		For >750, Add	*3.36*	
33 11 13 00-0009	LF	8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	31.88	
		For >100 To 250, Add	*0.80*	
		For >250 To 400, Add	*1.59*	
		For >400 To 600, Add	*2.39*	
		For >600 To 750, Add	*3.19*	
		For >750, Add	*3.99*	
33 11 13 00-0010	LF	10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	42.62	
		For >100 To 250, Add	*1.07*	
		For >250 To 400, Add	*2.13*	
		For >400 To 600, Add	*3.20*	
		For >600 To 750, Add	*4.26*	
		For >750, Add	*5.33*	
33 11 13 00-0011	LF	12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	66.70	
		For >100 To 250, Add	*1.67*	
		For >250 To 400, Add	*3.34*	
		For >400 To 600, Add	*5.00*	
		For >600 To 750, Add	*6.67*	
		For >750, Add	*8.34*	
33 11 13 00-0012	LF	14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	95.97	
		For >100 To 250, Add	*2.40*	
		For >250 To 400, Add	*4.80*	
		For >400 To 600, Add	*7.20*	
		For >600 To 750, Add	*9.60*	
		For >750, Add	*12.00*	
33 11 13 00-0013	LF	16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	125.43	
		For >100 To 250, Add	*3.14*	
		For >250 To 400, Add	*6.27*	
		For >400 To 600, Add	*9.41*	
		For >600 To 750, Add	*12.54*	
		For >750, Add	*15.68*	
33 11 13 00-0014	LF	18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	148.99	
		For >100 To 250, Add	*3.72*	
		For >250 To 400, Add	*7.45*	
		For >400 To 600, Add	*11.17*	
		For >600 To 750, Add	*14.90*	
		For >750, Add	*18.62*	
33 11 13 00-0015	LF	20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	173.24	
		For >100 To 250, Add	*4.33*	
		For >250 To 400, Add	*8.66*	
		For >400 To 600, Add	*12.99*	
		For >600 To 750, Add	*17.32*	
		For >750, Add	*21.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0016	LF	22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	203.55	
		For >100 To 250, Add	*5.09*	
		For >250 To 400, Add	*10.18*	
		For >400 To 600, Add	*15.27*	
		For >600 To 750, Add	*20.36*	
		For >750, Add	*25.44*	
33 11 13 00-0017	LF	24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	239.94	
		For >100 To 250, Add	*6.00*	
		For >250 To 400, Add	*12.00*	
		For >400 To 600, Add	*18.00*	
		For >600 To 750, Add	*23.99*	
		For >750, Add	*29.99*	
33 11 13 00-0018	LF	26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	259.34	
		For >100 To 250, Add	*6.48*	
		For >250 To 400, Add	*12.97*	
		For >400 To 600, Add	*19.45*	
		For >600 To 750, Add	*25.93*	
		For >750, Add	*32.42*	
33 11 13 00-0019	LF	28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	285.33	
		For >100 To 250, Add	*7.13*	
		For >250 To 400, Add	*14.27*	
		For >400 To 600, Add	*21.40*	
		For >600 To 750, Add	*28.53*	
		For >750, Add	*35.67*	
33 11 13 00-0020	LF	30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	312.52	
		For >100 To 250, Add	*7.81*	
		For >250 To 400, Add	*15.63*	
		For >400 To 600, Add	*23.44*	
		For >600 To 750, Add	*31.25*	
		For >750, Add	*39.07*	
33 11 13 00-0021	LF	36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	388.74	
		For >100 To 250, Add	*9.72*	
		For >250 To 400, Add	*19.44*	
		For >400 To 600, Add	*29.16*	
		For >600 To 750, Add	*38.87*	
		For >750, Add	*48.59*	

33 11 13 00-0022 Drill Hole In Sedimentary Rock *(33 11 13 00-0002)*

33 11 13 00-0023	LF	6" Water Well Hole Drilled In Sedimentary Rock	54.75	
		For >100 To 250, Add	*1.37*	
		For >250 To 400, Add	*2.74*	
		For >400 To 600, Add	*4.11*	
		For >600 To 750, Add	*5.48*	
		For >750, Add	*6.84*	
33 11 13 00-0024	LF	8" Water Well Hole Drilled In Sedimentary Rock	63.76	
		For >100 To 250, Add	*1.59*	
		For >250 To 400, Add	*3.19*	
		For >400 To 600, Add	*4.78*	
		For >600 To 750, Add	*6.38*	
		For >750, Add	*7.97*	
33 11 13 00-0025	LF	10" Water Well Hole Drilled In Sedimentary Rock	102.07	
		For >100 To 250, Add	*2.55*	
		For >250 To 400, Add	*5.10*	
		For >400 To 600, Add	*7.66*	
		For >600 To 750, Add	*10.21*	
		For >750, Add	*12.76*	
33 11 13 00-0026	LF	12" Water Well Hole Drilled In Sedimentary Rock	133.47	
		For >100 To 250, Add	*3.34*	
		For >250 To 400, Add	*6.67*	
		For >400 To 600, Add	*10.01*	
		For >600 To 750, Add	*13.35*	
		For >750, Add	*16.68*	
33 11 13 00-0027	LF	14" Water Well Hole Drilled In Sedimentary Rock	192.08	
		For >100 To 250, Add	*4.80*	
		For >250 To 400, Add	*9.60*	
		For >400 To 600, Add	*14.41*	
		For >600 To 750, Add	*19.21*	
		For >750, Add	*24.01*	
33 11 13 00-0028	LF	16" Water Well Hole Drilled In Sedimentary Rock	250.71	
		For >100 To 250, Add	*6.27*	
		For >250 To 400, Add	*12.54*	
		For >400 To 600, Add	*18.80*	
		For >600 To 750, Add	*25.07*	
		For >750, Add	*31.34*	
33 11 13 00-0029	LF	18" Water Well Hole Drilled In Sedimentary Rock	298.11	
		For >100 To 250, Add	*7.45*	
		For >250 To 400, Add	*14.91*	
		For >400 To 600, Add	*22.36*	
		For >600 To 750, Add	*29.81*	
		For >750, Add	*37.26*	
33 11 13 00-0030	LF	20" Water Well Hole Drilled In Sedimentary Rock	345.92	
		For >100 To 250, Add	*8.65*	
		For >250 To 400, Add	*17.30*	
		For >400 To 600, Add	*25.94*	
		For >600 To 750, Add	*34.59*	
		For >750, Add	*43.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0031	LF	22" Water Well Hole Drilled In Sedimentary Rock	407.46	
		For >100 To 250, Add	*10.19*	
		For >250 To 400, Add	*20.37*	
		For >400 To 600, Add	*30.56*	
		For >600 To 750, Add	*40.75*	
		For >750, Add	*50.93*	
33 11 13 00-0032	LF	24" Water Well Hole Drilled In Sedimentary Rock	470.65	
		For >100 To 250, Add	*11.77*	
		For >250 To 400, Add	*23.53*	
		For >400 To 600, Add	*35.30*	
		For >600 To 750, Add	*47.07*	
		For >750, Add	*58.83*	
33 11 13 00-0033	LF	26" Water Well Hole Drilled In Sedimentary Rock	518.68	
		For >100 To 250, Add	*12.97*	
		For >250 To 400, Add	*25.93*	
		For >400 To 600, Add	*38.90*	
		For >600 To 750, Add	*51.87*	
		For >750, Add	*64.84*	
33 11 13 00-0034	LF	28" Water Well Hole Drilled In Sedimentary Rock	570.65	
		For >100 To 250, Add	*14.27*	
		For >250 To 400, Add	*28.53*	
		For >400 To 600, Add	*42.80*	
		For >600 To 750, Add	*57.07*	
		For >750, Add	*71.33*	
33 11 13 00-0035	LF	30" Water Well Hole Drilled In Sedimentary Rock	625.04	
		For >100 To 250, Add	*15.63*	
		For >250 To 400, Add	*31.25*	
		For >400 To 600, Add	*46.88*	
		For >600 To 750, Add	*62.50*	
		For >750, Add	*78.13*	
33 11 13 00-0036	LF	36" Water Well Hole Drilled In Sedimentary Rock	777.49	
		For >100 To 250, Add	*19.44*	
		For >250 To 400, Add	*38.87*	
		For >400 To 600, Add	*58.31*	
		For >600 To 750, Add	*77.75*	
		For >750, Add	*97.19*	

33 11 13 00-0037 Drill Hole In Crystalline Rock *(33 11 13 00-0002)*

33 11 13 00-0038	LF	6" Water Well Hole Drilled In Crystalline Rock	112.60	
		For >100 To 250, Add	*2.82*	
		For >250 To 400, Add	*5.63*	
		For >400 To 600, Add	*8.45*	
		For >600 To 750, Add	*11.26*	
		For >750, Add	*14.08*	
33 11 13 00-0039	LF	8" Water Well Hole Drilled In Crystalline Rock	129.93	
		For >100 To 250, Add	*3.25*	
		For >250 To 400, Add	*6.50*	
		For >400 To 600, Add	*9.74*	
		For >600 To 750, Add	*12.99*	
		For >750, Add	*16.24*	
33 11 13 00-0040	LF	10" Water Well Hole Drilled In Crystalline Rock	148.99	
		For >100 To 250, Add	*3.72*	
		For >250 To 400, Add	*7.45*	
		For >400 To 600, Add	*11.17*	
		For >600 To 750, Add	*14.90*	
		For >750, Add	*18.62*	
33 11 13 00-0041	LF	12" Water Well Hole Drilled In Crystalline Rock	188.83	
		For >100 To 250, Add	*4.72*	
		For >250 To 400, Add	*9.44*	
		For >400 To 600, Add	*14.16*	
		For >600 To 750, Add	*18.88*	
		For >750, Add	*23.60*	
33 11 13 00-0042	LF	14" Water Well Hole Drilled In Crystalline Rock	244.26	
		For >100 To 250, Add	*6.11*	
		For >250 To 400, Add	*12.21*	
		For >400 To 600, Add	*18.32*	
		For >600 To 750, Add	*24.43*	
		For >750, Add	*30.53*	
33 11 13 00-0043	LF	16" Water Well Hole Drilled In Crystalline Rock	355.14	
		For >100 To 250, Add	*8.88*	
		For >250 To 400, Add	*17.76*	
		For >400 To 600, Add	*26.64*	
		For >600 To 750, Add	*35.51*	
		For >750, Add	*44.39*	
33 11 13 00-0044	LF	18" Water Well Hole Drilled In Crystalline Rock	422.70	
		For >100 To 250, Add	*10.57*	
		For >250 To 400, Add	*21.14*	
		For >400 To 600, Add	*31.70*	
		For >600 To 750, Add	*42.27*	
		For >750, Add	*52.84*	
33 11 13 00-0045	LF	20" Water Well Hole Drilled In Crystalline Rock	490.27	
		For >100 To 250, Add	*12.26*	
		For >250 To 400, Add	*24.51*	
		For >400 To 600, Add	*36.77*	
		For >600 To 750, Add	*49.03*	
		For >750, Add	*61.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0046	LF	22" Water Well Hole Drilled In Crystalline Rock	576.88	
		For >100 To 250, Add	*14.42*	
		For >250 To 400, Add	*28.84*	
		For >400 To 600, Add	*43.27*	
		For >600 To 750, Add	*57.69*	
		For >750, Add	*72.11*	
33 11 13 00-0047	LF	24" Water Well Hole Drilled In Crystalline Rock	666.97	
		For >100 To 250, Add	*16.67*	
		For >250 To 400, Add	*33.35*	
		For >400 To 600, Add	*50.02*	
		For >600 To 750, Add	*66.70*	
		For >750, Add	*83.37*	
33 11 13 00-0048		Furnish And Install Casing *(33 11 13 00-0001)*		
		Note: Excludes drilling of hole.		
33 11 13 00-0049		Steel Well Casing *(33 11 13 00-0048)*		
33 11 13 00-0050	LF	6" Diameter, Steel Well Casing, Flush	42.52	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 400, Deduct	*-2.39*	
		For >400 To 600, Deduct	*-3.58*	
		For >600 To 750, Deduct	*-4.78*	
		For >750, Deduct	*-6.31*	
33 11 13 00-0051	LF	8" Diameter, Steel Well Casing, Flush	52.87	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 400, Deduct	*-2.97*	
		For >400 To 600, Deduct	*-4.46*	
		For >600 To 750, Deduct	*-5.94*	
		For >750, Deduct	*-7.85*	
33 11 13 00-0052	LF	10" Diameter, Steel Well Casing, Flush	77.45	
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 400, Deduct	*-4.27*	
		For >400 To 600, Deduct	*-6.40*	
		For >600 To 750, Deduct	*-8.53*	
		For >750, Deduct	*-11.17*	
33 11 13 00-0053	LF	12" Diameter, Steel Well Casing, Flush	128.27	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 400, Deduct	*-6.88*	
		For >400 To 600, Deduct	*-10.33*	
		For >600 To 750, Deduct	*-13.77*	
		For >750, Deduct	*-17.82*	
33 11 13 00-0054	LF	14" Diameter, Steel Well Casing, Flush	145.00	
		For >100 To 250, Deduct	*-4.28*	
		For >250 To 400, Deduct	*-7.90*	
		For >400 To 600, Deduct	*-11.86*	
		For >600 To 750, Deduct	*-15.81*	
		For >750, Deduct	*-20.61*	
33 11 13 00-0055	LF	16" Diameter, Steel Well Casing, Flush	170.62	
		For >100 To 250, Deduct	*-5.08*	
		For >250 To 400, Deduct	*-9.34*	
		For >400 To 600, Deduct	*-14.01*	
		For >600 To 750, Deduct	*-18.69*	
		For >750, Deduct	*-24.41*	
33 11 13 00-0056	LF	18" Diameter, Steel Well Casing, Flush	195.54	
		For >100 To 250, Deduct	*-5.91*	
		For >250 To 400, Deduct	*-10.80*	
		For >400 To 600, Deduct	*-16.20*	
		For >600 To 750, Deduct	*-21.60*	
		For >750, Deduct	*-28.32*	
33 11 13 00-0057	LF	20" Diameter, Steel Well Casing, Flush	223.78	
		For >100 To 250, Deduct	*-6.85*	
		For >250 To 400, Deduct	*-12.45*	
		For >400 To 600, Deduct	*-18.67*	
		For >600 To 750, Deduct	*-24.89*	
		For >750, Deduct	*-32.75*	
33 11 13 00-0058	LF	24" Diameter, Steel Well Casing, Flush	261.04	
		For >100 To 250, Deduct	*-7.94*	
		For >250 To 400, Deduct	*-14.47*	
		For >400 To 600, Deduct	*-21.70*	
		For >600 To 750, Deduct	*-28.93*	
		For >750, Deduct	*-38.00*	
33 11 13 00-0059	LB	Steel Well Casing, Furnish And Install	1.47	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 750, Deduct	*-0.18*	
		For >750, Deduct	*-0.25*	
33 11 13 00-0060		Stainless Steel Well Casing, Flush Threaded *(33 11 13 00-0048)*		
33 11 13 00-0061	LF	6" Diameter, Stainless Steel Well Casing, Flush	70.44	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 400, Deduct	*-3.78*	
		For >400 To 600, Deduct	*-5.68*	
		For >600 To 750, Deduct	*-7.57*	
		For >750, Deduct	*-9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0062	LF	8" Diameter, Stainless Steel Well Casing, Flush	104.91	
		For >100 To 250, Deduct	*-2.95*	
		For >250 To 400, Deduct	*-5.57*	
		For >400 To 600, Deduct	*-8.36*	
		For >600 To 750, Deduct	*-11.15*	
		For >750, Deduct	*-14.36*	
33 11 13 00-0063	LF	10" Diameter, Stainless Steel Well Casing, Flush	146.07	
		For >100 To 250, Deduct	*-4.07*	
		For >250 To 400, Deduct	*-7.72*	
		For >400 To 600, Deduct	*-11.58*	
		For >600 To 750, Deduct	*-15.45*	
		For >750, Deduct	*-19.85*	
33 11 13 00-0064	LF	12" Diameter, Stainless Steel Well Casing, Flush	170.00	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 400, Deduct	*-9.00*	
		For >400 To 600, Deduct	*-13.50*	
		For >600 To 750, Deduct	*-17.99*	
		For >750, Deduct	*-23.14*	

33 11 13 00-0065 Stainless Steel Well Casing, Welded Ring *(33 11 13 00-0048)*

33 11 13 00-0066	LF	10" Diameter, Stainless Steel Well Casing, Welded	158.63	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 400, Deduct	*-8.66*	
		For >400 To 600, Deduct	*-13.00*	
		For >600 To 750, Deduct	*-17.33*	
		For >750, Deduct	*-22.61*	
33 11 13 00-0067	LF	12" Diameter, Stainless Steel Well Casing, Welded	183.62	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 400, Deduct	*-10.02*	
		For >400 To 600, Deduct	*-15.03*	
		For >600 To 750, Deduct	*-20.04*	
		For >750, Deduct	*-26.14*	
33 11 13 00-0068	LF	14" Diameter, Stainless Steel Well Casing, Welded	219.82	
		For >100 To 250, Deduct	*-6.44*	
		For >250 To 400, Deduct	*-11.93*	
		For >400 To 600, Deduct	*-17.90*	
		For >600 To 750, Deduct	*-23.87*	
		For >750, Deduct	*-31.06*	
33 11 13 00-0069	LF	16" Diameter, Stainless Steel Well Casing, Welded	251.62	
		For >100 To 250, Deduct	*-7.36*	
		For >250 To 400, Deduct	*-13.65*	
		For >400 To 600, Deduct	*-20.48*	
		For >600 To 750, Deduct	*-27.31*	
		For >750, Deduct	*-35.53*	
33 11 13 00-0070	LF	18" Diameter, Stainless Steel Well Casing, Welded	278.45	
		For >100 To 250, Deduct	*-8.19*	
		For >250 To 400, Deduct	*-15.15*	
		For >400 To 600, Deduct	*-22.73*	
		For >600 To 750, Deduct	*-30.31*	
		For >750, Deduct	*-39.48*	
33 11 13 00-0071	LF	20" Diameter, Stainless Steel Well Casing, Welded	362.94	
		For >100 To 250, Deduct	*-10.54*	
		For >250 To 400, Deduct	*-19.61*	
		For >400 To 600, Deduct	*-29.42*	
		For >600 To 750, Deduct	*-39.23*	
		For >750, Deduct	*-50.94*	
33 11 13 00-0072	LF	24" Diameter, Stainless Steel Well Casing, Welded	476.87	
		For >100 To 250, Deduct	*-13.75*	
		For >250 To 400, Deduct	*-25.68*	
		For >400 To 600, Deduct	*-38.51*	
		For >600 To 750, Deduct	*-51.35*	
		For >750, Deduct	*-66.57*	

33 11 13 00-0073 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 *(33 11 13 00-0048)*

33 11 13 00-0074	LF	6" Polyvinyl Chloride (PVC) Well Casing	48.40	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 400, Deduct	*-2.63*	
		For >400 To 600, Deduct	*-3.94*	
		For >600 To 750, Deduct	*-5.26*	
		For >750, Deduct	*-6.85*	
33 11 13 00-0075	LF	8" Polyvinyl Chloride (PVC) Well Casing	76.84	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 400, Deduct	*-4.17*	
		For >400 To 600, Deduct	*-6.25*	
		For >600 To 750, Deduct	*-8.34*	
		For >750, Deduct	*-10.85*	
33 11 13 00-0076	LF	10" Polyvinyl Chloride (PVC) Well Casing	116.14	
		For >100 To 250, Deduct	*-3.40*	
		For >250 To 400, Deduct	*-6.30*	
		For >400 To 600, Deduct	*-9.46*	
		For >600 To 750, Deduct	*-12.61*	
		For >750, Deduct	*-16.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0077	LF	12" Polyvinyl Chloride (PVC) Well Casing	137.12	
		For >100 To 250, Deduct	*-4.03*	
		For >250 To 400, Deduct	*-7.46*	
		For >400 To 600, Deduct	*-11.19*	
		For >600 To 750, Deduct	*-14.92*	
		For >750, Deduct	*-19.43*	
33 11 13 00-0078		Furnish And Install Well Screen Assembly *(33 11 13 00-0001)*		
33 11 13 00-0079		Stainless Steel Well Screen *(33 11 13 00-0078)*		
33 11 13 00-0080	LF	2" Stainless Steel Well Screen	24.32	2.09
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 400, Deduct	*-1.48*	
		For >400 To 600, Deduct	*-2.23*	
		For >600 To 750, Deduct	*-2.97*	
		For >750, Deduct	*-4.06*	
33 11 13 00-0081	LF	3" Stainless Steel Well Screen	36.86	2.09
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 400, Deduct	*-2.13*	
		For >400 To 600, Deduct	*-3.20*	
		For >600 To 750, Deduct	*-4.27*	
		For >750, Deduct	*-5.71*	
33 11 13 00-0082	LF	4" Stainless Steel Well Screen	46.33	3.15
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 400, Deduct	*-2.68*	
		For >400 To 600, Deduct	*-4.02*	
		For >600 To 750, Deduct	*-5.37*	
		For >750, Deduct	*-7.18*	
33 11 13 00-0083	LF	5" Stainless Steel Well Screen	58.23	3.15
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 400, Deduct	*-3.35*	
		For >400 To 600, Deduct	*-5.02*	
		For >600 To 750, Deduct	*-6.70*	
		For >750, Deduct	*-8.94*	
33 11 13 00-0084	LF	6" Stainless Steel Well Screen	70.59	4.19
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 400, Deduct	*-4.11*	
		For >400 To 600, Deduct	*-6.17*	
		For >600 To 750, Deduct	*-8.22*	
		For >750, Deduct	*-11.03*	
33 11 13 00-0085	LF	8" Stainless Steel Well Screen	91.94	5.23
		For >100 To 250, Deduct	*-3.04*	
		For >250 To 400, Deduct	*-5.34*	
		For >400 To 600, Deduct	*-8.01*	
		For >600 To 750, Deduct	*-10.68*	
		For >750, Deduct	*-14.32*	
33 11 13 00-0086	LF	10" Stainless Steel Well Screen	117.42	8.38
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 400, Deduct	*-6.88*	
		For >400 To 600, Deduct	*-10.31*	
		For >600 To 750, Deduct	*-13.75*	
		For >750, Deduct	*-18.49*	
33 11 13 00-0087	LF	12" Stainless Steel Well Screen	137.69	10.47
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 400, Deduct	*-8.06*	
		For >400 To 600, Deduct	*-12.09*	
		For >600 To 750, Deduct	*-16.11*	
		For >750, Deduct	*-21.67*	
33 11 13 00-0088	LF	14" Stainless Steel Well Screen	151.95	11.51
		For >100 To 250, Deduct	*-5.15*	
		For >250 To 400, Deduct	*-8.95*	
		For >400 To 600, Deduct	*-13.42*	
		For >600 To 750, Deduct	*-17.90*	
		For >750, Deduct	*-24.12*	
33 11 13 00-0089	LF	16" Stainless Steel Well Screen	165.19	13.61
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 400, Deduct	*-9.78*	
		For >400 To 600, Deduct	*-14.67*	
		For >600 To 750, Deduct	*-19.55*	
		For >750, Deduct	*-26.42*	
33 11 13 00-0090	LF	18" Stainless Steel Well Screen	198.89	15.70
		For >100 To 250, Deduct	*-6.84*	
		For >250 To 400, Deduct	*-11.81*	
		For >400 To 600, Deduct	*-17.72*	
		For >600 To 750, Deduct	*-23.63*	
		For >750, Deduct	*-31.97*	
33 11 13 00-0091	LF	20" Stainless Steel Well Screen	250.73	19.89
		For >100 To 250, Deduct	*-8.62*	
		For >250 To 400, Deduct	*-14.89*	
		For >400 To 600, Deduct	*-22.33*	
		For >600 To 750, Deduct	*-29.77*	
		For >750, Deduct	*-40.27*	
33 11 13 00-0092	LF	24" Stainless Steel Well Screen	325.67	26.18
		For >100 To 250, Deduct	*-11.22*	
		For >250 To 400, Deduct	*-19.36*	
		For >400 To 600, Deduct	*-29.05*	
		For >600 To 750, Deduct	*-38.73*	
		For >750, Deduct	*-52.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0093	LF	26" Stainless Steel Well Screen	374.76	30.36
		For >100 To 250, Deduct	*-12.86*	
		For >250 To 400, Deduct	*-22.23*	
		For >400 To 600, Deduct	*-33.34*	
		For >600 To 750, Deduct	*-44.46*	
		For >750, Deduct	*-60.11*	

33 11 13 00-0094 Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 *(33 11 13 00-0078)*

33 11 13 00-0095	LF	1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	15.13	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 750, Deduct	*-1.87*	
		For >750, Deduct	*-2.57*	
		For Schedule 80, Add	*3.18*	
33 11 13 00-0096	LF	1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	17.21	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 400, Deduct	*-1.05*	
		For >400 To 600, Deduct	*-1.58*	
		For >600 To 750, Deduct	*-2.10*	
		For >750, Deduct	*-2.88*	
		For Schedule 80, Add	*3.82*	
33 11 13 00-0097	LF	2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	24.83	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 400, Deduct	*-1.58*	
		For >400 To 600, Deduct	*-2.38*	
		For >600 To 750, Deduct	*-3.17*	
		For >750, Deduct	*-4.40*	
		For Schedule 80, Add	*4.46*	
33 11 13 00-0098	LF	3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	35.47	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 400, Deduct	*-2.14*	
		For >400 To 600, Deduct	*-3.21*	
		For >600 To 750, Deduct	*-4.29*	
		For >750, Deduct	*-5.84*	
		For Schedule 80, Add	*8.28*	
33 11 13 00-0099	LF	4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	44.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 400, Deduct	*-2.70*	
		For >400 To 600, Deduct	*-4.05*	
		For >600 To 750, Deduct	*-5.40*	
		For >750, Deduct	*-7.35*	
		For Schedule 80, Add	*10.38*	
33 11 13 00-0100	LF	5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	55.68	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 400, Deduct	*-3.34*	
		For >400 To 600, Deduct	*-5.01*	
		For >600 To 750, Deduct	*-6.68*	
		For >750, Deduct	*-9.07*	
		For Schedule 80, Add	*13.38*	
33 11 13 00-0101	LF	6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	62.30	
		For >100 To 250, Deduct	*-2.30*	
		For >250 To 400, Deduct	*-3.86*	
		For >400 To 600, Deduct	*-5.78*	
		For >600 To 750, Deduct	*-7.71*	
		For >750, Deduct	*-10.60*	
		For Schedule 80, Add	*13.06*	
33 11 13 00-0102	LF	8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	88.89	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 400, Deduct	*-5.39*	
		For >400 To 600, Deduct	*-8.09*	
		For >600 To 750, Deduct	*-10.79*	
		For >750, Deduct	*-14.71*	
		For Schedule 80, Add	*20.39*	

33 11 13 00-0103 Furnish And Install Gravel Pack Material *(33 11 13 00-0001)*

Note: Quantity is based on 3" space between wall and the casing or well screen.

33 11 13 00-0104 Artificial Gravel Pack *(33 11 13 00-0103)*

Note: Excludes casing.

33 11 13 00-0105	LF	Artificial Gravel Pack, 6" Casing, 2" Screen	21.13	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 400, Deduct	*-1.36*	
		For >400 To 600, Deduct	*-2.04*	
		For >600 To 750, Deduct	*-2.72*	
		For >750, Deduct	*-3.79*	
33 11 13 00-0106	LF	Artificial Gravel Pack, 8" Casing, 2" Screen	31.29	
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 400, Deduct	*-2.04*	
		For >400 To 600, Deduct	*-3.05*	
		For >600 To 750, Deduct	*-4.07*	
		For >750, Deduct	*-5.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0107	LF	Artificial Gravel Pack, 10" Casing, 2" Screen	43.77	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 400, Deduct	*-2.89*	
		For >400 To 600, Deduct	*-4.34*	
		For >600 To 750, Deduct	*-5.78*	
		For >750, Deduct	*-8.14*	
33 11 13 00-0108	LF	Artificial Gravel Pack, 12" Casing, 2" Screen	56.01	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 400, Deduct	*-3.67*	
		For >400 To 600, Deduct	*-5.51*	
		For >600 To 750, Deduct	*-7.35*	
		For >750, Deduct	*-10.32*	
33 11 13 00-0109	LF	Artificial Gravel Pack, 14" Casing, 2" Screen	68.94	
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 400, Deduct	*-4.49*	
		For >400 To 600, Deduct	*-6.74*	
		For >600 To 750, Deduct	*-8.98*	
		For >750, Deduct	*-12.58*	
33 11 13 00-0110	LF	Artificial Gravel Pack, 16" Casing, 2" Screen	89.02	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 400, Deduct	*-5.74*	
		For >400 To 600, Deduct	*-8.61*	
		For >600 To 750, Deduct	*-11.48*	
		For >750, Deduct	*-16.02*	
33 11 13 00-0111	LF	Artificial Gravel Pack, 18" Casing, 2" Screen	102.00	
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 400, Deduct	*-6.56*	
		For >400 To 600, Deduct	*-9.83*	
		For >600 To 750, Deduct	*-13.11*	
		For >750, Deduct	*-18.28*	
33 11 13 00-0112	LF	Artificial Gravel Pack, 20" Casing, 2" Screen	121.33	
		For >100 To 250, Deduct	*-4.81*	
		For >250 To 400, Deduct	*-7.84*	
		For >400 To 600, Deduct	*-11.76*	
		For >600 To 750, Deduct	*-15.69*	
		For >750, Deduct	*-21.92*	
33 11 13 00-0113	LF	Artificial Gravel Pack, 24" Casing, 2" Screen	137.37	
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 400, Deduct	*-8.91*	
		For >400 To 600, Deduct	*-13.36*	
		For >600 To 750, Deduct	*-17.81*	
		For >750, Deduct	*-24.92*	
33 11 13 00-0114	LF	Artificial Gravel Pack, 26" Casing, 2" Screen	147.74	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 400, Deduct	*-9.52*	
		For >400 To 600, Deduct	*-14.27*	
		For >600 To 750, Deduct	*-19.03*	
		For >750, Deduct	*-26.56*	
33 11 13 00-0115	LF	Artificial Gravel Pack, 30" Casing, 2" Screen	176.48	
		For >100 To 250, Deduct	*-7.03*	
		For >250 To 400, Deduct	*-11.44*	
		For >400 To 600, Deduct	*-17.17*	
		For >600 To 750, Deduct	*-22.89*	
		For >750, Deduct	*-32.01*	
33 11 13 00-0116	LF	Artificial Gravel Pack, 36" Casing, 2" Screen	204.78	
		For >100 To 250, Deduct	*-8.31*	
		For >250 To 400, Deduct	*-13.43*	
		For >400 To 600, Deduct	*-20.15*	
		For >600 To 750, Deduct	*-26.87*	
		For >750, Deduct	*-37.74*	

33 11 13 00-0117 Develop Well *(33 11 13 00-0001)*

Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.

33 11 13 00-0118	HR	Develop Well	468.77	

33 11 13 00-0119 Pump Test *(33 11 13 00-0001)*

Note: To determine water level and GPM flow rate.

33 11 13 00-0120	HR	Pump Test Well	415.32	

33 11 13 00-0121 Test Well *(33 11 13 00-0001)*

33 11 13 00-0122	VLF	2-1/2" Diameter Test Well	111.15	

33 11 13 00-0123 Surface Seal, Concrete Filled *(33 11 13)*

33 11 13 00-0124	SF	Surface Seal Well, Concrete Filled	36.30	

33 11 13 00-0125 Other Water Well *(33 11 13)*

33 11 13 00-0126	SF	Patch Hole In Well Casing	111.05	
33 11 13 00-0127	SF	1/2" Pressure Grout Well	2.73	
33 11 13 00-0128	SF	1" Pressure Grout Well	4.40	
33 11 13 00-0129	CF	Sediment Removal In Well Casing For Existing Well	6.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0130		Sterilization Of Well *(33 11 13)*		
33 11 13 00-0131	EA	Well Sterilization, Chlorine	1,867.75	
33 11 13 00-0132		Submersible Well Pumps *(33 11 13)*		
		Note: Includes pump end, motor and control box.		
33 11 13 00-0133		4" Submersible Well Pumps *(33 11 13 00-0132)*		
33 11 13 00-0134		Powder Coated Case And Cast Iron Ends *(33 11 13 00-0133)*		
33 11 13 00-0135	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,470.77	521.67
33 11 13 00-0136	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,675.02	578.20
33 11 13 00-0137	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,859.19	642.44
33 11 13 00-0138		Stainless Steel Case And Ends *(33 11 13 00-0133)*		
33 11 13 00-0139	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,643.65	513.96
33 11 13 00-0140	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,872.79	578.20
33 11 13 00-0141	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,098.38	642.44
33 11 13 00-0142	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,397.38	706.70
33 11 13 00-0143	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,707.03	770.94
33 11 13 00-0144	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,319.23	899.43
33 11 13 00-0145	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	4,152.88	1,027.92
33 11 13 00-0146		6" Submersible Well Pumps *(33 11 13 00-0132)*		
33 11 13 00-0147	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,099.66	1,284.90
33 11 13 00-0148	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,713.04	1,413.39
33 11 13 00-0149	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,348.94	1,541.88
33 11 13 00-0150	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,454.92	1,798.85

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001		Ductile Iron Piping *(33 14 13 13)*		
33 14 13 13-0002		Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*		
		Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0542 for bolts and gaskets.		
33 14 13 13-0003		Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	96.67	14.48
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*52.33*	
		For Cement Mortar Lining (CML), Add	*7.48*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*40.37*	
		For Fusion Bonded Epoxy Lining (206N), Add	*13.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.61*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.83*	
		For Class 52, Add	*22.61*	
		For Class 53, Add	*40.89*	
		For Class 54, Add	*58.39*	
		For Class 55, Add	*67.05*	
		For Class 56, Add	*75.54*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	105.47	15.41
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*57.49*	
		For Cement Mortar Lining (CML), Add	*8.21*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*44.35*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.16*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.27*	
		For Class 51, Add	*11.49*	
		For Class 52, Add	*24.82*	
		For Class 53, Add	*44.89*	
		For Class 54, Add	*64.11*	
		For Class 55, Add	*73.61*	
		For Class 56, Add	*82.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	113.60	16.17
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*62.41*	
		For Cement Mortar Lining (CML), Add	*8.92*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*48.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*16.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.69*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.68*	
		For Class 51, Add	*12.46*	
		For Class 52, Add	*26.92*	
		For Class 53, Add	*48.69*	
		For Class 54, Add	*69.55*	
		For Class 55, Add	*79.85*	
		For Class 56, Add	*89.96*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	139.49	16.81
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*79.82*	
		For Cement Mortar Lining (CML), Add	*11.40*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*61.58*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.55*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.97*	
		For Class 51, Add	*15.86*	
		For Class 52, Add	*34.29*	
		For Class 53, Add	*62.06*	
		For Class 54, Add	*88.67*	
		For Class 55, Add	*101.77*	
		For Class 56, Add	*114.63*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	184.52	23.87
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*89.02*	
		For Cement Mortar Lining (CML), Add	*14.84*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*74.18*	
		For Fusion Bonded Epoxy Lining (206N), Add	*26.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.13*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.23*	
		For Class 51, Add	*20.67*	
		For Class 52, Add	*44.69*	
		For Class 53, Add	*80.86*	
		For Class 54, Add	*115.51*	
		For Class 55, Add	*132.59*	
		For Class 56, Add	*149.37*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	229.66	26.52
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*94.74*	
		For Cement Mortar Lining (CML), Add	*18.95*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*75.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*34.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.21*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.48*	
		For Class 51, Add	*26.33*	
		For Class 52, Add	*56.92*	
		For Class 53, Add	*103.05*	
		For Class 54, Add	*147.23*	
		For Class 55, Add	*168.97*	
		For Class 56, Add	*190.31*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	280.19	29.78
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*103.39*	
		For Cement Mortar Lining (CML), Add	*23.50*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*79.89*	
		For Fusion Bonded Epoxy Lining (206N), Add	*42.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.62*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-14.01*	
		For Class 51, Add	*32.59*	
		For Class 52, Add	*70.47*	
		For Class 53, Add	*127.62*	
		For Class 54, Add	*182.35*	
		For Class 55, Add	*209.26*	
		For Class 56, Add	*235.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	315.09	34.11
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*108.01*	
		For Cement Mortar Lining (CML), Add	*26.34*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*81.66*	
		For Fusion Bonded Epoxy Lining (206N), Add	*47.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.76*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-15.75*	
		For Class 51, Add	*36.55*	
		For Class 52, Add	*79.03*	
		For Class 53, Add	*143.11*	
		For Class 54, Add	*204.48*	
		For Class 55, Add	*234.65*	
		For Class 56, Add	*264.28*	
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	398.12	39.79
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*138.51*	
		For Cement Mortar Lining (CML), Add	*33.78*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*104.73*	
		For Fusion Bonded Epoxy Lining (206N), Add	*60.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.34*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-19.91*	
		For Class 51, Add	*46.80*	
		For Class 52, Add	*101.20*	
		For Class 53, Add	*183.31*	
		For Class 54, Add	*261.93*	
		For Class 55, Add	*300.56*	
		For Class 56, Add	*338.48*	
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	444.38	47.74
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*141.38*	
		For Cement Mortar Lining (CML), Add	*37.21*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*104.17*	
		For Fusion Bonded Epoxy Lining (206N), Add	*66.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.90*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-22.22*	
		For Class 51, Add	*51.61*	
		For Class 52, Add	*111.60*	
		For Class 53, Add	*202.09*	
		For Class 54, Add	*288.76*	
		For Class 55, Add	*331.37*	
		For Class 56, Add	*373.20*	
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	589.74	59.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*154.79*	
		For Cement Mortar Lining (CML), Add	*49.93*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*104.86*	
		For Fusion Bonded Epoxy Lining (206N), Add	*89.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.45*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-29.49*	
		For Class 51, Add	*69.19*	
		For Class 52, Add	*149.61*	
		For Class 53, Add	*270.98*	
		For Class 54, Add	*387.21*	
		For Class 55, Add	*444.31*	
		For Class 56, Add	*500.37*	
33 14 13 13-0015	LF	30", Class 50, Mechanical Joint Ductile Iron Pipe	800.57	64.25
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*218.28*	
		For Cement Mortar Lining (CML), Add	*70.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.81*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-40.03*	
		For Class 51, Add	*97.18*	
		For Class 52, Add	*210.20*	
		For Class 53, Add	*380.96*	
		For Class 54, Add	*544.47*	
		For Class 55, Add	*624.61*	
		For Class 56, Add	*703.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0016	LF	36", Class 50, Mechanical Joint Ductile Iron Pipe	982.94	68.23
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*272.95*	
		For Cement Mortar Lining (CML), Add	*88.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*158.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.04*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-49.15*	
		For Class 51, Add	*121.29*	
		For Class 52, Add	*262.39*	
		For Class 53, Add	*475.69*	
		For Class 54, Add	*679.92*	
		For Class 55, Add	*779.90*	
		For Class 56, Add	*878.03*	
33 14 13 13-0017	LF	42", Class 50, Mechanical Joint Ductile Iron Pipe	1,242.72	72.21
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*351.61*	
		For Cement Mortar Lining (CML), Add	*113.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.07*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-62.14*	
		For Class 51, Add	*155.95*	
		For Class 52, Add	*337.42*	
		For Class 53, Add	*611.90*	
		For Class 54, Add	*874.70*	
		For Class 55, Add	*1,003.20*	
		For Class 56, Add	*1,129.32*	
33 14 13 13-0018	LF	48", Class 50, Mechanical Joint Ductile Iron Pipe	1,560.21	76.31
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*448.16*	
		For Cement Mortar Lining (CML), Add	*144.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*260.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*108.43*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-78.01*	
		For Class 51, Add	*198.48*	
		For Class 52, Add	*429.49*	
		For Class 53, Add	*779.04*	
		For Class 54, Add	*1,113.70*	
		For Class 55, Add	*1,277.20*	
		For Class 56, Add	*1,437.65*	

33 14 13 13-0019 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0020	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	196.72	45.72
		For Cement Mortar Lining (CML), Add	*12.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	221.47	54.63
		For Cement Mortar Lining (CML), Add	*13.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	349.04	80.73
		For Cement Mortar Lining (CML), Add	*22.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	475.04	95.76
		For Cement Mortar Lining (CML), Add	*32.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	685.14	105.85
		For Cement Mortar Lining (CML), Add	*52.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.36*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0025	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	894.66	124.16
		For Cement Mortar Lining (CML), Add	*70.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*127.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	1,393.65	139.23
		For Cement Mortar Lining (CML), Add	*118.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*212.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,847.39	159.12
		For Cement Mortar Lining (CML), Add	*160.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	2,271.78	222.78
		For Cement Mortar Lining (CML), Add	*193.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*348.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	3,119.04	278.47
		For Cement Mortar Lining (CML), Add	*269.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*485.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*202.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	4,587.96	370.81
		For Cement Mortar Lining (CML), Add	*402.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*724.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*301.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	30" Mechanical Joint Ductile Iron 90 Degree Elbow	7,063.52	397.81
		For Cement Mortar Lining (CML), Add	*646.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,162.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*484.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	36" Mechanical Joint Ductile Iron 90 Degree Elbow	10,726.39	413.00
		For Cement Mortar Lining (CML), Add	*1,010.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,818.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*757.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	42" Mechanical Joint Ductile Iron 90 Degree Elbow	18,043.89	477.37
		For Cement Mortar Lining (CML), Add	*1,732.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,117.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,299.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	48" Mechanical Joint Ductile Iron 90 Degree Elbow	23,864.83	507.87
		For Cement Mortar Lining (CML), Add	*2,309.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,157.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,732.15*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0035 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0036	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	183.60	45.72
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	197.10	54.63
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0038	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	305.93	80.73
		For Cement Mortar Lining (CML), Add	*18.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	413.19	95.76
		For Cement Mortar Lining (CML), Add	*26.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0040	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	552.06	105.85
		For Cement Mortar Lining (CML), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	772.83	124.16
		For Cement Mortar Lining (CML), Add	*58.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	1,131.24	139.23
		For Cement Mortar Lining (CML), Add	*92.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,388.18	159.12
		For Cement Mortar Lining (CML), Add	*114.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*206.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,983.13	222.78
		For Cement Mortar Lining (CML), Add	*164.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*296.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	2,180.00	278.47
		For Cement Mortar Lining (CML), Add	*175.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*316.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	3,232.83	370.81
		For Cement Mortar Lining (CML), Add	*267.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*480.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	30" Mechanical Joint Ductile Iron 45 Degree Elbow	6,028.90	397.81
		For Cement Mortar Lining (CML), Add	*542.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*976.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*406.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	36" Mechanical Joint Ductile Iron 45 Degree Elbow	8,559.68	413.00
		For Cement Mortar Lining (CML), Add	*793.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,428.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*595.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	42" Mechanical Joint Ductile Iron 45 Degree Elbow	12,913.88	477.37
		For Cement Mortar Lining (CML), Add	*1,219.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,194.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*914.29*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0050	EA	48" Mechanical Joint Ductile Iron 45 Degree Elbow	16,744.29	507.87
		For Cement Mortar Lining (CML), Add	*1,597.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,875.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,198.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051		**Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	159.24	45.72
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	191.48	54.63
		For Cement Mortar Lining (CML), Add	*10.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	290.94	80.73
		For Cement Mortar Lining (CML), Add	*16.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	407.56	95.76
		For Cement Mortar Lining (CML), Add	*26.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	550.19	105.85
		For Cement Mortar Lining (CML), Add	*38.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	699.73	124.16
		For Cement Mortar Lining (CML), Add	*51.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,142.49	139.23
		For Cement Mortar Lining (CML), Add	*93.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*167.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,341.33	159.12
		For Cement Mortar Lining (CML), Add	*110.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*198.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,688.86	222.78
		For Cement Mortar Lining (CML), Add	*135.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*243.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,258.72	278.47
		For Cement Mortar Lining (CML), Add	*183.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*330.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,026.65	370.81
		For Cement Mortar Lining (CML), Add	*246.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*443.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*184.85*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0063	EA	30" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,149.84	397.81
		For Cement Mortar Lining (CML), Add	*454.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*818.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*341.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064	EA	36" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	7,290.76	413.00
		For Cement Mortar Lining (CML), Add	*666.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,199.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*499.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	42" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,786.52	477.37
		For Cement Mortar Lining (CML), Add	*1,006.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,811.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*754.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	48" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	13,872.83	507.87
		For Cement Mortar Lining (CML), Add	*1,310.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,358.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*982.75*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0067 Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0068	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	159.24	45.72
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	185.86	54.63
		For Cement Mortar Lining (CML), Add	*10.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	296.56	80.73
		For Cement Mortar Lining (CML), Add	*17.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	383.20	95.76
		For Cement Mortar Lining (CML), Add	*23.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	546.44	105.85
		For Cement Mortar Lining (CML), Add	*38.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*69.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	667.87	124.16
		For Cement Mortar Lining (CML), Add	*47.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,273.69	139.23
		For Cement Mortar Lining (CML), Add	*106.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,405.05	159.12
		For Cement Mortar Lining (CML), Add	*116.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*209.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.30*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0076	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,044.99	222.78
		For Cement Mortar Lining (CML), Add	*170.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*307.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,151.89	278.47
		For Cement Mortar Lining (CML), Add	*173.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*311.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,869.21	370.81
		For Cement Mortar Lining (CML), Add	*230.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*415.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	30" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,232.31	397.81
		For Cement Mortar Lining (CML), Add	*462.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*833.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*347.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	36" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	6,953.38	413.00
		For Cement Mortar Lining (CML), Add	*632.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,138.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*474.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	42" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	10,327.32	477.37
		For Cement Mortar Lining (CML), Add	*960.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,728.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*720.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	48" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	13,782.86	507.87
		For Cement Mortar Lining (CML), Add	*1,301.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,342.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*976.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0084	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	202.35	45.72
		For Cement Mortar Lining (CML), Add	*13.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	247.71	54.63
		For Cement Mortar Lining (CML), Add	*16.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	395.90	80.73
		For Cement Mortar Lining (CML), Add	*27.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	536.89	95.76
		For Cement Mortar Lining (CML), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0088	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	775.11	105.85
		For Cement Mortar Lining (CML), Add	*61.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.11*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0089	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	992.12	124.16
		For Cement Mortar Lining (CML), Add	*80.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,706.66	139.23
		For Cement Mortar Lining (CML), Add	*149.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*269.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,610.24	159.12
		For Cement Mortar Lining (CML), Add	*236.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*426.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,029.00	222.78
		For Cement Mortar Lining (CML), Add	*269.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*484.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*201.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,116.17	278.47
		For Cement Mortar Lining (CML), Add	*369.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*664.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*277.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,000.31	370.81
		For Cement Mortar Lining (CML), Add	*443.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*798.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*332.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	9,342.69	397.81
		For Cement Mortar Lining (CML), Add	*874.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,573.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*655.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	16,731.71	413.00
		For Cement Mortar Lining (CML), Add	*1,610.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,899.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,207.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0098	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	185.48	45.72
		For Cement Mortar Lining (CML), Add	*11.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	202.73	54.63
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	326.55	80.73
		For Cement Mortar Lining (CML), Add	*20.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	473.17	95.76
		For Cement Mortar Lining (CML), Add	*32.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.60*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0102	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	647.65	105.85
		For Cement Mortar Lining (CML), Add	*48.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*87.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	881.54	124.16
		For Cement Mortar Lining (CML), Add	*69.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,509.85	139.23
		For Cement Mortar Lining (CML), Add	*129.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*233.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,300.98	159.12
		For Cement Mortar Lining (CML), Add	*205.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*370.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*154.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,715.99	222.78
		For Cement Mortar Lining (CML), Add	*237.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*428.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,527.64	278.47
		For Cement Mortar Lining (CML), Add	*310.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*559.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,432.39	370.81
		For Cement Mortar Lining (CML), Add	*387.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*696.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*290.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	8,204.98	397.81
		For Cement Mortar Lining (CML), Add	*760.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,368.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*570.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	14,638.10	413.00
		For Cement Mortar Lining (CML), Add	*1,401.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,522.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,050.93*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0111 Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*

33 14 13 13-0112	EA	3" x 3" Mechanical Joint Ductile Iron Tee	321.33	68.58
		For Cement Mortar Lining (CML), Add	*21.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	4" x 3" Mechanical Joint Ductile Iron Tee	333.55	76.64
		For Cement Mortar Lining (CML), Add	*21.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	4" x 4" Mechanical Joint Ductile Iron Tee	304.06	80.73
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.64*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0115	EA	6" x 3" Mechanical Joint Ductile Iron Tee	405.24	101.69
		For Cement Mortar Lining (CML), Add	*25.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	6" x 4" Mechanical Joint Ductile Iron Tee	465.94	105.90
		For Cement Mortar Lining (CML), Add	*30.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	6" x 6" Mechanical Joint Ductile Iron Tee	507.55	118.55
		For Cement Mortar Lining (CML), Add	*32.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	8" x 4" Mechanical Joint Ductile Iron Tee	540.18	122.71
		For Cement Mortar Lining (CML), Add	*35.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	8" x 6" Mechanical Joint Ductile Iron Tee	613.63	135.32
		For Cement Mortar Lining (CML), Add	*40.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	8" x 8" Mechanical Joint Ductile Iron Tee	710.72	143.77
		For Cement Mortar Lining (CML), Add	*49.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*88.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	10" x 4" Mechanical Joint Ductile Iron Tee	742.85	131.54
		For Cement Mortar Lining (CML), Add	*54.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	10" x 6" Mechanical Joint Ductile Iron Tee	744.07	143.48
		For Cement Mortar Lining (CML), Add	*52.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	10" x 8" Mechanical Joint Ductile Iron Tee	846.10	151.44
		For Cement Mortar Lining (CML), Add	*61.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	10" x 10" Mechanical Joint Ductile Iron Tee	945.84	159.12
		For Cement Mortar Lining (CML), Add	*70.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	12" x 4" Mechanical Joint Ductile Iron Tee	888.79	147.45
		For Cement Mortar Lining (CML), Add	*66.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*119.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	12" x 6" Mechanical Joint Ductile Iron Tee	1,009.95	159.37
		For Cement Mortar Lining (CML), Add	*76.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*138.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.64*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0127	EA	12" x 8" Mechanical Joint Ductile Iron Tee	1,241.32	167.34
		For Cement Mortar Lining (CML), Add	*98.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,329.81	175.04
		For Cement Mortar Lining (CML), Add	*106.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	12" x 12" Mechanical Joint Ductile Iron Tee	1,261.27	182.99
		For Cement Mortar Lining (CML), Add	*98.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	14" x 6" Mechanical Joint Ductile Iron Tee	1,346.00	185.71
		For Cement Mortar Lining (CML), Add	*106.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	14" x 8" Mechanical Joint Ductile Iron Tee	1,498.64	193.68
		For Cement Mortar Lining (CML), Add	*120.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*216.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	14" x 10" Mechanical Joint Ductile Iron Tee	1,915.13	201.36
		For Cement Mortar Lining (CML), Add	*161.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	14" x 12" Mechanical Joint Ductile Iron Tee	2,047.15	209.32
		For Cement Mortar Lining (CML), Add	*173.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*311.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	14" x 14" Mechanical Joint Ductile Iron Tee	1,975.27	222.54
		For Cement Mortar Lining (CML), Add	*163.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*294.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*122.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	16" x 6" Mechanical Joint Ductile Iron Tee	1,711.30	222.77
		For Cement Mortar Lining (CML), Add	*137.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*247.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*103.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	16" x 8" Mechanical Joint Ductile Iron Tee	1,841.55	230.73
		For Cement Mortar Lining (CML), Add	*149.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*268.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	16" x 10" Mechanical Joint Ductile Iron Tee	2,145.58	238.41
		For Cement Mortar Lining (CML), Add	*178.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*321.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*133.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	16" x 12" Mechanical Joint Ductile Iron Tee	2,348.82	246.36
		For Cement Mortar Lining (CML), Add	*197.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*355.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.16*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0139	EA	16" x 14" Mechanical Joint Ductile Iron Tee	2,827.99	259.54
		For Cement Mortar Lining (CML), Add	*243.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*438.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*182.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	16" x 16" Mechanical Joint Ductile Iron Tee	2,672.36	278.10
		For Cement Mortar Lining (CML), Add	*225.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*405.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*168.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141	EA	18" x 6" Mechanical Joint Ductile Iron Tee	2,377.51	285.10
		For Cement Mortar Lining (CML), Add	*194.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*350.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0142	EA	18" x 8" Mechanical Joint Ductile Iron Tee	2,550.77	293.05
		For Cement Mortar Lining (CML), Add	*210.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*379.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	18" x 10" Mechanical Joint Ductile Iron Tee	2,761.08	300.75
		For Cement Mortar Lining (CML), Add	*230.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*414.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	18" x 12" Mechanical Joint Ductile Iron Tee	2,969.95	308.70
		For Cement Mortar Lining (CML), Add	*250.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*450.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*187.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	18" x 14" Mechanical Joint Ductile Iron Tee	3,055.50	321.86
		For Cement Mortar Lining (CML), Add	*256.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*462.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	18" x 16" Mechanical Joint Ductile Iron Tee	3,261.62	340.39
		For Cement Mortar Lining (CML), Add	*274.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*494.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*205.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	18" x 18" Mechanical Joint Ductile Iron Tee	3,820.53	371.53
		For Cement Mortar Lining (CML), Add	*325.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*586.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*244.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	20" x 6" Mechanical Joint Ductile Iron Tee	2,808.65	408.83
		For Cement Mortar Lining (CML), Add	*218.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*394.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*164.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	20" x 8" Mechanical Joint Ductile Iron Tee	2,869.45	416.80
		For Cement Mortar Lining (CML), Add	*223.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*402.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*167.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	20" x 10" Mechanical Joint Ductile Iron Tee	3,126.62	424.47
		For Cement Mortar Lining (CML), Add	*248.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*447.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*186.26*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0151	EA	20" x 12" Mechanical Joint Ductile Iron Tee	3,382.35	432.43
		For Cement Mortar Lining (CML), Add	*272.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*490.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*204.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	20" x 14" Mechanical Joint Ductile Iron Tee	3,422.91	445.60
		For Cement Mortar Lining (CML), Add	*274.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*494.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*206.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	20" x 16" Mechanical Joint Ductile Iron Tee	3,473.46	464.13
		For Cement Mortar Lining (CML), Add	*277.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*498.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*207.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	20" x 18" Mechanical Joint Ductile Iron Tee	4,367.88	495.28
		For Cement Mortar Lining (CML), Add	*361.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*651.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*271.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	20" x 20" Mechanical Joint Ductile Iron Tee	3,846.84	557.17
		For Cement Mortar Lining (CML), Add	*300.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*540.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*225.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	24" x 6" Mechanical Joint Ductile Iron Tee	3,439.76	532.18
		For Cement Mortar Lining (CML), Add	*263.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*474.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*197.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	24" x 8" Mechanical Joint Ductile Iron Tee	3,485.57	540.90
		For Cement Mortar Lining (CML), Add	*266.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*480.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	24" x 10" Mechanical Joint Ductile Iron Tee	3,842.08	547.83
		For Cement Mortar Lining (CML), Add	*301.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*542.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*225.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	24" x 12" Mechanical Joint Ductile Iron Tee	3,938.47	555.79
		For Cement Mortar Lining (CML), Add	*309.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*557.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	24" x 14" Mechanical Joint Ductile Iron Tee	4,434.50	568.95
		For Cement Mortar Lining (CML), Add	*357.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*643.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*267.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	24" x 16" Mechanical Joint Ductile Iron Tee	4,790.58	587.47
		For Cement Mortar Lining (CML), Add	*390.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*702.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*292.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	24" x 18" Mechanical Joint Ductile Iron Tee	5,445.08	618.65
		For Cement Mortar Lining (CML), Add	*450.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*811.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*338.08*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0163	EA	24" x 20" Mechanical Joint Ductile Iron Tee	6,035.51	680.51
		For Cement Mortar Lining (CML), Add	*500.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*900.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*375.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	24" x 24" Mechanical Joint Ductile Iron Tee	5,581.65	742.22
		For Cement Mortar Lining (CML), Add	*445.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*802.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*334.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	30" x 8" Mechanical Joint Ductile Iron Tee	5,980.01	627.80
		For Cement Mortar Lining (CML), Add	*502.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*905.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*377.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	30" x 10" Mechanical Joint Ductile Iron Tee	6,300.92	635.48
		For Cement Mortar Lining (CML), Add	*533.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*960.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*400.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	30" x 12" Mechanical Joint Ductile Iron Tee	6,622.25	643.44
		For Cement Mortar Lining (CML), Add	*564.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,016.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*423.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	30" x 14" Mechanical Joint Ductile Iron Tee	7,080.78	656.62
		For Cement Mortar Lining (CML), Add	*608.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,095.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*456.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	30" x 16" Mechanical Joint Ductile Iron Tee	7,577.42	873.62
		For Cement Mortar Lining (CML), Add	*655.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,179.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*491.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	30" x 18" Mechanical Joint Ductile Iron Tee	7,782.09	706.30
		For Cement Mortar Lining (CML), Add	*671.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,208.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*503.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	30" x 20" Mechanical Joint Ductile Iron Tee	8,095.13	768.18
		For Cement Mortar Lining (CML), Add	*693.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,247.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*519.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0172	EA	30" x 24" Mechanical Joint Ductile Iron Tee	8,505.34	829.85
		For Cement Mortar Lining (CML), Add	*724.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,304.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*543.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	30" x 30" Mechanical Joint Ductile Iron Tee	10,667.24	873.62
		For Cement Mortar Lining (CML), Add	*934.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,681.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*700.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	30" x 6" Mechanical Joint Ductile Iron Tee	6,252.85	619.83
		For Cement Mortar Lining (CML), Add	*531.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*956.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*398.53*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0175	EA	36" x 8" Mechanical Joint Ductile Iron Tee	7,311.69	696.43
		For Cement Mortar Lining (CML), Add	*625.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,126.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*469.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	36" x 10" Mechanical Joint Ductile Iron Tee	8,136.80	704.12
		For Cement Mortar Lining (CML), Add	*706.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,272.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*530.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	36" x 12" Mechanical Joint Ductile Iron Tee	8,583.69	712.08
		For Cement Mortar Lining (CML), Add	*750.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,350.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*562.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	36" x 14" Mechanical Joint Ductile Iron Tee	8,905.40	725.25
		For Cement Mortar Lining (CML), Add	*780.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,405.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*585.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	36" x 16" Mechanical Joint Ductile Iron Tee	9,231.49	743.78
		For Cement Mortar Lining (CML), Add	*810.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,458.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*607.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	36" x 18" Mechanical Joint Ductile Iron Tee	9,855.99	774.94
		For Cement Mortar Lining (CML), Add	*868.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,562.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*651.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	36" x 20" Mechanical Joint Ductile Iron Tee	10,528.90	836.80
		For Cement Mortar Lining (CML), Add	*926.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,666.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*694.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	36" x 24" Mechanical Joint Ductile Iron Tee	11,649.48	898.47
		For Cement Mortar Lining (CML), Add	*1,028.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,851.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*771.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	36" x 30" Mechanical Joint Ductile Iron Tee	12,879.84	976.69
		For Cement Mortar Lining (CML), Add	*1,145.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,061.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*858.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	36" x 36" Mechanical Joint Ductile Iron Tee	15,040.44	976.69
		For Cement Mortar Lining (CML), Add	*1,356.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,440.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,017.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	42" x 12" Mechanical Joint Ductile Iron Tee	16,911.33	750.44
		For Cement Mortar Lining (CML), Add	*1,577.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,839.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,183.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	42" x 14" Mechanical Joint Ductile Iron Tee	17,249.90	763.62
		For Cement Mortar Lining (CML), Add	*1,609.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,896.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,206.97*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0187	EA	42" x 16" Mechanical Joint Ductile Iron Tee	19,172.90	782.14
		For Cement Mortar Lining (CML), Add	*1,798.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,237.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,349.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	42" x 18" Mechanical Joint Ductile Iron Tee	17,926.85	813.29
		For Cement Mortar Lining (CML), Add	*1,669.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,005.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,252.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	42" x 20" Mechanical Joint Ductile Iron Tee	18,020.58	875.17
		For Cement Mortar Lining (CML), Add	*1,669.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,005.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,252.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	42" x 24" Mechanical Joint Ductile Iron Tee	18,419.54	936.84
		For Cement Mortar Lining (CML), Add	*1,700.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,060.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,275.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	42" x 30" Mechanical Joint Ductile Iron Tee	22,339.55	980.68
		For Cement Mortar Lining (CML), Add	*2,085.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,753.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,564.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	42" x 36" Mechanical Joint Ductile Iron Tee	23,266.86	1,015.00
		For Cement Mortar Lining (CML), Add	*2,172.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,911.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,629.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	42" x 42" Mechanical Joint Ductile Iron Tee	24,613.57	1,034.18
		For Cement Mortar Lining (CML), Add	*2,304.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,148.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,728.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194	EA	48" x 12" Mechanical Joint Ductile Iron Tee	19,926.01	811.58
		For Cement Mortar Lining (CML), Add	*1,869.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,365.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,402.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0195	EA	48" x 14" Mechanical Joint Ductile Iron Tee	20,283.34	824.74
		For Cement Mortar Lining (CML), Add	*1,903.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,426.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,427.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196	EA	48" x 16" Mechanical Joint Ductile Iron Tee	20,789.35	843.28
		For Cement Mortar Lining (CML), Add	*1,951.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,512.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,463.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0197	EA	48" x 18" Mechanical Joint Ductile Iron Tee	21,312.65	874.44
		For Cement Mortar Lining (CML), Add	*1,998.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,597.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,499.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0198	EA	48" x 20" Mechanical Joint Ductile Iron Tee	21,884.34	936.31
		For Cement Mortar Lining (CML), Add	*2,046.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,683.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,534.93*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0199	EA	48" x 24" Mechanical Joint Ductile Iron Tee	22,041.52	997.98
		For Cement Mortar Lining (CML), Add	*2,052.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,695.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,539.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	48" x 30" Mechanical Joint Ductile Iron Tee	26,829.35	1,041.80
		For Cement Mortar Lining (CML), Add	*2,525.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,545.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,893.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	48" x 36" Mechanical Joint Ductile Iron Tee	30,592.49	1,076.13
		For Cement Mortar Lining (CML), Add	*2,896.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,213.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,172.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	48" x 42" Mechanical Joint Ductile Iron Tee	32,091.02	1,095.31
		For Cement Mortar Lining (CML), Add	*3,043.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,477.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,282.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	48" x 48" Mechanical Joint Ductile Iron Tee	32,626.54	1,125.93
		For Cement Mortar Lining (CML), Add	*3,092.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,565.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,319.05*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0204 Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*

33 14 13 13-0205	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	275.45	76.64
		For Cement Mortar Lining (CML), Add	*15.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0206	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	420.26	80.68
		For Cement Mortar Lining (CML), Add	*29.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0207	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	405.24	101.69
		For Cement Mortar Lining (CML), Add	*25.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0208	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	467.82	105.90
		For Cement Mortar Lining (CML), Add	*30.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0209	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	629.38	118.48
		For Cement Mortar Lining (CML), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0210	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	806.33	122.71
		For Cement Mortar Lining (CML), Add	*62.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0211	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	724.22	135.32
		For Cement Mortar Lining (CML), Add	*51.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.94*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0212	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	873.78	143.72
		For Cement Mortar Lining (CML), Add	*65.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0213	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,243.30	131.54
		For Cement Mortar Lining (CML), Add	*104.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*187.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0214	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,315.74	143.48
		For Cement Mortar Lining (CML), Add	*109.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0215	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,511.48	151.44
		For Cement Mortar Lining (CML), Add	*128.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0216	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,701.20	159.12
		For Cement Mortar Lining (CML), Add	*146.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*262.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*109.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,586.04	147.45
		For Cement Mortar Lining (CML), Add	*136.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*245.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0218	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,793.42	159.37
		For Cement Mortar Lining (CML), Add	*155.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*279.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,159.73	167.34
		For Cement Mortar Lining (CML), Add	*190.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*343.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,221.99	175.04
		For Cement Mortar Lining (CML), Add	*195.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0221	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,014.74	182.98
		For Cement Mortar Lining (CML), Add	*173.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*312.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*130.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0222	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,373.13	185.71
		For Cement Mortar Lining (CML), Add	*209.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*376.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0223	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,715.07	193.68
		For Cement Mortar Lining (CML), Add	*242.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*435.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*181.62*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0224	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,542.04	201.36
		For Cement Mortar Lining (CML), Add	*323.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*582.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*242.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0225	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,794.01	209.32
		For Cement Mortar Lining (CML), Add	*347.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*625.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*260.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0226	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,709.01	222.48
		For Cement Mortar Lining (CML), Add	*337.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*606.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*252.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,440.51	222.77
		For Cement Mortar Lining (CML), Add	*210.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*378.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*157.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,684.99	230.73
		For Cement Mortar Lining (CML), Add	*233.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*420.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*175.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,163.34	238.41
		For Cement Mortar Lining (CML), Add	*280.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*504.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,537.14	246.36
		For Cement Mortar Lining (CML), Add	*316.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*569.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*237.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,423.04	259.54
		For Cement Mortar Lining (CML), Add	*402.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*725.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,267.41	278.06
		For Cement Mortar Lining (CML), Add	*384.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*692.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*288.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,837.61	285.10
		For Cement Mortar Lining (CML), Add	*340.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*613.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*255.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,130.82	293.05
		For Cement Mortar Lining (CML), Add	*368.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*663.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*276.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,414.23	300.75
		For Cement Mortar Lining (CML), Add	*395.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*712.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*296.89*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0236	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,722.44	308.70
		For Cement Mortar Lining (CML), Add	*425.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*765.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*319.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,776.12	321.86
		For Cement Mortar Lining (CML), Add	*428.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*771.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,826.68	340.39
		For Cement Mortar Lining (CML), Add	*431.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*775.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*323.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,420.31	371.56
		For Cement Mortar Lining (CML), Add	*385.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*694.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*289.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,559.26	408.83
		For Cement Mortar Lining (CML), Add	*393.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*709.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*295.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,659.42	416.80
		For Cement Mortar Lining (CML), Add	*402.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*725.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,113.40	424.47
		For Cement Mortar Lining (CML), Add	*447.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*804.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*335.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,564.05	432.43
		For Cement Mortar Lining (CML), Add	*490.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*883.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*368.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,621.49	445.60
		For Cement Mortar Lining (CML), Add	*494.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*890.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*370.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,688.91	464.13
		For Cement Mortar Lining (CML), Add	*498.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*897.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*373.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0246	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	6,587.07	495.28
		For Cement Mortar Lining (CML), Add	*583.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,050.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*437.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	6,249.72	557.15
		For Cement Mortar Lining (CML), Add	*540.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*973.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*405.42*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0248	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	5,546.50	532.18
		For Cement Mortar Lining (CML), Add	*474.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*853.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*355.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	5,618.54	540.14
		For Cement Mortar Lining (CML), Add	*480.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*864.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*360.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	6,250.58	547.83
		For Cement Mortar Lining (CML), Add	*542.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*975.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*406.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	6,540.02	555.79
		For Cement Mortar Lining (CML), Add	*569.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,025.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*427.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	7,542.13	568.95
		For Cement Mortar Lining (CML), Add	*668.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,202.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*501.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	8,374.28	587.47
		For Cement Mortar Lining (CML), Add	*748.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,347.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*561.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	9,366.16	618.65
		For Cement Mortar Lining (CML), Add	*842.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,517.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*632.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	10,290.22	680.51
		For Cement Mortar Lining (CML), Add	*925.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,666.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*694.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	9,146.61	742.19
		For Cement Mortar Lining (CML), Add	*802.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,443.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*601.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	30" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	11,395.98	619.83
		For Cement Mortar Lining (CML), Add	*1,045.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,882.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*784.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	30" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	12,768.80	627.80
		For Cement Mortar Lining (CML), Add	*1,181.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,127.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*886.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	30" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	13,507.68	635.48
		For Cement Mortar Lining (CML), Add	*1,254.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,258.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*940.86*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0260	EA	30" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	14,246.98	643.44
		For Cement Mortar Lining (CML), Add	*1,327.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,388.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*995.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	30" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	15,295.92	656.62
		For Cement Mortar Lining (CML), Add	*1,430.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,574.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,072.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	30" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	16,426.08	675.14
		For Cement Mortar Lining (CML), Add	*1,540.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,772.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,155.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	30" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	16,842.55	706.30
		For Cement Mortar Lining (CML), Add	*1,577.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,839.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,182.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	30" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	17,451.73	768.18
		For Cement Mortar Lining (CML), Add	*1,628.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,931.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,221.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	30" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	18,289.29	829.85
		For Cement Mortar Lining (CML), Add	*1,703.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,065.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,277.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	30" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	19,819.54	873.68
		For Cement Mortar Lining (CML), Add	*1,849.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,329.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,387.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	36" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	21,717.05	712.08
		For Cement Mortar Lining (CML), Add	*2,063.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,714.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,547.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	36" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	22,567.32	725.25
		For Cement Mortar Lining (CML), Add	*2,146.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,864.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,610.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0269	EA	36" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	23,414.47	743.78
		For Cement Mortar Lining (CML), Add	*2,228.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,011.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,671.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0270	EA	36" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	25,049.23	774.94
		For Cement Mortar Lining (CML), Add	*2,387.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,297.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,790.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	36" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	26,736.14	836.80
		For Cement Mortar Lining (CML), Add	*2,546.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,584.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,910.12*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0272	EA	36" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	29,654.20	898.47
		For Cement Mortar Lining (CML), Add	*2,829.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,092.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,121.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	36" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	33,212.46	942.31
		For Cement Mortar Lining (CML), Add	*3,178.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,721.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,383.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	36" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	39,620.28	976.63
		For Cement Mortar Lining (CML), Add	*3,814.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,865.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,860.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	42" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	34,865.09	875.17
		For Cement Mortar Lining (CML), Add	*3,353.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,037.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,515.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	42" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	35,740.13	936.84
		For Cement Mortar Lining (CML), Add	*3,432.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,177.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,574.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	42" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	38,175.68	980.68
		For Cement Mortar Lining (CML), Add	*3,668.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,604.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,751.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0278	EA	42" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	43,644.47	1,015.00
		For Cement Mortar Lining (CML), Add	*4,210.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,579.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,158.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	42" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	51,459.45	1,034.17
		For Cement Mortar Lining (CML), Add	*4,989.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8,980.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,741.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	48" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	34,402.92	936.31
		For Cement Mortar Lining (CML), Add	*3,298.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,937.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,473.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	48" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	38,957.25	997.98
		For Cement Mortar Lining (CML), Add	*3,744.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,740.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,808.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0282	EA	48" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	41,518.39	1,041.80
		For Cement Mortar Lining (CML), Add	*3,993.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,189.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,995.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	48" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	47,315.18	1,076.13
		For Cement Mortar Lining (CML), Add	*4,568.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8,223.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,426.35*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0284	EA	48" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	61,832.73	1,095.31
		For Cement Mortar Lining (CML), Add	*6,017.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10,831.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4,512.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	48" x 48" Mechanical Joint Ductile Iron Wye (Lateral)	67,876.87	1,125.87
		For Cement Mortar Lining (CML), Add	*6,617.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11,910.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4,962.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286		**Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee** *(33 14 13 13-0002)*		
33 14 13 13-0287	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	558.15	118.55
		For Cement Mortar Lining (CML), Add	*37.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.40*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*28.40*	
33 14 13 13-0288	EA	8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	662.36	135.32
		For Cement Mortar Lining (CML), Add	*45.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.30*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*34.30*	
33 14 13 13-0289	EA	10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	997.11	143.48
		For Cement Mortar Lining (CML), Add	*77.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*140.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.48*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*58.48*	
33 14 13 13-0290	EA	12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,120.54	159.37
		For Cement Mortar Lining (CML), Add	*87.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*158.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.93*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*65.93*	
33 14 13 13-0291	EA	14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,525.94	185.71
		For Cement Mortar Lining (CML), Add	*124.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*224.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.34*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*93.34*	
33 14 13 13-0292	EA	16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,947.56	222.77
		For Cement Mortar Lining (CML), Add	*161.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.75*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*120.75*	
33 14 13 13-0293	EA	18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,392.51	285.10
		For Cement Mortar Lining (CML), Add	*196.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*147.04*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*147.04*	
33 14 13 13-0294	EA	20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,354.07	408.83
		For Cement Mortar Lining (CML), Add	*273.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*492.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*205.10*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*205.10*	
33 14 13 13-0295	EA	24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,901.62	532.18
		For Cement Mortar Lining (CML), Add	*313.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*564.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*235.04*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*235.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0296	EA	30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	7,594.86	619.83
		For Cement Mortar Lining (CML), Add	*665.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,198.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*499.18*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*499.18*	
33 14 13 13-0297		Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*		
33 14 13 13-0298	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	501.92	118.55
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*32.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.18*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*24.18*	
33 14 13 13-0299	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	587.39	135.32
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*38.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.68*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*28.68*	
33 14 13 13-0300	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	832.17	143.48
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*61.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.11*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*46.11*	
33 14 13 13-0301	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,028.69	159.37
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*78.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.04*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*59.04*	
33 14 13 13-0302	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,293.52	185.71
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*101.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.91*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*75.91*	
33 14 13 13-0303	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,632.68	222.77
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*129.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*233.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.14*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*97.14*	
33 14 13 13-0304	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	2,109.49	285.10
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*167.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*301.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.81*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*125.81*	
33 14 13 13-0305	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	2,310.08	408.83
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*169.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*304.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*126.80*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*126.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0306	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland.	3,202.50	532.18
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*243.47*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*438.25*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*182.61*	
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*182.61*	
33 14 13 13-0307		Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)*		
33 14 13 13-0308	EA	3" x 3" Mechanical Joint Ductile Iron Cross	380.33	91.44
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*24.18*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*43.52*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*18.13*	
33 14 13 13-0309	EA	4" x 3" Mechanical Joint Ductile Iron Cross	460.03	99.50
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*30.93*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*55.67*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*23.19*	
33 14 13 13-0310	EA	4" x 4" Mechanical Joint Ductile Iron Cross	544.55	100.85
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*39.17*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*70.51*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*29.38*	
33 14 13 13-0311	EA	6" x 3" Mechanical Joint Ductile Iron Cross	650.05	124.66
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*46.11*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*82.99*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*34.58*	
33 14 13 13-0312	EA	6" x 4" Mechanical Joint Ductile Iron Cross	631.08	134.47
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*42.73*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*76.92*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*32.05*	
33 14 13 13-0313	EA	6" x 6" Mechanical Joint Ductile Iron Cross	734.51	168.08
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*47.98*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*86.37*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*35.99*	
33 14 13 13-0314	EA	8" x 4" Mechanical Joint Ductile Iron Cross	648.34	147.09
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*42.55*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*76.58*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*31.91*	
33 14 13 13-0315	EA	8" x 6" Mechanical Joint Ductile Iron Cross	770.48	180.70
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*49.67*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*89.40*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*37.25*	
33 14 13 13-0316	EA	8" x 8" Mechanical Joint Ductile Iron Cross	815.86	193.30
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*52.29*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*94.13*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*39.22*	
33 14 13 13-0317	EA	10" x 4" Mechanical Joint Ductile Iron Cross	787.89	153.84
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*55.48*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*99.86*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*41.61*	
33 14 13 13-0318	EA	10" x 6" Mechanical Joint Ductile Iron Cross	903.58	185.67
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*62.23*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*112.01*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*46.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0319	EA	10" x 8" Mechanical Joint Ductile Iron Cross	1,071.63	197.61
		For Cement Mortar Lining (CML), Add	*77.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320	EA	10" x 10" Mechanical Joint Ductile Iron Cross	1,159.34	212.16
		For Cement Mortar Lining (CML), Add	*83.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321	EA	12 x 4" Mechanical Joint Ductile Iron Cross	954.16	167.08
		For Cement Mortar Lining (CML), Add	*70.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322	EA	12" x 6" Mechanical Joint Ductile Iron Cross	1,109.20	198.91
		For Cement Mortar Lining (CML), Add	*80.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,594.01	210.85
		For Cement Mortar Lining (CML), Add	*127.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*229.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,616.13	225.46
		For Cement Mortar Lining (CML), Add	*127.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*229.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,832.99	238.69
		For Cement Mortar Lining (CML), Add	*147.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,875.94	218.78
		For Cement Mortar Lining (CML), Add	*154.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*278.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	14" x 8" Mechanical Joint Ductile Iron Cross	2,205.17	230.73
		For Cement Mortar Lining (CML), Add	*185.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*334.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*139.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	14" x 10" Mechanical Joint Ductile Iron Cross	2,264.77	245.33
		For Cement Mortar Lining (CML), Add	*189.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*141.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329	EA	14" x 12" Mechanical Joint Ductile Iron Cross	2,389.81	258.57
		For Cement Mortar Lining (CML), Add	*199.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*359.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330	EA	14" x 14" Mechanical Joint Ductile Iron Cross	2,642.96	278.47
		For Cement Mortar Lining (CML), Add	*222.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*399.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*166.58*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0331	EA	16" x 6" Mechanical Joint Ductile Iron Cross	2,144.90	246.62
		For Cement Mortar Lining (CML), Add	*177.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*318.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0332	EA	16" x 8" Mechanical Joint Ductile Iron Cross	2,438.51	258.57
		For Cement Mortar Lining (CML), Add	*204.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*368.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	16" x 10" Mechanical Joint Ductile Iron Cross	2,915.31	273.15
		For Cement Mortar Lining (CML), Add	*250.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*450.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*187.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0334	EA	16" x 12" Mechanical Joint Ductile Iron Cross	3,247.29	286.40
		For Cement Mortar Lining (CML), Add	*281.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*506.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0335	EA	16" x 14" Mechanical Joint Ductile Iron Cross	3,918.43	306.28
		For Cement Mortar Lining (CML), Add	*345.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*621.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*259.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	16" x 16" Mechanical Joint Ductile Iron Cross	4,584.75	334.17
		For Cement Mortar Lining (CML), Add	*407.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*734.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*305.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	18" x 6" Mechanical Joint Ductile Iron Cross	3,536.33	291.62
		For Cement Mortar Lining (CML), Add	*309.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*557.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	18" x 8" Mechanical Joint Ductile Iron Cross	3,738.13	303.57
		For Cement Mortar Lining (CML), Add	*327.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*590.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*245.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	18" x 10" Mechanical Joint Ductile Iron Cross	3,913.93	318.15
		For Cement Mortar Lining (CML), Add	*343.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*617.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*257.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" x 12" Mechanical Joint Ductile Iron Cross	4,241.38	331.40
		For Cement Mortar Lining (CML), Add	*373.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*673.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*280.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	18" x 14" Mechanical Joint Ductile Iron Cross	4,944.39	351.28
		For Cement Mortar Lining (CML), Add	*441.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*794.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*330.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	18" x 16" Mechanical Joint Ductile Iron Cross	5,263.96	379.10
		For Cement Mortar Lining (CML), Add	*468.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*844.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*351.72*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0343	EA	18" x 18" Mechanical Joint Ductile Iron Cross	5,515.81	424.09
		For Cement Mortar Lining (CML), Add	*487.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*877.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*365.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0344	EA	20" x 6" Mechanical Joint Ductile Iron Cross	4,445.48	365.89
		For Cement Mortar Lining (CML), Add	*389.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*700.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*291.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	20" x 8" Mechanical Joint Ductile Iron Cross	4,649.14	377.84
		For Cement Mortar Lining (CML), Add	*407.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*733.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*305.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	20" x 10" Mechanical Joint Ductile Iron Cross	4,793.08	392.43
		For Cement Mortar Lining (CML), Add	*419.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*755.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*314.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	20" x 12" Mechanical Joint Ductile Iron Cross	5,118.65	405.67
		For Cement Mortar Lining (CML), Add	*450.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*810.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*337.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0348	EA	20" x 14" Mechanical Joint Ductile Iron Cross	5,210.62	425.56
		For Cement Mortar Lining (CML), Add	*456.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*821.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*342.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349	EA	20" x 16" Mechanical Joint Ductile Iron Cross	6,294.92	453.38
		For Cement Mortar Lining (CML), Add	*560.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,009.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*420.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350	EA	20" x 18" Mechanical Joint Ductile Iron Cross	6,546.78	498.39
		For Cement Mortar Lining (CML), Add	*579.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,042.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*434.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351	EA	20" x 20" Mechanical Joint Ductile Iron Cross	7,088.55	572.61
		For Cement Mortar Lining (CML), Add	*622.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,119.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*466.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352	EA	24" x 6" Mechanical Joint Ductile Iron Cross	6,055.94	457.72
		For Cement Mortar Lining (CML), Add	*536.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*965.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*402.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0353	EA	24" x 8" Mechanical Joint Ductile Iron Cross	6,198.09	469.66
		For Cement Mortar Lining (CML), Add	*548.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*987.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*411.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354	EA	24" x 10" Mechanical Joint Ductile Iron Cross	6,433.52	484.24
		For Cement Mortar Lining (CML), Add	*569.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,025.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*427.49*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0355	EA	24" x 12" Mechanical Joint Ductile Iron Cross	6,637.27	497.49
		For Cement Mortar Lining (CML), Add	*588.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,059.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*441.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0356	EA	24" x 14" Mechanical Joint Ductile Iron Cross	6,759.22	517.37
		For Cement Mortar Lining (CML), Add	*597.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,075.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*448.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0357	EA	24" x 16" Mechanical Joint Ductile Iron Cross	7,016.94	545.21
		For Cement Mortar Lining (CML), Add	*619.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,114.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*464.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0358	EA	24" x 18" Mechanical Joint Ductile Iron Cross	9,261.20	590.20
		For Cement Mortar Lining (CML), Add	*836.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,506.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*627.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0359	EA	24" x 20" Mechanical Joint Ductile Iron Cross	9,771.11	664.48
		For Cement Mortar Lining (CML), Add	*876.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,577.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*657.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0360	EA	24" x 24" Mechanical Joint Ductile Iron Cross	10,768.66	756.32
		For Cement Mortar Lining (CML), Add	*962.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,732.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*721.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0361	EA	30" x 8" Mechanical Joint Ductile Iron Cross	11,551.39	608.59
		For Cement Mortar Lining (CML), Add	*1,062.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,913.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*797.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0362	EA	30" x 10" Mechanical Joint Ductile Iron Cross	11,781.54	623.19
		For Cement Mortar Lining (CML), Add	*1,083.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,950.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*812.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0363	EA	30" x 12" Mechanical Joint Ductile Iron Cross	12,007.78	636.43
		For Cement Mortar Lining (CML), Add	*1,104.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,987.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*828.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0364	EA	30" x 14" Mechanical Joint Ductile Iron Cross	12,275.94	656.31
		For Cement Mortar Lining (CML), Add	*1,128.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,030.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*846.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0365	EA	30" x 16" Mechanical Joint Ductile Iron Cross	12,584.27	684.14
		For Cement Mortar Lining (CML), Add	*1,154.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,078.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*866.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0366	EA	30" x 18" Mechanical Joint Ductile Iron Cross	12,948.59	729.14
		For Cement Mortar Lining (CML), Add	*1,184.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,131.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*888.29*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0367	EA	30" x 20" Mechanical Joint Ductile Iron Cross	13,415.37	803.42
		For Cement Mortar Lining (CML), Add	*1,219.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,195.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*914.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0368	EA	30" x 24" Mechanical Joint Ductile Iron Cross	17,230.03	895.24
		For Cement Mortar Lining (CML), Add	*1,587.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,857.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,190.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0369	EA	30" x 30" Mechanical Joint Ductile Iron Cross	19,813.44	1,034.18
		For Cement Mortar Lining (CML), Add	*1,824.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,284.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,368.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0370	EA	36" x 8" Mechanical Joint Ductile Iron Cross	16,101.11	659.82
		For Cement Mortar Lining (CML), Add	*1,510.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,718.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,132.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0371	EA	36" x 10" Mechanical Joint Ductile Iron Cross	16,329.39	674.40
		For Cement Mortar Lining (CML), Add	*1,530.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,755.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,148.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0372	EA	36" x 12" Mechanical Joint Ductile Iron Cross	16,525.65	687.65
		For Cement Mortar Lining (CML), Add	*1,548.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,787.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,161.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0373	EA	36" x 14" Mechanical Joint Ductile Iron Cross	16,761.94	707.53
		For Cement Mortar Lining (CML), Add	*1,568.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,824.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,176.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0374	EA	36" x 16" Mechanical Joint Ductile Iron Cross	17,040.27	735.36
		For Cement Mortar Lining (CML), Add	*1,592.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,866.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,194.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0375	EA	36" x 18" Mechanical Joint Ductile Iron Cross	17,372.73	780.35
		For Cement Mortar Lining (CML), Add	*1,619.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,914.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,214.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0376	EA	36" x 20" Mechanical Joint Ductile Iron Cross	17,809.53	854.63
		For Cement Mortar Lining (CML), Add	*1,651.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,972.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,238.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0377	EA	36" x 24" Mechanical Joint Ductile Iron Cross	18,567.18	946.45
		For Cement Mortar Lining (CML), Add	*1,713.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,083.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,284.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0378	EA	36" x 30" Mechanical Joint Ductile Iron Cross	24,989.18	1,085.38
		For Cement Mortar Lining (CML), Add	*2,334.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,202.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,750.85*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0379	EA	36" x 36" Mechanical Joint Ductile Iron Cross	27,450.92	1,136.65
		For Cement Mortar Lining (CML), Add	*2,572.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,631.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,929.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0380	EA	42" x 12" Mechanical Joint Ductile Iron Cross	21,593.70	717.25
		For Cement Mortar Lining (CML), Add	*2,050.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,691.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,538.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0381	EA	42" x 14" Mechanical Joint Ductile Iron Cross	24,408.58	737.15
		For Cement Mortar Lining (CML), Add	*2,329.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,192.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,746.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0382	EA	42" x 16" Mechanical Joint Ductile Iron Cross	22,087.70	764.97
		For Cement Mortar Lining (CML), Add	*2,092.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,767.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,569.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0383	EA	42" x 18" Mechanical Joint Ductile Iron Cross	22,382.67	809.97
		For Cement Mortar Lining (CML), Add	*2,115.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,807.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,586.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0384	EA	42" x 20" Mechanical Joint Ductile Iron Cross	22,804.48	884.25
		For Cement Mortar Lining (CML), Add	*2,146.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,863.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,609.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0385	EA	42" x 24" Mechanical Joint Ductile Iron Cross	23,507.76	976.06
		For Cement Mortar Lining (CML), Add	*2,202.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,965.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,652.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0386	EA	42" x 30" Mechanical Joint Ductile Iron Cross	30,083.46	1,115.01
		For Cement Mortar Lining (CML), Add	*2,839.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,110.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,129.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0387	EA	42" x 36" Mechanical Joint Ductile Iron Cross	39,260.90	1,166.22
		For Cement Mortar Lining (CML), Add	*3,749.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,748.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,812.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0388	EA	42" x 42" Mechanical Joint Ductile Iron Cross	42,064.75	1,195.84
		For Cement Mortar Lining (CML), Add	*4,025.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,245.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,018.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0389	EA	48" x 12" Mechanical Joint Ductile Iron Cross	29,181.02	834.83
		For Cement Mortar Lining (CML), Add	*2,791.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,024.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,093.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0390	EA	48" x 14" Mechanical Joint Ductile Iron Cross	29,379.83	854.72
		For Cement Mortar Lining (CML), Add	*2,808.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,055.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,106.36*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0391	EA	48" x 16" Mechanical Joint Ductile Iron Cross	29,646.92	882.54
		For Cement Mortar Lining (CML), Add	*2,830.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,095.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,123.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0392	EA	48" x 18" Mechanical Joint Ductile Iron Cross	29,940.01	927.54
		For Cement Mortar Lining (CML), Add	*2,853.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,136.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,140.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0393	EA	48" x 20" Mechanical Joint Ductile Iron Cross	30,335.58	1,001.82
		For Cement Mortar Lining (CML), Add	*2,881.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,187.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,161.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0394	EA	48" x 24" Mechanical Joint Ductile Iron Cross	31,008.87	1,093.63
		For Cement Mortar Lining (CML), Add	*2,935.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,283.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,201.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0395	EA	48" x 30" Mechanical Joint Ductile Iron Cross	32,825.68	1,232.58
		For Cement Mortar Lining (CML), Add	*3,095.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,572.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,321.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0396	EA	48" x 36" Mechanical Joint Ductile Iron Cross	40,198.14	1,283.79
		For Cement Mortar Lining (CML), Add	*3,825.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,885.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,868.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0397	EA	48" x 42" Mechanical Joint Ductile Iron Cross	51,651.99	1,313.41
		For Cement Mortar Lining (CML), Add	*4,966.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8,939.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,724.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0398	EA	48" x 48" Mechanical Joint Ductile Iron Cross	55,012.73	1,430.91
		For Cement Mortar Lining (CML), Add	*5,284.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9,512.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,963.34*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0399 Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0002)*

33 14 13 13-0400	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	184.10	49.75
		For Cement Mortar Lining (CML), Add	*10.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0401	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	214.44	62.35
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0402	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	231.79	66.39
		For Cement Mortar Lining (CML), Add	*13.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0403	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	293.39	74.82
		For Cement Mortar Lining (CML), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.49*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0404	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	323.62	87.40
		For Cement Mortar Lining (CML), Add	*19.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0405	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	353.24	78.51
		For Cement Mortar Lining (CML), Add	*23.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0406	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	384.43	90.44
		For Cement Mortar Lining (CML), Add	*24.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0407	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	420.86	98.39
		For Cement Mortar Lining (CML), Add	*27.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0408	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	427.13	86.45
		For Cement Mortar Lining (CML), Add	*29.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0409	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	475.20	98.39
		For Cement Mortar Lining (CML), Add	*32.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0410	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	496.64	106.35
		For Cement Mortar Lining (CML), Add	*33.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0411	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	543.90	114.03
		For Cement Mortar Lining (CML), Add	*37.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0412	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	892.51	111.55
		For Cement Mortar Lining (CML), Add	*72.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*130.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0413	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	867.09	119.52
		For Cement Mortar Lining (CML), Add	*68.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*123.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0414	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	777.53	127.20
		For Cement Mortar Lining (CML), Add	*58.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0415	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	817.69	135.16
		For Cement Mortar Lining (CML), Add	*61.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.97*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0416	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,048.02	130.07
		For Cement Mortar Lining (CML), Add	*85.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*153.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0417	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,028.24	138.04
		For Cement Mortar Lining (CML), Add	*81.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*147.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0418	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,009.89	145.73
		For Cement Mortar Lining (CML), Add	*78.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*142.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0419	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,095.04	153.69
		For Cement Mortar Lining (CML), Add	*86.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*155.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0420	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,218.08	166.85
		For Cement Mortar Lining (CML), Add	*96.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*173.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0421	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,307.86	169.21
		For Cement Mortar Lining (CML), Add	*105.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*189.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0422	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,465.71	176.89
		For Cement Mortar Lining (CML), Add	*119.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*215.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0423	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,414.03	184.85
		For Cement Mortar Lining (CML), Add	*113.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0424	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,499.58	198.02
		For Cement Mortar Lining (CML), Add	*119.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*215.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0425	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,580.14	216.54
		For Cement Mortar Lining (CML), Add	*125.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*225.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0426	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,845.82	231.08
		For Cement Mortar Lining (CML), Add	*149.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*269.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0427	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,771.25	238.76
		For Cement Mortar Lining (CML), Add	*140.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*253.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.71*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0428	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,635.23	246.71
		For Cement Mortar Lining (CML), Add	*126.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*227.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0429	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,645.81	259.87
		For Cement Mortar Lining (CML), Add	*125.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*225.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0430	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,700.12	278.41
		For Cement Mortar Lining (CML), Add	*127.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0431	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,037.85	309.57
		For Cement Mortar Lining (CML), Add	*156.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0432	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,399.68	308.39
		For Cement Mortar Lining (CML), Add	*193.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*347.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0433	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,468.37	321.57
		For Cement Mortar Lining (CML), Add	*198.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*356.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0434	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,522.67	340.08
		For Cement Mortar Lining (CML), Add	*200.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0435	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,481.80	371.24
		For Cement Mortar Lining (CML), Add	*191.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*345.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*143.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0436	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,032.87	433.12
		For Cement Mortar Lining (CML), Add	*237.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*427.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0437	EA	30" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,939.47	383.91
		For Cement Mortar Lining (CML), Add	*435.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*784.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*326.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0438	EA	30" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,159.13	415.08
		For Cement Mortar Lining (CML), Add	*453.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*815.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*339.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0439	EA	30" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,001.71	476.94
		For Cement Mortar Lining (CML), Add	*427.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*770.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*320.93*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0440	EA	30" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,890.86	538.63
		For Cement Mortar Lining (CML), Add	*407.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*733.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*305.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0441	EA	36" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,404.11	511.26
		For Cement Mortar Lining (CML), Add	*662.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,193.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*497.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0442	EA	36" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,131.17	572.93
		For Cement Mortar Lining (CML), Add	*526.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*947.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*394.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0443	EA	36" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,658.67	616.76
		For Cement Mortar Lining (CML), Add	*572.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,030.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*429.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0444	EA	42" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,614.50	437.41
		For Cement Mortar Lining (CML), Add	*895.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,611.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*671.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0445	EA	42" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,579.24	468.57
		For Cement Mortar Lining (CML), Add	*886.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,596.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*665.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0446	EA	42" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,642.99	530.44
		For Cement Mortar Lining (CML), Add	*883.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,591.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*662.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0447	EA	42" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,761.70	592.12
		For Cement Mortar Lining (CML), Add	*986.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,775.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*739.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0448	EA	42" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,882.56	635.94
		For Cement Mortar Lining (CML), Add	*791.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,425.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*593.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0449	EA	42" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,298.17	670.26
		For Cement Mortar Lining (CML), Add	*828.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,490.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*621.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0450	EA	48" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,948.36	467.98
		For Cement Mortar Lining (CML), Add	*1,223.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,203.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*917.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0451	EA	48" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,557.00	499.15
		For Cement Mortar Lining (CML), Add	*1,180.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,124.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*885.05*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0452	EA	48" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,975.98	561.01
		For Cement Mortar Lining (CML), Add	*1,112.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,002.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*834.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0453	EA	48" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,352.45	622.69
		For Cement Mortar Lining (CML), Add	*1,140.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,053.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*855.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0454	EA	48" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	14,756.13	666.51
		For Cement Mortar Lining (CML), Add	*1,374.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,474.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,030.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0455	EA	48" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,931.93	700.83
		For Cement Mortar Lining (CML), Add	*1,187.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,136.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*890.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0456	EA	48" x 42" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	14,194.30	720.02
		For Cement Mortar Lining (CML), Add	*1,310.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,358.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*982.75*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0457 Mechanical Joint x Plain End Ductile Iron Offsets *(33 14 13 13-0002)*

33 14 13 13-0458	EA	4" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	864.29	184.90
		For Cement Mortar Lining (CML), Add	*58.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0459	EA	4" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	887.76	184.90
		For Cement Mortar Lining (CML), Add	*60.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0460	EA	6" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,069.32	231.12
		For Cement Mortar Lining (CML), Add	*71.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0461	EA	6" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,166.13	231.12
		For Cement Mortar Lining (CML), Add	*81.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0462	EA	6" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,287.65	231.12
		For Cement Mortar Lining (CML), Add	*93.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0463	EA	8" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,355.04	264.10
		For Cement Mortar Lining (CML), Add	*95.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0464	EA	8" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,598.23	264.10
		For Cement Mortar Lining (CML), Add	*119.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0465	EA	8" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,704.34	264.10
		For Cement Mortar Lining (CML), Add	*130.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0466	EA	10" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,771.04	308.16
		For Cement Mortar Lining (CML), Add	*130.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0467	EA	10" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,116.16	308.16
		For Cement Mortar Lining (CML), Add	*164.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0468	EA	10" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,412.13	308.16
		For Cement Mortar Lining (CML), Add	*194.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0469	EA	12" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,505.82	336.17
		For Cement Mortar Lining (CML), Add	*199.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0470	EA	12" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,766.23	336.17
		For Cement Mortar Lining (CML), Add	*225.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0471	EA	12" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,269.86	336.17
		For Cement Mortar Lining (CML), Add	*276.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*207.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0472	EA	14" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	4,101.85	369.79
		For Cement Mortar Lining (CML), Add	*354.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*265.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0473	EA	14" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	5,143.48	369.79
		For Cement Mortar Lining (CML), Add	*458.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*343.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0474	EA	14" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,034.17	369.79
		For Cement Mortar Lining (CML), Add	*247.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*185.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0475	EA	16" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,532.21	410.92
		For Cement Mortar Lining (CML), Add	*190.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*143.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0476	EA	16" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	3,139.83	410.92
		For Cement Mortar Lining (CML), Add	*251.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*188.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0477	EA	16" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,617.25	410.92
		For Cement Mortar Lining (CML), Add	*299.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*224.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0478		**Mechanical Joint Ductile Iron Caps** *(33 14 13 13-0002)*		
33 14 13 13-0479	EA	3" Mechanical Joint Ductile Iron Caps	207.91	105.06
		For Cement Mortar Lining (CML), Add	*4.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0480	EA	4" Mechanical Joint Ductile Iron Caps	237.37	123.26
		For Cement Mortar Lining (CML), Add	*5.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0481	EA	6" Mechanical Joint Ductile Iron Caps	323.43	154.08
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0482	EA	8" Mechanical Joint Ductile Iron Caps	416.75	176.10
		For Cement Mortar Lining (CML), Add	*15.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0483	EA	10" Mechanical Joint Ductile Iron Caps	591.14	265.21
		For Cement Mortar Lining (CML), Add	*18.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.20*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0484	EA	12" Mechanical Joint Ductile Iron Caps	721.38	289.32
		For Cement Mortar Lining (CML), Add	*28.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0485	EA	14" Mechanical Joint Ductile Iron Caps	911.41	318.25
		For Cement Mortar Lining (CML), Add	*42.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*77.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0486	EA	16" Mechanical Joint Ductile Iron Caps	1,111.19	353.57
		For Cement Mortar Lining (CML), Add	*57.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*103.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0487	EA	18" Mechanical Joint Ductile Iron Caps	1,305.61	397.81
		For Cement Mortar Lining (CML), Add	*70.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0488	EA	20" Mechanical Joint Ductile Iron Caps	1,597.90	454.59
		For Cement Mortar Lining (CML), Add	*90.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*163.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0489	EA	24" Mechanical Joint Ductile Iron Caps	2,051.96	530.42
		For Cement Mortar Lining (CML), Add	*124.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*224.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0490	EA	30" Mechanical Joint Ductile Iron Caps	3,818.98	636.49
		For Cement Mortar Lining (CML), Add	*285.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*513.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*214.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0491	EA	36" Mechanical Joint Ductile Iron Caps	6,397.36	795.62
		For Cement Mortar Lining (CML), Add	*519.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*934.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*389.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0492	EA	42" Mechanical Joint Ductile Iron Caps	9,320.60	954.75
		For Cement Mortar Lining (CML), Add	*787.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,417.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*590.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0493	EA	48" Mechanical Joint Ductile Iron Caps	11,095.13	1,060.83
		For Cement Mortar Lining (CML), Add	*948.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,707.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*711.59*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0494 Mechanical Joint Ductile Iron Plug *(33 14 13 13-0002)*

33 14 13 13-0495	EA	3" Mechanical Joint Ductile Iron Plug	215.41	105.06
		For Cement Mortar Lining (CML), Add	*5.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0496	EA	4" Mechanical Joint Ductile Iron Plug	248.61	123.26
		For Cement Mortar Lining (CML), Add	*6.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.64*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0497	EA	6" Mechanical Joint Ductile Iron Plug	353.42	154.08
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0498	EA	8" Mechanical Joint Ductile Iron Plug	446.73	176.10
		For Cement Mortar Lining (CML), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0499	EA	10" Mechanical Joint Ductile Iron Plug	712.97	265.21
		For Cement Mortar Lining (CML), Add	*31.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0500	EA	12" Mechanical Joint Ductile Iron Plug	755.12	289.32
		For Cement Mortar Lining (CML), Add	*31.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0501	EA	14" Mechanical Joint Ductile Iron Plug	1,126.96	318.25
		For Cement Mortar Lining (CML), Add	*64.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0502	EA	16" Mechanical Joint Ductile Iron Plug	618.24	353.57
		For Cement Mortar Lining (CML), Add	*8.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0503	EA	18" Mechanical Joint Ductile Iron Plug	1,626.12	397.81
		For Cement Mortar Lining (CML), Add	*102.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*184.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0504	EA	20" Mechanical Joint Ductile Iron Plug	2,034.61	454.59
		For Cement Mortar Lining (CML), Add	*134.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*242.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0505	EA	24" Mechanical Joint Ductile Iron Plug	2,670.48	530.42
		For Cement Mortar Lining (CML), Add	*186.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*336.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*140.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0506	EA	30" Mechanical Joint Ductile Iron Plug	4,669.92	636.49
		For Cement Mortar Lining (CML), Add	*370.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*667.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*277.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0507	EA	36" Mechanical Joint Ductile Iron Plug	6,929.66	795.62
		For Cement Mortar Lining (CML), Add	*572.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,030.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*429.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0508	EA	42" Mechanical Joint Ductile Iron Plug	9,388.07	954.75
		For Cement Mortar Lining (CML), Add	*794.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,429.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*595.61*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0509	EA	48" Mechanical Joint Ductile Iron Plug	12,193.48	1,060.83
		For Cement Mortar Lining (CML), Add	*1,058.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,905.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*793.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0510		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*		
33 14 13 13-0511	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	363.78	159.68
		For Cement Mortar Lining (CML), Add	*12.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0512	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	411.34	184.90
		For Cement Mortar Lining (CML), Add	*13.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0513	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	531.99	231.12
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0514	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	675.73	264.10
		For Cement Mortar Lining (CML), Add	*27.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0515	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,082.57	397.81
		For Cement Mortar Lining (CML), Add	*47.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0516	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,272.32	433.98
		For Cement Mortar Lining (CML), Add	*61.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0517	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,699.82	477.37
		For Cement Mortar Lining (CML), Add	*97.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0518	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,918.88	530.42
		For Cement Mortar Lining (CML), Add	*111.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0519	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,609.75	596.72
		For Cement Mortar Lining (CML), Add	*170.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*307.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0520	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,065.03	681.94
		For Cement Mortar Lining (CML), Add	*203.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*365.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0521	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,707.71	795.62
		For Cement Mortar Lining (CML), Add	*250.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*450.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*187.67*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0522	EA	30" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,051.78	954.75
		For Cement Mortar Lining (CML), Add	*460.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*828.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*345.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0523	EA	36" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	8,407.71	1,193.44
		For Cement Mortar Lining (CML), Add	*659.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,187.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*494.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0524	EA	42" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	11,267.59	1,363.88
		For Cement Mortar Lining (CML), Add	*920.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,656.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*690.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0525	EA	48" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	13,934.30	1,591.25
		For Cement Mortar Lining (CML), Add	*1,152.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,074.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*864.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0526		**Mechanical Joint Ductile Iron Long Sleeves** *(33 14 13 13-0002)*		
33 14 13 13-0527	EA	3" Mechanical Joint Ductile Iron Long Sleeves	345.04	159.68
		For Cement Mortar Lining (CML), Add	*10.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0528	EA	4" Mechanical Joint Ductile Iron Long Sleeves	401.97	184.90
		For Cement Mortar Lining (CML), Add	*12.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0529	EA	6" Mechanical Joint Ductile Iron Long Sleeves	554.48	231.12
		For Cement Mortar Lining (CML), Add	*20.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0530	EA	8" Mechanical Joint Ductile Iron Long Sleeves	735.71	264.10
		For Cement Mortar Lining (CML), Add	*33.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0531	EA	10" Mechanical Joint Ductile Iron Long Sleeves	1,001.97	397.81
		For Cement Mortar Lining (CML), Add	*39.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0532	EA	12" Mechanical Joint Ductile Iron Long Sleeves	1,197.34	433.98
		For Cement Mortar Lining (CML), Add	*53.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0533	EA	14" Mechanical Joint Ductile Iron Long Sleeves	1,538.63	477.37
		For Cement Mortar Lining (CML), Add	*81.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*146.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0534	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,836.41	530.42
		For Cement Mortar Lining (CML), Add	*103.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*185.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.46*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0535	EA	18" Mechanical Joint Ductile Iron Long Sleeves	2,225.52	596.72
		For Cement Mortar Lining (CML), Add	*132.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*237.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0536	EA	20" Mechanical Joint Ductile Iron Long Sleeves	2,628.32	681.94
		For Cement Mortar Lining (CML), Add	*159.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*287.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*119.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0537	EA	24" Mechanical Joint Ductile Iron Long Sleeves	3,306.60	795.62
		For Cement Mortar Lining (CML), Add	*210.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*378.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*157.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0538	EA	30" Mechanical Joint Ductile Iron Long Sleeves	5,847.48	954.75
		For Cement Mortar Lining (CML), Add	*440.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*792.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*330.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0539	EA	36" Mechanical Joint Ductile Iron Long Sleeves	7,987.86	1,193.44
		For Cement Mortar Lining (CML), Add	*617.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,112.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*463.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0540	EA	42" Mechanical Joint Ductile Iron Long Sleeves	10,329.94	1,362.33
		For Cement Mortar Lining (CML), Add	*826.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,487.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*619.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0541	EA	48" Mechanical Joint Ductile Iron Long Sleeves	14,022.39	1,591.25
		For Cement Mortar Lining (CML), Add	*1,161.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,090.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*870.86*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0542 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0543 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0542)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0544	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	37.49
33 14 13 13-0545	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	34.14
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0546	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	41.25
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0547	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	48.36
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0548	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	66.85
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0549	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	71.12
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0550	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	116.64
		Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0551	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	123.75
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0552	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	165.00
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0553	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	213.36
		Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0554	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	297.28
		Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0555	EA	30" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	709.78
		Note: Includes twenty (20) 1" diameter plain finish bolts with nut.	
33 14 13 13-0556	EA	36" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	1,530.50
		Note: Includes twenty-four (24) 1" diameter plain finish bolts with nut.	
33 14 13 13-0557	EA	42" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	2,234.59
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with nut.	
33 14 13 13-0558	EA	48" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	2,742.39
		Note: Includes thirty-two (32) 1-1/4" diameter plain finish bolts with nut.	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0559			**Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts** *(33 14 13 13-0542)* Note: Labor installation is included with pipe fittings or valves.		
	33 14 13 13-0560	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	63.73	
	33 14 13 13-0561	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	48.36	
	33 14 13 13-0562	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	61.16	
	33 14 13 13-0563	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	66.85	
	33 14 13 13-0564	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	92.46	
	33 14 13 13-0565	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	96.72	
	33 14 13 13-0566	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	146.51	
	33 14 13 13-0567	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	160.73	
	33 14 13 13-0568	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	213.36	
	33 14 13 13-0569	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	275.95	
	33 14 13 13-0570	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	385.47	
33 14 13 13-0571			**Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0542)* Note: Labor installation is included with pipe fittings or valves.		
	33 14 13 13-0572	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	41.24	
	33 14 13 13-0573	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	36.98	
	33 14 13 13-0574	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	44.09	
	33 14 13 13-0575	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	52.63	
	33 14 13 13-0576	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	72.54	
	33 14 13 13-0577	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	76.81	
	33 14 13 13-0578	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	126.59	
	33 14 13 13-0579	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	133.71	
	33 14 13 13-0580	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	180.64	
	33 14 13 13-0581	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	231.85	
	33 14 13 13-0582	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	324.31	
	33 14 13 13-0583	EA	30" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish bolts with nut.	776.63	
	33 14 13 13-0584	EA	36" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish bolts with nut.	1,721.10	
	33 14 13 13-0585	EA	42" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with nut.	2,492.04	
	33 14 13 13-0586	EA	48" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish bolts with nut.	3,066.69	
33 14 13 13-0587			**Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series)** *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
	33 14 13 13-0588	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	217.75	80.10
	33 14 13 13-0589	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	248.45	94.87
	33 14 13 13-0590	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	308.19	117.41
	33 14 13 13-0591	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	384.41	137.01
	33 14 13 13-0592	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	554.12	198.91
	33 14 13 13-0593	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	683.25	227.35
	33 14 13 13-0594	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	795.72	244.72
	33 14 13 13-0595	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	980.78	265.21
	33 14 13 13-0596	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	1,258.61	318.25
	33 14 13 13-0597	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	1,485.68	353.45
	33 14 13 13-0598	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,929.61	407.82
	33 14 13 13-0599	EA	30" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1130DEC)	3,747.65	489.06
	33 14 13 13-0600	EA	36" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1136DEC)	4,627.91	612.03
	33 14 13 13-0601	EA	42" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1142DEC)	6,831.11	706.18
	33 14 13 13-0602	EA	48" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1148DEC)	8,747.98	908.21
33 14 13 13-0603			**Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®)** *(33 14 13 13-0002)*		
	33 14 13 13-0604	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,641.10	65.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0605	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,832.48	81.94
33 14 13 13-0606	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	7,012.23	121.10
33 14 13 13-0607	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,529.64	143.64
33 14 13 13-0608	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	12,011.65	158.76
33 14 13 13-0609	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	16,021.36	186.25
33 14 13 13-0610	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	19,736.67	208.85
33 14 13 13-0611	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	23,349.56	238.69
33 14 13 13-0612	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	26,323.59	334.17
33 14 13 13-0613	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	35,413.94	417.70
33 14 13 13-0614	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	49,070.49	556.93
33 14 13 13-0615		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)*		
		Note: Includes machined bolts and gasket.		
33 14 13 13-0616	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	216.19	80.10
33 14 13 13-0617	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	277.31	94.87
33 14 13 13-0618	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	358.24	117.41
33 14 13 13-0619	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	408.95	137.01
33 14 13 13-0620	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	717.47	210.10
33 14 13 13-0621	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	812.05	240.16
33 14 13 13-0622		Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)*		
		Note: Includes nuts, bolts and gasket.		
33 14 13 13-0623	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300)	314.23	80.10
33 14 13 13-0624	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	390.74	94.87
33 14 13 13-0625	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	540.62	117.41
33 14 13 13-0626	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	780.84	137.01
33 14 13 13-0627	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,131.53	210.10
33 14 13 13-0628	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,406.35	240.16
33 14 13 13-0629	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,164.16	258.49
33 14 13 13-0630	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	3,030.96	280.14
33 14 13 13-0631	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,428.71	336.17
33 14 13 13-0632	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,787.51	373.35
33 14 13 13-0633	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,581.46	430.78
33 14 13 13-0634	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,893.38	516.61
33 14 13 13-0635	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,799.41	646.49
33 14 13 13-0636	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	22,929.17	745.94
33 14 13 13-0637	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	29,369.07	959.37
33 14 13 13-0638		Mechanical Joint x Restrained Plain End Ductile Iron Flexible Ball Joint *(33 14 13 13-0002)*		
		Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.		
33 14 13 13-0639	EA	4" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	1,264.07	123.26
33 14 13 13-0640	EA	6" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	2,005.21	154.08
33 14 13 13-0641	EA	8" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	2,656.63	176.10
33 14 13 13-0642	EA	10" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	3,670.97	265.21
33 14 13 13-0643	EA	12" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	4,795.90	289.32
33 14 13 13-0644	EA	14" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	5,553.26	318.25
33 14 13 13-0645	EA	16" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	6,172.65	353.57
33 14 13 13-0646	EA	18" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	8,822.38	397.81
33 14 13 13-0647	EA	20" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	9,018.02	454.59
33 14 13 13-0648	EA	24" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	15,736.48	530.42
33 14 13 13-0649	EA	30" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	54,989.53	636.49
33 14 13 13-0650	EA	36" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	78,066.25	795.62
33 14 13 13-0651		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*		
		See CSI section 33 14 13 13-0542 for bolts and gaskets.		
33 14 13 13-0652		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0651)*		
33 14 13 13-0653	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	468.50	45.72
33 14 13 13-0654	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	560.72	54.76
33 14 13 13-0655	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	870.09	80.22
33 14 13 13-0656	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,189.16	95.50
33 14 13 13-0657	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,629.80	106.09
33 14 13 13-0658	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,066.11	124.16
33 14 13 13-0659	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,936.21	139.84
33 14 13 13-0660	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,562.40	159.12
33 14 13 13-0661	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,305.43	223.02
33 14 13 13-0662	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,366.35	278.47
33 14 13 13-0663	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	7,586.87	371.29
33 14 13 13-0664	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	12,142.93	397.81
33 14 13 13-0665	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	17,880.67	413.48
33 14 13 13-0666	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	29,454.75	477.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0667	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	38,527.64	507.51
33 14 13 13-0668		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0651)*		
33 14 13 13-0669	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	447.88	45.72
33 14 13 13-0670	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	525.11	54.76
33 14 13 13-0671	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	808.24	80.22
33 14 13 13-0672	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,093.57	95.50
33 14 13 13-0673	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,427.37	106.09
33 14 13 13-0674	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,884.30	124.16
33 14 13 13-0675	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,546.35	139.84
33 14 13 13-0676	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,048.83	159.12
33 14 13 13-0677	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,606.30	223.02
33 14 13 13-0678	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,378.58	278.47
33 14 13 13-0679	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	5,770.66	371.29
33 14 13 13-0680	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	10,611.61	397.81
33 14 13 13-0681	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	14,669.96	413.48
33 14 13 13-0682	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	21,796.28	477.37
33 14 13 13-0683	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	27,900.24	507.51
33 14 13 13-0684		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0651)*		
33 14 13 13-0685	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	348.54	45.72
33 14 13 13-0686	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	519.49	54.76
33 14 13 13-0687	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	785.75	80.22
33 14 13 13-0688	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,086.07	95.50
33 14 13 13-0689	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,425.50	106.09
33 14 13 13-0690	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,775.59	124.16
33 14 13 13-0691	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,561.35	139.84
33 14 13 13-0692	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,981.36	159.12
33 14 13 13-0693	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,589.44	223.02
33 14 13 13-0694	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,534.15	278.47
33 14 13 13-0695	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,646.95	371.29
33 14 13 13-0696	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,443.91	397.81
33 14 13 13-0697	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	12,889.36	413.48
33 14 13 13-0698	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	18,443.12	477.37
33 14 13 13-0699	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	23,613.67	507.51
33 14 13 13-0700		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0651)*		
33 14 13 13-0701	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	348.54	45.72
33 14 13 13-0702	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	622.57	54.76
33 14 13 13-0703	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	793.25	80.22
33 14 13 13-0704	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,052.33	95.50
33 14 13 13-0705	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,421.75	106.09
33 14 13 13-0706	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,724.98	124.16
33 14 13 13-0707	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,758.15	139.84
33 14 13 13-0708	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,073.20	159.12
33 14 13 13-0709	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,121.74	223.02
33 14 13 13-0710	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,372.96	278.47
33 14 13 13-0711	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,648.82	371.29
33 14 13 13-0712	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	9,567.61	397.81
33 14 13 13-0713	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	12,535.11	413.48
33 14 13 13-0714	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	17,937.05	477.37
33 14 13 13-0715	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	23,478.72	507.51
33 14 13 13-0716		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0651)*		
33 14 13 13-0717	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	410.40	45.72
33 14 13 13-0718	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	603.83	54.76
33 14 13 13-0719	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	941.32	80.22
33 14 13 13-0720	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,279.12	95.50
33 14 13 13-0721	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,761.00	106.09
33 14 13 13-0722	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,210.43	124.16
33 14 13 13-0723	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,972.71	139.84
33 14 13 13-0724	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,199.56	159.12
33 14 13 13-0725	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,085.04	223.02
33 14 13 13-0726	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,166.58	278.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0727	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,831.42	371.29
33 14 13 13-0728		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow** *(33 14 13 13-0651)*		
33 14 13 13-0729	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	410.40	45.72
33 14 13 13-0730	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	532.61	54.76
33 14 13 13-0731	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	838.24	80.22
33 14 13 13-0732	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,185.41	95.50
33 14 13 13-0733	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,571.69	106.09
33 14 13 13-0734	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,045.49	124.16
33 14 13 13-0735	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,726.29	139.84
33 14 13 13-0736	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,275.62	159.12
33 14 13 13-0737	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,129.13	223.02
33 14 13 13-0738	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,430.96	278.47
33 14 13 13-0739	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,698.44	371.29
33 14 13 13-0740		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee** *(33 14 13 13-0651)*		
33 14 13 13-0741	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	578.11	68.58
33 14 13 13-0742	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	630.71	77.32
33 14 13 13-0743	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	665.80	80.22
33 14 13 13-0744	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	948.79	101.69
33 14 13 13-0745	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,028.24	105.69
33 14 13 13-0746	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,084.84	118.43
33 14 13 13-0747	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,261.79	122.24
33 14 13 13-0748	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,365.23	134.98
33 14 13 13-0749	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,501.68	143.89
33 14 13 13-0750	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,693.13	131.40
33 14 13 13-0751	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,690.61	143.45
33 14 13 13-0752	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,831.99	151.89
33 14 13 13-0753	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,976.72	159.12
33 14 13 13-0754	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,037.75	147.07
33 14 13 13-0755	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,055.82	159.12
33 14 13 13-0756	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,223.46	167.56
33 14 13 13-0757	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,563.12	174.79
33 14 13 13-0758	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,569.54	183.23
33 14 13 13-0759	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,911.06	185.65
33 14 13 13-0760	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,149.91	194.09
33 14 13 13-0761	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,823.19	201.32
33 14 13 13-0762	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,035.80	209.75
33 14 13 13-0763	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,739.00	223.02
33 14 13 13-0764	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,482.53	223.02
33 14 13 13-0765	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,670.89	230.25
33 14 13 13-0766	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,404.14	238.69
33 14 13 13-0767	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,131.30	245.92
33 14 13 13-0768	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,390.19	259.18
33 14 13 13-0769	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,876.56	278.47
33 14 13 13-0770	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,572.34	285.70
33 14 13 13-0771	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,822.44	292.93
33 14 13 13-0772	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,139.60	300.16
33 14 13 13-0773	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,432.80	308.60
33 14 13 13-0774	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,582.08	321.86
33 14 13 13-0775	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,964.39	339.95
33 14 13 13-0776	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,658.25	371.29
33 14 13 13-0777	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,256.51	408.66
33 14 13 13-0778	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,345.42	417.10
33 14 13 13-0779	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,874.38	424.33
33 14 13 13-0780	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,163.84	432.77
33 14 13 13-0781	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,225.02	446.03
33 14 13 13-0782	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,146.25	464.11
33 14 13 13-0783	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,857.86	495.46
33 14 13 13-0784	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,699.56	556.93
33 14 13 13-0785	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,380.57	531.62
33 14 13 13-0786	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,441.37	541.26
33 14 13 13-0787	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,557.97	547.30
33 14 13 13-0788	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,731.20	555.73
33 14 13 13-0789	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,656.46	568.99
33 14 13 13-0790	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,986.30	587.07
33 14 13 13-0791	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,829.11	618.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0792	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,147.77	681.10
33 14 13 13-0793	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,519.60	742.58
33 14 13 13-0794	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,169.19	619.62
33 14 13 13-0795	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,633.95	628.06
33 14 13 13-0796	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,239.76	635.30
33 14 13 13-0797	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,847.85	643.73
33 14 13 13-0798	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,711.23	656.99
33 14 13 13-0799	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	13,642.72	873.98
33 14 13 13-0800	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	13,581.24	706.42
33 14 13 13-0801	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	13,564.39	767.90
33 14 13 13-0802	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,132.04	829.37
33 14 13 13-0803	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	16,871.23	873.98
33 14 13 13-0804	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,527.04	696.77
33 14 13 13-0805	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,899.44	704.00
33 14 13 13-0806	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	13,640.60	712.44
33 14 13 13-0807	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,164.74	725.70
33 14 13 13-0808	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,691.38	743.79
33 14 13 13-0809	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	15,705.74	775.13
33 14 13 13-0810	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	16,768.51	836.61
33 14 13 13-0811	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	18,580.72	898.09
33 14 13 13-0812	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	20,986.27	976.44
33 14 13 13-0813	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	24,183.38	976.44
33 14 13 13-0814	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	27,546.22	751.02
33 14 13 13-0815	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	28,100.34	763.07
33 14 13 13-0816	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,906.14	782.37
33 14 13 13-0817	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	35,230.57	813.70
33 14 13 13-0818	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	35,324.30	875.18
33 14 13 13-0819	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,213.75	936.67
33 14 13 13-0820	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,735.62	981.26
33 14 13 13-0821	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	36,846.31	1,015.02
33 14 13 13-0822	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	38,839.66	1,034.31
33 14 13 13-0823	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	32,125.96	811.30
33 14 13 13-0824	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	32,702.58	824.56
33 14 13 13-0825	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	33,521.61	843.84
33 14 13 13-0826	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	34,354.17	873.98
33 14 13 13-0827	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	35,238.87	936.67
33 14 13 13-0828	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	35,437.28	998.14
33 14 13 13-0829	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	38,050.90	1,041.54
33 14 13 13-0830	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,592.49	1,076.51
33 14 13 13-0831	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	38,373.74	1,095.79
33 14 13 13-0832	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	51,137.32	1,125.93

33 14 13 13-0833 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0651)*

33 14 13 13-0834	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	648.44	76.64
33 14 13 13-0835	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	714.04	76.64
33 14 13 13-0836	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	838.23	80.22
33 14 13 13-0837	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	924.43	101.69
33 14 13 13-0838	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,031.99	105.69
33 14 13 13-0839	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,262.90	118.43
33 14 13 13-0840	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,661.02	122.24
33 14 13 13-0841	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,530.17	134.98
33 14 13 13-0842	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,720.97	143.89
33 14 13 13-0843	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,440.99	131.40
33 14 13 13-0844	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,541.55	143.45
33 14 13 13-0845	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,844.13	151.89
33 14 13 13-0846	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,105.06	159.12
33 14 13 13-0847	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,980.53	147.07
33 14 13 13-0848	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,380.97	159.12
33 14 13 13-0849	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,004.06	167.56
33 14 13 13-0850	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,006.34	174.79
33 14 13 13-0851	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,694.14	183.23
33 14 13 13-0852	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,395.52	185.65
33 14 13 13-0853	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,056.10	194.09
33 14 13 13-0854	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,670.28	201.32
33 14 13 13-0855	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,154.67	209.75
33 14 13 13-0856	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,968.45	223.02
33 14 13 13-0857	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,571.61	223.02
33 14 13 13-0858	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,052.26	230.25
33 14 13 13-0859	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,002.93	238.69
33 14 13 13-0860	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,193.05	245.92
33 14 13 13-0861	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,678.73	259.18
33 14 13 13-0862	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,256.95	278.47
33 14 13 13-0863	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,484.15	285.70
33 14 13 13-0864	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,996.65	292.93
33 14 13 13-0865	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,491.87	300.16
33 14 13 13-0866	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,028.74	308.60
33 14 13 13-0867	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,108.67	321.86
33 14 13 13-0868	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,198.58	339.95
33 14 13 13-0869	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,419.22	371.29
33 14 13 13-0870	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,621.90	408.66
33 14 13 13-0871	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,789.54	417.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0872	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,588.39	424.33
33 14 13 13-0873	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,380.17	432.77
33 14 13 13-0874	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,465.72	446.03
33 14 13 13-0875	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,565.00	464.11
33 14 13 13-0876	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	11,122.93	495.46
33 14 13 13-0877	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,451.94	556.93
33 14 13 13-0878	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,231.41	531.62
33 14 13 13-0879	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,350.31	540.06
33 14 13 13-0880	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,464.05	547.30
33 14 13 13-0881	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,969.04	555.73
33 14 13 13-0882	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,733.99	568.99
33 14 13 13-0883	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,192.17	587.07
33 14 13 13-0884	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,916.91	618.42
33 14 13 13-0885	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	17,487.61	681.10
33 14 13 13-0886	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,382.47	742.58
33 14 13 13-0887	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	19,524.91	619.62
33 14 13 13-0888	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	21,954.84	628.06
33 14 13 13-0889	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	23,257.90	635.30
33 14 13 13-0890	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	24,563.24	643.73
33 14 13 13-0891	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	26,412.51	656.99
33 14 13 13-0892	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	28,399.24	675.07
33 14 13 13-0893	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	29,102.48	706.42
33 14 13 13-0894	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	30,112.76	767.90
33 14 13 13-0895	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	31,527.61	829.37
33 14 13 13-0896	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	34,195.57	873.98
33 14 13 13-0897	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	37,759.35	712.44
33 14 13 13-0898	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	39,254.39	725.70
33 14 13 13-0899	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	40,738.81	743.79
33 14 13 13-0900	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	43,606.87	775.13
33 14 13 13-0901	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	46,532.71	836.61
33 14 13 13-0902	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	51,645.60	898.09
33 14 13 13-0903	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	57,917.87	942.69
33 14 13 13-0904	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	69,266.40	976.44
33 14 13 13-0905	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	60,935.01	875.18
33 14 13 13-0906	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	62,417.33	936.67
33 14 13 13-0907	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	66,693.46	981.26
33 14 13 13-0908	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	76,373.84	1,015.02
33 14 13 13-0909	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	90,241.01	1,034.31
33 14 13 13-0910	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	60,041.75	936.67
33 14 13 13-0911	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	68,063.57	998.14
33 14 13 13-0912	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	72,562.76	1,041.54
33 14 13 13-0913	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	82,826.04	1,076.51
33 14 13 13-0914	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	108,604.51	1,095.79
33 14 13 13-0915	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	119,310.09	1,125.93

33 14 13 13-0916 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0651)*

33 14 13 13-0917	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,154.19	118.43
33 14 13 13-0918	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,436.46	134.98
33 14 13 13-0919	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,065.47	143.45
33 14 13 13-0920	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,378.20	159.12
33 14 13 13-0921	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,149.10	185.65
33 14 13 13-0922	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,836.88	223.02
33 14 13 13-0923	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,525.48	285.70
33 14 13 13-0924	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,079.33	408.66
33 14 13 13-0925	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	7,089.84	531.62
33 14 13 13-0926	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	12,929.17	619.62

33 14 13 13-0927 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0651)*

33 14 13 13-0928	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	642.73	91.44
33 14 13 13-0929	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	804.91	99.50
33 14 13 13-0930	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,009.38	100.59
33 14 13 13-0931	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,068.03	124.72
33 14 13 13-0932	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,251.48	134.98
33 14 13 13-0933	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,379.27	168.08
33 14 13 13-0934	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,328.72	147.71
33 14 13 13-0935	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,565.20	180.82
33 14 13 13-0936	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,546.84	193.56
33 14 13 13-0937	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,563.86	154.30
33 14 13 13-0938	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,750.78	185.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0939	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,083.76	197.70
33 14 13 13-0940	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,257.69	212.16
33 14 13 13-0941	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,015.02	167.56
33 14 13 13-0942	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,331.26	198.91
33 14 13 13-0943	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,531.17	210.96
33 14 13 13-0944	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,956.27	225.42
33 14 13 13-0945	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,379.31	238.69
33 14 13 13-0946	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,499.10	218.19
33 14 13 13-0947	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,154.46	230.25
33 14 13 13-0948	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,253.43	245.92
33 14 13 13-0949	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,489.04	257.98
33 14 13 13-0950	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,976.49	278.47
33 14 13 13-0951	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,916.13	247.12
33 14 13 13-0952	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,485.26	257.98
33 14 13 13-0953	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,416.43	273.65
33 14 13 13-0954	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,060.65	286.91
33 14 13 13-0955	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,370.93	306.19
33 14 13 13-0956	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,690.50	333.92
33 14 13 13-0957	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,788.28	291.72
33 14 13 13-0958	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,183.13	303.79
33 14 13 13-0959	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,520.12	318.25
33 14 13 13-0960	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,171.83	331.51
33 14 13 13-0961	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,581.46	350.79
33 14 13 13-0962	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,191.55	378.52
33 14 13 13-0963	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,636.45	424.33
33 14 13 13-0964	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,535.24	366.47
33 14 13 13-0965	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,933.83	377.32
33 14 13 13-0966	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,205.23	392.99
33 14 13 13-0967	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,851.31	406.25
33 14 13 13-0968	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,008.88	425.54
33 14 13 13-0969	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,187.78	453.26
33 14 13 13-0970	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,632.70	497.86
33 14 13 13-0971	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,626.18	572.61
33 14 13 13-0972	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,692.02	458.09
33 14 13 13-0973	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,963.50	470.14
33 14 13 13-0974	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,423.84	484.61
33 14 13 13-0975	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,820.65	497.86
33 14 13 13-0976	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,038.19	517.16
33 14 13 13-0977	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,522.70	544.88
33 14 13 13-0978	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,053.64	590.69
33 14 13 13-0979	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,981.52	664.23
33 14 13 13-0980	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,882.49	755.84
33 14 13 13-0981	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,162.12	608.77
33 14 13 13-0982	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,521.59	623.24
33 14 13 13-0983	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,875.29	636.49
33 14 13 13-0984	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,291.52	655.79
33 14 13 13-0985	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,766.66	684.72
33 14 13 13-0986	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,314.67	729.32
33 14 13 13-0987	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	21,000.75	802.86
33 14 13 13-0988	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	27,102.07	895.68
33 14 13 13-0989	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	31,160.57	1,034.31
33 14 13 13-0990	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,493.32	659.40
33 14 13 13-0991	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,849.06	673.86
33 14 13 13-0992	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,155.90	687.13
33 14 13 13-0993	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,519.65	707.62
33 14 13 13-0994	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,944.17	735.35
33 14 13 13-0995	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	27,441.57	779.95
33 14 13 13-0996	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	28,080.81	854.69
33 14 13 13-0997	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	29,222.69	946.31
33 14 13 13-0998	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	39,507.66	1,084.94
33 14 13 13-0999	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	43,451.98	1,136.77
33 14 13 13-1000	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	34,346.57	717.26
33 14 13 13-1001	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	35,060.81	736.56
33 14 13 13-1002	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	35,472.22	765.49
33 14 13 13-1003	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	36,040.84	810.09
33 14 13 13-1004	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	37,068.06	884.83
33 14 13 13-1005	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	39,255.80	976.44
33 14 13 13-1006	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	47,741.43	1,115.07
33 14 13 13-1007	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	62,579.31	1,165.70
33 14 13 13-1008	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	67,098.17	1,195.84
33 14 13 13-1009	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	46,542.85	835.40
33 14 13 13-1010	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	46,846.62	854.69
33 14 13 13-1011	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	47,252.41	882.42
33 14 13 13-1012	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	47,686.07	927.02
33 14 13 13-1013	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	48,257.83	1,001.76
33 14 13 13-1014	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	49,262.87	1,093.37
33 14 13 13-1015	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	52,078.70	1,232.00
33 14 13 13-1016	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	63,988.88	1,283.84
33 14 13 13-1017	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	82,537.04	1,313.98
33 14 13 13-1018	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	87,877.05	1,430.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1019		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0651)*		
33 14 13 13-1020	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	459.63	49.75
33 14 13 13-1021	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	643.66	62.35
33 14 13 13-1022	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	707.87	66.21
33 14 13 13-1023	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	930.66	75.13
33 14 13 13-1024	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	966.51	87.86
33 14 13 13-1025	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,140.45	78.35
33 14 13 13-1026	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,192.26	90.41
33 14 13 13-1027	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,239.93	98.85
33 14 13 13-1028	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,319.31	86.79
33 14 13 13-1029	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,459.22	98.85
33 14 13 13-1030	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,482.54	106.09
33 14 13 13-1031	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,548.53	114.52
33 14 13 13-1032	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,288.88	112.11
33 14 13 13-1033	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,300.95	119.35
33 14 13 13-1034	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,999.58	127.79
33 14 13 13-1035	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,039.75	135.02
33 14 13 13-1036	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,744.28	130.19
33 14 13 13-1037	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,660.77	138.63
33 14 13 13-1038	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,496.22	145.86
33 14 13 13-1039	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,465.17	153.10
33 14 13 13-1040	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,788.77	166.35
33 14 13 13-1041	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,979.76	168.77
33 14 13 13-1042	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,362.52	177.21
33 14 13 13-1043	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,209.63	184.44
33 14 13 13-1044	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,840.61	197.70
33 14 13 13-1045	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,356.99	216.98
33 14 13 13-1046	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,967.55	231.46
33 14 13 13-1047	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,997.94	238.69
33 14 13 13-1048	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,627.63	247.12
33 14 13 13-1049	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,623.21	260.39
33 14 13 13-1050	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,531.33	278.47
33 14 13 13-1051	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,180.19	309.81
33 14 13 13-1052	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,995.62	308.60
33 14 13 13-1053	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,068.05	321.86
33 14 13 13-1054	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,156.09	339.95
33 14 13 13-1055	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,072.11	371.29
33 14 13 13-1056	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,849.97	432.77
33 14 13 13-1057	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,139.83	383.35
33 14 13 13-1058	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,526.30	414.69
33 14 13 13-1059	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,166.45	477.37
33 14 13 13-1060	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,749.20	538.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1061	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,054.30	511.12
33 14 13 13-1062	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,189.96	572.61
33 14 13 13-1063	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,946.13	617.21
33 14 13 13-1064	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	17,882.13	437.59
33 14 13 13-1065	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	17,771.90	468.93
33 14 13 13-1066	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	17,807.53	530.42
33 14 13 13-1067	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	18,498.89	591.89
33 14 13 13-1068	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,094.06	636.49
33 14 13 13-1069	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,794.56	670.25
33 14 13 13-1070	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	22,548.63	467.73
33 14 13 13-1071	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	21,812.39	499.07
33 14 13 13-1072	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	20,702.82	560.55
33 14 13 13-1073	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	21,300.45	623.24
33 14 13 13-1074	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	25,537.22	666.63
33 14 13 13-1075	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	22,065.49	700.39
33 14 13 13-1076	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	24,276.27	719.68

33 14 13 13-1077 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0651)*

33 14 13 13-1078	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	415.96	105.06
33 14 13 13-1079	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	501.65	123.52
33 14 13 13-1080	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	735.78	154.08
33 14 13 13-1081	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	988.41	175.72
33 14 13 13-1082	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,310.88	265.21
33 14 13 13-1083	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,656.67	289.32
33 14 13 13-1084	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,884.18	318.25
33 14 13 13-1085	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,295.76	353.21
33 14 13 13-1086	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,690.73	397.81
33 14 13 13-1087	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,247.30	454.47
33 14 13 13-1088	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	4,168.06	530.42
33 14 13 13-1089	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	7,590.11	636.49
33 14 13 13-1090	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	12,462.66	795.62
33 14 13 13-1091	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	17,978.08	954.75
33 14 13 13-1092	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	21,413.26	1,060.83

33 14 13 13-1093 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0651)*

33 14 13 13-1094	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	417.84	105.06
33 14 13 13-1095	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	520.39	123.52
33 14 13 13-1096	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	784.51	154.08
33 14 13 13-1097	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,037.15	175.72
33 14 13 13-1098	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,590.15	265.21
33 14 13 13-1099	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,720.39	289.32
33 14 13 13-1100	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,290.91	318.25
33 14 13 13-1101	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,766.21	353.21
33 14 13 13-1102	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,292.39	397.81
33 14 13 13-1103	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	4,060.75	454.47
33 14 13 13-1104	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	5,326.39	530.42
33 14 13 13-1105	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	9,190.78	636.49
33 14 13 13-1106	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	13,457.92	795.62
33 14 13 13-1107	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	18,103.66	954.75
33 14 13 13-1108	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	24,076.67	1,060.83

33 14 13 13-1109 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0651)*

33 14 13 13-1110	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	566.21	159.68
33 14 13 13-1111	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	750.59	184.64
33 14 13 13-1112	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,034.31	231.75
33 14 13 13-1113	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,361.74	263.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1114	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,004.73	397.81
33 14 13 13-1115	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,396.91	433.98
33 14 13 13-1116	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,141.17	477.37
33 14 13 13-1117	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,566.41	530.42
33 14 13 13-1118	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,686.50	596.72
33 14 13 13-1119	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,436.05	682.30
33 14 13 13-1120	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,582.91	795.62
33 14 13 13-1121	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	10,377.71	954.75
33 14 13 13-1122	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	14,124.39	1,193.44
33 14 13 13-1123	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	19,237.21	1,363.41
33 14 13 13-1124	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	23,916.93	1,591.25

33 14 13 13-1125 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0651)*

33 14 13 13-1126	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	588.70	159.68
33 14 13 13-1127	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	722.48	184.64
33 14 13 13-1128	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,066.17	231.75
33 14 13 13-1129	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,447.95	263.60
33 14 13 13-1130	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,884.77	397.81
33 14 13 13-1131	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,284.45	433.98
33 14 13 13-1132	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,901.26	477.37
33 14 13 13-1133	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,438.95	530.42
33 14 13 13-1134	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,109.21	596.72
33 14 13 13-1135	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,785.66	682.30
33 14 13 13-1136	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	5,986.88	795.62
33 14 13 13-1137	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	10,068.45	954.75
33 14 13 13-1138	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	13,091.64	1,193.44
33 14 13 13-1139	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	17,056.88	1,362.20
33 14 13 13-1140	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	25,369.53	1,591.25

33 14 13 13-1141 Push-On Joint Ductile Iron Piping And Gaskets *(33 14 13 13-0001)*

33 14 13 13-1142 Push-On Joint Ductile Iron Pipe *(33 14 13 13-1141)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-1143	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	38.10	10.51
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.53*	
		For Cement Mortar Lining (CML), Add	*2.22*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.66*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*10.54*	
		For >1,000, Deduct	*-1.91*	
		For Class 51, Add	*3.22*	
		For Class 52, Add	*6.94*	
		For Class 53, Add	*12.48*	
		For Class 54, Add	*17.79*	
		For Class 55, Add	*20.48*	
		For Class 56, Add	*23.12*	
33 14 13 13-1144	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	41.78	11.59
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.04*	
		For Cement Mortar Lining (CML), Add	*2.43*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.83*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*11.56*	
		For >1,000, Deduct	*-2.09*	
		For Class 51, Add	*3.54*	
		For Class 52, Add	*7.62*	
		For Class 53, Add	*13.70*	
		For Class 54, Add	*19.53*	
		For Class 55, Add	*22.47*	
		For Class 56, Add	*25.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1145	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	52.37	12.73
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.29*	
		For Cement Mortar Lining (CML), Add	*3.33*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.97*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.50*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*15.80*	
		For >1,000, Deduct	*-2.62*	
		For Class 51, Add	*4.77*	
		For Class 52, Add	*10.30*	
		For Class 53, Add	*18.55*	
		For Class 54, Add	*26.45*	
		For Class 55, Add	*30.42*	
		For Class 56, Add	*34.32*	
33 14 13 13-1146	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	74.06	17.97
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.16*	
		For Cement Mortar Lining (CML), Add	*4.69*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.47*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*22.30*	
		For >1,000, Deduct	*-3.70*	
		For Class 51, Add	*6.74*	
		For Class 52, Add	*14.53*	
		For Class 53, Add	*26.17*	
		For Class 54, Add	*37.33*	
		For Class 55, Add	*42.93*	
		For Class 56, Add	*48.43*	
33 14 13 13-1147	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	86.10	19.89
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.98*	
		For Cement Mortar Lining (CML), Add	*5.60*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*22.38*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.20*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*26.58*	
		For >1,000, Deduct	*-4.31*	
		For Class 51, Add	*8.00*	
		For Class 52, Add	*17.27*	
		For Class 53, Add	*31.12*	
		For Class 54, Add	*44.39*	
		For Class 55, Add	*51.04*	
		For Class 56, Add	*57.58*	
33 14 13 13-1148	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	105.20	22.42
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*31.39*	
		For Cement Mortar Lining (CML), Add	*7.13*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*24.25*	
		For Fusion Bonded Epoxy Lining (206N), Add	*12.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.35*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*33.88*	
		For >1,000, Deduct	*-5.26*	
		For Class 51, Add	*10.15*	
		For Class 52, Add	*21.90*	
		For Class 53, Add	*39.50*	
		For Class 54, Add	*56.36*	
		For Class 55, Add	*64.78*	
		For Class 56, Add	*73.05*	
33 14 13 13-1149	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	124.82	25.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*35.31*	
		For Cement Mortar Lining (CML), Add	*8.61*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*26.70*	
		For Fusion Bonded Epoxy Lining (206N), Add	*15.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*40.91*	
		For >1,000, Deduct	*-6.24*	
		For Class 51, Add	*12.22*	
		For Class 52, Add	*26.38*	
		For Class 53, Add	*47.60*	
		For Class 54, Add	*67.94*	
		For Class 55, Add	*78.08*	
		For Class 56, Add	*88.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1150	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	145.23	29.90
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*41.01*	
		For Cement Mortar Lining (CML), Add	*10.00*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*31.01*	
		For Fusion Bonded Epoxy Lining (206N), Add	*18.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.50*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*47.51*	
		For >1,000, Deduct	*-7.26*	
		For Class 51, Add	*14.20*	
		For Class 52, Add	*30.65*	
		For Class 53, Add	*55.30*	
		For Class 54, Add	*78.92*	
		For Class 55, Add	*90.69*	
		For Class 56, Add	*102.26*	
33 14 13 13-1151	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	167.39	35.80
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*42.99*	
		For Cement Mortar Lining (CML), Add	*11.31*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*31.68*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.49*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*53.74*	
		For >1,000, Deduct	*-8.37*	
		For Class 51, Add	*16.10*	
		For Class 52, Add	*34.74*	
		For Class 53, Add	*62.67*	
		For Class 54, Add	*89.42*	
		For Class 55, Add	*102.78*	
		For Class 56, Add	*115.91*	
33 14 13 13-1152	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	211.82	44.72
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*44.62*	
		For Cement Mortar Lining (CML), Add	*14.40*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*30.23*	
		For Fusion Bonded Epoxy Lining (206N), Add	*25.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.80*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*68.38*	
		For >1,000, Deduct	*-10.59*	
		For Class 51, Add	*20.47*	
		For Class 52, Add	*44.18*	
		For Class 53, Add	*79.69*	
		For Class 54, Add	*113.72*	
		For Class 55, Add	*130.70*	
		For Class 56, Add	*147.38*	
33 14 13 13-1153	LF	30", Class 50, Push-On Joint Ductile Iron Pipe	251.50	47.74
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*55.54*	
		For Cement Mortar Lining (CML), Add	*17.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.44*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-12.58*	
		For Class 51, Add	*25.33*	
		For Class 52, Add	*54.68*	
		For Class 53, Add	*98.73*	
		For Class 54, Add	*140.93*	
		For Class 55, Add	*161.92*	
		For Class 56, Add	*182.53*	
33 14 13 13-1154	LF	36", Class 50, Push-On Joint Ductile Iron Pipe	312.77	50.75
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*73.12*	
		For Cement Mortar Lining (CML), Add	*23.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.69*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-15.64*	
		For Class 51, Add	*33.11*	
		For Class 52, Add	*71.53*	
		For Class 53, Add	*129.28*	
		For Class 54, Add	*184.61*	
		For Class 55, Add	*212.01*	
		For Class 56, Add	*238.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1155	LF	42", Class 50, Push-On Joint Ductile Iron Pipe	382.13	53.77
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*93.24*	
		For Cement Mortar Lining (CML), Add	*30.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.56*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-19.11*	
		For Class 51, Add	*42.01*	
		For Class 52, Add	*90.79*	
		For Class 53, Add	*164.23*	
		For Class 54, Add	*234.57*	
		For Class 55, Add	*269.30*	
		For Class 56, Add	*303.40*	
33 14 13 13-1156	LF	48", Class 50, Push-On Joint Ductile Iron Pipe	460.89	56.66
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*116.23*	
		For Cement Mortar Lining (CML), Add	*37.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.12*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-23.04*	
		For Class 51, Add	*52.18*	
		For Class 52, Add	*112.79*	
		For Class 53, Add	*204.15*	
		For Class 54, Add	*291.65*	
		For Class 55, Add	*334.76*	
		For Class 56, Add	*377.07*	
33 14 13 13-1157	LF	54", Class 50, Push-On Joint Ductile Iron Pipe	585.68	59.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*153.53*	
		For Cement Mortar Lining (CML), Add	*49.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.15*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-29.28*	
		For Class 51, Add	*68.64*	
		For Class 52, Add	*148.41*	
		For Class 53, Add	*268.81*	
		For Class 54, Add	*384.10*	
		For Class 55, Add	*440.75*	
		For Class 56, Add	*496.36*	

33 14 13 13-1158 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-1141)*

33 14 13 13-1159	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	299.76	41.00
		For Cement Mortar Lining (CML), Add	*23.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.82*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*142.57*	
33 14 13 13-1160	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	434.23	60.48
		For Cement Mortar Lining (CML), Add	*34.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.69*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*205.52*	
33 14 13 13-1161	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	584.00	71.82
		For Cement Mortar Lining (CML), Add	*47.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.63*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*285.08*	
33 14 13 13-1162	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	882.35	79.32
		For Cement Mortar Lining (CML), Add	*71.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.87*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*430.97*	
33 14 13 13-1163	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	1,142.65	93.06
		For Cement Mortar Lining (CML), Add	*95.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.27*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*570.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1164	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	2,300.01	104.40
		For Cement Mortar Lining (CML), Add	*208.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*375.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.31*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,250.50*	
33 14 13 13-1165	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	2,599.49	119.35
		For Cement Mortar Lining (CML), Add	*235.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.47*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,411.75*	
33 14 13 13-1166	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	4,058.32	167.08
		For Cement Mortar Lining (CML), Add	*371.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*668.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*278.48*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*2,227.87*	
33 14 13 13-1167	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	4,557.18	210.60
		For Cement Mortar Lining (CML), Add	*413.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*744.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*310.20*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*2,481.62*	
33 14 13 13-1168	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	5,690.19	263.28
		For Cement Mortar Lining (CML), Add	*516.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*929.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*387.28*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*3,098.26*	
33 14 13 13-1169		**Push-On Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-1141)*		
33 14 13 13-1170	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	245.72	41.00
		For Cement Mortar Lining (CML), Add	*18.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.77*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*110.15*	
33 14 13 13-1171	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	361.57	60.48
		For Cement Mortar Lining (CML), Add	*26.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.24*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*161.93*	
33 14 13 13-1172	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	505.83	71.82
		For Cement Mortar Lining (CML), Add	*39.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.77*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*238.18*	
33 14 13 13-1173	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	774.43	79.32
		For Cement Mortar Lining (CML), Add	*61.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.78*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*366.22*	
33 14 13 13-1174	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	1,005.12	93.06
		For Cement Mortar Lining (CML), Add	*81.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*146.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.96*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*487.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1175	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	1,441.28	104.40
		For Cement Mortar Lining (CML), Add	*122.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*220.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.91*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*735.26*	
33 14 13 13-1176	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	2,149.85	119.35
		For Cement Mortar Lining (CML), Add	*190.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*342.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.75*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,141.96*	
33 14 13 13-1177	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	2,458.71	167.08
		For Cement Mortar Lining (CML), Add	*211.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*380.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.51*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,268.10*	
33 14 13 13-1178	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	3,461.99	210.60
		For Cement Mortar Lining (CML), Add	*304.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*547.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*228.06*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,824.50*	
33 14 13 13-1179	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	4,295.29	263.28
		For Cement Mortar Lining (CML), Add	*376.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*678.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*282.66*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*2,261.32*	
33 14 13 13-1180		**Push-On Joint Ductile Iron Tee** *(33 14 13 13-1141)*		
33 14 13 13-1181	EA	4" Tee, Push-On Joint Ductile Iron	459.11	60.48
		For Cement Mortar Lining (CML), Add	*36.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.56*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*220.45*	
33 14 13 13-1182	EA	6" Tee, Push-On Joint Ductile Iron	637.49	88.88
		For Cement Mortar Lining (CML), Add	*50.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.71*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*301.66*	
33 14 13 13-1183	EA	8" Tee, Push-On Joint Ductile Iron	876.12	107.73
		For Cement Mortar Lining (CML), Add	*71.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*427.65*	
33 14 13 13-1184	EA	10" Tee, Push-On Joint Ductile Iron	1,302.38	120.55
		For Cement Mortar Lining (CML), Add	*112.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.12*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*672.94*	
33 14 13 13-1185	EA	12" Tee, Push-On Joint Ductile Iron	1,625.34	138.99
		For Cement Mortar Lining (CML), Add	*141.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*254.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.08*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*848.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1186	EA	14" Tee, Push-On Joint Ductile Iron	2,638.99	167.08
		For Cement Mortar Lining (CML), Add	*238.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*429.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.94*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*1,431.50*	
33 14 13 13-1187	EA	16" Tee, Push-On Joint Ductile Iron	3,826.62	208.92
		For Cement Mortar Lining (CML), Add	*351.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*631.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*263.26*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*2,106.11*	
33 14 13 13-1188	EA	18" Tee, Push-On Joint Ductile Iron	4,803.63	278.71
		For Cement Mortar Lining (CML), Add	*438.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*788.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*328.60*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*2,628.80*	
33 14 13 13-1189	EA	20" Tee, Push-On Joint Ductile Iron	5,656.33	340.07
		For Cement Mortar Lining (CML), Add	*514.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*925.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*385.58*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*3,084.66*	
33 14 13 13-1190	EA	24" Tee, Push-On Joint Ductile Iron	7,416.00	425.05
		For Cement Mortar Lining (CML), Add	*677.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,218.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*507.90*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*4,063.22*	

33 14 13 13-1191 Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-1141)*

33 14 13 13-1192	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	455.50	142.24
		For Cement Mortar Lining (CML), Add	*24.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1193	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	557.71	176.10
		For Cement Mortar Lining (CML), Add	*29.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1194	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	729.45	205.39
		For Cement Mortar Lining (CML), Add	*41.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1195	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	997.50	298.35
		For Cement Mortar Lining (CML), Add	*54.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1196	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,207.54	341.04
		For Cement Mortar Lining (CML), Add	*69.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1197	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,392.74	367.19
		For Cement Mortar Lining (CML), Add	*83.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.73*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1198	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,657.28	397.81
		For Cement Mortar Lining (CML), Add	*105.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*189.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1199	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,959.65	477.37
		For Cement Mortar Lining (CML), Add	*123.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*222.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*92.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1200	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	2,276.38	530.42
		For Cement Mortar Lining (CML), Add	*147.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*265.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1201	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,854.56	612.03
		For Cement Mortar Lining (CML), Add	*192.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*346.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1202	EA	30" Flanged End x Push-On Joint Adapter, Ductile Iron	4,571.64	734.38
		For Cement Mortar Lining (CML), Add	*345.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*622.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*259.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1203	EA	36" Flanged End x Push-On Joint Adapter, Ductile Iron	6,326.18	917.98
		For Cement Mortar Lining (CML), Add	*493.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*888.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*370.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1204	EA	42" Flanged End x Push-On Joint Adapter, Ductile Iron	7,997.81	1,060.83
		For Cement Mortar Lining (CML), Add	*639.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,150.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*479.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1205	EA	48" Flanged End x Push-On Joint Adapter, Ductile Iron	10,207.58	1,363.88
		For Cement Mortar Lining (CML), Add	*814.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,465.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*610.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1206	EA	54" Flanged End x Push-On Joint Adapter, Ductile Iron	12,402.82	1,591.60
		For Cement Mortar Lining (CML), Add	*999.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,798.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*749.34*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-1207 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-1141)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-1208	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	59.29	22.14
33 14 13 13-1209	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	77.33	28.89
33 14 13 13-1210	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	100.55	29.50
33 14 13 13-1211	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	119.58	31.33
33 14 13 13-1212	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	142.68	34.80
33 14 13 13-1213	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	181.01	39.15
33 14 13 13-1214	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	213.81	44.75
33 14 13 13-1215	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	241.35	48.49
33 14 13 13-1216	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	281.13	58.18
33 14 13 13-1217	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	339.68	60.42
33 14 13 13-1218	EA	30" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	437.76	67.14
33 14 13 13-1219	EA	36" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	574.30	72.71
33 14 13 13-1220	EA	42" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	711.27	79.56
33 14 13 13-1221	EA	48" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	840.14	89.50
33 14 13 13-1222	EA	54" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	1,166.56	97.07

33 14 13 13-1223 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-1141)*

33 14 13 13-1224	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	255.87	81.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1225	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	337.14	99.33
33 14 13 13-1226	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	433.71	121.16
33 14 13 13-1227	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	651.74	147.79
33 14 13 13-1228	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	808.22	180.22
33 14 13 13-1229	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,388.47	219.88
33 14 13 13-1230	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,586.07	268.34
33 14 13 13-1231	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,801.77	327.29
33 14 13 13-1232	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,446.76	399.38
33 14 13 13-1233	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	3,119.54	487.14
33 14 13 13-1234	EA	30" Bell Restraint Harness, Ductile Iron (MEGALUG® 173000)	5,371.05	594.42
33 14 13 13-1235	EA	36" Bell Restraint Harness, Ductile Iron (MEGALUG® 173600)	7,614.46	725.10
33 14 13 13-1236	EA	42" Bell Restraint Harness, Ductile Iron (MEGALUG® 174200)	13,808.60	884.71
33 14 13 13-1237	EA	48" Bell Restraint Harness, Ductile Iron (MEGALUG® 174800)	17,860.56	1,079.27

33 14 13 13-1238 Ductile Iron Pipe Repair *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0002 for mechanical joint fittings.

33 14 13 13-1239 Ductile Iron Pipe Repair *(33 14 13 13-1238)*

Note: Includes two transition sleeves, mechanical joint ductile iron sleeve and 16' of ductile iron pipe.

33 14 13 13-1240	EA	30" Diameter Mechanical Ductile Iron Push Joint	4,455.25	
33 14 13 13-1241	EA	36" Diameter Mechanical Ductile Iron Push Joint	5,692.40	
33 14 13 13-1242	EA	42" Diameter Mechanical Ductile Iron Push Joint	7,308.71	
33 14 13 13-1243	EA	48" Diameter Mechanical Ductile Iron Push Joint	9,204.17	
33 14 13 13-1244	EA	54" Diameter Mechanical Ductile Iron Push Joint	13,447.64	

33 14 13 13-1245 WEKO Seals *(33 14 13 13-1238)*

Note: Internal joint seal.

33 14 13 13-1246	EA	16" WEKO Internal Joint Seal	2,618.81	211.78
		For Extra Wide Seals, Add	*86.04*	
33 14 13 13-1247	EA	18" WEKO Internal Joint Seal	2,791.13	223.62
		For Extra Wide Seals, Add	*86.95*	
33 14 13 13-1248	EA	20" WEKO Internal Joint Seal	2,963.27	235.47
		For Extra Wide Seals, Add	*87.84*	
33 14 13 13-1249	EA	24" WEKO Internal Joint Seal	3,136.63	254.31
		For Extra Wide Seals, Add	*89.27*	
33 14 13 13-1250	EA	30" WEKO Internal Joint Seal	3,231.69	273.13
		For Extra Wide Seals, Add	*90.69*	
33 14 13 13-1251	EA	36" WEKO Internal Joint Seal	3,384.77	296.69
		For Extra Wide Seals, Add	*92.48*	
33 14 13 13-1252	EA	42" WEKO Internal Joint Seal	3,603.71	324.95
		For Extra Wide Seals, Add	*94.62*	
33 14 13 13-1253	EA	48" WEKO Internal Joint Seal	3,893.76	348.49
		For Extra Wide Seals, Add	*96.40*	
33 14 13 13-1254	EA	54" WEKO Internal Joint Seal	4,035.81	367.33
		For Extra Wide Seals, Add	*97.83*	
33 14 13 13-1255	EA	60" WEKO Internal Joint Seal	4,199.95	395.58
		For Extra Wide Seals, Add	*99.97*	

33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

Note: Includes detectable tracer wire.

33 14 13 23-0001 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*

33 14 13 23-0002 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0001)*

33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.59	0.92
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.05*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.87	0.99
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.33	1.08
		For >1,000, Deduct	*-0.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.85	1.19
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.95	1.32
		For >1,000, Deduct	*-0.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.24*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	6.36	1.51
		For >1,000, Deduct	*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.39*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	7.84	1.73
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.53*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	11.09	2.14
		For >1,000, Deduct	*-0.55*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.86*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	19.30	2.71
		For >1,000, Deduct	*-0.97*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.88*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	30.21	3.60
		For >1,000, Deduct	*-1.51*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	45.03	4.80
		For >1,000, Deduct	*-2.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*4.95*	
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	62.68	6.47
		For >1,000, Deduct	*-3.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*6.98*	
33 14 13 23-0015		**Class 200, SDR 21 Polyvinyl Chloride (PVC), 90 Degree Elbows** *(33 14 13 23-0001)*		
33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	27.82	10.98
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	35.16	13.73
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	44.27	17.17
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	65.78	19.00
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	71.27	21.29
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	84.23	24.15
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	96.19	27.79
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	132.74	34.12
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	190.13	43.36
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	305.56	56.92
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	376.82	76.14
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	498.44	102.49
33 14 13 23-0028		**Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbows** *(33 14 13 23-0001)*		
33 14 13 23-0029	EA	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	28.31	10.98
33 14 13 23-0030	EA	1" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	35.51	13.73
33 14 13 23-0031	EA	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	44.48	17.17
33 14 13 23-0032	EA	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	59.36	19.00
33 14 13 23-0033	EA	2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	71.86	21.29
33 14 13 23-0034	EA	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	86.65	24.15
33 14 13 23-0035	EA	3" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	95.16	27.79
33 14 13 23-0036	EA	4" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	130.53	34.12
33 14 13 23-0037	EA	6" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	185.67	43.36
33 14 13 23-0038	EA	8" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	297.08	56.92
33 14 13 23-0039	EA	10" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	341.66	76.14
33 14 13 23-0040	EA	12" Class 200, SDR 21 Polyvinyl Chloride (PVC), 45 Degree Elbow	449.79	102.49
33 14 13 23-0041		**Class 200, SDR 21 Polyvinyl Chloride (PVC), Tees Or Wyes** *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	41.69	16.48
33 14 13 23-0043	EA	1" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	52.62	20.71
33 14 13 23-0044	EA	1-1/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	65.96	25.87
33 14 13 23-0045	EA	1-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	90.78	28.61
33 14 13 23-0046	EA	2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	103.25	31.82
33 14 13 23-0047	EA	2-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	120.09	36.29
33 14 13 23-0048	EA	3" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	146.99	41.58
33 14 13 23-0049	EA	4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	192.56	51.25
33 14 13 23-0050	EA	6" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	315.93	65.14
33 14 13 23-0051	EA	8" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	471.42	85.38
33 14 13 23-0052	EA	10" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	548.62	115.34
33 14 13 23-0053	EA	12" Class 200 SDR 21 Polyvinyl Chloride (PVC), Tee Or Wye	686.84	155.22
33 14 13 23-0054		**Class 200, SDR 21 Polyvinyl Chloride (PVC), Couplings** *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	18.63	7.33
33 14 13 23-0056	EA	1" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	25.14	9.84
33 14 13 23-0057	EA	1-1/4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	33.54	12.94
33 14 13 23-0058	EA	1-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	46.40	14.31
33 14 13 23-0059	EA	2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	51.19	15.91
33 14 13 23-0060	EA	2-1/2" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	58.23	18.09
33 14 13 23-0061	EA	3" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	68.14	20.79
33 14 13 23-0062	EA	4" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	93.05	25.57
33 14 13 23-0063	EA	6" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	132.37	32.57
33 14 13 23-0064	EA	8" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	222.91	42.69
33 14 13 23-0065	EA	10" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	260.51	57.73
33 14 13 23-0066	EA	12" Class 200 SDR 21 Polyvinyl Chloride (PVC), Coupling	332.29	77.61
33 14 13 23-0067		**Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0068		**Schedule 40 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.84	0.92
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.34	0.99
		For >1,000, Deduct	*-0.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.29	1.19
		For >1,000, Deduct	*-0.21*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.20*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.11	1.32
		For >1,000, Deduct	*-0.26*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.62	1.51
		For >1,000, Deduct	*-0.33*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.43*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	8.01	1.73
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.55*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	10.64	2.14
		For >1,000, Deduct	*-0.53*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.80*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	16.03	2.71
		For >1,000, Deduct	*-0.80*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.39*	
33 14 13 23-0077		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	28.00	10.98
33 14 13 23-0079	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	35.27	13.73
33 14 13 23-0080	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	49.02	19.00
33 14 13 23-0081	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	55.35	21.29
33 14 13 23-0082	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	66.35	24.15
33 14 13 23-0083	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	76.63	27.79
33 14 13 23-0084	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	100.00	34.12
33 14 13 23-0085	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbow	155.07	43.36
33 14 13 23-0086		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	27.95	10.98
33 14 13 23-0088	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	35.22	13.73
33 14 13 23-0089	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	49.04	19.00
33 14 13 23-0090	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	55.18	21.29
33 14 13 23-0091	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	65.90	24.15
33 14 13 23-0092	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	76.09	27.79
33 14 13 23-0093	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	98.91	34.12
33 14 13 23-0094	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbow	151.62	43.36
33 14 13 23-0095		**Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	41.88	16.48
33 14 13 23-0097	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	52.76	20.71
33 14 13 23-0098	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	73.32	28.61
33 14 13 23-0099	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	82.43	31.82
33 14 13 23-0100	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	99.80	36.29
33 14 13 23-0101	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	117.12	41.58
33 14 13 23-0102	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	145.58	51.25
33 14 13 23-0103	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tee Or Wye	235.93	65.14
33 14 13 23-0104		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Coupling	18.71	7.33
33 14 13 23-0106	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Coupling	25.21	9.84
33 14 13 23-0107	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	36.55	14.31
33 14 13 23-0108	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	41.20	15.91
33 14 13 23-0109	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Coupling	48.31	18.09
33 14 13 23-0110	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Coupling	56.65	20.79
33 14 13 23-0111	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Coupling	70.16	25.57
33 14 13 23-0112	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Coupling	102.61	32.57
33 14 13 23-0113		**Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Cross	56.00	21.98
33 14 13 23-0115	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Cross	70.25	27.59
33 14 13 23-0116	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Cross	97.74	38.11
33 14 13 23-0117	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Cross	109.90	42.47
33 14 13 23-0118	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Cross	133.01	48.30
33 14 13 23-0119	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Cross	156.08	55.47
33 14 13 23-0120	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Cross	194.01	68.26
33 14 13 23-0121	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Cross	314.13	86.82
33 14 13 23-0122		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0123		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.61	0.99
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.17*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.83	1.19
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.28*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.02	1.32
		For >1,000, Deduct	*-0.30*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.80	1.51
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.60*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	9.66	1.73
		For >1,000, Deduct	*-0.48*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.80*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	13.17	2.14
		For >1,000, Deduct	*-0.66*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.17*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	21.67	2.71
		For >1,000, Deduct	*-1.08*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.23*	

33 14 13 23-0131 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(33 14 13 23-0122)*

33 14 13 23-0132	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	36.67	13.73
33 14 13 23-0133	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	49.02	19.00
33 14 13 23-0134	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	56.76	21.29
33 14 13 23-0135	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	69.33	24.15
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	79.39	27.79
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	100.66	34.12
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	151.91	43.36

33 14 13 23-0139 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(33 14 13 23-0122)*

33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	42.42	13.73
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	54.56	19.00
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	62.08	21.29
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	79.32	24.15
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	92.40	27.79
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	126.81	34.12
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	150.16	43.36

33 14 13 23-0147 Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes *(33 14 13 23-0122)*

33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	55.70	20.71
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	82.26	28.61
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	93.08	31.82
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	105.44	36.29
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	122.52	41.58
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	149.47	51.25
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	235.79	65.14

33 14 13 23-0155 Schedule 80 Polyvinyl Chloride (PVC) Couplings *(33 14 13 23-0122)*

33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	27.31	9.84
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	40.16	14.31
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	44.60	15.91
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	57.04	18.09
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	65.44	20.79
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	80.85	25.57
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	117.54	32.57

33 14 13 23-0163 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(33 14 13 23-0122)*

33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	74.16	27.59
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	109.61	38.11
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	124.04	42.47
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	140.50	48.30
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	163.25	55.47
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	199.18	68.26
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	313.95	86.82

33 14 13 23-0171 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23)*

Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.

33 14 13 23-0172 AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0171)*

33 14 13 23-0173	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	12.03	4.30
33 14 13 23-0174	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	17.41	5.21
33 14 13 23-0175	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	23.79	5.86
33 14 13 23-0176	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	31.24	6.51
33 14 13 23-0177	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	40.37	7.30

33 14 13 23-0178 AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0171)*

33 14 13 23-0179	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	13.26	4.30
33 14 13 23-0180	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	19.97	5.21
33 14 13 23-0181	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	28.09	5.86
33 14 13 23-0182	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	37.93	6.51
33 14 13 23-0183	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	49.71	7.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0184		**AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0185	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	14.47	4.30
33 14 13 23-0186	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	22.51	5.21
33 14 13 23-0187	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	32.39	5.86
33 14 13 23-0188	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	44.47	6.51
33 14 13 23-0189	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	59.05	7.30
33 14 13 23-0190		**AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0191	LF	18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	63.34	10.93
33 14 13 23-0192	LF	20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	77.20	13.02
33 14 13 23-0193	LF	24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	103.51	15.62
33 14 13 23-0194	LF	30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	149.40	18.23
33 14 13 23-0195	LF	36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	206.07	20.83
33 14 13 23-0196	LF	42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	260.96	22.14
33 14 13 23-0197	LF	48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	330.37	23.82
33 14 13 23-0198		**AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0199	LF	14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	46.76	8.20
33 14 13 23-0200	LF	16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	58.62	9.11
33 14 13 23-0201	LF	18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	72.69	10.93
33 14 13 23-0202	LF	20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	89.34	13.02
33 14 13 23-0203	LF	24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	122.23	15.62
33 14 13 23-0204	LF	30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	176.25	18.23
33 14 13 23-0205	LF	36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	242.02	20.83
33 14 13 23-0206	LF	42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	320.75	22.14
33 14 13 23-0207	LF	48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	407.95	23.82
33 14 13 23-0208		**AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0209	LF	14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	53.95	8.20
33 14 13 23-0210	LF	16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	68.61	9.11
33 14 13 23-0211	LF	18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	85.09	10.93
33 14 13 23-0212	LF	20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	105.43	13.02
33 14 13 23-0213	LF	24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	145.33	15.62
33 14 13 23-0214	LF	30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	210.96	18.23
33 14 13 23-0215	LF	36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	292.69	20.83
33 14 13 23-0216	LF	42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	380.78	22.14
33 14 13 23-0217	LF	48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	486.28	23.82
33 14 13 23-0218		**AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0219	LF	14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	66.25	8.20
33 14 13 23-0220	LF	16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	83.21	9.11
33 14 13 23-0221	LF	18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	103.89	10.93
33 14 13 23-0222	LF	20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	128.14	13.02
33 14 13 23-0223	LF	24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	178.08	15.62
33 14 13 23-0224	LF	30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	262.35	18.23
33 14 13 23-0225	LF	36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	371.70	20.83
33 14 13 23-0226	LF	42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	496.64	22.14
33 14 13 23-0227	LF	48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	641.76	23.82
33 14 13 23-0228		**AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0229	LF	14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	75.49	8.20
33 14 13 23-0230	LF	16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	95.23	9.11
33 14 13 23-0231	LF	18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	119.06	10.93
33 14 13 23-0232	LF	20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	147.02	13.02
33 14 13 23-0233	LF	24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	205.24	15.62
33 14 13 23-0234	LF	30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	304.14	18.23
33 14 13 23-0235	LF	36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	432.75	20.83
33 14 13 23-0236	LF	42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	580.32	22.14
33 14 13 23-0237		**AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0238	LF	14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	84.49	8.20
33 14 13 23-0239	LF	16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	106.93	9.11
33 14 13 23-0240	LF	18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	133.79	10.93
33 14 13 23-0241	LF	20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	165.40	13.02
33 14 13 23-0242	LF	24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	231.67	15.62
33 14 13 23-0243	LF	30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	344.80	18.23
33 14 13 23-0244	LF	36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	492.16	20.83
33 14 13 23-0245		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)* Note: Includes rubber gaskets.		
33 14 13 23-0246		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbows** *(33 14 13 23-0245)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0247	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	217.60	13.73
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0248	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	445.94	15.45
		For DR 25, Deduct	*-24.90*	
33 14 13 23-0249	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	670.04	17.17
		For DR 25, Deduct	*-38.14*	
33 14 13 23-0250	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	1,022.57	26.95
		For DR 25, Deduct	*-58.12*	
33 14 13 23-0251	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	1,330.17	44.92
		For DR 25, Deduct	*-74.42*	
33 14 13 23-0252	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	1,998.27	56.16
		For DR 25, Deduct	*-113.16*	
33 14 13 23-0253	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	2,384.66	67.39
		For DR 25, Deduct	*-134.99*	
33 14 13 23-0254	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	4,093.53	89.85
		For DR 25, Deduct	*-234.83*	
33 14 13 23-0255	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	5,039.18	112.31
		For DR 25, Deduct	*-288.87*	
33 14 13 23-0256	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 90 Degree Elbow	8,367.05	151.62
		For DR 25, Deduct	*-483.83*	

33 14 13 23-0257 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbows *(33 14 13 23-0245)*

33 14 13 23-0258	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	192.78	13.73
		For DR 25, Deduct	*-9.92*	
33 14 13 23-0259	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	333.35	15.45
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0260	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	422.51	17.17
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0261	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	596.87	26.95
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0262	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	797.48	44.92
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0263	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	1,534.90	56.16
		For DR 25, Deduct	*-85.35*	
33 14 13 23-0264	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	1,945.69	67.39
		For DR 25, Deduct	*-108.65*	
33 14 13 23-0265	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	3,359.60	89.85
		For DR 25, Deduct	*-190.79*	
33 14 13 23-0266	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	4,172.74	112.31
		For DR 25, Deduct	*-236.89*	
33 14 13 23-0267	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 45 Degree Elbow	5,888.96	151.62
		For DR 25, Deduct	*-335.14*	

33 14 13 23-0268 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbows *(33 14 13 23-0245)*

33 14 13 23-0269	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	189.76	13.73
		For DR 25, Deduct	*-9.74*	
33 14 13 23-0270	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	333.35	15.45
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0271	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	422.51	17.17
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0272	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	596.88	26.95
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0273	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	797.48	44.92
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0274	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	1,530.39	53.91
		For DR 25, Deduct	*-85.35*	
33 14 13 23-0275	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	1,945.66	67.39
		For DR 25, Deduct	*-108.65*	
33 14 13 23-0276	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	3,359.60	89.85
		For DR 25, Deduct	*-190.79*	
33 14 13 23-0277	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	4,172.74	112.31
		For DR 25, Deduct	*-236.89*	
33 14 13 23-0278	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 22-1/2 Degree Elbow	5,888.96	151.62
		For DR 25, Deduct	*-335.14*	

33 14 13 23-0279 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbows *(33 14 13 23-0245)*

33 14 13 23-0280	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	167.53	13.73
		For DR 25, Deduct	*-8.40*	
33 14 13 23-0281	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	333.35	15.45
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0282	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	422.51	17.17
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0283	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	596.88	26.95
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0284	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	797.48	44.92
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0285	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	1,530.39	53.91
		For DR 25, Deduct	*-85.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0286	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	1,945.66	67.39
		For DR 25, Deduct	*-108.65*	
33 14 13 23-0287	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	3,359.60	89.85
		For DR 25, Deduct	*-190.79*	
33 14 13 23-0288	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	4,172.74	112.31
		For DR 25, Deduct	*-236.89*	
33 14 13 23-0289	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), 11-1/4 Degree Elbow	5,888.96	151.62
		For DR 25, Deduct	*-335.14*	

33 14 13 23-0290 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tees Or Wyes

(33 14 13 23-0245)

33 14 13 23-0291	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	258.65	15.45
		For DR 25, Deduct	*-13.67*	
33 14 13 23-0292	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	499.93	17.17
		For DR 25, Deduct	*-27.94*	
33 14 13 23-0293	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	697.75	19.46
		For DR 25, Deduct	*-39.53*	
33 14 13 23-0294	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	1,438.07	33.70
		For DR 25, Deduct	*-82.24*	
33 14 13 23-0295	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	1,753.80	67.39
		For DR 25, Deduct	*-97.14*	
33 14 13 23-0296	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	3,169.49	84.24
		For DR 25, Deduct	*-180.06*	
33 14 13 23-0297	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee Or Wye	3,925.91	101.09
		For DR 25, Deduct	*-223.42*	
33 14 13 23-0298	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee	4,953.17	134.77
		For DR 25, Deduct	*-281.02*	
33 14 13 23-0299	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee	5,947.78	168.47
		For DR 25, Deduct	*-336.65*	
33 14 13 23-0300	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Tee	8,166.56	114.56
		For DR 25, Deduct	*-476.25*	

33 14 13 23-0301 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tees Or Wyes *(33 14 13 23-0245)*

33 14 13 23-0302	EA	6" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	497.63	22.32
		For DR 25, Deduct	*-27.18*	
33 14 13 23-0303	EA	8" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	677.08	24.03
		For DR 25, Deduct	*-37.74*	
33 14 13 23-0304	EA	8" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	694.03	24.90
		For DR 25, Deduct	*-38.65*	
33 14 13 23-0305	EA	10" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	899.76	33.70
		For DR 25, Deduct	*-49.94*	
33 14 13 23-0306	EA	10" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,219.18	34.54
		For DR 25, Deduct	*-69.01*	
33 14 13 23-0307	EA	10" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,304.34	35.37
		For DR 25, Deduct	*-74.01*	
33 14 13 23-0308	EA	12" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,382.05	51.67
		For DR 25, Deduct	*-76.72*	
33 14 13 23-0309	EA	12" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,586.84	52.51
		For DR 25, Deduct	*-88.91*	
33 14 13 23-0310	EA	12" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	1,683.59	53.35
		For DR 25, Deduct	*-94.61*	
33 14 13 23-0311	EA	12" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye)	1,715.08	58.40
		For DR 25, Deduct	*-95.90*	
33 14 13 23-0312	EA	14" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	2,606.23	60.65
		For DR 25, Deduct	*-149.10*	
33 14 13 23-0313	EA	14" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	2,711.14	61.50
		For DR 25, Deduct	*-155.29*	
33 14 13 23-0314	EA	14" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	2,816.33	62.34
		For DR 25, Deduct	*-161.50*	
33 14 13 23-0315	EA	14" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	2,929.32	67.39
		For DR 25, Deduct	*-167.67*	
33 14 13 23-0316	EA	14" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,050.58	76.37
		For DR 25, Deduct	*-173.87*	
33 14 13 23-0317	EA	16" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,252.57	74.13
		For DR 25, Deduct	*-186.26*	
33 14 13 23-0318	EA	16" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,355.77	74.13
		For DR 25, Deduct	*-192.45*	
33 14 13 23-0319	EA	16" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,460.70	74.97
		For DR 25, Deduct	*-198.65*	
33 14 13 23-0320	EA	16" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,565.63	75.82
		For DR 25, Deduct	*-204.84*	
33 14 13 23-0321	EA	16" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,696.91	89.85
		For DR 25, Deduct	*-211.03*	
33 14 13 23-0322	EA	16" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	3,809.12	94.34
		For DR 25, Deduct	*-217.23*	
33 14 13 23-0323	EA	18" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,019.37	96.59
		For DR 25, Deduct	*-229.57*	
33 14 13 23-0324	EA	18" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,125.01	97.44
		For DR 25, Deduct	*-235.81*	
33 14 13 23-0325	EA	18" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,229.93	98.28
		For DR 25, Deduct	*-242.00*	
33 14 13 23-0326	EA	18" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,343.26	103.33
		For DR 25, Deduct	*-248.20*	

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33 14 13 23-0327	EA	18" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,464.43	112.31
		For DR 25, Deduct	*-254.39*	
33 14 13 23-0328	EA	18" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,575.95	116.80
		For DR 25, Deduct	*-260.54*	
33 14 13 23-0329	EA	18" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	4,717.61	123.55
		For DR 25, Deduct	*-268.23*	
33 14 13 23-0330	EA	20" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,098.00	119.06
		For DR 25, Deduct	*-291.59*	
33 14 13 23-0331	EA	20" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,275.95	119.90
		For DR 25, Deduct	*-302.17*	
33 14 13 23-0332	EA	20" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,345.97	120.74
		For DR 25, Deduct	*-306.27*	
33 14 13 23-0333	EA	20" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,424.51	125.79
		For DR 25, Deduct	*-310.38*	
33 14 13 23-0334	EA	20" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,510.85	134.77
		For DR 25, Deduct	*-314.48*	
33 14 13 23-0335	EA	20" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,630.65	139.27
		For DR 25, Deduct	*-321.13*	
33 14 13 23-0336	EA	20" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,754.99	146.01
		For DR 25, Deduct	*-327.78*	
33 14 13 23-0337	EA	20" x 18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	5,851.37	157.24
		For DR 25, Deduct	*-332.21*	
33 14 13 23-0338	EA	24" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	6,001.46	158.37
		For DR 25, Deduct	*-341.08*	
33 14 13 23-0339	EA	24" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	6,077.11	159.21
		For DR 25, Deduct	*-345.52*	
33 14 13 23-0340	EA	24" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	6,152.74	160.05
		For DR 25, Deduct	*-349.96*	
33 14 13 23-0341	EA	24" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	6,463.52	165.10
		For DR 25, Deduct	*-368.00*	
33 14 13 23-0342	EA	24" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	6,782.15	174.09
		For DR 25, Deduct	*-386.04*	
33 14 13 23-0343	EA	24" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	7,091.83	178.58
		For DR 25, Deduct	*-404.08*	
33 14 13 23-0344	EA	24" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	7,405.99	185.32
		For DR 25, Deduct	*-422.12*	
33 14 13 23-0345	EA	24" x 18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	7,729.15	196.55
		For DR 25, Deduct	*-440.16*	
33 14 13 23-0346	EA	24" x 20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Tee Or Wye	8,052.29	207.78
		For DR 25, Deduct	*-458.20*	

33 14 13 23-0347 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross *(33 14 13 23-0245)*

33 14 13 23-0348	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	358.61	27.47
		For DR 25, Deduct	*-18.22*	
33 14 13 23-0349	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	644.60	30.90
		For DR 25, Deduct	*-34.97*	
33 14 13 23-0350	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	892.64	34.33
		For DR 25, Deduct	*-49.44*	
33 14 13 23-0351	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	1,820.46	53.91
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0352	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	2,158.97	67.39
		For DR 25, Deduct	*-121.45*	
33 14 13 23-0353	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	3,931.18	89.85
		For DR 25, Deduct	*-225.09*	
33 14 13 23-0354	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	4,878.55	112.31
		For DR 25, Deduct	*-279.25*	
33 14 13 23-0355	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	6,214.81	179.70
		For DR 25, Deduct	*-351.32*	
33 14 13 23-0356	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	7,462.91	224.63
		For DR 25, Deduct	*-420.82*	
33 14 13 23-0357	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Cross	10,527.68	303.25
		For DR 25, Deduct	*-595.27*	

33 14 13 23-0358 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross *(33 14 13 23-0245)*

33 14 13 23-0359	EA	6" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	625.07	29.18
		For DR 25, Deduct	*-34.00*	
33 14 13 23-0360	EA	8" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	849.04	30.90
		For DR 25, Deduct	*-47.23*	
33 14 13 23-0361	EA	8" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	870.71	32.62
		For DR 25, Deduct	*-48.33*	
33 14 13 23-0362	EA	10" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,305.09	40.43
		For DR 25, Deduct	*-73.45*	
33 14 13 23-0363	EA	10" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,522.07	42.12
		For DR 25, Deduct	*-86.27*	
33 14 13 23-0364	EA	10" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,672.18	43.80
		For DR 25, Deduct	*-95.07*	
33 14 13 23-0365	EA	12" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,715.73	58.40
		For DR 25, Deduct	*-95.94*	
33 14 13 23-0366	EA	12" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	1,972.38	60.09
		For DR 25, Deduct	*-111.13*	
33 14 13 23-0367	EA	12" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	2,094.61	61.77
		For DR 25, Deduct	*-118.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0368	EA	12" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	2,141.45	71.88
		For DR 25, Deduct	*-119.86*	
33 14 13 23-0369	EA	14" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	3,240.92	67.39
		For DR 25, Deduct	*-186.37*	
33 14 13 23-0370	EA	14" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	3,372.95	69.07
		For DR 25, Deduct	*-194.09*	
33 14 13 23-0371	EA	14" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	3,506.40	70.76
		For DR 25, Deduct	*-201.89*	
33 14 13 23-0372	EA	14" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	3,656.14	80.86
		For DR 25, Deduct	*-209.66*	
33 14 13 23-0373	EA	14" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	3,820.63	98.83
		For DR 25, Deduct	*-217.38*	
33 14 13 23-0374	EA	16" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,041.50	80.86
		For DR 25, Deduct	*-232.79*	
33 14 13 23-0375	EA	16" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,175.27	82.55
		For DR 25, Deduct	*-240.61*	
33 14 13 23-0376	EA	16" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,307.60	84.24
		For DR 25, Deduct	*-248.35*	
33 14 13 23-0377	EA	16" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,457.23	94.34
		For DR 25, Deduct	*-256.11*	
33 14 13 23-0378	EA	16" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,529.83	112.31
		For DR 25, Deduct	*-258.31*	
33 14 13 23-0379	EA	16" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,768.54	121.30
		For DR 25, Deduct	*-271.56*	
33 14 13 23-0380	EA	18" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	4,990.03	103.33
		For DR 25, Deduct	*-287.00*	
33 14 13 23-0381	EA	18" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,123.49	105.01
		For DR 25, Deduct	*-294.81*	
33 14 13 23-0382	EA	18" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,256.03	106.70
		For DR 25, Deduct	*-302.56*	
33 14 13 23-0383	EA	18" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,403.73	116.80
		For DR 25, Deduct	*-310.21*	
33 14 13 23-0384	EA	18" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,569.76	134.77
		For DR 25, Deduct	*-318.01*	
33 14 13 23-0385	EA	18" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,716.29	143.76
		For DR 25, Deduct	*-325.73*	
33 14 13 23-0386	EA	18" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	5,903.23	157.24
		For DR 25, Deduct	*-335.33*	
33 14 13 23-0387	EA	20" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	6,327.07	125.79
		For DR 25, Deduct	*-364.53*	
33 14 13 23-0388	EA	20" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	6,550.39	127.48
		For DR 25, Deduct	*-377.73*	
33 14 13 23-0389	EA	20" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	6,639.83	129.16
		For DR 25, Deduct	*-382.89*	
33 14 13 23-0390	EA	20" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	6,745.19	139.27
		For DR 25, Deduct	*-388.00*	
33 14 13 23-0391	EA	20" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	6,866.28	157.24
		For DR 25, Deduct	*-393.11*	
33 14 13 23-0392	EA	20" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,021.83	166.22
		For DR 25, Deduct	*-401.36*	
33 14 13 23-0393	EA	20" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,189.13	179.70
		For DR 25, Deduct	*-409.78*	
33 14 13 23-0394	EA	20" x 18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,326.20	202.16
		For DR 25, Deduct	*-415.31*	
33 14 13 23-0395	EA	24" x 4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,395.09	165.10
		For DR 25, Deduct	*-423.89*	
33 14 13 23-0396	EA	24" x 6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,532.39	166.79
		For DR 25, Deduct	*-431.93*	
33 14 13 23-0397	EA	24" x 8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	7,628.58	168.47
		For DR 25, Deduct	*-437.50*	
33 14 13 23-0398	EA	24" x 10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	8,024.21	178.58
		For DR 25, Deduct	*-460.02*	
33 14 13 23-0399	EA	24" x 12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	8,435.70	196.55
		For DR 25, Deduct	*-482.56*	
33 14 13 23-0400	EA	24" x 14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	8,829.15	205.53
		For DR 25, Deduct	*-505.08*	
33 14 13 23-0401	EA	24" x 16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	9,233.20	219.01
		For DR 25, Deduct	*-527.71*	
33 14 13 23-0402	EA	24" x 18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	9,652.80	241.47
		For DR 25, Deduct	*-550.19*	
33 14 13 23-0403	EA	24" x 20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Reducing Cross	10,074.01	263.94
		For DR 25, Deduct	*-572.77*	

33 14 13 23-0404 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Couplings *(33 14 13 23-0245)*

33 14 13 23-0405	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	129.87	13.73
		For DR 25, Deduct	*-6.14*	
33 14 13 23-0406	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	242.26	15.45
		For DR 25, Deduct	*-12.68*	
33 14 13 23-0407	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	291.63	17.17
		For DR 25, Deduct	*-15.44*	
33 14 13 23-0408	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	413.82	26.95
		For DR 25, Deduct	*-21.59*	
33 14 13 23-0409	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	658.76	33.70
		For DR 25, Deduct	*-35.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0410	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	1,143.66	44.92
		For DR 25, Deduct	*-63.23*	
33 14 13 23-0411	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	1,354.63	56.16
		For DR 25, Deduct	*-74.54*	
33 14 13 23-0412	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	3,245.38	89.85
		For DR 25, Deduct	*-183.94*	
33 14 13 23-0413	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	3,637.69	112.31
		For DR 25, Deduct	*-204.78*	
33 14 13 23-0414	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Coupling	5,122.29	151.62
		For DR 25, Deduct	*-289.14*	

33 14 13 23-0415 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter *(33 14 13 23-0245)*

33 14 13 23-0416	EA	4" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	161.05	13.73
		For DR 25, Deduct	*-8.01*	
33 14 13 23-0417	EA	6" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	218.86	15.45
		For DR 25, Deduct	*-11.28*	
33 14 13 23-0418	EA	8" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	318.28	17.17
		For DR 25, Deduct	*-17.04*	
33 14 13 23-0419	EA	10" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	434.61	26.95
		For DR 25, Deduct	*-22.84*	
33 14 13 23-0420	EA	12" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	696.38	44.92
		For DR 25, Deduct	*-36.39*	
33 14 13 23-0421	EA	14" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	1,851.95	53.91
		For DR 25, Deduct	*-104.65*	
33 14 13 23-0422	EA	16" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	2,507.20	67.39
		For DR 25, Deduct	*-142.35*	
33 14 13 23-0423	EA	18" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	3,088.87	89.85
		For DR 25, Deduct	*-174.55*	
33 14 13 23-0424	EA	20" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	3,690.10	112.31
		For DR 25, Deduct	*-207.93*	
33 14 13 23-0425	EA	24" AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC), Flanged End x Gasket Joint Adapter	5,012.93	151.62
		For DR 25, Deduct	*-282.58*	

33 14 13 23-0426 AWWA C906, High-Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23)*

Note: ASTM D3350 pipe, ASTM D2657 heat fusion.

33 14 13 23-0427 High-Density Polyethylene (HDPE) Pressure Pipe *(33 14 13 23-0426)*

33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	8.61	3.39
		For SDR 19, Add	*0.16*	
		For SDR 17, Add	*0.40*	
		For SDR 15.5, Add	*0.58*	
		For SDR 13.5, Add	*0.90*	
		For SDR 11, Add	*1.46*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	10.23	4.30
		For SDR 26, Deduct	*-0.30*	
		For SDR 19, Add	*0.15*	
		For SDR 17, Add	*0.36*	
		For SDR 15.5, Add	*0.53*	
		For SDR 13.5, Add	*0.83*	
		For SDR 11, Add	*1.34*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	13.95	5.21
		For SDR 26, Deduct	*-0.65*	
		For SDR 19, Add	*0.32*	
		For SDR 17, Add	*0.79*	
		For SDR 15.5, Add	*1.15*	
		For SDR 13.5, Add	*1.80*	
		For SDR 11, Add	*2.89*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	17.72	5.86
		For SDR 26, Deduct	*-1.10*	
		For SDR 19, Add	*0.54*	
		For SDR 17, Add	*1.34*	
		For SDR 15.5, Add	*1.96*	
		For SDR 13.5, Add	*3.05*	
		For SDR 11, Add	*4.91*	
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	22.37	6.51
		For SDR 26, Deduct	*-1.71*	
		For SDR 19, Add	*0.84*	
		For SDR 17, Add	*2.08*	
		For SDR 15.5, Add	*3.04*	
		For SDR 13.5, Add	*4.75*	
		For SDR 11, Add	*7.64*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	27.93	7.30
		For SDR 26, Deduct	*-2.47*	
		For SDR 19, Add	*1.21*	
		For SDR 17, Add	*3.00*	
		For SDR 15.5, Add	*4.39*	
		For SDR 13.5, Add	*6.85*	
		For SDR 11, Add	*11.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	32.11	8.20
		For SDR 26, Deduct	*-2.90*	
		For SDR 19, Add	*1.43*	
		For SDR 17, Add	*3.52*	
		For SDR 15.5, Add	*5.15*	
		For SDR 13.5, Add	*8.05*	
		For SDR 11, Add	*12.95*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	38.93	9.11
		For SDR 26, Deduct	*-3.79*	
		For SDR 19, Add	*1.86*	
		For SDR 17, Add	*4.60*	
		For SDR 15.5, Add	*6.74*	
		For SDR 13.5, Add	*10.51*	
		For SDR 11, Add	*16.92*	
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	48.10	10.93
		For SDR 26, Deduct	*-4.80*	
		For SDR 19, Add	*2.35*	
		For SDR 17, Add	*5.81*	
		For SDR 15.5, Add	*8.51*	
		For SDR 13.5, Add	*13.29*	
		For SDR 11, Add	*21.39*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	83.43	13.02
		For SDR 26, Deduct	*-10.52*	
		For SDR 19, Add	*5.17*	
		For SDR 17, Add	*12.75*	
		For SDR 15.5, Add	*18.68*	
		For SDR 13.5, Add	*29.15*	
		For SDR 11, Add	*46.92*	
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe	77.80	15.62
		For SDR 26, Deduct	*-8.53*	
		For SDR 19, Add	*4.19*	
		For SDR 17, Add	*10.34*	
		For SDR 15.5, Add	*15.15*	
		For SDR 13.5, Add	*23.64*	
		For SDR 11, Add	*38.05*	
33 14 13 23-0439		90 Degree Elbows, High-Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	65.27	17.17
		For SDR 26, Deduct	*-2.52*	
		For SDR 19, Add	*1.24*	
		For SDR 17, Add	*3.06*	
		For SDR 15.5, Add	*4.48*	
		For SDR 13.5, Add	*6.99*	
		For SDR 11, Add	*11.25*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	73.62	19.10
		For SDR 26, Deduct	*-3.00*	
		For SDR 19, Add	*1.48*	
		For SDR 17, Add	*3.64*	
		For SDR 15.5, Add	*5.33*	
		For SDR 13.5, Add	*8.32*	
		For SDR 11, Add	*13.40*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	108.96	21.80
		For SDR 26, Deduct	*-7.99*	
		For SDR 19, Add	*3.92*	
		For SDR 17, Add	*9.69*	
		For SDR 15.5, Add	*14.19*	
		For SDR 13.5, Add	*22.14*	
		For SDR 11, Add	*35.64*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	167.46	25.46
		For SDR 26, Deduct	*-16.70*	
		For SDR 19, Add	*8.20*	
		For SDR 17, Add	*20.25*	
		For SDR 15.5, Add	*29.65*	
		For SDR 13.5, Add	*46.28*	
		For SDR 11, Add	*74.50*	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	253.86	34.00
		For SDR 26, Deduct	*-27.88*	
		For SDR 19, Add	*13.69*	
		For SDR 17, Add	*33.80*	
		For SDR 15.5, Add	*49.50*	
		For SDR 13.5, Add	*77.26*	
		For SDR 11, Add	*124.35*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	375.30	50.87
		For SDR 26, Deduct	*-40.83*	
		For SDR 19, Add	*20.05*	
		For SDR 17, Add	*49.49*	
		For SDR 15.5, Add	*72.48*	
		For SDR 13.5, Add	*113.13*	
		For SDR 11, Add	*182.09*	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	469.12	67.89
		For SDR 26, Deduct	*-48.67*	
		For SDR 19, Add	*23.90*	
		For SDR 17, Add	*59.00*	
		For SDR 15.5, Add	*86.40*	
		For SDR 13.5, Add	*134.86*	
		For SDR 11, Add	*217.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	623.12	101.76
		For SDR 26, Deduct	*-58.29*	
		For SDR 19, Add	*28.62*	
		For SDR 17, Add	*70.66*	
		For SDR 15.5, Add	*103.47*	
		For SDR 13.5, Add	*161.50*	
		For SDR 11, Add	*259.95*	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	776.11	114.46
		For SDR 26, Deduct	*-79.32*	
		For SDR 19, Add	*38.94*	
		For SDR 17, Add	*96.15*	
		For SDR 15.5, Add	*140.80*	
		For SDR 13.5, Add	*219.77*	
		For SDR 11, Add	*353.74*	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	1,044.43	129.91
		For SDR 26, Deduct	*-119.28*	
		For SDR 19, Add	*58.56*	
		For SDR 17, Add	*144.59*	
		For SDR 15.5, Add	*211.74*	
		For SDR 13.5, Add	*330.50*	
		For SDR 11, Add	*531.96*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	1,326.55	152.69
		For SDR 26, Deduct	*-159.23*	
		For SDR 19, Add	*78.18*	
		For SDR 17, Add	*193.03*	
		For SDR 15.5, Add	*282.68*	
		For SDR 13.5, Add	*441.22*	
		For SDR 11, Add	*710.17*	

33 14 13 23-0451 Tees, High-Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*

33 14 13 23-0452	EA	3" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	71.79	17.97
		For SDR 26, Deduct	*-3.30*	
		For SDR 19, Add	*1.62*	
		For SDR 17, Add	*4.00*	
		For SDR 15.5, Add	*5.85*	
		For SDR 13.5, Add	*9.14*	
		For SDR 11, Add	*14.71*	
33 14 13 23-0453	EA	4" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	82.19	20.35
		For SDR 26, Deduct	*-3.88*	
		For SDR 19, Add	*1.91*	
		For SDR 17, Add	*4.71*	
		For SDR 15.5, Add	*6.89*	
		For SDR 13.5, Add	*10.76*	
		For SDR 11, Add	*17.31*	
33 14 13 23-0454	EA	6" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	125.76	23.48
		For SDR 26, Deduct	*-10.15*	
		For SDR 19, Add	*4.98*	
		For SDR 17, Add	*12.30*	
		For SDR 15.5, Add	*18.01*	
		For SDR 13.5, Add	*28.12*	
		For SDR 11, Add	*45.26*	
33 14 13 23-0455	EA	8" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	223.65	27.76
		For SDR 26, Deduct	*-25.74*	
		For SDR 19, Add	*12.64*	
		For SDR 17, Add	*31.21*	
		For SDR 15.5, Add	*45.70*	
		For SDR 13.5, Add	*71.33*	
		For SDR 11, Add	*114.81*	
33 14 13 23-0456	EA	10" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	307.14	40.75
		For SDR 26, Deduct	*-33.91*	
		For SDR 19, Add	*16.65*	
		For SDR 17, Add	*41.11*	
		For SDR 15.5, Add	*60.21*	
		For SDR 13.5, Add	*93.97*	
		For SDR 11, Add	*151.25*	
33 14 13 23-0457	EA	12" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	435.81	61.13
		For SDR 26, Deduct	*-46.31*	
		For SDR 19, Add	*22.74*	
		For SDR 17, Add	*56.14*	
		For SDR 15.5, Add	*82.21*	
		For SDR 13.5, Add	*128.32*	
		For SDR 11, Add	*206.53*	
33 14 13 23-0458	EA	14" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	526.14	76.34
		For SDR 26, Deduct	*-54.48*	
		For SDR 19, Add	*26.75*	
		For SDR 17, Add	*66.04*	
		For SDR 15.5, Add	*96.72*	
		For SDR 13.5, Add	*150.96*	
		For SDR 11, Add	*242.98*	
33 14 13 23-0459	EA	16" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	696.49	114.46
		For SDR 26, Deduct	*-64.70*	
		For SDR 19, Add	*31.77*	
		For SDR 17, Add	*78.43*	
		For SDR 15.5, Add	*114.85*	
		For SDR 13.5, Add	*179.26*	
		For SDR 11, Add	*288.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0460	EA	18" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	890.37	133.35
		For SDR 26, Deduct	*-89.89*	
		For SDR 19, Add	*44.14*	
		For SDR 17, Add	*108.97*	
		For SDR 15.5, Add	*159.58*	
		For SDR 13.5, Add	*249.08*	
		For SDR 11, Add	*400.91*	
33 14 13 23-0461	EA	20" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	1,233.84	157.50
		For SDR 26, Deduct	*-138.58*	
		For SDR 19, Add	*68.04*	
		For SDR 17, Add	*167.99*	
		For SDR 15.5, Add	*246.02*	
		For SDR 13.5, Add	*384.00*	
		For SDR 11, Add	*618.07*	
33 14 13 23-0462	EA	24" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping	1,593.99	190.92
		For SDR 26, Deduct	*-187.28*	
		For SDR 19, Add	*91.95*	
		For SDR 17, Add	*227.02*	
		For SDR 15.5, Add	*332.46*	
		For SDR 13.5, Add	*518.92*	
		For SDR 11, Add	*835.23*	

33 14 13 23-0463 AWWA C909 Oriented Polyvinyl Chloride (PVCO) Pipe *(33 14 13 23)*

Note: Includes hub on one end of pipe.

33 14 13 23-0464 AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe *(33 14 13 23-0463)*

33 14 13 23-0465	LF	6" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	19.97	5.21
33 14 13 23-0466	LF	8" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	28.09	5.86
33 14 13 23-0467	LF	10" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	37.93	6.51
33 14 13 23-0468	LF	12" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	49.71	7.30

33 14 13 23-0469 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe And Fittings *(33 14 13 23)*

33 14 13 23-0470 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe *(33 14 13 23-0469)*

33 14 13 23-0471	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	58.94	3.52
33 14 13 23-0472	LF	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	83.89	3.79
33 14 13 23-0473	LF	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	113.28	4.40
33 14 13 23-0474	LF	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	154.30	5.63
33 14 13 23-0475	LF	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	176.59	6.87

33 14 13 23-0476 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(33 14 13 23-0469)*

33 14 13 23-0477	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	747.17	51.13
33 14 13 23-0478	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	1,571.15	85.72
33 14 13 23-0479	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	2,731.82	93.56
33 14 13 23-0480	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	6,467.20	101.23
33 14 13 23-0481	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	8,755.59	108.90

33 14 13 23-0482 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(33 14 13 23-0469)*

33 14 13 23-0483	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,047.49	51.13
33 14 13 23-0484	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,268.18	85.72
33 14 13 23-0485	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,713.63	93.56
33 14 13 23-0486	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	3,348.50	101.23
33 14 13 23-0487	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	4,790.27	108.90

33 14 13 23-0488 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(33 14 13 23-0469)*

33 14 13 23-0489	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,448.54	81.81
33 14 13 23-0490	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,135.74	122.25
33 14 13 23-0491	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,823.62	130.38
33 14 13 23-0492	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	6,870.36	138.05
33 14 13 23-0493	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	9,686.02	145.70

33 14 13 23-0494 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees *(33 14 13 23-0469)*

33 14 13 23-0495	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,423.61	77.71
33 14 13 23-0496	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,552.12	110.33
33 14 13 23-0497	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,770.72	116.14
33 14 13 23-0498	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,008.24	111.79
33 14 13 23-0499	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,229.54	117.67
33 14 13 23-0500	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,543.29	123.86
33 14 13 23-0501	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	4,942.23	112.45
33 14 13 23-0502	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,324.64	118.36
33 14 13 23-0503	EA	14" x 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,811.93	124.59
33 14 13 23-0504	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,374.92	131.15
33 14 13 23-0505	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,002.33	112.75
33 14 13 23-0506	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,691.33	118.69
33 14 13 23-0507	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	7,234.01	124.94
33 14 13 23-0508	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,070.60	131.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0509	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,947.33	138.42
33 14 13 23-0510		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wyes** *(33 14 13 23-0469)*		
33 14 13 23-0511	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	1,462.93	81.81
33 14 13 23-0512	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	2,467.45	122.25
33 14 13 23-0513	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	3,337.05	130.38
33 14 13 23-0514	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	10,813.94	138.05
33 14 13 23-0515	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	13,495.56	145.70
33 14 13 23-0516		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wyes** *(33 14 13 23-0469)*		
33 14 13 23-0517	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,274.00	77.71
33 14 13 23-0518	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,773.86	110.33
33 14 13 23-0519	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,054.39	116.14
33 14 13 23-0520	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,365.35	111.79
33 14 13 23-0521	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,495.84	117.67
33 14 13 23-0522	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	3,020.32	123.86
33 14 13 23-0523	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,210.70	112.45
33 14 13 23-0524	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,628.45	118.36
33 14 13 23-0525	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,824.14	131.15
33 14 13 23-0526	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,228.26	112.75
33 14 13 23-0527	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	7,201.36	118.69
33 14 13 23-0528	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,072.17	124.94
33 14 13 23-0529	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,744.68	131.50
33 14 13 23-0530	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	10,933.04	138.42
33 14 13 23-0531		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings** *(33 14 13 23-0469)*		
33 14 13 23-0532	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	678.41	51.13
33 14 13 23-0533	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	920.32	85.72
33 14 13 23-0534	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	1,274.31	93.56
33 14 13 23-0535	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	2,530.07	101.23
33 14 13 23-0536	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	3,768.75	108.90
33 14 13 23-0537		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Couplings** *(33 14 13 23-0469)*		
33 14 13 23-0538	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	922.66	48.56
33 14 13 23-0539	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	678.48	46.14
33 14 13 23-0540	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	941.47	81.44
33 14 13 23-0541	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,821.24	77.36
33 14 13 23-0542	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,697.69	73.49
33 14 13 23-0543	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,333.10	69.82
33 14 13 23-0544	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	839.99	88.87
33 14 13 23-0545	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,442.99	84.44
33 14 13 23-0546	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,058.70	80.21
33 14 13 23-0547	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,780.91	76.20
33 14 13 23-0548	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,631.68	96.16
33 14 13 23-0549	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,224.72	91.35
33 14 13 23-0550	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,641.79	86.79
33 14 13 23-0551	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,486.60	82.45
33 14 13 23-0552	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,304.90	78.33
33 14 13 23-0553	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,020.94	103.46
33 14 13 23-0554		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Couplings** *(33 14 13 23-0469)*		
33 14 13 23-0555	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	817.20	86.79
33 14 13 23-0556	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,437.86	82.45
33 14 13 23-0557	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,091.05	82.45
33 14 13 23-0558	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,783.63	78.33
33 14 13 23-0559	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,877.02	74.41
33 14 13 23-0560	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,789.48	70.69
33 14 13 23-0561	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,639.07	78.33
33 14 13 23-0562	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,985.45	74.41
33 14 13 23-0563	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,921.50	70.69
33 14 13 23-0564	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,124.44	67.15
33 14 13 23-0565	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,972.29	74.41
33 14 13 23-0566	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,290.01	70.69
33 14 13 23-0567	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,111.75	67.15
33 14 13 23-0568	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,012.60	63.80
33 14 13 23-0569	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,813.85	60.61
33 14 13 23-0570	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,535.15	98.29
33 14 13 23-0571		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flanges** *(33 14 13 23-0469)*		
33 14 13 23-0572	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	900.21	51.13
33 14 13 23-0573	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	2,073.72	85.72
33 14 13 23-0574	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,024.00	93.56
33 14 13 23-0575	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,397.05	101.23
33 14 13 23-0576	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	4,202.26	108.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0577	EA	8" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	28.15	
33 14 13 23-0578	EA	10" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	36.68	
33 14 13 23-0579	EA	12" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	50.48	
33 14 13 23-0580	EA	14" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	107.98	
33 14 13 23-0581	EA	16" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	191.57	
33 14 13 23-0582	EA	Zinc Coated Flange Hardware Kit	179.88	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe. See CSI section 33 14 13 43-0001 for pipe coatings, 33 14 13 43-0053 for pipe linings.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	103.64	30.52
		For <100, Add	*12.12*	
		For >1,000, Deduct	*-5.18*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	121.91	30.52
		For <100, Add	*13.03*	
		For >1,000, Deduct	*-6.10*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	122.31	33.30
		For <100, Add	*13.68*	
		For >1,000, Deduct	*-6.12*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	145.41	33.30
		For <100, Add	*14.84*	
		For >1,000, Deduct	*-7.27*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	146.27	34.89
		For <100, Add	*15.24*	
		For >1,000, Deduct	*-7.31*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	164.24	34.89
		For <100, Add	*16.14*	
		For >1,000, Deduct	*-8.21*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	175.99	38.56
		For <100, Add	*17.56*	
		For >1,000, Deduct	*-8.80*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	190.35	38.56
		For <100, Add	*18.28*	
		For >1,000, Deduct	*-9.52*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	186.70	40.70
		For <100, Add	*18.58*	
		For >1,000, Deduct	*-9.34*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	197.79	40.70
		For <100, Add	*19.14*	
		For >1,000, Deduct	*-9.89*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	229.83	45.78
		For <100, Add	*21.90*	
		For >1,000, Deduct	*-11.49*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	248.00	45.78
		For <100, Add	*22.81*	
		For >1,000, Deduct	*-12.40*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	196.55	57.08
		For <100, Add	*18.80*	
		For >1,000, Deduct	*-9.83*	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	232.40	62.79
		For <100, Add	*21.53*	
		For >1,000, Deduct	*-11.62*	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	257.54	65.64
		For <100, Add	*23.34*	
		For >1,000, Deduct	*-12.88*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	290.48	74.20
		For <100, Add	*26.30*	
		For >1,000, Deduct	*-14.52*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	302.80	74.20
		For <100, Add	*26.91*	
		For >1,000, Deduct	*-15.14*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	314.20	74.20
		For <100, Add	*27.48*	
		For >1,000, Deduct	*-15.71*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	327.34	74.20
		For <100, Add	*28.14*	
		For >1,000, Deduct	*-16.37*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	379.20	85.62
		For <100, Add	*32.42*	
		For >1,000, Deduct	*-18.96*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	419.86	85.62
		For <100, Add	*34.45*	
		For >1,000, Deduct	*-20.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	519.64	85.62
		For <100, Add	*39.44*	
		For >1,000, Deduct	*-25.98*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	470.12	99.89
		For <100, Add	*39.20*	
		For >1,000, Deduct	*-23.51*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	486.75	99.89
		For <100, Add	*40.04*	
		For >1,000, Deduct	*-24.34*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	643.62	99.89
		For <100, Add	*47.88*	
		For >1,000, Deduct	*-32.18*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	556.36	99.89
		For <100, Add	*43.52*	
		For >1,000, Deduct	*-27.82*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	652.85	119.87
		For <100, Add	*51.48*	
		For >1,000, Deduct	*-32.64*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	774.50	119.87
		For <100, Add	*57.56*	
		For >1,000, Deduct	*-38.73*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	744.11	119.87
		For <100, Add	*56.04*	
		For >1,000, Deduct	*-37.21*	
33 14 13 36-0034	LF	42" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,130.20	134.15
		For <100, Add	*77.44*	
		For >1,000, Deduct	*-56.51*	
33 14 13 36-0035	LF	42" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	696.36	134.15
		For <100, Add	*55.75*	
		For >1,000, Deduct	*-34.82*	
33 14 13 36-0036	LF	48" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,295.49	151.27
		For <100, Add	*88.32*	
		For >1,000, Deduct	*-64.77*	
33 14 13 36-0037	LF	48" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	764.73	151.27
		For <100, Add	*61.78*	
		For >1,000, Deduct	*-38.24*	
33 14 13 36-0038	LF	54" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,360.00	171.24
		For <100, Add	*94.91*	
		For >1,000, Deduct	*-68.00*	
33 14 13 36-0039	LF	54" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,498.59	171.24
		For <100, Add	*101.84*	
		For >1,000, Deduct	*-74.93*	
33 14 13 36-0040	LF	60" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,677.35	199.79
		For <100, Add	*115.26*	
		For >1,000, Deduct	*-83.87*	
33 14 13 36-0041	LF	66" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,184.58	199.79
		For <100, Add	*90.62*	
		For >1,000, Deduct	*-59.23*	
33 14 13 36-0042	LF	72" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,328.85	163.44
		For <100, Add	*115.47*	
		For >1,000, Deduct	*-66.44*	
33 14 13 36-0043	LF	78" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	2,441.69	163.44
		For <100, Add	*171.12*	
		For >1,000, Deduct	*-122.08*	

33 14 13 36-0044 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0045	EA	2" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	159.87	28.97
		For 7" Length, Add	*10.41*	
33 14 13 36-0046	EA	3" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	220.18	55.73
		For 7" Length, Add	*10.87*	
33 14 13 36-0047	EA	4" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	292.87	73.56
		For 7" Length, Add	*14.43*	
33 14 13 36-0048	EA	6" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	474.37	111.45
		For 7" Length, Add	*25.15*	
33 14 13 36-0049	EA	8" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	627.80	140.44
		For 7" Length, Add	*34.92*	
33 14 13 36-0050	EA	10" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	905.61	180.82
		For 7" Length, Add	*54.40*	
33 14 13 36-0051	EA	12" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,066.15	226.63
		For 7" Length, Add	*61.41*	
33 14 13 36-0052	EA	14" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,149.58	226.63
		For 10" Length, Add	*40.04*	
33 14 13 36-0053	EA	16" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,211.90	259.18
		For 10" Length, Add	*41.72*	
33 14 13 36-0054	EA	18" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,332.49	277.26
		For 10" Length, Add	*46.68*	
33 14 13 36-0055	EA	20" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,454.20	313.42
		For 10" Length, Add	*51.09*	
33 14 13 36-0056	EA	24" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,872.83	331.51
		For 10" Length, Add	*72.59*	
33 14 13 36-0057	EA	30" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	2,273.09	361.65
		For 10" Length, Add	*92.99*	
33 14 13 36-0058	EA	36" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	2,678.96	406.86
		For 10" Length, Add	*111.92*	
33 14 13 36-0059	EA	42" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	3,106.29	458.09
		For 10" Length, Add	*132.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0060	EA	48" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	3,612.25	527.40
		For 10" Length, Add	*153.45*	
33 14 13 36-0061	EA	54" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	3,992.66	602.74
		For 10" Length, Add	*167.23*	
33 14 13 36-0062	EA	60" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe	4,551.30	753.43
		For 10" Length, Add	*182.67*	
33 14 13 36-0063	EA	66" Diameter x 10" Length, Dresser Coupling For Plain End Welded Steel Pipe	5,217.15	916.17
		For 12" Length, Add	*170.45*	
33 14 13 36-0064	EA	72" Diameter x 10" Length, Dresser Coupling For Plain End Welded Steel Pipe	6,212.80	1,084.94
		For 12" Length, Add	*202.15*	

33 14 13 36-0065 Welded, Plain End, Cement Mortar Lined And Coated *(33 14 13 36-0001)*

Note: Pipe manufacture shall be in accordance with AWWA C200, ANSI/ASTM A 139, API 5 L, or API 5 LX

33 14 13 36-0066	LF	4" Diameter, Schedule 10 (0.12" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	69.74	22.95
33 14 13 36-0067	LF	4" Diameter, Schedule 40 (0.237" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	87.27	22.95
33 14 13 36-0068	LF	6" Diameter, Schedule 10 (0.134" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	90.81	30.52
33 14 13 36-0069	LF	6" Diameter, Schedule 40 (0.28" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	123.59	30.52
33 14 13 36-0070	LF	8" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	145.62	30.52
33 14 13 36-0071	LF	8" Diameter, Schedule 40 (0.322" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	165.29	30.52
33 14 13 36-0072	LF	10" Diameter, Schedule 10 (0.165" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	150.02	33.30
33 14 13 36-0073	LF	10" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	173.12	33.30
33 14 13 36-0074	LF	10" Diameter, Schedule 40 (0.365" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	179.29	33.30
33 14 13 36-0075	LF	12" Diameter, Schedule 10 (0.18" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	178.43	34.89
33 14 13 36-0076	LF	12" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	196.39	34.89
33 14 13 36-0077	LF	12" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	249.10	34.89
33 14 13 36-0078	LF	14" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	227.99	38.56
33 14 13 36-0079	LF	14" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	262.38	38.56
33 14 13 36-0080	LF	14" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	295.64	38.56
33 14 13 36-0081	LF	16" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	240.54	40.70
33 14 13 36-0082	LF	16" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	292.18	40.70
33 14 13 36-0083	LF	16" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	329.74	40.70
33 14 13 36-0084	LF	18" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	278.06	45.78
33 14 13 36-0085	LF	18" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	329.60	45.78
33 14 13 36-0086	LF	18" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	341.92	45.78
33 14 13 36-0087	LF	20" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	305.39	48.18
33 14 13 36-0088	LF	20" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	362.47	48.18
33 14 13 36-0089	LF	20" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	362.47	48.18
33 14 13 36-0090	LF	24" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	432.02	51.58
33 14 13 36-0091	LF	24" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	472.67	51.58
33 14 13 36-0092	LF	30" Diameter, Schedule 10 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	537.93	60.79
33 14 13 36-0093	LF	30" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	554.57	60.79

33 14 13 36-0094 Welded, Bell and Spigot, Cement Mortar Lined And Coated *(33 14 13 36-0001)*

Note: Pipe manufacture shall be in accordance with AWWA C200, ANSI/ASTM A 139, API 5 L, or API 5 LX

33 14 13 36-0095	LF	4" Diameter, Schedule 10 (0.12" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	70.21	22.95
33 14 13 36-0096	LF	4" Diameter, Schedule 40 (0.237" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	88.18	22.95
33 14 13 36-0097	LF	6" Diameter, Schedule 10 (0.134" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	91.58	30.52
33 14 13 36-0098	LF	6" Diameter, Schedule 40 (0.28" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	125.18	30.52
33 14 13 36-0099	LF	8" Diameter, Schedule 10 (0.148" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	128.78	30.52
33 14 13 36-0100	LF	8" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	147.51	30.52
33 14 13 36-0101	LF	8" Diameter, Schedule 40 (0.322" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	166.81	30.52
33 14 13 36-0102	LF	10" Diameter, Schedule 10 (0.165" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	150.31	33.30
33 14 13 36-0103	LF	10" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	175.31	33.30
33 14 13 36-0104	LF	10" Diameter, Schedule 40 (0.365" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	181.21	33.30
33 14 13 36-0105	LF	12" Diameter, Schedule 10 (0.18" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	180.76	34.89
33 14 13 36-0106	LF	12" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	199.18	34.89
33 14 13 36-0107	LF	12" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	249.37	34.89
33 14 13 36-0108	LF	14" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	216.57	38.56
33 14 13 36-0109	LF	14" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	266.53	38.56
33 14 13 36-0110	LF	14" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	295.97	38.56
33 14 13 36-0111	LF	16" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	243.95	40.70
33 14 13 36-0112	LF	16" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	296.88	40.70
33 14 13 36-0113	LF	16" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	330.11	40.70
33 14 13 36-0114	LF	18" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	282.08	45.78
33 14 13 36-0115	LF	18" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	334.90	45.78
33 14 13 36-0116	LF	18" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	334.90	45.78
33 14 13 36-0117	LF	20" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	309.86	48.18
33 14 13 36-0118	LF	20" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	368.36	48.18
33 14 13 36-0119	LF	20" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	381.83	48.18
33 14 13 36-0120	LF	24" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	439.26	51.58
33 14 13 36-0121	LF	24" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	480.93	51.58
33 14 13 36-0122	LF	30" Diameter, Schedule 10 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	547.07	60.79
33 14 13 36-0123	LF	30" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	564.12	60.79

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0124		**Plain End Steel Pipe Fittings, Standard Wall Thickness** *(33 14 13 36-0001)* See CSI section 33 14 13 36-0317 for flanged end fittings.		
33 14 13 36-0125		**90 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0126	EA	4" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	394.56	220.97
33 14 13 36-0127	EA	6" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	683.32	364.75
33 14 13 36-0128	EA	8" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,017.68	512.70
33 14 13 36-0129	EA	10" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,323.39	585.85
33 14 13 36-0130	EA	12" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,794.64	766.59
33 14 13 36-0131	EA	14" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,231.53	906.08
33 14 13 36-0132	EA	16" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,773.96	1,058.06
33 14 13 36-0133	EA	18" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,299.13	1,179.90
33 14 13 36-0134	EA	20" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,198.40	1,322.92
33 14 13 36-0135	EA	24" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,968.20	1,367.07
33 14 13 36-0136		**45 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0137	EA	4" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	381.66	220.97
33 14 13 36-0138	EA	6" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	651.58	364.75
33 14 13 36-0139	EA	8" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	958.78	512.70
33 14 13 36-0140	EA	10" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,215.25	585.85
33 14 13 36-0141	EA	12" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,637.84	766.59
33 14 13 36-0142	EA	14" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,019.30	906.08
33 14 13 36-0143	EA	16" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,483.46	1,058.06
33 14 13 36-0144	EA	18" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,925.25	1,179.90
33 14 13 36-0145	EA	20" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,648.87	1,322.92
33 14 13 36-0146	EA	24" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,250.01	1,367.07
33 14 13 36-0147		**22.5 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0148	EA	4" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	376.98	220.97
33 14 13 36-0149	EA	6" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	640.62	364.75
33 14 13 36-0150	EA	8" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	938.10	512.70
33 14 13 36-0151	EA	10" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,180.45	585.85
33 14 13 36-0152	EA	12" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,587.37	766.59
33 14 13 36-0153	EA	14" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,950.58	906.08
33 14 13 36-0154	EA	16" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,389.89	1,058.06
33 14 13 36-0155	EA	18" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,804.79	1,179.90
33 14 13 36-0156	EA	20" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,474.44	1,322.92
33 14 13 36-0157	EA	24" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,991.37	1,367.07
33 14 13 36-0158		**11.25 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0159	EA	4" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	379.08	220.97
33 14 13 36-0160	EA	6" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	645.77	364.75
33 14 13 36-0161	EA	8" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	947.66	512.70
33 14 13 36-0162	EA	10" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,198.01	585.85
33 14 13 36-0163	EA	12" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,612.83	766.59
33 14 13 36-0164		**Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0165	EA	4"x4"x4" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	608.79	331.46
33 14 13 36-0166	EA	6"x6"x6" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,011.35	547.00
33 14 13 36-0167	EA	8"x8"x8" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,499.40	768.98
33 14 13 36-0168	EA	10"x10"x10" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,888.21	878.84
33 14 13 36-0169	EA	12"x12"x12" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,583.00	1,149.88
33 14 13 36-0170	EA	14"x14"x14" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,395.72	1,359.25
33 14 13 36-0171	EA	16"x16"x16" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,032.90	1,587.15
33 14 13 36-0172	EA	18"x18"x18" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	5,291.85	1,769.84
33 14 13 36-0173	EA	20"x20"x20" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	6,981.61	1,984.45
33 14 13 36-0174	EA	24"x24"x24" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	8,020.02	2,050.54
33 14 13 36-0175	EA	30"x30"x30" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	11,250.26	2,414.41
33 14 13 36-0176		**Concentric Reducers, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0177	EA	6" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	598.47	364.75
33 14 13 36-0178	EA	8" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	853.97	512.70
33 14 13 36-0179	EA	8" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	840.75	512.70
33 14 13 36-0180	EA	10" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,006.52	585.85
33 14 13 36-0181	EA	12" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,514.33	766.59
33 14 13 36-0182	EA	12" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,338.58	766.59
33 14 13 36-0183	EA	12" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,332.59	766.59
33 14 13 36-0184	EA	12" x 10", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,316.03	766.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0185		**Reducing Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0186	EA	6"x6"x4", Reducing Tee, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,012.06	547.00
33 14 13 36-0187	EA	8"x8"x6", Reducing Tee, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,500.75	768.98
33 14 13 36-0188	EA	10"x10"x 8" Reducing Tees, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,890.50	878.84
33 14 13 36-0189	EA	12"x12"x6" Reducing Tees, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	2,586.47	1,149.88
33 14 13 36-0190		**Slip-on Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0191	EA	4" Slip-on Flange, Steel, Class 150	201.35	110.49
33 14 13 36-0192	EA	6" Slip-on Flange, Steel, Class 150	328.46	182.38
33 14 13 36-0193	EA	8" Slip-on Flange, Steel, Class 150	468.01	256.28
33 14 13 36-0194	EA	10" Slip-on Flange, Steel, Class 150	583.67	292.99
33 14 13 36-0195	EA	12" Slip-on Flange, Steel, Class 150	802.61	383.29
33 14 13 36-0196	EA	14" Slip-on Flange, Steel, Class 150	1,012.40	453.04
33 14 13 36-0197	EA	16" Slip-on Flange, Steel, Class 150	1,241.68	529.10
33 14 13 36-0198	EA	18" Slip-on Flange, Steel, Class 150	1,387.23	589.89
33 14 13 36-0199	EA	20" Slip-on Flange, Steel, Class 150	1,563.29	661.52
33 14 13 36-0200	EA	24" Slip-on Flange, Steel, Class 150	1,666.98	683.48
33 14 13 36-0201	EA	30" Slip-on Flange, Steel, Class 150	2,169.96	804.81
33 14 13 36-0202		**Slip-on Flanges, Steel, Class 300** *(33 14 13 36-0124)*		
33 14 13 36-0203	EA	4" Slip-on Flange, Steel, Class 300	228.16	110.49
33 14 13 36-0204	EA	6" Slip-on Flange, Steel, Class 300	369.72	182.38
33 14 13 36-0205	EA	8" Slip-on Flange, Steel, Class 300	530.79	256.28
33 14 13 36-0206	EA	10" Slip-on Flange, Steel, Class 300	692.04	292.99
33 14 13 36-0207	EA	12" Slip-on Flange, Steel, Class 300	973.60	383.29
33 14 13 36-0208	EA	14" Slip-on Flange, Steel, Class 300	1,262.22	453.04
33 14 13 36-0209	EA	16" Slip-on Flange, Steel, Class 300	1,578.03	529.10
33 14 13 36-0210	EA	18" Slip-on Flange, Steel, Class 300	1,764.37	589.89
33 14 13 36-0211	EA	20" Slip-on Flange, Steel, Class 300	1,991.96	661.52
33 14 13 36-0212	EA	24" Slip-on Flange, Steel, Class 300	2,148.64	683.48
33 14 13 36-0213	EA	30" Slip-on Flange, Steel, Class 300	2,940.61	804.81
33 14 13 36-0214		**Blind Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0215	EA	4" Blind Flange, Steel, Class 150	216.23	110.49
33 14 13 36-0216	EA	6" Blind Flange, Steel, Class 150	350.17	182.38
33 14 13 36-0217	EA	8" Blind Flange, Steel, Class 150	506.02	256.28
33 14 13 36-0218	EA	10" Blind Flange, Steel, Class 150	676.84	292.99
33 14 13 36-0219	EA	12" Blind Flange, Steel, Class 150	911.02	383.29
33 14 13 36-0220	EA	14" Blind Flange, Steel, Class 150	1,371.92	453.04
33 14 13 36-0221	EA	16" Blind Flange, Steel, Class 150	1,523.25	529.10
33 14 13 36-0222	EA	18" Blind Flange, Steel, Class 150	1,677.31	589.89
33 14 13 36-0223	EA	20" Blind Flange, Steel, Class 150	2,077.38	661.52
33 14 13 36-0224	EA	24" Blind Flange, Steel, Class 150	2,579.07	683.48
33 14 13 36-0225	EA	30" Blind Flange, Steel, Class 150	3,631.35	804.81
33 14 13 36-0226		**Blind Flanges, Steel, Class 300** *(33 14 13 36-0124)*		
33 14 13 36-0227	EA	4" Blind Flange, Steel, Class 300	254.21	110.49
33 14 13 36-0228	EA	6" Blind Flange, Steel, Class 300	407.71	182.38
33 14 13 36-0229	EA	8" Blind Flange, Steel, Class 300	597.30	256.28
33 14 13 36-0230	EA	10" Blind Flange, Steel, Class 300	855.09	292.99
33 14 13 36-0231	EA	12" Blind Flange, Steel, Class 300	1,163.31	383.29
33 14 13 36-0232	EA	14" Blind Flange, Steel, Class 300	1,891.37	453.04
33 14 13 36-0233	EA	16" Blind Flange, Steel, Class 300	2,070.79	529.10
33 14 13 36-0234	EA	18" Blind Flange, Steel, Class 300	2,272.00	589.89
33 14 13 36-0235	EA	20" Blind Flange, Steel, Class 300	2,891.62	661.52
33 14 13 36-0236	EA	24" Blind Flange, Steel, Class 300	3,744.79	683.48
33 14 13 36-0237	EA	30" Blind Flange, Steel, Class 300	5,449.88	804.81
33 14 13 36-0238		**Screw Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0239	EA	4" Diameter, Screw Flange, Steel, Class 150	210.15	110.49
33 14 13 36-0240	EA	6" Diameter, Screw Flange, Steel, Class 150	341.99	182.38
33 14 13 36-0241	EA	8" Diameter, Screw Flange, Steel, Class 150	491.66	256.28
33 14 13 36-0242	EA	10" Diameter, Screw Flange, Steel, Class 150	596.02	292.99
33 14 13 36-0243	EA	12" Diameter, Screw Flange, Steel, Class 150	803.33	383.29
33 14 13 36-0244		**Screw Flanges, Steel, Class 300** *(33 14 13 36-0124)*		
33 14 13 36-0245	EA	4" Diameter, Screw Flange, Steel, Class 300	247.77	110.49
33 14 13 36-0246	EA	6" Diameter, Screw Flange, Steel, Class 300	399.87	182.38
33 14 13 36-0247	EA	8" Diameter, Screw Flange, Steel, Class 300	582.31	256.28
33 14 13 36-0248	EA	10" Diameter, Screw Flange, Steel, Class 300	728.46	292.99
33 14 13 36-0249	EA	12" Diameter, Screw Flange, Steel, Class 300	996.45	383.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 14 13 36-0250 Steel Flange Gaskets *(33 14 13 36-0124)*

33 14 13 36-0251 1/16" Thick Cloth-Inserted Rubber Flange Gasket, Class 150 (Tripac) *(33 14 13 36-0250)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 36-0252	EA	4" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	3.72	
33 14 13 36-0253	EA	6" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	5.83	
33 14 13 36-0254	EA	8" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	7.79	
33 14 13 36-0255	EA	10" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	12.02	
33 14 13 36-0256	EA	12" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	15.70	
33 14 13 36-0257	EA	14" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	18.01	
33 14 13 36-0258	EA	16" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	22.43	
33 14 13 36-0259	EA	18" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	25.49	
33 14 13 36-0260	EA	20" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	32.93	
33 14 13 36-0261	EA	24" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	40.44	
33 14 13 36-0262	EA	30" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	61.39	

33 14 13 36-0263 1/8" Thick Cloth-Inserted Rubber Flange Gasket, Class 250 (Tripac) *(33 14 13 36-0250)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 36-0264	EA	4" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	11.39	
33 14 13 36-0265	EA	6" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	21.30	
33 14 13 36-0266	EA	8" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	30.19	
33 14 13 36-0267	EA	10" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	38.41	
33 14 13 36-0268	EA	12" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	46.47	
33 14 13 36-0269	EA	14" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	57.75	
33 14 13 36-0270	EA	16" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	68.60	
33 14 13 36-0271	EA	18" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	94.59	
33 14 13 36-0272	EA	20" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	106.38	
33 14 13 36-0273	EA	24" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	147.84	
33 14 13 36-0274	EA	30" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	261.03	

33 14 13 36-0275 Steel Flange Bolt Packs *(33 14 13 36-0124)*

33 14 13 36-0276 Class 150, Steel Flange Bolt Packs *(33 14 13 36-0275)*

Note: Includes plain finish A307B bolts, A563 heavy hex nut and two structural washers. Labor installation is included with pipe fittings or valves.

33 14 13 36-0277	EA	1" Pipe Diameter, Class 150, Steel Flange Bolt Pack	11.04	
		For Zinc Plated, Add	*3.09*	
		For Hot Dip Galvanized, Add	*4.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*7.73*	
33 14 13 36-0278	EA	1-1/4" Pipe Diameter, Class 150, Steel Flange Bolt Pack	12.39	
		For Zinc Plated, Add	*3.47*	
		For Hot Dip Galvanized, Add	*4.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*8.67*	
33 14 13 36-0279	EA	1-1/2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	12.39	
		For Zinc Plated, Add	*3.47*	
		For Hot Dip Galvanized, Add	*4.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*8.67*	
33 14 13 36-0280	EA	2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	15.96	
		For Zinc Plated, Add	*4.47*	
		For Hot Dip Galvanized, Add	*6.38*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.17*	
33 14 13 36-0281	EA	2-1/2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	16.06	
		For Zinc Plated, Add	*4.50*	
		For Hot Dip Galvanized, Add	*6.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.24*	
33 14 13 36-0282	EA	3" Pipe Diameter, Class 150, Steel Flange Bolt Pack	16.06	
		For Zinc Plated, Add	*4.50*	
		For Hot Dip Galvanized, Add	*6.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.24*	
33 14 13 36-0283	EA	4" Pipe Diameter, Class 150, Steel Flange Bolt Pack	37.51	
		For Zinc Plated, Add	*10.50*	
		For Hot Dip Galvanized, Add	*15.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*26.26*	
33 14 13 36-0284	EA	5" Pipe Diameter, Class 150, Steel Flange Bolt Pack	53.74	
		For Zinc Plated, Add	*15.05*	
		For Hot Dip Galvanized, Add	*21.50*	
		For Advanced Fluoropolymer (Blue Coating), Add	*37.62*	
33 14 13 36-0285	EA	6" Pipe Diameter, Class 150, Steel Flange Bolt Pack	57.88	
		For Zinc Plated, Add	*16.21*	
		For Hot Dip Galvanized, Add	*23.15*	
		For Advanced Fluoropolymer (Blue Coating), Add	*40.52*	
33 14 13 36-0286	EA	8" Pipe Diameter, Class 150, Steel Flange Bolt Pack	62.85	
		For Zinc Plated, Add	*17.60*	
		For Hot Dip Galvanized, Add	*25.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.00*	
33 14 13 36-0287	EA	10" Pipe Diameter, Class 150, Steel Flange Bolt Pack	141.17	
		For Zinc Plated, Add	*39.53*	
		For Hot Dip Galvanized, Add	*56.47*	
		For Advanced Fluoropolymer (Blue Coating), Add	*98.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0288	EA	12" Pipe Diameter, Class 150, Steel Flange Bolt Pack	142.41	
		For Zinc Plated, Add	*39.87*	
		For Hot Dip Galvanized, Add	*56.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*99.69*	
33 14 13 36-0289	EA	14" Pipe Diameter, Class 150, Steel Flange Bolt Pack	159.55	
		For Zinc Plated, Add	*44.67*	
		For Hot Dip Galvanized, Add	*63.82*	
		For Advanced Fluoropolymer (Blue Coating), Add	*111.69*	
33 14 13 36-0290	EA	16" Pipe Diameter, Class 150, Steel Flange Bolt Pack	268.23	
		For Zinc Plated, Add	*75.10*	
		For Hot Dip Galvanized, Add	*107.29*	
		For Advanced Fluoropolymer (Blue Coating), Add	*187.76*	
33 14 13 36-0291	EA	18" Pipe Diameter, Class 150, Steel Flange Bolt Pack	389.66	
		For Zinc Plated, Add	*109.10*	
		For Hot Dip Galvanized, Add	*155.86*	
		For Advanced Fluoropolymer (Blue Coating), Add	*272.76*	
33 14 13 36-0292	EA	20" Pipe Diameter, Class 150, Steel Flange Bolt Pack	492.00	
		For Zinc Plated, Add	*137.76*	
		For Hot Dip Galvanized, Add	*196.80*	
		For Advanced Fluoropolymer (Blue Coating), Add	*344.40*	
33 14 13 36-0293	EA	22" Pipe Diameter, Class 150, Steel Flange Bolt Pack	703.96	
		For Zinc Plated, Add	*197.11*	
		For Hot Dip Galvanized, Add	*281.58*	
		For Advanced Fluoropolymer (Blue Coating), Add	*492.77*	
33 14 13 36-0294	EA	24" Pipe Diameter, Class 150, Steel Flange Bolt Pack	703.96	
		For Zinc Plated, Add	*197.11*	
		For Hot Dip Galvanized, Add	*281.58*	
		For Advanced Fluoropolymer (Blue Coating), Add	*492.77*	
33 14 13 36-0295	EA	30" Pipe Diameter, Class 150, Steel Flange Bolt Pack	1,112.37	
		For Zinc Plated, Add	*311.46*	
		For Hot Dip Galvanized, Add	*444.95*	
		For Advanced Fluoropolymer (Blue Coating), Add	*778.66*	
33 14 13 36-0296	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt Set Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	1,586.82	
		For Zinc Plated, Add	*444.31*	
		For Hot Dip Galvanized, Add	*634.73*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,110.77*	

33 14 13 36-0297 Class 300, Steel Flange Bolt Packs *(33 14 13 36-0275)*

Note: Includes plain finish A307B bolts, A563 heavy hex nut and two structural washers. Labor installation is included with pipe fittings or valves.

33 14 13 36-0298	EA	1" Pipe Diameter, Class 300, Steel Flange Bolt Pack	16.06	
		For Zinc Plated, Add	*4.50*	
		For Hot Dip Galvanized, Add	*6.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.24*	
33 14 13 36-0299	EA	1-1/4" Pipe Diameter, Class 300, Steel Flange Bolt Pack	16.06	
		For Zinc Plated, Add	*4.50*	
		For Hot Dip Galvanized, Add	*6.42*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.24*	
33 14 13 36-0300	EA	1-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	17.98	
		For Zinc Plated, Add	*5.03*	
		For Hot Dip Galvanized, Add	*7.19*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.59*	
33 14 13 36-0301	EA	2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	35.96	
		For Zinc Plated, Add	*10.07*	
		For Hot Dip Galvanized, Add	*14.38*	
		For Advanced Fluoropolymer (Blue Coating), Add	*25.17*	
33 14 13 36-0302	EA	2-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	57.88	
		For Zinc Plated, Add	*16.21*	
		For Hot Dip Galvanized, Add	*23.15*	
		For Advanced Fluoropolymer (Blue Coating), Add	*40.52*	
33 14 13 36-0303	EA	3" Pipe Diameter, Class 300, Steel Flange Bolt Pack	62.85	
		For Zinc Plated, Add	*17.60*	
		For Hot Dip Galvanized, Add	*25.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.00*	
33 14 13 36-0304	EA	3-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	62.85	
		For Zinc Plated, Add	*17.60*	
		For Hot Dip Galvanized, Add	*25.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.00*	
33 14 13 36-0305	EA	4" Pipe Diameter, Class 300, Steel Flange Bolt Pack	63.99	
		For Zinc Plated, Add	*17.92*	
		For Hot Dip Galvanized, Add	*25.60*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.79*	
33 14 13 36-0306	EA	5" Pipe Diameter, Class 300, Steel Flange Bolt Pack	65.02	
		For Zinc Plated, Add	*18.21*	
		For Hot Dip Galvanized, Add	*26.01*	
		For Advanced Fluoropolymer (Blue Coating), Add	*45.51*	
33 14 13 36-0307	EA	6" Pipe Diameter, Class 300, Steel Flange Bolt Pack	97.53	
		For Zinc Plated, Add	*27.31*	
		For Hot Dip Galvanized, Add	*39.01*	
		For Advanced Fluoropolymer (Blue Coating), Add	*68.27*	
33 14 13 36-0308	EA	8" Pipe Diameter, Class 300, Steel Flange Bolt Pack	152.51	
		For Zinc Plated, Add	*42.70*	
		For Hot Dip Galvanized, Add	*61.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*106.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0309	EA	10" Pipe Diameter, Class 300, Steel Flange Bolt Pack	286.03	
		For Zinc Plated, Add	*80.09*	
		For Hot Dip Galvanized, Add	*114.41*	
		For Advanced Fluoropolymer (Blue Coating), Add	*200.22*	
33 14 13 36-0310	EA	12" Pipe Diameter, Class 300, Steel Flange Bolt Pack	416.37	
		For Zinc Plated, Add	*116.58*	
		For Hot Dip Galvanized, Add	*166.55*	
		For Advanced Fluoropolymer (Blue Coating), Add	*291.46*	
33 14 13 36-0311	EA	14" Pipe Diameter, Class 300, Steel Flange Bolt Pack	572.23	
		For Zinc Plated, Add	*160.22*	
		For Hot Dip Galvanized, Add	*228.89*	
		For Advanced Fluoropolymer (Blue Coating), Add	*400.56*	
33 14 13 36-0312	EA	16" Pipe Diameter, Class 300, Steel Flange Bolt Pack	794.55	
		For Zinc Plated, Add	*222.47*	
		For Hot Dip Galvanized, Add	*317.82*	
		For Advanced Fluoropolymer (Blue Coating), Add	*556.19*	
33 14 13 36-0313	EA	18" Pipe Diameter, Class 300, Steel Flange Bolt Pack	1,017.74	
		For Zinc Plated, Add	*284.97*	
		For Hot Dip Galvanized, Add	*407.10*	
		For Advanced Fluoropolymer (Blue Coating), Add	*712.42*	
33 14 13 36-0314	EA	20" Pipe Diameter, Class 300, Steel Flange Bolt Pack	1,077.68	
		For Zinc Plated, Add	*301.75*	
		For Hot Dip Galvanized, Add	*431.07*	
		For Advanced Fluoropolymer (Blue Coating), Add	*754.38*	
33 14 13 36-0315	EA	24" Pipe Diameter, Class 300, Steel Flange Bolt Pack	1,360.93	
		For Zinc Plated, Add	*381.06*	
		For Hot Dip Galvanized, Add	*544.37*	
		For Advanced Fluoropolymer (Blue Coating), Add	*952.65*	
33 14 13 36-0316	EA	30" Pipe Diameter, Class 300, Steel Flange Bolt Pack	2,125.45	
		For Zinc Plated, Add	*595.13*	
		For Hot Dip Galvanized, Add	*850.18*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,487.82*	

33 14 13 36-0317 Flanged Steel Pipe Fittings, Standard Wall Thickness *(33 14 13 36-0001)*

See CSI section 33 14 13 36-0276 for bolt pack.

33 14 13 36-0318 Flanged 90 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0319	EA	4" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	493.56	220.97
		For Class 300, Add	*120.86*	
33 14 13 36-0320	EA	6" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	835.64	364.75
		For Class 300, Add	*215.22*	
33 14 13 36-0321	EA	8" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,256.23	512.70
		For Class 300, Add	*363.28*	
33 14 13 36-0322	EA	10" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,671.93	585.85
		For Class 300, Add	*591.23*	
33 14 13 36-0323	EA	12" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,302.85	766.59
		For Class 300, Add	*859.43*	

33 14 13 36-0324 Flanged 45 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0325	EA	4" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	480.66	220.97
		For Class 300, Add	*111.25*	
33 14 13 36-0326	EA	6" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	803.91	364.75
		For Class 300, Add	*191.58*	
33 14 13 36-0327	EA	8" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,242.29	512.70
		For Class 300, Add	*352.90*	
33 14 13 36-0328	EA	10" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,563.80	585.85
		For Class 300, Add	*510.68*	
33 14 13 36-0329	EA	12" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,146.05	766.59
		For Class 300, Add	*742.62*	

33 14 13 36-0330 Flanged 22.5 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0331	EA	4" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	475.98	220.97
		For Class 300, Add	*107.76*	
33 14 13 36-0332	EA	6" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	792.95	364.75
		For Class 300, Add	*183.42*	
33 14 13 36-0333	EA	8" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,176.65	512.70
		For Class 300, Add	*304.00*	
33 14 13 36-0334	EA	10" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,529.00	585.85
		For Class 300, Add	*484.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0335	EA	12" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,095.58	766.59
		For Class 300, Add	*705.02*	

33 14 13 36-0336 Flanged 11.25 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0337	EA	4" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	478.08	220.97
		For Class 300, Add	*109.33*	
33 14 13 36-0338	EA	6" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	798.10	364.75
		For Class 300, Add	*187.26*	
33 14 13 36-0339	EA	8" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,186.21	512.70
		For Class 300, Add	*311.12*	
33 14 13 36-0340	EA	10" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,546.56	585.85
		For Class 300, Add	*497.83*	
33 14 13 36-0341	EA	12" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,121.04	766.59
		For Class 300, Add	*723.98*	

33 14 13 36-0342 Flanged Tees, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0343	EA	4"x4"x4", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	757.29	331.46
		For Class 300, Add	*193.97*	
33 14 13 36-0344	EA	6"x6"x6", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,239.84	547.00
		For Class 300, Add	*312.64*	
33 14 13 36-0345	EA	8"x8"x8", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,857.23	768.98
		For Class 300, Add	*524.72*	
33 14 13 36-0346	EA	10"x10"x10" Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,411.03	878.84
		For Class 300, Add	*814.68*	
33 14 13 36-0347	EA	12"x12"x12" Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	3,345.32	1,149.88
		For Class 300, Add	*1,207.98*	

33 14 13 36-0348 Flanged Reducing Tees, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0349	EA	6"x6"x4", Reducing Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,213.88	547.00
		For Class 300, Add	*293.30*	
33 14 13 36-0350	EA	8"x8"x6", Reducing Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,815.47	768.98
		For Class 300, Add	*493.61*	
33 14 13 36-0351	EA	10"x10"x 8" Reducing Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	2,358.32	878.84
		For Class 300, Add	*775.41*	
33 14 13 36-0352	EA	12"x12"x6" Reducing Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	3,170.84	1,149.88
		For Class 300, Add	*1,077.99*	

33 14 13 36-0353 Flanged Eccentric Reducers, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0354	EA	6" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	744.10	364.75
		For Class 300, Add	*147.03*	
33 14 13 36-0355	EA	8" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,091.84	512.70
		For Class 300, Add	*240.81*	
33 14 13 36-0356	EA	8" x 6", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,060.36	512.70
		For Class 300, Add	*217.36*	
33 14 13 36-0357	EA	10" x 8", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,302.65	585.85
		For Class 300, Add	*316.12*	
33 14 13 36-0358	EA	12" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,650.35	766.59
		For Class 300, Add	*373.32*	
33 14 13 36-0359	EA	12" x 6", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,899.05	766.59
		For Class 300, Add	*558.60*	
33 14 13 36-0360	EA	12" x 8", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,804.11	766.59
		For Class 300, Add	*487.87*	
33 14 13 36-0361	EA	12" x 10", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,777.44	766.59
		For Class 300, Add	*468.00*	

33 14 13 36-0362 Flanged Concentric Reducers, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0363	EA	6" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	724.14	364.75
		For Class 300, Add	*132.16*	
33 14 13 36-0364	EA	8" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,022.74	512.70
		For Class 300, Add	*189.33*	
33 14 13 36-0365	EA	8" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,036.19	512.70
		For Class 300, Add	*199.35*	
33 14 13 36-0366	EA	10" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,300.07	585.85
		For Class 300, Add	*314.20*	
33 14 13 36-0367	EA	12" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,817.94	766.59
		For Class 300, Add	*498.17*	
33 14 13 36-0368	EA	12" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,668.85	766.59
		For Class 300, Add	*387.10*	
33 14 13 36-0369	EA	12" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,705.97	766.59
		For Class 300, Add	*414.76*	
33 14 13 36-0370	EA	12" x 10", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Epoxy Coated	1,744.41	766.59
		For Class 300, Add	*443.39*	

33 14 13 36-0371 Flanged Crosses, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0372	EA	8" x 8" x 8" x 8", Crosses, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,506.81	1,021.61
		For Class 300, Add	*724.98*	
33 14 13 36-0373	EA	12" x 12" x 12" x 12", Crosses, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	4,554.88	1,531.16
		For Class 300, Add	*1,681.38*	

33 14 13 36-0374 Grooved-Joint Pipe, Cement Mortar Lined And Epoxy Coated *(33 14 13 36)*

Note: Excludes fittings, elbow, tee, reducer fitting or couplings.

33 14 13 36-0375	LF	3" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	70.72	26.73
33 14 13 36-0376	LF	4" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	86.63	29.76
33 14 13 36-0377	LF	6" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	149.90	52.21
33 14 13 36-0378	LF	8" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	194.28	59.15
33 14 13 36-0379	LF	10" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	251.59	70.63
33 14 13 36-0380	LF	12" Diameter, Schedule 40, AGS, Cement Mortar Lined And Epoxy Coated	304.27	81.09

33 14 13 36-0381 Grooved-Joint Pipe Fittings *(33 14 13 36)*

33 14 13 36-0382 90 Degree Grooved Elbow *(33 14 13 36-0381)*

33 14 13 36-0383	EA	3" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	188.61	40.62
33 14 13 36-0384	EA	4" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	220.67	53.60
33 14 13 36-0385	EA	6" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	503.80	87.66
33 14 13 36-0386	EA	8" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	931.12	104.30
33 14 13 36-0387	EA	10" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,385.79	121.71
33 14 13 36-0388	EA	12" 90 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	2,132.89	146.05

33 14 13 36-0389 45 Degree Grooved Elbow *(33 14 13 36-0381)*

33 14 13 36-0390	EA	3" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	188.57	40.62
33 14 13 36-0391	EA	4" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	220.67	53.60
33 14 13 36-0392	EA	6" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	503.80	87.66
33 14 13 36-0393	EA	8" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	931.12	104.30
33 14 13 36-0394	EA	10" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,385.79	121.71
33 14 13 36-0395	EA	12" 45 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	2,132.89	146.05

33 14 13 36-0396 22.5 Degree Grooved Elbow *(33 14 13 36-0381)*

33 14 13 36-0397	EA	3" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	174.49	40.62
33 14 13 36-0398	EA	4" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	230.61	53.60
33 14 13 36-0399	EA	6" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	532.46	87.66
33 14 13 36-0400	EA	8" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	986.73	104.30
33 14 13 36-0401	EA	10" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,324.42	121.71
33 14 13 36-0402	EA	12" 22.5 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,759.11	146.05

33 14 13 36-0403 11.25 Degree Grooved Elbow *(33 14 13 36-0381)*

33 14 13 36-0404	EA	3" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	174.49	40.62
33 14 13 36-0405	EA	4" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	230.60	53.60
33 14 13 36-0406	EA	6" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	532.44	87.66
33 14 13 36-0407	EA	8" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	986.68	104.30
33 14 13 36-0408	EA	10" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,324.36	121.71
33 14 13 36-0409	EA	12" 11.25 Degree Elbow, Steel, AGS, Schedule 40, Cement Mortar Lined And Epoxy Coated	1,759.03	146.05

33 14 13 36-0410 Grooved Couplings *(33 14 13 36-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0411	EA	3" Coupling, Steel, AGS, Schedule 40	56.07	20.05
33 14 13 36-0412	EA	4" Coupling, Steel, AGS, Schedule 40	82.21	26.73
33 14 13 36-0413	EA	6" Coupling, Steel, AGS, Schedule 40	141.88	43.76
33 14 13 36-0414	EA	8" Coupling, Steel, AGS, Schedule 40	202.40	52.21
33 14 13 36-0415	EA	10" Coupling, Steel, AGS, Schedule 40	300.26	62.56
33 14 13 36-0416	EA	12" Coupling, Steel, AGS, Schedule 40	337.66	68.49

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	8.78	2.16
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	11.31	2.43
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	15.07	2.71
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	19.01	3.24
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	23.57	4.33
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	34.92	5.40
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	43.77	6.49
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	55.41	7.13
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	74.29	8.97
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	98.37	11.35
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	160.74	14.15
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	208.27	17.07
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	364.29	19.13

33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	9.42	2.16
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	13.58	2.43
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	17.33	2.71
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	20.40	3.24
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	25.64	4.33
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	37.70	5.40
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	51.49	6.49
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	66.97	7.13
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	87.89	8.97
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	119.00	11.35
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	203.43	14.15
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	285.03	17.07
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	505.96	19.13

33 14 13 39-0029 Copper Flare x Female Copper Flare Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15405

33 14 13 39-0030	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling	36.41
33 14 13 39-0031	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling	50.77
33 14 13 39-0032	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling	114.22
33 14 13 39-0033	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling	145.39

33 14 13 39-0034 Copper Flare x Female Iron Pipe Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15450

33 14 13 39-0035	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	40.15
33 14 13 39-0036	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	36.54
33 14 13 39-0037	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling	49.63
33 14 13 39-0038	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	71.57
33 14 13 39-0039	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	91.19
33 14 13 39-0040	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling	141.36

33 14 13 39-0041 Copper Flare x Male Iron Pipe Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15425

33 14 13 39-0042	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	35.47
33 14 13 39-0043	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	36.63
33 14 13 39-0044	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling	48.62
33 14 13 39-0045	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	71.57
33 14 13 39-0046	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	94.84
33 14 13 39-0047	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling	145.88

33 14 13 39-0048 Brass Fittings *(33 14 13 39)*

33 14 13 39-0049 Brass Compression Reducer Coupling *(33 14 13 39-0048)*

33 14 13 39-0050	EA	3/4" x 1" Brass Compression Reducer Coupling	51.45	16.34
33 14 13 39-0051	EA	1" x 3/4" Brass Compression Reducer Coupling	40.42	16.34
33 14 13 39-0052	EA	1-1/2" x 1" Brass Compression Reducer Coupling	85.79	24.80
33 14 13 39-0053	EA	2" x 1-1/2" Brass Compression Reducer Coupling	106.20	31.46

33 14 13 39-0054 Copper Compression x Male NPT Brass Coupling *(33 14 13 39-0048)*

Note: A. Y. McDonald 74753Q

33 14 13 39-0055	EA	3/4" Copper Compression x Male NPT Brass Coupling	53.46	18.15
33 14 13 39-0056	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling	61.10	21.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0057	EA	1" Copper Compression x Male NPT Brass Coupling	62.70	21.18
33 14 13 39-0058	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling	61.37	21.18
33 14 13 39-0059	EA	1-1/4" Copper Compression x Male NPT Brass Coupling	83.97	24.20
33 14 13 39-0060	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling	81.56	24.20
33 14 13 39-0061	EA	1-1/2" Copper Compression x Male NPT Brass Coupling	111.42	30.26
33 14 13 39-0062	EA	2" Copper Compression x Male NPT Brass Coupling	146.82	36.31
33 14 13 39-0063		Brass Nipples *(33 14 13 39-0048)*		
33 14 13 39-0064	EA	3/4" x 6" Long Brass Nipple	37.13	7.56
33 14 13 39-0065	EA	1" x 6" Long Brass Nipple	48.40	8.17
33 14 13 39-0066	EA	1-1/2" x 6" Long Brass Nipple	73.90	8.78
33 14 13 39-0067		Brass "H" Style Meter Insetters *(33 14 13 39-0048)*		
33 14 13 39-0068	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters	284.93	33.44
33 14 13 39-0069	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters	181.13	33.44
33 14 13 39-0070		Meter Setters - Resetter, Brass *(33 14 13 39-0048)*		
33 14 13 39-0071	EA	1" Meter, 10" High Brass Meter Setter - Resetter Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.	762.14	33.44

33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps *(33 14 13)*

33 14 13 43-0001 Pipe Coatings *(33 14 13 43)*

33 14 13 43-0002 Epoxy Wrap And Pipe Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0003	LF	4" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	2.27	
33 14 13 43-0004	LF	6" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	2.80	
33 14 13 43-0005	LF	8" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	3.50	
33 14 13 43-0006	LF	10" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	4.16	
33 14 13 43-0007	LF	12" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	4.91	
33 14 13 43-0008	LF	14" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	6.53	
33 14 13 43-0009	LF	16" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	7.45	
33 14 13 43-0010	LF	18" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	7.83	
33 14 13 43-0011	LF	20" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	8.43	
33 14 13 43-0012	LF	24" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	9.83	
33 14 13 43-0013	LF	30" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	12.90	
33 14 13 43-0014	LF	36" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	20.38	
33 14 13 43-0015	LF	42" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	43.93	
33 14 13 43-0016	LF	48" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	50.20	
33 14 13 43-0017	LF	54" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	56.48	
33 14 13 43-0018	LF	60" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	62.76	
33 14 13 43-0019	LF	66" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	69.03	
33 14 13 43-0020	LF	72" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	75.28	
33 14 13 43-0021	LF	78" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	81.58	

33 14 13 43-0022 Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*

Note: Applied at fabrication shop. Thickness ranging between 1" and 2".

33 14 13 43-0023	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	9.25	
33 14 13 43-0024	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	11.38	
33 14 13 43-0025	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	14.23	
33 14 13 43-0026	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	15.85	
33 14 13 43-0027	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	17.90	
33 14 13 43-0028	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	20.95	
33 14 13 43-0029	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	23.80	
33 14 13 43-0030	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	26.85	
33 14 13 43-0031	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	29.84	
33 14 13 43-0032	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	35.80	
33 14 13 43-0033	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	44.74	
33 14 13 43-0034	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	53.69	
33 14 13 43-0035	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	62.64	
33 14 13 43-0036	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	71.59	
33 14 13 43-0037	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	80.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0038	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	89.49	
33 14 13 43-0039	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	98.44	
33 14 13 43-0040	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	107.39	
33 14 13 43-0041	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	116.33	

33 14 13 43-0042 Epoxy Wrap And Fitting Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0043	EA	4" Outside Diameter, Epoxy Wrap And Fitting Coating	10.77	
		For 1/2" Thick, Add	*0.52*	
33 14 13 43-0044	EA	6" Outside Diameter, Epoxy Wrap And Fitting Coating	13.69	
		For 1/2" Thick, Add	*0.70*	
33 14 13 43-0045	EA	8" Outside Diameter, Epoxy Wrap And Fitting Coating	19.84	
		For 1/2" Thick, Add	*0.91*	
33 14 13 43-0046	EA	10" Outside Diameter, Epoxy Wrap And Fitting Coating	33.16	
		For 1/2" Thick, Add	*1.33*	
33 14 13 43-0047	EA	12" Outside Diameter, Epoxy Wrap And Fitting Coating	50.59	
		For 1/2" Thick, Add	*1.97*	
33 14 13 43-0048	EA	14" Outside Diameter, Epoxy Wrap And Fitting Coating	79.22	
		For 1/2" Thick, Add	*3.00*	
33 14 13 43-0049	EA	16" Outside Diameter, Epoxy Wrap And Fitting Coating	121.27	
		For 1/2" Thick, Add	*3.87*	
33 14 13 43-0050	EA	18" Outside Diameter, Epoxy Wrap And Fitting Coating	164.11	
		For 1/2" Thick, Add	*3.99*	
33 14 13 43-0051	EA	20" Outside Diameter, Epoxy Wrap And Fitting Coating	223.32	
		For 1/2" Thick, Add	*4.77*	
33 14 13 43-0052	EA	24" Outside Diameter, Epoxy Wrap And Fitting Coating	324.63	
		For 1/2" Thick, Add	*6.68*	

33 14 13 43-0053 Cement Pipe Lining *(33 14 13 43)*

33 14 13 43-0054 Cement Pipe Lining *(33 14 13 43-0053)*

Note: Shop applied.

33 14 13 43-0055	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	14.31	
		For 1/2" Thick, Add	*1.23*	
33 14 13 43-0056	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	17.78	
		For 1/2" Thick, Add	*1.52*	
33 14 13 43-0057	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	21.71	
		For 1/2" Thick, Add	*1.90*	
33 14 13 43-0058	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	28.16	
		For 1/2" Thick, Add	*2.37*	
33 14 13 43-0059	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	34.64	
		For 1/2" Thick, Add	*2.85*	
33 14 13 43-0060	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	44.21	
		For 1/2" Thick, Add	*3.34*	
33 14 13 43-0061	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	57.18	
		For 1/2" Thick, Add	*3.79*	
33 14 13 43-0062	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	68.27	
		For 1/2" Thick, Add	*3.64*	
33 14 13 43-0063	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	82.36	
		For 1/2" Thick, Add	*4.04*	
33 14 13 43-0064	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	99.85	
		For 1/2" Thick, Add	*4.85*	
33 14 13 43-0065	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	120.23	
		For 1/2" Thick, Add	*6.06*	
33 14 13 43-0066	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	144.68	
		For 1/2" Thick, Add	*7.27*	
33 14 13 43-0067	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	168.83	
		For 1/2" Thick, Add	*6.24*	
33 14 13 43-0068	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	192.88	
		For 1/2" Thick, Add	*7.13*	
33 14 13 43-0069	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	217.02	
		For 1/2" Thick, Add	*8.02*	
33 14 13 43-0070	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	241.17	
		For 1/2" Thick, Add	*8.91*	
33 14 13 43-0071	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	265.22	
		For 1/2" Thick, Add	*5.23*	
33 14 13 43-0072	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	289.37	
		For 1/2" Thick, Add	*5.70*	
33 14 13 43-0073	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	313.51	
		For 1/2" Thick, Add	*6.18*	

33 14 13 43-0074 Cement Fitting Lining *(33 14 13 43-0053)*

Note: Shop applied.

33 14 13 43-0075	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	15.26	
		For 1/2" Thick, Add	*1.42*	
33 14 13 43-0076	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	19.67	
		For 1/2" Thick, Add	*1.90*	
33 14 13 43-0077	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	27.62	
		For 1/2" Thick, Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0078	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	45.47	
		For 1/2" Thick, Add	*3.79*	
33 14 13 43-0079	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	69.28	
		For 1/2" Thick, Add	*5.70*	
33 14 13 43-0080	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	102.58	
		For 1/2" Thick, Add	*7.68*	
33 14 13 43-0081	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	151.19	
		For 1/2" Thick, Add	*9.86*	
33 14 13 43-0082	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	204.79	
		For 1/2" Thick, Add	*10.91*	
33 14 13 43-0083	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	274.41	
		For 1/2" Thick, Add	*13.46*	
33 14 13 43-0084	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	399.41	
		For 1/2" Thick, Add	*19.39*	

33 14 13 43-0085 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0086	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	1.08	
33 14 13 43-0087	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.80	
33 14 13 43-0088	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	2.23	
33 14 13 43-0089	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	2.83	
33 14 13 43-0090	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	3.93	
33 14 13 43-0091	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	5.07	
33 14 13 43-0092	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	6.45	
33 14 13 43-0093	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	7.68	
33 14 13 43-0094	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing	9.15	
33 14 13 43-0095	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing	10.16	

33 14 13 43-0096 Enecon Polymeric Pipe Wrap *(33 14 13 43)*

Note: 1/4" thick polymeric wrap with three layers of integrated reinforcement. Includes minimal surface preparation.

33 14 13 43-0097	LF	6" Diameter Pipe, Enecon Polymeric Pipe Wrap	434.94	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*173.98*	
		For <10', Add	*434.94*	
33 14 13 43-0098	LF	8" Diameter Pipe, Enecon Polymeric Pipe Wrap	588.46	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*235.38*	
		For <10', Add	*588.46*	
33 14 13 43-0099	LF	10" Diameter Pipe, Enecon Polymeric Pipe Wrap	716.38	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*286.55*	
		For <10', Add	*716.38*	
33 14 13 43-0100	LF	12" Diameter Pipe, Enecon Polymeric Pipe Wrap	844.30	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*337.72*	
		For <10', Add	*844.30*	
33 14 13 43-0101	LF	14" Diameter Pipe, Enecon Polymeric Pipe Wrap	921.06	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*368.42*	
		For <10', Add	*921.06*	
33 14 13 43-0102	LF	16" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,048.98	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*419.59*	
		For <10', Add	*1,048.98*	
33 14 13 43-0103	LF	18" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,202.50	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*481.00*	
		For <10', Add	*1,202.50*	
33 14 13 43-0104	LF	20" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,343.21	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*537.28*	
		For <10', Add	*1,343.21*	
33 14 13 43-0105	LF	22" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,471.14	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*588.46*	
33 14 13 43-0106	LF	24" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,599.06	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*639.62*	
33 14 13 43-0107	LF	26" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,739.78	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*695.91*	
33 14 13 43-0108	LF	28" Diameter Pipe, Enecon Polymeric Pipe Wrap	1,867.70	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*747.08*	
33 14 13 43-0109	LF	30" Diameter Pipe, Enecon Polymeric Pipe Wrap	2,021.22	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*606.37*	
33 14 13 43-0110	LF	32" Diameter Pipe, Enecon Polymeric Pipe Wrap	2,123.56	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*637.07*	
33 14 13 43-0111	LF	34" Diameter Pipe, Enecon Polymeric Pipe Wrap	2,277.06	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*683.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0112	LF	36" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,404.99	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*721.50*	
33 14 13 43-0113	LF	42" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,814.35	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*844.31*	
33 14 13 43-0114	LF	48" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	3,223.71	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*967.11*	
33 14 13 43-0115	LF	60" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	3,991.26	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*1,197.38*	
33 14 13 43-0116	LF	96" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	6,396.25	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*1,918.88*	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	274.41
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	380.37
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	393.48
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	326.65
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	408.61
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	341.69
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	428.11
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	383.65
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	451.03
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	400.39
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	462.38

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	233.28
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	233.42
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	248.39
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	237.03
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	253.55
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	279.64
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	297.32
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	272.54
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	298.85
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	314.12
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	287.64
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	314.74
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	329.95
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	303.21
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	329.57
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	344.59
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	493.84
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	506.94
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	327.65
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	359.24
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	373.27
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	582.16
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	365.12
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	402.78
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	647.84
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	396.17
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	435.92
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	451.75
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	720.69
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	459.05
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	490.47
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	527.06
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	879.57
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	472.16
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	534.68
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	556.89
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	944.07
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	493.25
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	558.03
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	580.78
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	982.25
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	543.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	626.27	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	616.53	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	681.37	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	643.65	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	724.61	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	318.09	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	347.05	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	361.23	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	390.45	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	401.06	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	421.48	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	390.75	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	415.19	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	489.85	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	528.72	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	724.05	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	815.42	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	839.83	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	935.00	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	333.16	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	366.07	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	379.03	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	410.78	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	423.06	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	444.66	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	474.62	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	507.34	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	510.01	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	551.48	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	774.01	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	886.07	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	899.11	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	978.02	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,935.00	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,935.00	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,008.12	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,008.12	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,155.57	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,155.57	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,458.23	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,762.19	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,104.02	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,223.77	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,344.18	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,510.75	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,583.64	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,540.75	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,706.66	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,107.30	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,210.88	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,975.57	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,162.71	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,248.25	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,286.47	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,553.33	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,545.43	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,571.65	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,780.48	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,831.66	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,887.73	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,019.19	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,274.90	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,466.79	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,935.15	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,074.00	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,486.26	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,828.86	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,477.51	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,657.72	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,729.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,077.80	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,563.81	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,833.46	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,862.30	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,028.04	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,076.63	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,647.12	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,863.50	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,915.92	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,378.20	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,600.47	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,201.03	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,280.66	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,397.68	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,442.34	
33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,501.83	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,718.40	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,576.70	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,634.68	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,825.33	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,497.25	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,776.18	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,860.15	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,047.80	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,649.97	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,884.67	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,322.49	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,392.35	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,792.41	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,287.86	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,610.83	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,753.23	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,825.28	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,090.88	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,798.53	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,967.51	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,928.37	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,057.05	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,234.94	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,067.24	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,236.03	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,526.20	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,598.10	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,994.47	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,663.15	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,948.19	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,810.42	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,965.28	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,173.59	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,121.72	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,297.61	

33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,382.08	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,509.33	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,596.94	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,633.62	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,734.19	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,030.12	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,872.83	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,984.10	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,249.58	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,015.51	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,139.72	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,290.57	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,640.56	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,095.86	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,444.48	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,442.27	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,626.81	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,020.61	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,476.35	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,718.45	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,970.81	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,222.26	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,414.40	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,904.25	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,237.28	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,279.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,654.26	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,854.70	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,285.42	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,854.55	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,546.94	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,920.68	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,083.95	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,883.54	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,329.60	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,193.43	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,248.55	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,443.89	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,397.88	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,908.11	
33 14 13 53-0222		**Ductile Iron Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	339.43	65.07
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	425.34	82.05
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	560.00	113.17
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	723.92	132.97
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,128.97	149.95
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,261.53	169.76
33 14 13 53-0229		**Steel Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	491.29	65.07
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	581.60	82.05
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	777.06	113.17
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	949.83	132.97
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,157.95	149.95
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,348.68	169.76
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,600.33	186.73
33 14 13 53-0237	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,893.01	203.70
33 14 13 53-0238	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,233.38	224.07
33 14 13 53-0239	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,636.78	246.48
33 14 13 53-0240		**Steel Body, Flanged-Lock Restrained Coupling Adapters** *(33 14 13 53)*		
33 14 13 53-0241	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	435.50	82.05
33 14 13 53-0242	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	585.07	113.17
33 14 13 53-0243	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	648.90	132.97
33 14 13 53-0244	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	941.41	149.95
33 14 13 53-0245	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,196.14	169.76
33 14 13 53-0246	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,341.10	186.73
33 14 13 53-0247	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,574.29	203.70
33 14 13 53-0248	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,766.10	224.07
33 14 13 53-0249	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,119.38	246.48
33 14 13 53-0250	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,549.52	271.15
33 14 13 53-0251	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	5,273.73	298.20
33 14 13 53-0252	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	7,107.20	328.07
33 14 13 53-0253		**Ductile Iron Body, Omni Coupling System** *(33 14 13 53)*		
33 14 13 53-0254	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	155.63	45.26
33 14 13 53-0255	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	191.68	53.75
33 14 13 53-0256	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	237.10	65.07
33 14 13 53-0257	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	297.78	82.05
33 14 13 53-0258	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	397.81	113.17
33 14 13 53-0259	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	482.70	132.97
33 14 13 53-0260	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	600.83	149.95
33 14 13 53-0261	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	701.87	169.76
33 14 13 53-0262	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	979.65	186.73
33 14 13 53-0263	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,218.08	203.70
33 14 13 53-0264		**Fabricated Coupling (Smith-Blair 411)** *(33 14 13 53)*		
33 14 13 53-0265	EA	4" Steel Fabricated Coupling	515.49	184.64
33 14 13 53-0266	EA	6" Steel Fabricated Coupling	684.56	230.48
33 14 13 53-0267	EA	8" Steel Fabricated Coupling	794.30	263.60
33 14 13 53-0268	EA	10" Steel Fabricated Coupling	1,120.90	420.22
33 14 13 53-0269	EA	12" Steel Fabricated Coupling	1,267.79	458.42
33 14 13 53-0270	EA	14" Steel Fabricated Coupling	1,584.33	504.26
33 14 13 53-0271	EA	16" Steel Fabricated Coupling	1,911.23	560.29
33 14 13 53-0272	EA	18" Steel Fabricated Coupling	2,062.25	630.32
33 14 13 53-0273	EA	20" Steel Fabricated Coupling	2,440.45	719.46
33 14 13 53-0274	EA	24" Steel Fabricated Coupling	2,958.72	840.43
33 14 13 53-0275	EA	30" Steel Fabricated Coupling	4,090.42	1,008.52
33 14 13 53-0276	EA	36" Steel Fabricated Coupling	5,218.79	1,260.65
33 14 13 53-0277	EA	42" Steel Fabricated Coupling	6,029.75	1,438.92
33 14 13 53-0278	EA	48" Steel Fabricated Coupling	7,101.60	1,680.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0279		Transition Coupling (Smith-Blair 413) *(33 14 13 53)*		
33 14 13 53-0280	EA	4" Steel Transition Coupling	653.09	184.64
33 14 13 53-0281	EA	6" Steel Transition Coupling	907.13	230.48
33 14 13 53-0282	EA	8" Steel Transition Coupling	1,038.13	263.60
33 14 13 53-0283	EA	10" Steel Transition Coupling	1,461.38	420.22
33 14 13 53-0284	EA	12" Steel Transition Coupling	1,720.44	458.42
33 14 13 53-0285	EA	14" Steel Transition Coupling	1,947.37	504.26
33 14 13 53-0286	EA	16" Steel Transition Coupling	2,344.97	560.29
33 14 13 53-0287	EA	18" Steel Transition Coupling	2,959.52	630.32
33 14 13 53-0288	EA	20" Steel Transition Coupling	3,179.71	719.46
33 14 13 53-0289	EA	24" Steel Transition Coupling	3,840.98	840.43
33 14 13 53-0290	EA	30" Steel Transition Coupling	5,108.93	1,008.52
33 14 13 53-0291	EA	36" Steel Transition Coupling	6,083.86	1,260.65
33 14 13 53-0292	EA	42" Steel Transition Coupling	7,255.98	1,438.92
33 14 13 53-0293	EA	48" Steel Transition Coupling	8,117.79	1,680.87

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for bolt and gasket sets.

33 14 19 00-0001		Accessories For Valves *(33 14 19)*		
33 14 19 00-0002	EA	1' Valve Extension Stem	111.22	
		For Each Additional LF, Add	*8.84*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,698.92	111.45
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,927.32	122.60
33 14 19 00-0005	EA	Adjust Water Valve Box To Grade	111.45	
33 14 19 00-0006		Water Utility Distribution Valves *(33 14 19)*		
33 14 19 00-0007		Angle Valves *(33 14 19 00-0006)* Note: For connecting meters to water service.		
33 14 19 00-0008		Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0007)* Note: NIBCO T-335Y		
33 14 19 00-0009	EA	1/2" Diameter Threaded, Class 150, Bronze Angle Valve	105.76	19.36
33 14 19 00-0010	EA	3/4" Diameter Threaded, Class 150, Bronze Angle Valve	142.66	26.02
33 14 19 00-0011	EA	1" Diameter Threaded, Class 150, Bronze Angle Valve	191.86	32.06
33 14 19 00-0012	EA	1-1/4" Diameter Threaded, Class 150, Bronze Angle Valve	246.97	40.30
33 14 19 00-0013	EA	1-1/2" Diameter Threaded, Class 150, Bronze Angle Valve	308.10	46.59
33 14 19 00-0014	EA	2" Diameter Threaded, Class 150, Bronze Angle Valve	458.50	54.45
33 14 19 00-0015	EA	2-1/2" Diameter Threaded, Class 150, Bronze Angle Valve	733.31	74.34
33 14 19 00-0016	EA	3" Diameter Threaded, Class 150, Bronze Angle Valve	1,111.01	85.82
33 14 19 00-0017		Butterfly Valves *(33 14 19 00-0006)*		
33 14 19 00-0018		Lug Type Flanged, Cast Iron Disc, Butterfly Valves *(33 14 19 00-0017)* Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0019	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,134.40	205.72
33 14 19 00-0020	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,388.65	205.72
33 14 19 00-0021	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,400.18	318.43
33 14 19 00-0022	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,652.26	318.43
33 14 19 00-0023	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,777.38	395.11
33 14 19 00-0024	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,029.46	395.11
33 14 19 00-0025	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,139.23	504.86
33 14 19 00-0026	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,389.86	504.86
33 14 19 00-0027	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,936.61	614.61
33 14 19 00-0028	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	3,936.61	614.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0029	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,506.67	744.98
33 14 19 00-0030	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,758.74	744.98
33 14 19 00-0031	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	6,056.56	1,061.19
33 14 19 00-0032	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	6,715.73	1,061.19
33 14 19 00-0033	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	7,054.09	1,167.31
33 14 19 00-0034	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	7,862.47	1,167.31
33 14 19 00-0035	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	8,841.63	1,294.66
33 14 19 00-0036	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,1BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,697.82	1,294.66
33 14 19 00-0037	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	10,132.33	1,459.14
33 14 19 00-0038	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	10,987.07	1,459.14
33 14 19 00-0039		Lug Type Flanged, Ductile Iron Disc, Butterfly Valves *(33 14 19 00-0017)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0040	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	16,923.93	1,790.76
33 14 19 00-0041	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	27,213.45	1,790.76
33 14 19 00-0042	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	16,873.08	1,790.76
33 14 19 00-0043	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	27,707.56	2,826.77
33 14 19 00-0044	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	54,745.43	3,769.04
33 14 19 00-0045	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	64,760.23	5,653.55
33 14 19 00-0046	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	82,152.60	7,066.95
33 14 19 00-0047	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	114,751.38	8,480.33
33 14 19 00-0048	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	143,781.28	10,176.39
33 14 19 00-0049	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	206,257.19	12,211.68
33 14 19 00-0050	LF	3/16" Link, 316 Stainless Steel Chain For Use With DeZurik Chainwheel	19.00	
33 14 19 00-0051	EA	316 Stainless Steel Closing Link For Use With DeZurik Chainwheel Note: One required per valve.	10.00	
33 14 19 00-0052		Lug Type Flanged, Butterfly Valve, Cast Iron Body, Cast Iron Disc With 316 Stainless Steel Edge *(33 14 19 00-0017)* Note: AWWA C-504.		
33 14 19 00-0053		Aboveground Service *(33 14 19 00-0052)*		
33 14 19 00-0054		Valve *(33 14 19 00-0053)*		
33 14 19 00-0055	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504	1,991.38	189.47
33 14 19 00-0056	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504	2,167.63	317.65
33 14 19 00-0057	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	2,868.73	395.11
33 14 19 00-0058	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	3,373.58	504.86
33 14 19 00-0059	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	4,875.12	614.61
33 14 19 00-0060	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	5,150.61	746.31
33 14 19 00-0061	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	8,328.11	1,061.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0062	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	9,718.90	1,167.31
33 14 19 00-0063	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	12,007.61	1,071.18
33 14 19 00-0064	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	14,389.57	1,207.27
33 14 19 00-0065	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	19,808.72	1,481.65
33 14 19 00-0066		Valve With 120 Volt AC Electric Motor Operator *(33 14 19 00-0053)*		
33 14 19 00-0067	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With 120 Volt AC Electric Motor Operator	14,506.32	189.47
33 14 19 00-0068	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With 120 Volt AC Electric Motor Operator	14,703.03	317.65
33 14 19 00-0069	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	14,826.20	395.11
33 14 19 00-0070	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	15,285.02	504.86
33 14 19 00-0071	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	16,096.12	614.61
33 14 19 00-0072	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	18,463.39	746.31
33 14 19 00-0073	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	19,835.51	1,061.19
33 14 19 00-0074	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	21,635.45	1,167.31
33 14 19 00-0075	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	30,688.57	1,294.66
33 14 19 00-0076	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	33,655.96	1,459.14
33 14 19 00-0077		Valve With Pneumatic Or Hydraulic Motor Operator *(33 14 19 00-0053)*		
33 14 19 00-0078	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With Pneumatic Or Hydraulic Operator	6,287.48	189.47
33 14 19 00-0079	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With Pneumatic Or Hydraulic Operator	6,484.19	317.65
33 14 19 00-0080	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	6,765.90	395.11
33 14 19 00-0081	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	7,219.61	504.86
33 14 19 00-0082	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	9,912.81	614.61
33 14 19 00-0083	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	10,617.90	746.31
33 14 19 00-0084	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	11,780.33	1,061.19
33 14 19 00-0085	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	13,232.49	1,167.31
33 14 19 00-0086	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	14,276.46	1,294.66
33 14 19 00-0087	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	20,460.80	1,459.14
33 14 19 00-0088	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	33,571.57	1,481.65
33 14 19 00-0089		Buried Service *(33 14 19 00-0052)*		
33 14 19 00-0090	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, Buried Service	3,906.53	317.65
33 14 19 00-0091	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	4,157.56	395.11
33 14 19 00-0092	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	5,567.66	504.86
33 14 19 00-0093	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	8,327.34	614.61
33 14 19 00-0094	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	8,705.12	746.31
33 14 19 00-0095	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	14,112.50	1,061.19
33 14 19 00-0096	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	16,669.37	1,167.31
33 14 19 00-0097	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	21,114.41	1,294.66
33 14 19 00-0098	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	24,787.59	1,459.14
33 14 19 00-0099	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	35,768.46	1,790.76
33 14 19 00-0100		Ductile Iron, Flanged End, Short-Body Type, Class 150, Butterfly Valves (Henry Pratt, Mueller) *(33 14 19 00-0017)* Note: Shall conform to AWWA C504		
33 14 19 00-0101	EA	6" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	1,386.26	401.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0102	EA	8" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	1,768.19	504.86
33 14 19 00-0103	EA	10" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	2,341.30	614.61
33 14 19 00-0104	EA	12" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	2,815.76	746.31
33 14 19 00-0105	EA	14" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	4,409.98	1,061.19
33 14 19 00-0106	EA	16" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	5,128.00	1,167.31
33 14 19 00-0107	EA	18" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	5,738.75	1,294.66
33 14 19 00-0108	EA	20" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	7,374.97	1,459.14
33 14 19 00-0109	EA	24" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	9,935.40	1,790.76
33 14 19 00-0110	EA	30" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	17,474.06	2,826.77

33 14 19 00-0111 Ductile Iron, Flanged End, Short-Body Type, Class 250, Butterfly Valves (Henry Pratt, Mueller) *(33 14 19 00-0017)*

Note: Shall conform to AWWA C504

33 14 19 00-0112	EA	6" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	3,334.04	401.23
33 14 19 00-0113	EA	8" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	3,774.77	504.86
33 14 19 00-0114	EA	10" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	4,293.82	614.61
33 14 19 00-0115	EA	12" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	5,313.84	746.31
33 14 19 00-0116	EA	14" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	6,648.23	1,061.19
33 14 19 00-0117	EA	16" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	7,015.65	1,167.31
33 14 19 00-0118	EA	18" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	9,289.79	1,294.66
33 14 19 00-0119	EA	20" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	13,562.66	1,459.14
33 14 19 00-0120	EA	24" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	20,078.09	1,790.76
33 14 19 00-0121	EA	30" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	26,429.52	2,826.77

33 14 19 00-0122 Check Valves *(33 14 19 00-0006)*

33 14 19 00-0123 Flanged, Swing Type Gravity Operated Check Valves *(33 14 19 00-0122)*

Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.

33 14 19 00-0124	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,805.35	161.61
33 14 19 00-0125	EA	3" Flanged, Swing Type Gravity Operated Check Valve	1,839.84	189.47
33 14 19 00-0126	EA	4" Flanged, Swing Type Gravity Operated Check Valve	2,454.64	239.63
33 14 19 00-0127	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	3,546.08	360.56
33 14 19 00-0128	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	3,661.80	402.67
33 14 19 00-0129	EA	6" Flanged, Swing Type Gravity Operated Check Valve	3,476.86	401.23
33 14 19 00-0130	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	4,597.10	456.09
33 14 19 00-0131	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	4,772.13	512.70
33 14 19 00-0132	EA	8" Flanged, Swing Type Gravity Operated Check Valve	4,989.18	512.70
33 14 19 00-0133	EA	10" Flanged, Swing Type Gravity Operated Check Valve	8,589.47	624.15
33 14 19 00-0134	EA	12" Flanged, Swing Type Gravity Operated Check Valve	13,160.50	468.11
33 14 19 00-0135	EA	14" Flanged, Swing Type Gravity Operated Check Valve	18,616.50	1,061.19
33 14 19 00-0136	EA	16" Flanged, Swing Type Gravity Operated Check Valve	24,892.66	1,167.31
33 14 19 00-0137	EA	18" Flanged, Swing Type Gravity Operated Check Valve	36,325.97	1,294.66
33 14 19 00-0138	EA	20" Flanged, Swing Type Gravity Operated Check Valve	42,318.78	1,459.14

33 14 19 00-0139 Threaded, Bronze, Swing Type Check Valves *(33 14 19 00-0122)*

Note: Class 125. Watts WCV-2, NIBCO T-413.

33 14 19 00-0140	EA	1/4" Diameter Threaded, Bronze, Swing Type Check Valve	53.30	19.48
33 14 19 00-0141	EA	3/8" Diameter Threaded, Bronze, Swing Type Check Valve	55.15	19.48
33 14 19 00-0142	EA	1/2" Diameter Threaded, Bronze, Swing Type Check Valve	52.23	19.48
33 14 19 00-0143	EA	3/4" Diameter Threaded, Bronze, Swing Type Check Valve	69.47	26.32
33 14 19 00-0144	EA	1" Diameter Threaded, Bronze, Swing Type Check Valve	81.05	31.82
33 14 19 00-0145	EA	1-1/4" Diameter Threaded, Bronze, Swing Type Check Valve	113.97	40.30
33 14 19 00-0146	EA	1-1/2" Diameter Threaded, Bronze, Swing Type Check Valve	138.56	46.59
33 14 19 00-0147	EA	2" Diameter Threaded, Bronze, Swing Type Check Valve	180.25	54.45
33 14 19 00-0148	EA	2-1/2" Diameter Threaded, Bronze, Swing Type Check Valve	267.26	74.34

33 14 19 00-0149 Combination Air Release Valves *(33 14 19 00-0006)*

33 14 19 00-0150	EA	1" Combination Air Release Valve	629.36	23.41
33 14 19 00-0151	EA	2" Combination Air Release Valve	1,015.74	40.12

33 14 19 00-0152 Corporation Stop And Curb Valve *(33 14 19 00-0006)*

Note: AWWA C800

33 14 19 00-0153 Ball Corporation Valves *(33 14 19 00-0152)*

Note: Mueller B-25000.

33 14 19 00-0154	EA	3/4" Ball Corporation Valve (Mueller B-25000)	83.48	23.41
33 14 19 00-0155	EA	1" Ball Corporation Valve (Mueller B-25000)	104.72	28.97
33 14 19 00-0156	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	184.61	42.35
33 14 19 00-0157	EA	2" Ball Corporation Valve (Mueller B-25000)	273.99	50.16

33 14 19 00-0158 Ground Key Corporation Valves *(33 14 19 00-0152)*

Note: Mueller B-15000.

33 14 19 00-0159	EA	1/2" Ground Key Corporation Valve	63.45	20.06
33 14 19 00-0160	EA	3/4" Ground Key Corporation Valve	70.45	23.41
33 14 19 00-0161	EA	1" Ground Key Corporation Valve	95.15	28.97
33 14 19 00-0162	EA	1-1/4" Ground Key Corporation Valve	171.03	35.66
33 14 19 00-0163	EA	1-1/2" Ground Key Corporation Valve	179.83	42.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0164	EA	2" Ground Key Corporation Valve	273.93	50.16
33 14 19 00-0165		**Ball Curb Valves** *(33 14 19 00-0152)*		
		Note: Mueller B-25204.		
33 14 19 00-0166	EA	3/4" Ball Curb Valve	99.39	23.41
33 14 19 00-0167	EA	1" Ball Curb Valve	131.70	28.97
33 14 19 00-0168	EA	1-1/2" Ball Curb Valve	247.06	42.35
33 14 19 00-0169	EA	2" Ball Curb Valve	365.44	50.16
33 14 19 00-0170		**O Ring Seal Curb Valves** *(33 14 19 00-0152)*		
		Note: Mueller H-15204.		
33 14 19 00-0171	EA	3/4" O Ring Seal Curb Valve	99.39	23.41
33 14 19 00-0172	EA	1" O Ring Seal Curb Valve	138.94	28.97
33 14 19 00-0173	EA	1-1/4" O Ring Seal Curb Valve	185.41	35.66
33 14 19 00-0174	EA	1-1/2" O Ring Seal Curb Valve	247.06	42.35
33 14 19 00-0175	EA	2" O Ring Seal Curb Valve	365.36	50.16
33 14 19 00-0176		**Corporation Stops** *(33 14 19 00-0152)*		
33 14 19 00-0177	EA	1" Bronze Corporation Stop, Flare x MIP (Mueller B-24025N)	189.09	31.46
33 14 19 00-0178	EA	1-1/2" Bronze Corporation Stop, Flare x MIP (Mueller B-24025N)	402.68	45.98
33 14 19 00-0179	EA	2" Bronze Corporation Stop, Flare x MIP (Mueller B-24025N)	630.38	54.45
33 14 19 00-0180	EA	1" Bronze Corporation Stop, Compression x MIP (Mueller B-25028N)	196.12	31.46
33 14 19 00-0181	EA	1-1/2" Bronze Corporation Stop, Compression x MIP (Mueller B-25028N)	399.09	45.98
33 14 19 00-0182	EA	2" Bronze Corporation Stop, Compression x MIP (Mueller B-25028N)	623.84	54.45
33 14 19 00-0183	EA	1" Bronze Corporation Stop, MIP x MIP (Mueller B-20013N)	195.10	31.46
33 14 19 00-0184	EA	1-1/2" Bronze Corporation Stop, MIP x MIP (Mueller B-22969N)	350.71	45.98
33 14 19 00-0185	EA	2" Bronze Corporation Stop, MIP x MIP (Mueller B-22969N)	557.22	54.45
33 14 19 00-0186		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0187		**Gate Valve, Flanged** *(33 14 19 00-0186)*		
		Note: Mueller A-2380-6.		
33 14 19 00-0188	EA	2" Gate Valve, Flanged	1,089.99	148.57
33 14 19 00-0189	EA	2-1/2" Gate Valve, Flanged	1,282.35	161.61
33 14 19 00-0190	EA	3" Gate Valve, Flanged	1,518.45	189.47
33 14 19 00-0191	EA	4" Gate Valve, Flanged	1,906.63	237.39
33 14 19 00-0192	EA	6" Gate Valve, Flanged	2,417.41	401.23
33 14 19 00-0193	EA	8" Gate Valve, Flanged	3,627.93	512.70
33 14 19 00-0194	EA	10" Gate Valve, Flanged	5,533.31	624.15
33 14 19 00-0195	EA	12" Gate Valve, Flanged	6,674.92	468.11
33 14 19 00-0196	EA	14" Gate Valve, Flanged	15,032.02	1,061.19
33 14 19 00-0197	EA	16" Gate Valve, Flanged	19,773.76	1,167.31
33 14 19 00-0198	EA	18" Gate Valve, Flanged	31,596.17	1,294.66
33 14 19 00-0199	EA	20" Gate Valve, Flanged	37,827.93	1,459.14
33 14 19 00-0200		**Resilient Wedge Gate Valve, Flanged** *(33 14 19 00-0186)*		
		Note: Mueller A-2360-6.		
33 14 19 00-0201	EA	2" Resilient Wedge Gate Valve, Flanged	1,038.84	148.57
33 14 19 00-0202	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	1,221.23	161.61
33 14 19 00-0203	EA	3" Resilient Wedge Gate Valve, Flanged	1,445.93	189.47
33 14 19 00-0204	EA	4" Resilient Wedge Gate Valve, Flanged	1,825.56	237.39
33 14 19 00-0205	EA	6" Resilient Wedge Gate Valve, Flanged	2,309.04	401.23
33 14 19 00-0206	EA	8" Resilient Wedge Gate Valve, Flanged	3,458.65	512.70
33 14 19 00-0207	EA	10" Resilient Wedge Gate Valve, Flanged	5,264.29	624.15
33 14 19 00-0208	EA	12" Resilient Wedge Gate Valve, Flanged	6,350.11	468.11
33 14 19 00-0209		**Gate Valve, Mechanical Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2380-20.		
33 14 19 00-0210	EA	2" Gate Valve, Mechanical Joint	1,269.02	118.70
33 14 19 00-0211	EA	2-1/2" Gate Valve, Mechanical Joint	1,356.48	148.79
33 14 19 00-0212	EA	3" Gate Valve, Mechanical Joint	1,710.71	180.00
33 14 19 00-0213	EA	4" Gate Valve, Mechanical Joint	2,019.81	237.39
33 14 19 00-0214	EA	6" Gate Valve, Mechanical Joint	2,557.21	278.64
33 14 19 00-0215	EA	8" Gate Valve, Mechanical Joint	3,780.07	334.36
33 14 19 00-0216	EA	10" Gate Valve, Mechanical Joint	5,615.39	390.09
33 14 19 00-0217	EA	12" Gate Valve, Mechanical Joint	7,047.71	468.11
33 14 19 00-0218	EA	14" Gate Valve, Mechanical Joint	16,022.23	649.98
33 14 19 00-0219	EA	16" Gate Valve, Mechanical Joint	20,815.35	729.57
33 14 19 00-0220	EA	18" Gate Valve, Mechanical Joint	33,458.98	809.16
33 14 19 00-0221	EA	20" Gate Valve, Mechanical Joint	39,840.95	911.97
33 14 19 00-0222		**Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2360-20.		
33 14 19 00-0223	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	1,210.61	118.70
33 14 19 00-0224	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	1,634.25	180.00
33 14 19 00-0225	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,932.35	237.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0226	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	2,444.02	278.64
33 14 19 00-0227	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	3,603.98	334.36
33 14 19 00-0228	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	5,341.72	390.09
33 14 19 00-0229	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	6,701.72	468.11
33 14 19 00-0230		**Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2361.		
33 14 19 00-0231	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	10,641.87	1,061.19
33 14 19 00-0232	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	11,565.71	1,167.31
33 14 19 00-0233	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	18,158.29	1,294.66
33 14 19 00-0234	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	21,693.37	1,459.14
33 14 19 00-0235	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	30,879.09	1,790.76
33 14 19 00-0236		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0186)*		
		Note: NIBCO T-113.		
33 14 19 00-0237	EA	1/4" Diameter Threaded, Bronze, Gate Valve	62.15	19.48
33 14 19 00-0238	EA	3/8" Diameter Threaded, Bronze, Gate Valve	64.00	19.48
33 14 19 00-0239	EA	1/2" Diameter Threaded, Bronze, Gate Valve	63.39	19.48
33 14 19 00-0240	EA	3/4" Diameter Threaded, Bronze, Gate Valve	81.65	26.32
33 14 19 00-0241	EA	1" Diameter Threaded, Bronze, Gate Valve	100.66	31.82
33 14 19 00-0242	EA	1-1/4" Diameter Threaded, Bronze, Gate Valve	136.81	40.30
33 14 19 00-0243	EA	1-1/2" Diameter Threaded, Bronze, Gate Valve	158.75	46.59
33 14 19 00-0244	EA	2" Diameter Threaded, Bronze, Gate Valve	192.63	54.45
33 14 19 00-0245	EA	2-1/2" Diameter Threaded, Bronze, Gate Valve	371.05	74.34
33 14 19 00-0246	EA	3" Diameter Threaded, Bronze, Gate Valve	444.75	85.27
33 14 19 00-0247		**Cast Iron Body, Gate Valve, Epoxy Lined, Flanged, 200 Lb. With Non-Rising Stem** *(33 14 19 00-0186)*		
		Note: Resilient Wedge, Non-rising Stem, 200 PSI, ANSI/AWWA C509, C550 and C111/A21.11 (Jenkins G-700, 701).		
33 14 19 00-0248	EA	2" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	630.01	161.30
33 14 19 00-0249	EA	2-1/2" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	651.95	161.61
33 14 19 00-0250	EA	3" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	735.28	189.47
33 14 19 00-0251	EA	4" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	939.00	317.65
33 14 19 00-0252	EA	5" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	1,185.41	355.59
33 14 19 00-0253	EA	6" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	1,448.72	395.11
33 14 19 00-0254	EA	8" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	2,136.97	504.86
33 14 19 00-0255	EA	10" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	3,018.60	614.61
33 14 19 00-0256	EA	12" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	3,554.92	746.31
33 14 19 00-0257		**Cast Iron Body, Gate Valve, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem** *(33 14 19 00-0186)*		
		Note: Resilient Wedge, OS&Y, 200 PSI, ANSI/AWWA C509, C550 and C111/A21.11.		
33 14 19 00-0258	EA	2-1/2" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	1,026.07	161.61
33 14 19 00-0259	EA	3" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	1,142.39	189.47
33 14 19 00-0260	EA	4" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	1,589.71	317.65
33 14 19 00-0261	EA	6" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	2,428.89	395.11
33 14 19 00-0262	EA	8" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	3,900.37	504.86
33 14 19 00-0263	EA	10" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	5,954.26	614.61
33 14 19 00-0264	EA	12" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 Lb. With Non-Rising Stem	9,743.34	746.31
33 14 19 00-0265		**Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve** *(33 14 19 00-0186)*		
33 14 19 00-0266	EA	4", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	1,412.44	237.39
33 14 19 00-0267	EA	6", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	1,810.70	278.64
33 14 19 00-0268	EA	8", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	2,627.44	334.36
33 14 19 00-0269	EA	10", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	3,892.81	390.09
33 14 19 00-0270	EA	12", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	4,694.23	468.11
33 14 19 00-0271	EA	14", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	17,912.43	729.57
33 14 19 00-0272	EA	16", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	19,478.79	1,167.31
33 14 19 00-0273		**Ductile Iron Body, Gate Valve (J & S Valve)** *(33 14 19 00-0186)*		
33 14 19 00-0274	EA	3" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6603.5)	1,083.20	180.56
33 14 19 00-0275	EA	3" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603T.5)	1,083.20	180.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0276	EA	4" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6604.5)	1,501.35	237.39
33 14 19 00-0277	EA	4" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604T)	1,501.35	237.39
33 14 19 00-0278	EA	6" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6606.5)	1,901.22	278.64
33 14 19 00-0279	EA	6" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606T)	1,901.22	278.64
33 14 19 00-0280	EA	8" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6608.5)	2,890.56	334.36
33 14 19 00-0281	EA	8" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608T)	2,890.56	334.36
33 14 19 00-0282	EA	10" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6610.5)	4,199.34	390.09
33 14 19 00-0283	EA	10" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610T)	4,199.34	390.09
33 14 19 00-0284	EA	12" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6612.5)	5,359.81	468.11
33 14 19 00-0285	EA	12" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV- 6612T)	5,359.81	468.11
33 14 19 00-0286	EA	3" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6803.5)	980.67	205.72
33 14 19 00-0287	EA	4" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6804.5)	1,542.05	257.75
33 14 19 00-0288	EA	6" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6806.5)	1,949.00	302.52
33 14 19 00-0289	EA	8" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6808.5)	2,947.90	363.02
33 14 19 00-0290	EA	10" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6810.5)	4,266.22	423.54
33 14 19 00-0291	EA	12" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6812.5)	5,440.08	508.24
33 14 19 00-0292	EA	3" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6903.5)	960.34	189.47
33 14 19 00-0293	EA	4" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6904.5)	1,501.35	237.39
33 14 19 00-0294	EA	6" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6906.5)	1,901.22	278.64
33 14 19 00-0295	EA	8" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6908.5)	2,890.56	334.36
33 14 19 00-0296	EA	10" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6910.5)	4,199.34	390.09
33 14 19 00-0297	EA	12" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6912.5)	5,359.81	468.11
33 14 19 00-0298	EA	2" Diameter Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6302)	833.21	54.45
33 14 19 00-0299	EA	2-1/2" Diameter Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6302.5)	884.54	81.08
33 14 19 00-0300	EA	3" Diameter Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6303)	909.38	93.17
33 14 19 00-0301	EA	4" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6404)	1,424.60	317.65
33 14 19 00-0302	EA	6" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6406)	1,839.60	395.11
33 14 19 00-0303	EA	8" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6408)	2,848.99	504.86
33 14 19 00-0304	EA	10" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6410)	4,187.41	614.61
33 14 19 00-0305	EA	12" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6412)	5,354.84	746.31
33 14 19 00-0306	EA	4" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6504)	1,418.52	312.79
33 14 19 00-0307	EA	6" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6506)	1,839.60	395.11
33 14 19 00-0308	EA	8" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6508)	2,848.99	504.86
33 14 19 00-0309	EA	10" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6510)	4,187.41	614.61
33 14 19 00-0310	EA	12" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6512)	5,354.84	746.31
33 14 19 00-0311	EA	2" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6602)	683.83	160.94
33 14 19 00-0312	EA	3" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603)	980.67	205.72
33 14 19 00-0313	EA	3" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603T)	960.34	189.47
33 14 19 00-0314	EA	4" Non-Rising Stem (NRS), Flange x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604)	1,501.35	237.39
33 14 19 00-0315	EA	4" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604T)	1,501.35	237.39
33 14 19 00-0316	EA	6" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606)	1,901.22	278.64
33 14 19 00-0317	EA	6" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606T)	1,901.22	278.64
33 14 19 00-0318	EA	8" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608)	2,890.56	334.36
33 14 19 00-0319	EA	8" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608T)	2,890.56	334.36

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33 14 19 00-0320	EA	10" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610)	4,199.34	390.09
33 14 19 00-0321	EA	10" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610T)	4,199.34	390.09
33 14 19 00-0322	EA	12" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6612)	5,359.81	468.11
33 14 19 00-0323	EA	12" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6612T)	5,359.81	468.11
33 14 19 00-0324	EA	14" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6614)	12,865.62	1,061.19
33 14 19 00-0325	EA	16" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6616)	17,405.79	1,167.31
33 14 19 00-0326	EA	18" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6618)	29,415.05	1,294.66
33 14 19 00-0327	EA	20" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6620)	35,822.55	1,459.14
33 14 19 00-0328	EA	24" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6624)	46,337.82	1,790.76
33 14 19 00-0329	EA	2" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6702)	985.16	160.94
33 14 19 00-0330	EA	2-1/2" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6702.5)	1,051.70	175.46
33 14 19 00-0331	EA	3" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6703)	1,089.15	205.72
33 14 19 00-0332	EA	4" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6704)	1,623.89	237.39
33 14 19 00-0333	EA	5" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6705)	2,362.90	256.34
33 14 19 00-0334	EA	6" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6706)	2,407.47	278.64
33 14 19 00-0335	EA	8" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6708)	3,187.88	334.36
33 14 19 00-0336	EA	10" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6710)	5,213.83	390.09
33 14 19 00-0337	EA	12" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6712)	5,739.49	468.11
33 14 19 00-0338	EA	14" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6714)	14,528.99	1,061.19
33 14 19 00-0339	EA	16" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6716)	19,778.30	1,167.31
33 14 19 00-0340	EA	18" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6718)	31,472.17	1,294.66
33 14 19 00-0341	EA	20" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6720)	40,810.65	1,459.14
33 14 19 00-0342	EA	24" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6724)	52,908.93	1,790.76
33 14 19 00-0343	EA	2-1/2" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6802.5)	750.37	175.46
33 14 19 00-0344	EA	3" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6803)	980.67	205.72
33 14 19 00-0345	EA	4" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6804)	1,501.35	237.39
33 14 19 00-0346	EA	5" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6805)	1,856.65	256.34
33 14 19 00-0347	EA	6" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6806)	1,901.22	278.64
33 14 19 00-0348	EA	8" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6808)	2,890.56	334.36
33 14 19 00-0349	EA	10" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6810)	4,199.34	390.09
33 14 19 00-0350	EA	12" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6812)	5,359.81	468.11
33 14 19 00-0351	EA	14" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6814)	12,865.62	1,061.19
33 14 19 00-0352	EA	16" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6816)	17,405.79	1,167.31
33 14 19 00-0353	EA	18" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6818)	29,415.05	1,294.66
33 14 19 00-0354	EA	20" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6820)	35,822.55	1,459.14
33 14 19 00-0355	EA	24" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6824)	46,337.82	1,790.76
33 14 19 00-0356	EA	2" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6902)	683.83	160.94
33 14 19 00-0357	EA	2-1/2" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6902.5)	750.37	175.46
33 14 19 00-0358	EA	3" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6903)	980.67	205.72
33 14 19 00-0359	EA	4" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6904)	1,501.35	237.39
33 14 19 00-0360	EA	6" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6906)	1,901.22	278.64
33 14 19 00-0361	EA	8" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6908)	2,890.56	334.36
33 14 19 00-0362	EA	10" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6910)	4,199.34	390.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0363	EA	12" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6912)	5,359.81	468.11
33 14 19 00-0364	EA	14" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6914)	12,865.62	1,061.19
33 14 19 00-0365	EA	16" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6916)	17,405.79	1,167.31
33 14 19 00-0366	EA	18" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6918)	29,415.05	1,294.66
33 14 19 00-0367	EA	20" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6920)	35,822.55	1,459.14
33 14 19 00-0368	EA	24" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6924)	46,337.82	1,790.76
33 14 19 00-0369	EA	2" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3702)	1,073.55	160.94
33 14 19 00-0370	EA	3" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3703)	1,372.41	205.72
33 14 19 00-0371	EA	4" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3704)	2,053.80	237.39
33 14 19 00-0372	EA	6" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3706)	2,650.54	278.64
33 14 19 00-0373	EA	8" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3708)	4,403.27	334.36
33 14 19 00-0374	EA	10" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3710)	6,686.36	390.09
33 14 19 00-0375	EA	12" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3712)	8,499.72	468.11
33 14 19 00-0376	EA	14" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3714)	23,344.04	1,061.19
33 14 19 00-0377	EA	16" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3716)	32,006.47	1,167.31
33 14 19 00-0378	EA	18" Outside Stem And Yoke, Rotary Tribo-Electrostatic Separator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3718)	50,060.52	1,294.66
33 14 19 00-0379	EA	20" Outside Stem And Yoke, Rotary Tribo-Electrostatic Separator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3720)	65,576.37	1,459.14
33 14 19 00-0380	EA	24" Outside Stem And Yoke, Rotary Tribo-Electrostatic Separator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3724)	89,225.83	1,790.76
33 14 19 00-0381	EA	2" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3802)	1,041.41	160.94
33 14 19 00-0382	EA	2-1/2" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3802.5)	1,272.68	175.46
33 14 19 00-0383	EA	3" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3803)	1,310.13	205.72
33 14 19 00-0384	EA	4" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3804)	1,963.39	237.39
33 14 19 00-0385	EA	6" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3806)	2,532.02	278.64
33 14 19 00-0386	EA	8" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3808)	4,192.33	334.36
33 14 19 00-0387	EA	10" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3810)	6,352.88	390.09
33 14 19 00-0388	EA	12" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3812)	8,075.84	468.11
33 14 19 00-0389	EA	14"Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3814)	22,100.53	1,061.19
33 14 19 00-0390	EA	16" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3816)	31,795.54	1,167.31
33 14 19 00-0391	EA	18" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Separator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3818)	48,837.10	1,294.66
33 14 19 00-0392	EA	20" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Separator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3820)	63,487.12	1,459.14
33 14 19 00-0393	EA	24" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Separator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3824)	85,820.74	1,790.76
33 14 19 00-0394	EA	3" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3903)	1,310.13	205.72
33 14 19 00-0395	EA	4" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3904)	1,963.39	237.39
33 14 19 00-0396	EA	6" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3906)	2,532.02	278.64
33 14 19 00-0397	EA	8" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3908)	4,192.33	334.36
33 14 19 00-0398	EA	10" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3910)	6,352.88	390.09
33 14 19 00-0399	EA	12" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3912)	8,075.84	468.11
33 14 19 00-0400		Plug Valves *(33 14 19 00-0006)*		
33 14 19 00-0401		Ductile Iron Body, Plug Valve (J & S Valve) *(33 14 19 00-0400)*		
33 14 19 00-0402	EA	3" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4803)	1,609.22	189.47
33 14 19 00-0403	EA	4" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4804)	1,882.63	317.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0404	EA	6" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4806)	2,584.91	395.11
33 14 19 00-0405	EA	8" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4808)	3,953.86	504.86
33 14 19 00-0406	EA	10" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4810)	6,686.48	614.61
33 14 19 00-0407	EA	12" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4812)	9,270.17	746.31
33 14 19 00-0408	EA	14" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4814)	14,571.18	1,061.19
33 14 19 00-0409	EA	16"Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4816)	19,681.87	1,167.31
33 14 19 00-0410	EA	18" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4818)	28,890.73	1,294.66
33 14 19 00-0411	EA	20" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4820)	41,991.89	1,459.14
33 14 19 00-0412	EA	24" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4824)	69,791.73	1,790.76
33 14 19 00-0413	EA	30" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4830)	133,491.09	2,918.28
33 14 19 00-0414	EA	36" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4836)	168,283.81	3,979.48
33 14 19 00-0415		Globe Valve, AWWA *(33 14 19 00-0006)*		
33 14 19 00-0416		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 14 19 00-0415)* Note: NIBCO T-235.		
33 14 19 00-0417	EA	1/8" Diameter Threaded, Globe Valve	87.89	19.48
33 14 19 00-0418	EA	1/4" Diameter Threaded, Globe Valve	84.17	19.48
33 14 19 00-0419	EA	3/8" Diameter Threaded, Globe Valve	86.02	19.48
33 14 19 00-0420	EA	1/2" Diameter Threaded, Globe Valve	87.89	19.48
33 14 19 00-0421	EA	3/4" Diameter Threaded, Globe Valve	119.37	26.32
33 14 19 00-0422	EA	1" Diameter Threaded, Globe Valve	167.45	31.82
33 14 19 00-0423	EA	1-1/4" Diameter Threaded, Globe Valve	244.77	40.30
33 14 19 00-0424	EA	1-1/2" Diameter Threaded, Globe Valve	292.19	46.59
33 14 19 00-0425	EA	2" Diameter Threaded, Globe Valve	407.61	54.45
33 14 19 00-0426	EA	2-1/2" Diameter Threaded, Globe Valve	748.10	74.34
33 14 19 00-0427	EA	3" Diameter Threaded, Globe Valve	1,024.10	85.71
33 14 19 00-0428		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0006)*		
33 14 19 00-0429		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0428)* Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0430	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,577.49	148.57
33 14 19 00-0431	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,033.57	189.47
33 14 19 00-0432	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,404.21	237.39
33 14 19 00-0433	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,177.77	401.23
33 14 19 00-0434	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	4,603.10	512.70
33 14 19 00-0435	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,718.37	624.15
33 14 19 00-0436	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,011.82	468.11
33 14 19 00-0437	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	18,464.34	1,061.19
33 14 19 00-0438	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	23,408.30	1,167.31
33 14 19 00-0439	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	38,040.83	1,294.66
33 14 19 00-0440		Ball Meter Valves *(33 14 19 00-0006)*		
33 14 19 00-0441	EA	3/4" Ball Meter Valve (Ford B43-342W) Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.	142.98	30.26
33 14 19 00-0442	EA	1" Ball Meter Valve (Ford B43-444W) Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.	155.29	32.06
33 14 19 00-0443	EA	1-1/2" Ball Meter Valve (Ford BF43-666W) Note: 1-1/2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.	296.59	54.45
33 14 19 00-0444	EA	2" Ball Meter Valve (Ford BF43-777W) Note: 2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.	413.66	55.06
33 14 19 00-0445	EA	3/4" Diameter Threaded, Ball Meter Valve (Mueller B-20200)	145.87	30.26
33 14 19 00-0446	EA	1" Diameter Threaded, Ball Meter Valve (Mueller B-20200)	194.47	32.06
33 14 19 00-0447	EA	1-1/2" Diameter Threaded, Ball Meter Valve (Mueller B-20200)	350.92	54.45
33 14 19 00-0448	EA	2" Diameter Threaded, Ball Meter Valve (Mueller B-20200)	462.38	55.06
33 14 19 00-0449	EA	3/4", 150 PSI, Ball Valve (Ford B13-332W)	180.36	30.26
33 14 19 00-0450	EA	1", 150 PSI, Ball Valve (Ford B13-444W)	293.25	32.06
33 14 19 00-0451	EA	1-1/2", 150 PSI, Ball Valve (Ford B13-666W)	673.27	54.45
33 14 19 00-0452	EA	2", 150 PSI, Ball Valve (Ford B13-777W)	913.30	55.06
33 14 19 00-0453	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Compression x Outlet Swivel Meter Nut (Mueller B-2458N)	316.92	36.31
33 14 19 00-0454	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Flare x Outlet Swivel Meter Nut (Mueller B-2455N	308.75	36.31
33 14 19 00-0455	EA	2" Bronze Angle Meter Stop With 90 Degree Lock Wing, Compression x Outlet Meter Flange (Mueller B-24276N	760.79	55.67
33 14 19 00-0456	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Flare x Outlet Meter Flange (Mueller B-24277N)	308.75	36.31
33 14 19 00-0457	EA	3/4" Bronze Shut-Off Valve, Inlet Swivel Meter Nut x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24351)	184.70	26.62
33 14 19 00-0458	EA	1" Bronze Shut-Off Valve, Inlet Swivel Meter Nut x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24351)	260.40	31.46
33 14 19 00-0459	EA	1-1/2" Bronze Shut-Off Valve, Inlet Meter Flange x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24337)	434.84	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0460	EA	2" Bronze Shut-Off Valve, Inlet Meter Flange x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24337)	702.79	54.45
33 14 19 00-0461		Yokes And Angles *(33 14 19 00-0006)*		
33 14 19 00-0462		Yoke, Meter *(33 14 19 00-0461)*		
33 14 19 00-0463	EA	Yoke, Meter, 5/8"	56.29	18.15
33 14 19 00-0464	EA	Yoke, Meter, 3/4"	63.80	19.97
33 14 19 00-0465	EA	Yoke, Meter, 1"	83.37	23.00
33 14 19 00-0466		Angles And Ells *(33 14 19 00-0461)*		
33 14 19 00-0467	EA	1-1/2" Flanged Angle, ELL	137.62	12.70
33 14 19 00-0468	EA	ELL, Yoke, With Female I.P.T	41.53	10.89
33 14 19 00-0469		Air Release and Vacuum Combination Valves *(33 14 19 00-0006)*		
33 14 19 00-0470		Air Release and Vacuum Combination Valves, Ductile Iron Body (APCo or Crispin) *(33 14 19 00-0469)*		
33 14 19 00-0471	EA	1" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	719.66	23.41
33 14 19 00-0472	EA	1-1/2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	909.28	32.32
33 14 19 00-0473	EA	2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,097.80	40.68
33 14 19 00-0474	EA	2-1/2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,464.31	55.73
33 14 19 00-0475	EA	3" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,825.84	67.98
33 14 19 00-0476	EA	4" Flanged, Air Release and Vacuum Combination Valves, Ductile Iron Body	2,806.63	185.68
33 14 19 00-0477	EA	6" Flanged, Air Release and Vacuum Combination Valves, Ductile Iron Body	3,510.13	201.33
33 14 19 00-0478		Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories, Ltd., D-040-C "Barak") *(33 14 19 00-0469)*		
33 14 19 00-0479	EA	1" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	368.92	23.41
33 14 19 00-0480	EA	1-1/2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	610.08	32.32
33 14 19 00-0481	EA	2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	850.13	40.12
33 14 19 00-0482	EA	2-1/2" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	1,241.20	55.73
33 14 19 00-0483	EA	3" Diameter Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	1,626.75	67.98
33 14 19 00-0484		Pressure Reducing Valves *(33 14 19 00-0006)*		
33 14 19 00-0485		Pressure Reducing Valves, Ductile Iron Body (Cla-Val Model 100-42 700 Series Roll Seal) *(33 14 19 00-0484)*		
33 14 19 00-0486	EA	2" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	2,407.70	118.70
33 14 19 00-0487	EA	2-1/2" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	2,772.35	148.79
33 14 19 00-0488	EA	3" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	3,139.21	178.32
33 14 19 00-0489	EA	4" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	5,012.01	237.39
33 14 19 00-0490	EA	6" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	7,499.57	278.64
33 14 19 00-0491	EA	8" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	12,770.51	334.36
33 14 19 00-0492	EA	10" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	23,905.30	390.09
33 14 19 00-0493	EA	12" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	29,951.88	468.11
33 14 19 00-0494		Booster Pump Control Valves *(33 14 19 00-0006)*		
33 14 19 00-0495		Pump Control Valves, Ductile Iron Body (Cla-Val Model 60-08/660-08) *(33 14 19 00-0494)*		
33 14 19 00-0496	EA	2" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	8,122.64	118.70
33 14 19 00-0497	EA	2-1/2" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	8,806.08	148.79
33 14 19 00-0498	EA	3" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	9,491.70	178.32
33 14 19 00-0499	EA	4" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	11,158.36	237.39
33 14 19 00-0500	EA	6" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	13,699.36	278.64
33 14 19 00-0501	EA	8" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	19,439.86	334.36
33 14 19 00-0502	EA	10" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	25,386.53	390.09
33 14 19 00-0503	EA	12" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	40,982.83	468.11
33 14 19 00-0504	EA	14" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	66,712.64	649.98
33 14 19 00-0505	EA	16" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	76,486.43	729.57
33 14 19 00-0506	EA	18" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	58,934.60	809.16
33 14 19 00-0507	EA	20" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	60,569.16	911.97
33 14 19 00-0508		Water Service Meter Accessories *(33 14 19 00-0006)*		
33 14 19 00-0509	EA	Bronze Meter Flange With Gasket For 1-1/2" And 2" Meters (AY McDonald 610F)	188.31	31.46
33 14 19 00-0510	EA	3/4" Bronze Ball Valve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	204.75	25.41
33 14 19 00-0511	EA	1" Bronze Ball Valve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	307.38	31.46
33 14 19 00-0512	EA	1-1/2" Bronze Ball Valve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	481.10	45.98
33 14 19 00-0513	EA	2" Bronze Ball Valve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	745.30	54.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0514		**Fire Hydrants** *(33 14 19)* Note: Breakaway type.		
33 14 19 00-0515		**Three Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0514)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0516	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,744.40	307.31
33 14 19 00-0517	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,814.07	307.31
33 14 19 00-0518	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,883.93	307.31
33 14 19 00-0519	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,975.39	329.25
33 14 19 00-0520	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,045.13	329.25
33 14 19 00-0521	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,142.39	356.70
33 14 19 00-0522	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,212.03	356.70
33 14 19 00-0523	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,309.29	384.13
33 14 19 00-0524	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,379.03	384.13
33 14 19 00-0525	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,476.10	411.57
33 14 19 00-0526	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,573.26	439.01
33 14 19 00-0527	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,697.74	493.88
33 14 19 00-0528	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,807.98	307.31
33 14 19 00-0529	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,898.40	307.31
33 14 19 00-0530	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,988.60	307.31
33 14 19 00-0531	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,100.74	329.25
33 14 19 00-0532	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,190.94	329.25
33 14 19 00-0533	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,308.92	356.70
33 14 19 00-0534	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,399.01	356.70
33 14 19 00-0535	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,516.73	384.13
33 14 19 00-0536	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,606.90	384.13
33 14 19 00-0537	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,724.38	411.57
33 14 19 00-0538	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,842.25	439.01
33 14 19 00-0539	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,987.16	493.88
33 14 19 00-0540		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0514)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0541	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,361.94	307.31
33 14 19 00-0542	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,431.37	307.31
33 14 19 00-0543	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,501.20	307.31
33 14 19 00-0544	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,592.95	329.25
33 14 19 00-0545	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,662.47	329.25
33 14 19 00-0546	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,759.58	356.70
33 14 19 00-0547	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,829.32	356.70
33 14 19 00-0548	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,926.65	384.13
33 14 19 00-0549	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,996.24	384.13
33 14 19 00-0550	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,093.69	411.57
33 14 19 00-0551	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,190.40	439.01
33 14 19 00-0552	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,315.04	493.88
33 14 19 00-0553	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,460.16	307.31
33 14 19 00-0554	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,550.38	307.31
33 14 19 00-0555	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,640.47	307.31
33 14 19 00-0556	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,752.83	329.25
33 14 19 00-0557	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,842.80	329.25
33 14 19 00-0558	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,960.63	356.70
33 14 19 00-0559	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,050.65	356.70
33 14 19 00-0560	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,168.66	384.13
33 14 19 00-0561	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,258.63	384.13
33 14 19 00-0562	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,376.43	411.57
33 14 19 00-0563	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,493.84	439.01
33 14 19 00-0564	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,639.25	493.88
33 14 19 00-0565		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0514)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0566	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,907.01	307.31
33 14 19 00-0567	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,997.09	307.31
33 14 19 00-0568	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,087.45	307.31
33 14 19 00-0569	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	4,199.63	329.25
33 14 19 00-0570	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,289.78	329.25
33 14 19 00-0571	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,407.43	356.70
33 14 19 00-0572	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,497.70	356.70
33 14 19 00-0573	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,615.35	384.13
33 14 19 00-0574	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,705.53	384.13
33 14 19 00-0575	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,823.16	384.13
33 14 19 00-0576	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,941.07	439.01
33 14 19 00-0577	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	5,085.04	439.01
33 14 19 00-0578		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0514)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0579	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,777.42	307.31
33 14 19 00-0580	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,845.97	307.31
33 14 19 00-0581	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,915.29	307.31
33 14 19 00-0582	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	3,004.98	329.25
33 14 19 00-0583	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,073.52	329.25
33 14 19 00-0584	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	3,169.50	356.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0585	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,238.01	356.70
33 14 19 00-0586	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,334.06	384.13
33 14 19 00-0587	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,402.40	384.13
33 14 19 00-0588	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,498.39	411.57
33 14 19 00-0589	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,594.46	439.01
33 14 19 00-0590	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,717.01	493.88
33 14 19 00-0591		**Safetop Model With Breakable Section** *(33 14 19 00-0514)*		
		Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0592	EA	4" Safetop Model Fire Hydrant Breakable With 5' Burial Section	2,794.16	219.50
33 14 19 00-0593	EA	6" Safetop Model Fire Hydrant Breakable With 5' Burial Section	2,988.55	246.95
33 14 19 00-0594	EA	8" Safetop Model Fire Hydrant Breakable With 5' Burial Section	3,258.56	274.38
33 14 19 00-0595		**Fire Hydrant Extension Kits** *(33 14 19 00-0514)*		
33 14 19 00-0596	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	578.24	27.44
33 14 19 00-0597	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	686.92	34.29
33 14 19 00-0598	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	748.95	41.15
33 14 19 00-0599	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	850.99	50.76
33 14 19 00-0600	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,286.87	52.83
33 14 19 00-0601	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,374.56	54.88
33 14 19 00-0602	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,395.33	57.62
33 14 19 00-0603	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,473.70	61.74
33 14 19 00-0604	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,624.24	74.08
33 14 19 00-0605	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,713.20	89.17
33 14 19 00-0606	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	643.28	30.73
33 14 19 00-0607	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	761.59	37.32
33 14 19 00-0608	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	873.78	45.00
33 14 19 00-0609	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	976.40	55.97
33 14 19 00-0610	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,338.35	58.17
33 14 19 00-0611	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,427.16	60.36
33 14 19 00-0612	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,488.18	63.65
33 14 19 00-0613	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,741.15	68.04
33 14 19 00-0614	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,907.66	81.21
33 14 19 00-0615	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	2,003.51	97.68
33 14 19 00-0616		**Removal And Reinstallation Of Standard Fire Hydrant** *(33 14 19 00-0514)*		
		Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0617	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	878.01	
33 14 19 00-0618	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,280.44	
33 14 19 00-0619	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	1,409.35	
33 14 19 00-0620		**Hydrant Head Replacement** *(33 14 19 00-0514)*		
33 14 19 00-0621	EA	4" x 2-1/2" Bronze Hydrant Head Only With 2-1/2" Dome Cap (James Jones J-3708)	5,113.82	439.01
33 14 19 00-0622		**Insertion Valves** *(33 14 19)*		
33 14 19 00-0623	EA	4" Diameter x 16" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzle, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings) Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe	4,159.92	202.85
33 14 19 00-0624	EA	6" Diameter x 16" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzle, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings) Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe	4,641.47	222.91
33 14 19 00-0625	EA	8" Diameter x 20" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzle, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings) Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe	5,412.84	334.36
33 14 19 00-0626	EA	10" Diameter x 20" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzle, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings) Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe	8,319.45	390.09
33 14 19 00-0627	EA	12" Diameter x 24" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzle, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings) Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe	10,110.03	473.69
33 14 19 00-0628		**Yard Hydrants** *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0629	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	383.61	36.31
33 14 19 00-0630	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	412.45	36.31
33 14 19 00-0631	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	441.28	36.31
33 14 19 00-0632	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	352.95	45.98
33 14 19 00-0633	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	370.15	45.98
33 14 19 00-0634	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	387.34	45.98
33 14 19 00-0635		**Sanitary Yard Hydrants** *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0636	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,745.92	75.63
33 14 19 00-0637	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,836.03	75.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0638	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,926.14	75.63
33 14 19 00-0639		**Flushing Hydrants** *(33 14 19)*		
33 14 19 00-0640	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	891.44	46.96
33 14 23		**Enclosures for Water Utility Piping and Valves** *(33 14)*		
		Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0477 for Enclosures.		
33 14 23 00-0001		**Roadway Utility Box** *(33 14 23)*		
33 14 23 00-0002		**Utility Box** *(33 14 23 00-0001)*		
		Note: Christy Concrete Products.		
33 14 23 00-0003		**B3 Utility Box, 9-3/8" x 15-1/2"** *(33 14 23 00-0002)*		
33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	127.44	55.62
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	131.40	6.18
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	54.23	6.18
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	288.29	6.18
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	76.42	12.36
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	110.52	12.36
33 14 23 00-0010		**B9 Utility Box, 10-1/4" x 17-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	154.16	74.15
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	153.90	7.41
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	60.12	7.41
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	302.48	6.18
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	85.79	12.36
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	114.66	18.54
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	134.32	33.99
33 14 23 00-0018		**B12 Utility Box, 12" x 20"** *(33 14 23 00-0002)*		
33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box	169.55	80.33
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	277.64	9.27
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	80.32	12.36
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	406.31	12.36
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	175.29	43.26
33 14 23 00-0024		**B16 Utility Box, 12" x 22-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	195.08	93.93
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	313.47	12.36
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	99.66	12.36
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	408.61	12.36
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	139.48	21.01
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	178.50	43.26
33 14 23 00-0031		**B30 Utility Box, 13-1/4" x 24"** *(33 14 23 00-0002)*		
33 14 23 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	235.13	111.23
33 14 23 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	133.83	19.78
33 14 23 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	505.06	16.07
33 14 23 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	139.48	21.01
33 14 23 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	213.34	34.60
33 14 23 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	167.07	23.48
33 14 23 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	231.34	55.62
33 14 23 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 14 23 00-0002)*		
33 14 23 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	307.57	140.89
33 14 23 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	217.82	33.99
33 14 23 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	632.67	23.48
33 14 23 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	194.46	44.49
33 14 23 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	332.47	49.44
33 14 23 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	309.22	71.68
33 14 23 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 14 23 00-0002)*		
33 14 23 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	641.24	217.52
33 14 23 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	597.60	81.57
33 14 23 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	898.31	35.84
33 14 23 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	487.30	76.63
33 14 23 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	517.14	80.33
33 14 23 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	807.62	247.18
33 14 23 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	820.78	134.71
33 14 23 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	1,039.53	134.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,421.49	61.79
33 14 23 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	700.85	166.85
33 14 23 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	637.42	112.47
33 14 23 00-0059		**B65 Utility Box, 15" x 26-1/2"** *(33 14 23 00-0002)*		
33 14 23 00-0060	EA	15" x 26-1/2" Precast Concrete Utility Box	208.01	140.89
33 14 23 00-0061	EA	Reinforced Concrete Lid For 15" x 26-1/2" Utility Box	127.46	33.99
33 14 23 00-0062	EA	Steel Checkered Plate Cover For 15" x 26-1/2" Utility Box	388.84	23.48
33 14 23 00-0063	EA	20" x 34" Reinforced Concrete Slab For 15" x 26-1/2" Utility Box	194.46	44.49
33 14 23 00-0064	EA	6" High Reinforced Concrete Base For 15" x 26-1/2" Utility Box	332.47	49.44
33 14 23 00-0065	EA	12" High Reinforced Concrete Extension For 15" x 26-1/2" Utility Box	224.49	71.68
33 14 23 00-0066		**Roadway Or Curb Valve Boxes** *(33 14 23)*		
33 14 23 00-0067		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0066)*		
33 14 23 00-0068	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	231.59	14.71
33 14 23 00-0069	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	268.91	14.71
33 14 23 00-0070	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	270.63	14.71
33 14 23 00-0071	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	69.79	7.36
33 14 23 00-0072	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	79.67	7.36
33 14 23 00-0073	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	94.54	7.36
33 14 23 00-0074	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	349.00	18.39
33 14 23 00-0075	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	604.08	25.75
33 14 23 00-0076	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	673.68	25.75
33 14 23 00-0077	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	362.80	18.39
33 14 23 00-0078	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	379.43	18.39
33 14 23 00-0079	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	366.73	18.39
33 14 23 00-0080	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	132.95	7.36
33 14 23 00-0081	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	224.18	30.26
33 14 23 00-0082	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	231.74	31.46
33 14 23 00-0083	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	257.93	32.67
33 14 23 00-0084	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	353.62	34.49
33 14 23 00-0085	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	426.17	36.31
33 14 23 00-0086	EA	18" Cast Iron Service Box Extension Section	99.73	
33 14 23 00-0087		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0066)*		
33 14 23 00-0088	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	319.21	42.36
33 14 23 00-0089	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	240.11	30.26
33 14 23 00-0090	EA	Cast Iron Lid For Plastic Meter Box	71.68	
33 14 23 00-0091		**Traffic Valve Box And Lid** *(33 14 23 00-0066)*		
33 14 23 00-0092	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	225.38	
33 14 23 00-0093	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	737.48	
33 14 23 00-0094		**Curb Box Components** *(33 14 23 00-0066)*		
33 14 23 00-0095	EA	Curb Box Bolt	11.62	
33 14 23 00-0096	EA	Curb Box Cover	17.01	
33 14 23 00-0097	EA	Curb Box Foot Piece	12.22	
33 14 23 00-0098	EA	Curb Box Guide Ring	10.46	
33 14 23 00-0099	EA	Curb Box Rod	52.00	
33 14 23 00-0100	EA	Curb Box Top Section	72.32	
33 14 23 00-0101	EA	Curb Box Bottom Section	76.16	
33 14 23 00-0102	EA	Curb Box Pin, Secures Rod To Curb Box	10.32	
33 14 23 00-0103		**Valve Box Components** *(33 14 23 00-0066)*		
33 14 23 00-0104	EA	Valve Box Upper And Lower Section	146.37	
33 14 23 00-0105	EA	Valve Box Cover "Water"	23.93	
33 14 23 00-0106	EA	Valve Box Lower Section, 4-1/2" x 6" Cutout	115.16	
33 14 23 00-0107	EA	Valve Box Top Section	58.56	
33 14 23 00-0108	EA	Valve Box Extension, 17"	69.65	
33 14 23 00-0109	EA	Meter, Cover, Single, Remote Sensor	46.59	
33 14 23 00-0110	EA	Meter, Frame, Double, 15" Diameter	92.66	
33 14 23 00-0111	EA	Meter, Frame, Double, 18" Diameter	90.33	
33 14 23 00-0112	EA	Meter, Frame, Double, 21" Diameter	202.97	
33 14 23 00-0113	EA	Extension Ring, 18" Meter Frame, 24" Pit	180.07	
33 14 23 00-0114	EA	Meter, Housing, Concrete Or Clay, 21" Diameter	290.38	
33 14 23 00-0115	EA	Meter, Housing, Clay, 24" Diameter	488.20	
33 14 23 00-0116	EA	Meter, Housing, PE, 18" Diameter	135.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0117	EA	Meter, Housing, PE, 24" Diameter	218.89	

33 14 23 00-0118 Service Meter Boxes (Brooks) *(33 14 23)*

33 14 23 00-0119	EA	12" x 20", Precast Service Meter Box With Concrete Cover, Exposed To Traffic (Brooks #37-1 PC)	203.96	62.83
33 14 23 00-0120	EA	12" x 20", Precast Service Meter Box, Concrete Cover With Cast Iron Reading Lid, Exposed To Traffic (Brooks #37-S)	153.17	12.57
33 14 23 00-0121	EA	12" x 20", Precast Service Meter Box With Cast Iron Hinged Cover, Exposed To Traffic (Brooks #37-H4S)	158.43	12.57
33 14 23 00-0122	EA	17" x 30", Precast Service Meter Box With Concrete Cover, Exposed To Traffic (Brooks 66-1 PC)	374.03	94.25
33 14 23 00-0123	EA	17" x 30", Precast Service Meter Box With Concrete Cover With Cast Iron Reading Lid, Exposed To Traffic (Brooks 66-S)	320.79	15.70

33 14 23 00-0124 Polyethylene Above Ground Enclosure *(33 14 23)*

33 14 23 00-0125	EA	14" x 24" Polyethylene Above Ground Enclosure For 2" Air/Vacuum Valve	903.83	100.31
33 14 23 00-0126	EA	18" x 30" Polyethylene Above Ground Enclosure For 4" Air/Vacuum Valve	1,056.90	133.74
33 14 23 00-0127	EA	24" x 36" Polyethylene Above Ground Enclosure For 6" To 8" Air/Vacuum Valve	1,276.72	160.50

33 14 23 00-0128 Service Meter Boxes (Armorcast) *(33 14 23)*

Note: Water meter boxes shall be polymer, rectangular in shape, with rounded corners and beveled edges throughout with a slot provided in the bottom of each end of the box for the water service pipe and the house lateral. Boxes shall have a polymer cover with AMR slot. Meter boxes are likely to be subjected to traffic loads, traffic rated boxes and covers shall have AASHTO load Traffic ratings of 20K.

33 14 23 00-0129	EA	13" x 24" x 12" Polymer Concrete Meter Box (ARMORCAST - #A6001946PCX12)	294.92	
33 14 23 00-0130	EA	17" x 30" x 12" Polymer Concrete Meter Box (ARMORCAST - #A6001640PCX12)	314.76	
33 14 23 00-0131	EA	13" x 24" Polymer Concrete Meter Box Cover With AMR Slot And Hinged Reading Lid (ARMORCAST - #A6001866R-H9)	114.83	
33 14 23 00-0132	EA	13" x 24" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6001866R)	118.99	
33 14 23 00-0133	EA	17" x 30" Polymer Concrete Meter Box Cover With AMR Slot And Hinged Reading Lid (ARMORCAST - #A6001643R-H9)	151.97	
33 14 23 00-0134	EA	17" x 30" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6001643R)	156.75	
33 14 23 00-0135	EA	12" x 20" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6000484R)	82.11	
33 14 23 00-0136	EA	12" x 20" Polymer Concrete Meter Box Cover Only With No Hinged Reading Lid (ARMORCAST - #A6000482)	51.74	

33 14 23 00-0137 Roadway Valve Box Cover Adjustment *(33 14 23)*

Note: Excludes asphalt See CSI section 02 41 13 13-0038 for breakup and removal of pavement, 02 41 19 13-0059 for saw cutting pavement if required, 32 12 16 13-0023 for hand placed hot mix asphalt.

33 14 23 00-0138	EA	Up To 3" Rise, Up To 6" Diameter, Adjustment To Roadway Valve Cover	336.75	

33 14 23 00-0139 Roadway Utility Box Cover Adjustment *(33 14 23)*

Note: Excludes asphalt See CSI section 02 41 13 13-0038 for breakup and removal of pavement, 02 41 19 13-0059 for saw cutting pavement if required, 32 12 16 13-0023 for hand placed hot mix asphalt.

33 14 23 00-0140	EA	Up To 6" Rise, Up To 2 SF, Adjustment To Roadway Utility Cover	682.25	
33 14 23 00-0141	EA	Up To 6" Rise, >2 To 4 SF, Adjustment To Roadway Utility Cover	870.06	
33 14 23 00-0142	EA	Up To 6" Rise, >4 To 6 SF, Adjustment To Roadway Utility Cover	1,233.65	
33 14 23 00-0143	EA	Up To 6" Rise, >6 To 10 SF, Adjustment To Roadway Utility Cover	1,505.87	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 13 Positive Displacement Water Meters *(33 19)*

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	331.81	62.93
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	417.31	75.03
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	561.26	85.91
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,094.18	128.27
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,482.92	166.99

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	597.93	62.93
		For Owner Furnished Material, Deduct	*-534.24*	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	681.66	75.03
		For Owner Furnished Material, Deduct	*-606.03*	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,016.32	85.91
		For Owner Furnished Material, Deduct	*-929.88*	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,720.87	128.27
		For Owner Furnished Material, Deduct	*-1,592.14*	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	2,130.04	166.99
		For Owner Furnished Material, Deduct	*-1,961.97*	
33 19 13 23-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	485.53	30.26
		For Owner Furnished Material, Deduct	*-455.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 16		**Velocity-Type Water Meters** *(33 19)*		
33 19 16 13		**Single-Jet Water Meters** *(33 19 16)*		
33 19 16 13-0001		Small/Large Spectrum Water Service Meter *(33 19 16 13)*		
		Note: Metron-Farnier.		
33 19 16 13-0002	EA	1-1/2" Diameter, 0 - 100 GPM, Flanged, Spectrum Water Meter	1,886.21	127.06
		Note: Metron-Farnier #Spectrum 50.		
33 19 16 13-0003	EA	2" Diameter, 0 - 125 GPM, Flanged, Spectrum Water Meter	2,703.89	161.30
		Note: Metron-Farnier #Spectrum 88.		
33 19 16 13-0004	EA	2" Diameter, 0 - 185 GPM, Flanged, Spectrum Water Meter	3,266.76	161.30
		Note: Metron-Farnier #Spectrum 130.		
33 19 16 13-0005	EA	3" Diameter, 0 - 320 GPM, Flanged, Spectrum Water Meter	4,383.63	189.47
		Note: Metron-Farnier #Spectrum 175.		
33 19 16 13-0006	EA	3" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	4,555.05	189.47
		Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0007	EA	4" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	6,356.42	296.47
		Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0008	EA	4" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	10,488.39	296.47
		Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0009	EA	6" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	13,159.53	401.23
		Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0010	EA	8" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	16,356.17	512.70
		Note: Metron-Farnier #Spectrum 440.		
33 19 16 23		**Turbine Water Meters** *(33 19 16)*		
33 19 16 23-0001		Flanged Turbine Water Service Meter *(33 19 16 23)*		
33 19 16 23-0002		Vertical Turbine Meters *(33 19 16 23-0001)*		
33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	1,312.73	117.03
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	1,847.94	148.57
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	3,415.02	189.47
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	5,087.75	296.47
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	9,701.13	401.23
33 19 16 23-0008		Horizontal Turbine Meters *(33 19 16 23-0001)*		
33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	2,090.12	117.03
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	2,957.76	148.57
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	3,859.97	189.47
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	5,675.91	296.47
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	11,844.06	401.23
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	15,854.96	512.70
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	22,191.85	624.15
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	26,635.58	984.15
33 19 19		**Compound Water Meters** *(33 19)*		
33 19 19 00-0001		Flanged Compound Type Water Service Meter *(33 19 19)*		
33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	5,622.37	148.57
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,780.30	189.47
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	11,219.92	296.47
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	15,700.32	401.23
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	32,471.65	512.70
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	55,773.00	624.15
33 19 23		**Magnetic Water Meters** *(33 19)*		
33 19 23 00-0001		Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*		
33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,994.96	148.57
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	12,675.58	189.47
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	14,545.93	296.47
33 19 26		**Ultrasonic Water Meters** *(33 19)*		
33 19 26 00-0001		Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*		
33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,535.15	189.47
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	5,221.51	296.47
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	7,686.15	401.23
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	11,076.01	512.70

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Plastic Sewer And Drain Piping *(33 31 11)*

Note: Includes detectable tracer wire.

33 31 11 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

33 31 11 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	11.49	4.70
33 31 11 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	13.94	5.54
33 31 11 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	19.29	6.72
33 31 11 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	24.11	7.84
33 31 11 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	32.94	9.12
33 31 11 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	44.12	10.60
33 31 11 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	60.20	10.98
33 31 11 00-0010	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	78.98	11.37

33 31 11 00-0011 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

Note: D-2729 PVC pipe.

33 31 11 00-0012	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.74	6.72
33 31 11 00-0013	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	17.30	7.84
33 31 11 00-0014	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	21.43	9.12

33 31 11 00-0015 Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0001)*

33 31 11 00-0016 Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbows *(33 31 11 00-0015)*

33 31 11 00-0017	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	31.51	15.23
33 31 11 00-0018	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	40.48	19.69
33 31 11 00-0019	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	73.91	26.44
33 31 11 00-0020	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	118.34	30.56
33 31 11 00-0021	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	501.10	39.72
33 31 11 00-0022	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	836.32	53.45
33 31 11 00-0023	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Elbow	1,103.82	71.19

33 31 11 00-0024 Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbows *(33 31 11 00-0015)*

33 31 11 00-0025	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	33.51	15.23
33 31 11 00-0026	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	40.31	19.69
33 31 11 00-0027	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	70.91	26.44
33 31 11 00-0028	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	103.66	30.56
33 31 11 00-0029	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	463.74	39.72
33 31 11 00-0030	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	749.49	53.45
33 31 11 00-0031	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	848.39	71.19
33 31 11 00-0032	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/8 Bend Elbow	1,264.92	94.82

33 31 11 00-0033 Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweeps *(33 31 11 00-0015)*

33 31 11 00-0034	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	55.86	14.99
33 31 11 00-0035	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	54.49	19.69
33 31 11 00-0036	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	109.93	26.44
33 31 11 00-0037	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	184.39	30.56
33 31 11 00-0038	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	373.52	39.72
33 31 11 00-0039	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	668.66	53.45
33 31 11 00-0040	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	1,100.81	71.19
33 31 11 00-0041	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/4 Bend Long Sweep	1,673.43	94.82

33 31 11 00-0042 Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbows *(33 31 11 00-0015)*

33 31 11 00-0043	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	37.77	15.23
33 31 11 00-0044	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	44.66	19.69
33 31 11 00-0045	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	83.38	26.44
33 31 11 00-0046	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	126.81	30.56
33 31 11 00-0047	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	625.37	39.72
33 31 11 00-0048	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,017.24	53.45
33 31 11 00-0049	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,145.02	71.19
33 31 11 00-0050	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, 1/16 Bend Elbow	1,166.06	94.82

33 31 11 00-0051 Polyvinyl Chloride (PVC) Sewer And Drain, Reducers *(33 31 11 00-0015)*

33 31 11 00-0052	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	43.45	17.38
33 31 11 00-0053	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	86.51	20.74
33 31 11 00-0054	EA	3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	80.69	22.87
33 31 11 00-0055	EA	4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	129.27	25.00
33 31 11 00-0056	EA	4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	138.48	28.36
33 31 11 00-0057	EA	6" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	441.81	35.11
33 31 11 00-0058	EA	8" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	948.32	46.54
33 31 11 00-0059	EA	10" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	203.03	50.82
33 31 11 00-0060	EA	10" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	280.89	55.43
33 31 11 00-0061	EA	10" x 8" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	263.07	62.25
33 31 11 00-0062	EA	12" x 6" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	979.67	67.29
33 31 11 00-0063	EA	12" x 8" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,033.77	74.11
33 31 11 00-0064	EA	12" x 10" Polyvinyl Chloride (PVC) Sewer And Drain, Reducer	1,093.24	83.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0065		**Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tees** *(33 31 11 00-0015)*		
33 31 11 00-0066	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	49.99	23.00
33 31 11 00-0067	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	66.74	29.76
33 31 11 00-0068	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	117.98	39.26
33 31 11 00-0069	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	185.67	48.76
33 31 11 00-0070	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	734.93	53.45
33 31 11 00-0071	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Sanitary Tee	953.34	71.19
33 31 11 00-0072		**Polyvinyl Chloride (PVC) Sewer And Drain, Wyes** *(33 31 11 00-0015)*		
33 31 11 00-0073	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	65.50	23.00
33 31 11 00-0074	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	75.75	29.76
33 31 11 00-0075	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	129.49	39.26
33 31 11 00-0076	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	204.51	48.76
33 31 11 00-0077	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	664.22	53.45
33 31 11 00-0078	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	819.01	71.19
33 31 11 00-0079	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	1,076.96	95.00
33 31 11 00-0080	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, Wye	1,708.04	126.78
33 31 11 00-0081		**Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wyes** *(33 31 11 00-0015)*		
33 31 11 00-0082	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	89.85	23.00
33 31 11 00-0083	EA	2" x 2" x 1" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	99.43	29.76
33 31 11 00-0084	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	113.48	39.26
33 31 11 00-0085	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	178.66	48.76
33 31 11 00-0086	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	196.34	48.76
33 31 11 00-0087	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Wye	322.96	80.35
33 31 11 00-0088		**Polyvinyl Chloride (PVC) Sewer And Drain, Double Wyes** *(33 31 11 00-0015)*		
33 31 11 00-0089	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	110.60	29.76
33 31 11 00-0090	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	143.83	39.26
33 31 11 00-0091	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	298.76	52.99
33 31 11 00-0092	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Double Wye	540.79	64.10
33 31 11 00-0093	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	136.49	39.26
33 31 11 00-0094	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	242.72	52.99
33 31 11 00-0095	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Double Wye	448.23	64.10
33 31 11 00-0096		**Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bends** *(33 31 11 00-0015)*		
33 31 11 00-0097	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	84.85	23.00
33 31 11 00-0098	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	105.93	29.76
33 31 11 00-0099	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	220.21	39.26
33 31 11 00-0100	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Combination Wye And 1/8 Bend	407.98	48.76
33 31 11 00-0101	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	171.65	29.76
33 31 11 00-0102	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	279.73	39.26
33 31 11 00-0103	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	196.93	39.26
33 31 11 00-0104	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	380.08	48.76
33 31 11 00-0105	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Reducing Combination Wye And 1/8 Bend	405.60	48.76
33 31 11 00-0106		**Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bends** *(33 31 11 00-0015)*		
33 31 11 00-0107	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	125.62	29.76
33 31 11 00-0108	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	145.50	39.26
33 31 11 00-0109	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	229.87	52.99
33 31 11 00-0110	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	888.70	64.10
33 31 11 00-0111	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Double Combination Wye And 1/8 Bend	2,983.77	70.97
33 31 11 00-0112		**Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tees With Plug** *(33 31 11 00-0015)*		
33 31 11 00-0113	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	678.52	125.28
33 31 11 00-0114	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	1,667.90	161.63
33 31 11 00-0115	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	2,116.54	227.77
33 31 11 00-0116	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout Tee With Plug	2,903.66	366.39
33 31 11 00-0117		**Polyvinyl Chloride (PVC) Sewer And Drain, Couplings** *(33 31 11 00-0015)*		
33 31 11 00-0118	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	30.45	15.23
33 31 11 00-0119	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	37.82	19.57
33 31 11 00-0120	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	61.11	26.21
33 31 11 00-0121	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	81.52	30.56
33 31 11 00-0122	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	256.79	39.72
33 31 11 00-0123	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	649.68	53.45
33 31 11 00-0124	EA	10" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	989.43	71.19
33 31 11 00-0125	EA	12" Polyvinyl Chloride (PVC) Sewer And Drain, Coupling	1,645.83	94.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0126		**Polyvinyl Chloride (PVC) Sewer And Drain, Adapters** *(33 31 11 00-0015)*		
33 31 11 00-0127	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Male Threaded Iron Adapter Fitting	138.73	78.24
33 31 11 00-0128	EA	2" x 3" x 3" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	96.46	59.52
33 31 11 00-0129	EA	2" x 3" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	99.59	59.52
33 31 11 00-0130	EA	3" x 4" x 4" Polyvinyl Chloride (PVC) Sewer And Drain, Downspout Adapter Fitting	107.88	59.52
33 31 11 00-0131	EA	4" Cast Iron Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Hub Pipe Adapter Fitting	141.00	78.24
33 31 11 00-0132	EA	4" Clay Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Spigot Pipe Adapter Fitting	134.37	78.24
33 31 11 00-0133	EA	4" Fiberglass Pipe x Polyvinyl Chloride (PVC) Sewer And Drain, Spigot Pipe Adapter Fitting	123.47	78.24
33 31 11 00-0134	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Drain Grate Fitting	68.43	40.23
33 31 11 00-0135		**Polyvinyl Chloride (PVC) Sewer And Drain, Caps** *(33 31 11 00-0015)*		
33 31 11 00-0136	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	43.57	16.37
33 31 11 00-0137	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	73.64	20.38
33 31 11 00-0138	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cap	142.53	26.32
33 31 11 00-0139		**Polyvinyl Chloride (PVC) Sewer And Drain, Cleanouts With Plug** *(33 31 11 00-0015)*		
33 31 11 00-0140	EA	1-1/2" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	26.62	15.23
33 31 11 00-0141	EA	2" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	34.69	19.69
33 31 11 00-0142	EA	3" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	52.04	26.44
33 31 11 00-0143	EA	4" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	69.47	30.56
33 31 11 00-0144	EA	6" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	122.15	39.72
33 31 11 00-0145	EA	8" Polyvinyl Chloride (PVC) Sewer And Drain, Cleanout With Plug	482.75	53.45
33 31 11 00-0146		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0147	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	19.12	7.84
		For SDR 26, Add	*0.67*	
33 31 11 00-0148	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	24.80	9.12
		For SDR 26, Add	*1.29*	
33 31 11 00-0149	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	32.37	10.60
		For SDR 26, Add	*2.19*	
33 31 11 00-0150	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	38.70	10.98
		For SDR 26, Add	*3.28*	
33 31 11 00-0151	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	46.31	11.36
		For SDR 26, Add	*4.62*	
33 31 11 00-0152	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	58.90	11.76
		For SDR 26, Add	*6.93*	
33 31 11 00-0153	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	73.31	12.19
33 31 11 00-0154	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	93.92	13.24
33 31 11 00-0155	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	113.05	14.28
33 31 11 00-0156	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	140.07	16.76
33 31 11 00-0157		**Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0158	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	18.72	7.84
		For SDR 26, Add	*0.60*	
33 31 11 00-0159	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	24.33	9.12
		For SDR 26, Add	*1.20*	
33 31 11 00-0160	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	31.85	10.60
		For SDR 26, Add	*2.09*	
33 31 11 00-0161		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0162		**Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bends** *(33 31 11 00-0161)*		
33 31 11 00-0163	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	91.49	28.68
		For SDR 26, Add	*4.19*	
33 31 11 00-0164	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	135.94	33.35
		For SDR 26, Add	*7.71*	
33 31 11 00-0165	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	285.62	37.80
		For SDR 26, Add	*21.34*	
33 31 11 00-0166	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	821.66	44.46
		For SDR 26, Add	*71.76*	
33 31 11 00-0167	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/4 Bend	1,061.78	56.69
		For SDR 26, Add	*92.86*	
33 31 11 00-0168		**Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bends** *(33 31 11 00-0161)*		
33 31 11 00-0169	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	82.51	28.68
		For SDR 26, Add	*3.33*	
33 31 11 00-0170	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	126.04	33.35
		For SDR 26, Add	*6.76*	
33 31 11 00-0171	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	260.58	37.80
		For SDR 26, Add	*18.93*	
33 31 11 00-0172	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	585.95	44.46
		For SDR 26, Add	*49.13*	
33 31 11 00-0173	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	837.66	56.69
		For SDR 26, Add	*71.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0174	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	1,797.51	80.04
		For SDR 26, Add	*159.76*	
33 31 11 00-0175	EA	18" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	2,852.48	113.39
33 31 11 00-0176	EA	21" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	4,761.01	150.07
33 31 11 00-0177	EA	24" Gasketed SDR 35 Polyvinyl Chloride (PVC), 1/8 Bend	6,491.90	200.09

33 31 11 00-0178 Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tees *(33 31 11 00-0161)*

33 31 11 00-0179	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	138.51	43.02
		For SDR 26, Add	*6.41*	
33 31 11 00-0180	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	224.09	47.69
		For SDR 26, Add	*13.88*	
33 31 11 00-0181	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	251.99	50.02
		For SDR 26, Add	*16.19*	
33 31 11 00-0182	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	278.32	52.36
		For SDR 26, Add	*18.34*	
33 31 11 00-0183	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	319.00	54.69
		For SDR 26, Add	*21.87*	
33 31 11 00-0184	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	613.49	57.03
		For SDR 26, Add	*49.77*	
33 31 11 00-0185	EA	10" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	786.52	58.36
		For SDR 26, Add	*66.17*	
33 31 11 00-0186	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	891.70	61.14
		For SDR 26, Add	*75.83*	
33 31 11 00-0187	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,318.11	63.48
		For SDR 26, Add	*116.39*	
33 31 11 00-0188	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,718.85	66.70
		For SDR 26, Add	*154.34*	
33 31 11 00-0189	EA	12" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	967.80	71.03
		For SDR 26, Add	*81.54*	
33 31 11 00-0190	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,027.53	73.37
		For SDR 26, Add	*86.90*	
33 31 11 00-0191	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	1,467.72	75.70
		For SDR 26, Add	*128.79*	
33 31 11 00-0192	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	2,118.66	78.93
		For SDR 26, Add	*190.77*	
33 31 11 00-0193	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Sanitary Tee	2,387.81	85.04
		For SDR 26, Add	*215.62*	

33 31 11 00-0194 Gasketed SDR 35 Polyvinyl Chloride (PVC), Wyes *(33 31 11 00-0161)*

33 31 11 00-0195	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	131.54	43.02
		For SDR 26, Add	*5.74*	
33 31 11 00-0196	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	200.87	47.69
		For SDR 26, Add	*11.65*	
33 31 11 00-0197	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	220.80	50.02
		For SDR 26, Add	*13.19*	
33 31 11 00-0198	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	268.36	52.36
33 31 11 00-0199	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	307.12	54.69
33 31 11 00-0200	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	471.59	57.03
33 31 11 00-0201	EA	10" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	719.13	58.81
33 31 11 00-0202	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	733.51	61.14
33 31 11 00-0203	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,105.13	63.48
33 31 11 00-0204	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,223.06	66.70
33 31 11 00-0205	EA	12" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	911.59	71.03
33 31 11 00-0206	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	940.20	73.37
33 31 11 00-0207	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,348.03	75.70
33 31 11 00-0208	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,625.00	78.93
33 31 11 00-0209	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	1,696.56	85.04
33 31 11 00-0210	EA	15" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,090.96	102.27
33 31 11 00-0211	EA	15" x 12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,320.07	108.38
33 31 11 00-0212	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), Wye	2,901.53	120.06

33 31 11 00-0213 Gasketed SDR 35 Polyvinyl Chloride (PVC), Couplings *(33 31 11 00-0161)*

33 31 11 00-0214	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	90.70	28.68
		For SDR 26, Add	*4.12*	
33 31 11 00-0215	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	141.23	33.35
		For SDR 26, Add	*8.22*	
33 31 11 00-0216	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	208.85	38.02
		For SDR 26, Add	*13.97*	
33 31 11 00-0217	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	397.00	44.46
		For SDR 26, Add	*30.99*	
33 31 11 00-0218	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	563.61	56.69
		For SDR 26, Add	*45.04*	
33 31 11 00-0219	EA	15" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	1,103.98	80.04
		For SDR 26, Add	*93.18*	
33 31 11 00-0220	EA	18" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	2,078.35	113.39
33 31 11 00-0221	EA	21" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	3,470.08	150.07
33 31 11 00-0222	EA	24" Gasketed SDR 35 Polyvinyl Chloride (PVC), Coupling	5,024.26	200.09

33 31 11 00-0223 Gasketed SDR 35 Polyvinyl Chloride (PVC), Increasers *(33 31 11 00-0161)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0224	EA	6" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	174.80	31.01
		For SDR 26, Add	*11.82*	
33 31 11 00-0225	EA	8" x 4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	251.04	33.35
		For SDR 26, Add	*18.76*	
33 31 11 00-0226	EA	8" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	264.72	35.68
		For SDR 26, Add	*19.70*	
33 31 11 00-0227	EA	10" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	598.41	38.90
		For SDR 26, Add	*51.23*	
33 31 11 00-0228	EA	10" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	687.94	41.24
		For SDR 26, Add	*59.45*	
33 31 11 00-0229	EA	12" x 6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	768.72	45.02
		For SDR 26, Add	*66.59*	
33 31 11 00-0230	EA	12" x 8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	882.51	47.36
		For SDR 26, Add	*77.14*	
33 31 11 00-0231	EA	12" x 10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	1,012.08	50.58
		For SDR 26, Add	*89.07*	
33 31 11 00-0232	EA	15" x 12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Increaser	1,524.16	68.37
		For SDR 26, Add	*135.38*	

33 31 11 00-0233 SDR 35 Polyvinyl Chloride (PVC), Saddle Wyes With Stainless Steel Clamps *(33 31 11 00-0161)*

33 31 11 00-0234	EA	6" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	144.25	
		For SDR 26, Add	*8.51*	
33 31 11 00-0235	EA	8" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	190.75	
		For SDR 26, Add	*11.91*	
33 31 11 00-0236	EA	8" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	195.05	
		For SDR 26, Add	*12.32*	
33 31 11 00-0237	EA	10" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	323.81	
		For SDR 26, Add	*23.62*	
33 31 11 00-0238	EA	10" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	341.81	
		For SDR 26, Add	*25.34*	
33 31 11 00-0239	EA	10" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	651.55	
		For SDR 26, Add	*55.08*	
33 31 11 00-0240	EA	12" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	368.66	
		For SDR 26, Add	*26.32*	
33 31 11 00-0241	EA	12" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	402.41	
		For SDR 26, Add	*29.56*	
33 31 11 00-0242	EA	12" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	902.47	
		For SDR 26, Add	*77.57*	
33 31 11 00-0243	EA	12" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	1,064.98	
		For SDR 26, Add	*93.17*	
33 31 11 00-0244	EA	15" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	422.31	
		For SDR 26, Add	*27.74*	
33 31 11 00-0245	EA	15" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Wye With Stainless Steel Clamps	451.76	
		For SDR 26, Add	*30.56*	

33 31 11 00-0246 SDR 35 Polyvinyl Chloride (PVC), Saddle Tees With Stainless Steel Clamps *(33 31 11 00-0161)*

33 31 11 00-0247	EA	6" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	154.33	
		For SDR 26, Add	*9.48*	
33 31 11 00-0248	EA	8" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	190.75	
		For SDR 26, Add	*11.91*	
33 31 11 00-0249	EA	8" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	208.77	
		For SDR 26, Add	*13.64*	
33 31 11 00-0250	EA	10" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	297.10	
		For SDR 26, Add	*21.05*	
33 31 11 00-0251	EA	10" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	339.66	
		For SDR 26, Add	*25.14*	
33 31 11 00-0252	EA	10" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	517.11	
		For SDR 26, Add	*42.17*	
33 31 11 00-0253	EA	12" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	366.52	
		For SDR 26, Add	*26.11*	
33 31 11 00-0254	EA	12" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	400.37	
		For SDR 26, Add	*29.36*	
33 31 11 00-0255	EA	12" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	601.46	
		For SDR 26, Add	*48.67*	
33 31 11 00-0256	EA	12" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	732.70	
		For SDR 26, Add	*61.27*	
33 31 11 00-0257	EA	15" x 4" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	420.98	
		For SDR 26, Add	*27.61*	
33 31 11 00-0258	EA	15" x 6" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	441.78	
		For SDR 26, Add	*29.61*	
33 31 11 00-0259	EA	15" x 8" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	739.11	
		For SDR 26, Add	*58.15*	
33 31 11 00-0260	EA	15" x 10" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	818.30	
		For SDR 26, Add	*65.75*	
33 31 11 00-0261	EA	15" x 12" SDR 35 Polyvinyl Chloride (PVC), Saddle Tee With Stainless Steel Clamps	1,158.69	
		For SDR 26, Add	*98.43*	

33 31 11 00-0262 Gasketed SDR 35 Polyvinyl Chloride (PVC), Caps *(33 31 11 00-0161)*

33 31 11 00-0263	EA	4" Gasketed SDR 35 Polyvinyl Chloride (PVC), Cap	45.77	
33 31 11 00-0264	EA	6" Gasketed SDR 35 Polyvinyl Chloride (PVC), Cap	69.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0265	EA	8" Gasketed SDR 35 Polyvinyl Chloride (PVC), Cap	146.72	
33 31 11 00-0266	EA	10" Gasketed SDR 35 Polyvinyl Chloride (PVC), Cap	393.53	
33 31 11 00-0267	EA	12" Gasketed SDR 35 Polyvinyl Chloride (PVC), Cap	577.24	

33 31 11 00-0268 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings *(33 31 11 00-0001)*

Note: ASTM F949.

33 31 11 00-0269 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0268)*

33 31 11 00-0270	LF	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	17.80	7.84
33 31 11 00-0271	LF	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	23.63	9.12
33 31 11 00-0272	LF	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	29.30	10.60
33 31 11 00-0273	LF	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	33.61	10.98
33 31 11 00-0274	LF	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	35.40	11.36
33 31 11 00-0275	LF	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	40.52	11.76
33 31 11 00-0276	LF	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	49.74	12.19
33 31 11 00-0277	LF	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	57.35	13.24
33 31 11 00-0278	LF	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	68.96	14.28
33 31 11 00-0279	LF	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	98.12	19.22

33 31 11 00-0280 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bends *(33 31 11 00-0268)*

33 31 11 00-0281	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	56.91
33 31 11 00-0282	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	75.63
33 31 11 00-0283	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	103.17
33 31 11 00-0284	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	169.39
33 31 11 00-0285	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	184.11
33 31 11 00-0286	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	299.55
33 31 11 00-0287	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	468.56
33 31 11 00-0288	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	653.95
33 31 11 00-0289	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	839.26
33 31 11 00-0290	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/4 Bend	1,100.37

33 31 11 00-0291 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bends *(33 31 11 00-0268)*

33 31 11 00-0292	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	53.72
33 31 11 00-0293	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	70.91
33 31 11 00-0294	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	96.30
33 31 11 00-0295	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	156.47
33 31 11 00-0296	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	170.58
33 31 11 00-0297	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	275.64
33 31 11 00-0298	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	429.58
33 31 11 00-0299	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	596.10
33 31 11 00-0300	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	762.63
33 31 11 00-0301	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/8 Bend	998.11

33 31 11 00-0302 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bends *(33 31 11 00-0268)*

33 31 11 00-0303	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	48.93
33 31 11 00-0304	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	60.93
33 31 11 00-0305	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	91.20
33 31 11 00-0306	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	115.04
33 31 11 00-0307	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	156.22
33 31 11 00-0308	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	250.24
33 31 11 00-0309	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	362.78
33 31 11 00-0310	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	536.91
33 31 11 00-0311	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	711.03
33 31 11 00-0312	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), 1/16 Bend	995.66

33 31 11 00-0313 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wyes *(33 31 11 00-0268)*

33 31 11 00-0314	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	88.18
33 31 11 00-0315	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	112.65
33 31 11 00-0316	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	191.52
33 31 11 00-0317	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	300.59
33 31 11 00-0318	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	488.28
33 31 11 00-0319	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	693.63
33 31 11 00-0320	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,002.67
33 31 11 00-0321	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,149.39
33 31 11 00-0322	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	1,296.07
33 31 11 00-0323	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Wye	2,315.07

33 31 11 00-0324 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tees *(33 31 11 00-0268)*

33 31 11 00-0325	EA	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	81.65	
33 31 11 00-0326	EA	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	103.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0327	EA	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	173.20	
33 31 11 00-0328	EA	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	269.29	
33 31 11 00-0329	EA	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	433.27	
33 31 11 00-0330	EA	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	614.25	
33 31 11 00-0331	EA	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	886.42	
33 31 11 00-0332	EA	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	1,014.55	
33 31 11 00-0333	EA	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	1,142.67	
33 31 11 00-0334	EA	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC), Tee	2,026.87	

33 31 11 00-0335 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0336	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	129.77	
33 31 11 00-0337	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	130.48	
33 31 11 00-0338	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	143.59	
33 31 11 00-0339	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	138.99	
33 31 11 00-0340	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	156.92	
33 31 11 00-0341	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	176.60	
33 31 11 00-0342	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	209.23	
33 31 11 00-0343	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	177.20	
33 31 11 00-0344	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	193.71	
33 31 11 00-0345	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	223.41	
33 31 11 00-0346	EA	2" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	182.12	
33 31 11 00-0347	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	142.96	
33 31 11 00-0348	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	156.07	
33 31 11 00-0349	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	185.88	
33 31 11 00-0350	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	220.63	
33 31 11 00-0351	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	237.61	

33 31 11 00-0352 Couplings And Plug Fittings *(33 31 11)*

33 31 11 00-0353 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0352)*

Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.

33 31 11 00-0354	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	21.46	7.41
33 31 11 00-0355	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	23.43	8.66
33 31 11 00-0356	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	27.24	9.89
33 31 11 00-0357	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	30.97	10.50
33 31 11 00-0358	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	38.28	11.12
33 31 11 00-0359	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	45.63	12.36
33 31 11 00-0360	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	58.66	13.59
33 31 11 00-0361	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	72.98	14.21
33 31 11 00-0362	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	122.62	14.83
33 31 11 00-0363	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	168.11	16.07
33 31 11 00-0364	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	327.73	16.68
33 31 11 00-0365	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	381.24	17.61
33 31 11 00-0366	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	422.64	18.54
33 31 11 00-0367	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	506.76	19.78

33 31 11 00-0368 Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0352)*

Note: For ductile iron to ductile iron. Includes stainless steel clamps.

33 31 11 00-0369	EA	4" x 4" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-44)	36.69
33 31 11 00-0370	EA	5" x 4" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-54)	52.18
33 31 11 00-0371	EA	5" x 5" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-55)	49.19
33 31 11 00-0372	EA	6" x 4" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-64)	62.96
33 31 11 00-0373	EA	6" x 5" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-65)	66.07
33 31 11 00-0374	EA	6" x 6" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-66)	59.87
33 31 11 00-0375	EA	8" x 6" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-86)	89.31
33 31 11 00-0376	EA	8" x 8" Ductile Iron To Ductile, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-88)	80.08
33 31 11 00-0377	EA	10" x 8" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-10-8)	111.92
33 31 11 00-0378	EA	10" x 10" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-1010)	101.21
33 31 11 00-0379	EA	12" x 10" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-1210)	134.94
33 31 11 00-0380	EA	12" x 12" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-1212)	117.44
33 31 11 00-0381	EA	16" x 15" Ductile Iron To Ductile Iron, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling (Fernco 1055-1615)	189.88

33 31 11 00-0382 Manhole Inside Bowl Drop *(33 31 11)*

33 31 11 00-0383	EA	Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)	346.46
33 31 11 00-0384	EA	Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)	363.31
33 31 11 00-0385	EA	Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)	372.77
33 31 11 00-0386	EA	Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)	385.60
33 31 11 00-0387	EA	Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)	401.02
33 31 11 00-0388	EA	Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)	430.17
33 31 11 00-0389	EA	Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)	448.33
33 31 11 00-0390	EA	Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)	462.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0391	EA	Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)	796.44	
33 31 11 00-0392	EA	Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)	818.30	

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,211.74	363.36
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,181.04	363.36
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,039.28	121.08
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,609.77	121.08
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	13,716.40	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	3,952.01	770.94
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,860.79	899.43
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	7,187.09	1,156.41

33 32 16 00-0011 In-Line Sewage Grinder, Single Shaft Design *(33 32 16)*

33 32 16 00-0012	EA	In-Line Sewage Grinder, 4" Pipe Flanges, Single Shaft Design, Franklin Miller Super Shredder Series 4-8000, 3 HP, 230/460 Volt, 3 Phase, 60 Hertz, Totally Enclosed Explosion Proof Motor	14,849.37	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*2,700.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*9,600.00*	
33 32 16 00-0013	EA	In-Line Sewage Grinder, 6" Pipe Flanges, Single Shaft Design, Franklin Miller Super Shredder Series 6-8000, 3 HP, 230/460 Volt, 3 Phase, 60 Hertz, Totally Enclosed Explosion Proof Motor	14,849.37	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*2,700.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*9,600.00*	
33 32 16 00-0014	EA	In-Line Sewage Grinder, 8" Pipe Flanges, Single Shaft Design, Franklin Miller Super Shredder Series 8000, 5 HP, 230/460 Volt, 3 Phase, 60 Hertz, Totally Enclosed Explosion Proof Motor	14,849.37	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*2,700.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*9,600.00*	
33 32 16 00-0015	EA	In-Line Sewage Grinder, 10" Pipe Flanges, Single Shaft Design, Franklin Miller Super Shredder Series 1000, 7-1/2 HP, 230/460 Volt, 3 Phase, 60 Hertz, Totally Enclosed Explosion Proof Motor	23,345.29	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*2,700.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*9,600.00*	
33 32 16 00-0016	EA	In-Line Sewage Grinder, 10" Pipe Flanges, Single Shaft Design, Franklin Miller Super Shredder Series 1600, 10 HP, 230/460 Volt, 3 Phase, 60 Hertz, Totally Enclosed Explosion Proof Motor	31,426.77	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*2,700.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*9,600.00*	
33 32 16 00-0017	EA	Lower Housing Replacement, Including Casing, Liner, Cutter And Bearings. For Series 8000	78,126.85	
33 32 16 00-0018	EA	Lower Housing Replacement, Including Casing, Liner, Cutter And Bearings. For Series 1000	87,583.54	
33 32 16 00-0019	EA	Lower Housing Replacement, Including Casing, Liner, Cutter And Bearings. For Series 1600	310,800.55	

33 32 16 00-0020 In-Line Sewage Grinder, Double Shaft Design *(33 32 16)*

33 32 16 00-0021	EA	4" Pipe Flanges, In-Line Sewage Grinder, 3 HP, Muffin Monster Series 30000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 29:1 reducer, and 12" high cutting cartridge.	15,088.56	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0022	EA	6" Pipe Flanges, In-Line Sewage Grinder, 3 HP, Muffin Monster Series 30000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 29:1 reducer, and 12" high cutting cartridge.	16,330.68	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 32 16 00-0023	EA	8" Pipe Flanges, In-Line Sewage Grinder, 3 HP, Muffin Monster Series 30000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 29:1 reducer, and 12" high cutting cartridge.	16,809.06	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0024	EA	10" Pipe Flanges, In-Line Sewage Grinder, 3 HP, Muffin Monster Series 30000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 29:1 reducer, and 12" high cutting cartridge.	19,191.47	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0025	EA	12" Pipe Flanges, In-Line Sewage Grinder, 3 HP, Muffin Monster Series 30000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 29:1 reducer, and 12" high cutting cartridge.	21,039.85	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0026	EA	12" Pipe Flanges, In-Line Sewage Grinder, 10 HP, Muffin Monster Series 40000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 43:1 reducer, and 12" high cutting cartridge.	41,614.77	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0027	EA	16" Pipe Flanges, In-Line Sewage Grinder, 10 HP, Muffin Monster Series 40000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 43:1 reducer, and 12" high cutting cartridge.	47,781.56	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0028	EA	18" Pipe Flanges, In-Line Sewage Grinder, 10 HP, Muffin Monster Series 40000 Note: Double shaft design, 0-1200 GPM capacity, 230/460 volt, 3 phase, 60 Hz totally enclosed explosion-proof motor with 43:1 reducer, and 12" high cutting cartridge.	50,178.18	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
33 32 16 00-0029	EA	Up To 8" Cutter Cartridge Replacement For Series 30000	97,248.11	
33 32 16 00-0030	EA	10" To 12" Cutter Cartridge Replacement For Series 30000	156,280.42	
33 32 16 00-0031	EA	12" Cutter Cartridge Replacement For Series 40000	329,518.66	
33 32 16 00-0032	EA	16" Cutter Cartridge Replacement For Series 40000	389,507.01	
33 32 16 00-0033	EA	18" Cutter Cartridge Replacement For Series 40000	412,820.45	

33 32 16 00-0034 Open Channel Sewage, Double Shaft Design *(33 32 16)*

33 32 16 00-0035	EA	Open Channel Sewage Grinder, Double Shaft Design, 40" High Cutter Cartridge, Muffin Monster Series 30000	27,596.21	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect	*3,701.00*	
33 32 16 00-0036	EA	Open Channel Sewage Grinder, Double Shaft Design, 50" High Cutter Cartridge, Muffin Monster Series 30000	29,964.41	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect	*3,701.00*	
33 32 16 00-0037	EA	Open Channel Sewage Grinder, Double Shaft Design, 60" High Cutter Cartridge, Muffin Monster Series 30000	32,332.61	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect	*3,701.00*	
33 32 16 00-0038	EA	Open Channel Sewage Grinder, Double Shaft Design, 18" High Cutter Cartridge, Muffin Monster Series 40000	38,775.30	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect, Add *Note: With Quick Disconnect, Add*	*5,182.00*	
33 32 16 00-0039	EA	Open Channel Sewage Grinder, Double Shaft Design, 24" High Cutter Cartridge, Muffin Monster Series 40000	41,929.74	1,430.15
		For NEMA 4X Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*1,846.00*	
		For NEMA 7 Controller, Add *Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.*	*10,466.00*	
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect, Add *Note: With Quick Disconnect, Add*	*5,182.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 32 16 00-0040	EA	Open Channel Sewage Grinder, Double Shaft Design, 32" High Cutter Cartridge, Muffin Monster Series 40000	44,949.19	1,430.15
		For NEMA 4X Controller, Add	*1,846.00*	
		Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.		
		For NEMA 7 Controller, Add	*10,466.00*	
		Note: Includes push to test lamp, ET meter door/window, CB disconnect and motor over temperature.		
		For Power Pack, 5HP, 230/460V, 3 Phase, 60 Hertz Hydraulic Drive With Quick Disconnect, Add	*5,182.00*	
		Note: With Quick Disconnect, Add		
33 32 16 00-0041	EA	For Cutter Cartridge Replacement For Series 30000, 40"	177,762.43	
33 32 16 00-0042	EA	For Cutter Cartridge Replacement For Series 30000, 50"	198,783.69	
33 32 16 00-0043	EA	For Cutter Cartridge Replacement For Series 30000, 60"	222,108.65	
33 32 16 00-0044	EA	For Cutter Cartridge Replacement For Series 40000, 18"	246,009.54	
33 32 16 00-0045	EA	For Cutter Cartridge Replacement For Series 40000, 24"	287,188.17	
33 32 16 00-0046	EA	For Cutter Cartridge Replacement For Series 40000, 32"	319,439.97	
33 32 16 00-0047		Monoflo TR Muncher *(33 32 16)*		
		Note: TR Muncher twin shaft sludge grinder, 3 HP TEXP motor, CI body, alloy steel cutter and spacers, 11 tooth cutters, 8mm thick, includes control panel monoflo priced separately.		
33 32 16 00-0048	EA	CT203P Monoflo TR Muncher 4" Ports with 12" Throat	40,063.74	476.80
		For 5 HP TEXP Motor, Add	*1,150.00*	
		For 5mm Thick Cutters, Add	*725.00*	
33 32 16 00-0049	EA	CT203Q Monoflo TR Muncher 6" Ports with 12" Throat	40,063.74	476.80
		For 5 HP TEXP Motor, Add	*1,150.00*	
		For 5mm Thick Cutters, Add	*725.00*	
33 32 16 00-0050	EA	CT203R Monoflo TR Muncher 8" Ports with 12" Throat	40,703.37	476.80
		For 5 HP TEXP Motor, Add	*1,150.00*	
		For 5mm Thick Cutters, Add	*725.00*	
33 32 16 00-0051	EA	CT203S Monoflo TR Muncher 10" Ports with 12" Throat	46,715.84	476.80
		For 5 HP TEXP Motor, Add	*1,150.00*	
		For 5mm Thick Cutters, Add	*950.00*	
33 32 16 00-0052	EA	CT203T Monoflo TR Muncher 12" Ports with 12" Throat	49,913.97	476.80
		For 5 HP TEXP Motor, Add	*1,150.00*	
		For 5mm Thick Cutters, Add	*950.00*	
33 32 16 00-0053	EA	Monoflo TR Muncher Control Panel (MF-511)	8,937.30	119.20
33 32 16 00-0054	EA	Monoflo TR Muncher 12" Cutter Stack Rotating Assembly, spare part, material only	20,442.42	
		For 5mm Thick Cutters, Add	*725.00*	
33 32 16 00-0055	EA	Monoflo TR Muncher 20" Cutter Stack Rotating Assembly, spare part, material only	21,491.40	
		For 5mm Thick Cutters, Add	*950.00*	

33 34 Onsite Wastewater Disposal *(33 30)*

Note: Excludes distribution field piping, trenching or excavation.

33 34 13 Septic Tanks *(33 34)*

33 34 13 13 Concrete Septic Tanks *(33 34 13)*

33 34 13 13-0001 Precast Concrete Septic Tank *(33 34 13 13)*

Note: Includes external coating.

33 34 13 13-0002	EA	1,000 Gallon Precast Septic Tank	4,301.87	770.94
		For Non-Traffic Rated, Deduct	*-838.78*	
33 34 13 13-0003	EA	1,250 Gallon Precast Septic Tank	5,175.55	850.99
		For Non-Traffic Rated, Deduct	*-1,032.69*	
33 34 13 13-0004	EA	1,500 Gallon Precast Septic Tank	6,015.33	930.91
		For Non-Traffic Rated, Deduct	*-1,218.10*	
33 34 13 13-0005	EA	2,000 Gallon Precast Septic Tank	7,734.91	1,011.85
		For Non-Traffic Rated, Deduct	*-1,624.04*	
33 34 13 13-0006	EA	2,500 Gallon Precast Septic Tank	9,202.43	1,397.33
		For Non-Traffic Rated, Deduct	*-1,873.19*	
33 34 13 13-0007	EA	4,000 Gallon Precast Septic Tank	24,602.12	1,927.35
		For Non-Traffic Rated, Deduct	*-5,559.48*	
33 34 13 13-0008	EA	5,000 Gallon Precast Septic Tank	44,782.20	2,891.02
		For Non-Traffic Rated, Deduct	*-10,311.50*	
33 34 13 13-0009	EA	7,500 Gallon Precast Septic Tank	50,154.11	4,047.43
		For Non-Traffic Rated, Deduct	*-11,307.17*	
33 34 13 13-0010	EA	10,000 Gallon Precast Septic Tank	61,506.60	4,842.53
		For Non-Traffic Rated, Deduct	*-13,899.02*	
33 34 13 13-0011	EA	12,500 Gallon Precast Septic Tank	72,658.75	5,998.94
		For Non-Traffic Rated, Deduct	*-16,317.65*	

33 34 13 23 Fiberglass Septic Tank *(33 34 13)*

33 34 13 23-0001 Fiberglass Septic Tank *(33 34 13 23)*

33 34 13 23-0002	EA	1,000 Gallon Fiberglass Septic Tank	4,818.02	578.20
33 34 13 23-0003	EA	1,250 Gallon Fiberglass Septic Tank	5,668.33	770.94
33 34 13 23-0004	EA	1,500 Gallon Fiberglass Septic Tank	6,535.84	698.73
33 34 13 23-0005	EA	2,000 Gallon Fiberglass Septic Tank	10,951.86	756.42
33 34 13 23-0006	EA	2,500 Gallon Fiberglass Septic Tank	13,744.09	1,048.48
33 34 13 23-0007	EA	4,000 Gallon Fiberglass Septic Tank	21,806.73	1,445.51
33 34 13 23-0008	EA	5,000 Gallon Fiberglass Septic Tank	32,363.89	2,168.26
33 34 13 23-0009	EA	7,500 Gallon Fiberglass Septic Tank	44,431.11	3,035.57
33 34 13 23-0010	EA	10,000 Gallon Fiberglass Septic Tank	54,527.20	3,628.17

33 34 13 33 Polyethylene Septic Tank *(33 34 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 13 33-0001		High-Density Polyethylene (HDPE) Septic Tank *(33 34 13 33)*		
33 34 13 33-0002	EA	300 Gallon One Compartment One Manhole High-Density Polyethylene (HDPE) Septic Tank	1,333.40	222.91
33 34 13 33-0003	EA	500 Gallon One Compartment One Manhole High-Density Polyethylene (HDPE) Septic Tank	2,069.86	250.77
33 34 13 33-0004	EA	900 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	2,885.62	306.50
33 34 13 33-0005	EA	1,000 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	2,959.66	334.36
33 34 13 33-0006	EA	1,250 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	3,434.32	362.22
33 34 13 33-0007	EA	1,500 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	4,128.89	390.09
33 34 13 33-0008	EA	750 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	2,911.05	278.64
33 34 13 33-0009	EA	1,000 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	3,169.12	334.36
33 34 13 33-0010	EA	1,250 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	3,732.79	362.22
33 34 13 33-0011	EA	1,500 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank	4,390.72	390.09
33 34 51		**Drainage Field System** *(33 34)*		
33 34 51 00-0001		Leaching Pit - Precast Concrete *(33 34 51)*		
		Note: Includes external coating.		
33 34 51 00-0002	EA	3' Diameter, 3' High, Precast Concrete Leaching Pit	1,021.33	113.07
33 34 51 00-0003	EA	4' Diameter, 3' High, Precast Concrete Leaching Pit	1,439.29	160.61
33 34 51 00-0004	EA	6' Diameter, 3' High, Precast Concrete Leaching Pit	1,917.16	192.73
33 34 51 00-0005	EA	8' Diameter, 4' High, Precast Concrete Leaching Pit	3,119.39	321.22
33 34 51 00-0006	EA	10' Diameter, 4' High, Precast Concrete Leaching Pit	4,556.82	449.71
33 34 53		**Distribution Chambers** *(33 34)*		
33 34 53 13		**Drainage Field Concrete Distribution Chambers** *(33 34 53)*		
33 34 53 13-0001		Concrete Distribution Boxes *(33 34 53 13)*		
		Note: Includes internal and external coating.		
33 34 53 13-0002	EA	3 Outlet Concrete Distribution Box	370.37	79.14
33 34 53 13-0003	EA	5 Outlet Concrete Distribution Box	430.83	94.97
33 34 53 13-0004	EA	8 Outlet Concrete Distribution Box	758.34	110.80
33 34 53 13-0005	EA	12 Outlet Concrete Distribution Box	1,500.48	189.95
33 34 53 13-0006		Leaching Field Chambers - Precast Concrete *(33 34 53 13)*		
33 34 53 13-0007	EA	Standard Leaching Field Chamber 13' x 3'-7" x 1'-4"	1,236.91	107.56
33 34 53 13-0008	EA	Heavy-Duty Leaching Field Chamber 13' x 3'-9" x 1'-6"	1,514.36	146.68
33 34 53 33		**Drainage Field Polyethylene Distribution Chambers** *(33 34 53)*		
33 34 53 33-0001		High-Density Polyethylene (HDPE) Leaching Field Chambers *(33 34 53 33)*		
33 34 53 33-0002	LF	16" Wide x 11" High, High-Density Polyethylene (HDPE) Leaching Field Chamber	23.83	6.68
33 34 53 33-0003	LF	22" Wide x 12" High, High-Density Polyethylene (HDPE) Leaching Field Chamber	30.69	7.24
33 34 53 33-0004	LF	34" Wide x 12" High, High-Density Polyethylene (HDPE) Leaching Field Chamber	41.40	7.89
33 34 53 33-0005	LF	34" Wide x 16" High, High-Density Polyethylene (HDPE) Leaching Field Chamber	60.03	8.68
33 34 56		**Drainage Field Dosing Chambers** *(33 34)*		
33 34 56 00-0001		Dosing Siphon *(33 34 56)*		
33 34 56 00-0002	EA	Dosing Siphon With Electrical Connection And Solenoid Valve	6,150.01	
33 34 56 00-0003	EA	Solar Power Control For Dosing Siphon	4,221.82	
33 34 56 00-0004	EA	Electrical Power Control For Dosing Siphon	4,056.40	

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

See CSI section 33 42 11 00-0274 for polyethylene drain pipe.

33 41 16 13-0001		Corrugated High-Density Polyethylene (HDPE) Drainage Piping *(33 41 16 13)*		
33 41 16 13-0002		Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 41 16 13-0001)*		
		Note: Excludes couplings and gaskets.		
33 41 16 13-0003		Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*		
33 41 16 13-0004	LF	4" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	7.07	5.87
		For <100, Add	*1.23*	
		For >1,000, Deduct	*-0.65*	
33 41 16 13-0005	LF	6" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	8.97	6.29
		For <100, Add	*1.39*	
		For >1,000, Deduct	*-0.76*	
33 41 16 13-0006	LF	8" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	11.34	6.60
		For <100, Add	*1.56*	
		For >1,000, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0007	LF	10" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	15.57	6.81
		For <100, Add	*1.80*	
		For >1,000, Deduct	*-1.12*	
33 41 16 13-0008	LF	12" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	18.37	7.44
		For <100, Add	*2.03*	
		For >1,000, Deduct	*-1.29*	
33 41 16 13-0009	LF	15" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	24.29	8.38
		For <100, Add	*2.47*	
		For >1,000, Deduct	*-1.63*	
33 41 16 13-0010	LF	18" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	38.20	13.28
		For <100, Add	*3.90*	
		For >1,000, Deduct	*-2.57*	
33 41 16 13-0011	LF	24" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	53.48	14.58
		For <100, Add	*4.86*	
		For >1,000, Deduct	*-3.40*	

33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0013	LF	4" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	6.90	5.87
		For <100, Add	*1.23*	
		For >1,000, Deduct	*-0.64*	
33 41 16 13-0014	LF	6" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	8.90	6.29
		For <100, Add	*1.39*	
		For >1,000, Deduct	*-0.76*	
33 41 16 13-0015	LF	8" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	14.60	6.60
		For <100, Add	*1.72*	
		For >1,000, Deduct	*-1.06*	
33 41 16 13-0016	LF	10" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	17.29	6.81
		For <100, Add	*1.89*	
		For >1,000, Deduct	*-1.21*	
33 41 16 13-0017	LF	12" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	20.25	7.44
		For <100, Add	*2.13*	
		For >1,000, Deduct	*-1.38*	
33 41 16 13-0018	LF	15" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	24.09	8.38
		For <100, Add	*2.46*	
		For >1,000, Deduct	*-1.62*	
33 41 16 13-0019	LF	18" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	36.96	13.28
		For <100, Add	*3.84*	
		For >1,000, Deduct	*-2.51*	
33 41 16 13-0020	LF	24" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	51.52	14.58
		For <100, Add	*4.76*	
		For >1,000, Deduct	*-3.31*	

33 41 16 13-0021 Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings *(33 41 16 13-0001)*

Note: Excludes couplings and gaskets.

33 41 16 13-0022 Tees, Single Wall, Corrugated High-Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0023	EA	4" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	44.81	26.69
33 41 16 13-0024	EA	6" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	52.84	31.14
33 41 16 13-0025	EA	8" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	76.42	37.82
33 41 16 13-0026	EA	10" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	96.75	46.71
33 41 16 13-0027	EA	12" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	133.56	55.62
33 41 16 13-0028	EA	15" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	254.71	72.67
33 41 16 13-0029	EA	18" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	312.65	97.86
33 41 16 13-0030	EA	24" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE)	537.22	111.22

33 41 16 13-0031 Wyes, Single Wall, Corrugated High-Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0032	EA	4" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE)	45.52	26.69
33 41 16 13-0033	EA	6" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE)	55.18	31.14
33 41 16 13-0034	EA	8" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE)	100.82	37.82

33 41 16 13-0035 45 Degree Bends, Single Wall, Corrugated High-Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0036	EA	4" 45 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE)	30.11	17.80

33 41 16 13-0037 90 Degree Bends, Single Wall, Corrugated High-Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0038	EA	4" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE)	30.86	17.80
33 41 16 13-0039	EA	6" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE)	38.25	20.77
33 41 16 13-0040	EA	8" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE)	52.69	25.21
33 41 16 13-0041	EA	10" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE)	67.90	31.14

33 41 16 13-0042 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)*

Note: Includes fittings, couplings, elbows, etc.

33 41 16 13-0043	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	6.97	4.30
		For <100, Add	*0.99*	
		For >1,000, Deduct	*-0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0044	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	7.60	4.64
		For <100, Add	*1.08*	
		For >1,000, Deduct	*-0.61*	
33 41 16 13-0045	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	10.67	5.57
		For <100, Add	*1.37*	
		For >1,000, Deduct	*-0.81*	
33 41 16 13-0046	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	16.49	6.97
		For <100, Add	*1.87*	
		For >1,000, Deduct	*-1.17*	
33 41 16 13-0047	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	26.29	7.24
		For <100, Add	*2.40*	
		For >1,000, Deduct	*-1.68*	
33 41 16 13-0048	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	33.41	7.91
		For <100, Add	*2.86*	
		For >1,000, Deduct	*-2.07*	
33 41 16 13-0049	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	45.90	8.92
		For <100, Add	*3.63*	
		For >1,000, Deduct	*-2.74*	

33 41 16 13-0050 Perforated Non-Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*

33 41 16 13-0051	LF	6" Perforated Non-Reinforced Concrete Drainage Pipe	38.69	14.49
		For Extra Strength, Add	*2.11*	
		For >1,000, Deduct	*-1.93*	
33 41 16 13-0052	LF	8" Perforated Non-Reinforced Concrete Drainage Pipe	45.18	16.10
		For Extra Strength, Add	*2.60*	
		For >1,000, Deduct	*-2.26*	
33 41 16 13-0053	LF	10" Perforated Non-Reinforced Concrete Drainage Pipe	51.10	17.72
		For Extra Strength, Add	*3.03*	
		For >1,000, Deduct	*-2.56*	
33 41 16 13-0054	LF	12" Perforated Non-Reinforced Concrete Drainage Pipe	59.94	19.33
		For Extra Strength, Add	*3.80*	
		For >1,000, Deduct	*-3.00*	

33 41 16 13-0055 Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

33 41 16 13-0056	LF	6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	32.14	14.49
		For >1,000, Deduct	*-1.61*	
33 41 16 13-0057	LF	8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	35.57	16.10
		For >1,000, Deduct	*-1.78*	
33 41 16 13-0058	LF	10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	39.23	17.72
		For >1,000, Deduct	*-1.96*	
33 41 16 13-0059	LF	12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	44.76	18.41
		For >1,000, Deduct	*-2.24*	
33 41 16 13-0060	LF	15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	51.97	20.71
		For >1,000, Deduct	*-2.60*	
33 41 16 13-0061	LF	18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	64.32	26.45
		For >1,000, Deduct	*-3.22*	
33 41 16 13-0062	LF	21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	80.35	33.93
		For >1,000, Deduct	*-4.02*	
33 41 16 13-0063	LF	24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	97.96	41.41
		For >1,000, Deduct	*-4.90*	

33 41 16 13-0064 Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

33 41 16 13-0065	LF	6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	29.98	14.49
		For >1,000, Deduct	*-1.50*	
33 41 16 13-0066	LF	8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	37.97	16.10
		For >1,000, Deduct	*-1.90*	
33 41 16 13-0067	LF	10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	47.89	17.72
		For >1,000, Deduct	*-2.39*	
33 41 16 13-0068	LF	12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	58.03	19.33
		For >1,000, Deduct	*-2.90*	
33 41 16 13-0069	LF	15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	66.42	21.50
		For >1,000, Deduct	*-3.32*	
33 41 16 13-0070	LF	18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	86.02	26.81
		For >1,000, Deduct	*-4.30*	

33 41 16 13-0071 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*

33 41 16 13-0072	LF	4" Perforated Vitrified Clay Drainage Pipe	29.70	16.10
33 41 16 13-0073	LF	6" Perforated Vitrified Clay Drainage Pipe	35.37	18.12
33 41 16 13-0074	LF	8" Perforated Vitrified Clay Drainage Pipe	40.11	18.12
33 41 16 13-0075	LF	10" Perforated Vitrified Clay Drainage Pipe	53.58	22.15
33 41 16 13-0076	LF	12" Perforated Vitrified Clay Drainage Pipe	63.48	24.16

33 41 16 13-0077 Geotextile Filter Fabric Sock *(33 41 16 13)*

33 41 16 13-0078	LF	3" Geotextile Filter Fabric Sock	0.92	
33 41 16 13-0079	LF	4" Geotextile Filter Fabric Sock	1.22	
33 41 16 13-0080	LF	6" Geotextile Filter Fabric Sock	1.84	
33 41 16 13-0081	LF	8" Geotextile Filter Fabric Sock	2.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0082	LF	10" Geotextile Filter Fabric Sock	3.68	
33 41 16 13-0083	LF	12" Geotextile Filter Fabric Sock	5.05	
33 41 16 13-0084	LF	15" Geotextile Filter Fabric Sock	6.03	
33 41 16 13-0085		Strip-Perforated, Galvanized, Corrugated Steel Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0086	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	27.08	6.91
		For Full Perforated, Add	*1.33*	
33 41 16 13-0087	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	34.23	8.36
		For Full Perforated, Add	*1.75*	
33 41 16 13-0088	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	43.18	10.61
		For Full Perforated, Add	*2.19*	
33 41 16 13-0089	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	48.04	12.55
		For Full Perforated, Add	*2.29*	
33 41 16 13-0090	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	54.81	12.99
		For Full Perforated, Add	*2.88*	
33 41 16 13-0091	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	61.76	13.46
		For Full Perforated, Add	*3.48*	
33 41 16 13-0092	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	70.51	14.53
		For Full Perforated, Add	*4.15*	
33 41 16 13-0093		Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0094	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	29.21	6.91
		For Full Perforated, Add	*1.54*	
33 41 16 13-0095	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	37.12	8.36
		For Full Perforated, Add	*2.04*	
33 41 16 13-0096	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	46.71	10.61
		For Full Perforated, Add	*2.55*	
33 41 16 13-0097	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	51.48	12.55
		For Full Perforated, Add	*2.64*	
33 41 16 13-0098	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	59.06	12.99
		For Full Perforated, Add	*3.31*	
33 41 16 13-0099	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	66.80	13.46
		For Full Perforated, Add	*3.99*	
33 41 16 13-0100	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	76.38	14.53
		For Full Perforated, Add	*4.73*	
33 41 16 13-0101		Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0102	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	29.90	6.91
		For Full Perforated, Add	*1.61*	
33 41 16 13-0103	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	38.01	8.36
		For Full Perforated, Add	*2.13*	
33 41 16 13-0104	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	47.84	10.61
		For Full Perforated, Add	*2.66*	
33 41 16 13-0105	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	59.96	12.55
		For Full Perforated, Add	*3.49*	
33 41 16 13-0106	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	69.61	12.99
		For Full Perforated, Add	*4.36*	
33 41 16 13-0107	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	79.59	13.46
		For Full Perforated, Add	*5.27*	
33 41 16 13-0108	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	91.29	14.53
		For Full Perforated, Add	*6.22*	
33 41 16 13-0109		Prefabricated Composite Drains *(33 41 16 13)*		
33 41 16 13-0110		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0109)*		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0111	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	12.13	2.61
		For External Typar Geotextile Wrap, Add	*2.17*	
33 41 16 13-0112	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	55.17	
33 41 16 13-0113	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	55.17	
33 41 16 13-0114	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	105.49	
33 41 16 13-0115	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	105.49	
33 41 16 13-0116	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	19.29	3.26
		For External Typar Geotextile Wrap, Add	*3.26*	
33 41 16 13-0117	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	81.00	
33 41 16 13-0118	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	81.00	
33 41 16 13-0119	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	138.14	
33 41 16 13-0120	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	138.14	
33 41 19		**Underslab Drainage** *(33 41)*		
33 41 19 13		**Underslab Drainage Piping** *(33 41 19)*		
33 41 19 13-0001		Capillary Water Barrier Underslab Drainage *(33 41 19 13)*		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	72.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	69.33	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	68.11	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	66.26	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

Note: Includes detectable tracer wire.

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	57.80	19.33
		For >1,000, Deduct	*-2.89*	
		For Class 4, Add	*2.87*	
		For Class 5, Add	*6.04*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	69.37	21.50
		For >1,000, Deduct	*-3.47*	
		For Class 4, Add	*3.67*	
		For Class 5, Add	*7.73*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	78.97	26.81
		For >1,000, Deduct	*-3.95*	
		For Class 4, Add	*3.86*	
		For Class 5, Add	*8.13*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	101.16	33.82
		For >1,000, Deduct	*-5.06*	
		For Class 4, Add	*5.02*	
		For Class 5, Add	*10.57*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	118.46	41.07
		For >1,000, Deduct	*-5.92*	
		For Class 4, Add	*5.68*	
		For Class 5, Add	*11.96*	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	149.88	52.08
		For >1,000, Deduct	*-7.49*	
		For Class 4, Add	*7.17*	
		For Class 5, Add	*15.10*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	159.37	53.79
		For >1,000, Deduct	*-7.97*	
		For Class 4, Add	*7.76*	
		For Class 5, Add	*16.33*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	197.14	61.11
		For >1,000, Deduct	*-9.86*	
		For Class 4, Add	*10.52*	
		For Class 5, Add	*22.14*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	255.29	67.22
		For >1,000, Deduct	*-12.76*	
		For Class 4, Add	*15.22*	
		For Class 5, Add	*32.04*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	305.66	74.87
		For >1,000, Deduct	*-15.28*	
		For Class 4, Add	*18.88*	
		For Class 5, Add	*39.74*	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	380.25	85.56
		For >1,000, Deduct	*-19.01*	
		For Class 4, Add	*24.51*	
		For Class 5, Add	*51.60*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	459.11	99.25
		For >1,000, Deduct	*-22.96*	
		For Class 4, Add	*30.15*	
		For Class 5, Add	*63.46*	
33 42 11 00-0015	LF	66" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	706.95	110.00
		For >1,000, Deduct	*-35.35*	
		For Class 4, Add	*52.30*	
		For Class 5, Add	*110.10*	
33 42 11 00-0016	LF	72" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	824.67	119.78
		For >1,000, Deduct	*-41.23*	
		For Class 4, Add	*62.09*	
		For Class 5, Add	*130.71*	
33 42 11 00-0017	LF	78" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	991.53	134.45
		For >1,000, Deduct	*-49.58*	
		For Class 4, Add	*75.91*	
		For Class 5, Add	*159.80*	
33 42 11 00-0018	LF	84" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	1,276.84	149.73
		For >1,000, Deduct	*-63.84*	
		For Class 4, Add	*100.98*	
		For Class 5, Add	*212.59*	

33 42 11 00-0019 HE-I Elliptical Reinforced Concrete Piping Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0020	LF	12" x 18" Elliptical Reinforced Concrete Pipe Without Gaskets (15" Diameter Equivalent Round Size)	92.74	30.39
		For >1,000, Deduct	*-4.64*	
		For Horizontal Elliptical - II (HE- II), Add	*4.93*	
		For Horizontal Elliptical - III (HE- III), Add	*10.85*	
		For Horizontal Elliptical - IV (HE- IV), Add	*23.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0021	LF	14" x 23" Elliptical Reinforced Concrete Pipe Without Gaskets (18" Diameter Equivalent Round Size)	138.93	35.66
		For >1,000, Deduct	*-6.95*	
		For Horizontal Elliptical - II (HE- II), Add	*8.80*	
		For Horizontal Elliptical - III (HE- III), Add	*19.36*	
		For Horizontal Elliptical - IV (HE- IV), Add	*42.24*	
33 42 11 00-0022	LF	19" x 30" Elliptical Reinforced Concrete Pipe Without Gaskets (24" Diameter Equivalent Round Size)	193.15	54.62
		For >1,000, Deduct	*-9.66*	
		For Horizontal Elliptical - II (HE- II), Add	*11.51*	
		For Horizontal Elliptical - III (HE- III), Add	*25.33*	
		For Horizontal Elliptical - IV (HE- IV), Add	*55.26*	
33 42 11 00-0023	LF	22" x 34" Elliptical Reinforced Concrete Pipe Without Gaskets (27" Diameter Equivalent Round Size)	227.65	69.27
		For >1,000, Deduct	*-11.38*	
		For Horizontal Elliptical - II (HE- II), Add	*12.87*	
		For Horizontal Elliptical - III (HE- III), Add	*28.31*	
		For Horizontal Elliptical - IV (HE- IV), Add	*61.77*	
33 42 11 00-0024	LF	24" x 38" Elliptical Reinforced Concrete Pipe Without Gaskets (30" Diameter Equivalent Round Size)	241.62	72.37
		For >1,000, Deduct	*-12.08*	
		For Horizontal Elliptical - II (HE- II), Add	*13.82*	
		For Horizontal Elliptical - III (HE- III), Add	*30.41*	
		For Horizontal Elliptical - IV (HE- IV), Add	*66.35*	
33 42 11 00-0025	LF	27" x 42" Elliptical Reinforced Concrete Pipe Without Gaskets (33" Diameter Equivalent Round Size)	277.25	76.42
		For >1,000, Deduct	*-13.86*	
		For Horizontal Elliptical - II (HE- II), Add	*16.81*	
		For Horizontal Elliptical - III (HE- III), Add	*36.98*	
		For Horizontal Elliptical - IV (HE- IV), Add	*80.68*	
33 42 11 00-0026	LF	29" x 45" Elliptical Reinforced Concrete Pipe Without Gaskets (36" Diameter Equivalent Round Size)	312.88	80.45
		For >1,000, Deduct	*-15.64*	
		For Horizontal Elliptical - II (HE- II), Add	*19.80*	
		For Horizontal Elliptical - III (HE- III), Add	*43.55*	
		For Horizontal Elliptical - IV (HE- IV), Add	*95.02*	
33 42 11 00-0027	LF	34" x 53" Elliptical Reinforced Concrete Pipe Without Gaskets (42" Diameter Equivalent Round Size)	381.12	88.53
		For >1,000, Deduct	*-19.06*	
		For Horizontal Elliptical - II (HE- II), Add	*25.47*	
		For Horizontal Elliptical - III (HE- III), Add	*56.02*	
		For Horizontal Elliptical - IV (HE- IV), Add	*122.23*	
33 42 11 00-0028	LF	38" x 60" Elliptical Reinforced Concrete Pipe Without Gaskets (48" Diameter Equivalent Round Size)	459.07	99.57
		For >1,000, Deduct	*-22.95*	
		For Horizontal Elliptical - II (HE- II), Add	*31.68*	
		For Horizontal Elliptical - III (HE- III), Add	*69.70*	
		For Horizontal Elliptical - IV (HE- IV), Add	*152.07*	
33 42 11 00-0029	LF	43" x 68" Elliptical Reinforced Concrete Pipe Without Gaskets (54" Diameter Equivalent Round Size)	522.58	113.79
		For >1,000, Deduct	*-26.13*	
		For Horizontal Elliptical - II (HE- II), Add	*36.00*	
		For Horizontal Elliptical - III (HE- III), Add	*79.20*	
		For Horizontal Elliptical - IV (HE- IV), Add	*172.81*	
33 42 11 00-0030	LF	48" x 76" Elliptical Reinforced Concrete Pipe Without Gaskets (60" Diameter Equivalent Round Size)	647.02	132.01
		For >1,000, Deduct	*-32.35*	
		For Horizontal Elliptical - II (HE- II), Add	*45.84*	
		For Horizontal Elliptical - III (HE- III), Add	*100.86*	
		For Horizontal Elliptical - IV (HE- IV), Add	*220.05*	
33 42 11 00-0031	LF	53" x 83" Elliptical Reinforced Concrete Pipe without Gaskets (66" Diameter Equivalent Round Size)	738.37	145.45
33 42 11 00-0032	LF	58" x 91" Elliptical Reinforced Concrete Pipe without Gaskets (72" Diameter Equivalent Round Size)	895.10	158.90
33 42 11 00-0033	LF	63" x 98" Elliptical Reinforced Concrete Pipe without Gaskets (78" Diameter Equivalent Round Size)	1,069.03	179.68
33 42 11 00-0034	LF	68" x 106" Elliptical Reinforced Concrete Pipe without Gaskets (84" Diameter Equivalent Round Size)	1,157.38	199.23
33 42 11 00-0035	LF	72" x 113" Elliptical Reinforced Concrete Pipe without Gaskets (90" Diameter Equivalent Round Size)	1,481.40	209.01
33 42 11 00-0036	LF	77" x 121" Elliptical Reinforced Concrete Pipe without Gaskets (96" Diameter Equivalent Round Size)	1,716.41	218.79

33 42 11 00-0037 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0038	EA	12" Concrete Reducing Wye Without Gaskets	702.00	73.62
33 42 11 00-0039	EA	15" Concrete Reducing Wye Without Gaskets	841.88	89.72
33 42 11 00-0040	EA	18" Concrete Reducing Wye Without Gaskets	1,040.15	98.93
33 42 11 00-0041	EA	21" Concrete Reducing Wye Without Gaskets	1,193.87	121.93
33 42 11 00-0042	EA	24" Concrete Reducing Wye Without Gaskets	1,349.36	147.25

33 42 11 00-0043 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0044	EA	12" Diameter Concrete Pipe Joint Gasket	6.70	
33 42 11 00-0045	EA	15" Diameter Concrete Pipe Joint Gasket	7.92	
33 42 11 00-0046	EA	18" Diameter Concrete Pipe Joint Gasket	9.18	
33 42 11 00-0047	EA	21" Diameter Concrete Pipe Joint Gasket	11.09	
33 42 11 00-0048	EA	24" Diameter Concrete Pipe Joint Gasket	12.99	
33 42 11 00-0049	EA	27" Diameter Concrete Pipe Joint Gasket	14.48	
33 42 11 00-0050	EA	30" Diameter Concrete Pipe Joint Gasket	15.91	
33 42 11 00-0051	EA	36" Diameter Concrete Pipe Joint Gasket	19.44	
33 42 11 00-0052	EA	42" Diameter Concrete Pipe Joint Gasket	22.53	
33 42 11 00-0053	EA	48" Diameter Concrete Pipe Joint Gasket	25.99	
33 42 11 00-0054	EA	54" Diameter Concrete Pipe Joint Gasket	31.86	
33 42 11 00-0055	EA	60" Diameter Concrete Pipe Joint Gasket	47.16	
33 42 11 00-0056	EA	66" Diameter Concrete Pipe Joint Gasket	49.02	
33 42 11 00-0057	EA	72" Diameter Concrete Pipe Joint Gasket	50.83	
33 42 11 00-0058	EA	78" Diameter Concrete Pipe Joint Gasket	58.54	
33 42 11 00-0059	EA	84" Diameter Concrete Pipe Joint Gasket	70.17	

33 42 11 00-0060 Couplings *(33 42 11 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0061		**Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings** *(33 42 11 00-0060)*		
		Note: For concrete to cast iron or plastic pipe. Includes stainless steel clamps. Fernco 1006.		
33 42 11 00-0062	EA	4" x 3" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	39.52	
33 42 11 00-0063	EA	4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	36.69	
33 42 11 00-0064	EA	6" x 4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	61.14	
33 42 11 00-0065	EA	6" x 5" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	63.41	
33 42 11 00-0066	EA	6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	59.06	
33 42 11 00-0067	EA	8" x 6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	89.31	
33 42 11 00-0068	EA	8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	77.49	
33 42 11 00-0069	EA	10" x 8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	111.92	
33 42 11 00-0070	EA	10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	99.45	
33 42 11 00-0071	EA	12" x 10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	134.88	
33 42 11 00-0072	EA	12" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	113.28	
33 42 11 00-0073	EA	15" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	346.94	
33 42 11 00-0074		**Precast Concrete Cut Off Wall** *(33 42 11 00-0001)*		
33 42 11 00-0075	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	304.97	215.12
33 42 11 00-0076	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	376.26	266.46
33 42 11 00-0077	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	467.11	337.36
33 42 11 00-0078	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	553.04	403.35
33 42 11 00-0079	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	636.44	466.80
33 42 11 00-0080	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	786.07	596.48
33 42 11 00-0081	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,031.09	821.38
33 42 11 00-0082	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,286.29	1,036.50
33 42 11 00-0083	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,589.78	1,300.28
33 42 11 00-0084	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,780.02	1,465.54
33 42 11 00-0085	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,987.79	1,642.76
33 42 11 00-0086	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,198.66	1,824.88
33 42 11 00-0087	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,284.52	1,894.56
33 42 11 00-0088	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,360.00	1,955.67
33 42 11 00-0089	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,435.50	2,016.79
33 42 11 00-0090	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,512.78	2,077.90
33 42 11 00-0091		**Strap Assembly** *(33 42 11 00-0001)*		
		Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0092	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	262.01	
33 42 11 00-0093	EA	>24" Diameter Pipe, 12' Strap Assembly	369.56	
33 42 11 00-0094		**Prestressed Concrete Cylinder Piping** *(33 42 11)*		
		Note: Includes detectable tracer wire.		
33 42 11 00-0095		**150 PSI Prestressed Concrete Cylinder Pipe And Fittings** *(33 42 11 00-0094)*		
33 42 11 00-0096		**150 PSI Prestressed Concrete Cylinder Pipe With Gaskets** *(33 42 11 00-0095)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0097	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	157.69	19.33
		For >1,000, Deduct	*-7.88*	
		For 100 PSI, Deduct	*-32.52*	
33 42 11 00-0098	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	168.32	21.50
		For >1,000, Deduct	*-8.42*	
		For 100 PSI, Deduct	*-34.40*	
33 42 11 00-0099	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	183.44	26.81
		For >1,000, Deduct	*-9.17*	
		For 100 PSI, Deduct	*-36.29*	
33 42 11 00-0100	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	200.98	33.82
		For >1,000, Deduct	*-10.05*	
		For 100 PSI, Deduct	*-38.17*	
33 42 11 00-0101	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	218.86	41.07
		For >1,000, Deduct	*-10.94*	
		For 100 PSI, Deduct	*-40.05*	
33 42 11 00-0102	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	257.10	53.79
		For >1,000, Deduct	*-12.86*	
		For 100 PSI, Deduct	*-44.84*	
33 42 11 00-0103	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	284.96	61.11
		For >1,000, Deduct	*-14.25*	
		For 100 PSI, Deduct	*-49.64*	
33 42 11 00-0104	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	330.60	67.22
		For >1,000, Deduct	*-16.53*	
		For 100 PSI, Deduct	*-58.88*	
33 42 11 00-0105	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	379.43	74.87
		For >1,000, Deduct	*-18.97*	
		For 100 PSI, Deduct	*-68.12*	
33 42 11 00-0106	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	500.14	95.15
		For >1,000, Deduct	*-25.01*	
		For 100 PSI, Deduct	*-91.06*	
33 42 11 00-0107	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	602.67	110.37
		For >1,000, Deduct	*-30.13*	
		For 100 PSI, Deduct	*-111.25*	
33 42 11 00-0108	LF	66" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	677.18	122.33
		For >1,000, Deduct	*-33.86*	
		For 100 PSI, Deduct	*-125.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0109	LF	72" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	755.10	133.20
		For >1,000, Deduct	*-37.76*	
		For 100 PSI, Deduct	*-141.20*	
33 42 11 00-0110	LF	78" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	857.62	149.51
		For >1,000, Deduct	*-42.88*	
		For 100 PSI, Deduct	*-160.89*	
33 42 11 00-0111	LF	84" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	960.14	166.50
		For >1,000, Deduct	*-48.01*	
		For 100 PSI, Deduct	*-180.57*	
33 42 11 00-0112	LF	90" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,185.77	194.37
		For >1,000, Deduct	*-59.29*	
		For 100 PSI, Deduct	*-226.78*	
33 42 11 00-0113	LF	96" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,395.39	221.96
		For >1,000, Deduct	*-69.77*	
		For 100 PSI, Deduct	*-269.57*	
33 42 11 00-0114	LF	102" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,627.07	240.39
		For >1,000, Deduct	*-81.35*	
		For 100 PSI, Deduct	*-320.92*	
33 42 11 00-0115	LF	108" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,836.61	255.27
		For >1,000, Deduct	*-91.83*	
		For 100 PSI, Deduct	*-367.98*	
33 42 11 00-0116	LF	114" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,217.30	270.16
		For >1,000, Deduct	*-110.87*	
		For 100 PSI, Deduct	*-457.84*	
33 42 11 00-0117	LF	120" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,579.08	283.79
		For >1,000, Deduct	*-128.95*	
		For 100 PSI, Deduct	*-543.42*	
33 42 11 00-0118	LF	126" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,810.79	297.41
		For >1,000, Deduct	*-140.54*	
		For 100 PSI, Deduct	*-596.48*	
33 42 11 00-0119	LF	132" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	3,045.91	311.04
		For >1,000, Deduct	*-152.30*	
		For 100 PSI, Deduct	*-650.39*	
33 42 11 00-0120	LF	138" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	3,279.32	324.68
		For >1,000, Deduct	*-163.97*	
		For 100 PSI, Deduct	*-703.88*	
33 42 11 00-0121	LF	144" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	3,512.73	338.31
		For >1,000, Deduct	*-175.64*	
		For 100 PSI, Deduct	*-757.36*	

33 42 11 00-0122 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0095)*

33 42 11 00-0123	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	536.93	181.18
33 42 11 00-0124	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	743.58	258.83
33 42 11 00-0125	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	957.21	345.11
33 42 11 00-0126	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,170.84	431.38
33 42 11 00-0127	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,422.41	536.06
33 42 11 00-0128	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,820.53	718.96
33 42 11 00-0129	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,258.57	855.61
33 42 11 00-0130	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,630.49	998.62
33 42 11 00-0131	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,962.82	1,140.40
33 42 11 00-0132	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,646.39	1,423.97
33 42 11 00-0133	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,721.41	1,902.92
33 42 11 00-0134	EA	66" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,263.90	2,106.80
33 42 11 00-0135	EA	72" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,806.39	2,310.69
33 42 11 00-0136	EA	78" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	6,991.89	2,650.49
33 42 11 00-0137	EA	84" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,169.88	2,990.30
33 42 11 00-0138	EA	90" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	9,672.02	3,398.06
33 42 11 00-0139	EA	96" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	11,166.64	3,805.83
33 42 11 00-0140	EA	102" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	14,902.53	4,832.92
33 42 11 00-0141	EA	108" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	18,564.01	5,799.49
33 42 11 00-0142	EA	114" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	24,135.68	7,732.66
33 42 11 00-0143	EA	120" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	29,615.87	9,665.83
33 42 11 00-0144	EA	126" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	33,399.69	10,425.29
33 42 11 00-0145	EA	132" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	37,188.63	11,184.74
33 42 11 00-0146	EA	138" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	48,406.02	11,944.20
33 42 11 00-0147	EA	144" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	44,843.56	12,703.66

33 42 11 00-0148 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0095)*

33 42 11 00-0149	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	502.01	181.18
33 42 11 00-0150	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	698.40	258.83
33 42 11 00-0151	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	903.81	345.11
33 42 11 00-0152	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,109.22	431.38
33 42 11 00-0153	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,352.57	536.06
33 42 11 00-0154	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,724.69	670.65
33 42 11 00-0155	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,149.03	855.61
33 42 11 00-0156	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,503.84	998.62
33 42 11 00-0157	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,826.58	1,140.40
33 42 11 00-0158	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,450.03	1,423.97
33 42 11 00-0159	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,537.00	1,902.92
33 42 11 00-0160	EA	66" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,066.13	2,106.80
33 42 11 00-0161	EA	72" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,595.26	2,310.69
33 42 11 00-0162	EA	78" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	6,499.07	2,650.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0163	EA	84" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	7,395.37	2,990.30
33 42 11 00-0164	EA	90" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,694.59	3,398.06
33 42 11 00-0165	EA	96" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	9,986.28	3,805.83
33 42 11 00-0166	EA	102" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	13,012.56	4,757.29
33 42 11 00-0167	EA	108" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	16,266.89	5,799.49
33 42 11 00-0168	EA	114" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	21,279.68	7,732.66
33 42 11 00-0169	EA	120" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	26,200.98	9,665.83
33 42 11 00-0170	EA	126" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	29,232.92	10,425.29
33 42 11 00-0171	EA	132" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	32,269.98	12,703.66
33 42 11 00-0172	EA	138" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	35,317.84	11,944.20
33 42 11 00-0173	EA	144" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	38,739.03	12,703.66

33 42 11 00-0174 400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0094)*

33 42 11 00-0175 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0174)*

Note: AWWA C301

33 42 11 00-0176	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	302.12	53.79
		For >1,000, Deduct	*-15.11*	
33 42 11 00-0177	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	368.10	61.11
		For >1,000, Deduct	*-18.41*	
33 42 11 00-0178	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	429.30	67.22
		For >1,000, Deduct	*-21.47*	

33 42 11 00-0179 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0174)*

Note: AWWA C301

33 42 11 00-0180	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	577.69	74.80
		For >1,000, Deduct	*-28.88*	
33 42 11 00-0181	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	690.43	95.15
		For >1,000, Deduct	*-34.52*	
33 42 11 00-0182	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	795.96	110.37
		For >1,000, Deduct	*-39.80*	
33 42 11 00-0183	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	896.04	122.33
		For >1,000, Deduct	*-44.80*	
33 42 11 00-0184	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	1,084.96	133.20
		For >1,000, Deduct	*-54.25*	

33 42 11 00-0185 Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0174)*

Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

33 42 11 00-0186	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	2,005.34
33 42 11 00-0187	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	2,153.88
33 42 11 00-0188	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	2,228.15
33 42 11 00-0189	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	2,525.24
33 42 11 00-0190	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	2,599.51
33 42 11 00-0191	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	2,748.05
33 42 11 00-0192	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	2,822.32
33 42 11 00-0193	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	2,896.60
33 42 11 00-0194	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,713.58
33 42 11 00-0195	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,713.58
33 42 11 00-0196	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,233.49
33 42 11 00-0197	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,233.49
33 42 11 00-0198	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,530.57
33 42 11 00-0199	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,530.57
33 42 11 00-0200	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,901.93
33 42 11 00-0201	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,901.93

33 42 11 00-0202 Quick Test Joints *(33 42 11 00-0174)*

33 42 11 00-0203	EA	30" Quick Test Joint	644.91
33 42 11 00-0204	EA	36" Quick Test Joint	651.02
33 42 11 00-0205	EA	42" Quick Test Joint	657.13
33 42 11 00-0206	EA	48" Quick Test Joint	670.78
33 42 11 00-0207	EA	54" Quick Test Joint	700.62
33 42 11 00-0208	EA	60" Quick Test Joint	726.76
33 42 11 00-0209	EA	66" Quick Test Joint	765.46
33 42 11 00-0210	EA	72" Quick Test Joint	804.15

33 42 11 00-0211 Harnessed Joints *(33 42 11 00-0174)*

33 42 11 00-0212 Harness Clamp Restrained Joints *(33 42 11 00-0211)*

33 42 11 00-0213	EA	30" Harness Clamp Restrained Joint	12,632.56
33 42 11 00-0214	EA	36" Harness Clamp Restrained Joint	13,120.77
33 42 11 00-0215	EA	42" Harness Clamp Restrained Joint	13,608.99
33 42 11 00-0216	EA	48" Harness Clamp Restrained Joint	14,097.21
33 42 11 00-0217	EA	54" Harness Clamp Restrained Joint	14,599.12
33 42 11 00-0218	EA	60" Harness Clamp Restrained Joint	15,335.87
33 42 11 00-0219	EA	66" Harness Clamp Restrained Joint	15,831.58
33 42 11 00-0220	EA	72" Harness Clamp Restrained Joint	16,954.02

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0221		Snap Ring Restrained Joints *(33 42 11 00-0211)*		
33 42 11 00-0222	EA	30" Snap Ring Restrained Joint	2,026.21	
33 42 11 00-0223	EA	36" Snap Ring Restrained Joint	2,321.58	
33 42 11 00-0224	EA	42" Snap Ring Restrained Joint	3,147.27	
33 42 11 00-0225	EA	48" Snap Ring Restrained Joint	3,587.28	
33 42 11 00-0226	EA	54" Snap Ring Restrained Joint	4,040.99	
33 42 11 00-0227	EA	60" Snap Ring Restrained Joint	4,584.89	
33 42 11 00-0228	EA	66" Snap Ring Restrained Joint	5,080.60	
33 42 11 00-0229	EA	72" Snap Ring Restrained Joint	5,672.72	
33 42 11 00-0230		Pipe Repairs *(33 42 11 00-0174)* Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
33 42 11 00-0231		Lined Cylinder Pipe Repair *(33 42 11 00-0230)*		
33 42 11 00-0232	EA	30" Lined Cylinder Pipe Repair	6,693.29	
33 42 11 00-0233	EA	36" Lined Cylinder Pipe Repair	8,283.96	
33 42 11 00-0234	EA	42" Lined Cylinder Pipe Repair	11,593.49	
33 42 11 00-0235		Embedded Cylinder Pipe Repair *(33 42 11 00-0230)* Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0236	EA	48" Embedded Cylinder Pipe Repair	17,291.97	
33 42 11 00-0237	EA	54" Embedded Cylinder Pipe Repair	20,084.87	
33 42 11 00-0238	EA	60" Embedded Cylinder Pipe Repair	22,898.19	
33 42 11 00-0239	EA	66" Embedded Cylinder Pipe Repair	25,870.88	
33 42 11 00-0240	EA	72" Embedded Cylinder Pipe Repair	31,125.72	
33 42 11 00-0241		Tapping For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0094)*		
33 42 11 00-0242		Tapping Assembly For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0241)* Note: For use with lock-joint style pipe.		
33 42 11 00-0243	EA	4" Tapping Assembly, 16" Diameter Prestressed Concrete Cylinder Pipe	3,184.76	
33 42 11 00-0244	EA	6" Tapping Assembly, 16" Diameter Prestressed Concrete Cylinder Pipe	3,278.40	
33 42 11 00-0245	EA	8" Tapping Assembly, 16" Diameter Prestressed Concrete Cylinder Pipe	3,739.73	
33 42 11 00-0246	EA	10" Tapping Assembly, 16" Diameter Prestressed Concrete Cylinder Pipe	4,228.96	
33 42 11 00-0247	EA	12" Tapping Assembly, 16" Diameter Prestressed Concrete Cylinder Pipe	4,553.12	
33 42 11 00-0248	EA	4" Tapping Assembly, 20" Diameter Prestressed Concrete Cylinder Pipe	3,249.28	
33 42 11 00-0249	EA	6" Tapping Assembly, 20" Diameter Prestressed Concrete Cylinder Pipe	3,578.66	
33 42 11 00-0250	EA	8" Tapping Assembly, 20" Diameter Prestressed Concrete Cylinder Pipe	3,737.61	
33 42 11 00-0251	EA	10" Tapping Assembly, 20" Diameter Prestressed Concrete Cylinder Pipe	4,382.54	
33 42 11 00-0252	EA	12" Tapping Assembly, 20" Diameter Prestressed Concrete Cylinder Pipe	5,581.50	
33 42 11 00-0253	EA	4" Tapping Assembly, 24" Diameter Prestressed Concrete Cylinder Pipe	3,284.38	
33 42 11 00-0254	EA	6" Tapping Assembly, 24" Diameter Prestressed Concrete Cylinder Pipe	3,497.77	
33 42 11 00-0255	EA	8" Tapping Assembly, 24" Diameter Prestressed Concrete Cylinder Pipe	4,001.22	
33 42 11 00-0256	EA	10" Tapping Assembly, 24" Diameter Prestressed Concrete Cylinder Pipe	5,065.94	
33 42 11 00-0257	EA	12" Tapping Assembly, 24" Diameter Prestressed Concrete Cylinder Pipe	5,034.72	
33 42 11 00-0258	EA	6" Tapping Assembly, 30" Diameter Prestressed Concrete Cylinder Pipe	30,549.91	
33 42 11 00-0259	EA	8" Tapping Assembly, 30" Diameter Prestressed Concrete Cylinder Pipe	4,341.70	
33 42 11 00-0260		Tapping Assembly And Gland Insert For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0241)* Note: For use with lock-joint style pipe.		
33 42 11 00-0261	EA	3/4" Tap Assembly And Gland Insert For 16" Diameter Prestressed Concrete Cylinder Pipe	757.70	
33 42 11 00-0262	EA	1" Tap Assembly And Gland Insert For 16" Diameter Prestressed Concrete Cylinder Pipe	793.75	
33 42 11 00-0263	EA	1-1/4" Tap Assembly And Gland Insert For 16" Diameter Prestressed Concrete Cylinder Pipe	873.56	
33 42 11 00-0264	EA	1-1/2" Tap Assembly And Gland Insert For 16" Diameter Prestressed Concrete Cylinder Pipe	804.87	
33 42 11 00-0265	EA	2" Tap Assembly And Gland Insert For 16" Diameter Prestressed Concrete Cylinder Pipe	805.03	
33 42 11 00-0266	EA	3/4" Tap Assembly And Gland Insert For 20" Diameter Prestressed Concrete Cylinder Pipe	804.92	
33 42 11 00-0267	EA	1" Tap Assembly And Gland Insert For 20" Diameter Prestressed Concrete Cylinder Pipe	878.45	
33 42 11 00-0268	EA	1-1/2" Tap Assembly And Gland Insert For 20" Diameter Prestressed Concrete Cylinder Pipe	840.07	
33 42 11 00-0269	EA	2" Tap Assembly And Gland Insert For 20" Diameter Prestressed Concrete Cylinder Pipe	840.07	
33 42 11 00-0270	EA	1" Tap Assembly And Gland Insert For 24" Diameter Prestressed Concrete Cylinder Pipe	917.20	
33 42 11 00-0271	EA	1-1/4" Tap Assembly And Gland Insert For 24" Diameter Prestressed Concrete Cylinder Pipe	937.94	
33 42 11 00-0272	EA	1-1/2" Tap Assembly And Gland Insert For 24" Diameter Prestressed Concrete Cylinder Pipe	945.16	
33 42 11 00-0273	EA	2" Tap Assembly And Gland Insert For 24" Diameter Prestressed Concrete Cylinder Pipe	953.44	
33 42 11 00-0274		High-Density Polyethylene (HDPE) Drainage Piping *(33 42 11)* Note: Includes detectable tracer wire.		
33 42 11 00-0275		Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0274)* Note: Excludes couplings and gaskets.		
33 42 11 00-0276		Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0275)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0277	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	17.64	7.84
		For <100, Add	*3.14*	
		For >1,000, Deduct	*-1.67*	
33 42 11 00-0278	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	23.21	9.12
		For <100, Add	*3.65*	
		For >1,000, Deduct	*-2.07*	
33 42 11 00-0279	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	28.66	10.60
		For <100, Add	*4.24*	
		For >1,000, Deduct	*-2.49*	
33 42 11 00-0280	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	32.71	10.98
		For <100, Add	*4.39*	
		For >1,000, Deduct	*-2.73*	
33 42 11 00-0281	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	34.40	11.36
		For <100, Add	*4.54*	
		For >1,000, Deduct	*-2.86*	
33 42 11 00-0282	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	39.19	11.76
		For <100, Add	*4.70*	
		For >1,000, Deduct	*-3.14*	
33 42 11 00-0283	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	47.76	12.19
		For <100, Add	*4.88*	
		For >1,000, Deduct	*-3.61*	
33 42 11 00-0284	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	65.79	14.28
		For <100, Add	*5.71*	
		For >1,000, Deduct	*-4.72*	
33 42 11 00-0285	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	93.45	19.22
		For <100, Add	*7.69*	
		For >1,000, Deduct	*-6.60*	
33 42 11 00-0286	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	122.94	24.30
		For <100, Add	*9.72*	
		For >1,000, Deduct	*-8.58*	

33 42 11 00-0287 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0275)*

33 42 11 00-0288	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	34.20	11.36
		For <100, Add	*4.54*	
		For >1,000, Deduct	*-2.85*	
33 42 11 00-0289	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	40.02	11.76
		For <100, Add	*4.70*	
		For >1,000, Deduct	*-3.18*	
33 42 11 00-0290	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	49.00	12.19
		For <100, Add	*4.88*	
		For >1,000, Deduct	*-3.67*	
33 42 11 00-0291	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	67.75	14.28
		For <100, Add	*5.71*	
		For >1,000, Deduct	*-4.82*	
33 42 11 00-0292	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	98.81	19.22
		For <100, Add	*7.69*	
		For >1,000, Deduct	*-6.86*	
33 42 11 00-0293	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	126.92	24.30
		For <100, Add	*9.72*	
		For >1,000, Deduct	*-8.78*	
33 42 11 00-0294	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	166.09	26.51
		For <100, Add	*10.60*	
		For >1,000, Deduct	*-10.96*	
33 42 11 00-0295	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	181.00	29.91
		For <100, Add	*11.96*	
		For >1,000, Deduct	*-12.04*	

33 42 11 00-0296 Perforated, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0274)*

Note: Excludes couplings and gaskets.

33 42 11 00-0297 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0296)*

33 42 11 00-0298	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	18.67	7.84
		For <100, Add	*3.14*	
		For >1,000, Deduct	*-1.72*	
33 42 11 00-0299	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	23.25	9.12
		For <100, Add	*3.65*	
		For >1,000, Deduct	*-2.07*	
33 42 11 00-0300	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	28.66	10.60
		For <100, Add	*4.24*	
		For >1,000, Deduct	*-2.49*	
33 42 11 00-0301	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	32.74	10.98
		For <100, Add	*4.39*	
		For >1,000, Deduct	*-2.73*	
33 42 11 00-0302	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	34.40	11.36
		For <100, Add	*4.54*	
		For >1,000, Deduct	*-2.86*	
33 42 11 00-0303	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	39.23	11.76
		For <100, Add	*4.70*	
		For >1,000, Deduct	*-3.14*	
33 42 11 00-0304	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	47.79	12.19
		For <100, Add	*4.88*	
		For >1,000, Deduct	*-3.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0305	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	65.79	14.28
		For <100, Add	*5.71*	
		For >1,000, Deduct	*-4.72*	
33 42 11 00-0306	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	93.79	19.22
		For <100, Add	*7.69*	
		For >1,000, Deduct	*-6.61*	
33 42 11 00-0307	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	122.94	24.30
		For <100, Add	*9.72*	
		For >1,000, Deduct	*-8.58*	

33 42 11 00-0308 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping *(33 42 11 00-0296)*

33 42 11 00-0309	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	34.23	11.36
		For <100, Add	*4.54*	
		For >1,000, Deduct	*-2.85*	
33 42 11 00-0310	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	40.05	11.76
		For <100, Add	*4.70*	
		For >1,000, Deduct	*-3.18*	
33 42 11 00-0311	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	49.03	12.19
		For <100, Add	*4.88*	
		For >1,000, Deduct	*-3.67*	
33 42 11 00-0312	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	67.75	14.28
		For <100, Add	*5.71*	
		For >1,000, Deduct	*-4.82*	
33 42 11 00-0313	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	98.81	19.22
		For <100, Add	*7.69*	
		For >1,000, Deduct	*-6.86*	
33 42 11 00-0314	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	126.92	24.30
		For <100, Add	*9.72*	
		For >1,000, Deduct	*-8.78*	
33 42 11 00-0315	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	166.09	26.51
		For <100, Add	*10.60*	
		For >1,000, Deduct	*-10.96*	
33 42 11 00-0316	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe	181.00	29.91
		For <100, Add	*11.96*	
		For >1,000, Deduct	*-12.04*	

33 42 11 00-0317 Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0274)*

Note: Excludes couplings and gaskets.

33 42 11 00-0318 Tees, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) *(33 42 11 00-0317)*

33 42 11 00-0319	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	56.41	26.69
33 42 11 00-0320	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	69.14	31.14
33 42 11 00-0321	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	102.57	37.82
33 42 11 00-0322	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	148.50	46.71
33 42 11 00-0323	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	221.17	55.62
33 42 11 00-0324	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	307.94	72.67
33 42 11 00-0325	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	438.05	97.86
33 42 11 00-0326	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	551.09	111.71
33 42 11 00-0327	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	915.50	129.02
33 42 11 00-0328	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	1,163.69	149.04
33 42 11 00-0329	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	1,886.33	177.95
33 42 11 00-0330	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	2,358.92	211.32

33 42 11 00-0331 Wyes, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) *(33 42 11 00-0317)*

33 42 11 00-0332	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	73.65	26.69
33 42 11 00-0333	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	88.05	31.14
33 42 11 00-0334	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	114.51	37.82
33 42 11 00-0335	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	161.66	46.71
33 42 11 00-0336	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	263.53	55.62
33 42 11 00-0337	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	294.95	72.67
33 42 11 00-0338	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	412.77	97.86

33 42 11 00-0339 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) *(33 42 11 00-0317)*

33 42 11 00-0340	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	35.44	17.80
33 42 11 00-0341	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	42.87	20.77
33 42 11 00-0342	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	58.83	25.21
33 42 11 00-0343	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	73.61	31.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0344	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	100.87	37.07
33 42 11 00-0345	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	151.24	47.46
33 42 11 00-0346	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	202.17	65.25
33 42 11 00-0347	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	347.41	74.15
33 42 11 00-0348	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	470.29	86.01
33 42 11 00-0349	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	550.07	99.36
33 42 11 00-0350	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	696.88	118.63
33 42 11 00-0351	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	927.85	140.88

33 42 11 00-0352 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) *(33 42 11 00-0317)*

33 42 11 00-0353	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	37.33	17.80
33 42 11 00-0354	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	46.79	20.77
33 42 11 00-0355	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	60.84	25.21
33 42 11 00-0356	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	89.93	31.14
33 42 11 00-0357	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	100.87	37.07
33 42 11 00-0358	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	150.91	47.46
33 42 11 00-0359	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	228.48	65.25
33 42 11 00-0360	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	367.74	74.15
33 42 11 00-0361	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	471.25	86.01
33 42 11 00-0362	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	593.88	99.36
33 42 11 00-0363	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	865.98	118.63
33 42 11 00-0364	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE)	1,079.42	140.88

33 42 11 00-0365 Couplings And End Caps, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0274)*

Note: For single and double wall high-density polyethylene (HDPE) piping.

33 42 11 00-0366 Couplings, Corrugated High-Density Polyethylene (HDPE) Pipe *(33 42 11 00-0365)*

33 42 11 00-0367	EA	4" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	1.12
33 42 11 00-0368	EA	6" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	2.02
33 42 11 00-0369	EA	8" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	3.11
33 42 11 00-0370	EA	10" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	3.82
33 42 11 00-0371	EA	12" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	4.11
33 42 11 00-0372	EA	15" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	5.85
33 42 11 00-0373	EA	18" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	8.65
33 42 11 00-0374	EA	24" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	13.78
33 42 11 00-0375	EA	30" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	21.15
33 42 11 00-0376	EA	36" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	27.68
33 42 11 00-0377	EA	42" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	43.51
33 42 11 00-0378	EA	48" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe	58.85

33 42 11 00-0379 Self-Adhering Gaskets, Corrugated High-Density Polyethylene (HDPE) Pipe *(33 42 11 00-0365)*

33 42 11 00-0380	EA	4" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	59.59
33 42 11 00-0381	EA	6" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	62.39
33 42 11 00-0382	EA	8" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	65.33
33 42 11 00-0383	EA	10" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	68.40
33 42 11 00-0384	EA	12" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	81.13
33 42 11 00-0385	EA	15" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	83.76
33 42 11 00-0386	EA	18" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	87.36
33 42 11 00-0387	EA	24" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	99.51
33 42 11 00-0388	EA	30" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	159.52
33 42 11 00-0389	EA	36" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	174.73
33 42 11 00-0390	EA	42" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	190.38
33 42 11 00-0391	EA	48" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe	231.22

33 42 11 00-0392 End Caps, Corrugated High-Density Polyethylene (HDPE) Pipe *(33 42 11 00-0365)*

33 42 11 00-0393	EA	6" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	36.57
33 42 11 00-0394	EA	8" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	42.71
33 42 11 00-0395	EA	10" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	67.94
33 42 11 00-0396	EA	12" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	114.07
33 42 11 00-0397	EA	15" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	132.47
33 42 11 00-0398	EA	18" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	178.35
33 42 11 00-0399	EA	24" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe	185.13

33 42 11 00-0400 Vitrified Clay Piping *(33 42 11)*

33 42 11 00-0401 Extra Strength Vitrified Clay Piping *(33 42 11 00-0400)*

33 42 11 00-0402 Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0401)*

Note: ASTM C700.

33 42 11 00-0403	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	23.56
		For 3' Lengths, Add	*2.03*
		For 2' Lengths, Add	*2.70*
		For Standard Strength, Deduct	*-0.68*
		For >1,000, Deduct	*-1.18*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0404	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	39.13	
		For 3' Lengths, Add	*3.14*	
		For 2' Lengths, Add	*4.19*	
		For Standard Strength, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.96*	
33 42 11 00-0405	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	46.81	
		For 3' Lengths, Add	*4.49*	
		For 2' Lengths, Add	*5.99*	
		For Standard Strength, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.34*	
33 42 11 00-0406	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	56.09	
		For 3' Lengths, Add	*6.88*	
		For 2' Lengths, Add	*9.18*	
		For Standard Strength, Deduct	*-2.29*	
		For >1,000, Deduct	*-2.80*	
33 42 11 00-0407	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	68.55	
		For 3' Lengths, Add	*9.72*	
		For 2' Lengths, Add	*12.96*	
		For Standard Strength, Deduct	*-3.24*	
		For >1,000, Deduct	*-3.43*	
33 42 11 00-0408	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	100.98	
		For 3' Lengths, Add	*18.22*	
		For 2' Lengths, Add	*24.30*	
		For Standard Strength, Deduct	*-6.07*	
		For >1,000, Deduct	*-5.05*	
33 42 11 00-0409	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	137.23	
		For 3' Lengths, Add	*26.12*	
		For 2' Lengths, Add	*34.82*	
		For Standard Strength, Deduct	*-8.71*	
		For >1,000, Deduct	*-6.86*	
33 42 11 00-0410	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	202.75	
		For 3' Lengths, Add	*41.84*	
		For 2' Lengths, Add	*55.79*	
		For Standard Strength, Deduct	*-13.95*	
		For >1,000, Deduct	*-10.14*	
33 42 11 00-0411	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	259.06	
		For 3' Lengths, Add	*54.66*	
		For 2' Lengths, Add	*72.88*	
		For Standard Strength, Deduct	*-18.22*	
		For >1,000, Deduct	*-12.95*	
33 42 11 00-0412	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	320.51	
		For 3' Lengths, Add	*68.16*	
		For 2' Lengths, Add	*90.88*	
		For Standard Strength, Deduct	*-22.72*	
		For >1,000, Deduct	*-16.03*	
33 42 11 00-0413	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	387.76	
		For 3' Lengths, Add	*82.33*	
		For 2' Lengths, Add	*109.78*	
		For Standard Strength, Deduct	*-27.44*	
		For >1,000, Deduct	*-19.39*	

33 42 11 00-0414 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0401)*

Note: ASTM C425.

33 42 11 00-0415	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	33.42	
		For 3' Lengths, Add	*2.39*	
		For 2' Lengths, Add	*3.18*	
		For Standard Strength, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.67*	
33 42 11 00-0416	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	41.65	
		For 3' Lengths, Add	*3.90*	
		For 2' Lengths, Add	*5.20*	
		For Standard Strength, Deduct	*-1.30*	
		For >1,000, Deduct	*-2.08*	
33 42 11 00-0417	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	50.19	
		For 3' Lengths, Add	*5.51*	
		For 2' Lengths, Add	*7.34*	
		For Standard Strength, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.51*	
33 42 11 00-0418	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	63.29	
		For 3' Lengths, Add	*9.04*	
		For 2' Lengths, Add	*12.06*	
		For Standard Strength, Deduct	*-3.01*	
		For >1,000, Deduct	*-3.16*	
33 42 11 00-0419	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	75.75	
		For 3' Lengths, Add	*11.88*	
		For 2' Lengths, Add	*15.84*	
		For Standard Strength, Deduct	*-3.96*	
		For >1,000, Deduct	*-3.79*	
33 42 11 00-0420	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	112.45	
		For 3' Lengths, Add	*21.66*	
		For 2' Lengths, Add	*28.88*	
		For Standard Strength, Deduct	*-7.22*	
		For >1,000, Deduct	*-5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0421	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	155.91	
		For 3' Lengths, Add	*31.72*	
		For 2' Lengths, Add	*42.29*	
		For Standard Strength, Deduct	*-10.57*	
		For >1,000, Deduct	*-7.80*	
33 42 11 00-0422	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	224.12	
		For 3' Lengths, Add	*48.25*	
		For 2' Lengths, Add	*64.34*	
		For Standard Strength, Deduct	*-16.08*	
		For >1,000, Deduct	*-11.21*	
33 42 11 00-0423	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	292.80	
		For 3' Lengths, Add	*64.79*	
		For 2' Lengths, Add	*86.38*	
		For Standard Strength, Deduct	*-21.60*	
		For >1,000, Deduct	*-14.64*	
33 42 11 00-0424	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	468.97	
		For 3' Lengths, Add	*112.70*	
		For 2' Lengths, Add	*150.26*	
		For Standard Strength, Deduct	*-37.57*	
		For >1,000, Deduct	*-23.45*	
33 42 11 00-0425	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	666.69	
		For 3' Lengths, Add	*166.01*	
		For 2' Lengths, Add	*221.35*	
		For Standard Strength, Deduct	*-55.34*	
		For >1,000, Deduct	*-33.33*	

33 42 11 00-0426 Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0400)*

33 42 11 00-0427 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0426)*

33 42 11 00-0428 Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0427)*

33 42 11 00-0429	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	98.60
33 42 11 00-0430	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	133.15
33 42 11 00-0431	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	190.31
33 42 11 00-0432	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	261.50
33 42 11 00-0433	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	345.51
33 42 11 00-0434	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	825.39
33 42 11 00-0435	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,164.19
33 42 11 00-0436	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,816.50
33 42 11 00-0437	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,096.49
33 42 11 00-0438	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,434.50
33 42 11 00-0439	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	3,652.39

33 42 11 00-0440 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0427)*

33 42 11 00-0441	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	111.45
33 42 11 00-0442	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	158.49
33 42 11 00-0443	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	214.71
33 42 11 00-0444	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	287.63
33 42 11 00-0445	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	365.13
33 42 11 00-0446	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	925.91
33 42 11 00-0447	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,347.04
33 42 11 00-0448	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,384.80
33 42 11 00-0449	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,684.85
33 42 11 00-0450	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,990.05
33 42 11 00-0451	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	4,440.52

33 42 11 00-0452 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0426)*

33 42 11 00-0453 Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0452)*

33 42 11 00-0454	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	115.40
33 42 11 00-0455	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	153.40
33 42 11 00-0456	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	213.99
33 42 11 00-0457	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	287.17
33 42 11 00-0458	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	374.44
33 42 11 00-0459	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	857.57
33 42 11 00-0460	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,204.33
33 42 11 00-0461	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,867.13
33 42 11 00-0462	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,157.97
33 42 11 00-0463	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,511.16
33 42 11 00-0464	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,737.63

33 42 11 00-0465 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0452)*

33 42 11 00-0466	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	131.62
33 42 11 00-0467	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	182.78
33 42 11 00-0468	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	243.12
33 42 11 00-0469	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	318.45
33 42 11 00-0470	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	399.84
33 42 11 00-0471	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	964.54
33 42 11 00-0472	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,395.21
33 42 11 00-0473	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,706.55
33 42 11 00-0474	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,758.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0475	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	3,082.05	
33 42 11 00-0476	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	4,542.79	

33 42 11 00-0477 Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0426)*

33 42 11 00-0478 Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0477)*

33 42 11 00-0479	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	126.86	
33 42 11 00-0480	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	165.56	
33 42 11 00-0481	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	224.90	
33 42 11 00-0482	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	296.97	
33 42 11 00-0483	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	375.35	
33 42 11 00-0484	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	866.32	
33 42 11 00-0485	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,212.22	
33 42 11 00-0486	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,751.31	
33 42 11 00-0487	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,436.88	
33 42 11 00-0488	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,579.38	
33 42 11 00-0489	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,709.09	

33 42 11 00-0490 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0477)*

33 42 11 00-0491	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	154.97	
33 42 11 00-0492	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	212.43	
33 42 11 00-0493	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	279.64	
33 42 11 00-0494	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	361.46	
33 42 11 00-0495	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	450.87	
33 42 11 00-0496	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,053.79	
33 42 11 00-0497	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,518.54	
33 42 11 00-0498	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,254.22	
33 42 11 00-0499	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,986.37	
33 42 11 00-0500	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,454.59	
33 42 11 00-0501	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,903.41	

33 42 11 00-0502 Vitrified Clay Couplings *(33 42 11 00-0400)*

33 42 11 00-0503 Vitrified Clay To Cast Iron Or Plastic Pipe Couplings *(33 42 11 00-0502)*

Note: Stainless steel tightening band at each end (Fernco #1002)

33 42 11 00-0504	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	37.03	
33 42 11 00-0505	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	36.69	
33 42 11 00-0506	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	50.19	
33 42 11 00-0507	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	47.41	
33 42 11 00-0508	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	61.14	
33 42 11 00-0509	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	63.55	
33 42 11 00-0510	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	58.23	
33 42 11 00-0511	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	83.58	
33 42 11 00-0512	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	77.49	
33 42 11 00-0513	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	108.86	
33 42 11 00-0514	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	99.45	
33 42 11 00-0515	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	134.88	
33 42 11 00-0516	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	113.28	
33 42 11 00-0517	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	226.40	
33 42 11 00-0518	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	174.90	

33 42 11 00-0519 Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings *(33 42 11 00-0502)*

Note: Stainless steel tightening band at each end. (NDS Non-shear)

33 42 11 00-0520	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	75.67	
33 42 11 00-0521	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	100.89	
33 42 11 00-0522	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	106.74	
33 42 11 00-0523	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	111.91	
33 42 11 00-0524	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	138.31	
33 42 11 00-0525	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	160.58	

33 42 11 00-0526 Vitrified Clay To Plastic Pipe Non-Shear Couplings *(33 42 11 00-0502)*

Note: Stainless steel tightening band at each end. (NDS Non-shear)

33 42 11 00-0527	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	77.63	
33 42 11 00-0528	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	102.85	
33 42 11 00-0529	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	94.13	
33 42 11 00-0530	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	123.64	
33 42 11 00-0531	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	179.36	
33 42 11 00-0532	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	202.74	

33 42 11 00-0533 Corrugated Metal Piping *(33 42 11)*

33 42 11 00-0534 Galvanized Corrugated Steel Piping *(33 42 11 00-0533)*

33 42 11 00-0535 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0534)*

33 42 11 00-0536 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0535)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0537	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	45.66	12.08
		For Bituminous Coated Pipe, Add	*4.98*	
		For Bituminous Coated And 25% Paved, Add	*10.18*	
		For Smooth-Flo, Add	*18.18*	
33 42 11 00-0538	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	51.86	12.65
		For Bituminous Coated Pipe, Add	*6.26*	
		For Bituminous Coated And 25% Paved, Add	*12.81*	
		For Smooth-Flo, Add	*22.88*	
33 42 11 00-0539	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	58.29	13.80
		For Bituminous Coated Pipe, Add	*7.59*	
		For Bituminous Coated And 25% Paved, Add	*15.52*	
		For Smooth-Flo, Add	*27.71*	
33 42 11 00-0540	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	66.56	14.95
		For Bituminous Coated Pipe, Add	*9.08*	
		For Bituminous Coated And 25% Paved, Add	*18.56*	
		For Smooth-Flo, Add	*33.15*	
33 42 11 00-0541	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	73.75	16.10
		For Bituminous Coated Pipe, Add	*10.21*	
		For Bituminous Coated And 25% Paved, Add	*20.89*	
		For Smooth-Flo, Add	*37.30*	
33 42 11 00-0542	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	97.22	20.71
		For Bituminous Coated Pipe, Add	*13.25*	
		For Bituminous Coated And 25% Paved, Add	*27.10*	
		For Smooth-Flo, Add	*48.40*	
33 42 11 00-0543	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	126.10	26.89
		For Bituminous Coated Pipe, Add	*16.71*	
		For Bituminous Coated And 25% Paved, Add	*34.18*	
		For Smooth-Flo, Add	*61.05*	
33 42 11 00-0544	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	143.95	31.78
		For Bituminous Coated Pipe, Add	*19.78*	
		For Bituminous Coated And 25% Paved, Add	*40.45*	
		For Smooth-Flo, Add	*72.24*	
33 42 11 00-0545	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	161.73	36.67
		For Bituminous Coated Pipe, Add	*22.15*	
		For Bituminous Coated And 25% Paved, Add	*45.31*	
		For Smooth-Flo, Add	*80.91*	
33 42 11 00-0546		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0535)*		
33 42 11 00-0547	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	50.10	12.08
		For Bituminous Coated Pipe, Add	*5.05*	
		For Bituminous Coated And 25% Paved, Add	*11.70*	
		For Smooth-Flo, Add	*23.65*	
33 42 11 00-0548	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	57.33	12.65
		For Bituminous Coated Pipe, Add	*6.33*	
		For Bituminous Coated And 25% Paved, Add	*14.67*	
		For Smooth-Flo, Add	*29.66*	
33 42 11 00-0549	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	64.91	13.80
		For Bituminous Coated Pipe, Add	*7.67*	
		For Bituminous Coated And 25% Paved, Add	*17.77*	
		For Smooth-Flo, Add	*35.92*	
33 42 11 00-0550	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	74.21	14.95
		For Bituminous Coated Pipe, Add	*9.12*	
		For Bituminous Coated And 25% Paved, Add	*21.13*	
		For Smooth-Flo, Add	*42.71*	
33 42 11 00-0551	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	82.64	16.10
		For Bituminous Coated Pipe, Add	*10.32*	
		For Bituminous Coated And 25% Paved, Add	*23.91*	
		For Smooth-Flo, Add	*48.33*	
33 42 11 00-0552	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	108.07	20.71
		For Bituminous Coated Pipe, Add	*13.25*	
		For Bituminous Coated And 25% Paved, Add	*30.70*	
		For Smooth-Flo, Add	*62.06*	
33 42 11 00-0553	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	139.27	26.89
		For Bituminous Coated Pipe, Add	*16.61*	
		For Bituminous Coated And 25% Paved, Add	*38.48*	
		For Smooth-Flo, Add	*77.79*	
33 42 11 00-0554	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	159.03	31.78
		For Bituminous Coated Pipe, Add	*19.55*	
		For Bituminous Coated And 25% Paved, Add	*45.30*	
		For Smooth-Flo, Add	*91.57*	
33 42 11 00-0555	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	178.99	36.67
		For Bituminous Coated Pipe, Add	*21.98*	
		For Bituminous Coated And 25% Paved, Add	*50.91*	
		For Smooth-Flo, Add	*102.92*	
33 42 11 00-0556	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	214.32	41.56
		For Bituminous Coated Pipe, Add	*27.03*	
		For Bituminous Coated And 25% Paved, Add	*62.61*	
		For Smooth-Flo, Add	*126.57*	
33 42 11 00-0557		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0535)*		
33 42 11 00-0558	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	78.60	13.80
		For Bituminous Coated Pipe, Add	*8.78*	
		For Bituminous Coated And 25% Paved, Add	*15.86*	
		For Smooth-Flo, Add	*30.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0559	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	90.12	14.95
		For Bituminous Coated Pipe, Add	*10.38*	
		For Bituminous Coated And 25% Paved, Add	*18.75*	
		For Smooth-Flo, Add	*36.03*	
33 42 11 00-0560	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	100.77	14.95
		For Bituminous Coated Pipe, Add	*11.77*	
		For Bituminous Coated And 25% Paved, Add	*21.25*	
		For Smooth-Flo, Add	*40.84*	
33 42 11 00-0561	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	130.49	20.71
		For Bituminous Coated Pipe, Add	*14.96*	
		For Bituminous Coated And 25% Paved, Add	*27.02*	
		For Smooth-Flo, Add	*51.93*	
33 42 11 00-0562	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	165.88	26.89
		For Bituminous Coated Pipe, Add	*18.50*	
		For Bituminous Coated And 25% Paved, Add	*33.41*	
		For Smooth-Flo, Add	*64.22*	
33 42 11 00-0563	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	189.77	31.78
		For Bituminous Coated Pipe, Add	*21.68*	
		For Bituminous Coated And 25% Paved, Add	*39.15*	
		For Smooth-Flo, Add	*75.25*	
33 42 11 00-0564	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	214.21	36.67
		For Bituminous Coated Pipe, Add	*24.48*	
		For Bituminous Coated And 25% Paved, Add	*44.21*	
		For Smooth-Flo, Add	*84.97*	
33 42 11 00-0565	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	253.21	41.56
		For Bituminous Coated Pipe, Add	*29.36*	
		For Bituminous Coated And 25% Paved, Add	*53.01*	
		For Smooth-Flo, Add	*101.88*	
33 42 11 00-0566	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	276.86	44.01
		For Bituminous Coated Pipe, Add	*32.15*	
		For Bituminous Coated And 25% Paved, Add	*58.06*	
		For Smooth-Flo, Add	*111.57*	
33 42 11 00-0567	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	335.54	53.79
		For Bituminous Coated Pipe, Add	*39.14*	
		For Bituminous Coated And 25% Paved, Add	*70.68*	
		For Smooth-Flo, Add	*135.84*	
33 42 11 00-0568		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0535)*		
33 42 11 00-0569	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	190.77	26.89
		For Bituminous Coated Pipe, Add	*23.54*	
		For Bituminous Coated And 25% Paved, Add	*39.32*	
		For Smooth-Flo, Add	*56.10*	
33 42 11 00-0570	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	218.90	31.78
		For Bituminous Coated Pipe, Add	*27.57*	
		For Bituminous Coated And 25% Paved, Add	*46.06*	
		For Smooth-Flo, Add	*65.72*	
33 42 11 00-0571	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	247.27	36.67
		For Bituminous Coated Pipe, Add	*31.16*	
		For Bituminous Coated And 25% Paved, Add	*52.06*	
		For Smooth-Flo, Add	*74.28*	
33 42 11 00-0572	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	290.25	41.56
		For Bituminous Coated Pipe, Add	*36.91*	
		For Bituminous Coated And 25% Paved, Add	*61.66*	
		For Smooth-Flo, Add	*87.98*	
33 42 11 00-0573	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	318.08	44.01
		For Bituminous Coated Pipe, Add	*40.54*	
		For Bituminous Coated And 25% Paved, Add	*67.72*	
		For Smooth-Flo, Add	*96.62*	
33 42 11 00-0574	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	380.84	53.79
		For Bituminous Coated Pipe, Add	*48.49*	
		For Bituminous Coated And 25% Paved, Add	*81.01*	
		For Smooth-Flo, Add	*115.58*	
33 42 11 00-0575	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	451.40	78.23
		For Bituminous Coated Pipe, Add	*52.07*	
		For Bituminous Coated And 25% Paved, Add	*86.97*	
		For Smooth-Flo, Add	*124.10*	
33 42 11 00-0576		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0534)*		
33 42 11 00-0577		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0576)*		
33 42 11 00-0578	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	148.93	26.89
		For Bituminous Coated Pipe, Add	*18.38*	
		For Bituminous Coated And 25% Paved, Add	*41.72*	
		For Smooth-Flo, Add	*83.07*	
33 42 11 00-0579	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	170.14	31.78
		For Bituminous Coated Pipe, Add	*21.58*	
		For Bituminous Coated And 25% Paved, Add	*48.99*	
		For Smooth-Flo, Add	*97.55*	
33 42 11 00-0580	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	191.23	36.67
		For Bituminous Coated Pipe, Add	*24.21*	
		For Bituminous Coated And 25% Paved, Add	*54.95*	
		For Smooth-Flo, Add	*109.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0581	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	228.37	41.56
		For Bituminous Coated Pipe, Add	*29.57*	
		For Bituminous Coated And 25% Paved, Add	*67.12*	
		For Smooth-Flo, Add	*133.65*	
33 42 11 00-0582	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	248.81	44.01
		For Bituminous Coated Pipe, Add	*32.21*	
		For Bituminous Coated And 25% Paved, Add	*73.12*	
		For Smooth-Flo, Add	*145.60*	
33 42 11 00-0583	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	312.19	53.79
		For Bituminous Coated Pipe, Add	*41.38*	
		For Bituminous Coated And 25% Paved, Add	*93.92*	
		For Smooth-Flo, Add	*187.02*	
33 42 11 00-0584	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	376.09	78.23
		For Bituminous Coated Pipe, Add	*44.10*	
		For Bituminous Coated And 25% Paved, Add	*100.12*	
		For Smooth-Flo, Add	*199.35*	
33 42 11 00-0585	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	405.33	85.56
		For Bituminous Coated Pipe, Add	*46.84*	
		For Bituminous Coated And 25% Paved, Add	*106.33*	
		For Smooth-Flo, Add	*211.72*	
33 42 11 00-0586	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	431.24	91.67
		For Bituminous Coated Pipe, Add	*49.58*	
		For Bituminous Coated And 25% Paved, Add	*112.54*	
		For Smooth-Flo, Add	*224.09*	
33 42 11 00-0587	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	457.20	97.78
		For Bituminous Coated Pipe, Add	*52.33*	
		For Bituminous Coated And 25% Paved, Add	*118.78*	
		For Smooth-Flo, Add	*236.51*	
33 42 11 00-0588	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	483.95	103.89
		For Bituminous Coated Pipe, Add	*55.05*	
		For Bituminous Coated And 25% Paved, Add	*124.97*	
		For Smooth-Flo, Add	*248.84*	
33 42 11 00-0589	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	514.22	110.00
		For Bituminous Coated Pipe, Add	*57.81*	
		For Bituminous Coated And 25% Paved, Add	*131.23*	
		For Smooth-Flo, Add	*261.31*	
33 42 11 00-0590		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0576)*		
33 42 11 00-0591	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	251.66	41.56
		For Bituminous Coated Pipe, Add	*34.23*	
		For Bituminous Coated And 25% Paved, Add	*67.08*	
		For Smooth-Flo, Add	*135.53*	
33 42 11 00-0592	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	274.59	44.01
		For Bituminous Coated Pipe, Add	*37.37*	
		For Bituminous Coated And 25% Paved, Add	*73.24*	
		For Smooth-Flo, Add	*147.98*	
33 42 11 00-0593	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	340.55	53.79
		For Bituminous Coated Pipe, Add	*47.05*	
		For Bituminous Coated And 25% Paved, Add	*92.21*	
		For Smooth-Flo, Add	*186.31*	
33 42 11 00-0594	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	406.97	78.23
		For Bituminous Coated Pipe, Add	*50.28*	
		For Bituminous Coated And 25% Paved, Add	*98.55*	
		For Smooth-Flo, Add	*199.11*	
33 42 11 00-0595	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	438.70	85.56
		For Bituminous Coated Pipe, Add	*53.51*	
		For Bituminous Coated And 25% Paved, Add	*104.89*	
		For Smooth-Flo, Add	*211.92*	
33 42 11 00-0596	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	467.25	91.67
		For Bituminous Coated Pipe, Add	*56.78*	
		For Bituminous Coated And 25% Paved, Add	*111.29*	
		For Smooth-Flo, Add	*224.85*	
33 42 11 00-0597	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	495.63	97.78
		For Bituminous Coated Pipe, Add	*60.01*	
		For Bituminous Coated And 25% Paved, Add	*117.62*	
		For Smooth-Flo, Add	*237.65*	
33 42 11 00-0598	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	524.91	103.89
		For Bituminous Coated Pipe, Add	*63.25*	
		For Bituminous Coated And 25% Paved, Add	*123.96*	
		For Smooth-Flo, Add	*250.45*	
33 42 11 00-0599	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	557.66	110.00
		For Bituminous Coated Pipe, Add	*66.50*	
		For Bituminous Coated And 25% Paved, Add	*130.34*	
		For Smooth-Flo, Add	*263.34*	
33 42 11 00-0600	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	593.23	122.23
		For Bituminous Coated Pipe, Add	*69.75*	
		For Bituminous Coated And 25% Paved, Add	*136.72*	
		For Smooth-Flo, Add	*276.23*	
33 42 11 00-0601	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	628.00	134.45
		For Bituminous Coated Pipe, Add	*72.95*	
		For Bituminous Coated And 25% Paved, Add	*142.98*	
		For Smooth-Flo, Add	*288.87*	
33 42 11 00-0602		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0576)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0603	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	331.77	44.01
		For Bituminous Coated Pipe, Add	*48.80*	
		For Bituminous Coated And 25% Paved, Add	*92.97*	
		For Smooth-Flo, Add	*151.54*	
33 42 11 00-0604	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	403.88	53.79
		For Bituminous Coated Pipe, Add	*59.71*	
		For Bituminous Coated And 25% Paved, Add	*113.76*	
		For Smooth-Flo, Add	*185.41*	
33 42 11 00-0605	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	475.83	78.23
		For Bituminous Coated Pipe, Add	*64.05*	
		For Bituminous Coated And 25% Paved, Add	*122.02*	
		For Smooth-Flo, Add	*198.88*	
33 42 11 00-0606	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	513.14	85.56
		For Bituminous Coated Pipe, Add	*68.40*	
		For Bituminous Coated And 25% Paved, Add	*130.31*	
		For Smooth-Flo, Add	*212.39*	
33 42 11 00-0607	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	547.21	91.67
		For Bituminous Coated Pipe, Add	*72.77*	
		For Bituminous Coated And 25% Paved, Add	*138.63*	
		For Smooth-Flo, Add	*225.96*	
33 42 11 00-0608	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	581.17	97.78
		For Bituminous Coated Pipe, Add	*77.12*	
		For Bituminous Coated And 25% Paved, Add	*146.91*	
		For Smooth-Flo, Add	*239.46*	
33 42 11 00-0609	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	616.08	103.89
		For Bituminous Coated Pipe, Add	*81.48*	
		For Bituminous Coated And 25% Paved, Add	*155.22*	
		For Smooth-Flo, Add	*253.00*	
33 42 11 00-0610	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	654.41	110.00
		For Bituminous Coated Pipe, Add	*85.85*	
		For Bituminous Coated And 25% Paved, Add	*163.54*	
		For Smooth-Flo, Add	*266.56*	
33 42 11 00-0611	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	695.46	122.23
		For Bituminous Coated Pipe, Add	*90.20*	
		For Bituminous Coated And 25% Paved, Add	*171.83*	
		For Smooth-Flo, Add	*280.07*	
33 42 11 00-0612	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	735.85	134.45
		For Bituminous Coated Pipe, Add	*94.52*	
		For Bituminous Coated And 25% Paved, Add	*180.06*	
		For Smooth-Flo, Add	*293.48*	
33 42 11 00-0613	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	774.97	146.68
		For Bituminous Coated Pipe, Add	*98.89*	
		For Bituminous Coated And 25% Paved, Add	*188.38*	
		For Smooth-Flo, Add	*307.05*	

33 42 11 00-0614 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0576)*

33 42 11 00-0615	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	540.04	78.23
		For Bituminous Coated Pipe, Add	*76.89*	
		For Bituminous Coated And 25% Paved, Add	*146.10*	
		For Smooth-Flo, Add	*195.31*	
33 42 11 00-0616	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	582.61	85.56
		For Bituminous Coated Pipe, Add	*82.30*	
		For Bituminous Coated And 25% Paved, Add	*156.36*	
		For Smooth-Flo, Add	*209.03*	
33 42 11 00-0617	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	621.95	91.67
		For Bituminous Coated Pipe, Add	*87.72*	
		For Bituminous Coated And 25% Paved, Add	*166.67*	
		For Smooth-Flo, Add	*222.81*	
33 42 11 00-0618	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	661.19	97.78
		For Bituminous Coated Pipe, Add	*93.12*	
		For Bituminous Coated And 25% Paved, Add	*176.94*	
		For Smooth-Flo, Add	*236.53*	
33 42 11 00-0619	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	701.37	103.89
		For Bituminous Coated Pipe, Add	*98.54*	
		For Bituminous Coated And 25% Paved, Add	*187.22*	
		For Smooth-Flo, Add	*250.29*	
33 42 11 00-0620	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	744.96	110.00
		For Bituminous Coated Pipe, Add	*103.96*	
		For Bituminous Coated And 25% Paved, Add	*197.52*	
		For Smooth-Flo, Add	*264.06*	
33 42 11 00-0621	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	791.28	122.23
		For Bituminous Coated Pipe, Add	*109.36*	
		For Bituminous Coated And 25% Paved, Add	*207.79*	
		For Smooth-Flo, Add	*277.78*	
33 42 11 00-0622	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	836.89	134.45
		For Bituminous Coated Pipe, Add	*114.73*	
		For Bituminous Coated And 25% Paved, Add	*217.98*	
		For Smooth-Flo, Add	*291.40*	
33 42 11 00-0623	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	881.33	146.68
		For Bituminous Coated Pipe, Add	*120.16*	
		For Bituminous Coated And 25% Paved, Add	*228.30*	
		For Smooth-Flo, Add	*305.21*	
33 42 11 00-0624	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	927.93	158.90
		For Bituminous Coated Pipe, Add	*125.54*	
		For Bituminous Coated And 25% Paved, Add	*238.53*	
		For Smooth-Flo, Add	*318.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0625	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	977.70	171.13
		For Bituminous Coated Pipe, Add	*130.97*	
		For Bituminous Coated And 25% Paved, Add	*248.84*	
		For Smooth-Flo, Add	*332.65*	
33 42 11 00-0626	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	1,031.23	183.35
		For Bituminous Coated Pipe, Add	*136.40*	
		For Bituminous Coated And 25% Paved, Add	*259.16*	
		For Smooth-Flo, Add	*346.46*	
33 42 11 00-0627		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0534)*		
33 42 11 00-0628		16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0627)*		
33 42 11 00-0629	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	191.90	36.67
		For Bituminous Coated Pipe, Add	*30.43*	
		For Bituminous Coated And 25% Paved, Add	*69.37*	
		For Smooth-Flo, Add	*110.14*	
33 42 11 00-0630	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	229.66	41.56
		For Bituminous Coated Pipe, Add	*37.28*	
		For Bituminous Coated And 25% Paved, Add	*85.00*	
		For Smooth-Flo, Add	*134.96*	
33 42 11 00-0631	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	249.95	44.01
		For Bituminous Coated Pipe, Add	*40.55*	
		For Bituminous Coated And 25% Paved, Add	*92.45*	
		For Smooth-Flo, Add	*146.79*	
33 42 11 00-0632	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	309.50	53.79
		For Bituminous Coated Pipe, Add	*51.05*	
		For Bituminous Coated And 25% Paved, Add	*116.39*	
		For Smooth-Flo, Add	*184.79*	
33 42 11 00-0633	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	373.09	78.23
		For Bituminous Coated Pipe, Add	*54.38*	
		For Bituminous Coated And 25% Paved, Add	*123.99*	
		For Smooth-Flo, Add	*196.86*	
33 42 11 00-0634	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	401.92	85.56
		For Bituminous Coated Pipe, Add	*57.70*	
		For Bituminous Coated And 25% Paved, Add	*131.55*	
		For Smooth-Flo, Add	*208.86*	
33 42 11 00-0635	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	427.37	91.67
		For Bituminous Coated Pipe, Add	*61.01*	
		For Bituminous Coated And 25% Paved, Add	*139.09*	
		For Smooth-Flo, Add	*220.84*	
33 42 11 00-0636	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	452.76	97.78
		For Bituminous Coated Pipe, Add	*64.30*	
		For Bituminous Coated And 25% Paved, Add	*146.60*	
		For Smooth-Flo, Add	*232.76*	
33 42 11 00-0637	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	479.25	103.89
		For Bituminous Coated Pipe, Add	*67.64*	
		For Bituminous Coated And 25% Paved, Add	*154.22*	
		For Smooth-Flo, Add	*244.87*	
33 42 11 00-0638	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	509.42	110.00
		For Bituminous Coated Pipe, Add	*71.07*	
		For Bituminous Coated And 25% Paved, Add	*162.03*	
		For Smooth-Flo, Add	*257.26*	
33 42 11 00-0639		14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0627)*		
33 42 11 00-0640	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	258.79	41.56
		For Bituminous Coated Pipe, Add	*35.65*	
		For Bituminous Coated And 25% Paved, Add	*83.78*	
		For Smooth-Flo, Add	*151.70*	
33 42 11 00-0641	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	282.33	44.01
		For Bituminous Coated Pipe, Add	*38.92*	
		For Bituminous Coated And 25% Paved, Add	*91.45*	
		For Smooth-Flo, Add	*165.59*	
33 42 11 00-0642	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	344.83	53.79
		For Bituminous Coated Pipe, Add	*47.90*	
		For Bituminous Coated And 25% Paved, Add	*112.57*	
		For Smooth-Flo, Add	*203.83*	
33 42 11 00-0643	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	411.26	78.23
		For Bituminous Coated Pipe, Add	*51.14*	
		For Bituminous Coated And 25% Paved, Add	*120.17*	
		For Smooth-Flo, Add	*217.59*	
33 42 11 00-0644	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	443.56	85.56
		For Bituminous Coated Pipe, Add	*54.49*	
		For Bituminous Coated And 25% Paved, Add	*128.04*	
		For Smooth-Flo, Add	*231.84*	
33 42 11 00-0645	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	472.26	91.67
		For Bituminous Coated Pipe, Add	*57.78*	
		For Bituminous Coated And 25% Paved, Add	*135.79*	
		For Smooth-Flo, Add	*245.86*	
33 42 11 00-0646	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	499.25	97.78
		For Bituminous Coated Pipe, Add	*60.74*	
		For Bituminous Coated And 25% Paved, Add	*142.73*	
		For Smooth-Flo, Add	*258.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0647	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	530.44	103.89
		For Bituminous Coated Pipe, Add	*64.35*	
		For Bituminous Coated And 25% Paved, Add	*151.23*	
		For Smooth-Flo, Add	*273.82*	
33 42 11 00-0648	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	563.35	110.00
		For Bituminous Coated Pipe, Add	*67.64*	
		For Bituminous Coated And 25% Paved, Add	*158.95*	
		For Smooth-Flo, Add	*287.80*	
33 42 11 00-0649	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	598.92	122.23
		For Bituminous Coated Pipe, Add	*70.89*	
		For Bituminous Coated And 25% Paved, Add	*166.60*	
		For Smooth-Flo, Add	*301.65*	
33 42 11 00-0650	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	634.40	134.45
		For Bituminous Coated Pipe, Add	*74.23*	
		For Bituminous Coated And 25% Paved, Add	*174.44*	
		For Smooth-Flo, Add	*315.84*	

33 42 11 00-0651 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0627)*

33 42 11 00-0652	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	342.98	44.01
		For Bituminous Coated Pipe, Add	*51.05*	
		For Bituminous Coated And 25% Paved, Add	*96.99*	
		For Smooth-Flo, Add	*175.09*	
33 42 11 00-0653	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	411.62	53.79
		For Bituminous Coated Pipe, Add	*61.26*	
		For Bituminous Coated And 25% Paved, Add	*116.40*	
		For Smooth-Flo, Add	*210.13*	
33 42 11 00-0654	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	484.41	78.23
		For Bituminous Coated Pipe, Add	*65.77*	
		For Bituminous Coated And 25% Paved, Add	*124.96*	
		For Smooth-Flo, Add	*225.58*	
33 42 11 00-0655	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	522.33	85.56
		For Bituminous Coated Pipe, Add	*70.24*	
		For Bituminous Coated And 25% Paved, Add	*133.46*	
		For Smooth-Flo, Add	*240.92*	
33 42 11 00-0656	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	556.71	91.67
		For Bituminous Coated Pipe, Add	*74.67*	
		For Bituminous Coated And 25% Paved, Add	*141.88*	
		For Smooth-Flo, Add	*256.12*	
33 42 11 00-0657	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	591.40	97.78
		For Bituminous Coated Pipe, Add	*79.17*	
		For Bituminous Coated And 25% Paved, Add	*150.42*	
		For Smooth-Flo, Add	*271.54*	
33 42 11 00-0658	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	626.83	103.89
		For Bituminous Coated Pipe, Add	*83.63*	
		For Bituminous Coated And 25% Paved, Add	*158.90*	
		For Smooth-Flo, Add	*286.85*	
33 42 11 00-0659	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	665.57	110.00
		For Bituminous Coated Pipe, Add	*88.08*	
		For Bituminous Coated And 25% Paved, Add	*167.36*	
		For Smooth-Flo, Add	*302.12*	
33 42 11 00-0660	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	707.34	122.23
		For Bituminous Coated Pipe, Add	*92.58*	
		For Bituminous Coated And 25% Paved, Add	*175.89*	
		For Smooth-Flo, Add	*317.54*	
33 42 11 00-0661	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	748.46	134.45
		For Bituminous Coated Pipe, Add	*97.04*	
		For Bituminous Coated And 25% Paved, Add	*184.38*	
		For Smooth-Flo, Add	*332.85*	
33 42 11 00-0662	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	788.04	146.68
		For Bituminous Coated Pipe, Add	*101.50*	
		For Bituminous Coated And 25% Paved, Add	*192.85*	
		For Smooth-Flo, Add	*348.15*	

33 42 11 00-0663 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0627)*

33 42 11 00-0664	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	554.45	78.23
		For Bituminous Coated Pipe, Add	*79.78*	
		For Bituminous Coated And 25% Paved, Add	*151.57*	
		For Smooth-Flo, Add	*238.13*	
33 42 11 00-0665	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	598.89	85.56
		For Bituminous Coated Pipe, Add	*85.55*	
		For Bituminous Coated And 25% Paved, Add	*162.55*	
		For Smooth-Flo, Add	*255.37*	
33 42 11 00-0666	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	639.36	91.67
		For Bituminous Coated Pipe, Add	*91.20*	
		For Bituminous Coated And 25% Paved, Add	*173.28*	
		For Smooth-Flo, Add	*272.24*	
33 42 11 00-0667	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	679.58	97.78
		For Bituminous Coated Pipe, Add	*96.80*	
		For Bituminous Coated And 25% Paved, Add	*183.92*	
		For Smooth-Flo, Add	*288.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0668	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	720.99	103.89
		For Bituminous Coated Pipe, Add	*102.46*	
		For Bituminous Coated And 25% Paved, Add	*194.68*	
		For Smooth-Flo, Add	*305.85*	
33 42 11 00-0669	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	765.52	110.00
		For Bituminous Coated Pipe, Add	*108.07*	
		For Bituminous Coated And 25% Paved, Add	*205.34*	
		For Smooth-Flo, Add	*322.59*	
33 42 11 00-0670	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	813.08	122.23
		For Bituminous Coated Pipe, Add	*113.72*	
		For Bituminous Coated And 25% Paved, Add	*216.08*	
		For Smooth-Flo, Add	*339.47*	
33 42 11 00-0671	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	860.08	134.45
		For Bituminous Coated Pipe, Add	*119.36*	
		For Bituminous Coated And 25% Paved, Add	*226.79*	
		For Smooth-Flo, Add	*356.30*	
33 42 11 00-0672	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	905.40	146.68
		For Bituminous Coated Pipe, Add	*124.97*	
		For Bituminous Coated And 25% Paved, Add	*237.45*	
		For Smooth-Flo, Add	*373.05*	
33 42 11 00-0673	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	962.13	158.90
		For Bituminous Coated Pipe, Add	*132.38*	
		For Bituminous Coated And 25% Paved, Add	*251.53*	
		For Smooth-Flo, Add	*395.16*	
33 42 11 00-0674	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	1,015.31	171.13
		For Bituminous Coated Pipe, Add	*138.49*	
		For Bituminous Coated And 25% Paved, Add	*263.13*	
		For Smooth-Flo, Add	*413.39*	
33 42 11 00-0675	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	1,073.38	183.35
		For Bituminous Coated Pipe, Add	*144.83*	
		For Bituminous Coated And 25% Paved, Add	*275.18*	
		For Smooth-Flo, Add	*432.32*	

33 42 11 00-0676 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0534)*

33 42 11 00-0677 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0676)*

33 42 11 00-0678	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	67.18	13.80
		For Bituminous Coated Pipe, Add	*9.38*	
33 42 11 00-0679	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	77.00	14.95
		For Bituminous Coated Pipe, Add	*11.17*	
33 42 11 00-0680	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	85.99	16.10
		For Bituminous Coated Pipe, Add	*12.68*	
33 42 11 00-0681	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	112.62	20.71
		For Bituminous Coated Pipe, Add	*16.34*	
33 42 11 00-0682	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	144.96	26.89
		For Bituminous Coated Pipe, Add	*20.49*	
33 42 11 00-0683	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	165.90	31.78
		For Bituminous Coated Pipe, Add	*24.16*	
33 42 11 00-0684	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	186.89	36.67
		For Bituminous Coated Pipe, Add	*27.19*	
33 42 11 00-0685	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	223.46	41.56
		For Bituminous Coated Pipe, Add	*33.30*	
33 42 11 00-0686	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	243.80	44.01
		For Bituminous Coated Pipe, Add	*36.36*	

33 42 11 00-0687 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0676)*

33 42 11 00-0688	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	73.89	13.80
		For Bituminous Coated Pipe, Add	*10.85*	
33 42 11 00-0689	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	84.85	14.95
		For Bituminous Coated Pipe, Add	*12.89*	
33 42 11 00-0690	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	94.93	16.10
		For Bituminous Coated Pipe, Add	*14.64*	
33 42 11 00-0691	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	123.72	20.71
		For Bituminous Coated Pipe, Add	*18.77*	
33 42 11 00-0692	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	158.34	26.89
		For Bituminous Coated Pipe, Add	*23.40*	
33 42 11 00-0693	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	181.55	31.78
		For Bituminous Coated Pipe, Add	*27.56*	
33 42 11 00-0694	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	204.76	36.67
		For Bituminous Coated Pipe, Add	*31.08*	
33 42 11 00-0695	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	243.55	41.56
		For Bituminous Coated Pipe, Add	*37.66*	
33 42 11 00-0696	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	266.17	44.01
		For Bituminous Coated Pipe, Add	*41.22*	
33 42 11 00-0697	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	326.96	53.79
		For Bituminous Coated Pipe, Add	*51.20*	
33 42 11 00-0698	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	392.41	78.23
		For Bituminous Coated Pipe, Add	*54.71*	
33 42 11 00-0699	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	423.41	85.56
		For Bituminous Coated Pipe, Add	*58.28*	

33 42 11 00-0700 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0676)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0701	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	146.24	20.71
		For Bituminous Coated Pipe, Add	*19.61*	
33 42 11 00-0702	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	185.25	26.89
		For Bituminous Coated Pipe, Add	*24.23*	
33 42 11 00-0703	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	213.06	31.78
		For Bituminous Coated Pipe, Add	*28.51*	
33 42 11 00-0704	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	240.71	36.67
		For Bituminous Coated Pipe, Add	*32.23*	
33 42 11 00-0705	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	284.05	41.56
		For Bituminous Coated Pipe, Add	*38.47*	
33 42 11 00-0706	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	311.21	44.01
		For Bituminous Coated Pipe, Add	*42.23*	
33 42 11 00-0707	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	376.40	53.79
		For Bituminous Coated Pipe, Add	*51.24*	
33 42 11 00-0708	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	446.28	78.23
		For Bituminous Coated Pipe, Add	*54.94*	
33 42 11 00-0709	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	481.73	85.56
		For Bituminous Coated Pipe, Add	*58.70*	
33 42 11 00-0710	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	513.74	91.67
		For Bituminous Coated Pipe, Add	*62.44*	
33 42 11 00-0711	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	545.69	97.78
		For Bituminous Coated Pipe, Add	*66.17*	
33 42 11 00-0712	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	578.53	103.89
		For Bituminous Coated Pipe, Add	*69.90*	
33 42 11 00-0713	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	612.57	110.00
		For Bituminous Coated Pipe, Add	*73.22*	

33 42 11 00-0714 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0534)*

33 42 11 00-0715 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0714)*

33 42 11 00-0716	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.58	6.91
		For Bituminous Coated Pipe, Add	*2.40*	
33 42 11 00-0717	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.58	6.91
		For Bituminous Coated Pipe, Add	*2.89*	
33 42 11 00-0718	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.67	8.63
		For Bituminous Coated Pipe, Add	*3.17*	
33 42 11 00-0719	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	32.21	8.63
		For Bituminous Coated Pipe, Add	*3.79*	
33 42 11 00-0720	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	37.50	10.35
		For Bituminous Coated Pipe, Add	*3.98*	
33 42 11 00-0721	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	40.72	10.35
		For Bituminous Coated Pipe, Add	*4.77*	

33 42 11 00-0722 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0714)*

33 42 11 00-0723	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.86	6.91
		For Bituminous Coated Pipe, Add	*2.36*	
33 42 11 00-0724	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.79	6.91
		For Bituminous Coated Pipe, Add	*2.82*	
33 42 11 00-0725	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.95	8.63
		For Bituminous Coated Pipe, Add	*3.11*	
33 42 11 00-0726	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	32.64	8.63
		For Bituminous Coated Pipe, Add	*3.74*	
33 42 11 00-0727	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	37.98	10.35
		For Bituminous Coated Pipe, Add	*3.93*	
33 42 11 00-0728	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	41.28	10.35
		For Bituminous Coated Pipe, Add	*4.71*	

33 42 11 00-0729 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0714)*

33 42 11 00-0730	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.80	
		For Bituminous Coated Pipe, Add	*3.33*	
33 42 11 00-0731	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	19.59	
		For Bituminous Coated Pipe, Add	*4.41*	
33 42 11 00-0732	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	24.02	
		For Bituminous Coated Pipe, Add	*5.40*	
33 42 11 00-0733	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	53.37	
		For Bituminous Coated Pipe, Add	*7.37*	
33 42 11 00-0734	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	11.23	
		For Bituminous Coated Pipe, Add	*1.68*	
33 42 11 00-0735	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.35	
		For Bituminous Coated Pipe, Add	*2.52*	

33 42 11 00-0736 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0534)*

33 42 11 00-0737 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0736)*

33 42 11 00-0738	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	75.03	12.08
33 42 11 00-0739	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	88.88	12.65
33 42 11 00-0740	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	103.18	13.80
33 42 11 00-0741	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	120.20	14.95
33 42 11 00-0742	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	134.20	16.10
33 42 11 00-0743	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	175.52	20.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0744	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	224.98	26.89
33 42 11 00-0745	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	260.90	31.78
33 42 11 00-0746	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	292.77	36.67
33 42 11 00-0747		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0736)*		
33 42 11 00-0748	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	85.84	12.08
33 42 11 00-0749	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	102.27	12.65
33 42 11 00-0750	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	119.22	13.80
33 42 11 00-0751	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	138.78	14.95
33 42 11 00-0752	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	155.77	16.10
33 42 11 00-0753	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	202.00	20.71
33 42 11 00-0754	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	256.94	26.89
33 42 11 00-0755	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	297.58	31.78
33 42 11 00-0756	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	334.63	36.67
33 42 11 00-0757	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	405.77	41.56
33 42 11 00-0758		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0736)*		
33 42 11 00-0759	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	152.65	13.80
33 42 11 00-0760	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	177.80	14.95
33 42 11 00-0761	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	200.14	16.10
33 42 11 00-0762	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	257.44	20.71
33 42 11 00-0763	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	309.87	26.89
33 42 11 00-0764	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	375.13	31.78
33 42 11 00-0765	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	423.12	36.67
33 42 11 00-0766	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	506.75	41.56
33 42 11 00-0767	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	553.76	44.01
33 42 11 00-0768	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	678.50	53.79
33 42 11 00-0769		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0736)*		
33 42 11 00-0770	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	384.23	26.89
33 42 11 00-0771	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	445.77	31.78
33 42 11 00-0772	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	503.37	36.67
33 42 11 00-0773	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	596.63	41.56
33 42 11 00-0774	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	653.83	44.01
33 42 11 00-0775	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	788.40	53.79
33 42 11 00-0776	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	887.94	78.23
33 42 11 00-0777		3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0534)*		
33 42 11 00-0778		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0777)*		
33 42 11 00-0779	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	286.35	26.89
33 42 11 00-0780	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	331.66	31.78
33 42 11 00-0781	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	372.10	36.67
33 42 11 00-0782	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	450.89	41.56
33 42 11 00-0783	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	490.93	44.01
33 42 11 00-0784	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	625.90	53.79
33 42 11 00-0785	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	710.05	78.23
33 42 11 00-0786	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	759.48	85.56
33 42 11 00-0787	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	805.68	91.67
33 42 11 00-0788	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	851.93	97.78
33 42 11 00-0789	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	898.91	103.89
33 42 11 00-0790	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	949.56	110.00
33 42 11 00-0791		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0777)*		
33 42 11 00-0792	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	508.68	41.56
33 42 11 00-0793	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	554.81	44.01
33 42 11 00-0794	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	696.26	53.79
33 42 11 00-0795	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	786.57	78.23
33 42 11 00-0796	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	842.25	85.56
33 42 11 00-0797	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	894.94	91.67
33 42 11 00-0798	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	947.26	97.78
33 42 11 00-0799	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,000.44	103.89
33 42 11 00-0800	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,057.39	110.00
33 42 11 00-0801	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,117.00	122.23
33 42 11 00-0802	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,175.36	134.45
33 42 11 00-0803		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0777)*		
33 42 11 00-0804	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	700.13	44.01
33 42 11 00-0805	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	857.93	53.79
33 42 11 00-0806	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	962.26	78.23
33 42 11 00-0807	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,032.02	85.56
33 42 11 00-0808	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,098.73	91.67
33 42 11 00-0809	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,165.15	97.78
33 42 11 00-0810	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,232.54	103.89
33 42 11 00-0811	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,303.48	110.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0812	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,376.99	122.23
33 42 11 00-0813	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,449.65	134.45
33 42 11 00-0814	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,521.40	146.68
33 42 11 00-0815		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0777)*		
33 42 11 00-0816	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,122.34	78.23
33 42 11 00-0817	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,205.15	85.56
33 42 11 00-0818	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,285.01	91.67
33 42 11 00-0819	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,364.53	97.78
33 42 11 00-0820	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,445.09	103.89
33 42 11 00-0821	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,529.17	110.00
33 42 11 00-0822	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,615.83	122.23
33 42 11 00-0823	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,701.55	134.45
33 42 11 00-0824	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,786.44	146.68
33 42 11 00-0825	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,873.26	158.90
33 42 11 00-0826	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,963.51	171.13
33 42 11 00-0827	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	2,057.53	183.35
33 42 11 00-0828		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0534)*		
33 42 11 00-0829		16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0828)*		
33 42 11 00-0830	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	359.64	36.67
33 42 11 00-0831	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	437.17	41.56
33 42 11 00-0832	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	475.22	44.01
33 42 11 00-0833	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	596.70	53.79
33 42 11 00-0834	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	678.46	78.23
33 42 11 00-0835	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	725.40	85.56
33 42 11 00-0836	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	768.79	91.67
33 42 11 00-0837	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	812.07	97.78
33 42 11 00-0838	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	856.70	103.89
33 42 11 00-0839	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	905.60	110.00
33 42 11 00-0840		14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0828)*		
33 42 11 00-0841	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	505.82	41.56
33 42 11 00-0842	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	551.67	44.01
33 42 11 00-0843	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	680.08	53.79
33 42 11 00-0844	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	768.56	78.23
33 42 11 00-0845	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	823.63	85.56
33 42 11 00-0846	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	874.67	91.67
33 42 11 00-0847	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	921.78	97.78
33 42 11 00-0848	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	977.55	103.89
33 42 11 00-0849	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,032.85	110.00
33 42 11 00-0850	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,090.50	122.23
33 42 11 00-0851	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,148.68	134.45
33 42 11 00-0852		12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0828)*		
33 42 11 00-0853	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	704.90	44.01
33 42 11 00-0854	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	849.61	53.79
33 42 11 00-0855	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	954.10	78.23
33 42 11 00-0856	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,023.26	85.56
33 42 11 00-0857	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,088.66	91.67
33 42 11 00-0858	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,154.90	97.78
33 42 11 00-0859	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,221.62	103.89
33 42 11 00-0860	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,291.49	110.00
33 42 11 00-0861	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,364.79	122.23
33 42 11 00-0862	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,437.19	134.45
33 42 11 00-0863	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,508.02	146.68
33 42 11 00-0864		10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0828)*		
33 42 11 00-0865	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,122.27	78.23
33 42 11 00-0866	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,207.08	85.56
33 42 11 00-0867	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,287.22	91.67
33 42 11 00-0868	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,366.69	97.78
33 42 11 00-0869	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,447.65	103.89
33 42 11 00-0870	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,531.58	110.00
33 42 11 00-0871	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,618.64	122.23
33 42 11 00-0872	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,705.16	134.45
33 42 11 00-0873	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,789.86	146.68
33 42 11 00-0874	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,898.44	158.90
33 42 11 00-0875	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,994.45	171.13
33 42 11 00-0876	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	2,096.93	183.35

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0877			Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0533)*		
33 42 11 00-0878			2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0877)*		
33 42 11 00-0879			16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0878)*		
33 42 11 00-0880	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	53.36	12.65
			For Bituminous Coated Pipe, Add	*6.82*	
			For Bituminous Coated And 25% Paved, Add	*16.48*	
			For Smooth-Flo, Add	*27.19*	
33 42 11 00-0881	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	59.64	13.80
			For Bituminous Coated Pipe, Add	*8.14*	
			For Bituminous Coated And 25% Paved, Add	*19.69*	
			For Smooth-Flo, Add	*32.47*	
33 42 11 00-0882	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	68.42	14.95
			For Bituminous Coated Pipe, Add	*9.80*	
			For Bituminous Coated And 25% Paved, Add	*23.69*	
			For Smooth-Flo, Add	*39.08*	
33 42 11 00-0883	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	76.90	16.10
			For Bituminous Coated Pipe, Add	*11.29*	
			For Bituminous Coated And 25% Paved, Add	*27.30*	
			For Smooth-Flo, Add	*45.03*	
33 42 11 00-0884	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	100.07	20.71
			For Bituminous Coated Pipe, Add	*14.34*	
			For Bituminous Coated And 25% Paved, Add	*34.68*	
			For Smooth-Flo, Add	*57.20*	
33 42 11 00-0885	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	131.32	26.89
			For Bituminous Coated Pipe, Add	*18.50*	
			For Bituminous Coated And 25% Paved, Add	*44.72*	
			For Smooth-Flo, Add	*73.76*	
33 42 11 00-0886			14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0878)*		
33 42 11 00-0887	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	58.88	12.65
			For Bituminous Coated Pipe, Add	*7.07*	
			For Bituminous Coated And 25% Paved, Add	*16.55*	
			For Smooth-Flo, Add	*27.14*	
33 42 11 00-0888	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	66.40	13.80
			For Bituminous Coated Pipe, Add	*8.48*	
			For Bituminous Coated And 25% Paved, Add	*19.85*	
			For Smooth-Flo, Add	*32.55*	
33 42 11 00-0889	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	75.96	14.95
			For Bituminous Coated Pipe, Add	*10.08*	
			For Bituminous Coated And 25% Paved, Add	*23.59*	
			For Smooth-Flo, Add	*38.69*	
33 42 11 00-0890	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	85.63	16.10
			For Bituminous Coated Pipe, Add	*11.63*	
			For Bituminous Coated And 25% Paved, Add	*27.20*	
			For Smooth-Flo, Add	*44.62*	
33 42 11 00-0891	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	110.96	20.71
			For Bituminous Coated Pipe, Add	*14.73*	
			For Bituminous Coated And 25% Paved, Add	*34.45*	
			For Smooth-Flo, Add	*56.50*	
33 42 11 00-0892	LF		42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	144.29	26.89
			For Bituminous Coated Pipe, Add	*18.76*	
			For Bituminous Coated And 25% Paved, Add	*43.89*	
			For Smooth-Flo, Add	*71.98*	
33 42 11 00-0893	LF		49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	166.16	31.78
			For Bituminous Coated Pipe, Add	*22.34*	
			For Bituminous Coated And 25% Paved, Add	*52.28*	
			For Smooth-Flo, Add	*85.74*	
33 42 11 00-0894			12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0878)*		
33 42 11 00-0895	LF		21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	86.44	14.67
			For Bituminous Coated Pipe, Add	*9.18*	
			For Bituminous Coated And 25% Paved, Add	*20.42*	
			For Smooth-Flo, Add	*31.41*	
33 42 11 00-0896	LF		24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	98.95	15.89
			For Bituminous Coated Pipe, Add	*10.89*	
			For Bituminous Coated And 25% Paved, Add	*24.22*	
			For Smooth-Flo, Add	*37.25*	
33 42 11 00-0897	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	111.27	17.11
			For Bituminous Coated Pipe, Add	*12.48*	
			For Bituminous Coated And 25% Paved, Add	*27.78*	
			For Smooth-Flo, Add	*42.72*	
33 42 11 00-0898	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	143.51	22.00
			For Bituminous Coated Pipe, Add	*15.72*	
			For Bituminous Coated And 25% Paved, Add	*34.98*	
			For Smooth-Flo, Add	*53.79*	
33 42 11 00-0899	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	170.73	26.89
			For Bituminous Coated Pipe, Add	*19.67*	
			For Bituminous Coated And 25% Paved, Add	*43.77*	
			For Smooth-Flo, Add	*67.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0900	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	196.69	31.78
		For Bituminous Coated Pipe, Add	*23.26*	
		For Bituminous Coated And 25% Paved, Add	*51.77*	
		For Smooth-Flo, Add	*79.60*	
33 42 11 00-0901	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	229.66	36.67
		For Bituminous Coated Pipe, Add	*27.59*	
		For Bituminous Coated And 25% Paved, Add	*61.39*	
		For Smooth-Flo, Add	*94.40*	
33 42 11 00-0902	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	256.62	41.56
		For Bituminous Coated Pipe, Add	*30.46*	
		For Bituminous Coated And 25% Paved, Add	*67.79*	
		For Smooth-Flo, Add	*104.25*	
33 42 11 00-0903		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0878)*		
33 42 11 00-0904	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	195.63	26.89
		For Bituminous Coated Pipe, Add	*23.70*	
		For Bituminous Coated And 25% Paved, Add	*49.89*	
		For Smooth-Flo, Add	*62.92*	
33 42 11 00-0905	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	225.72	31.78
		For Bituminous Coated Pipe, Add	*27.96*	
		For Bituminous Coated And 25% Paved, Add	*58.86*	
		For Smooth-Flo, Add	*74.22*	
33 42 11 00-0906	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	262.56	36.67
		For Bituminous Coated Pipe, Add	*32.89*	
		For Bituminous Coated And 25% Paved, Add	*69.25*	
		For Smooth-Flo, Add	*87.33*	
33 42 11 00-0907	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	293.81	41.56
		For Bituminous Coated Pipe, Add	*36.47*	
		For Bituminous Coated And 25% Paved, Add	*76.78*	
		For Smooth-Flo, Add	*96.83*	
33 42 11 00-0908	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	321.90	44.01
		For Bituminous Coated Pipe, Add	*40.04*	
		For Bituminous Coated And 25% Paved, Add	*84.29*	
		For Smooth-Flo, Add	*106.30*	
33 42 11 00-0909		3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0877)*		
33 42 11 00-0910		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0909)*		
33 42 11 00-0911	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	256.26	41.56
		For Bituminous Coated Pipe, Add	*35.15*	
		For Bituminous Coated And 25% Paved, Add	*106.84*	
		For Smooth-Flo, Add	*119.50*	
33 42 11 00-0912	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	280.06	44.01
		For Bituminous Coated Pipe, Add	*38.46*	
		For Bituminous Coated And 25% Paved, Add	*116.92*	
		For Smooth-Flo, Add	*130.77*	
33 42 11 00-0913	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	346.85	53.79
		For Bituminous Coated Pipe, Add	*48.31*	
		For Bituminous Coated And 25% Paved, Add	*146.86*	
		For Smooth-Flo, Add	*164.25*	
33 42 11 00-0914	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	414.52	78.23
		For Bituminous Coated Pipe, Add	*51.79*	
		For Bituminous Coated And 25% Paved, Add	*157.44*	
		For Smooth-Flo, Add	*176.09*	
33 42 11 00-0915	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	448.36	85.56
		For Bituminous Coated Pipe, Add	*55.45*	
		For Bituminous Coated And 25% Paved, Add	*168.56*	
		For Smooth-Flo, Add	*188.52*	
33 42 11 00-0916	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	478.97	91.67
		For Bituminous Coated Pipe, Add	*59.12*	
		For Bituminous Coated And 25% Paved, Add	*179.74*	
		For Smooth-Flo, Add	*201.02*	
33 42 11 00-0917	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	509.48	97.78
		For Bituminous Coated Pipe, Add	*62.78*	
		For Bituminous Coated And 25% Paved, Add	*190.86*	
		For Smooth-Flo, Add	*213.46*	
33 42 11 00-0918	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	540.82	103.89
		For Bituminous Coated Pipe, Add	*66.43*	
		For Bituminous Coated And 25% Paved, Add	*201.94*	
		For Smooth-Flo, Add	*225.86*	
33 42 11 00-0919		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0909)*		
33 42 11 00-0920	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	337.30	44.01
		For Bituminous Coated Pipe, Add	*49.91*	
		For Bituminous Coated And 25% Paved, Add	*130.76*	
		For Smooth-Flo, Add	*154.72*	
33 42 11 00-0921	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	410.33	53.79
		For Bituminous Coated Pipe, Add	*61.00*	
		For Bituminous Coated And 25% Paved, Add	*159.83*	
		For Smooth-Flo, Add	*189.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0922	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	483.63	78.23
		For Bituminous Coated Pipe, Add	*65.61*	
		For Bituminous Coated And 25% Paved, Add	*171.90*	
		For Smooth-Flo, Add	*203.40*	
33 42 11 00-0923	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	523.06	85.56
		For Bituminous Coated Pipe, Add	*70.39*	
		For Bituminous Coated And 25% Paved, Add	*184.41*	
		For Smooth-Flo, Add	*218.20*	
33 42 11 00-0924	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	559.24	91.67
		For Bituminous Coated Pipe, Add	*75.18*	
		For Bituminous Coated And 25% Paved, Add	*196.97*	
		For Smooth-Flo, Add	*233.05*	
33 42 11 00-0925	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	595.38	97.78
		For Bituminous Coated Pipe, Add	*79.96*	
		For Bituminous Coated And 25% Paved, Add	*209.50*	
		For Smooth-Flo, Add	*247.88*	
33 42 11 00-0926	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	632.30	103.89
		For Bituminous Coated Pipe, Add	*84.72*	
		For Bituminous Coated And 25% Paved, Add	*221.98*	
		For Smooth-Flo, Add	*262.64*	
33 42 11 00-0927	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	672.85	110.00
		For Bituminous Coated Pipe, Add	*89.54*	
		For Bituminous Coated And 25% Paved, Add	*234.59*	
		For Smooth-Flo, Add	*277.57*	
33 42 11 00-0928	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	716.07	122.23
		For Bituminous Coated Pipe, Add	*94.32*	
		For Bituminous Coated And 25% Paved, Add	*247.12*	
		For Smooth-Flo, Add	*292.40*	
33 42 11 00-0929	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	761.16	134.45
		For Bituminous Coated Pipe, Add	*99.58*	
		For Bituminous Coated And 25% Paved, Add	*260.90*	
		For Smooth-Flo, Add	*308.70*	
33 42 11 00-0930		**10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0909)*		
33 42 11 00-0931	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	547.84	78.23
		For Bituminous Coated Pipe, Add	*78.45*	
		For Bituminous Coated And 25% Paved, Add	*186.72*	
		For Smooth-Flo, Add	*202.80*	
33 42 11 00-0932	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	592.58	85.56
		For Bituminous Coated Pipe, Add	*84.29*	
		For Bituminous Coated And 25% Paved, Add	*200.61*	
		For Smooth-Flo, Add	*217.89*	
33 42 11 00-0933	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	634.04	91.67
		For Bituminous Coated Pipe, Add	*90.14*	
		For Bituminous Coated And 25% Paved, Add	*214.53*	
		For Smooth-Flo, Add	*233.01*	
33 42 11 00-0934	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	675.34	97.78
		For Bituminous Coated Pipe, Add	*95.95*	
		For Bituminous Coated And 25% Paved, Add	*228.37*	
		For Smooth-Flo, Add	*248.04*	
33 42 11 00-0935	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	717.59	103.89
		For Bituminous Coated Pipe, Add	*101.78*	
		For Bituminous Coated And 25% Paved, Add	*242.24*	
		For Smooth-Flo, Add	*263.11*	
33 42 11 00-0936	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	763.35	110.00
		For Bituminous Coated Pipe, Add	*107.64*	
		For Bituminous Coated And 25% Paved, Add	*256.18*	
		For Smooth-Flo, Add	*278.24*	
33 42 11 00-0937	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	811.84	122.23
		For Bituminous Coated Pipe, Add	*113.48*	
		For Bituminous Coated And 25% Paved, Add	*270.07*	
		For Smooth-Flo, Add	*293.34*	
33 42 11 00-0938	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	861.79	134.45
		For Bituminous Coated Pipe, Add	*119.71*	
		For Bituminous Coated And 25% Paved, Add	*284.90*	
		For Smooth-Flo, Add	*309.44*	
33 42 11 00-0939	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	916.45	146.68
		For Bituminous Coated Pipe, Add	*127.18*	
		For Bituminous Coated And 25% Paved, Add	*302.70*	
		For Smooth-Flo, Add	*328.77*	
33 42 11 00-0940		**125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0877)*		
33 42 11 00-0941		**12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0940)*		
33 42 11 00-0942	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	489.93	78.23
		For Bituminous Coated Pipe, Add	*66.87*	
		For Bituminous Coated And 25% Paved, Add	*163.17*	
		For Smooth-Flo, Add	*207.64*	
33 42 11 00-0943	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	528.74	85.56
		For Bituminous Coated Pipe, Add	*71.52*	
		For Bituminous Coated And 25% Paved, Add	*174.51*	
		For Smooth-Flo, Add	*222.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0944	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	563.94	91.67
		For Bituminous Coated Pipe, Add	*76.12*	
		For Bituminous Coated And 25% Paved, Add	*185.73*	
		For Smooth-Flo, Add	*236.35*	
33 42 11 00-0945	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	599.15	97.78
		For Bituminous Coated Pipe, Add	*80.72*	
		For Bituminous Coated And 25% Paved, Add	*196.95*	
		For Smooth-Flo, Add	*250.62*	
33 42 11 00-0946	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	635.40	103.89
		For Bituminous Coated Pipe, Add	*85.34*	
		For Bituminous Coated And 25% Paved, Add	*208.24*	
		For Smooth-Flo, Add	*264.99*	
33 42 11 00-0947	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	675.44	110.00
		For Bituminous Coated Pipe, Add	*90.06*	
		For Bituminous Coated And 25% Paved, Add	*219.74*	
		For Smooth-Flo, Add	*279.62*	
33 42 11 00-0948	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	718.14	122.23
		For Bituminous Coated Pipe, Add	*94.74*	
		For Bituminous Coated And 25% Paved, Add	*231.16*	
		For Smooth-Flo, Add	*294.16*	
33 42 11 00-0949	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	766.28	134.45
		For Bituminous Coated Pipe, Add	*100.60*	
		For Bituminous Coated And 25% Paved, Add	*245.47*	
		For Smooth-Flo, Add	*312.38*	

33 42 11 00-0950 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0940)*

33 42 11 00-0951	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	561.01	78.23
		For Bituminous Coated Pipe, Add	*81.09*	
		For Bituminous Coated And 25% Paved, Add	*183.26*	
		For Smooth-Flo, Add	*199.07*	
33 42 11 00-0952	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	605.50	85.56
		For Bituminous Coated Pipe, Add	*86.87*	
		For Bituminous Coated And 25% Paved, Add	*196.34*	
		For Smooth-Flo, Add	*213.28*	
33 42 11 00-0953	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	646.49	91.67
		For Bituminous Coated Pipe, Add	*92.63*	
		For Bituminous Coated And 25% Paved, Add	*209.34*	
		For Smooth-Flo, Add	*227.40*	
33 42 11 00-0954	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	687.64	97.78
		For Bituminous Coated Pipe, Add	*98.41*	
		For Bituminous Coated And 25% Paved, Add	*222.42*	
		For Smooth-Flo, Add	*241.61*	
33 42 11 00-0955	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	728.69	103.89
		For Bituminous Coated Pipe, Add	*104.00*	
		For Bituminous Coated And 25% Paved, Add	*235.04*	
		For Smooth-Flo, Add	*255.32*	
33 42 11 00-0956	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	775.29	110.00
		For Bituminous Coated Pipe, Add	*110.03*	
		For Bituminous Coated And 25% Paved, Add	*248.66*	
		For Smooth-Flo, Add	*270.11*	
33 42 11 00-0957	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	823.87	122.23
		For Bituminous Coated Pipe, Add	*115.88*	
		For Bituminous Coated And 25% Paved, Add	*261.89*	
		For Smooth-Flo, Add	*284.49*	
33 42 11 00-0958	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	877.85	134.45
		For Bituminous Coated Pipe, Add	*122.92*	
		For Bituminous Coated And 25% Paved, Add	*277.79*	
		For Smooth-Flo, Add	*301.76*	
33 42 11 00-0959	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	928.34	146.68
		For Bituminous Coated Pipe, Add	*129.56*	
		For Bituminous Coated And 25% Paved, Add	*292.81*	
		For Smooth-Flo, Add	*318.07*	

33 42 11 00-0960 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0877)*

33 42 11 00-0961 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0960)*

33 42 11 00-0962	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	88.97	12.65
33 42 11 00-0963	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	102.21	13.80
33 42 11 00-0964	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	119.78	14.95
33 42 11 00-0965	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	136.17	16.10
33 42 11 00-0966	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	175.57	20.71
33 42 11 00-0967	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	229.40	26.89

33 42 11 00-0968 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0960)*

33 42 11 00-0969	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	101.69	12.65
33 42 11 00-0970	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	117.73	13.80
33 42 11 00-0971	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	137.12	14.95
33 42 11 00-0972	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	156.33	16.10
33 42 11 00-0973	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	200.63	20.71
33 42 11 00-0974	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	259.20	26.89
33 42 11 00-0975	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	303.35	31.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0976		**12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0960)*		
33 42 11 00-0977	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	155.81	13.80
33 42 11 00-0978	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	182.22	14.95
33 42 11 00-0979	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	207.40	16.10
33 42 11 00-0980	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	264.36	20.71
33 42 11 00-0981	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	336.19	26.89
33 42 11 00-0982	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	393.00	31.78
33 42 11 00-0983	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	464.06	36.67
33 42 11 00-0984	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	514.77	41.56
33 42 11 00-0985		**10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0960)*		
33 42 11 00-0986	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	396.58	26.89
33 42 11 00-0987	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	463.46	31.78
33 42 11 00-0988	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	543.93	36.67
33 42 11 00-0989	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	605.07	41.56
33 42 11 00-0990	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	662.92	44.01
33 42 11 00-0991		**3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0877)*		
33 42 11 00-0992		**14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0991)*		
33 42 11 00-0993	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	520.02	41.56
33 42 11 00-0994	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	568.15	44.01
33 42 11 00-0995	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	711.74	53.79
33 42 11 00-0996	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	805.17	78.23
33 42 11 00-0997	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	866.12	85.56
33 42 11 00-0998	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	923.93	91.67
33 42 11 00-0999	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	981.47	97.78
33 42 11 00-1000	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,040.03	103.89
33 42 11 00-1001		**12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0991)*		
33 42 11 00-1002	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	713.75	44.01
33 42 11 00-1003	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	873.83	53.79
33 42 11 00-1004	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	981.57	78.23
33 42 11 00-1005	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,056.59	85.56
33 42 11 00-1006	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,128.53	91.67
33 42 11 00-1007	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,200.37	97.78
33 42 11 00-1008	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,272.92	103.89
33 42 11 00-1009	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,349.32	110.00
33 42 11 00-1010	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,428.25	122.23
33 42 11 00-1011	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,512.62	134.45
33 42 11 00-1012		**10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0991)*		
33 42 11 00-1013	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,141.61	78.23
33 42 11 00-1014	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,229.86	85.56
33 42 11 00-1015	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,315.02	91.67
33 42 11 00-1016	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,399.72	97.78
33 42 11 00-1017	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,485.44	103.89
33 42 11 00-1018	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,574.94	110.00
33 42 11 00-1019	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,667.04	122.23
33 42 11 00-1020	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,763.43	134.45
33 42 11 00-1021	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,873.89	146.68
33 42 11 00-1022		**125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0877)*		
33 42 11 00-1023		**12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-1022)*		
33 42 11 00-1024	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	967.18	78.23
33 42 11 00-1025	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,038.60	85.56
33 42 11 00-1026	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,106.05	91.67
33 42 11 00-1027	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,173.41	97.78
33 42 11 00-1028	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,242.07	103.89
33 42 11 00-1029	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,315.13	110.00
33 42 11 00-1030	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,390.59	122.23
33 42 11 00-1031	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,479.82	134.45
33 42 11 00-1032		**10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-1022)*		
33 42 11 00-1033	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,137.87	78.23
33 42 11 00-1034	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,222.84	85.56
33 42 11 00-1035	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,304.14	91.67
33 42 11 00-1036	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,385.82	97.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1037	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,466.13	103.89
33 42 11 00-1038	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,554.83	110.00
33 42 11 00-1039	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,644.49	122.23
33 42 11 00-1040	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,747.93	134.45
33 42 11 00-1041	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,844.69	146.68

33 42 11 00-1042 Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0533)*

33 42 11 00-1043 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1042)*

33 42 11 00-1044 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1043)*

33 42 11 00-1045	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	50.20	12.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.14*	
33 42 11 00-1046	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	57.59	12.65
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.77*	
33 42 11 00-1047	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.27	13.80
		For 1/2 Bituminous Coated And 25% Paved, Add	*15.49*	
33 42 11 00-1048	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	74.88	14.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.51*	
33 42 11 00-1049	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	83.15	16.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.85*	
33 42 11 00-1050	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	109.41	20.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.04*	
33 42 11 00-1051	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	141.50	26.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*34.12*	
33 42 11 00-1052	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	162.13	31.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*40.36*	
33 42 11 00-1053	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	182.14	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*45.22*	

33 42 11 00-1054 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1043)*

33 42 11 00-1055	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	55.68	12.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.63*	
33 42 11 00-1056	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	64.36	12.65
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.09*	
33 42 11 00-1057	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	73.33	13.80
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.61*	
33 42 11 00-1058	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	84.23	14.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.38*	
33 42 11 00-1059	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	94.00	16.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*19.67*	
33 42 11 00-1060	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	122.69	20.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.27*	
33 42 11 00-1061	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	157.56	26.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.66*	
33 42 11 00-1062	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	180.62	31.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.29*	
33 42 11 00-1063	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	203.21	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.90*	
33 42 11 00-1064	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	244.07	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.52*	

33 42 11 00-1065 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1043)*

33 42 11 00-1066	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	90.27	13.80
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.62*	
33 42 11 00-1067	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	104.01	14.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.11*	
33 42 11 00-1068	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	116.47	16.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.26*	
33 42 11 00-1069	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	150.74	20.71
		For 1/2 Bituminous Coated And 25% Paved, Add	*23.28*	
33 42 11 00-1070	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	191.39	26.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.89*	
33 42 11 00-1071	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	219.83	31.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.88*	
33 42 11 00-1072	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	247.94	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*38.21*	
33 42 11 00-1073	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	295.16	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.15*	
33 42 11 00-1074	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	322.42	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.45*	
33 42 11 00-1075	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	393.91	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.05*	

33 42 11 00-1076 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1043)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1077	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	221.82	26.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.64*	
33 42 11 00-1078	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	255.42	31.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.09*	
33 42 11 00-1079	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	288.34	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.88*	
33 42 11 00-1080	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	340.46	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.91*	
33 42 11 00-1081	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	372.83	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*54.74*	
33 42 11 00-1082	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	449.28	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.04*	
33 42 11 00-1083	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	524.33	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.80*	

33 42 11 00-1084 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1042)*

33 42 11 00-1085 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1084)

33 42 11 00-1086	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	165.41	26.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.93*	
33 42 11 00-1087	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	189.51	31.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.55*	
33 42 11 00-1088	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	212.92	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.95*	
33 42 11 00-1089	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	254.87	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.02*	
33 42 11 00-1090	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	277.69	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.48*	
33 42 11 00-1091	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	349.28	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*85.39*	
33 42 11 00-1092	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	415.60	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.01*	
33 42 11 00-1093	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	447.28	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.65*	
33 42 11 00-1094	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	475.67	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*102.31*	
33 42 11 00-1095	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	504.05	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*107.97*	
33 42 11 00-1096	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	533.28	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*113.61*	
33 42 11 00-1097	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	566.03	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*119.30*	

33 42 11 00-1098 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1084)

33 42 11 00-1099	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	282.35	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.88*	
33 42 11 00-1100	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	308.06	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*57.72*	
33 42 11 00-1101	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	382.70	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.68*	
33 42 11 00-1102	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	452.02	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.67*	
33 42 11 00-1103	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	486.64	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.66*	
33 42 11 00-1104	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	518.13	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.71*	
33 42 11 00-1105	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	549.41	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*92.71*	
33 42 11 00-1106	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	581.58	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.70*	
33 42 11 00-1107	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	617.27	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*102.73*	
33 42 11 00-1108	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	655.74	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*107.76*	
33 42 11 00-1109	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	693.39	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*112.69*	

33 42 11 00-1110 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1084)

33 42 11 00-1111	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	375.57	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.42*	
33 42 11 00-1112	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	457.44	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*94.72*	
33 42 11 00-1113	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	533.27	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.60*	
33 42 11 00-1114	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	574.50	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*108.51*	
33 42 11 00-1115	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	612.50	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*115.44*	
33 42 11 00-1116	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	650.39	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*122.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1117	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	689.12	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*129.24*	
33 42 11 00-1118	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	731.38	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*136.17*	
33 42 11 00-1119	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	776.35	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*143.08*	
33 42 11 00-1120	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	820.62	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*149.93*	
33 42 11 00-1121	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	863.66	146.68
		For 1/2 Bituminous Coated And 25% Paved, Add	*156.86*	

33 42 11 00-1122 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1084)

33 42 11 00-1123	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	609.05	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*124.71*	
33 42 11 00-1124	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	656.38	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*133.44*	
33 42 11 00-1125	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	700.62	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*142.25*	
33 42 11 00-1126	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	744.66	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*151.00*	
33 42 11 00-1127	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	789.70	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*159.78*	
33 42 11 00-1128	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	838.20	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*168.59*	
33 42 11 00-1129	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	889.32	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*177.34*	
33 42 11 00-1130	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	939.79	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*186.05*	
33 42 11 00-1131	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	989.08	146.68
		For 1/2 Bituminous Coated And 25% Paved, Add	*194.85*	
33 42 11 00-1132	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,040.54	158.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*203.59*	
33 42 11 00-1133	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,095.16	171.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*212.38*	
33 42 11 00-1134	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,153.55	183.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*221.19*	

33 42 11 00-1135 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-1042)

33 42 11 00-1136 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1135)*

33 42 11 00-1137	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	213.80	36.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.89*	
33 42 11 00-1138	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	256.47	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*75.83*	
33 42 11 00-1139	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	279.08	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.46*	
33 42 11 00-1140	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	346.18	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*103.81*	
33 42 11 00-1141	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	412.14	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.58*	
33 42 11 00-1142	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	443.40	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*117.35*	
33 42 11 00-1143	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	471.22	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*124.07*	
33 42 11 00-1144	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	498.94	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*130.75*	
33 42 11 00-1145	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	527.86	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*137.57*	
33 42 11 00-1146	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	560.50	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*144.53*	

33 42 11 00-1147 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1135)*

33 42 11 00-1148	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	290.82	41.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.50*	
33 42 11 00-1149	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	317.36	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*78.07*	
33 42 11 00-1150	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	387.86	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.07*	
33 42 11 00-1151	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	457.24	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*102.57*	
33 42 11 00-1152	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	492.53	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*109.28*	
33 42 11 00-1153	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	524.17	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*115.88*	
33 42 11 00-1154	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	553.85	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*121.82*	
33 42 11 00-1155	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	588.24	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*129.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1156	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	624.14	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*135.65*	
33 42 11 00-1157	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	662.66	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*142.19*	
33 42 11 00-1158	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	701.14	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*148.88*	

33 42 11 00-1159 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1135)*

33 42 11 00-1160	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	388.90	44.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*86.13*	
33 42 11 00-1161	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	466.74	53.79
		For 1/2 Bituminous Coated And 25% Paved, Add	*103.37*	
33 42 11 00-1162	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	543.60	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.98*	
33 42 11 00-1163	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	585.51	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*118.51*	
33 42 11 00-1164	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	623.92	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*126.00*	
33 42 11 00-1165	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	662.69	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*133.60*	
33 42 11 00-1166	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	702.09	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*141.12*	
33 42 11 00-1167	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	744.86	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*148.63*	
33 42 11 00-1168	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	790.66	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*156.21*	
33 42 11 00-1169	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	835.80	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*163.75*	
33 42 11 00-1170	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	879.42	146.68
		For 1/2 Bituminous Coated And 25% Paved, Add	*171.28*	

33 42 11 00-1171 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1135)*

33 42 11 00-1172	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	626.30	78.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*134.63*	
33 42 11 00-1173	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	675.90	85.56
		For 1/2 Bituminous Coated And 25% Paved, Add	*144.36*	
33 42 11 00-1174	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	721.49	91.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*153.91*	
33 42 11 00-1175	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	766.77	97.78
		For 1/2 Bituminous Coated And 25% Paved, Add	*163.36*	
33 42 11 00-1176	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	813.20	103.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*172.89*	
33 42 11 00-1177	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	862.84	110.00
		For 1/2 Bituminous Coated And 25% Paved, Add	*182.38*	
33 42 11 00-1178	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	915.46	122.23
		For 1/2 Bituminous Coated And 25% Paved, Add	*191.91*	
33 42 11 00-1179	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	967.52	134.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*201.42*	
33 42 11 00-1180	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,017.91	146.68
		For 1/2 Bituminous Coated And 25% Paved, Add	*210.89*	
33 42 11 00-1181	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,081.35	158.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*223.40*	
33 42 11 00-1182	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,140.00	171.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*233.70*	
33 42 11 00-1183	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,203.76	183.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*244.40*	

33 42 11 00-1184 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1042)*

33 42 11 00-1185 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1184)*

33 42 11 00-1186	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	74.51	13.80
33 42 11 00-1187	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	85.57	14.95
33 42 11 00-1188	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	95.81	16.10
33 42 11 00-1189	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	124.86	20.71
33 42 11 00-1190	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	159.63	26.89
33 42 11 00-1191	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	183.05	31.78
33 42 11 00-1192	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	206.47	36.67
33 42 11 00-1193	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	245.52	41.56
33 42 11 00-1194	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	268.28	44.01

33 42 11 00-1195 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1184)*

33 42 11 00-1196	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	82.47	13.80
33 42 11 00-1197	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	94.87	14.95
33 42 11 00-1198	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	106.35	16.10
33 42 11 00-1199	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	138.03	20.71
33 42 11 00-1200	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	175.48	26.89
33 42 11 00-1201	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	201.60	31.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1202	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	227.64	36.67
33 42 11 00-1203	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	269.33	41.56
33 42 11 00-1204	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	294.83	44.01
33 42 11 00-1205	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	358.78	53.79
33 42 11 00-1206	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	427.07	78.23
33 42 11 00-1207	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	460.91	85.56
33 42 11 00-1208		12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1184)*		
33 42 11 00-1209	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	164.74	20.71
33 42 11 00-1210	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	207.46	26.89
33 42 11 00-1211	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	239.05	31.78
33 42 11 00-1212	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	270.36	36.67
33 42 11 00-1213	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	317.37	41.56
33 42 11 00-1214	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	348.30	44.01
33 42 11 00-1215	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	417.46	53.79
33 42 11 00-1216	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	491.02	78.23
33 42 11 00-1217	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	530.18	85.56
33 42 11 00-1218	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	565.86	91.67
33 42 11 00-1219	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	601.58	97.78
33 42 11 00-1220	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	638.04	103.89
33 42 11 00-1221	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	675.38	110.00
33 42 11 00-1222		Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0533)*		
33 42 11 00-1223		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1222)*		
33 42 11 00-1224		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1223)*		
33 42 11 00-1225	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	59.45	12.65
		For 1/2 Bituminous Coated And 40% Paved, Add	*16.50*	
33 42 11 00-1226	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	66.92	13.80
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.71*	
33 42 11 00-1227	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	77.15	14.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.71*	
33 42 11 00-1228	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	86.98	16.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.33*	
33 42 11 00-1229	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	112.88	20.71
		For 1/2 Bituminous Coated And 40% Paved, Add	*34.71*	
33 42 11 00-1230	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	147.85	26.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*44.77*	
33 42 11 00-1231		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1223)*		
33 42 11 00-1232	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	66.22	12.65
		For 1/2 Bituminous Coated And 40% Paved, Add	*17.10*	
33 42 11 00-1233	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	75.13	13.80
		For 1/2 Bituminous Coated And 40% Paved, Add	*20.48*	
33 42 11 00-1234	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	86.40	14.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*24.37*	
33 42 11 00-1235	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	97.67	16.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*28.10*	
33 42 11 00-1236	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	126.20	20.71
		For 1/2 Bituminous Coated And 40% Paved, Add	*35.59*	
33 42 11 00-1237	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	163.71	26.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*45.33*	
33 42 11 00-1238	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	189.30	31.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*54.00*	
33 42 11 00-1239		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1223)*		
33 42 11 00-1240	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	91.87	13.80
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.76*	
33 42 11 00-1241	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	106.23	14.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*22.30*	
33 42 11 00-1242	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	120.14	16.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*25.60*	
33 42 11 00-1243	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	154.25	20.71
		For 1/2 Bituminous Coated And 40% Paved, Add	*32.30*	
33 42 11 00-1244	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	197.59	26.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*40.62*	
33 42 11 00-1245	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	228.82	31.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*48.14*	
33 42 11 00-1246	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	268.56	36.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*57.33*	
33 42 11 00-1247	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	299.19	41.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*63.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-1248 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1223)*

33 42 11 00-1249	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	228.02	26.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*42.75*	
33 42 11 00-1250	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	264.30	31.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*50.52*	
33 42 11 00-1251	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	308.79	36.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*59.65*	
33 42 11 00-1252	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	344.69	41.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*66.04*	
33 42 11 00-1253	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	377.43	44.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*72.42*	

33 42 11 00-1254 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1222)*

33 42 11 00-1255 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1254)*

33 42 11 00-1256	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	287.77	41.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.92*	
33 42 11 00-1257	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	314.52	44.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*103.86*	
33 42 11 00-1258	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	390.14	53.79
		For 1/2 Bituminous Coated And 40% Paved, Add	*130.45*	
33 42 11 00-1259	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	460.90	78.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*139.84*	
33 42 11 00-1260	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	498.05	85.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*149.73*	
33 42 11 00-1261	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	531.92	91.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*159.65*	
33 42 11 00-1262	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	565.68	97.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*169.51*	
33 42 11 00-1263	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	600.38	103.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*179.40*	

33 42 11 00-1264 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1254)*

33 42 11 00-1265	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	382.08	44.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*118.03*	
33 42 11 00-1266	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	465.04	53.79
		For 1/2 Bituminous Coated And 40% Paved, Add	*144.25*	
33 42 11 00-1267	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	542.47	78.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*155.15*	
33 42 11 00-1268	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	586.13	85.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*166.42*	
33 42 11 00-1269	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	626.65	91.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*177.76*	
33 42 11 00-1270	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	667.08	97.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*189.08*	
33 42 11 00-1271	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	708.29	103.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*200.34*	
33 42 11 00-1272	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	753.13	110.00
		For 1/2 Bituminous Coated And 40% Paved, Add	*211.72*	
33 42 11 00-1273	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	800.63	122.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*223.02*	
33 42 11 00-1274	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	850.47	134.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*235.47*	

33 42 11 00-1275 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1254)*

33 42 11 00-1276	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	618.19	78.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*167.93*	
33 42 11 00-1277	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	668.15	85.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*180.42*	
33 42 11 00-1278	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	714.88	91.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*192.95*	
33 42 11 00-1279	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	761.40	97.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*205.40*	
33 42 11 00-1280	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	813.04	103.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*219.38*	
33 42 11 00-1281	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	859.90	110.00
		For 1/2 Bituminous Coated And 40% Paved, Add	*230.41*	
33 42 11 00-1282	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	913.65	122.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*242.92*	
33 42 11 00-1283	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	969.13	134.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*256.23*	
33 42 11 00-1284	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,030.51	146.68
		For 1/2 Bituminous Coated And 40% Paved, Add	*272.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1285		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1222)*		
33 42 11 00-1286		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1285)*		
33 42 11 00-1287	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	550.11	78.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*152.69*	
33 42 11 00-1288	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	593.10	85.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*163.30*	
33 42 11 00-1289	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	632.49	91.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*173.82*	
33 42 11 00-1290	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	671.83	97.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*184.31*	
33 42 11 00-1291	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	712.21	103.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*194.87*	
33 42 11 00-1292	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	756.48	110.00
		For 1/2 Bituminous Coated And 40% Paved, Add	*205.62*	
33 42 11 00-1293	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	803.42	122.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*216.32*	
33 42 11 00-1294	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	856.83	134.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*229.71*	
33 42 11 00-1295		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1285)*		
33 42 11 00-1296	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	634.00	78.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*169.36*	
33 42 11 00-1297	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	683.70	85.56
		For 1/2 Bituminous Coated And 40% Paved, Add	*181.45*	
33 42 11 00-1298	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	729.86	91.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*193.46*	
33 42 11 00-1299	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	776.22	97.78
		For 1/2 Bituminous Coated And 40% Paved, Add	*205.55*	
33 42 11 00-1300	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	822.34	103.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*217.24*	
33 42 11 00-1301	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	874.31	110.00
		For 1/2 Bituminous Coated And 40% Paved, Add	*229.80*	
33 42 11 00-1302	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	928.22	122.23
		For 1/2 Bituminous Coated And 40% Paved, Add	*242.05*	
33 42 11 00-1303	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	988.50	134.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*256.73*	
33 42 11 00-1304	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,044.97	146.68
		For 1/2 Bituminous Coated And 40% Paved, Add	*270.61*	
33 42 11 00-1305		Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0533)*		
33 42 11 00-1306		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1305)*		
33 42 11 00-1307		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1306)*		
33 42 11 00-1308	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	30.14	6.91
		For Bituminous Coated Pipe, Add	*3.14*	
33 42 11 00-1309	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	38.93	8.63
		For Bituminous Coated Pipe, Add	*4.26*	
33 42 11 00-1310	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	50.48	10.35
		For Bituminous Coated Pipe, Add	*5.61*	
33 42 11 00-1311		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1306)*		
33 42 11 00-1312	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	33.74	6.91
		For Bituminous Coated Pipe, Add	*3.11*	
33 42 11 00-1313	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	44.02	8.63
		For Bituminous Coated Pipe, Add	*4.26*	
33 42 11 00-1314	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	57.27	10.35
		For Bituminous Coated Pipe, Add	*5.62*	
33 42 11 00-1315		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1305)*		
33 42 11 00-1316		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1315)*		
33 42 11 00-1317	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	58.48	12.08
		For Bituminous Coated Pipe, Add	*6.18*	
33 42 11 00-1318	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	67.87	12.65
		For Bituminous Coated Pipe, Add	*7.75*	
33 42 11 00-1319	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	77.85	13.80
		For Bituminous Coated Pipe, Add	*9.42*	
33 42 11 00-1320	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	89.82	14.95
		For Bituminous Coated Pipe, Add	*11.24*	
33 42 11 00-1321	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	100.45	16.10
		For Bituminous Coated Pipe, Add	*12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1322		**14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1315)*		
33 42 11 00-1323	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	66.20	12.08
		For Bituminous Coated Pipe, Add	*6.04*	
33 42 11 00-1324	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	77.70	12.65
		For Bituminous Coated Pipe, Add	*7.60*	
33 42 11 00-1325	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	89.63	13.80
		For Bituminous Coated Pipe, Add	*9.22*	
33 42 11 00-1326	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	103.49	14.95
		For Bituminous Coated Pipe, Add	*10.94*	
33 42 11 00-1327	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	116.14	16.10
		For Bituminous Coated Pipe, Add	*12.43*	
33 42 11 00-1328	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	150.88	20.71
		For Bituminous Coated Pipe, Add	*15.94*	
33 42 11 00-1329	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	191.84	26.89
		For Bituminous Coated Pipe, Add	*19.82*	
33 42 11 00-1330		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1315)*		
33 42 11 00-1331	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	146.12	16.10
		For Bituminous Coated Pipe, Add	*11.80*	
33 42 11 00-1332	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	188.21	20.71
		For Bituminous Coated Pipe, Add	*15.01*	
33 42 11 00-1333	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	236.68	26.89
		For Bituminous Coated Pipe, Add	*18.50*	
33 42 11 00-1334	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	273.50	31.78
		For Bituminous Coated Pipe, Add	*21.76*	
33 42 11 00-1335	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	309.34	36.67
		For Bituminous Coated Pipe, Add	*24.63*	
33 42 11 00-1336	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	364.23	41.56
		For Bituminous Coated Pipe, Add	*29.22*	
33 42 11 00-1337		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1315)*		
33 42 11 00-1338	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	284.47	26.89
		For Bituminous Coated Pipe, Add	*18.19*	
33 42 11 00-1339	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	329.17	31.78
		For Bituminous Coated Pipe, Add	*21.36*	
33 42 11 00-1340	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	373.15	36.67
		For Bituminous Coated Pipe, Add	*24.24*	
33 42 11 00-1341	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	436.01	41.56
		For Bituminous Coated Pipe, Add	*28.44*	
33 42 11 00-1342	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	479.47	44.01
		For Bituminous Coated Pipe, Add	*31.34*	
33 42 11 00-1343		**3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1305)*		
33 42 11 00-1344		**16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1343)*		
33 42 11 00-1345	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	148.44	20.71
33 42 11 00-1346	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	188.79	26.89
33 42 11 00-1347	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	216.64	31.78
33 42 11 00-1348	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	245.37	36.67
33 42 11 00-1349	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	290.13	41.56
33 42 11 00-1350		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1343)*		
33 42 11 00-1351	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	168.11	20.71
33 42 11 00-1352	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	216.85	26.89
33 42 11 00-1353	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	249.21	31.78
33 42 11 00-1354	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	280.91	36.67
33 42 11 00-1355	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	331.76	41.56
33 42 11 00-1356	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	362.78	44.01
33 42 11 00-1357	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	441.52	53.79
33 42 11 00-1358	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	515.84	78.23
33 42 11 00-1359	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	555.53	85.56
33 42 11 00-1360		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1343)*		
33 42 11 00-1361	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	214.02	20.71
33 42 11 00-1362	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	268.47	26.89
33 42 11 00-1363	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	310.90	31.78
33 42 11 00-1364	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	351.67	36.67
33 42 11 00-1365	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	411.19	41.56
33 42 11 00-1366	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	450.74	44.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1367	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	537.99	53.79
33 42 11 00-1368	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	621.05	78.23
33 42 11 00-1369	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	669.33	85.56
33 42 11 00-1370	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	714.42	91.67
33 42 11 00-1371	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	759.37	97.78
33 42 11 00-1372	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	805.21	103.89
33 42 11 00-1373		10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1343)*		
33 42 11 00-1374	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	543.25	44.01
33 42 11 00-1375	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	635.85	53.79
33 42 11 00-1376	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	727.69	78.23
33 42 11 00-1377	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	784.77	85.56
33 42 11 00-1378	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	838.50	91.67
33 42 11 00-1379	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	892.22	97.78
33 42 11 00-1380	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	946.77	103.89
33 42 11 00-1381	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	1,004.91	110.00
33 42 11 00-1382	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	1,065.72	122.23
33 42 11 00-1383		Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1305)*		
		Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1384		16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1383)*		
33 42 11 00-1385	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	104.32	13.80
33 42 11 00-1386	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	112.17	14.95
33 42 11 00-1387	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	135.63	16.10
33 42 11 00-1388	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	156.63	18.41
33 42 11 00-1389	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	175.38	20.71
33 42 11 00-1390	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	196.09	23.01
33 42 11 00-1391		14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1383)*		
33 42 11 00-1392	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	120.95	13.80
33 42 11 00-1393	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.07	14.95
33 42 11 00-1394	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	158.00	16.10
33 42 11 00-1395	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	181.74	18.41
33 42 11 00-1396	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	203.22	20.71
33 42 11 00-1397	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	226.77	23.01
33 42 11 00-1398	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	255.03	26.89
33 42 11 00-1399	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	294.88	31.78
33 42 11 00-1400	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	333.69	36.67
33 42 11 00-1401		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1383)*		
33 42 11 00-1402	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	257.66	20.71
33 42 11 00-1403	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	286.54	23.01
33 42 11 00-1404	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	320.33	26.89
33 42 11 00-1405	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	371.13	31.78
33 42 11 00-1406	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	420.83	36.67
33 42 11 00-1407	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	584.27	41.56
33 42 11 00-1408	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	643.14	44.01
33 42 11 00-1409		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1383)*		
33 42 11 00-1410	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	598.37	36.67
33 42 11 00-1411	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	693.73	41.56
33 42 11 00-1412	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	764.90	44.01
33 42 11 00-1413	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	888.24	53.79
33 42 11 00-1414	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,001.06	78.23
33 42 11 00-1415	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,080.10	85.56
33 42 11 00-1416	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,155.14	91.67
33 42 11 00-1417		Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0533)*		
33 42 11 00-1418		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1417)*		
33 42 11 00-1419		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1418)*		
33 42 11 00-1420	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	71.38	12.65
		For Bituminous Coated Pipe, Add	*7.76*	
33 42 11 00-1421	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	81.17	13.80
		For Bituminous Coated Pipe, Add	*9.27*	
33 42 11 00-1422	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	93.61	14.95
		For Bituminous Coated Pipe, Add	*11.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1423		**14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1418)*		
33 42 11 00-1424	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	81.23	12.65
		For Bituminous Coated Pipe, Add	*7.74*	
33 42 11 00-1425	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	90.63	13.80
		For Bituminous Coated Pipe, Add	*8.92*	
33 42 11 00-1426	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	107.28	14.95
		For Bituminous Coated Pipe, Add	*10.95*	
33 42 11 00-1427	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	121.27	16.10
		For Bituminous Coated Pipe, Add	*12.56*	
33 42 11 00-1428	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	156.00	20.71
		For Bituminous Coated Pipe, Add	*15.89*	
33 42 11 00-1429		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1418)*		
33 42 11 00-1430	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	151.28	16.10
		For Bituminous Coated Pipe, Add	*11.97*	
33 42 11 00-1431	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	193.42	20.71
		For Bituminous Coated Pipe, Add	*15.10*	
33 42 11 00-1432	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	245.49	26.89
		For Bituminous Coated Pipe, Add	*18.85*	
33 42 11 00-1433	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	285.10	31.78
		For Bituminous Coated Pipe, Add	*22.29*	
33 42 11 00-1434		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1418)*		
33 42 11 00-1435	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	293.21	26.89
		For Bituminous Coated Pipe, Add	*18.19*	
33 42 11 00-1436	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	340.86	31.78
		For Bituminous Coated Pipe, Add	*21.45*	
33 42 11 00-1437	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	396.63	36.67
		For Bituminous Coated Pipe, Add	*25.14*	
33 42 11 00-1438	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	443.73	41.56
		For Bituminous Coated Pipe, Add	*27.97*	
33 42 11 00-1439		**3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1417)*		
33 42 11 00-1440		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1439)*		
33 42 11 00-1441	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	339.48	41.56
33 42 11 00-1442	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	371.75	44.01
33 42 11 00-1443	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	452.61	53.79
33 42 11 00-1444		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1439)*		
33 42 11 00-1445	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	418.90	41.56
33 42 11 00-1446	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	459.71	44.01
33 42 11 00-1447	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	548.68	53.79
33 42 11 00-1448	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	632.55	78.23
33 42 11 00-1449	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	681.65	85.56
33 42 11 00-1450	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	727.56	91.67
33 42 11 00-1451		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1439)*		
33 42 11 00-1452	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	552.09	44.01
33 42 11 00-1453	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	646.15	53.79
33 42 11 00-1454	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	738.78	78.23
33 42 11 00-1455	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	796.67	85.56
33 42 11 00-1456	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	851.22	91.67
33 42 11 00-1457	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	905.72	97.78
33 42 11 00-1458		**Corrugated Steel Pipe Fittings** *(33 42 11 00-0533)* Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1459		**Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings** *(33 42 11 00-1458)* Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1460	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	95.32	
33 42 11 00-1461	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	119.53	
33 42 11 00-1462	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	143.75	
33 42 11 00-1463	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	169.50	
33 42 11 00-1464	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	205.79	
33 42 11 00-1465	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	242.08	
33 42 11 00-1466	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	278.41	
33 42 11 00-1467	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	314.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1468	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	410.05	
33 42 11 00-1469	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	488.72	
33 42 11 00-1470	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	567.41	
33 42 11 00-1471	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	733.86	
33 42 11 00-1472	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	827.68	
33 42 11 00-1473	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	924.51	
33 42 11 00-1474	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	1,024.38	
33 42 11 00-1475	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,248.32	
33 42 11 00-1476	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,361.79	
33 42 11 00-1477	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,478.30	
33 42 11 00-1478	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,814.21	
33 42 11 00-1479	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,947.38	
33 42 11 00-1480	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	2,082.04	
33 42 11 00-1481	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,216.70	
33 42 11 00-1482	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,349.84	
33 42 11 00-1483	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,484.52	
33 42 11 00-1484	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,626.50	
33 42 11 00-1485	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,776.60	
33 42 11 00-1486	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,935.25	

33 42 11 00-1487 Fabricate Corrugated Steel Pipe Tees Or Laterals *(33 42 11 00-1458)*

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1488	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	124.08	
33 42 11 00-1489	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	158.87	
33 42 11 00-1490	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	193.66	
33 42 11 00-1491	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	228.48	
33 42 11 00-1492	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	278.41	
33 42 11 00-1493	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	329.85	
33 42 11 00-1494	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	381.32	
33 42 11 00-1495	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	432.73	
33 42 11 00-1496	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	567.41	
33 42 11 00-1497	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	676.36	
33 42 11 00-1498	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	786.81	
33 42 11 00-1499	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	1,021.34	
33 42 11 00-1500	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,149.95	
33 42 11 00-1501	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,283.09	
33 42 11 00-1502	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,419.28	
33 42 11 00-1503	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,730.97	
33 42 11 00-1504	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,885.33	
33 42 11 00-1505	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,042.69	
33 42 11 00-1506	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,513.24	
33 42 11 00-1507	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,693.31	
33 42 11 00-1508	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,873.37	
33 42 11 00-1509	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	3,054.92	
33 42 11 00-1510	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	3,236.52	
33 42 11 00-1511	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	3,416.55	
33 42 11 00-1512	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	3,606.62	
33 42 11 00-1513	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	3,807.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1514	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	4,019.04	

33 42 11 00-1515 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 42 11 00-1458)*

Note: Applied to pipe tasks.

33 42 11 00-1516	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	48.17	
33 42 11 00-1517	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	60.59	
33 42 11 00-1518	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	76.22	
33 42 11 00-1519	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	93.32	
33 42 11 00-1520	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	118.10	
33 42 11 00-1521	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	144.61	
33 42 11 00-1522	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	169.38	
33 42 11 00-1523	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	196.80	
33 42 11 00-1524	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	241.72	
33 42 11 00-1525	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	288.20	
33 42 11 00-1526	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	343.88	
33 42 11 00-1527	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	423.00	
33 42 11 00-1528	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	478.79	
33 42 11 00-1529	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	539.20	
33 42 11 00-1530	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	653.88	
33 42 11 00-1531	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	725.14	
33 42 11 00-1532	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	884.74	
33 42 11 00-1533	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	963.78	
33 42 11 00-1534	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,047.48	
33 42 11 00-1535	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,129.55	
33 42 11 00-1536	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,213.22	
33 42 11 00-1537	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,298.43	
33 42 11 00-1538	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,382.14	
33 42 11 00-1539	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,465.78	
33 42 11 00-1540	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,554.50	
33 42 11 00-1541	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,648.56	
33 42 11 00-1542	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,748.34	

33 42 11 00-1543 Saddles, Corrugated Steel Pipe Fitting *(33 42 11 00-1458)*

Note: For Field Tap

33 42 11 00-1544	EA	6" Saddle, Corrugated Steel Pipe Fitting	297.81	
33 42 11 00-1545	EA	8" Saddle, Corrugated Steel Pipe Fitting	336.13	
33 42 11 00-1546	EA	10" Saddle, Corrugated Steel Pipe Fitting	386.75	
33 42 11 00-1547	EA	12" Saddle, Corrugated Steel Pipe Fitting	473.27	
33 42 11 00-1548	EA	15" Saddle, Corrugated Steel Pipe Fitting	583.76	
33 42 11 00-1549	EA	18" Saddle, Corrugated Steel Pipe Fitting	696.61	
33 42 11 00-1550	EA	21" Saddle, Corrugated Steel Pipe Fitting	878.10	
33 42 11 00-1551	EA	24" Saddle, Corrugated Steel Pipe Fitting	1,043.60	
33 42 11 00-1552	EA	30" Saddle, Corrugated Steel Pipe Fitting	1,311.97	
33 42 11 00-1553	EA	36" Saddle, Corrugated Steel Pipe Fitting	1,691.81	
33 42 11 00-1554	EA	42" Saddle, Corrugated Steel Pipe Fitting	1,997.57	
33 42 11 00-1555	EA	48" Saddle, Corrugated Steel Pipe Fitting	2,349.53	
33 42 11 00-1556	EA	54" Saddle, Corrugated Steel Pipe Fitting	2,795.68	
33 42 11 00-1557	EA	60" Saddle, Corrugated Steel Pipe Fitting	3,313.45	
33 42 11 00-1558	EA	66" Saddle, Corrugated Steel Pipe Fitting	3,774.64	
33 42 11 00-1559	EA	72" Saddle, Corrugated Steel Pipe Fitting	4,209.98	
33 42 11 00-1560	EA	78" Saddle, Corrugated Steel Pipe Fitting	4,941.63	
33 42 11 00-1561	EA	84" Saddle, Corrugated Steel Pipe Fitting	5,458.39	
33 42 11 00-1562	EA	90" Saddle, Corrugated Steel Pipe Fitting	6,461.04	
33 42 11 00-1563	EA	96" Saddle, Corrugated Steel Pipe Fitting	7,141.75	
33 42 11 00-1564	EA	102" Saddle, Corrugated Steel Pipe Fitting	8,102.94	
33 42 11 00-1565	EA	108" Saddle, Corrugated Steel Pipe Fitting	9,195.30	
33 42 11 00-1566	EA	114" Saddle, Corrugated Steel Pipe Fitting	10,433.54	
33 42 11 00-1567	EA	120" Saddle, Corrugated Steel Pipe Fitting	11,836.73	

33 42 11 00-1568 Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1458)*

33 42 11 00-1569	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	17.98	
		For Bituminous Coated, Add		*5.21*
33 42 11 00-1570	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	23.86	
		For Bituminous Coated, Add		*6.92*
33 42 11 00-1571	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	30.06	
		For Bituminous Coated, Add		*8.72*
33 42 11 00-1572	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	49.90	
		For Bituminous Coated, Add		*14.47*
33 42 11 00-1573	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	62.92	
		For Bituminous Coated, Add		*18.25*
33 42 11 00-1574	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	92.31	
		For Bituminous Coated, Add		*26.77*
33 42 11 00-1575	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	109.56	
		For Bituminous Coated, Add		*31.77*
33 42 11 00-1576	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	124.23	
		For Bituminous Coated, Add		*36.03*
33 42 11 00-1577	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	214.99	
		For Bituminous Coated, Add		*62.35*
33 42 11 00-1578	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	343.97	
		For Bituminous Coated, Add		*82.55*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1579	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	404.15	
		For Bituminous Coated, Add	*97.00*	
33 42 11 00-1580	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	452.86	
		For Bituminous Coated, Add	*108.69*	
33 42 11 00-1581	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	642.23	
		For Bituminous Coated, Add	*154.14*	
33 42 11 00-1582	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	918.58	
		For Bituminous Coated, Add	*165.34*	
33 42 11 00-1583	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	1,128.92	
		For Bituminous Coated, Add	*203.21*	
33 42 11 00-1584	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	1,450.16	
		For Bituminous Coated, Add	*203.02*	
33 42 11 00-1585	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	1,551.04	
		For Bituminous Coated, Add	*217.15*	
33 42 11 00-1586	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	1,652.50	
		For Bituminous Coated, Add	*231.35*	
33 42 11 00-1587	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	1,753.43	
		For Bituminous Coated, Add	*245.48*	
33 42 11 00-1588	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	1,854.62	
		For Bituminous Coated, Add	*259.65*	
33 42 11 00-1589	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	1,956.07	
		For Bituminous Coated, Add	*273.85*	
33 42 11 00-1590	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	2,057.06	
		For Bituminous Coated, Add	*287.99*	
33 42 11 00-1591	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	2,436.36	
		For Bituminous Coated, Add	*292.36*	
33 42 11 00-1592	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	2,258.87	
		For Bituminous Coated, Add	*271.06*	
33 42 11 00-1593	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	2,359.55	
		For Bituminous Coated, Add	*283.15*	
33 42 11 00-1594	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	2,460.95	
		For Bituminous Coated, Add	*295.31*	
33 42 11 00-1595	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	2,562.45	
		For Bituminous Coated, Add	*307.49*	

33 42 11 00-1596 Wyes Or Tees, Galvanized Corrugated Metal Pipe Fitting *(33 42 11 00-1458)*

33 42 11 00-1597	EA	12" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	668.16	184.06
33 42 11 00-1598	EA	15" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	771.42	230.07
33 42 11 00-1599	EA	18" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	900.82	299.09
33 42 11 00-1600	EA	24" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	1,287.02	414.12
33 42 11 00-1601	EA	30" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	1,694.84	483.15
33 42 11 00-1602	EA	36" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	2,323.93	562.26
33 42 11 00-1603	EA	42" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	2,753.27	660.04
33 42 11 00-1604	EA	48" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	3,208.04	660.04
33 42 11 00-1605	EA	54" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	3,847.97	904.50
33 42 11 00-1606	EA	60" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	4,325.02	904.50
33 42 11 00-1607	EA	66" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	5,124.72	1,148.96
33 42 11 00-1608	EA	72" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	5,403.00	1,222.29
33 42 11 00-1609	EA	78" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	7,019.98	1,521.75
33 42 11 00-1610	EA	84" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	8,136.71	1,637.88

33 42 11 00-1611 90 Degree Bends, Galvanized Corrugated Metal Pipe Fitting *(33 42 11 00-1458)*

33 42 11 00-1612	EA	12" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	460.38	138.04
33 42 11 00-1613	EA	15" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	560.78	172.55
33 42 11 00-1614	EA	18" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	659.73	230.07
33 42 11 00-1615	EA	24" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	959.80	322.10
33 42 11 00-1616	EA	30" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,159.81	368.11
33 42 11 00-1617	EA	36" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,600.84	415.58
33 42 11 00-1618	EA	42" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,893.54	488.92
33 42 11 00-1619	EA	48" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,167.51	488.92
33 42 11 00-1620	EA	54" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,637.60	684.48
33 42 11 00-1621	EA	60" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,985.43	684.48
33 42 11 00-1622	EA	66" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	3,615.10	855.61
33 42 11 00-1623	EA	72" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	3,853.63	910.61
33 42 11 00-1624	EA	78" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	4,826.32	1,140.77
33 42 11 00-1625	EA	84" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	5,366.56	1,222.29

33 42 11 00-1626 Galvanized Culvert-End Bar Grate System *(33 42 11 00-0533)*

33 42 11 00-1627	SF	Galvanized Culvert-End Bar Grate System	671.64	3.07
33 42 11 00-1628	SF	Heavy-Duty Galvanized Culvert-End Bar Grate System	38.36	3.07

33 42 11 00-1629 Galvanized Tapered Adapter Sleeves *(33 42 11 00-0533)*

33 42 11 00-1630	EA	12" Galvanized Tapered Adapter Sleeves	506.87	80.52
33 42 11 00-1631	EA	15" Galvanized Tapered Adapter Sleeves	624.77	86.28
33 42 11 00-1632	EA	18" Galvanized Tapered Adapter Sleeves	702.79	92.02
33 42 11 00-1633	EA	21" Galvanized Tapered Adapter Sleeves	793.79	100.65
33 42 11 00-1634	EA	24" Galvanized Tapered Adapter Sleeves	883.59	109.28
33 42 11 00-1635	EA	30" Galvanized Tapered Adapter Sleeves	1,071.97	123.66
33 42 11 00-1636	EA	36" Galvanized Tapered Adapter Sleeves	1,292.68	140.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-1637 Concrete Pipe Collar *(33 42 11)*

33 42 11 00-1638	EA	8" Diameter Pipe, Concrete Pipe Collar	679.74	
33 42 11 00-1639	EA	10" Diameter Pipe, Concrete Pipe Collar	762.12	
33 42 11 00-1640	EA	12" Diameter Pipe, Concrete Pipe Collar	850.38	
33 42 11 00-1641	EA	15" Diameter Pipe, Concrete Pipe Collar	955.45	
33 42 11 00-1642	EA	18" Diameter Pipe, Concrete Pipe Collar	1,067.71	
33 42 11 00-1643	EA	21" Diameter Pipe, Concrete Pipe Collar	1,187.40	
33 42 11 00-1644	EA	24" Diameter Pipe, Concrete Pipe Collar	1,314.14	
33 42 11 00-1645	EA	27" Diameter Pipe, Concrete Pipe Collar	1,444.76	
33 42 11 00-1646	EA	30" Diameter Pipe, Concrete Pipe Collar	1,575.36	
33 42 11 00-1647	EA	36" Diameter Pipe, Concrete Pipe Collar	1,836.75	
33 42 11 00-1648	EA	42" Diameter Pipe, Concrete Pipe Collar	2,099.03	
33 42 11 00-1649	EA	48" Diameter Pipe, Concrete Pipe Collar	2,362.53	
33 42 11 00-1650	EA	54" Diameter Pipe, Concrete Pipe Collar	2,623.93	
33 42 11 00-1651	EA	60" Diameter Pipe, Concrete Pipe Collar	2,886.20	
33 42 11 00-1652	EA	66" Diameter Pipe, Concrete Pipe Collar	3,178.46	
33 42 11 00-1653	EA	72" Diameter Pipe, Concrete Pipe Collar	3,470.70	
33 42 11 00-1654	EA	78" Diameter Pipe, Concrete Pipe Collar	3,762.96	
33 42 11 00-1655	EA	84" Diameter Pipe, Concrete Pipe Collar	4,055.21	
33 42 11 00-1656	EA	90" Diameter Pipe, Concrete Pipe Collar	4,347.46	
33 42 11 00-1657	EA	96" Diameter Pipe, Concrete Pipe Collar	4,639.71	
33 42 11 00-1658	EA	102" Diameter Pipe, Concrete Pipe Collar	4,931.97	
33 42 11 00-1659	EA	108" Diameter Pipe, Concrete Pipe Collar	5,224.22	
33 42 11 00-1660	EA	114" Diameter Pipe, Concrete Pipe Collar	5,516.47	
33 42 11 00-1661	EA	120" Diameter Pipe, Concrete Pipe Collar	5,808.73	

33 42 11 00-1662 Concrete Drainage Pipe Lug *(33 42 11)*

33 42 11 00-1663	EA	12" Diameter Pipe, Concrete Pipe Lug	407.51	
33 42 11 00-1664	EA	15" Diameter Pipe, Concrete Pipe Lug	475.23	
33 42 11 00-1665	EA	18" Diameter Pipe, Concrete Pipe Lug	542.59	
33 42 11 00-1666	EA	21" Diameter Pipe, Concrete Pipe Lug	610.33	
33 42 11 00-1667	EA	24" Diameter Pipe, Concrete Pipe Lug	677.69	
33 42 11 00-1668	EA	27" Diameter Pipe, Concrete Pipe Lug	745.34	
33 42 11 00-1669	EA	30" Diameter Pipe, Concrete Pipe Lug	812.97	
33 42 11 00-1670	EA	36" Diameter Pipe, Concrete Pipe Lug	948.07	
33 42 11 00-1671	EA	42" Diameter Pipe, Concrete Pipe Lug	1,082.09	
33 42 11 00-1672	EA	48" Diameter Pipe, Concrete Pipe Lug	1,217.18	
33 42 11 00-1673	EA	54" Diameter Pipe, Concrete Pipe Lug	1,352.28	
33 42 11 00-1674	EA	60" Diameter Pipe, Concrete Pipe Lug	1,487.37	
33 42 11 00-1675	EA	66" Diameter Pipe, Concrete Pipe Lug	1,622.46	

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0981 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	465.69	61.11
		For Each LF Of Cut-Off Section, Add	*18.63*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	523.05	61.11
		For Each LF Of Cut-Off Section, Add	*20.92*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	615.70	61.11
		For Each LF Of Cut-Off Section, Add	*24.63*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	739.84	76.40
		For Each LF Of Cut-Off Section, Add	*29.59*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	757.49	76.40
		For Each LF Of Cut-Off Section, Add	*30.30*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	766.32	76.40
		For Each LF Of Cut-Off Section, Add	*30.65*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	790.26	79.45
		For Each LF Of Cut-Off Section, Add	*31.61*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	794.68	79.45
		For Each LF Of Cut-Off Section, Add	*31.79*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	874.09	79.45
		For Each LF Of Cut-Off Section, Add	*34.96*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	899.29	91.67
		For Each LF Of Cut-Off Section, Add	*35.97*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	967.31	124.68
		For Each LF Of Cut-Off Section, Add	*38.69*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	878.50	79.45
		For Each LF Of Cut-Off Section, Add	*35.14*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	903.70	91.67
		For Each LF Of Cut-Off Section, Add	*36.15*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	916.94	91.67
		For Each LF Of Cut-Off Section, Add	*36.68*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	1,108.74	122.23
		For Each LF Of Cut-Off Section, Add	*44.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	1,112.27	122.23
		For Each LF Of Cut-Off Section, Add	*44.49*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,234.38	152.79
		For Each LF Of Cut-Off Section, Add	*49.38*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,222.57	122.23
		For Each LF Of Cut-Off Section, Add	*48.90*	
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,298.80	152.79
		For Each LF Of Cut-Off Section, Add	*51.95*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,303.21	152.79
		For Each LF Of Cut-Off Section, Add	*52.13*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,576.75	152.79
		For Each LF Of Cut-Off Section, Add	*63.07*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,657.39	183.35
		For Each LF Of Cut-Off Section, Add	*66.30*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,675.04	183.35
		For Each LF Of Cut-Off Section, Add	*67.00*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,679.45	183.35
		For Each LF Of Cut-Off Section, Add	*67.18*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,685.63	183.35
		For Each LF Of Cut-Off Section, Add	*67.43*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,755.67	213.90
		For Each LF Of Cut-Off Section, Add	*70.23*	
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,755.67	213.90
		For Each LF Of Cut-Off Section, Add	*70.23*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,755.67	213.90
		For Each LF Of Cut-Off Section, Add	*70.23*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,755.67	213.90
		For Each LF Of Cut-Off Section, Add	*70.23*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,542.22	244.46
		For Each LF Of Cut-Off Section, Add	*101.69*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,512.86	244.46
		For Each LF Of Cut-Off Section, Add	*140.51*	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0981 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,141.17	61.11
		For Each LF Of Cut-Off Section, Add	*45.65*	
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,225.93	61.11
		For Each LF Of Cut-Off Section, Add	*49.04*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,375.92	61.11
		For Each LF Of Cut-Off Section, Add	*55.04*	
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,557.38	76.40
		For Each LF Of Cut-Off Section, Add	*62.30*	
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,707.38	76.40
		For Each LF Of Cut-Off Section, Add	*68.30*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,857.38	76.40
		For Each LF Of Cut-Off Section, Add	*74.30*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,713.68	79.45
		For Each LF Of Cut-Off Section, Add	*68.55*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,863.68	79.45
		For Each LF Of Cut-Off Section, Add	*74.55*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,163.68	79.45
		For Each LF Of Cut-Off Section, Add	*86.55*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,038.88	91.67
		For Each LF Of Cut-Off Section, Add	*81.56*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,406.86	124.68
		For Each LF Of Cut-Off Section, Add	*96.27*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,863.68	79.45
		For Each LF Of Cut-Off Section, Add	*74.55*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,038.88	91.67
		For Each LF Of Cut-Off Section, Add	*81.56*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,188.88	91.67
		For Each LF Of Cut-Off Section, Add	*87.56*	
33 42 13 13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,401.81	122.23
		For Each LF Of Cut-Off Section, Add	*96.07*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,551.81	122.23
		For Each LF Of Cut-Off Section, Add	*102.07*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,914.80	152.79
		For Each LF Of Cut-Off Section, Add	*116.59*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,576.36	122.23
		For Each LF Of Cut-Off Section, Add	*103.05*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,959.94	152.79
		For Each LF Of Cut-Off Section, Add	*118.40*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,927.30	152.79
		For Each LF Of Cut-Off Section, Add	*117.09*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,105.41	152.79
		For Each LF Of Cut-Off Section, Add	*124.22*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,346.51	183.35
		For Each LF Of Cut-Off Section, Add	*133.86*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,524.62	183.35
		For Each LF Of Cut-Off Section, Add	*140.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	3,702.76	183.35
		For Each LF Of Cut-Off Section, Add	*148.11*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,880.87	183.35
		For Each LF Of Cut-Off Section, Add	*155.23*	
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,883.24	213.90
		For Each LF Of Cut-Off Section, Add	*155.33*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	4,085.70	213.90
		For Each LF Of Cut-Off Section, Add	*163.43*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,490.68	213.90
		For Each LF Of Cut-Off Section, Add	*179.63*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,895.67	213.90
		For Each LF Of Cut-Off Section, Add	*195.83*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	5,858.62	244.46
		For Each LF Of Cut-Off Section, Add	*234.34*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	7,388.54	244.46
		For Each LF Of Cut-Off Section, Add	*295.54*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,640.75	737.15
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,066.94	786.29
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,700.26	1,029.94
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,220.94	1,474.29
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,866.20	1,965.73
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	7,123.93	2,591.05
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	9,809.91	3,574.02
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	11,663.41	4,212.23
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	14,030.52	5,128.04
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	16,836.08	6,207.55

33 42 23 00-0014 Straight, Double Pipe, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0015	EA	12" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	1,340.53	792.83
33 42 23 00-0016	EA	15" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	1,717.62	1,021.91
33 42 23 00-0017	EA	18" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	2,285.86	1,342.52
33 42 23 00-0018	EA	24" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	3,529.33	2,021.59
33 42 23 00-0019	EA	30" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	4,903.73	2,727.78
33 42 23 00-0020	EA	36" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	6,918.61	3,771.94

33 42 23 00-0021 Straight, Single Pipe, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0022	EA	12" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	1,001.90	634.21
33 42 23 00-0023	EA	15" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	1,296.81	740.43
33 42 23 00-0024	EA	18" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	1,667.61	979.74
33 42 23 00-0025	EA	24" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	2,610.98	1,491.47
33 42 23 00-0026	EA	30" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	3,602.89	2,005.36
33 42 23 00-0027	EA	36" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	5,075.73	2,765.28

33 42 23 00-0028 Precast Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0029	EA	12" Pipe, Precast Concrete Headwall	940.09	207.06
33 42 23 00-0030	EA	15" Pipe, Precast Concrete Headwall	974.61	218.56
33 42 23 00-0031	EA	18" Pipe, Precast Concrete Headwall	1,073.60	248.48
33 42 23 00-0032	EA	24" Pipe, Precast Concrete Headwall	1,184.80	264.58
33 42 23 00-0033	EA	30" Pipe, Precast Concrete Headwall	1,579.03	310.60
33 42 23 00-0034	EA	36" Pipe, Precast Concrete Headwall	1,776.99	322.10
33 42 23 00-0035	EA	42" Pipe, Precast Concrete Headwall	2,322.96	377.20
33 42 23 00-0036	EA	48" Pipe, Precast Concrete Headwall	2,562.17	415.58
33 42 23 00-0037	EA	54" Pipe, Precast Concrete Headwall	2,825.48	440.03
33 42 23 00-0038	EA	60" Pipe, Precast Concrete Headwall	3,202.14	440.03
33 42 23 00-0039	EA	72" Pipe, Precast Concrete Headwall	3,857.66	550.03
33 42 23 00-0040	EA	84" Pipe, Precast Concrete Headwall	5,444.24	660.04

33 42 23 00-0041 Precast Concrete Wingwalls *(33 42 23 00-0001)*

33 42 23 00-0042	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,891.76	2,178.13
33 42 23 00-0043	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,258.45	2,420.15
33 42 23 00-0044	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,869.59	2,823.50
33 42 23 00-0045	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	7,480.74	3,226.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0046	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,480.74	3,226.86
33 42 23 00-0047	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,725.20	3,388.20
33 42 23 00-0048	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	12,976.64	3,468.87
33 42 23 00-0049	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	13,343.34	3,710.89
33 42 23 00-0050		Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*		
33 42 23 00-0051	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	3,857.68	855.61
33 42 26		**End Sections for Stormwater Piping** *(33 42)*		
33 42 26 16		**Corrugated Metal End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 16-0001		Corrugated Metal Pipe End Sections *(33 42 26 16)*		
33 42 26 16-0002		Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0003		Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)* Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	343.19	80.52
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	400.35	86.28
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	469.92	92.02
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	572.19	100.65
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	634.49	109.28
33 42 26 16-0009		Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)* Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,038.17	123.66
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,349.57	146.68
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,088.95	171.13
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,555.84	195.57
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	3,041.30	244.46
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	3,549.43	293.35
33 42 26 16-0016		Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)* Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	359.46	80.52
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	417.08	86.28
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	495.64	92.02
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	603.08	100.65
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	669.51	109.28
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,145.71	123.66
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,483.64	146.68
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,380.55	171.13
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,932.14	195.57
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,421.84	244.46
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,754.70	293.35
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	5,365.69	440.03
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	6,258.53	586.70
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	6,819.94	629.48
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	7,395.32	672.26
33 42 26 16-0032		Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)*		
33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	46.17	
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	51.61	
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	58.27	
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	63.37	
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	71.00	
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	124.84	
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	134.31	
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	184.83	
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	197.64	
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	241.63	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	247.26	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	263.36	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	297.74	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	333.19	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	340.95	
33 42 26 16-0048		Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0049		Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)* Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	400.35	86.28
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	469.92	92.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	572.19	100.65
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	634.49	109.28
33 42 26 16-0054		**Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	386.30	86.28
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	443.94	92.02
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	497.81	100.65
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	563.46	109.28
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	835.68	123.66
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,228.41	146.68
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,928.88	171.13
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	2,449.17	195.57
33 42 26 16-0063		**Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0048)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	393.43	86.28
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	459.43	92.02
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	522.04	100.65
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	592.18	109.28
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	884.49	123.66
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,294.99	146.68
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,035.39	171.13
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,571.75	195.57
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,091.66	244.46
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,072.38	293.35
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	5,674.98	440.03
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	6,254.39	586.70
33 42 26 16-0076		**Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section** *(33 42 26 16-0048)*		
33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	51.61	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	58.27	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	63.37	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	71.00	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	124.84	
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	134.31	
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	184.83	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	205.70	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	241.63	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	250.46	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	289.50	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	326.52	
33 42 26 16-0089		**Corrugated Aluminum Pipe End Sections** *(33 42 26 16-0001)*		
33 42 26 16-0090		**Corrugated Aluminum Pipe End Sections** *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	532.32	80.52
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	615.69	86.28
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	733.46	92.02
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	913.84	100.65
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,201.10	109.28
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,814.89	123.66
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	2,474.06	146.68
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,092.84	146.68
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,950.57	171.13
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	5,656.34	195.57
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	6,255.29	244.46
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,444.29	293.35
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,525.23	440.03
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	11,114.71	586.70
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,143.27	629.48
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,810.45	672.26
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	17,593.77	733.38
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	19,483.36	794.49
33 42 26 16-0109		**Toe Plate Extensions For Corrugated Aluminum Pipe End Section** *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	83.34	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	88.48	
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	96.26	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	108.61	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	115.08	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	148.72	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	176.36	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	186.69	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	204.85	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	231.57	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	274.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	388.33	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	416.40	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	523.77	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	566.32	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	603.25	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	642.18	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	681.43	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	635.69	86.28
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	782.21	92.02
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	849.18	100.65
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	916.09	109.28
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,387.38	123.66
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,502.50	146.68
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,659.38	146.68
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,563.62	171.13
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	5,505.66	195.57
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,296.20	244.46
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,613.46	293.35
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	12,772.81	440.03
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	13,360.72	586.70
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	14,550.87	629.48
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	15,181.91	672.26
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	16,548.16	733.38
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	17,524.41	794.49
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	88.48	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	96.26	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	101.38	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	111.10	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	126.00	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	163.29	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	179.77	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	204.85	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	231.57	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	274.29	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	351.68	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	447.09	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	600.47	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	683.08	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	714.62	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	739.91	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	771.20	
33 42 26 16-0165		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0166		4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	827.77	86.28
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,073.40	92.02
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,318.96	100.65
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,582.19	109.28
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,670.84	123.66
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,187.20	146.68
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	3,486.32	171.13
33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	597.11	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	1,213.11	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	1,331.32	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	1,383.19	
33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	868.40	86.28
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,146.49	92.02
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,534.02	100.65
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,805.71	109.28
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,145.34	123.66
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,606.02	146.68
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	4,010.34	171.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	1,174.17	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	1,244.75	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	1,368.71	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	1,434.96	
33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)*		
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	99.25	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	111.88	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	121.81	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	136.20	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	209.34	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	224.73	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	303.43	
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	987.82	92.02
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,245.23	100.65
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,477.77	109.28
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	2,817.22	123.66
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	713.54	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	1,313.42	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	1,383.19	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	2,043.30	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	100.21	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	114.00	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	124.30	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	147.12	
33 42 26 19		**Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping *(33 42 26)***		
33 42 26 19-0001		Corrugated High-Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*		
33 42 26 19-0002	EA	4" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	56.40	22.24
33 42 26 19-0003	EA	6" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	97.75	33.35
33 42 26 19-0004	EA	8" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	129.45	41.69
33 42 26 19-0005	EA	10" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	204.82	66.70
33 42 26 19-0006	EA	12" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	239.45	75.03
33 42 26 19-0007	EA	15" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	255.04	80.59
33 42 26 19-0008	EA	18" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	297.40	88.93
33 42 26 19-0009	EA	24" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	375.81	105.61
33 42 26 19-0010	EA	30" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	685.74	119.50
33 42 26 19-0011	EA	36" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe	825.22	133.39
33 42 26 23		**Concrete End Sections for Stormwater Piping *(33 42 26)***		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	760.64	134.93
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	1,019.53	167.03
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	1,262.87	211.43
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,450.37	252.84
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,544.09	292.64
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,942.88	364.24
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	2,414.33	547.09
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	2,982.53	690.35
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	3,611.71	865.99
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	3,961.29	976.62
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	4,323.76	1,093.96
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	4,695.50	1,216.18
33 42 26 23-0015	EA	66" Diameter Pipe Precast Concrete End Section	4,660.39	980.66
33 42 26 23-0016	EA	72" Diameter Pipe Precast Concrete End Section	5,349.08	1,225.81
33 42 26 23-0017	EA	78" Diameter Pipe Precast Concrete End Section	6,368.08	1,532.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 23-0018	EA	84" Diameter Pipe Precast Concrete End Section	7,537.96	1,838.71
33 42 26 23-0019		**Flared Precast Concrete End Sections** *(33 42 26 23-0001)*		
33 42 26 23-0020	EA	12" Diameter Pipe, Flared Precast Concrete End Section	952.78	142.39
33 42 26 23-0021	EA	15" Diameter Pipe, Flared Precast Concrete End Section	1,147.90	177.48
33 42 26 23-0022	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,394.58	224.66
33 42 26 23-0023	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,594.82	268.66
33 42 26 23-0024	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,944.24	310.95
33 42 26 23-0025	EA	27" Diameter Pipe, Flared Precast Concrete End Section	2,357.72	496.62
33 42 26 23-0026	EA	30" Diameter Pipe, Flared Precast Concrete End Section	2,470.92	683.75
33 42 26 23-0027	EA	36" Diameter Pipe, Flared Precast Concrete End Section	3,331.95	862.94
33 42 26 23-0028	EA	42" Diameter Pipe, Flared Precast Concrete End Section	4,003.34	1,082.71
33 42 26 23-0029	EA	48" Diameter Pipe, Flared Precast Concrete End Section	4,337.13	1,221.08
33 42 26 23-0030	EA	54" Diameter Pipe, Flared Precast Concrete End Section	4,851.32	1,367.62
33 42 26 23-0031	EA	60" Diameter Pipe, Flared Precast Concrete End Section	5,375.51	1,519.07
33 42 26 23-0032	EA	66" Diameter Pipe, Flared Precast Concrete End Section	6,267.50	1,750.20
33 42 26 23-0033	EA	72" Diameter Pipe, Flared Precast Concrete End Section	7,300.83	1,953.47
33 42 26 23-0034	EA	78" Diameter Pipe, Flared Precast Concrete End Section	8,277.00	2,197.56
33 42 26 23-0035	EA	84" Diameter Pipe, Flared Precast Concrete End Section	9,537.92	2,441.41
33 42 26 23-0036		**Elliptical Precast Concrete End Sections** *(33 42 26 23-0001)*		
33 42 26 23-0037	EA	14" x 23" Elliptical Precast Concrete End Section	1,658.89	224.66
33 42 26 23-0038	EA	18" x 24" Elliptical Precast Concrete End Section	1,892.69	268.66
33 42 26 23-0039	EA	19" x 30" Elliptical Precast Concrete End Section	2,313.58	310.95
33 42 26 23-0040	EA	22" x 34" Elliptical Precast Concrete End Section	2,760.75	496.62
33 42 26 23-0041	EA	24" x 38" Elliptical Precast Concrete End Section	2,831.96	683.75
33 42 26 23-0042	EA	27" x 42" Elliptical Precast Concrete End Section	3,336.50	773.72
33 42 26 23-0043	EA	29" x 45" Elliptical Precast Concrete End Section	3,841.04	862.94
33 42 26 23-0044	EA	34" x 53" Elliptical Precast Concrete End Section	4,597.83	1,082.71
33 42 26 23-0045	EA	38" x 60" Elliptical Precast Concrete End Section	4,963.08	1,221.08
33 42 26 23-0046	EA	43" x 68" Elliptical Precast Concrete End Section	5,550.83	1,367.62
33 42 26 23-0047	EA	48" x 76" Elliptical Precast Concrete End Section	6,148.98	1,519.07
33 42 26 23-0048		**Mitered Precast Concrete End Sections** *(33 42 26 23-0001)*		
33 42 26 23-0049	EA	12" Round Mitered Precast Concrete End Sections	550.84	142.39
33 42 26 23-0050	EA	15" Round Mitered Precast Concrete End Sections	602.18	177.48
33 42 26 23-0051	EA	18" Round Mitered Precast Concrete End Sections	727.08	224.66
33 42 26 23-0052	EA	24" Round Mitered Precast Concrete End Sections	1,051.50	310.95
33 42 26 23-0053	EA	12" x 18" Elliptical Mitered Precast Concrete End Sections	644.44	177.48
33 42 26 23-0054	EA	14" x 23" Elliptical Mitered Precast Concrete End Sections	802.20	224.66
33 42 26 23-0055	EA	19" x 30" Elliptical Mitered Precast Concrete End Sections	1,143.05	310.95
33 42 31		**Stormwater Area Drains and Inlets** *(33 42)*		
33 42 31 00-0001		Storm Drains *(33 42 31)*		
33 42 31 00-0002		Catch Basins And Inlet Basins *(33 42 31 00-0001)* Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,920.13	362.56
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,291.01	424.81
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,661.88	486.95
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,032.75	549.21
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,403.62	611.35
33 42 31 00-0010		**3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins** *(33 42 31 00-0003)*		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,443.36	360.38
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,029.63	480.51
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,877.55	655.24
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,715.76	764.45
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,388.88	873.66
33 42 31 00-0016		**4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins** *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,624.82	393.14
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,635.03	546.03
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,452.17	709.84
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,141.65	819.05
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	6,524.01	1,048.39
33 42 31 00-0022		Cast In Place, Catch Basin *(33 42 31 00-0002)* Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,417.18	438.36
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,564.44	466.10
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,803.50	500.61
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,148.71	554.12
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,397.03	589.83
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,558.35	618.55
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,806.89	654.26
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,964.01	683.09
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,214.84	718.69
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,373.87	747.52
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,622.29	783.23
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	577.82	97.85
33 42 31 00-0036		**3'-6" x 3'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,782.50	506.72
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,969.18	542.32
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,218.05	578.03
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,621.59	640.17
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,894.38	680.58
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,079.94	714.11
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,356.70	754.51
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,542.25	788.04
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,817.22	828.45
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,002.29	861.97
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,277.37	902.38
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	659.70	112.81
33 42 31 00-0049		**4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,173.92	579.67
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,370.42	616.47
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,656.43	660.05
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,118.96	730.92
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,420.06	776.03
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,631.56	814.36
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,932.67	859.46
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,144.66	897.79
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,445.77	942.89
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,657.27	981.23
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,958.37	1,026.44
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	744.75	128.31
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,681.04	672.17
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,911.81	710.18
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,230.41	759.32
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,758.08	839.91
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,094.23	890.80
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,340.88	934.82
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,676.52	985.71
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,923.18	1,029.83
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,259.32	1,080.72
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,503.68	1,124.72
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,841.62	1,175.61
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	855.26	146.99
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,737.48	852.58
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,325.34	942.13
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,690.25	997.94
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,963.37	1,046.86
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,324.20	1,102.56
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,599.61	1,151.48
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,962.24	1,207.29
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,233.56	1,256.21
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,598.48	1,311.90
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,330.86	164.03
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,269.42	950.76
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,148.68	1,076.25
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,554.75	1,138.26
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,869.01	1,193.86
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,276.87	1,256.32
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,593.43	1,311.90
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,999.50	1,374.37
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,313.76	1,429.96
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,719.83	1,492.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,089.99	186.52
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,829.68	1,053.52
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,799.07	1,191.23
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,234.56	1,258.72
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,578.73	1,319.33
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,011.94	1,386.82
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,357.92	1,447.43
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,791.60	1,514.92
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,135.30	1,575.53
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,570.77	1,643.03
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,196.40	205.41
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	6,414.19	1,161.20
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,768.87	1,345.32
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,249.88	1,420.02
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,641.25	1,487.84
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,122.24	1,562.43
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,513.63	1,630.36
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,994.62	1,704.94
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,386.01	1,772.76
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,868.81	1,847.46
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,358.55	230.98
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	7,025.43	1,273.57
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,509.57	1,474.52
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,020.64	1,554.45
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,440.41	1,627.41
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,953.67	1,707.23
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,373.44	1,780.30
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,884.51	1,860.13
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,306.57	1,933.18
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,817.54	2,013.02
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,477.24	251.61
33 42 31 00-0130		**7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	7,995.84	1,429.41
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,280.45	1,608.95
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,819.81	1,694.02
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,271.95	1,772.21
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,813.48	1,857.29
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,265.61	1,935.48
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,804.96	2,020.55
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,257.10	2,098.74
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,798.75	2,183.82
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,599.80	273.02
33 42 31 00-0141		**8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	8,691.79	1,555.22
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,079.49	1,748.63
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,649.53	1,838.83
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,131.73	1,922.27
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,701.66	2,012.47
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,179.29	2,095.91
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,753.79	2,186.11
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,236.00	2,269.54
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,796.23	2,359.75
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,725.74	294.97
33 42 31 00-0152		**Precast Concrete Catch Basins** *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0153		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	768.43	247.09
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	1,073.49	370.64
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,364.22	481.83
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,631.75	569.55
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	2,013.41	722.74
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	2,304.66	833.94
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	160.89	55.59
33 42 31 00-0161		**2' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	874.45	274.90
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,214.97	407.71
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,537.84	537.43
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,833.28	627.00
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	2,276.30	803.06
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,602.28	926.60
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	181.72	66.71
33 42 31 00-0169		**3' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	1,146.61	324.31
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,571.92	479.36
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,980.86	633.17
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,466.92	790.70
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,916.16	942.66
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	3,350.94	1,097.09
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	231.07	78.36
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,381.08	360.75
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,800.97	494.19
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,426.75	741.27
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	3,028.40	926.60
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	3,582.77	1,111.92
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	4,121.28	1,297.23
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	283.53	92.66
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,860.87	494.19
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,559.86	741.27
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	3,262.48	988.37
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	3,994.13	1,235.46
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	4,716.13	1,482.56
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	5,491.39	1,729.65
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	377.29	123.54
33 42 31 00-0193		**6' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,726.25	741.27
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,715.89	1,111.92
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	4,771.29	1,482.56
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	5,947.46	1,853.20
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	7,090.36	2,223.83
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	8,209.65	2,594.47
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	562.61	185.32
33 42 31 00-0201		**Precast Catch Basins Accessories** *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,713.07	803.06
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	735.59	98.84
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	423.32	105.01
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	531.95	154.43
		For Each Additional Inch In Height, Add	*62.90*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	628.09	185.32
		For Each Additional Inch In Height, Add	*73.77*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	732.52	216.20
		For Each Additional Inch In Height, Add	*86.09*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	924.36	308.87
		For Each Additional Inch In Height, Add	*102.63*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	741.23	
33 42 31 00-0210		**Catch Basin Risers** *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	439.77	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	489.94	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	549.57	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	473.29	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	526.85	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	592.91	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	523.09	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	570.70	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	637.01	
33 42 31 00-0220		**Cast In Place, Storm Drain Cleanout** *(33 42 31 00-0002)*		
		Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,079.54	864.70
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,809.09	986.80
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,635.62	1,119.92
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	7,960.10	1,343.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	9,700.07	1,621.94
33 42 31 00-0226		Precast Concrete Inlet Boxes *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0227		Precast Concrete Inlet Boxes *(33 42 31 00-0226)*		
33 42 31 00-0228		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)* Note: Yard inlet.		
33 42 31 00-0229		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	931.73	86.48
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,095.25	105.01
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,258.78	123.54
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,423.85	142.85
33 42 31 00-0234		24" x 24" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	231.47	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	376.46	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	533.81	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	691.16	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	848.50	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	1,005.86	
33 42 31 00-0241		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0242		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,910.87	244.46
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,149.32	282.65
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,387.77	320.86
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,626.42	359.14
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,865.05	397.43
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,103.68	435.72
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,342.33	474.00
33 42 31 00-0250		22" x 48" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	453.08	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	733.22	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	795.05	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,018.88	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,242.71	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,461.28	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,699.73	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,938.18	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,176.83	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,415.46	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,654.09	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,892.74	
33 42 31 00-0263		30" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0264		30" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,841.36	268.91
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,080.08	310.92
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,318.80	352.94
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,557.72	395.05
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,796.65	437.17
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,035.56	479.29
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,274.48	521.41
33 42 31 00-0272		30" x 48" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	450.81	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	720.72	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	784.30	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,003.76	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,223.23	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,441.49	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,676.84	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,910.97	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,146.33	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,380.46	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,615.83	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,851.18	
33 42 31 00-0285		42" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0286		42" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0285)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,191.15	293.35
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,471.56	341.02
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,751.99	389.91
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,031.18	437.58
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,311.59	486.48
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,592.01	534.14
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,871.20	581.82
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	498.24	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	813.13	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	878.54	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,127.78	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,377.03	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,626.28	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,892.02	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,157.78	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,423.52	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,689.28	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,955.02	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	3,220.78	
33 42 31 00-0307		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	1,242.30	183.35
33 42 31 00-0309		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0310		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,112.64	325.95
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,487.88	379.52
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,863.13	433.09
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,237.98	486.48
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,612.84	539.86
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,987.71	593.24
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	5,362.56	646.62
33 42 31 00-0318		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	500.34	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	801.02	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,170.98	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,540.93	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,890.51	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,260.47	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,635.71	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,010.96	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,385.82	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,760.67	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,135.54	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,510.39	
33 42 31 00-0331		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,350.20	198.62
33 42 31 00-0333		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0334		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,586.78	410.69
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,998.97	479.30
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,411.13	547.93
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,822.55	616.17
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,233.98	684.40
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,645.39	752.64
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	6,056.81	820.88
33 42 31 00-0342		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	548.73	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	857.91	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,269.75	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,681.59	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,059.20	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,471.04	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,883.22	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,295.39	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,706.81	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,118.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,529.65	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,941.07	
33 42 31 00-0355		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,501.05	222.46
33 42 31 00-0357		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0358		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0357)*		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,490.46	553.70
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,011.81	645.37
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,533.17	735.82
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,053.32	827.49
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,574.67	917.95
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,094.81	1,008.40
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,617.38	1,100.07
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	734.04	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,128.27	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,641.08	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,153.88	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,631.23	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,144.03	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,665.39	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,186.75	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,706.89	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,228.25	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,748.38	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	6,269.74	
33 42 31 00-0379		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	2,049.71	244.46
33 42 31 00-0381		**Frames And Grates For Inlets** *(33 42 31 00-0226)*		
33 42 31 00-0382		**Inlet Frames And Grates** *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy-Duty Inlet Grate Note: For type A, B, D, or E inlets.	435.12	57.51
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	562.37	57.51
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	562.37	57.51
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	562.37	57.51
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	615.63	57.51
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	464.39	115.04
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	538.94	115.04
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	671.02	143.79
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	575.16	143.79
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	585.81	143.79
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	607.11	143.79
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	628.41	143.79
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	607.11	143.79
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	628.41	143.79
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	649.72	143.79
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	926.63	143.79
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	969.24	143.79
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	1,011.84	143.79
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	692.32	143.79
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	628.41	143.79
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	628.41	143.79
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,269.33	143.79
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,269.33	143.79
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	529.36	158.18
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	731.72	158.18
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	731.72	158.18
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	806.27	158.18
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	923.43	158.18
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	795.62	158.18
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,125.80	158.18
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	997.99	158.18
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,290.89	230.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	2,057.74	230.07
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,258.94	230.07
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,957.63	230.07
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	2,106.76	345.11
33 42 31 00-0419	EA	Heavy-Duty Rectangular Frame And Grate (Campbell Foundry 3084)	2,176.00	460.13
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,379.43	460.13
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,379.43	460.13
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	2,113.16	460.13
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	2,113.16	460.13
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,464.64	460.13

33 42 31 00-0425 Concrete Drainage Inlet Structures (CALTRANS) *(33 42 31 00-0001)*

33 42 31 00-0426 Type OS Concrete Drainage Inlet Structure *(33 42 31 00-0425)*

33 42 31 00-0427	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,881.99
33 42 31 00-0428	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,348.02
33 42 31 00-0429	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,780.63
33 42 31 00-0430	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,179.82
33 42 31 00-0431	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,545.61
33 42 31 00-0432	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,877.98
33 42 31 00-0433	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,637.54
33 42 31 00-0434	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,737.75
33 42 31 00-0435	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,753.12
33 42 31 00-0436	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,686.12
33 42 31 00-0437	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,583.51
33 42 31 00-0438	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	11,408.33
33 42 31 00-0439	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	12,160.58

33 42 31 00-0440 Type OL-7 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*

33 42 31 00-0441	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,924.40
33 42 31 00-0442	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,359.89
33 42 31 00-0443	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,761.97
33 42 31 00-0444	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,130.63
33 42 31 00-0445	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,464.63
33 42 31 00-0446	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,766.46
33 42 31 00-0447	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,473.77
33 42 31 00-0448	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,548.22
33 42 31 00-0449	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,537.82
33 42 31 00-0450	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,443.81
33 42 31 00-0451	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,318.87
33 42 31 00-0452	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,121.35
33 42 31 00-0453	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,851.26

33 42 31 00-0454 Type OL-10 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*

33 42 31 00-0455	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,885.07
33 42 31 00-0456	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,292.68
33 42 31 00-0457	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,665.64
33 42 31 00-0458	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,006.43
33 42 31 00-0459	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,312.55
33 42 31 00-0460	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,585.27
33 42 31 00-0461	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,309.99
33 42 31 00-0462	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,357.44
33 42 31 00-0463	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,322.51
33 42 31 00-0464	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,202.74
33 42 31 00-0465	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,054.22
33 42 31 00-0466	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,834.37
33 42 31 00-0467	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,540.70

33 42 31 00-0468 Type OL-14 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*

33 42 31 00-0469	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,254.52
33 42 31 00-0470	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,620.94
33 42 31 00-0471	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,953.95
33 42 31 00-0472	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,253.54
33 42 31 00-0473	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,519.73
33 42 31 00-0474	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,752.50
33 42 31 00-0475	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,494.64
33 42 31 00-0476	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,505.49
33 42 31 00-0477	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,432.73
33 42 31 00-0478	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,276.37
33 42 31 00-0479	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,097.33
33 42 31 00-0480	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,844.48
33 42 31 00-0481	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,519.07

33 42 31 00-0482 Type OL-21 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*

33 42 31 00-0483	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,034.30
33 42 31 00-0484	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,318.88
33 42 31 00-0485	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,570.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0486	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,787.79	
33 42 31 00-0487	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,970.89	
33 42 31 00-0488	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,121.81	
33 42 31 00-0489	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,811.68	
33 42 31 00-0490	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,750.40	
33 42 31 00-0491	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,605.51	
33 42 31 00-0492	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,377.01	
33 42 31 00-0493	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,135.32	
33 42 31 00-0494	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,819.83	
33 42 31 00-0495	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,431.77	
33 42 31 00-0496		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0497	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,762.43	
33 42 31 00-0498	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,243.08	
33 42 31 00-0499	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,685.37	
33 42 31 00-0500	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,089.27	
33 42 31 00-0501	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,456.02	
33 42 31 00-0502	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,785.62	
33 42 31 00-0503	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,640.99	
33 42 31 00-0504	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,837.63	
33 42 31 00-0505	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,940.25	
33 42 31 00-0506	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,947.61	
33 42 31 00-0507	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,922.32	
33 42 31 00-0508	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,815.38	
33 42 31 00-0509	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,625.58	
33 42 31 00-0510		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0511	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,804.84	
33 42 31 00-0512	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,253.74	
33 42 31 00-0513	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,665.47	
33 42 31 00-0514	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,040.06	
33 42 31 00-0515	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,376.27	
33 42 31 00-0516	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,674.11	
33 42 31 00-0517	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,529.49	
33 42 31 00-0518	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,698.05	
33 42 31 00-0519	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,772.61	
33 42 31 00-0520	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,753.14	
33 42 31 00-0521	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,703.41	
33 42 31 00-0522	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,572.05	
33 42 31 00-0523	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,359.05	
33 42 31 00-0524		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0525	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,941.76	
33 42 31 00-0526	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,321.30	
33 42 31 00-0527	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,672.79	
33 42 31 00-0528	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,998.72	
33 42 31 00-0529	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,299.07	
33 42 31 00-0530	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,571.38	
33 42 31 00-0531		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0532	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,677.59	
33 42 31 00-0533	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,104.09	
33 42 31 00-0534	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,500.04	
33 42 31 00-0535	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,865.45	
33 42 31 00-0536	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,200.31	
33 42 31 00-0537	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,503.42	
33 42 31 00-0538	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,097.48	
33 42 31 00-0539	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,112.53	
33 42 31 00-0540	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,050.73	
33 42 31 00-0541	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,912.06	
33 42 31 00-0542	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,740.63	
33 42 31 00-0543	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,502.51	
33 42 31 00-0544	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,196.48	
33 42 31 00-0545		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0546	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,105.28	
33 42 31 00-0547	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,479.49	
33 42 31 00-0548	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,826.90	
33 42 31 00-0549	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,148.74	
33 42 31 00-0550	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,442.53	
33 42 31 00-0551	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,710.75	
33 42 31 00-0552		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0553	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,595.82	
33 42 31 00-0554	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,024.98	
33 42 31 00-0555	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,423.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0556	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,790.44	
33 42 31 00-0557	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,127.98	
33 42 31 00-0558	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,433.73	
33 42 31 00-0559	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,062.64	
33 42 31 00-0560	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,079.64	
33 42 31 00-0561	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,018.54	
33 42 31 00-0562	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,880.59	
33 42 31 00-0563	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,709.73	
33 42 31 00-0564	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,472.17	
33 42 31 00-0565	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,167.96	
33 42 31 00-0566		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0567	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,677.59	
33 42 31 00-0568	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,104.09	
33 42 31 00-0569	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,500.04	
33 42 31 00-0570	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,865.45	
33 42 31 00-0571	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,200.31	
33 42 31 00-0572	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,503.42	
33 42 31 00-0573	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,097.48	
33 42 31 00-0574	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,112.53	
33 42 31 00-0575	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,050.73	
33 42 31 00-0576	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,912.06	
33 42 31 00-0577	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,740.63	
33 42 31 00-0578	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,502.51	
33 42 31 00-0579	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,196.48	
33 42 31 00-0580		**Type G-5 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0581	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,084.83	
33 42 31 00-0582	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,459.41	
33 42 31 00-0583	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,808.41	
33 42 31 00-0584	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,129.37	
33 42 31 00-0585	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,424.75	
33 42 31 00-0586	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,693.32	
33 42 31 00-0587		**Type G-6 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0588	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,125.72	
33 42 31 00-0589	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,499.57	
33 42 31 00-0590	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,846.63	
33 42 31 00-0591	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,166.87	
33 42 31 00-0592	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,460.31	
33 42 31 00-0593	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,728.17	
33 42 31 00-0594		**Type GT1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0595	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,556.49	
33 42 31 00-0596	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,141.45	
33 42 31 00-0597	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,724.04	
33 42 31 00-0598	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,186.26	
33 42 31 00-0599	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,644.88	
33 42 31 00-0600	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,062.64	
33 42 31 00-0601		**Type GT2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0602	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,312.75	
33 42 31 00-0603	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,949.56	
33 42 31 00-0604	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,539.15	
33 42 31 00-0605	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,082.75	
33 42 31 00-0606	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,579.13	
33 42 31 00-0607	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,029.52	
33 42 31 00-0608	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,407.53	
33 42 31 00-0609	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,904.01	
33 42 31 00-0610	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,285.38	
33 42 31 00-0611	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,552.85	
33 42 31 00-0612	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,773.95	
33 42 31 00-0613	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,895.04	
33 42 31 00-0614	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,916.11	
33 42 31 00-0615		**Type GT3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0616	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,536.06	
33 42 31 00-0617	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,121.37	
33 42 31 00-0618	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,665.80	
33 42 31 00-0619	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,168.13	
33 42 31 00-0620	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,627.11	
33 42 31 00-0621	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,045.22	
33 42 31 00-0622		**Type GT4 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0623	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,455.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0624	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,087.68	
33 42 31 00-0625	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,673.54	
33 42 31 00-0626	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,212.16	
33 42 31 00-0627	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,704.80	
33 42 31 00-0628	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,151.47	
33 42 31 00-0629	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,424.95	
33 42 31 00-0630	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,921.08	
33 42 31 00-0631	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,302.09	
33 42 31 00-0632	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,567.96	
33 42 31 00-0633	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,788.77	
33 42 31 00-0634	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,909.58	
33 42 31 00-0635	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,930.38	
33 42 31 00-0636		**Type GO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0637	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,534.50	
33 42 31 00-0638	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,945.88	
33 42 31 00-0639	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,327.44	
33 42 31 00-0640	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,679.16	
33 42 31 00-0641	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,001.05	
33 42 31 00-0642	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,294.37	
33 42 31 00-0643	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,905.84	
33 42 31 00-0644	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,890.74	
33 42 31 00-0645	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,799.10	
33 42 31 00-0646	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,633.41	
33 42 31 00-0647	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,437.58	
33 42 31 00-0648	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,175.09	
33 42 31 00-0649	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,848.41	
33 42 31 00-0650		**Type GDO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0651	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,311.22	
33 42 31 00-0652	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,851.94	
33 42 31 00-0653	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,353.64	
33 42 31 00-0654	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,817.57	
33 42 31 00-0655	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,241.23	
33 42 31 00-0656	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,627.10	
33 42 31 00-0657	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,595.71	
33 42 31 00-0658	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,865.07	
33 42 31 00-0659	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,037.48	
33 42 31 00-0660	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,114.15	
33 42 31 00-0661	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	12,150.38	
33 42 31 00-0662	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	13,102.37	
33 42 31 00-0663	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	13,970.11	
33 42 31 00-0664		**Catch Basin Frames And Covers** *(33 42 31 00-0001)*		
33 42 31 00-0665		**Cast Iron Frames And Covers** *(33 42 31 00-0664)*		
33 42 31 00-0666	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	1,127.19	123.54
33 42 31 00-0667	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	1,433.45	139.61
33 42 31 00-0668	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,629.64	144.55
33 42 31 00-0669	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	1,839.25	168.02
33 42 31 00-0670	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	2,165.55	191.49
33 42 31 00-0671	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	3,486.85	200.15
33 42 31 00-0672	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	1,877.67	151.97
33 42 31 00-0673	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	2,458.26	175.44
33 42 31 00-0674	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	2,786.42	182.85
33 42 31 00-0675	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	2,628.45	182.85
33 42 31 00-0676	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	2,716.03	190.27
33 42 31 00-0677	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	2,919.45	197.67
33 42 31 00-0678	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	3,520.37	212.50
33 42 31 00-0679		**Area Yard Drain** *(33 42 31 00-0001)*		
		See CSI section 22 14 26 16-0001 for drains.		
33 42 31 00-0680		**Ductile Iron Grates** *(33 42 31 00-0679)*		
		Note: Not for traffic loading.		
33 42 31 00-0681	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	165.71	41.69
33 42 31 00-0682	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	201.58	44.46
33 42 31 00-0683	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	457.70	55.58
33 42 31 00-0684	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	546.96	66.70
33 42 33		**Stormwater Curbside Drains and Inlets** *(33 42)*		
33 42 33 00-0001		**Curb Inlet Frames And Covers** *(33 42 33)*		
33 42 33 00-0002		**Cast Iron Curb Inlet Frames And Covers** *(33 42 33 00-0001)*		
33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	2,354.88	144.55
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	2,516.43	168.02
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	2,619.92	168.02
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	2,868.61	197.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	2,833.56	211.26

33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*

See CSI section 03 31 13 00-0011 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*

Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0006	LF	4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain (Zurn Z844-C)	73.87	19.77
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	55.69
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	68.04
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	68.04

33 42 36 00-0011 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0012 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0013 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0014	LF	6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	226.38	19.77
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	103.33
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	115.68
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	115.68

33 42 36 00-0019 Other Fittings For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	197.60
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	197.60
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	935.29
33 42 36 00-0023	EA	Cross For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,808.81
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	218.38

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	329.02	19.77
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	

33 42 36 00-0028 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	112.06
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	124.41
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	124.41

33 42 36 00-0032 Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	197.60
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	197.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	935.29	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,808.81	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	218.38	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	425.11	19.77
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	181.94	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	194.29	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	194.29	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	197.60	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	197.60	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	935.29	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,808.81	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	218.38	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	496.36	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	197.34	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	240.85	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	77.82	
33 42 36 00-0058		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0059		12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0060		12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	425.60	27.18
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0062		Outlet Adapters For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	212.02	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	228.49	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	228.49	
33 42 36 00-0066		Other Fittings For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	352.92	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	462.11	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,842.07	
33 42 36 00-0070	EA	Cross For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,589.11	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	436.76	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	534.79	27.18
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	220.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	237.23	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	237.23	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	352.92	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	462.11	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,842.07	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,589.11	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	436.76	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	753.17	27.18
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	548.33	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	564.80	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	564.80	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	352.92	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	462.11	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,842.07	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,589.11	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	436.76	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	665.72	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	335.11	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	576.92	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	135.63	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0105)*		
33 42 36 00-0107		23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	596.59	37.06
		For Acid Resistant Coated Frame, Add	*170.34*	
		For Galvanized Frame Assembly, Add	*170.34*	
		For Type 304 Stainless Steel Top Frame, Add	*1,048.22*	
33 42 36 00-0109		Outlet Adapters For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	672.86	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	983.34	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	983.34	
33 42 36 00-0113		Other Fittings For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	801.39	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,648.49	
33 42 36 00-0116	EA	Cross For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	7,142.57	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	873.52	
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	45.68	3.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	48.01	3.70
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	38.71	3.70
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	102.62	3.70
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	38.71	3.70
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	102.62	3.70
33 42 36 00-0126		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	215.82	3.70
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	182.85	3.70
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	192.02	3.70
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	167.78	3.70
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	180.88	3.70
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	183.07	3.70
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	183.07	3.70
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	180.88	3.70
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	159.05	3.70
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	159.05	3.70
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	169.09	3.70
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	169.09	3.70
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	220.19	3.70
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	220.19	3.70
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	403.63	3.70
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	403.63	3.70
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,124.29	3.70
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	150.31	3.70
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	325.01	3.70
33 42 36 00-0146		12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	596.42	4.01
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	570.21	4.01
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	495.96	4.01
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	521.07	4.01
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	450.10	4.01
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	881.40	4.01
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	881.40	4.01
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,124.90	4.01
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,124.90	4.01
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,436.09	4.01
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,436.09	4.01
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,362.93	4.01
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	643.37	4.01
33 42 36 00-0160		23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	942.08	4.33
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	793.58	4.33
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,230.34	4.33
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	911.50	4.33

33 44 Storm Utility Water Drains *(33 40)*

33 44 33 Stormwater Trash and Debris Guards *(33 44)*

33 44 33 00-0001 Storm Water Trash Collection *(33 44 33)*

33 44 33 00-0002 Trash Racks And Debris Cages For Storm Water Structures *(33 44 33 00-0001)*

33 44 33 00-0003 High-Density Polyethylene (HDPE) Structural Trash Rack And Debris Cage *(33 44 33 00-0002)*

33 44 33 00-0004	EA	30" Diameter High-Density Polyethylene (HDPE) Pyramid Trash Rack Note: For 24" inside diameter concrete pipe.	2,350.95	160.15
33 44 33 00-0005	EA	44" Diameter High-Density Polyethylene (HDPE) Pyramid Trash Rack Note: For 36" inside diameter concrete pipe.	2,769.80	176.16
33 44 33 00-0006	EA	58" Diameter High-Density Polyethylene (HDPE) Pyramid Trash Rack Note: For 48" inside diameter concrete pipe.	3,882.43	200.19
33 44 33 00-0007	EA	72" Diameter High-Density Polyethylene (HDPE) Pyramid Trash Rack Note: For 60" inside diameter concrete pipe.	4,956.93	240.23
33 44 33 00-0008	SF	Up To 4 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	208.81	24.02
33 44 33 00-0009	SF	>4 To 8 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	149.71	20.02
33 44 33 00-0010	SF	>8 To 12 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	119.10	16.02
33 44 33 00-0011	SF	>12 To 20 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	105.44	14.02
33 44 33 00-0012	SF	>20 To 35 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	99.24	12.01
33 44 33 00-0013	SF	>35 To 55 SF Opening Flat Roof High-Density Polyethylene (HDPE) Trash Rack	89.68	10.03
33 44 33 00-0014	SF	Up To 4 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	253.01	24.02
33 44 33 00-0015	SF	>4 To 8 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	180.47	20.02
33 44 33 00-0016	SF	>8 To 12 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	143.53	16.02
33 44 33 00-0017	SF	>12 To 20 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	127.13	14.02
33 44 33 00-0018	SF	>20 To 35 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	120.05	12.01
33 44 33 00-0019	SF	>35 To 55 SF Opening Arched Roof High-Density Polyethylene (HDPE) Trash Rack	108.78	10.03

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 33 00-0020			Galvanized Steel Structural Trash Rack And Debris Cage *(33 44 33 00-0002)*		
33 44 33 00-0021		EA	30" Diameter Galvanized Steel Pyramid Trash Rack With Baffle Note: For 24" inside diameter concrete pipe.	4,116.72	240.23
33 44 33 00-0022		EA	44" Diameter Galvanized Steel Pyramid Trash Rack With Baffle Note: For 36" inside diameter concrete pipe.	5,100.83	266.91
33 44 33 00-0023		EA	58" Diameter Galvanized Steel Pyramid Trash Rack With Baffle Note: For 48" inside diameter concrete pipe.	5,815.33	298.95
33 44 33 00-0024		EA	72" Diameter Galvanized Steel Pyramid Trash Rack With Baffle Note: For 60" inside diameter concrete pipe.	6,457.13	360.34
33 44 33 00-0025		SF	Up To 4 SF Opening Flat Roof Galvanized Steel Trash Rack	251.35	36.03
33 44 33 00-0026		SF	>4 To 8 SF Opening Flat Roof Galvanized Steel Trash Rack	181.52	30.02
33 44 33 00-0027		SF	>8 To 12 SF Opening Flat Roof Galvanized Steel Trash Rack	144.44	24.02
33 44 33 00-0028		SF	>12 To 20 SF Opening Flat Roof Galvanized Steel Trash Rack	127.79	21.02
33 44 33 00-0029		SF	>20 To 35 SF Opening Flat Roof Galvanized Steel Trash Rack	119.72	18.02
33 44 33 00-0030		SF	>35 To 55 SF Opening Flat Roof Galvanized Steel Trash Rack	107.82	15.02
33 44 36			**Oil and Stormwater Separators** *(33 44)*		
33 44 36 00-0001			Oil/Water Separator *(33 44 36)* Note: Complete with internal sensors and detectors.		
33 44 36 00-0002			Coalescing Oil Water Separator *(33 44 36 00-0001)* Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
33 44 36 00-0003			Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*		
33 44 36 00-0004		EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	19,663.21	
			For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0005		EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	24,042.90	
			For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0006		EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	28,779.08	
			For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0007			Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*		
33 44 36 00-0008		EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	30,503.78	
			For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0009		EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	35,074.92	
			For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0010		EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	42,816.71	
			For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0011		EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	49,822.70	
			For Interior Polyurethane Coating, Add	*1,550.70*	
33 44 36 00-0012		EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	66,140.45	
			For Interior Polyurethane Coating, Add	*2,057.80*	
33 44 36 00-0013			Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*		
33 44 36 00-0014		EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,193.88	
33 44 36 00-0015		EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,626.24	
33 44 36 00-0016		EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	971.82	
33 44 36 00-0017		EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	714.76	
33 44 36 00-0018		EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	232.77	
33 44 36 00-0019		EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	4,180.74	
33 44 36 00-0020		EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	8,361.46	
33 44 36 00-0021		EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	12,542.30	
33 44 36 00-0022		EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	754.39	
33 44 36 00-0023		EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	891.49	
33 44 36 00-0024		EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,782.97	
33 44 36 00-0025		EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,959.77	
33 44 36 00-0026		EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,075.72	
33 44 36 00-0027		EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,402.43	
33 44 36 00-0028		EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,943.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,545.74	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,561.13	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,726.47	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	7,221.72	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,428.83	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,741.59	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,735.56	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,362.43	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,653.76	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,962.24	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	115.68	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	130.67	

33 44 36 00-0041 Oil Skimmers *(33 44 36)*

33 44 36 00-0042 Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*

33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,186.79	668.84
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,422.59	668.84
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,208.63	668.84
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,511.01	668.84
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,456.43	668.84
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,656.20	668.84
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,507.73	668.84
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,809.03	668.84
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,886.23	891.97
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	6,138.40	891.97
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,952.82	891.97
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,315.25	891.97
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,523.75	891.97
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,775.92	891.97
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,577.24	891.97
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,940.76	891.97

33 44 36 00-0059 Oil Skimmers, Add-Ons *(33 44 36 00-0041)*

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	273.01
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	321.04

33 44 36 00-0064 Inclined Plate Hydrodynamic Separator *(33 44 36)*

Note: Includes precast base, riser and lid slab, aluminum incline plate assembly, sludge dispersion manifold, oil sorbent booms, two manhole frames and covers, and joint sealer. Terre Kleen as manufactured by Terre Hill Storm Water Systems, Terre Hill, PA.

33 44 36 00-0065	EA	4'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK09)	47,271.36
		For Each VLF Of Riser, Add	*450.00*
33 44 36 00-0066	EA	6'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK18)	73,453.56
		For Each VLF Of Riser, Add	*525.00*
33 44 36 00-0067	EA	8'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK27)	87,734.76
		For Each VLF Or Riser, Add	*600.00*

33 46 Stormwater Management *(33 40)*

33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

33 46 23 00-0001 Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) *(33 46 23)*

Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.

33 46 23 00-0002 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) *(33 46 23 00-0001)*

33 46 23 00-0003	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	601.48
33 46 23 00-0004	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	555.79
33 46 23 00-0005	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	522.43
33 46 23 00-0006	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	490.18
33 46 23 00-0007	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	247.03
33 46 23 00-0008	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	219.06
33 46 23 00-0009	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	202.54
33 46 23 00-0010	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	186.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0011		**85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)** *(33 46 23 00-0001)*		
33 46 23 00-0012	EA	Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	340.65	
33 46 23 00-0013	EA	>10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	312.50	
33 46 23 00-0014	EA	>20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	292.68	
33 46 23 00-0015	EA	>30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	274.53	
33 46 23 00-0016	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	192.72	
33 46 23 00-0017	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	171.96	
33 46 23 00-0018	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	159.14	
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	147.67	
33 46 23 00-0020		**90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)** *(33 46 23 00-0001)*		
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	1,027.41	
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	958.49	
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	902.90	
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	852.18	
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	864.35	
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	803.56	
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	755.73	
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	712.36	
33 46 23 00-0029		**85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)** *(33 46 23 00-0001)*		
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	624.86	
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	578.02	
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	543.54	
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	510.22	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	247.03	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	214.64	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	202.54	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	186.29	
33 46 23 00-0038		**52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)** *(33 46 23 00-0001)*		
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	1,067.50	
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	994.64	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	935.14	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	883.37	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,331.50	
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,245.43	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,173.40	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,109.72	
33 46 23 00-0047		**Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers** *(33 46 23 00-0001)*		
33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	62.74	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	79.68	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	104.08	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	131.48	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit Note: (2712AG6IPKIT)	756.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 46 53 Stormwater Leaching Pits *(33 46)*

33 46 53 00-0001 Drainage Wells *(33 46 53)*

Note: Includes augering hole.

33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	36.56	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	44.89	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	60.46	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines *(33 52 16 13)*

Note: Excludes excavation and backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	20.90	3.07
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	24.14	3.38
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	27.77	3.46
33 52 16 13-0006	LF	1-1/4" (3.2 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	28.48	3.55
33 52 16 13-0007	LF	1-1/2" (3.6 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	29.59	3.60
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	31.34	3.86
33 52 16 13-0009	LF	2-1/2" (6.0 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	44.38	4.67
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	55.31	5.90
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	74.74	7.13
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	101.28	8.26
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	127.40	10.09
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	185.83	12.98

33 52 16 13-0015 Gas Line Taps *(33 52 16 13-0001)*

Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI *(33 52 16 13-0015)*

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	2,762.52
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	3,698.33
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	3,871.28
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	4,828.57
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	7,502.78

33 52 16 13-0022 Steel, Schedule 40 *(33 52 16 13-0015)*

Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,595.58
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,639.52
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,701.62
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,761.60
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,805.39
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,051.87
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,130.34

33 52 16 13-0030 Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*

Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.88
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.08
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.31
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.85
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.18
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.96
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	7.28
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	9.06
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	11.45
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	15.24

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.84	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.68	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	29.03	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	29.03	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	34.37	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	45.84	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	63.39	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	64.22	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	74.02	

33 52 16 13-0053 Service Fittings *(33 52 16 13-0001)*

33 52 16 13-0054 Brass Fittings *(33 52 16 13-0053)*

33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	40.98	
33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	47.75	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	60.79	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	75.77	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	85.18	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	111.51	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	35.27	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	40.67	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	53.05	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	69.03	
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	79.14	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	106.54	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	27.94	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	36.05	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	46.99	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	67.05	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	81.44	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	110.19	

33 52 16 13-0073 Anodeless Gas Riser *(33 52 16 13-0053)*

33 52 16 13-0074	EA	3/4" Anodeless Gas Riser	104.51	
33 52 16 13-0075	EA	1" Anodeless Gas Riser	129.46	
33 52 16 13-0076	EA	1-1/4" Anodeless Gas Riser	152.23	
33 52 16 13-0077	EA	1-1/2" Anodeless Gas Riser	191.19	
33 52 16 13-0078	EA	2" Anodeless Gas Riser	219.93	

33 52 16 13-0079 Brass Service Adapter *(33 52 16 13-0053)*

33 52 16 13-0080	EA	1/2" Brass Service Adapter	69.07	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	75.99	
33 52 16 13-0082	EA	1" Brass Service Adapter	90.96	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	108.38	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	128.11	
33 52 16 13-0085	EA	2" Brass Service Adapter	151.78	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	277.45	
33 52 16 13-0087	EA	3" Brass Service Adapter	338.83	
33 52 16 13-0088	EA	4" Brass Service Adapter	487.49	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*

Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.49	1.94
		For Colors, Add	*0.07*	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.01	2.08
		For SDR 13.5, Deduct	*-0.13*	
		For Colors, Add	*0.09*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.53	2.22
		For SDR 13.5, Deduct	*-0.16*	
		For Colors, Add	*0.11*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.08	2.36
		For SDR 13.5, Deduct	*-0.20*	
		For Colors, Add	*0.13*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	7.04	2.84
		For SDR 13.5, Deduct	*-0.28*	
		For Colors, Add	*0.18*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.01	3.08
		For SDR 13.5, Deduct	*-0.37*	
		For SDR 15.5, Deduct	*-0.67*	
		For Colors, Add	*0.24*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.25	3.62
		For SDR 13.5, Deduct	*-0.61*	
		For SDR 15.5, Deduct	*-1.12*	
		For Colors, Add	*0.39*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	12.61	4.30
		For SDR 13.5, Deduct	*-0.83*	
		For SDR 15.5, Deduct	*-1.53*	
		For Colors, Add	*0.54*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	20.81	5.09
		For SDR 13.5, Deduct	*-1.54*	
		For SDR 15.5, Deduct	*-2.83*	
		For Colors, Add	*0.99*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	26.44	5.09
		For SDR 13.5, Deduct	*-2.13*	
		For SDR 15.5, Deduct	*-3.92*	
		For Colors, Add	*1.38*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	32.21	5.09
		For SDR 13.5, Deduct	*-2.73*	
		For SDR 15.5, Deduct	*-5.02*	
		For Colors, Add	*1.76*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	48.11	6.37
		For SDR 13.5, Deduct	*-4.54*	
		For SDR 15.5, Deduct	*-8.36*	
		For Colors, Add	*2.93*	

33 52 16 26 High-Density Polyethylene (HDPE) Piping for Natural Gas *(33 52 16)*

33 52 16 26-0001 High-Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*

Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High-Density Polyethylene (HDPE) Gas Distribution Pipe	4.57	1.94
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.13	2.08
		For SDR 13.5, Deduct	*-0.15*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.65	2.22
		For SDR 13.5, Deduct	*-0.18*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	6.24	2.36
		For SDR 13.5, Deduct	*-0.22*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	7.26	2.84
		For SDR 13.5, Deduct	*-0.31*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	8.31	3.08
		For SDR 13.5, Deduct	*-0.40*	
		For SDR 15.5, Deduct	*-0.74*	
		For SDR 17, Deduct	*-1.08*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	10.75	3.62
		For SDR 13.5, Deduct	*-0.67*	
		For SDR 15.5, Deduct	*-1.23*	
		For SDR 17, Deduct	*-1.79*	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	13.28	4.30
		For SDR 13.5, Deduct	*-0.92*	
		For SDR 15.5, Deduct	*-1.68*	
		For SDR 17, Deduct	*-2.44*	
		For SDR 21, Deduct	*-3.34*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	22.05	5.09
		For SDR 13.5, Deduct	*-1.69*	
		For SDR 15.5, Deduct	*-3.11*	
		For SDR 17, Deduct	*-4.52*	
		For SDR 21, Deduct	*-6.18*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	34.41	5.09
		For SDR 13.5, Deduct	*-3.00*	
		For SDR 15.5, Deduct	*-5.52*	
		For SDR 17, Deduct	*-8.02*	
		For SDR 21, Deduct	*-10.97*	
33 52 16 26-0012	LF	8" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	51.78	6.37
		For SDR 13.5, Deduct	*-5.00*	
		For SDR 15.5, Deduct	*-9.19*	
		For SDR 17, Deduct	*-13.35*	
		For SDR 21, Deduct	*-18.26*	

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	228.70	19.36
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	233.10	19.36
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	243.65	23.00
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	806.05	26.62
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	861.67	41.23
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	2,414.15	92.51
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	3,352.45	122.60

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 59 11 00-0001		Diaphragm Meters *(33 59 11)* Note: With standard direct-digital reading maximum working pressures 5 lb. to 100 lb., threaded connections. Excludes pressure and temperature compensation.		
33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 Lb., Direct Digital, Threaded	567.42	75.79
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 Lb., Direct Digital, Threaded	1,107.97	115.92
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 Lb., Direct Digital, Threaded	1,298.12	115.92
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 Lb., Direct Digital, Threaded	2,811.37	144.89
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 Lb., Direct Digital, Threaded	3,183.70	178.32
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded	4,170.04	144.89
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded	4,645.77	178.32
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded	6,123.36	189.47
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded	8,655.87	222.91
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded	13,228.35	367.80
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

33 59 16 00-0001		Gas Turbine Meters With Direct-Digital Reading *(33 59 16)* Note: Maximum working pressure 175 PSI, flanged end connections.		
33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	10,667.40	392.55
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	11,335.75	455.86
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	17,537.54	504.86
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	34,050.31	614.61
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	56,364.93	768.26

33 60 Hydronic and Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 00-0001		Glass Lined Steel Piping *(33 61 13)*		
33 61 13 00-0002		Glass Lined Steel Pipe *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0003	EA	4" X 1' Glass Lined Steel Pipe	1,632.27	
33 61 13 00-0004	EA	4" X 2' Glass Lined Steel Pipe	1,802.16	
33 61 13 00-0005	EA	4" X 3' Glass Lined Steel Pipe	1,802.16	
33 61 13 00-0006	EA	4" X 4' Glass Lined Steel Pipe	2,141.92	
33 61 13 00-0007	EA	4" X 5' Glass Lined Steel Pipe	3,044.43	
33 61 13 00-0008	EA	4" X 10' Glass Lined Steel Pipe	3,525.77	
33 61 13 00-0009	EA	6" X 1' Glass Lined Steel Pipe	1,366.83	
33 61 13 00-0010	EA	6" X 2' Glass Lined Steel Pipe	2,959.49	
33 61 13 00-0011	EA	6" X 3' Glass Lined Steel Pipe	2,959.49	
33 61 13 00-0012	EA	6" X 4' Glass Lined Steel Pipe	3,352.34	
33 61 13 00-0013	EA	6" X 5' Glass Lined Steel Pipe	5,408.64	
33 61 13 00-0014	EA	6" X 10' Glass Lined Steel Pipe	6,259.63	
33 61 13 00-0015	EA	8" X 1' Glass Lined Steel Pipe	3,376.14	
33 61 13 00-0016	EA	8" X 2' Glass Lined Steel Pipe	4,066.29	
33 61 13 00-0017	EA	8" X 3' Glass Lined Steel Pipe	4,066.29	
33 61 13 00-0018	EA	8" X 4' Glass Lined Steel Pipe	4,676.31	
33 61 13 00-0019	EA	8" X 5' Glass Lined Steel Pipe	6,333.95	
33 61 13 00-0020	EA	8" X 10' Glass Lined Steel Pipe	7,198.79	
33 61 13 00-0021	EA	12" X 1' Glass Lined Steel Pipe	9,160.40	
33 61 13 00-0022	EA	12" X 2' Glass Lined Steel Pipe	9,160.40	
33 61 13 00-0023	EA	12" X 3' Glass Lined Steel Pipe	9,493.09	
33 61 13 00-0024	EA	12" X 4' Glass Lined Steel Pipe	10,124.27	
33 61 13 00-0025	EA	12" X 5' Glass Lined Steel Pipe	11,360.67	
33 61 13 00-0026	EA	12" X 10' Glass Lined Steel Pipe	14,034.01	
33 61 13 00-0027	EA	16" X 10' Glass Lined Steel Pipe	19,116.65	
33 61 13 00-0028		90 Degree Elbow, Glass Lined Steel Fittings *(33 61 13 00-0001)* Note: 150 PSIG		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0029	EA	4" 90 Degree Elbow, Glass Lined Steel Fittings	1,969.01	
33 61 13 00-0030	EA	6" 90 Degree Elbow, Glass Lined Steel Fittings	3,217.52	
33 61 13 00-0031	EA	8" 90 Degree Elbow, Glass Lined Steel Fittings	5,922.88	
33 61 13 00-0032	EA	10" 90 Degree Elbow, Glass Lined Steel Fittings	10,506.07	
33 61 13 00-0033	EA	12" 90 Degree Elbow, Glass Lined Steel Fittings	15,557.81	
33 61 13 00-0034	EA	14" 90 Degree Elbow, Glass Lined Steel Fittings	18,272.80	
33 61 13 00-0035	EA	16" 90 Degree Elbow, Glass Lined Steel Fittings	20,987.37	
33 61 13 00-0036		**45 Degree Elbow, Glass Lined Steel Fittings** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0037	EA	4" 45 Degree Elbow, Glass Lined Steel Fittings	1,930.08	
33 61 13 00-0038	EA	6" 45 Degree Elbow, Glass Lined Steel Fittings	3,217.52	
33 61 13 00-0039	EA	8" 45 Degree Elbow, Glass Lined Steel Fittings	6,191.86	
33 61 13 00-0040	EA	10" 45 Degree Elbow, Glass Lined Steel Fittings	17,428.82	
33 61 13 00-0041	EA	12" 45 Degree Elbow, Glass Lined Steel Fittings	15,557.81	
33 61 13 00-0042	EA	14" 45 Degree Elbow, Glass Lined Steel Fittings	18,272.80	
33 61 13 00-0043	EA	16" 45 Degree Elbow, Glass Lined Steel Fittings	20,987.37	
33 61 13 00-0044		**Tee, Glass Lined Steel Fittings** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0045	EA	4" Tee, Glass Lined Steel Fittings	3,061.07	
33 61 13 00-0046	EA	6" Tee, Glass Lined Steel Fittings	5,251.72	
33 61 13 00-0047	EA	8" Tee, Glass Lined Steel Fittings	7,771.46	
33 61 13 00-0048	EA	10" Tee, Glass Lined Steel Fittings	13,399.57	
33 61 13 00-0049	EA	12" Tee, Glass Lined Steel Fittings	19,069.41	
33 61 13 00-0050	EA	14" Tee, Glass Lined Steel Fittings	22,471.38	
33 61 13 00-0051	EA	16" Tee, Glass Lined Steel Fittings	25,813.22	
33 61 13 00-0052		**Prefabricated/Preinsulated Pipe** *(33 61 13)* Note: Includes coupling per full length of pipe. Insulation and jacketing sealed for seamless system including all fittings. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.		
33 61 13 00-0053		**Preinsulated Schedule 40 Black Steel Pipe** *(33 61 13 00-0052)* Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0054		**Standard Black Steel Carrier Pipe** *(33 61 13 00-0053)* Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0055	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	193.04	21.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.30*	
		For Schedule 80 Pipe, Add	*32.96*	
33 61 13 00-0056	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	211.72	22.85
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.62*	
		For Schedule 80 Pipe, Add	*36.25*	
33 61 13 00-0057	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	236.50	24.26
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.08*	
		For Schedule 80 Pipe, Add	*40.83*	
33 61 13 00-0058	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	253.27	25.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.38*	
		For Schedule 80 Pipe, Add	*43.82*	
33 61 13 00-0059	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	265.33	27.20
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.58*	
		For Schedule 80 Pipe, Add	*45.81*	
33 61 13 00-0060	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	293.81	33.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.98*	
		For Schedule 80 Pipe, Add	*49.79*	
33 61 13 00-0061	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	323.62	41.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.38*	
		For Schedule 80 Pipe, Add	*53.78*	
33 61 13 00-0062	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	408.30	52.28
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.77*	
		For Schedule 80 Pipe, Add	*67.72*	
33 61 13 00-0063	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	518.58	64.03
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.66*	
		For Schedule 80 Pipe, Add	*86.64*	
33 61 13 00-0064	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	602.93	75.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.06*	
		For Schedule 80 Pipe, Add	*100.58*	
33 61 13 00-0065	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	852.80	90.65
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.64*	
		For Schedule 80 Pipe, Add	*146.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0066	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,109.80	107.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.32*	
		For Schedule 80 Pipe, Add	*193.20*	
33 61 13 00-0067	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,381.98	132.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.10*	
		For Schedule 80 Pipe, Add	*241.00*	

33 61 13 00-0068 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0069	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	209.53	21.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.63*	
		For Schedule 80 Pipe, Add	*36.26*	
33 61 13 00-0070	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	229.85	22.85
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.99*	
		For Schedule 80 Pipe, Add	*39.87*	
33 61 13 00-0071	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	256.92	24.26
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.49*	
		For Schedule 80 Pipe, Add	*44.91*	
33 61 13 00-0072	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	275.18	25.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.82*	
		For Schedule 80 Pipe, Add	*48.20*	
33 61 13 00-0073	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	288.23	27.20
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
		For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0074	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	318.71	33.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.48*	
		For Schedule 80 Pipe, Add	*54.77*	
33 61 13 00-0075	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	350.51	41.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
		For Schedule 80 Pipe, Add	*59.15*	
33 61 13 00-0076	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	442.16	52.28
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.45*	
		For Schedule 80 Pipe, Add	*74.49*	
33 61 13 00-0077	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	561.90	64.03
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.53*	
		For Schedule 80 Pipe, Add	*95.30*	
33 61 13 00-0078	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	653.22	75.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.06*	
		For Schedule 80 Pipe, Add	*110.64*	
33 61 13 00-0079	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	926.00	90.65
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.10*	
		For Schedule 80 Pipe, Add	*161.03*	
33 61 13 00-0080	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,206.39	107.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.25*	
		For Schedule 80 Pipe, Add	*212.51*	
33 61 13 00-0081	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,502.48	132.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.51*	
		For Schedule 80 Pipe, Add	*265.10*	

33 61 13 00-0082 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0083	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	217.77	21.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.79*	
		For Schedule 80 Pipe, Add	*37.91*	
33 61 13 00-0084	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	238.91	22.85
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.17*	
		For Schedule 80 Pipe, Add	*41.69*	
33 61 13 00-0085	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	267.12	24.26
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.70*	
		For Schedule 80 Pipe, Add	*46.95*	
33 61 13 00-0086	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	286.13	25.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
		For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0087	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	299.68	27.20
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.27*	
		For Schedule 80 Pipe, Add	*52.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0088	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	331.16	33.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.73*	
		For Schedule 80 Pipe, Add	*57.26*	
33 61 13 00-0089	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	363.95	41.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.18*	
		For Schedule 80 Pipe, Add	*61.84*	
33 61 13 00-0090	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	459.09	52.28
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
		For Schedule 80 Pipe, Add	*77.88*	
33 61 13 00-0091	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	583.56	64.03
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.96*	
		For Schedule 80 Pipe, Add	*99.64*	
33 61 13 00-0092	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	678.36	75.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.57*	
		For Schedule 80 Pipe, Add	*115.67*	
33 61 13 00-0093	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	962.59	90.65
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.83*	
		For Schedule 80 Pipe, Add	*168.35*	
33 61 13 00-0094	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,254.69	107.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.22*	
		For Schedule 80 Pipe, Add	*222.17*	
33 61 13 00-0095	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,562.73	132.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.71*	
		For Schedule 80 Pipe, Add	*277.15*	
33 61 13 00-0096		**Standard Black Steel Carrier Pipe** *(33 61 13 00-0053)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0097	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	230.13	21.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.04*	
		For Schedule 80 Pipe, Add	*40.38*	
33 61 13 00-0098	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	252.51	22.85
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.44*	
		For Schedule 80 Pipe, Add	*44.41*	
33 61 13 00-0099	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	282.43	24.26
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
		For Schedule 80 Pipe, Add	*50.02*	
33 61 13 00-0100	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	302.56	25.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
		For Schedule 80 Pipe, Add	*53.68*	
33 61 13 00-0101	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	316.86	27.20
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
		For Schedule 80 Pipe, Add	*56.12*	
33 61 13 00-0102	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	349.83	33.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.10*	
		For Schedule 80 Pipe, Add	*61.00*	
33 61 13 00-0103	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	384.12	41.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.59*	
		For Schedule 80 Pipe, Add	*65.88*	
33 61 13 00-0104	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	484.48	52.28
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.30*	
		For Schedule 80 Pipe, Add	*82.95*	
33 61 13 00-0105	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	616.04	64.03
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.61*	
		For Schedule 80 Pipe, Add	*106.13*	
33 61 13 00-0106	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	716.08	75.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.32*	
		For Schedule 80 Pipe, Add	*123.21*	
33 61 13 00-0107	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,017.49	90.65
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.93*	
		For Schedule 80 Pipe, Add	*179.33*	
33 61 13 00-0108	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,327.14	107.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.67*	
		For Schedule 80 Pipe, Add	*236.66*	
33 61 13 00-0109	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,653.10	132.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.52*	
		For Schedule 80 Pipe, Add	*295.22*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0110			**Preinsulated Black Steel Fittings** *(33 61 13 00-0052)* Note: No excavation or backfill.		
33 61 13 00-0111			**Elbows** *(33 61 13 00-0110)*		
33 61 13 00-0112			**Elbows** *(33 61 13 00-0111)* Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0113	EA		3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,382.70	
			For High-Density Polyethylene (HDPE) Jacket, Add	*25.11*	
33 61 13 00-0114	EA		1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,422.08	
			For High-Density Polyethylene (HDPE) Jacket, Add	*25.70*	
33 61 13 00-0115	EA		1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,624.25	
			For High-Density Polyethylene (HDPE) Jacket, Add	*29.24*	
33 61 13 00-0116	EA		1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,793.17	
			For High-Density Polyethylene (HDPE) Jacket, Add	*31.90*	
33 61 13 00-0117	EA		2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,958.67	
			For High-Density Polyethylene (HDPE) Jacket, Add	*33.23*	
33 61 13 00-0118	EA		2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,162.42	
			For High-Density Polyethylene (HDPE) Jacket, Add	*34.56*	
33 61 13 00-0119	EA		3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,502.82	
			For High-Density Polyethylene (HDPE) Jacket, Add	*39.88*	
33 61 13 00-0120	EA		4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,920.37	
			For High-Density Polyethylene (HDPE) Jacket, Add	*46.52*	
33 61 13 00-0121	EA		5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,626.78	
			For High-Density Polyethylene (HDPE) Jacket, Add	*59.82*	
33 61 13 00-0122	EA		6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,064.61	
			For High-Density Polyethylene (HDPE) Jacket, Add	*67.94*	
33 61 13 00-0123	EA		8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,802.14	
			For High-Density Polyethylene (HDPE) Jacket, Add	*98.22*	
33 61 13 00-0124	EA		10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,609.79	
			For High-Density Polyethylene (HDPE) Jacket, Add	*125.54*	
33 61 13 00-0125	EA		12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,907.91	
			For High-Density Polyethylene (HDPE) Jacket, Add	*166.16*	
33 61 13 00-0126			**Elbows** *(33 61 13 00-0111)* Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0127	EA		3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,476.86	
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.99*	
33 61 13 00-0128	EA		1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,518.45	
			For High-Density Polyethylene (HDPE) Jacket, Add	*27.63*	
33 61 13 00-0129	EA		1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,733.91	
			For High-Density Polyethylene (HDPE) Jacket, Add	*31.44*	
33 61 13 00-0130	EA		1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,912.81	
			For High-Density Polyethylene (HDPE) Jacket, Add	*34.30*	
33 61 13 00-0131	EA		2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,083.29	
			For High-Density Polyethylene (HDPE) Jacket, Add	*35.72*	
33 61 13 00-0132	EA		2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,292.03	
			For High-Density Polyethylene (HDPE) Jacket, Add	*37.15*	
33 61 13 00-0133	EA		3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,652.36	
			For High-Density Polyethylene (HDPE) Jacket, Add	*42.87*	
33 61 13 00-0134	EA		4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,094.83	
			For High-Density Polyethylene (HDPE) Jacket, Add	*50.01*	
33 61 13 00-0135	EA		5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,851.09	
			For High-Density Polyethylene (HDPE) Jacket, Add	*64.30*	
33 61 13 00-0136	EA		6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,319.39	
			For High-Density Polyethylene (HDPE) Jacket, Add	*73.04*	
33 61 13 00-0137	EA		8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,170.47	
			For High-Density Polyethylene (HDPE) Jacket, Add	*105.59*	
33 61 13 00-0138	EA		10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,080.58	
			For High-Density Polyethylene (HDPE) Jacket, Add	*134.96*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0139	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,531.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*178.62*	
33 61 13 00-0140		**Elbows** *(33 61 13 00-0111)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0141	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,571.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.87*	
33 61 13 00-0142	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,614.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.55*	
33 61 13 00-0143	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,843.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.63*	
33 61 13 00-0144	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,032.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*36.69*	
33 61 13 00-0145	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,207.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.22*	
33 61 13 00-0146	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,421.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.75*	
33 61 13 00-0147	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,801.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.86*	
33 61 13 00-0148	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,269.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.50*	
33 61 13 00-0149	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,075.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.79*	
33 61 13 00-0150	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,574.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*78.13*	
33 61 13 00-0151	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,538.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*112.95*	
33 61 13 00-0152	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,551.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*144.37*	
33 61 13 00-0153	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,154.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*191.08*	
33 61 13 00-0154		**Elbows** *(33 61 13 00-0111)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0155	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,665.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.76*	
33 61 13 00-0156	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,711.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.48*	
33 61 13 00-0157	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,953.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.82*	
33 61 13 00-0158	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,152.08	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.08*	
33 61 13 00-0159	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,332.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.71*	
33 61 13 00-0160	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,551.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.34*	
33 61 13 00-0161	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,951.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*48.85*	
33 61 13 00-0162	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,443.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.99*	
33 61 13 00-0163	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,299.72	
		For High-Density Polyethylene (HDPE) Jacket, Add	*73.28*	
33 61 13 00-0164	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,828.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*83.23*	
33 61 13 00-0165	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,907.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*120.32*	
33 61 13 00-0166	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,022.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*153.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0167	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,777.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*203.55*	

33 61 13 00-0168 Tees *(33 61 13 00-0110)*

33 61 13 00-0169 Tees *(33 61 13 00-0168)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0170	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,055.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.29*	
33 61 13 00-0171	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,113.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.16*	
33 61 13 00-0172	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,414.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.43*	
33 61 13 00-0173	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,665.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.38*	
33 61 13 00-0174	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,912.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.35*	
33 61 13 00-0175	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,216.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.32*	
33 61 13 00-0176	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,724.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.22*	
33 61 13 00-0177	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,345.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.09*	
33 61 13 00-0178	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,398.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*88.83*	
33 61 13 00-0179	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,046.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*100.89*	
33 61 13 00-0180	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,627.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*145.86*	
33 61 13 00-0181	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,322.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*186.43*	
33 61 13 00-0182	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	14,737.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*246.75*	

33 61 13 00-0183 Tees *(33 61 13 00-0168)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0184	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,194.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.08*	
33 61 13 00-0185	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,256.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.03*	
33 61 13 00-0186	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,577.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.68*	
33 61 13 00-0187	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,843.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*50.93*	
33 61 13 00-0188	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,097.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.05*	
33 61 13 00-0189	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,409.40	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.17*	
33 61 13 00-0190	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,946.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*63.66*	
33 61 13 00-0191	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,604.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*74.27*	
33 61 13 00-0192	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,731.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*95.49*	
33 61 13 00-0193	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,425.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.46*	
33 61 13 00-0194	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,174.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*156.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0195	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,022.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*200.41*	
33 61 13 00-0196	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	15,662.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*265.25*	

33 61 13 00-0197 Tees *(33 61 13 00-0168)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0198	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,334.80	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.88*	
33 61 13 00-0199	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,399.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.89*	
33 61 13 00-0200	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,739.92	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.94*	
33 61 13 00-0201	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,020.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*54.48*	
33 61 13 00-0202	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,282.64	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.75*	
33 61 13 00-0203	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,601.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.02*	
33 61 13 00-0204	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,168.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.10*	
33 61 13 00-0205	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,863.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*79.45*	
33 61 13 00-0206	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,064.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*102.15*	
33 61 13 00-0207	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,803.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*116.03*	
33 61 13 00-0208	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,721.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*167.73*	
33 61 13 00-0209	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,721.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*214.40*	
33 61 13 00-0210	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	16,587.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*283.76*	

33 61 13 00-0211 Tees *(33 61 13 00-0168)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0212	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,474.62	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.68*	
33 61 13 00-0213	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,542.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.75*	
33 61 13 00-0214	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,902.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.20*	
33 61 13 00-0215	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,198.57	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.04*	
33 61 13 00-0216	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,467.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.45*	
33 61 13 00-0217	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,794.32	
		For High-Density Polyethylene (HDPE) Jacket, Add	*62.87*	
33 61 13 00-0218	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,390.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*72.54*	
33 61 13 00-0219	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,122.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*84.63*	
33 61 13 00-0220	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,397.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.82*	
33 61 13 00-0221	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,181.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*123.59*	
33 61 13 00-0222	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,268.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*178.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0223		EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	13,420.23	
			For High-Density Polyethylene (HDPE) Jacket, Add	*228.38*	
33 61 13 00-0224		EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	17,513.17	
			For High-Density Polyethylene (HDPE) Jacket, Add	*302.27*	

33 61 13 00-0225 Reducers *(33 61 13 00-0110)*

33 61 13 00-0226 Reducers *(33 61 13 00-0225)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0227		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,156.58	
			For High-Density Polyethylene (HDPE) Jacket, Add	*20.84*	
33 61 13 00-0228		EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,189.89	
			For High-Density Polyethylene (HDPE) Jacket, Add	*21.33*	
33 61 13 00-0229		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,359.47	
			For High-Density Polyethylene (HDPE) Jacket, Add	*24.27*	
33 61 13 00-0230		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,502.11	
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.48*	
33 61 13 00-0231		EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,646.36	
			For High-Density Polyethylene (HDPE) Jacket, Add	*27.58*	
33 61 13 00-0232		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,834.98	
			For High-Density Polyethylene (HDPE) Jacket, Add	*28.69*	
33 61 13 00-0233		EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,117.05	
			For High-Density Polyethylene (HDPE) Jacket, Add	*33.10*	
33 61 13 00-0234		EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,465.23	
			For High-Density Polyethylene (HDPE) Jacket, Add	*38.62*	
33 61 13 00-0235		EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,054.94	
			For High-Density Polyethylene (HDPE) Jacket, Add	*49.65*	
33 61 13 00-0236		EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,420.59	
			For High-Density Polyethylene (HDPE) Jacket, Add	*56.39*	
33 61 13 00-0237		EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,878.35	
			For High-Density Polyethylene (HDPE) Jacket, Add	*81.52*	
33 61 13 00-0238		EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,409.97	
			For High-Density Polyethylene (HDPE) Jacket, Add	*104.20*	
33 61 13 00-0239		EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,333.12	
			For High-Density Polyethylene (HDPE) Jacket, Add	*137.91*	

33 61 13 00-0240 Reducers *(33 61 13 00-0225)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0241		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,234.73	
			For High-Density Polyethylene (HDPE) Jacket, Add	*22.40*	
33 61 13 00-0242		EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,269.88	
			For High-Density Polyethylene (HDPE) Jacket, Add	*22.93*	
33 61 13 00-0243		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,450.49	
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.09*	
33 61 13 00-0244		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,601.41	
			For High-Density Polyethylene (HDPE) Jacket, Add	*28.47*	
33 61 13 00-0245		EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,749.79	
			For High-Density Polyethylene (HDPE) Jacket, Add	*29.65*	
33 61 13 00-0246		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,942.55	
			For High-Density Polyethylene (HDPE) Jacket, Add	*30.84*	
33 61 13 00-0247		EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,241.17	
			For High-Density Polyethylene (HDPE) Jacket, Add	*35.58*	
33 61 13 00-0248		EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,610.03	
			For High-Density Polyethylene (HDPE) Jacket, Add	*41.51*	
33 61 13 00-0249		EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,241.12	
			For High-Density Polyethylene (HDPE) Jacket, Add	*53.37*	
33 61 13 00-0250		EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,632.05	
			For High-Density Polyethylene (HDPE) Jacket, Add	*60.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0251	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,184.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*87.64*	
33 61 13 00-0252	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,800.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*112.02*	
33 61 13 00-0253	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,850.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*148.26*	

33 61 13 00-0254 Reducers *(33 61 13 00-0225)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0255	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,312.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.97*	
33 61 13 00-0256	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,349.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.53*	
33 61 13 00-0257	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,541.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.91*	
33 61 13 00-0258	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,700.71	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.45*	
33 61 13 00-0259	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,853.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.72*	
33 61 13 00-0260	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,050.13	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.99*	
33 61 13 00-0261	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,365.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.06*	
33 61 13 00-0262	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,754.84	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.41*	
33 61 13 00-0263	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,427.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*57.10*	
33 61 13 00-0264	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,843.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*64.85*	
33 61 13 00-0265	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,489.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*93.75*	
33 61 13 00-0266	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,191.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*119.83*	
33 61 13 00-0267	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,367.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*158.60*	

33 61 13 00-0268 Reducers *(33 61 13 00-0225)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0269	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,391.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.53*	
33 61 13 00-0270	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,429.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.13*	
33 61 13 00-0271	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,632.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.73*	
33 61 13 00-0272	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,800.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.44*	
33 61 13 00-0273	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,956.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.79*	
33 61 13 00-0274	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,157.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.14*	
33 61 13 00-0275	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,489.42	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.55*	
33 61 13 00-0276	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,899.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.30*	
33 61 13 00-0277	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,613.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.82*	
33 61 13 00-0278	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,054.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0279	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,795.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*99.86*	
33 61 13 00-0280	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,582.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*127.65*	
33 61 13 00-0281	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,884.64	
		For High-Density Polyethylene (HDPE) Jacket, Add	*168.94*	

33 61 13 00-0282 Preinsulated Type K Copper Pipe *(33 61 13 00-0052)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0283 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0284	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.26	18.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.43*	
33 61 13 00-0285	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.62	20.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0286	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.45	21.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 00-0287	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.19	22.50
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.57*	
33 61 13 00-0288	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.56	23.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 00-0289	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	76.59	29.53
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0290	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	88.94	36.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0291	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	112.78	45.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.88*	
33 61 13 00-0292	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	140.52	56.19
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.13*	
33 61 13 00-0293	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	164.03	65.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.31*	
33 61 13 00-0294	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	214.34	79.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.90*	
33 61 13 00-0295	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	267.41	94.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.51*	
33 61 13 00-0296	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	331.20	116.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.13*	

33 61 13 00-0297 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0298	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.40	18.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0299	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.97	20.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0300	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.10	21.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0301	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.04	22.50
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0302	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	68.53	23.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0303	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	79.83	29.53
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 00-0304	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	92.43	36.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.77*	
33 61 13 00-0305	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	117.18	45.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.97*	
33 61 13 00-0306	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	146.15	56.19
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0307	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	170.56	65.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.44*	
33 61 13 00-0308	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	223.85	79.86
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 00-0309	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	279.96	94.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.76*	
33 61 13 00-0310	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	346.85	116.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.44*	

33 61 13 00-0311 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0312	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.47	18.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 00-0313	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.15	20.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 00-0314	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.43	21.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.61*	
33 61 13 00-0315	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.46	22.50
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0316	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	70.02	23.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 00-0317	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	81.45	29.53
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.74*	
33 61 13 00-0318	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	94.18	36.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.80*	
33 61 13 00-0319	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	119.38	45.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.01*	
33 61 13 00-0320	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	148.96	56.19
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.29*	
33 61 13 00-0321	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	173.83	65.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.50*	
33 61 13 00-0322	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	228.61	79.55
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.19*	
33 61 13 00-0323	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	286.23	94.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.89*	
33 61 13 00-0324	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	354.68	116.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.60*	

33 61 13 00-0325 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0326	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.08	18.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0327	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.91	20.05
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0328	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.42	21.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0329	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	68.60	22.50
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0330	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	72.25	23.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 00-0331	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	83.87	29.53
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.79*	
33 61 13 00-0332	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	96.80	36.02
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.86*	
33 61 13 00-0333	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	122.68	45.88
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.08*	
33 61 13 00-0334	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	153.18	56.19
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0335	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	178.73	65.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.60*	
33 61 13 00-0336	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	235.74	79.55
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.33*	
33 61 13 00-0337	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	295.64	94.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.07*	
33 61 13 00-0338	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	366.42	116.48
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.84*	

33 61 13 00-0339 Preinsulated Copper Fittings *(33 61 13 00-0052)*

33 61 13 00-0340 Elbows *(33 61 13 00-0339)*

33 61 13 00-0341 Elbows *(33 61 13 00-0340)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0342	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	354.71	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.88*	
33 61 13 00-0343	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	369.02	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
33 61 13 00-0344	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	425.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.69*	
33 61 13 00-0345	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	482.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.20*	
33 61 13 00-0346	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	581.33	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.46*	
33 61 13 00-0347	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	713.62	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.72*	
33 61 13 00-0348	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	830.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.75*	
33 61 13 00-0349	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	968.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.04*	
33 61 13 00-0350	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,134.33	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.63*	
33 61 13 00-0351	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,240.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.21*	
33 61 13 00-0352	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,729.64	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.09*	
33 61 13 00-0353	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,378.97	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.41*	
33 61 13 00-0354	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,006.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.30*	

33 61 13 00-0355 Elbows *(33 61 13 00-0340)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0356	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	373.02	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.25*	
33 61 13 00-0357	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	387.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
33 61 13 00-0358	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	446.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.11*	
33 61 13 00-0359	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	505.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.67*	
33 61 13 00-0360	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	605.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.94*	
33 61 13 00-0361	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	738.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.22*	
33 61 13 00-0362	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	859.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.33*	
33 61 13 00-0363	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,002.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0364	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,177.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.50*	
33 61 13 00-0365	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,290.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.20*	
33 61 13 00-0366	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,801.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.53*	
33 61 13 00-0367	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,470.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.24*	
33 61 13 00-0368	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,127.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.72*	

33 61 13 00-0369 Elbows *(33 61 13 00-0340)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0370	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	391.32	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
33 61 13 00-0371	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	406.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.75*	
33 61 13 00-0372	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	467.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.54*	
33 61 13 00-0373	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	528.81	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.13*	
33 61 13 00-0374	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	629.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.43*	
33 61 13 00-0375	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	764.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.73*	
33 61 13 00-0376	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	888.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.92*	
33 61 13 00-0377	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,036.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.40*	
33 61 13 00-0378	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,221.54	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.37*	
33 61 13 00-0379	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,340.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.19*	
33 61 13 00-0380	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,872.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.96*	
33 61 13 00-0381	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,561.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.07*	
33 61 13 00-0382	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,248.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.15*	

33 61 13 00-0383 Elbows *(33 61 13 00-0340)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0384	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	409.62	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.98*	
33 61 13 00-0385	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	425.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.12*	
33 61 13 00-0386	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	489.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.96*	
33 61 13 00-0387	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	552.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.60*	
33 61 13 00-0388	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	654.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.91*	
33 61 13 00-0389	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	789.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.23*	
33 61 13 00-0390	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	917.32	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.50*	
33 61 13 00-0391	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,070.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0392	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,265.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.24*	
33 61 13 00-0393	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,389.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.18*	
33 61 13 00-0394	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,944.26	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.39*	
33 61 13 00-0395	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,653.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.90*	
33 61 13 00-0396	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,370.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.57*	

33 61 13 00-0397 Tees *(33 61 13 00-0339)*

33 61 13 00-0398 Tees *(33 61 13 00-0397)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0399	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	528.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 00-0400	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	549.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.42*	
33 61 13 00-0401	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	633.27	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.44*	
33 61 13 00-0402	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	718.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 00-0403	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	866.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.59*	
33 61 13 00-0404	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,064.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.98*	
33 61 13 00-0405	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,239.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.51*	
33 61 13 00-0406	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,446.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0407	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,695.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.27*	
33 61 13 00-0408	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,852.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.61*	
33 61 13 00-0409	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,578.51	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.35*	
33 61 13 00-0410	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,552.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*36.24*	
33 61 13 00-0411	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,485.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.97*	

33 61 13 00-0412 Tees *(33 61 13 00-0397)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0413	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	555.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
33 61 13 00-0414	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	577.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.98*	
33 61 13 00-0415	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	664.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.08*	
33 61 13 00-0416	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	753.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 00-0417	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	902.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.31*	
33 61 13 00-0418	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,102.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.73*	
33 61 13 00-0419	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,282.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0420	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,496.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.44*	
33 61 13 00-0421	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,760.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.56*	
33 61 13 00-0422	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,925.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.08*	
33 61 13 00-0423	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,684.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.48*	
33 61 13 00-0424	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,688.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.96*	
33 61 13 00-0425	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,665.09	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.56*	

33 61 13 00-0426 Tees *(33 61 13 00-0397)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0427	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	582.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.34*	
33 61 13 00-0428	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	605.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.53*	
33 61 13 00-0429	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	696.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.71*	
33 61 13 00-0430	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	787.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.59*	
33 61 13 00-0431	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	938.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.03*	
33 61 13 00-0432	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,139.57	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.47*	
33 61 13 00-0433	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,325.73	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.24*	
33 61 13 00-0434	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,547.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.45*	
33 61 13 00-0435	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,825.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.86*	
33 61 13 00-0436	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,999.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.56*	
33 61 13 00-0437	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,790.05	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.61*	
33 61 13 00-0438	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,821.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.68*	
33 61 13 00-0439	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,848.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.16*	

33 61 13 00-0440 Tees *(33 61 13 00-0397)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0441	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	609.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.88*	
33 61 13 00-0442	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	633.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.09*	
33 61 13 00-0443	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	728.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.34*	
33 61 13 00-0444	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	822.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.28*	
33 61 13 00-0445	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	974.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.75*	
33 61 13 00-0446	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,176.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.22*	
33 61 13 00-0447	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,368.90	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0448	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,597.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.45*	
33 61 13 00-0449	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,890.04	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.15*	
33 61 13 00-0450	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,073.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.03*	
33 61 13 00-0451	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,896.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.73*	
33 61 13 00-0452	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,957.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.40*	
33 61 13 00-0453	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,027.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.76*	

33 61 13 00-0454 Reducers *(33 61 13 00-0339)*

33 61 13 00-0455 Reducers *(33 61 13 00-0454)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0456	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	302.19	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 00-0457	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	314.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.15*	
33 61 13 00-0458	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	362.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.72*	
33 61 13 00-0459	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	412.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.15*	
33 61 13 00-0460	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	500.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 00-0461	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	627.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.58*	
33 61 13 00-0462	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	723.52	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.43*	
33 61 13 00-0463	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	840.05	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.51*	
33 61 13 00-0464	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	980.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.65*	
33 61 13 00-0465	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,070.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.96*	
33 61 13 00-0466	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,489.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.85*	
33 61 13 00-0467	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,056.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.26*	
33 61 13 00-0468	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,590.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.81*	

33 61 13 00-0469 Reducers *(33 61 13 00-0454)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0470	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.36*	
33 61 13 00-0471	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	330.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.46*	
33 61 13 00-0472	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	380.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.07*	
33 61 13 00-0473	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	431.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.53*	
33 61 13 00-0474	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	520.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.76*	
33 61 13 00-0475	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	648.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0476	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	747.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.92*	
33 61 13 00-0477	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	868.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.07*	
33 61 13 00-0478	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,016.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.38*	
33 61 13 00-0479	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,111.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.78*	
33 61 13 00-0480	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,549.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.04*	
33 61 13 00-0481	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,132.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.78*	
33 61 13 00-0482	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,691.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.82*	

33 61 13 00-0483 Reducers *(33 61 13 00-0454)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0484	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 00-0485	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	345.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.77*	
33 61 13 00-0486	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	398.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 00-0487	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	450.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 00-0488	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	540.68	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.17*	
33 61 13 00-0489	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	669.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 00-0490	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	771.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 00-0491	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	896.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 00-0492	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,052.80	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.10*	
33 61 13 00-0493	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,153.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.61*	
33 61 13 00-0494	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,608.40	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.22*	
33 61 13 00-0495	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,207.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.29*	
33 61 13 00-0496	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,791.84	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.83*	

33 61 13 00-0497 Reducers *(33 61 13 00-0454)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0498	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	347.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.96*	
33 61 13 00-0499	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	361.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.08*	
33 61 13 00-0500	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	415.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.78*	
33 61 13 00-0501	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	470.19	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.31*	
33 61 13 00-0502	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	560.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.57*	
33 61 13 00-0503	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	689.97	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0504	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	795.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.88*	
33 61 13 00-0505	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	924.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.20*	
33 61 13 00-0506	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,088.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.82*	
33 61 13 00-0507	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,194.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0508	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,667.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.41*	
33 61 13 00-0509	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,283.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.81*	
33 61 13 00-0510	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,892.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.84*	

33 61 13 00-0511 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 00-0052)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0512 Ductile Iron Carrier Pipe *(33 61 13 00-0511)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0513	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	425.49	59.28
33 61 13 00-0514	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	627.99	85.13
33 61 13 00-0515	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	885.95	102.85
33 61 13 00-0516	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,151.42	122.40
33 61 13 00-0517	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,433.57	150.64

33 61 13 00-0518 Ductile Iron Carrier Pipe *(33 61 13 00-0511)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0519	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	464.84	59.33
33 61 13 00-0520	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	686.45	85.13
33 61 13 00-0521	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	971.04	102.85
33 61 13 00-0522	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,263.71	122.40
33 61 13 00-0523	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,573.65	150.65
33 61 13 00-0524	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,734.76	160.73
33 61 13 00-0525	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,982.74	172.21
33 61 13 00-0526	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,263.55	183.71
33 61 13 00-0527	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,513.27	195.18
33 61 13 00-0528	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,034.98	212.40

33 61 13 00-0529 Preinsulated Ductile Iron Fittings *(33 61 13 00-0052)*

33 61 13 00-0530 Elbows *(33 61 13 00-0529)*

33 61 13 00-0531 Elbows *(33 61 13 00-0530)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0532	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,078.80
33 61 13 00-0533	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,756.31
33 61 13 00-0534	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,247.74
33 61 13 00-0535	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	10,735.74
33 61 13 00-0536	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	14,045.20

33 61 13 00-0537 Elbows *(33 61 13 00-0530)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0538	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,565.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0539	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,466.35	
33 61 13 00-0540	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,274.24	
33 61 13 00-0541	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	12,047.79	
33 61 13 00-0542	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,781.74	
33 61 13 00-0543	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	19,324.25	
33 61 13 00-0544	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,111.75	
33 61 13 00-0545	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	28,928.96	
33 61 13 00-0546	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	36,503.32	
33 61 13 00-0547	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	46,200.50	
33 61 13 00-0548		Tees *(33 61 13 00-0529)*		
33 61 13 00-0549		Tees *(33 61 13 00-0548)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0550	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,065.94	
33 61 13 00-0551	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,559.05	
33 61 13 00-0552	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	12,259.61	
33 61 13 00-0553	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,964.91	
33 61 13 00-0554	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	20,881.12	
33 61 13 00-0555		Tees *(33 61 13 00-0548)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0556	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,787.99	
33 61 13 00-0557	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,613.48	
33 61 13 00-0558	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,783.96	
33 61 13 00-0559	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	17,913.32	
33 61 13 00-0560	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,459.90	
33 61 13 00-0561	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	28,539.95	
33 61 13 00-0562	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	34,139.54	
33 61 13 00-0563	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	42,732.93	
33 61 13 00-0564	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	53,933.71	
33 61 13 00-0565	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	68,233.85	
33 61 13 00-0566		Reducers *(33 61 13 00-0529)*		
33 61 13 00-0567		Reducers *(33 61 13 00-0566)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0568	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,426.74	
33 61 13 00-0569	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,824.69	
33 61 13 00-0570	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,908.20	
33 61 13 00-0571	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,004.51	
33 61 13 00-0572	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	11,767.07	
33 61 13 00-0573		Reducers *(33 61 13 00-0566)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0574	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,830.31	
33 61 13 00-0575	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,414.03	
33 61 13 00-0576	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	7,760.17	
33 61 13 00-0577	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	10,093.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0578	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,208.41	
33 61 13 00-0579	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	16,052.94	
33 61 13 00-0580	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	19,189.81	
33 61 13 00-0581	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,944.97	
33 61 13 00-0582	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	30,317.91	
33 61 13 00-0583	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	38,409.22	
33 61 13 00-0584		Tempered Water Piping Pre-Insulated *(33 61 13 00-0052)*		
33 61 13 00-0585		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0586	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	150.01	24.71
33 61 13 00-0587	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	193.07	26.64
33 61 13 00-0588	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	270.65	29.51
33 61 13 00-0589	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	373.41	36.89
33 61 13 00-0590	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	479.09	45.49
33 61 13 00-0591		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0592	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	70.91	26.64
33 61 13 00-0593	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	85.43	26.64
33 61 13 00-0594	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	99.21	26.64
33 61 13 00-0595	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	118.64	31.48
33 61 13 00-0596	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	143.37	39.96
33 61 13 00-0597		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0598	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	70.90	26.64
33 61 13 00-0599	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	85.43	26.64
33 61 13 00-0600	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	97.99	26.64
33 61 13 00-0601	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	118.63	31.48
33 61 13 00-0602	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	143.37	39.96

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

33 71 19 13-0001		Electrical Handholes And Pull Boxes *(33 71 19 13)*		
33 71 19 13-0002		Electrical Pull Boxes *(33 71 19 13-0001)*		
		See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,595.32	543.33
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	3,144.35	602.24
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,671.87	654.61
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	5,881.94	785.53
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	6,313.02	785.53
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	6,809.48	818.26
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	7,848.07	916.45
33 71 19 13-0010	EA	18" x 28" x 34", Electric Pull Boxes, Precast Concrete	2,733.99	602.24
33 71 19 13-0011	EA	14" x 20" x 12", Electric Pull Boxes, Precast Concrete	1,345.11	392.77
33 71 19 13-0012	EA	18" x 28" x 12", Electric Pull Boxes, Precast Concrete	1,718.15	785.53
33 71 19 13-0013	EA	24" x 36" x 12", Electric Pull Boxes, Precast Concrete	2,346.47	916.45
33 71 19 13-0014	EA	24" x 3', Round Electric Pull Boxes, Precast Concrete	1,502.76	229.11
33 71 19 13-0015	EA	30" x 3', Round Electric Pull Boxes, Precast Concrete	1,585.23	245.47
33 71 19 13-0016		Electrical Pull Boxes (CALTRANS) *(33 71 19 13-0001)*		
33 71 19 13-0017	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	155.23	
33 71 19 13-0018	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	59.89	
33 71 19 13-0019	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	93.01	
33 71 19 13-0020	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	192.21	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	295.06	
		For Galvanized Steel Cover, Add	*49.79*	
33 71 19 13-0022	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	77.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	77.19	
33 71 19 13-0024	EA	Body, CALTRANS 5 Precast Concrete Pull Box	222.82	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	79.36	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	112.48	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	389.99	
		For Galvanized Steel Cover, Add	*91.29*	
33 71 19 13-0028	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	107.62	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	100.92	
33 71 19 13-0030	EA	Body, CALTRANS 6 Precast Concrete Pull Box	242.29	
33 71 19 13-0031	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	105.53	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	138.65	
33 71 19 13-0033	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	533.62	
		For Galvanized Steel Cover, Add	*127.80*	
33 71 19 13-0034	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	127.09	
33 71 19 13-0035	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	119.79	
33 71 19 13-0036	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	163.61	
33 71 19 13-0037	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	333.54	
33 71 19 13-0038	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	467.89	
33 71 19 13-0039	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	151.43	
33 71 19 13-0040	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	139.26	
33 71 19 13-0041	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	437.03	
33 71 19 13-0042	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	674.81	
33 71 19 13-0043	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	180.65	
33 71 19 13-0044	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	175.78	
33 71 19 13-0045	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	614.74	
33 71 19 13-0046	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	942.58	
33 71 19 13-0047	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	302.36	
33 71 19 13-0048	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	236.63	
33 71 19 13-0049		Precast Concrete Box Extensions *(33 71 19 13-0001)*		
33 71 19 13-0050	EA	14" x 20" x 12", Precast Concrete Extension	244.05	47.14
33 71 19 13-0051	EA	18" x 28" x 12", Precast Concrete Extension	306.62	59.72
33 71 19 13-0052	EA	24" x 36" x 12", Precast Concrete Extension	400.55	81.72
33 71 19 13-0053	EA	30" x 48" x 12", Precast Concrete Extension	495.86	113.15
33 71 19 13-0054	EA	36" x 60" x 12", Precast Concrete Extension	788.25	138.29
33 71 19 13-0055	EA	36" x 72" x 12", Precast Concrete Extension	1,050.60	157.16
33 71 19 13-0056	EA	48" x 48" x 12", Precast Concrete Extension	1,187.69	144.58
33 71 19 13-0057	EA	48" x 60" x 12", Precast Concrete Extension	1,456.42	169.72
33 71 19 13-0058		Electrical Property Line Boxes *(33 71 19 13)*		
33 71 19 13-0059	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	5,618.60	441.86
33 71 19 13-0060	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	6,618.34	458.23
33 71 19 13-0061	EA	6' x 4' x 5' Deep Property Line Box	7,248.22	556.42
33 71 19 13-0062	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	11,106.34	818.26
33 71 19 13-0063		Manhole Accessories *(33 71 19 13)*		
33 71 19 13-0064	EA	6" Precast Grade Ring Riser Casting	496.09	137.94
33 71 19 13-0065	EA	12" Precast Grade Ring Riser Casting	537.24	149.44
33 71 19 13-0066	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,089.70	229.90
33 71 19 13-0067	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	2,726.57	287.38
33 71 19 13-0068	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	883.80	153.47
33 71 19 13-0069	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,123.19	172.43

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

33 71 19 23-0001 Underground Ductbank *(33 71 19 23)*

Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.

33 71 19 23-0002 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	34.42	
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	68.87	
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	71.16	
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	142.73	
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	104.79	
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	210.65	
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	316.48	
33 71 19 23-0010	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	197.96	
33 71 19 23-0011	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	394.87	
33 71 19 23-0012	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	607.08	
33 71 19 23-0013	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	281.20	
33 71 19 23-0014	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	564.48	
33 71 19 23-0015	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	840.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0016		**Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System** *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0017	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	7.57	
33 71 19 23-0018	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	16.59	
33 71 19 23-0019	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	31.88	
33 71 19 23-0020	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	10.02	
33 71 19 23-0021	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	20.02	
33 71 19 23-0022	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	40.64	
33 71 19 23-0023	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	13.45	
33 71 19 23-0024	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	26.92	
33 71 19 23-0025	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	53.90	
33 71 19 23-0026	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	80.82	
33 71 19 23-0027	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	17.08	
33 71 19 23-0028	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	34.12	
33 71 19 23-0029	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	66.12	
33 71 19 23-0030	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	93.92	
33 71 19 23-0031	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	30.16	
33 71 19 23-0032	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	46.31	
33 71 19 23-0033	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	92.81	
33 71 19 23-0034	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	149.74	
33 71 19 23-0035		**Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System** *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0036	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	8.40	
33 71 19 23-0037	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	18.34	
33 71 19 23-0038	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	35.15	
33 71 19 23-0039	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	10.42	
33 71 19 23-0040	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.83	
33 71 19 23-0041	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	41.52	
33 71 19 23-0042	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	13.79	
33 71 19 23-0043	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	27.62	
33 71 19 23-0044	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	55.30	
33 71 19 23-0045	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	82.93	
33 71 19 23-0046	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	17.62	
33 71 19 23-0047	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	35.18	
33 71 19 23-0048	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	68.24	
33 71 19 23-0049	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	97.10	
33 71 19 23-0050	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	30.89	
33 71 19 23-0051	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	47.83	
33 71 19 23-0052	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	95.86	
33 71 19 23-0053	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	154.31	
33 71 19 23-0054		**Male Or Female Adapters** *(33 71 19 23-0001)*		
33 71 19 23-0055	EA	2" Adapter	40.14	
33 71 19 23-0056	EA	3" Adapter	58.60	
33 71 19 23-0057	EA	4" Adapter	75.98	
33 71 19 23-0058	EA	5" Adapter	118.53	
33 71 19 23-0059	EA	6" Adapter	146.09	
33 71 19 23-0060		**Underground Electrical Concrete Markers** *(33 71 19 23)*		
33 71 19 23-0061	EA	36" x 6" x 6", Underground Electric Concrete Marker	346.85	

END OF SECTION 33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 01 Operation and Maintenance of Transportation *(34)*

34 01 23 Operation and Maintenance of Railways *(34 01)*

34 01 23 33 Track Realignment *(34 01 23)*

34 01 23 33-0001 Realign Railroad Track *(34 01 23 33)*

34 01 23 33-0002	LF	Removal Of Track Rails and Ties And Re-Install Including New Bolts And Spikes	115.57	
34 01 23 33-0003	EA	Removal Of Railroad Track Turnouts And Re-install Including New Bolts And Spikes	5,664.80	

34 01 43 Operation and Maintenance of Bridges *(34 01)*

34 01 43 00-0001 Repair Of Bridge Posts *(34 01 43)*

34 01 43 00-0002	SF	Chipping Of Concrete To Expose Rebar	42.71	
34 01 43 00-0003	EA	Removal And Replacement Of Concrete Post, 20" x 20" Square, 36" To 42" High Note: Includes removal of damaged post, drilling, epoxy injection, rebar, forms and concrete.	2,223.07	
34 01 43 00-0004	EA	Repair Bearing Pad	789.42	

34 01 43 00-0005 Repair Of Bridge Rails *(34 01 43)*

34 01 43 00-0006	EA	Repair Concrete Rail Supports	410.66	
34 01 43 00-0007	LF	Repair Guardrail	154.00	
34 01 43 00-0008	LF	Repair Bridge Parapet Wall	256.66	
34 01 43 00-0009	LF	Repair Bridge Rail	97.69	
34 01 43 00-0010	LF	Repair Damaged Metal Rail And Posts	51.72	
34 01 43 00-0011	LF	Removal And Replacement Of 1-1/2" Galvanized Metal Rail	61.08	
34 01 43 00-0012	LF	Removal And Replacement Of 2-1/2" Galvanized Metal Rail	83.14	
34 01 43 00-0013	LF	Removal And Replacement Of 3" Galvanized Metal Rail	95.06	

34 01 43 00-0014 Repair Of Bridge *(34 01 43)*

34 01 43 00-0015	LF	Repair Of Expansion Joints On Bridge	26.16	

34 05 Common Work Results for Transportation *(34)*

34 05 43 Common Work Results for Bridges *(34 05)*

34 05 43 00-0001 Mobilize Bridge Crew *(34 05 43)*
Note: Excludes mobilize jacking crew.

34 05 43 00-0002	EA	Mobilize Bridge Crew	1,406.66	

34 05 43 00-0003 Remove And Patch Bridge And Structures Concrete *(34 05 43)*
Note: This section is used for repairing areas of concrete decks, floors, verticals and overheads and approximately 1" to 6" deep in connection with bridge and structure repairs. Includes chipping, sandblasting, cleaning, primer, formwork, cement/concrete as listed, finish and debris removal. Excludes scaffolding, saw cutting, disposal and/or concrete pump truck.

34 05 43 00-0004 Remove And Patch Decks Or Floors *(34 05 43 00-0003)*
Note: For patching decks and floors, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0005	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Portland Cement Based Repair Material	2,617.59	
34 05 43 00-0006	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Portland Cement Based Repair Material	110.85	
34 05 43 00-0007	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Rapid Set Concrete Repair Material	2,697.56	
34 05 43 00-0008	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Rapid Set Concrete Repair Material	115.85	
34 05 43 00-0009	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	2,679.87	
34 05 43 00-0010	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	114.75	
34 05 43 00-0011	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" SSI Flex Patch (Other Than Specified)	4,035.39	
		For Owner Furnished Material, Deduct	*-1,661.42*	
34 05 43 00-0012	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" SSI Flex Patch (Other Than Specified)	199.47	
		For Owner Furnished Material, Deduct	*-103.84*	

34 05 43 00-0013 Remove And Patch Verticals Or Overheads *(34 05 43 00-0003)*
Note: For patching verticals and overhead, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0014	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Portland Cement Based Repair Material	3,086.38	
34 05 43 00-0015	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Portland Cement Based Repair Material	134.30	
34 05 43 00-0016	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Rapid Set Concrete Repair Material	3,166.35	
34 05 43 00-0017	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Rapid Set Concrete Repair Material	139.30	
34 05 43 00-0018	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	3,148.66	
34 05 43 00-0019	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	138.20	
34 05 43 00-0020	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" SSI Flex Patch (Other Than Specified)	4,504.18	
		For Owner Furnished Material, Deduct	*-1,661.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0021	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" SSI Flex Patch (Other Than Specified)	222.92	
		For Owner Furnished Material, Deduct	*-103.84*	
34 05 43 00-0022		**Remove And Patch Pier Caps And Pedestals** *(34 05 43 00-0003)*		
		Note: For patching pier caps and pedestals, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.		
34 05 43 00-0023	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Portland Cement Based Repair Material	3,555.16	
34 05 43 00-0024	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Portland Cement Based Repair Material	151.88	
34 05 43 00-0025	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Rapid Set Concrete Repair Material	3,635.13	
34 05 43 00-0026	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Rapid Set Concrete Repair Material	156.88	
34 05 43 00-0027	EA	Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	3,617.44	
34 05 43 00-0028	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	155.78	
34 05 43 00-0029	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" SSI Flex Patch (Other Than Specified)	4,972.96	
		For Owner Furnished Material, Deduct	*-1,661.42*	
34 05 43 00-0030	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" SSI Flex Patch (Other Than Specified)	240.50	
		For Owner Furnished Material, Deduct	*-103.84*	
34 05 43 00-0031		**Remove And Patch Circular Piers** *(34 05 43 00-0003)*		
		Note: For patching circular piers, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.		
34 05 43 00-0032	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Portland Cement Based Repair Material	4,258.33	
34 05 43 00-0033	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" Portland Cement Based Repair Material	169.46	
34 05 43 00-0034	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Rapid Set Concrete Repair Material	4,338.30	
34 05 43 00-0035	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" Rapid Set Concrete Repair Material	174.46	
34 05 43 00-0036	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	4,320.61	
34 05 43 00-0037	SF	Remove And Patch >16 SF Circular Pier, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	193.63	
34 05 43 00-0038	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" SSI Flex Patch (Other Than Specified)	5,676.13	
		For Owner Furnished Material, Deduct	*-1,661.42*	
34 05 43 00-0039	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" SSI Flex Patch (Other Than Specified)	258.08	
		For Owner Furnished Material, Deduct	*-103.84*	
34 05 43 00-0040		**Fiber Reinforced Shotcrete Repair For Bridges** *(34 05 43)*		
34 05 43 00-0041	EA	Mobilize Fiber Reinforced Shotcrete Repair Crew	922.07	
34 05 43 00-0042	SF	Up to 2" Thick, Fiber Reinforced Shotcrete Repair	56.99	
		For Up To 25, Add	*27.67*	
		For >25 To 50, Add	*13.83*	
		For >50 To 150, Add	*5.53*	
34 05 43 00-0043	SF	>2" To 4" Thick, Fiber Reinforced Shotcrete Repair	67.88	
		For Up To 25, Add	*32.28*	
		For >25 To 50, Add	*16.14*	
		For >50 To 150, Add	*6.46*	
34 05 43 00-0044	SF	>4" To 6" Thick, Fiber Reinforced Shotcrete Repair	78.77	
		For Up To 25, Add	*36.89*	
		For >25 To 50, Add	*18.45*	
		For >50 To 150, Add	*7.38*	
34 05 43 00-0045		**Bridge Railing** *(34 05 43)*		
34 05 43 00-0046		**Remove And Store Bridge Railings** *(34 05 43 00-0045)*		
34 05 43 00-0047	LF	Removal And Storage Of One Rail Bridge Railing	7.87	
34 05 43 00-0048	LF	Removal And Storage Of Two Rail Bridge Railing	15.76	
34 05 43 00-0049	LF	Removal And Storage Of Three Rail Bridge Railing	23.63	
34 05 43 00-0050	LF	Removal And Storage Of Four Rail Bridge Railing	31.51	
34 05 43 00-0051		**Install Stored Or Supplied Bridge Railings** *(34 05 43 00-0045)*		
34 05 43 00-0052	LF	Install Stored Or Supplied One Rail Bridge Railing	66.38	
34 05 43 00-0053	LF	Install Stored Or Supplied Two Rail Bridge Railing	132.75	
34 05 43 00-0054	LF	Install Stored Or Supplied Three Rail Bridge Railing	199.13	
34 05 43 00-0055	LF	Install Stored Or Supplied Four Rail Bridge Railing	265.51	
34 05 43 00-0056		**Bridge Bearings** *(34 05 43)*		
		Note: Excludes drilling and anchor bolts.		
34 05 43 00-0057		**Elastomeric Bearings** *(34 05 43 00-0056)*		
34 05 43 00-0058	EA	Plain Elastomeric, Type EP Bearing, 716-10, All Loads	1,239.85	337.60
34 05 43 00-0059	EA	Steel Laminated Elastomeric, Type EL Bearing, 716-11, Up To 100K	1,861.63	675.20
		For >100K To 250K Load, Add	*93.32*	
		For >250K To 500K Load, Add	*186.65*	
		For >500K To 750K Load, Add	*279.97*	
34 05 43 00-0060	EA	Elastomeric with External Load Plates, Type EB Bearing, 716-12, Up To 100K	4,223.45	1,012.80
		For >100K To 250K Load, Add	*283.09*	
		For >250K To 500K Load, Add	*566.17*	
		For >500K To 750K Load, Add	*849.26*	
34 05 43 00-0061		**Fixed Structural Pot Bearings** *(34 05 43 00-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0062	EA	100K To 250K Fixed Structural Pot Bearing	3,699.46	
34 05 43 00-0063	EA	>250K To 500K Fixed Structural Pot Bearing	5,656.87	
34 05 43 00-0064	EA	>500K To 750K Fixed Structural Pot Bearing	7,614.26	
34 05 43 00-0065		Universal Structural Expansion Pot Bearings *(34 05 43 00-0056)*		
34 05 43 00-0066	EA	100K To 250K Universal Structural Pot Bearing	4,594.74	
34 05 43 00-0067	EA	>250K To 500K Universal Structural Pot Bearing	7,032.16	
34 05 43 00-0068	EA	>500K To 750K Universal Structural Pot Bearing	9,473.77	
34 05 43 00-0069		Guided Structural Expansion Pot Bearings *(34 05 43 00-0056)*		
34 05 43 00-0070	EA	100K To 250K Guided Structural Pot Bearing	4,758.14	
34 05 43 00-0071	EA	>250K To 500K Guided Structural Pot Bearing	7,277.22	
34 05 43 00-0072	EA	>500K To 750K Guided Structural Pot Bearing	9,800.51	
34 05 43 00-0073		Remove, Repair And Install Bridge Bearings *(34 05 43 00-0056)*		
34 05 43 00-0074		Remove Structural Bearings *(34 05 43 00-0073)*		
34 05 43 00-0075	EA	100K To 250K Structural Bearing Removal	485.29	
34 05 43 00-0076	EA	>250K To 500K Structural Bearing Removal	970.59	
34 05 43 00-0077	EA	>500K To 750K Structural Bearing Removal	1,455.89	
34 05 43 00-0078		Install And Set Supplied Or Restored Structural Bearings *(34 05 43 00-0073)*		
34 05 43 00-0079	EA	100K To 250K Structural Bearing - Install And Set Supplied Or Restored Bearing	727.95	
34 05 43 00-0080	EA	>250K To 500K Structural Bearing - Install And Set Supplied Or Restored Bearing	1,455.89	
34 05 43 00-0081	EA	>500K To 750K Structural Bearing - Install And Set Supplied Or Restored Bearing	2,183.83	
34 05 43 00-0082		Power Wash And Paint Structural Bearings *(34 05 43 00-0073)*		
		Note: Includes bearing plates.		
34 05 43 00-0083	EA	100K To 250K Structural Bearing - Power Wash And Paint	1,135.52	
34 05 43 00-0084	EA	>250K To 500K Structural Bearing - Power Wash And Paint	1,282.77	
34 05 43 00-0085	EA	>500K To 750K Structural Bearing - Power Wash And Paint	1,430.01	
34 05 43 00-0086		Power Wash, Mechanically Clean And Paint Structural Bearings *(34 05 43 00-0073)*		
		Note: Includes bearing plates. Excludes paint removal.		
34 05 43 00-0087	EA	100K To 250K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,510.68	
		For Vacuum Contained Cleaning, Add	*375.12*	
34 05 43 00-0088	EA	>250K To 500K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,704.76	
		For Vacuum Contained Cleaning, Add	*422.00*	
34 05 43 00-0089	EA	>500K To 750K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,898.43	
		For Vacuum Contained Cleaning, Add	*468.77*	
34 05 43 00-0090		Power Wash And Paint Only Bearing Plates *(34 05 43 00-0073)*		
34 05 43 00-0091	EA	100K To 250K Structural Bearing - Power Wash And Paint Only Bearing Plates	708.43	
34 05 43 00-0092	EA	>250K To 500K Structural Bearing - Power Wash And Paint Only Bearing Plates	852.39	
34 05 43 00-0093	EA	>500K To 750K Structural Bearing - Power Wash And Paint Only Bearing Plates	996.34	
34 05 43 00-0094		Power Wash, Mechanically Clean And Paint Only Bearing Plates *(34 05 43 00-0073)*		
34 05 43 00-0095	EA	100K To 250K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	944.74	
		For Vacuum Contained Cleaning, Add	*234.46*	
34 05 43 00-0096	EA	>250K To 500K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	1,133.71	
		For Vacuum Contained Cleaning, Add	*281.33*	
34 05 43 00-0097	EA	>500K To 750K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	1,322.27	
		For Vacuum Contained Cleaning, Add	*328.10*	
34 05 43 00-0098		Sand Blast And Paint Structural Bearings *(34 05 43 00-0073)*		
		Note: Includes bearing plates.		
34 05 43 00-0099	EA	100K To 250K Structural Bearing - Sand Blast And Paint	1,810.72	
		For Vacuum Contained Cleaning, Add	*450.13*	
34 05 43 00-0100	EA	>250K To 500K Structural Bearing - Sand Blast And Paint	2,042.36	
		For Vacuum Contained Cleaning, Add	*506.40*	
34 05 43 00-0101	EA	>500K To 750K Structural Bearing - Sand Blast And Paint	2,274.00	
		For Vacuum Contained Cleaning, Add	*562.66*	
34 05 43 00-0102		Sand Blast And Paint Only Bearing Plates *(34 05 43 00-0073)*		
34 05 43 00-0103	EA	100K To 250K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,132.24	
		For Vacuum Contained Cleaning, Add	*281.33*	
34 05 43 00-0104	EA	>250K To 500K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,358.78	
		For Vacuum Contained Cleaning, Add	*337.60*	
34 05 43 00-0105	EA	>500K To 750K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,585.32	
		For Vacuum Contained Cleaning, Add	*393.87*	
34 05 43 00-0106		Grease Structural Bearings *(34 05 43 00-0073)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0107	EA	100K To 250K Structural Bearing - Grease	70.33	
34 05 43 00-0108	EA	>250K To 500K Structural Bearing - Grease	105.50	
34 05 43 00-0109	EA	>500K To 750K Structural Bearing - Grease	140.67	
34 05 43 00-0110		**Replace Bronze Plate Wearing Pad** *(34 05 43 00-0073)*		
34 05 43 00-0111	SF	Removal And Replacement Of Bronze Plate Wearing Pad	477.59	
34 05 43 00-0112		**Bridge Bearing Rivet Removal** *(34 05 43 00-0073)*		
		See CSI section 02 41 19 13-0082 for reaming of hole, 34 05 43 00-0272 for anchors and grouting.		
34 05 43 00-0113	EA	Bridge Bearing Rivet Removal	281.34	
34 05 43 00-0114		**Bridge Pintels, Side Keeper, And Shim Plates** *(34 05 43)*		
34 05 43 00-0115	EA	Removal And Replacement Of Bridge Pintel	297.25	
34 05 43 00-0116	EA	Removal And Replacement Of Bridge Side Keeper	303.45	
34 05 43 00-0117	EA	Refabricate And Install Shim Plates At One Bearing	177.56	
34 05 43 00-0118	EA	Refabricate And Install Beveled Shim Plates At One Bearing	177.56	
34 05 43 00-0119	EA	Refabricate And Install Finger Shim Plates At One Bearing	177.56	
34 05 43 00-0120		**Vertical Jacking And Lifting For Bridges** *(34 05 43)*		
		Note: For vertical jacking of structural members. Includes jacks, hydraulics, and synchronizing equipment where appropriate. Excludes engineering and design. See CSI section 03 01 30 71-0000 for concrete repair, 05 12 23 00-0000 for temporary steel members.		
34 05 43 00-0121		**Mobilize Jacking Crew And Equipment** *(34 05 43 00-0120)*		
		Note: Includes removing equipment after completion.		
34 05 43 00-0122	EA	Mobilize Bridge Jacking Crew and Equipment	2,531.98	
		For Temporary Support Mobilization, Add	*5,063.96*	
34 05 43 00-0123		**Vertical Jacking And Lifting Per Point of Contact** *(34 05 43 00-0120)*		
		Note: Includes positioning jack, shims, lifting, and lowering. Excludes temporary steel, temporary lumber, and concrete repairs.		
34 05 43 00-0124	EA	Up To 10 Ton Jack, Per Point Of Contact	421.99	
		For Synchronized Lift, Add	*84.40*	
		For Jacking From Temporary Support, Add	*168.80*	
34 05 43 00-0125	EA	>10 To 20 Ton Jack, Per Point Of Contact	492.33	
		For Synchronized Lift, Add	*98.47*	
		For Jacking From Temporary Support, Add	*196.93*	
34 05 43 00-0126	EA	>20 To 40 Ton Jack, Per Point Of Contact	562.66	
		For Synchronized Lift, Add	*112.53*	
		For Jacking From Temporary Support, Add	*225.06*	
34 05 43 00-0127	EA	>40 To 60 Ton Jack, Per Point Of Contact	633.00	
		For Synchronized Lift, Add	*126.60*	
		For Jacking From Temporary Support, Add	*253.20*	
34 05 43 00-0128	EA	>60 To 80 Ton Jack, Per Point Of Contact	703.33	
		For Synchronized Lift, Add	*140.67*	
		For Jacking From Temporary Support, Add	*281.33*	
34 05 43 00-0129	EA	>80 To 100 Ton Jack, Per Point Of Contact	773.66	
		For Synchronized Lift, Add	*154.73*	
		For Jacking From Temporary Support, Add	*309.46*	
34 05 43 00-0130	EA	>100 To 120 Ton Jack, Per Point Of Contact	844.00	
		For Synchronized Lift, Add	*168.80*	
		For Jacking From Temporary Support, Add	*337.60*	
34 05 43 00-0131	EA	>120 To 140 Ton Jack, Per Point Of Contact	879.16	
		For Synchronized Lift, Add	*175.83*	
		For Jacking From Temporary Support, Add	*351.66*	
34 05 43 00-0132	EA	>140 To 160 Ton Jack, Per Point Of Contact	914.33	
		For Synchronized Lift, Add	*182.87*	
		For Jacking From Temporary Support, Add	*365.73*	
34 05 43 00-0133	EA	>160 To 250 Ton Jack, Per Point Of Contact	914.33	
		For Synchronized Lift, Add	*182.87*	
		For Jacking From Temporary Support, Add	*365.73*	
34 05 43 00-0134	EA	>250 To 300 Ton Jack, Per Point Of Contact	984.66	
		For Synchronized Lift, Add	*196.93*	
		For Jacking From Temporary Support, Add	*393.86*	
34 05 43 00-0135	EA	>300 To 400 Ton Jack, Per Point Of Contact	1,054.99	
		For Synchronized Lift, Add	*211.00*	
		For Jacking From Temporary Support, Add	*422.00*	
34 05 43 00-0136	EA	>400 To 500 Ton Jack, Per Point Of Contact	1,125.32	
		For Synchronized Lift, Add	*225.06*	
		For Jacking From Temporary Support, Add	*450.13*	
34 05 43 00-0137	EA	>500 To 600 Ton Jack, Per Point Of Contact	1,195.66	
		For Synchronized Lift, Add	*239.13*	
		For Jacking From Temporary Support, Add	*478.26*	
34 05 43 00-0138		**Daily Charge For Vertical Jacking Equipment** *(34 05 43 00-0120)*		
		Note: Includes hydraulics and synchronizing equipment.		
34 05 43 00-0139	DAY	Up To 10 Ton Jacking Equipment Charge By The Day	21.76	
34 05 43 00-0140	DAY	>10 To 20 Ton Jacking Equipment Charge By The Day	43.51	
34 05 43 00-0141	DAY	>20 To 40 Ton Jacking Equipment Charge By The Day	87.03	
34 05 43 00-0142	DAY	>40 To 60 Ton Jacking Equipment Charge By The Day	130.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0143	DAY	>60 To 80 Ton Jacking Equipment Charge By The Day	174.05	
34 05 43 00-0144	DAY	>80 To 100 Ton Jacking Equipment Charge By The Day	217.56	
34 05 43 00-0145	DAY	>100 To 120 Ton Jacking Equipment Charge By The Day	261.08	
34 05 43 00-0146	DAY	>120 To 140 Ton Jacking Equipment Charge By The Day	304.59	
34 05 43 00-0147	DAY	>140 To 160 Ton Jacking Equipment Charge By The Day	348.10	
34 05 43 00-0148	DAY	>160 To 250 Ton Jacking Equipment Charge By The Day	397.22	
34 05 43 00-0149	DAY	>250 To 300 Ton Jacking Equipment Charge By The Day	452.83	
34 05 43 00-0150	DAY	>300 To 400 Ton Jacking Equipment Charge By The Day	573.58	
34 05 43 00-0151	DAY	>400 To 500 Ton Jacking Equipment Charge By The Day	681.12	
34 05 43 00-0152	DAY	>500 To 600 Ton Jacking Equipment Charge By The Day	776.50	

34 05 43 00-0153 Temporary Shoring *(34 05 43 00-0120)*

Note: Setup includes material use cost and initial erection. Setup is also used for relocation to the opposite abutment. Relocation includes moving and setup at a new jacking location. Takedown includes disassembly and removal from the site. Excludes earthwork and temporary stone.

34 05 43 00-0154 HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0155	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Set-up	2,937.74
34 05 43 00-0156	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	2,135.92
34 05 43 00-0157	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	451.71

34 05 43 00-0158 HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0159	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Set-up	3,021.59
34 05 43 00-0160	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	2,014.73
34 05 43 00-0161	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	433.32

34 05 43 00-0162 HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0163	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Set-up	1,939.22
34 05 43 00-0164	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	906.84
34 05 43 00-0165	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	275.85

34 05 43 00-0166 HP14x117 Column Attached to Existing Footing, Permanent Steel Stiffeners, Braced by Angles Attached to Abutment Face, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0167	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Set-up	5,409.18
34 05 43 00-0168	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	3,247.57
34 05 43 00-0169	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	742.50

34 05 43 00-0170 Mat Supported HP12x63 Column, Braced by Channel and Angles, Attached to Existing 4" Diameter Concrete Column, Temporary Shoring *(34 05 43 00-0153)*

Note: Excludes mats. See CSI section 01 22 23 00-0587 for mats.

34 05 43 00-0171	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Set-up Note: Excludes mats.	5,740.34
34 05 43 00-0172	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Relocation Note: Excludes mats.	2,246.09
34 05 43 00-0173	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Take Down And Removal Note: Excludes mats.	1,133.29

34 05 43 00-0174 Mat Supported HP12x53 Column, Braced by Channel and Angles, Attached to Abutment Face, Temporary Shoring *(34 05 43 00-0153)*

Note: Excludes mats. See CSI section 01 22 23 00-0587 for mats.

34 05 43 00-0175	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Set-up	2,341.01
34 05 43 00-0176	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation Note: Excludes mats.	689.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0177	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal Note: Excludes mats.	388.50	

34 05 43 00-0178 MC18x51.9 Attached to Abutment Face, Temporary Wood Stiffeners, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0179	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Set-up	2,985.74	
34 05 43 00-0180	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Relocation	2,758.87	
34 05 43 00-0181	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Take Down And Removal	379.30	

34 05 43 00-0182 MC15x74 Attached to Abutment Face, Temporary Wood Stiffeners, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0183	EA	MC15x74 Attached To Abutment Face, Temporary Shoring Set-up	2,138.65	
34 05 43 00-0184	EA	MC15x74 Attached To Abutment Face, Temporary Shoring Relocation	1,950.80	
34 05 43 00-0185	EA	MC15x74 Attached To Abutment Face, Temporary Shoring Take Down And Removal	312.63	

34 05 43 00-0186 Plates And Angles Connecting Existing Diaphragm To Existing Bearing Stiffener At Pedestrian Bridge Column, Temporary Shoring *(34 05 43 00-0153)*

34 05 43 00-0187	EA	Plates And Angles Connecting Existing Diaphragm To Existing Bearing Stiffener At Pedestrian Bridge, Temporary Shoring Set-up Note: Left in place.	1,412.13	

34 05 43 00-0188 Temporary Bridge Shoring Components *(34 05 43 00-0153)*

Note: For temporary shoring of columns and abutments associated with vertical jacking of structural members. Includes lifting equipment where appropriate. Excludes engineering and design. See CSI section 01 54 23 00-0060 for temporary lumber.

34 05 43 00-0189 Fabricate, Install And Remove After Use Temporary Steel Bridge Shoring *(34 05 43 00-0188)*

Note: Includes cutting, drilling and welds. Excludes gravel, mats, anchors, and bolts.

34 05 43 00-0190	LF	Fabricate And Install MC7 x 19.1 For Temporary Bridge Shoring Note: Remove after use.	89.99	
34 05 43 00-0191	LF	Fabricate And Install MC18 x 51.9 For Temporary Bridge Shoring Note: Remove after use.	222.69	
34 05 43 00-0192	LF	Fabricate And Install HP12 x 53 For Temporary Bridge Shoring Note: Remove after use.	172.56	
34 05 43 00-0193	LF	Fabricate And Install HP12 x 63 For Temporary Bridge Shoring Note: Remove after use.	192.61	
34 05 43 00-0194	LF	Fabricate And Install 3" x 3" x 3/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	25.78	
		For Galvanized Steel, Add	*6.16*	
34 05 43 00-0195	LF	Fabricate And Install 4" x 4" x 3/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	32.77	
		For Galvanized Steel, Add	*8.38*	
34 05 43 00-0196	LF	Fabricate And Install 7" x 4" x 5/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	66.06	
		For Galvanized Steel, Add	*18.95*	
34 05 43 00-0197	LF	Fabricate And Install 5" x 3-1/2" x 3/4" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	57.25	
		For Galvanized Steel, Add	*16.98*	
34 05 43 00-0198	LF	Fabricate And Install 7" x 4" x 3/4" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	75.75	
		For Galvanized Steel, Add	*22.46*	
34 05 43 00-0199	SF	Fabricate And Install 5/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	92.86	
		For A50 Grade Steel, Add	*2.47*	
34 05 43 00-0200	SF	Fabricate And Install 7/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	129.98	
		For A50 Grade Steel, Add	*3.46*	
34 05 43 00-0201	SF	Fabricate And Install 1-3/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	204.26	
		For A50 Grade Steel, Add	*5.44*	
34 05 43 00-0202	SF	Fabricate And Install 1-1/2" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	222.83	
		For A50 Grade Steel, Add	*5.93*	

34 05 43 00-0203 Relocate Temporary Steel Bridge Shoring *(34 05 43 00-0188)*

Note: Includes removal after use.

34 05 43 00-0204	EA	Relocate Complete Temporary Steel Bridge Shoring Note: Remove after use. Includes relocating support matts. Excludes anchors, bolts or additional steel if required.	4,940.93	
34 05 43 00-0205	SF	Relocate 1-3/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	95.51	
34 05 43 00-0206	LF	Relocate HP12 x 63 For Temporary Bridge Shoring Note: Remove after use.	79.06	
34 05 43 00-0207	LF	Relocate 3" x 3" x 3/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	15.85	
34 05 43 00-0208	LF	Relocate 4" x 4" x 3/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	19.25	
34 05 43 00-0209	LF	Relocate 7" x 4" x 3/4" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	39.52	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0210	SF	Relocate 7/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	60.78	
34 05 43 00-0211	LF	Relocate MC7 x 19.1 For Temporary Bridge Shoring Note: Remove after use.	45.84	
34 05 43 00-0212	LF	Relocate HP12 x 53 For Temporary Bridge Shoring Note: Remove after use.	77.41	
34 05 43 00-0213	SF	Relocate 5/8" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	43.43	
34 05 43 00-0214	LF	Relocate 7" x 4" x 5/8" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	35.50	
34 05 43 00-0215	SF	Relocate 1-1/2" A36 Steel Plates For Temporary Bridge Shoring Note: Remove after use.	104.20	
34 05 43 00-0216	LF	Relocate MC18 x 51.9 For Temporary Bridge Shoring Note: Remove after use.	132.31	
34 05 43 00-0217	LF	Relocate 5" x 3-1/2" x 3/4" Angle Iron For Temporary Bridge Shoring Note: Remove after use.	29.87	
34 05 43 00-0218		**Pier Caps And Pedestal Replacement For Bridges** *(34 05 43)* See CSI section 03 15 19 00-0001 for anchor bolts.		
34 05 43 00-0219	SF	Bridge Wood Formwork For Seats, Pedestals, Pier Caps And Miscellaneous Areas For Bridges	28.50	
34 05 43 00-0220	CWT	Rebar For Pier Cap Or Pedestals For Bridges	524.31	
34 05 43 00-0221	CY	Pour Pedestals For Bridges	440.62	
34 05 43 00-0222	CY	Demolish Concrete Pedestals For Bridges	4,776.26	
34 05 43 00-0223	CY	Pour Pier Cap For Bridges	520.96	
34 05 43 00-0224	CY	Demolish Concrete Pier Cap For Bridges	5,492.18	
34 05 43 00-0225		**Bridge Deck Repair** *(34 05 43)*		
34 05 43 00-0226		**Remove Existing Steel Joint System** *(34 05 43 00-0225)*		
34 05 43 00-0227	LF	Removal Of Existing Steel Joint System	68.96	
34 05 43 00-0228		**Break-Up And Remove Bridge Decking By Machine** *(34 05 43 00-0225)* Note: Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting, See CSI section 02 41 19 13-0059 for saw cutting.		
34 05 43 00-0229	SY	Break-Up And Remove Up To 3" Thick Bituminous Pavement Bridge Decking By Machine	23.23	
		For >500 To 1,000, Deduct		*-2.32*
		For >1,000 To 2,500, Deduct		*-4.18*
		For >2,500 To 5,000, Deduct		*-6.04*
		For >5,000 To 10,000, Deduct		*-7.90*
		For >10,000, Deduct		*-9.76*
34 05 43 00-0230	SY	Break-Up And Remove >3" To 6" Thick Bituminous Pavement Bridge Decking By Machine	31.73	
		For >500 To 1,000, Deduct		*-3.17*
		For >1,000 To 2,500, Deduct		*-5.71*
		For >2,500 To 5,000, Deduct		*-8.25*
		For >5,000 To 10,000, Deduct		*-10.79*
		For >10,000, Deduct		*-13.33*
34 05 43 00-0231	SY	Break-Up And Remove To 3" Thick Concrete With Reinforcing Bridge Decking By Machine	38.49	
		For >500 To 1,000, Deduct		*-3.85*
		For >1,000 To 2,500, Deduct		*-6.93*
		For >2,500 To 5,000, Deduct		*-10.01*
		For >5,000 To 10,000, Deduct		*-13.09*
		For >10,000, Deduct		*-16.17*
34 05 43 00-0232	SY	Break-Up And Remove > 3" To 6" Thick Concrete With Reinforcing Bridge Decking By Machine	49.49	
		For >500 To 1,000, Deduct		*-4.95*
		For >1,000 To 2,500, Deduct		*-8.91*
		For >2,500 To 5,000, Deduct		*-12.87*
		For >5,000 To 10,000, Deduct		*-16.83*
		For >10,000, Deduct		*-20.79*
34 05 43 00-0233	SY	Break-Up And Remove > 6" To 9" Thick Concrete With Reinforcing Bridge Decking By Machine	88.48	
		For >500 To 1,000, Deduct		*-8.85*
		For >1,000 To 2,500, Deduct		*-15.93*
		For >2,500 To 5,000, Deduct		*-23.00*
		For >5,000 To 10,000, Deduct		*-30.08*
		For >10,000, Deduct		*-37.16*
34 05 43 00-0234	SY	Break-Up And Remove >9" To 14" Thick Concrete With Reinforcing Bridge Decking By Machine	115.47	
		For >500 To 1,000, Deduct		*-11.55*
		For >1,000 To 2,500, Deduct		*-20.78*
		For >2,500 To 5,000, Deduct		*-30.02*
		For >5,000 To 10,000, Deduct		*-39.26*
		For >10,000, Deduct		*-48.50*
34 05 43 00-0235	SY	Break-Up And Remove >14" To 19" Thick Concrete With Reinforcing Bridge Decking By Machine	150.96	
		For >500 To 1,000, Deduct		*-15.10*
		For >1,000 To 2,500, Deduct		*-27.17*
		For >2,500 To 5,000, Deduct		*-39.25*
		For >5,000 To 10,000, Deduct		*-51.33*
		For >10,000, Deduct		*-63.40*
34 05 43 00-0236	SY	Break-Up And Remove >19" To 24" Thick Concrete With Reinforcing Bridge Decking By Machine	183.21	
		For >500 To 1,000, Deduct		*-18.32*
		For >1,000 To 2,500, Deduct		*-32.98*
		For >2,500 To 5,000, Deduct		*-47.63*
		For >5,000 To 10,000, Deduct		*-62.29*
		For >10,000, Deduct		*-76.95*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0237			**Break-Up And Remove Bridge Decking By Hand** *(34 05 43 00-0225)* Note: Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0059 for saw cutting.		
34 05 43 00-0238		SF	Break-Up And Remove 1" To 3" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	15.60	
34 05 43 00-0239		SF	Break-Up And Remove >3" To 6" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	20.53	
34 05 43 00-0240		SF	Break-Up And Remove >6" To 8" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	26.70	
34 05 43 00-0241		SF	Break-Up And Remove 1" To 3" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	19.51	
34 05 43 00-0242		SF	Break-Up And Remove >3" To 6" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	24.39	
34 05 43 00-0243		SF	Break-Up And Remove >6" To 8" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	29.27	
34 05 43 00-0244		SF	Chipping And Cleaning Of Bridge Deck After Break-up And Removals	6.19	
34 05 43 00-0245			**Hydro Blasting Of Bridge Decks** *(34 05 43 00-0225)* Note: Excludes hauling and disposal of water and debris.		
34 05 43 00-0246		EA	Mobilization Of Hydro Blasting Equipment Note: Includes trailer with power, hydro milling machine, vacuum machine.	14,909.68	
34 05 43 00-0247		EA	Mobilization Of Hydro Blasting Equipment Note: Includes water tank, pump and miscellaneous fittings.	1,936.32	
34 05 43 00-0248		SF	Hydro Blasting Of Up To 2-1/2" Of Bridge Decks	12.96	
34 05 43 00-0249		SF	Vacuuming And Cleaning Of Bridge Decks Up To 2-1/2", Following Hydroblasting	9.58	
34 05 43 00-0250		SF	Chipping And Cleaning Of Bridge Deck After Hydro Blasting And Vacuum Up To 2-1/2"	2.36	
34 05 43 00-0251		SF	Hydro Blasting 3" To 4-1/2" Of Bridge Decks	19.15	
34 05 43 00-0252		SF	Vacuuming And Cleaning Of Bridge Decks 3" To 4-1/2", Following Hydro Blasting	12.96	
34 05 43 00-0253		SF	Chipping And Cleaning Of Bridge Deck After Hydro Blasting And Vacuum 3" To 4-1/2"	6.19	
34 05 43 00-0254		GAL	Water For Hydro Blasting Note: Includes delivery.	0.18	
34 05 43 00-0255			**Patch For Bridge Deck** *(34 05 43 00-0225)*		
34 05 43 00-0256		CF	Fast-Setting, Rapid-Hardening Structural Repair Mortar For Bridge Deck Note: Includes forming, cleaning, primer, and concrete material. Excludes reinforcing, dowels, and seal.	106.81	
34 05 43 00-0257		CF	Polyester-Based Polymer Patch For Bridge Deck Note: Includes forming, cleaning, primer, and concrete material. Excludes reinforcing, dowels, and seal.	111.78	
34 05 43 00-0258		SF	Hand Placed Hot Mixed Asphalt Repair For Bridge Approach Note: Includes removal of HMA, tack coat, and installation of HMA and compaction by roller.	27.79	
34 05 43 00-0259			**Pressure Washing For Bridge Deck** *(34 05 43 00-0225)*		
34 05 43 00-0260		SF	Pressure Washing For Bridge Deck Note: Includes pressure washer and water.	0.10	
34 05 43 00-0261			**Galvanic Anodes For Bridges** *(34 05 43)*		
34 05 43 00-0262		EA	2.6" Diameter x 1.2" Deep , Anode Type 1A Class P, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP) Note: Corrosion prevention only (preventing the initiation of corrosion).	60.08	
34 05 43 00-0263		EA	4.9" Long x 1.0" Wide x 1.0" Deep , Anode Type 1A Class P, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XPT) Note: Corrosion prevention only (preventing the initiation of corrosion).	60.08	
34 05 43 00-0264		EA	2.8" Long x 2.4" Wide x 1.2" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP2) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	68.67	
34 05 43 00-0265		EA	4.3" Long x 2.2" Wide x 1.2" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP4) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	75.19	
34 05 43 00-0266		EA	2.5" Diameter x 1.1" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP+) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	68.67	
34 05 43 00-0267		EA	1-3/4" Diameter x 2-1/2" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC65) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	70.84	
34 05 43 00-0268		EA	1-3/4" Diameter x 4" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC100) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	86.06	
34 05 43 00-0269		EA	1-1/8" Diameter x 5-3/8" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC135) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	79.54	
34 05 43 00-0270			**Bridge Netting Panels** *(34 05 43)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0271	SF	Bridge Netting Panel Note: Includes cable, beam clamps to attach to the bridge structure without the need for drilling/welding and snap hooks for attaching the net.	10.22	
		For Up To 160, Add	*10.00*	
		For >160 To 320, Add	*5.00*	
		For >320 To 480, Add	*2.50*	
		For >2,000 To 10,000, Deduct	*-0.45*	
		For >10,000 To 25,000, Deduct	*-0.90*	
		For >25,000, Deduct	*-1.35*	

34 05 43 00-0272 Anchors For Bridges *(34 05 43)*

Note: Excludes core drilling. See CSI section 02 41 19 13-0082 for core drilling.

34 05 43 00-0273 Threaded Rod, A449 *(34 05 43 00-0272)*

34 05 43 00-0274	LF	7/8" Diameter Continuous Threaded Rod, A449	21.70
34 05 43 00-0275	LF	1" Diameter Continuous Threaded Rod, A449	25.80
34 05 43 00-0276	LF	1-1/8" Diameter Continuous Threaded Rod, A449	29.89
34 05 43 00-0277	LF	1-1/4" Diameter Continuous Threaded Rod, A449	37.75

34 05 43 00-0278 Flat Washers, F436 *(34 05 43 00-0272)*

34 05 43 00-0279	EA	7/8" Flat Washer, F436	2.35
34 05 43 00-0280	EA	1" Flat Washer, F436	2.73
34 05 43 00-0281	EA	1-1/8" Flat Washer, F436	3.01
34 05 43 00-0282	EA	1-1/4" Flat Washer, F436	3.43

34 05 43 00-0283 Heavy Hex Nut, A194 *(34 05 43 00-0272)*

34 05 43 00-0284	EA	7/8" Hex Nut, A194	4.74
34 05 43 00-0285	EA	1" Hex Nut, A194	6.44
34 05 43 00-0286	EA	1-1/8" Hex Nut, A194	7.62
34 05 43 00-0287	EA	1-1/4" Hex Nut, A194	9.11

34 05 43 00-0288 Grout For Threaded Rod *(34 05 43 00-0272)*

34 05 43 00-0289	IN	Grout 7/8" Rod In Hole	3.58
34 05 43 00-0290	IN	Grout 1" Rod In Hole	4.09
34 05 43 00-0291	IN	Grout 1-1/8" Rod In Hole	4.77
34 05 43 00-0292	IN	Grout 1-1/4" Rod In Hole	5.71

34 05 43 00-0293 Test Grouted Anchor *(34 05 43 00-0272)*

34 05 43 00-0294	EA	Test Grouted Anchor	36.62

34 05 43 00-0295 Removal Of Fasteners Or Anchors In Concrete *(34 05 43 00-0272)*

Note: Includes removal of damaged, chemically adhered or mechanically fastened bolts, studs, threaded rod or concrete anchors with a carbide drill bit.

34 05 43 00-0296	EA	Drill Out 3/8" Diameter Fastener/Anchor In Concrete	32.57
34 05 43 00-0297	EA	Drill Out 1/2" Diameter Fastener/Anchor In Concrete	35.02
34 05 43 00-0298	EA	Drill Out 9/16" Diameter Fastener/Anchor In Concrete	36.65
34 05 43 00-0299	EA	Drill Out 5/8" Diameter Fastener/Anchor In Concrete	39.76
34 05 43 00-0300	EA	Drill Out 3/4" Diameter Fastener/Anchor In Concrete	43.50
34 05 43 00-0301	EA	Drill Out 7/8" Diameter Fastener/Anchor In Concrete	48.08
34 05 43 00-0302	EA	Drill Out 1" Diameter Fastener/Anchor In Concrete	50.82
34 05 43 00-0303	EA	Drill Out 1-1/8" Diameter Fastener/Anchor In Concrete	54.06
34 05 43 00-0304	EA	Drill Out 1-1/4" Diameter Fastener/Anchor In Concrete	58.07
34 05 43 00-0305	EA	Drill Out 1-1/2" Diameter Fastener/Anchor In Concrete	65.20

34 05 43 00-0306 Bridge Surfacing *(34 05 43)*

34 05 43 00-0307 Bridge Coatings *(34 05 43 00-0306)*

Note: Includes sweeping of bridge deck.

34 05 43 00-0308	SF	Penetrating Corrosion Inhibitor Sealer For Bridge Decks (Two Coats) Note: Includes power washing and drying after power washing.	1.27
34 05 43 00-0309	SF	Protective Seal Coat For Existing Bridge Decks	2.44
34 05 43 00-0310	SF	Penetrating Sealer For Existing Bridge Decks	3.98

34 05 43 00-0311 Bridge Membranes *(34 05 43 00-0306)*

Note: Excludes abrasive blasting of deck.

34 05 43 00-0312	SF	Spray Applied Waterproofing Membrane For Bridge Decks	15.53
34 05 43 00-0313	SF	Sheet Applied Waterproofing Membrane For Bridge Decks	4.45

34 05 43 00-0314 Sealer And Overlay For Bridge Deck *(34 05 43 00-0306)*

Note: Excludes sweeping, cleaning and abrasive blasting.

34 05 43 00-0315	SY	Shot Blasting Bridge Decks Note: Includes steel ball media. Includes air cleaning of deck surface after shot blasting.	15.56
34 05 43 00-0316	SY	Thin Polymer (Epoxy) Overlay For Bridge Deck Note: Includes epoxy overlay applied in two coats with aggregate.	95.79

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0317	SY	3/4" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	179.76	
34 05 43 00-0318	SY	1" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	204.52	
34 05 43 00-0319	SY	1-1/2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	260.36	
34 05 43 00-0320	SY	2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	316.21	
34 05 43 00-0321	SY	2-1/2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	372.06	
34 05 43 00-0322	SY	3" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.	427.91	
34 05 43 00-0323		**Broadcast Silica Sand** *(34 05 43 00-0306)* Note: Includes removing loose sand.		
34 05 43 00-0324	SF	Broadcast Silica Sand	0.32	
34 05 43 00-0325		**Sweeping And Cleaning Of Bridge Deck** *(34 05 43 00-0306)* See CSI section 01 22 23 00-1497 for water trucks, 01 22 23 00-1522 for vacuum sweeper trucks.		
34 05 43 00-0326		**Concrete Overlay For Bridge Deck** *(34 05 43 00-0306)* Note: Includes sweeping and cleaning. Excludes abrasive blasting.		
34 05 43 00-0327	SY	3" Concrete Overlay For Bridge Deck	193.04	
		For DOT Class DP, Add	*36.69*	
		For DOT Class E, Add	*11.97*	
		For DOT Class HP, Add	*35.03*	
34 05 43 00-0328		**Bridge Roadway Grooving** *(34 05 43 00-0306)*		
34 05 43 00-0329	EA	Up To 500 SY Of Bridge Pavement Grooving, Concrete, Longitudinal	4,318.41	
34 05 43 00-0330	SY	Each SY Over First 500 SY Of Bridge Pavement Grooving, Concrete, Longitudinal	6.99	
34 05 43 00-0331	EA	Up To 500 SY Of Bridge Pavement Grooving, Concrete, Traverse	4,810.87	
34 05 43 00-0332	SY	Each SY Over First 500 SY Of Bridge Pavement Grooving, Concrete, Traverse	9.11	
34 05 43 00-0333		**Gravity Fed Concrete Crack Repair** *(34 05 43 00-0306)* Note: Includes removing loose materials and cleaning.		
34 05 43 00-0334	LF	Epoxy Low Viscosity Gravity Fed Concrete Crack Repair	3.91	
34 05 43 00-0335	LF	HMWM Low Viscosity Gravity Fed Concrete Crack Repair	4.59	
34 05 43 00-0336		**Concrete Pumping With Boom Truck** *(34 05 43 00-0306)* See CSI section 03 31 13 00-0010 for concrete delivery for small quantities, 03 37 16 00-0001 for concrete pump truck.		
34 05 43 00-0337		**Bridge Girder Repair** *(34 05 43)*		
34 05 43 00-0338		**Bridge Girder Repair** *(34 05 43 00-0337)* Note: Does not include mobilization of bridge jacking crew. See CSI section 05 05 23 00-0033 for bolts, nuts and washers, 05 12 23 00-0000 for additional steel shapes, angles and channels.		
34 05 43 00-0339	HR	UT, MT, PT Testing Note: Does not include mileage to job site.	75.00	
34 05 43 00-0340	EA	Mobilization of Bridge Girder Repair Crew	2,865.54	
34 05 43 00-0341	LF	3" x 3" x 1/4" Angle Iron For Bridge Repair	14.80	6.03
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*21.63*	
		For Aluminum, Add	*1.22*	
		For Galvanized Steel, Add	*4.19*	
34 05 43 00-0342	LF	4" x 4" x 1/4" Angle Iron For Bridge Repair	18.94	7.36
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
34 05 43 00-0343	LF	3" x 3" x 3/8" Angle Iron For Bridge Repair	18.98	6.79
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
34 05 43 00-0344	LF	4" x 4" x 3/8" Angle Iron For Bridge Repair	24.52	8.25
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
34 05 43 00-0345	LF	6" x 4" x 3/8" Angle Iron For Bridge Repair	31.37	10.77
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*54.43*	
		For Aluminum, Add	*3.06*	
		For Galvanized Steel, Add	*10.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0346	LF	6" x 6" x 3/8" Angle Iron For Bridge Repair	34.97	10.77
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*65.95*	
		For Aluminum, Add	*3.71*	
		For Galvanized Steel, Add	*12.78*	
34 05 43 00-0347	LF	6" x 6" x 1/2" Angle Iron For Bridge Repair	46.38	14.46
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*86.72*	
		For Aluminum, Add	*4.88*	
		For Galvanized Steel, Add	*16.80*	
34 05 43 00-0348	LF	7" x 4" x 5/8" Angle Iron For Bridge Repair	50.88	15.24
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*97.79*	
		For Aluminum, Add	*5.50*	
		For Galvanized Steel, Add	*18.95*	
34 05 43 00-0349	LF	5" x 3-1/2" x 3/4" Angle Iron For Bridge Repair	44.45	12.80
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*87.62*	
		For Aluminum, Add	*4.93*	
		For Galvanized Steel, Add	*16.98*	
34 05 43 00-0350	LF	6" x 4" x 3/4" Angle Iron For Bridge Repair	52.98	15.26
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*104.45*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.24*	
34 05 43 00-0351	LF	7" x 4" x 3/4" Angle Iron For Bridge Repair	58.82	16.94
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*115.94*	
		For Aluminum, Add	*6.52*	
		For Galvanized Steel, Add	*22.46*	
34 05 43 00-0352	LF	8" x 6" x 7/8" Angle Iron For Bridge Repair	85.53	23.60
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*173.02*	
		For Aluminum, Add	*9.73*	
		For Galvanized Steel, Add	*33.52*	
34 05 43 00-0353	LF	C4 x 5.4 - 4" Wide Channels For Bridge Repair	17.82	7.76
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*23.90*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.63*	
34 05 43 00-0354	LF	C6 x 8.2 - 6" Wide Channels For Bridge Repair	25.82	10.86
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
34 05 43 00-0355	LF	C8 x 11.5 - 8" Wide Channels For Bridge Repair	34.87	14.22
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*50.88*	
		For Aluminum, Add	*2.86*	
		For Galvanized Steel, Add	*9.86*	
34 05 43 00-0356	LF	C10 x 15.3 - 10" Wide Channels For Bridge Repair	46.37	18.92
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*67.68*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.11*	
34 05 43 00-0357	LF	C12 x 20.7 - 12" Wide Channels For Bridge Repair	62.76	25.61
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*91.58*	
		For Aluminum, Add	*5.15*	
		For Galvanized Steel, Add	*17.74*	
34 05 43 00-0358	LF	C15 x 33.9 - 15" Wide Channels For Bridge Repair	102.78	41.93
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*149.98*	
		For Aluminum, Add	*8.44*	
		For Galvanized Steel, Add	*29.06*	
34 05 43 00-0359	SF	1/2" A36 Steel Plates For Bridge Repair	56.91	16.50
		For A50 Grade Steel, Add	*1.98*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0360	SF	5/8" A36 Steel Plates For Bridge Repair	71.14	20.63
		For A50 Grade Steel, Add	*2.47*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0361	SF	3/4" A36 Steel Plates For Bridge Repair	85.37	24.63
		For A50 Grade Steel, Add	*2.97*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0362	SF	7/8" A36 Steel Plates For Bridge Repair	99.59	28.87
		For A50 Grade Steel, Add	*3.46*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0363	SF	1" A36 Steel Plates For Bridge Repair	113.82	33.00
		For A50 Grade Steel, Add	*3.95*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0364	SF	1-1/4" A36 Steel Plates For Bridge Repair	142.28	41.25
		For A50 Grade Steel, Add	*4.94*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0365	SF	1-3/8" A36 Steel Plates For Bridge Repair	156.51	45.38
		For A50 Grade Steel, Add	*5.44*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0366	SF	1-1/2" A36 Steel Plates For Bridge Repair	170.74	49.50
		For A50 Grade Steel, Add	*5.93*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0367	CWT	Removal Of Existing Steel For Bridge Repair A36 Note: For use with angles, channels and steel plates up to 5' x 5'.	71.20	
		For Removal Over 30' To 50', Add	*14.24*	
		For Removal Over 50' To 75', Add	*24.92*	
		For Removal Over 75', Add	*35.60*	
34 05 43 00-0368	TON	Removal Of Existing Steel For Bridge Repair A36 Note: For use with I-beams, floor beams and plates over 5' x 5'.	949.46	
		For Removal Over 30' To 50', Add	*189.89*	
		For Removal Over 50' To 75', Add	*332.31*	
		For Removal Over 75', Add	*474.73*	
34 05 43 00-0369	CWT	Miscellaneous Steel For Bridge Repair A36 Note: For use with angles, channels and steel plates up to 5' x 5'.	426.94	
		For A50 Grade Steel, Add	*71.15*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
34 05 43 00-0370	TON	Miscellaneous Steel For Bridge Repair A36 Note: For use with I-beams, floor beams and plates over 5' x 5'.	6,788.63	
		For A50 Grade Steel, Add	*1,167.83*	
		Cutting Fee For I-beams, Floor Beams And Plates Over 5' x 5', Add Per Each Piece	*30.00*	
34 05 43 00-0371	EA	Field Or Shop Drilled Holes In Miscellaneous Steel For Bridge Repair Up To 15/16" Diameter Note: Per each hole drilled per steel member.	40.22	
34 05 43 00-0372	EA	Field Or Shop Drilled Holes In Miscellaneous Steel For Bridge Repair >15/16" Diameter Note: Per each hole drilled per steel member.	52.27	
34 05 43 00-0373	EA	Bolts A325 For Steel Repair Connections Up To 7/8"	30.77	2.29
34 05 43 00-0374	EA	Bridge Girder Rivet Removal	356.34	
34 05 43 00-0375	LF	Up To 1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	7.67	
34 05 43 00-0376	LF	>1/2" To 1" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	13.41	
34 05 43 00-0377	LF	>1" To 1-1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	19.16	
34 05 43 00-0378	LF	>1-1/2" To 2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	24.91	
34 05 43 00-0379	LF	>2" To 2-1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	30.65	
34 05 43 00-0380	LF	>2-1/2" To 3" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	36.40	

34 05 43 00-0381 Cleaning And Preparation Of Painted And Unpainted Metal Surfaces *(34 05 43 00-0337)*

34 05 43 00-0382	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Surface Preparation, Bridge Girder Repair	1.27	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
34 05 43 00-0383	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Surface Preparation, Bridge Girder Repair	1.74	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0384	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Surface Preparation, Bridge Girder Repair	2.56	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 30,000, Deduct	*-0.37*	
		For >30,000, Deduct	*-0.49*	
34 05 43 00-0385	SF	Badly Pitted With Rust Nodules, Commercial Blast, Surface Preparation, Bridge Girder Repair	4.27	
		For Up To 100, Add	*2.66*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 30,000, Deduct	*-0.62*	
		For >30,000, Deduct	*-0.82*	
34 05 43 00-0386	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	3.25	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.30*	
		For >15,000 To 30,000, Deduct	*-0.47*	
		For >30,000, Deduct	*-0.62*	
34 05 43 00-0387	SF	Tight Mill Scale Little Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	4.03	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.49*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.37*	
		For >15,000 To 30,000, Deduct	*-0.58*	
		For >30,000, Deduct	*-0.77*	
34 05 43 00-0388	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	5.22	
		For Up To 100, Add	*3.20*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.64*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 15,000, Deduct	*-0.48*	
		For >15,000 To 30,000, Deduct	*-0.75*	
		For >30,000, Deduct	*-1.00*	
34 05 43 00-0389	SF	Badly Pitted Rust Nodules, Near White Blast, Surface Preparation, Bridge Girder Repair	6.52	
		For Up To 100, Add	*3.99*	
		For >100 To 250, Add	*1.86*	
		For >250 To 500, Add	*0.80*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 15,000, Deduct	*-0.60*	
		For >15,000 To 30,000, Deduct	*-0.94*	
		For >30,000, Deduct	*-1.24*	

34 05 43 00-0390 Galvanized Anchor Bolts For Bridge Bearings *(34 05 43 00-0337)*

34 05 43 00-0391	EA	1/2" Diameter x 6" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	15.20
34 05 43 00-0392	EA	1/2" Diameter x 12" Long, J-Type Galvanized Anchor Bolts For Bridge Bearings	23.49
34 05 43 00-0393	EA	1/2" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	29.76
34 05 43 00-0394	EA	5/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	35.94
34 05 43 00-0395	EA	5/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	45.62
34 05 43 00-0396	EA	5/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	51.69
34 05 43 00-0397	EA	3/4" Diameter x 8" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	51.40
34 05 43 00-0398	EA	3/4" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	59.30
34 05 43 00-0399	EA	3/4" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	73.96
34 05 43 00-0400	EA	3/4" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	91.22
34 05 43 00-0401	EA	7/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	68.93
34 05 43 00-0402	EA	7/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	81.77
34 05 43 00-0403	EA	7/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	106.25
34 05 43 00-0404	EA	1" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	87.01
34 05 43 00-0405	EA	1" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	104.10
34 05 43 00-0406	EA	1" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	129.48
34 05 43 00-0407	EA	1" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	158.85
34 05 43 00-0408	EA	1-1/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	106.27
34 05 43 00-0409	EA	1-1/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	127.23
34 05 43 00-0410	EA	1-1/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	158.38
34 05 43 00-0411	EA	1-1/8" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	194.19
34 05 43 00-0412	EA	1-1/4" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	130.26
34 05 43 00-0413	EA	1-1/4" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	156.07
34 05 43 00-0414	EA	1-1/4" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	194.41
34 05 43 00-0415	EA	1-1/4" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	238.23
34 05 43 00-0416	EA	1-1/2" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	160.26
34 05 43 00-0417	EA	1-1/2" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	192.08
34 05 43 00-0418	EA	1-1/2" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	239.47
34 05 43 00-0419	EA	1-1/2" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	293.31

34 05 43 00-0420 Welding For Bridge Repair *(34 05 43 00-0337)*

34 05 43 00-0421	EA	Minimum Charge For Welding For Bridge Repair Note: For projects where the total welding charge is less than the minimum charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	2,278.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0422	LF	3/16" Fillet Welding For Bridge Repair	16.82	
		For Full Penetration Weld, Add	*6.28*	
34 05 43 00-0423	LF	1/4" Fillet Welding For Bridge Repair	25.27	
		For Full Penetration Weld, Add	*9.42*	
34 05 43 00-0424	LF	5/16" Fillet Welding For Bridge Repair	33.71	
		For Full Penetration Weld, Add	*12.56*	
34 05 43 00-0425	LF	3/8" Fillet Welding For Bridge Repair	42.09	
		For Full Penetration Weld, Add	*15.70*	
34 05 43 00-0426	LF	7/16" Fillet Welding For Bridge Repair	49.35	
		For Full Penetration Weld, Add	*18.84*	
34 05 43 00-0427	LF	1/2" Fillet Welding For Bridge Repair	58.49	
		For Full Penetration Weld, Add	*21.80*	
34 05 43 00-0428	LF	9/16" Fillet Welding For Bridge Repair	67.79	
		For Full Penetration Weld, Add	*25.69*	
34 05 43 00-0429	LF	5/8" Fillet Welding For Bridge Repair	74.85	
		For Full Penetration Weld, Add	*28.25*	
34 05 43 00-0430	LF	3/4" Fillet Welding For Bridge Repair	103.78	
		For Full Penetration Weld, Add	*38.61*	
34 05 43 00-0431	LF	7/8" Fillet Welding For Bridge Repair	136.05	
		For Full Penetration Weld, Add	*51.19*	
34 05 43 00-0432	LF	1" Fillet Welding For Bridge Repair	190.13	
		For Full Penetration Weld, Add	*70.63*	

34 05 43 00-0433 Bridge Trough Repair *(34 05 43)*

34 05 43 00-0434	EA	New Bridge Trough Hanger	317.82	28.74
34 05 43 00-0435	EA	Reattach By Welding Existing Bridge Trough Hanger, Top And/or Bottom	75.35	
34 05 43 00-0436	EA	Removal And Replacement Of All Thread For Existing Bridge Trough Hanger	136.30	
34 05 43 00-0437	EA	Removal And Replacement Of Steel Angle Attachment For Existing Bridge Trough Hanger	74.57	

34 05 43 00-0438 Spot Paint Removal And Painting, Bridge Structural Steel *(34 05 43)*

34 05 43 00-0439	HR	Testing For Lead And Asbestos Paint Removal By Asbestos Contractor	120.42	
34 05 43 00-0440	EA	Up To 4 SF, Flat Surfaces, Non-Contaminated Paint Removal	224.27	
34 05 43 00-0441	SF	>4 SF, Flat Surfaces, Non-Contaminated Paint Removal	56.07	
34 05 43 00-0442	EA	Up To 4 SF, Flat Surfaces, Lead Or Asbestos Paint Removal Note: Includes high efficiency particulate air (HEPA) vacuuming.	313.94	
34 05 43 00-0443	SF	>4 SF, Flat Surfaces, Lead Or Asbestos Paint Removal Note: Includes high efficiency particulate air (HEPA) vacuuming.	78.49	
34 05 43 00-0444	CF	Treat and Dispose of Removed Paint Waste	6.81	
34 05 43 00-0445	SF	Flat Surfaces Spot Painting Note: Includes 1 coat epoxy rust inhibiting primer and 2 coats epoxy paint finish.	59.19	
34 05 43 00-0446	EA	Minimum Charge For Plastic Barrier Enclosure for Paint Removal Note: Up to an 8' x 8' area, 7' high. Includes 10 mil plastic on walls and floor. 2"x4" construction. Excludes scaffolding.	1,344.98	
34 05 43 00-0447	SF	Plastic Barrier Enclosure For Paint Removal Note: For projects where the total charge exceeds the minimum charge for plastic barrier enclosures. Includes 10 mil plastic on floor and walls. 2" x 4" construction. Excludes scaffolding. Use area of walls and floor for quantity.	4.20	

34 05 43 00-0448 End Beam Cleaning And Painting For Bridges *(34 05 43)*

34 05 43 00-0449	SF	End Beam Cleaning and Painting Note: Includes high-pressure wash at minimum 3,003 to 5,000 PSI, spot cleaning damaged/rusted areas with hand and power tools (SSPC – SP2 and SP3), solvent cleaning (SSPC-SP1), one coat of aluminum epoxy mastic (minimum 6 mils) to spot cleaned areas, one coat sealer (1-2 mils), and one coat polyurethane finish.	4.28	
		For Up To 100, Add	*4.28*	
		For >100 To 500, Add	*2.82*	
		For >500 To 3,000, Add	*1.41*	
		For >5,000 To 7,500, Deduct	*-0.69*	
		For >7,500 To 10,000, Deduct	*-1.05*	
		For >10,000, Deduct	*-1.49*	

34 05 43 00-0450 Pedestrian Fences For Bridges *(34 05 43)*

34 05 43 00-0451 Pedestrian Fence Assembly For Bridges *(34 05 43 00-0450)*

Note: Includes 1", 11 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, 1-5/8" top rail, 1-5/8" bottom rail, 2-7/8" post 10' on-center. Posts exclude installation onto bridge. Heights indicated are for mesh to top.

34 05 43 00-0452 Galvanized Pedestrian Fence Assembly For Bridges *(34 05 43 00-0451)*

34 05 43 00-0453	LF	4' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	55.49	12.25
		For Posts 8' On Centers, Add	*3.04*	
		For Posts 5' On Centers, Add	*11.43*	
		For Up To 100, Add	*10.55*	
		For >100 To 250, Add	*3.89*	
34 05 43 00-0454	LF	>4' To 5' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	60.55	12.86
		For Posts 8' On Centers, Add	*3.31*	
		For Posts 5' On Centers, Add	*12.42*	
		For Up To 100, Add	*11.42*	
		For >100 To 250, Add	*4.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0455	LF	>5' To 6' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	65.66	13.47
		For Posts 8' On Centers, Add	*3.58*	
		For Posts 5' On Centers, Add	*13.41*	
		For Up To 100, Add	*12.30*	
		For >100 To 250, Add	*4.51*	
34 05 43 00-0456	LF	>6' To 7' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	69.01	14.08
		For Posts 8' On Centers, Add	*3.76*	
		For Posts 5' On Centers, Add	*14.08*	
		For Up To 100, Add	*12.91*	
		For >100 To 250, Add	*4.73*	
34 05 43 00-0457	LF	>7' To 8' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	78.63	15.30
		For Posts 8' On Centers, Add	*4.27*	
		For Posts 5' On Centers, Add	*15.96*	
		For Up To 100, Add	*14.57*	
		For >100 To 250, Add	*5.32*	

34 05 43 00-0458 Vinyl Coated Pedestrian Fence Assembly For Bridges *(34 05 43 00-0451)*

34 05 43 00-0459	LF	4' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	58.37	12.25
		For Powder Coated, Add	*7.23*	
		For Aluminum Coated, Add	*14.45*	
		For Posts 8' On Centers, Add	*3.19*	
		For Posts 5' On Centers, Add	*11.95*	
		For Up To 100, Add	*10.98*	
		For >100 To 250, Add	*4.03*	
34 05 43 00-0460	LF	>4' To 5' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	64.17	12.86
		For Powder Coated, Add	*8.16*	
		For Aluminum Coated, Add	*16.33*	
		For Posts 8' On Centers, Add	*3.49*	
		For Posts 5' On Centers, Add	*13.07*	
		For Up To 100, Add	*11.96*	
		For >100 To 250, Add	*4.38*	
34 05 43 00-0461	LF	>5' To 6' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	73.01	13.47
		For Powder Coated, Add	*9.71*	
		For Aluminum Coated, Add	*19.42*	
		For Posts 8' On Centers, Add	*3.94*	
		For Posts 5' On Centers, Add	*14.73*	
		For Up To 100, Add	*13.40*	
		For >100 To 250, Add	*4.87*	
34 05 43 00-0462	LF	>6' To 7' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	77.56	14.08
		For Powder Coated, Add	*10.40*	
		For Aluminum Coated, Add	*20.79*	
		For Posts 8' On Centers, Add	*4.18*	
		For Posts 5' On Centers, Add	*15.62*	
		For Up To 100, Add	*14.19*	
		For >100 To 250, Add	*5.16*	
34 05 43 00-0463	LF	>7' To 8' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	88.59	15.30
		For Powder Coated, Add	*12.16*	
		For Aluminum Coated, Add	*24.32*	
		For Posts 8' On Centers, Add	*4.76*	
		For Posts 5' On Centers, Add	*17.75*	
		For Up To 100, Add	*16.07*	
		For >100 To 250, Add	*5.82*	

34 05 43 00-0464 Bridge Connection Mounting For Pedestrian Fence Assembly *(34 05 43 00-0451)*

34 05 43 00-0465	EA	Attach Bridge Fence Post To Steel Bridge Railing Post With U-Bolt, Washers And Nuts Note: Includes drilling into steel post.	62.95	
34 05 43 00-0466	EA	Attach Bridge Fence Post Base To Existing Plate, Welding And Touch-up With Galvanized Paint	34.83	
34 05 43 00-0467	EA	Attach Bridge Fence Post Base With Plate, Welding And Touch-up With Galvanized Paint	90.06	
34 05 43 00-0468	EA	Attach Bridge Fence Post To Concrete Safety Shape Barrier With Bolt, 5/8" Diameter x 4-3/4" Anchor Rods, Washers And Nuts Note: Includes drilling into steel post.	105.12	
34 05 43 00-0469	EA	Attach Bridge Fence Post To Stone Faced Barrier Top With Plate, 3/8" Diameter Anchor Rods, Washers And Nuts Note: Includes drilling into steel post.	139.48	

34 10 Guideways/Railways *(34)*

34 11 Rail Tracks *(34 10)*

34 11 93 Track Appurtenances and Accessories *(34 11)*

34 11 93 00-0001 Railroad Crossings *(34 11 93)*

34 11 93 00-0002 Asphalt Railroad Crossings *(34 11 93 00-0001)*

Note: Based on 8" thickness x 20' including track and approach.

34 11 93 00-0003	EA	8" Asphalt Railroad Crossing, 12' Roadway 6 CY	2,422.28	403.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 11 93 00-0004	EA	8" Asphalt Railroad Crossing, 15' Roadway 7.4 CY	2,841.37	457.50
34 11 93 00-0005	EA	8" Asphalt Railroad Crossing, 18' Roadway 8.9 CY	3,350.83	538.23
34 11 93 00-0006	EA	8" Asphalt Railroad Crossing, 21' Roadway 10.4 CY	3,983.31	645.88
34 11 93 00-0007	EA	8" Asphalt Railroad Crossing, 24' Roadway 11.9 CY	4,831.06	807.34
34 11 93 00-0008		Railroad Crossings - Precast Concrete Inserts *(34 11 93 00-0001)*		
		Note: Based on 6" thickness x standard rail width gauge.		
34 11 93 00-0009	EA	Precast Concrete, Railroad Crossing, 12' Road 6" Thick, Standard Gauge	5,820.41	171.21
34 11 93 00-0010	EA	Precast Concrete, Railroad Crossing, 15' Road 6" Thick, Standard Gauge	7,275.52	207.89
34 11 93 00-0011	EA	Precast Concrete, Railroad Crossing, 18' Road 6" Thick, Standard Gauge	8,724.57	256.80
34 11 93 00-0012	EA	Precast Concrete, Railroad Crossing, 21' Road 6" Thick, Standard Gauge	10,175.16	293.49
34 11 93 00-0013	EA	Precast Concrete, Railroad Crossing, 24' Road 6" Thick, Standard Gauge	11,624.77	342.41
34 11 93 00-0014		Molded Rubber Railroad Crossings With Headers *(34 11 93 00-0001)*		
		Note: Based on 3' x 8'-6" sections.		
34 11 93 00-0015	EA	Molded Rubber Railroad Crossing, 12' Road 3' x 8'-6" Sections With Headers	3,378.30	171.21
34 11 93 00-0016	EA	Molded Rubber Railroad Crossing, 15' Road 3' x 8'-6" Sections With Headers	4,014.64	207.89
34 11 93 00-0017	EA	Molded Rubber Railroad Crossing, 18' Road 3' x 8'-6" Sections With Headers	4,644.93	256.80
34 11 93 00-0018	EA	Molded Rubber Railroad Crossing, 21' Road 3' x 8'-6" Sections With Headers	5,276.76	293.49
34 11 93 00-0019	EA	Molded Rubber Railroad Crossing, 24' Road 3' x 8'-6" Sections With Headers	5,907.61	342.41
34 11 93 00-0020		Railroad Trackage Demolition *(34 11 93)*		
34 11 93 00-0021	CY	Removal Of Railroad Track Ballast		11.05
34 11 93 00-0022	LF	Removal Of Railroad Track Rail And Spikes		27.61
34 11 93 00-0023	EA	Removal And Disposal Of Concrete Post Footings		159.61
34 11 93 00-0024	EA	Backfill Holes From Post Removal		66.52

34 40 Transportation Signaling and Control Equipment *(34)*

34 41 Roadway Signaling and Control Equipment *(34 40)*

34 41 13 Traffic Signals *(34 41)*

34 41 13 00-0001		Traffic Signals *(34 41 13)*		
34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern	8,076.34	773.35
34 41 13 00-0003		Traffic Detector Induction Loop *(34 41 13)*		
34 41 13 00-0004	EA	6' x 6', Type A, 3 Turns Per Loop, Traffic Detector Induction Loop	453.55	
		Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0005	EA	6' x 6', Type D, 3 Turns Per Loop, Traffic Detector Induction Loop	565.94	
		Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0006	EA	6' x 6', Type D, 5 Turns Per Loop, Traffic Detector Induction Loop	631.01	
		Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0007	EA	6' x 6', Type Q, 3 Turns Per Loop, Traffic Detector Induction Loop	554.25	
		Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0008	EA	6' x 20', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop	961.72	
		Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0009	EA	6' x 28', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop	1,190.54	
		Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0010	EA	6' x 28', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop	1,257.75	
		Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0011	EA	6' x 40', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop	1,596.72	
		Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0012	EA	6' x 40', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop	1,695.62	
		Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0013	EA	6' x 50', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop	1,831.95	
		Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0014	EA	6' x 50', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop	1,952.75	
		Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.		
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector	9.04	
		Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.		
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector	3.81	
		Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.		
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222)	281.54	
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100)	812.88	
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100)	501.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0020		**Overhead Traffic Signals** *(34 41 13)*		
34 41 13 00-0021	EA	Vehicle Signal Face, LED, 1 - 12" Section	565.79	164.33
34 41 13 00-0022	EA	Vehicle Signal Face, LED, 2 - 12" Sections	931.20	232.00
34 41 13 00-0023	EA	Vehicle Signal Face, LED, 3 - 12" Sections	1,318.38	283.56
34 41 13 00-0024	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Middle Section Blank	1,247.95	283.56
34 41 13 00-0025	EA	Vehicle Signal Face, LED, 4 - 12" Sections	1,688.03	315.78
34 41 13 00-0026	EA	Vehicle Signal Face, LED, 5 - 12" Sections	2,031.91	335.11
34 41 13 00-0027	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Cluster	2,168.07	335.11
34 41 13 00-0028	EA	Vehicle Signal Face, LED, 1 - 8" Section	530.57	164.33
34 41 13 00-0029	EA	Vehicle Signal Face, LED, 2 - 8" Sections	860.77	232.00
34 41 13 00-0030	EA	Vehicle Signal Face, LED, 3 - 8" Sections	1,147.00	283.56
34 41 13 00-0031	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 1 - 12" Section	1,233.87	283.56
34 41 13 00-0032	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 2 - 12" Sections	1,537.78	315.78
34 41 13 00-0033	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 1 - 12" Section	1,488.48	315.78
34 41 13 00-0034	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections	1,773.66	335.11
34 41 13 00-0035	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections In Cluster	1,884.00	335.11
34 41 13 00-0036	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Optically Programmed	2,773.96	283.56
34 41 13 00-0037	EA	Vehicle Signal Face, LED, 4 - 12" Sections, Optically Programmed	3,643.67	315.78
34 41 13 00-0038	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Optically Programmed	4,778.72	335.11
34 41 13 00-0039	EA	Vehicle Signal Face, LED, 5 - 12" Sections In Cluster, Optically Programmed	5,189.56	335.11
34 41 13 00-0040	EA	Bracket Signal Mounting Assembly	553.60	128.89
34 41 13 00-0041	EA	Mast Arm Signal Mounting Assembly	971.01	257.79
34 41 13 00-0042	EA	Top Pole Signal Mounting Assembly	338.89	96.67
34 41 13 00-0043	EA	Pedestrian Signal Head	1,020.55	193.33
34 41 13 00-0044	EA	Pedestrian Signal Insert	637.05	96.67
34 41 13 00-0045	EA	Audible Pedestrian Signal	1,422.11	
34 41 13 00-0046	EA	Junction Box, Pole Or Post Mounted	597.74	
34 41 13 00-0047	EA	Pedestrian Push Button	526.23	
34 41 13 00-0048	EA	Illuminated Sign, Bracket Mounted, Symbolic	4,395.88	
34 41 13 00-0049	EA	Illuminated Sign, Mast Arm Mounted, Symbolic	4,578.78	
34 41 13 00-0050	EA	Sign, Message, "BLANK OUT", Bracket Mounted	4,853.66	
34 41 13 00-0051	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	5,153.93	
34 41 13 00-0052	EA	Sign, Fiber Optic, Bracket Mounted	5,548.40	
34 41 13 00-0053	EA	Sign, Fiber Optic, Mast Arm Mounted	5,854.90	
34 41 13 00-0054	EA	16' Pedestal With Base Plate And Cover	1,827.72	175.41
34 41 13 00-0055	EA	30' Type 15TS Signal And Lighting Standard Note: 8" diameter base and 3-7/8" diameter top. 0.1793" wall thickness.	8,316.36	
34 41 13 00-0056	EA	35' Type 21TS Signal And Lighting Standard Note: 9-3/8" diameter base and 3-9/16" diameter top. 0.1793" wall thickness.	9,712.91	
34 41 13 00-0057	EA	17' Type 18-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.1793" wall thickness.	4,610.82	
34 41 13 00-0058	EA	17' Type 18-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.2391" wall thickness.	5,150.02	
34 41 13 00-0059	EA	17' Type 18-4-100 Or 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9" diameter top. 0.2391" wall thickness.	5,356.72	
34 41 13 00-0060	EA	17' Type 23-3-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	5,356.72	
34 41 13 00-0061	EA	17' Type 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	5,465.24	
34 41 13 00-0062	EA	17' Type 27-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	6,007.83	
34 41 13 00-0063	EA	17' Type 27-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	6,132.60	
34 41 13 00-0064	EA	17' Type 28-5-100 Signal And Lighting Standard Note: 14" diameter base and 11-11/16" diameter top. 0.3125" wall thickness.	6,388.44	
34 41 13 00-0065	EA	17' Type 60-5-100 Signal And Lighting Standard Note: 16" diameter base and 13-11/16" diameter top. 0.3125" wall thickness.	6,791.36	
34 41 13 00-0066	EA	18'-6" Type 16-2-100 Or 16-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-1/4" diameter top. 0.1793" wall thickness.	4,928.02	
34 41 13 00-0067	EA	30' Type 17-2-100 Or 17-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.1793" wall thickness.	8,882.53	
34 41 13 00-0068	EA	30' Type 19-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.2391" wall thickness.	10,014.86	
34 41 13 00-0069	EA	30' Type 19-3-100 Or 24-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-7/8" diameter top. 0.2391" wall thickness.	10,448.92	
34 41 13 00-0070	EA	30' Type 19-4-100 Or 24-4-100 Signal And Lighting Standard Note: 12" diameter base and 8" diameter top. 0.2391" wall thickness.	10,448.92	
34 41 13 00-0071	EA	30' Type 26-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 8" diameter top. 0.3125" wall thickness.	11,816.20	
34 41 13 00-0072	EA	30' Type 26-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 8" diameter top. 0.3125" wall thickness.	12,340.34	
34 41 13 00-0073	EA	30' Type 29-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-7/8" diameter top. 0.3125" wall thickness.	12,890.66	
34 41 13 00-0074	EA	30' Type 61-5-100 Signal And Lighting Standard Note: 16" diameter base and 11-7/8" diameter top. 0.3125" wall thickness.	13,757.45	
34 41 13 00-0075	EA	35' Type 17A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.1793" wall thickness.	10,331.20	
34 41 13 00-0076	EA	35' Type 19A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.2391" wall thickness.	11,652.25	
34 41 13 00-0077	EA	35' Type 19A-3-100 Or 24A-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-3/16" diameter top. 0.2391" wall thickness.	12,158.67	
34 41 13 00-0078	EA	35' Type 19A-4-100 Or 24A-4-100 Signal And Lighting Standard Note: 12" diameter base and 7-5/16" diameter top. 0.2391" wall thickness.	12,158.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0079	EA	35' Type 26A-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	13,753.82	
34 41 13 00-0080	EA	35' Type 26A-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	14,365.31	
34 41 13 00-0081	EA	35' Type 29A-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-3/16" diameter top. 0.3125" wall thickness.	15,007.36	
34 41 13 00-0082	EA	35' Type 61A-5-100 Signal And Lighting Standard Note: 16" diameter base and 11" diameter top. 0.3125" wall thickness.	16,018.59	
34 41 13 00-0083	EA	15' Steel Straight Mast Arm, MONOTUBE	3,261.85	
34 41 13 00-0084	EA	20' Steel Straight Mast Arm, MONOTUBE	3,421.84	
34 41 13 00-0085	EA	25' Steel Straight Mast Arm, MONOTUBE	3,674.43	
34 41 13 00-0086	EA	30' Steel Straight Mast Arm, MONOTUBE	5,036.26	
34 41 13 00-0087	EA	35' Steel Straight Mast Arm, MONOTUBE	6,097.51	
34 41 13 00-0088	EA	40' Steel Straight Mast Arm, MONOTUBE	6,556.29	
34 41 13 00-0089	EA	45' Steel Straight Mast Arm, MONOTUBE	7,195.44	
34 41 13 00-0090	EA	50' Steel Straight Mast Arm, MONOTUBE	8,170.35	
		For Curved Mast Arm, Add	*935.52*	
34 41 13 00-0091	EA	55' Steel Straight Mast Arm, MONOTUBE	9,275.58	
		For Curved Mast Arm, Add	*1,043.36*	
34 41 13 00-0092	EA	60' Steel Straight Mast Arm, MONOTUBE	9,967.99	
		For Curved Mast Arm, Add	*1,089.19*	
34 41 13 00-0093	EA	65' Steel Straight Mast Arm, MONOTUBE	11,576.87	
		For Curved Mast Arm, Add	*1,272.52*	
34 41 13 00-0094	EA	70' Steel Straight Mast Arm, MONOTUBE	15,160.72	
		For Curved Mast Arm, Add	*1,539.43*	
34 41 13 00-0095	EA	4' Steel Curved Luminaire Mast Arm	1,103.99	
34 41 13 00-0096	EA	6' Steel Curved Luminaire Mast Arm	1,440.02	
		For High Rise Arm, Add	*134.80*	
34 41 13 00-0097	EA	8' Steel Curved Luminaire Mast Arm	1,801.82	
34 41 13 00-0098	EA	10' Steel Curved Luminaire Mast Arm	2,427.88	
		For High Rise Arm, Add	*198.43*	
34 41 13 00-0099	EA	12' Steel Curved Luminaire Mast Arm	2,700.78	
		For High Rise Arm, Add	*234.02*	
34 41 13 00-0100	EA	15' Steel Curved Luminaire Mast Arm	2,844.86	
		For High Rise Arm, Add	*260.97*	
34 41 13 00-0101	EA	18' Steel Curved Luminaire Mast Arm	3,049.47	
		For High Rise Arm, Add	*286.32*	
34 41 13 00-0102	EA	20' Steel Curved Luminaire Mast Arm	3,252.89	
		For High Rise Arm, Add	*311.66*	
34 41 13 00-0103	EA	15' Tubular Aluminum Post	1,156.90	
34 41 13 00-0104	EA	17' Tubular Aluminum Post	1,227.41	
34 41 13 00-0105	EA	20' Tubular Aluminum Post	1,360.00	
34 41 13 00-0106	EA	14' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	4,071.62	
34 41 13 00-0107	EA	21' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	6,300.33	
34 41 13 00-0108	EA	22' High Galvanized Steel Traffic Signal Pole Note: For mast arm and luminare arm.	6,551.96	
34 41 13 00-0109	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For >55' Mast Arm Note: For mast arm and luminare arm.	8,877.35	
34 41 13 00-0110	EA	32' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm Note: For mast arm and luminare arm.	9,463.66	
34 41 13 00-0111	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm	7,320.79	
34 41 13 00-0112	EA	30' High Galvanized Steel Traffic Signal Pole, Octaflute	6,501.45	
34 41 13 00-0113	EA	30' (High Spun Aluminum Traffic Signal Pole, Tapered	5,262.18	
34 41 13 00-0114	EA	Type 26-6-70 Signal Pole With 55' SMA And 20' LMA	25,979.73	
34 41 13 00-0115	EA	Type 29-6-70 Signal Pole With 65' SMA And 20' LMA	29,930.25	
34 41 13 00-0116	EA	CUT-OFF POLE AND CAPPED	185.14	
34 41 13 00-0117	EA	PAINT EXISTING SL/TS CONTROLLER COMPLETE	56.14	
34 41 13 00-0118	EA	PAINT EXISTING TS POST COMPLETE	262.34	
34 41 13 00-0119	EA	1 Channel Loop Detector Amplifier	1,890.54	
34 41 13 00-0120	EA	4 Channel Loop Detector Amplifier	3,607.12	
34 41 13 00-0121	EA	FLASHING BEACON WITH DOWNLIGHT	2,534.98	
34 41 13 00-0122	EA	Flashing Beacon, Bracket Mounted	804.21	
34 41 13 00-0123	EA	Flashing Beacon, Mast Arm Mounted	804.21	
34 41 13 00-0124	EA	Flashing Beacon, Solar Powered, Bracket Mounted	23,371.02	
34 41 13 00-0125	EA	Wireless Access Point (Proxim Tsunami MP11 954-BSUR-US)	4,269.21	
34 41 13 00-0126	EA	Ruggedized Subscriber Unit (Proxim Tsunami MP11 954-SUA-US)	2,287.57	
34 41 13 00-0127	EA	Smart Sensor HD (Wavetronix HD125)	12,223.20	
34 41 13 00-0128	EA	Access Point (Sensys AP240-ES) Note: RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality.	5,646.39	
34 41 13 00-0129	EA	Sensys Access Point AP240-ESC-VER - RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality with Integrated 1xRTT cellular data modem for data relay via CDMA	9,775.48	
34 41 13 00-0130	EA	Mounting Kit for Access Points and Repeaters (KIT-MTG)	340.89	
34 41 13 00-0131	EA	Repeater (Sensys RP240-B-LL) Note: Nominal battery capacity of 171 Ah with seven (7) year battery-life.	2,586.40	
34 41 13 00-0132	EA	Wireless Flush Mounted Sensor (Sensys VSN240-F) Note: Excludes coring.	1,148.37	
34 41 13 00-0133	EA	Sensor Mounting Bracket, Cable, Lightning Surge Protector, Power Supply, Breaker, AC Surge Protector, Din Rail and Power Plug	2,864.09	
34 41 13 00-0134	EA	Pole Base Foundation for 17-2-80, 17-2-100, 19-2-80 Poles	7,827.77	1.68
34 41 13 00-0135	EA	Pole Base Foundation for 17-3-80, 19-3-80, 26-3-80 And 26-4-80 Poles	10,229.38	1.68
34 41 13 00-0136	EA	Pole Base Foundation for Type 15 and 21 Poles	6,118.55	1.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0137	EA	Pole Base Foundation for 18-4-100, 19-4-100, 23-4-100, And 24-4-100 Poles	7,827.77	1.68
34 41 13 00-0138	EA	Pole Base Foundation for 26-4-100 And 27-4-100 Poles	10,229.38	1.68
34 41 13 00-0139	EA	Service Equipment Enclosure, Type III-AF	1,480.95	
34 41 13 00-0140	EA	12", 3 Section Signal, Mast Arm Mounted	1,628.04	
34 41 13 00-0141	EA	8", 3 Section Signal, Mast Arm Mounted	1,450.98	
34 41 13 00-0142	EA	12" FCV Visor	104.08	
34 41 13 00-0143	EA	8" FCV Visor	72.78	
34 41 13 00-0144	EA	Eggcrate Visor	100.21	
34 41 13 00-0145	EA	Pedestrian H/M	1,104.84	
34 41 13 00-0146	EA	Pedestrian Audio	1,220.18	
34 41 13 00-0147	EA	Adjustable Pushbutton	290.12	
34 41 13 00-0148	EA	ADA Cap And Switch	376.29	
34 41 13 00-0149	EA	3 Section 12" Backplate	167.21	
34 41 13 00-0150	EA	3 Section 12" MAS Mount Backplate	246.16	
34 41 13 00-0151	EA	3 Section 8" Backplate	134.06	
34 41 13 00-0152	EA	12" Red LED Lenses	285.53	
34 41 13 00-0153	EA	12" Amber LED Lenses	307.07	
34 41 13 00-0154	EA	12" Green LED Lenses	543.42	
34 41 13 00-0155	EA	12" Red Arrow	283.79	
34 41 13 00-0156	EA	12" Amber Arrow	268.02	
34 41 13 00-0157	EA	12" Green Arrow	406.26	
34 41 13 00-0158	EA	8" Red	280.60	
34 41 13 00-0159	EA	8" Amber	268.95	
34 41 13 00-0160	EA	8" Green	326.45	
34 41 13 00-0161	EA	Hand/Man	494.83	
34 41 13 00-0162	EA	Frameworks, 8" TV-1-T	602.76	
34 41 13 00-0163	EA	Frameworks, 8" TV-2-T	686.46	
34 41 13 00-0164	EA	Frameworks, MAT MT	178.06	
34 41 13 00-0165	EA	Frameworks, MAS MT	194.80	
34 41 13 00-0166	EA	Frameworks, 3W PT TC	413.95	
34 41 13 00-0167	EA	Frameworks, 2W PT TC	390.83	
34 41 13 00-0168	EA	Frameworks, 2W SM TC	368.51	
34 41 13 00-0169	EA	Frameworks, SV-1	243.37	
34 41 13 00-0170	EA	Frameworks, TV-1	235.00	
34 41 13 00-0171	EA	Type III Service Pedestal	4,802.78	
34 41 13 00-0172	EA	Single Fuse Holder	43.72	
34 41 13 00-0173	EA	Double Fuse Holder	113.99	
34 41 13 00-0174	EA	Pullbox, 1-1/2" x 20" x 14"	99.79	
34 41 13 00-0175	EA	Pullbox, 5" x 28" x 18"	136.33	
34 41 13 00-0176	EA	Pullbox, 6" x 36" x 23"	177.97	
34 41 13 00-0177	EA	Pullbox Lids, FL9D	113.22	
34 41 13 00-0178	EA	Pullbox Lids, FL30D	213.02	
34 41 13 00-0179	EA	Pullbox Lids, FL36D	57.44	
34 41 13 00-0180	EA	LED Enhanced Pedestrian Crossing Symbol Sign Note: 2 required per system.	2,009.10	105.04
34 41 13 00-0181	EA	42" Height, 8-1/2" Diameter Automatic Bollard Activation System Note: 4 required per system.	5,742.77	630.23
34 41 13 00-0182	EA	Power Control Unit With Enclosure (Solar) Note: LightGuard Systems solar power equipment Includes: one solar array consisting of 1 Siemens SP70 solar power module (21" x 47" to be pole mounted, pole not included), #14 AWG solar tray cable, mounting hardware, one enclosure (16-1/2" width x 27-1/2" height x 15" depth), two 12V 80AH deep cycle gel cell batteries and a solar power control unit (PCU).	20,709.38	420.16
34 41 13 00-0183	EA	Power Control Unit With Enclosure (A/C)	13,239.10	420.16
34 41 13 00-0184	EA	Push Button Assembly With Sign	1,117.59	210.07
34 41 13 00-0185	EA	Advanced Warning Signs	2,264.48	210.07
34 41 13 00-0186	EA	Traffic Signal Controller Unit, TS 2 Type 1 (ASC/3-1000)	6,476.86	
34 41 13 00-0187	EA	Traffic Signal Controller Unit, TS 2 Type 2 (ASC/3-2100)	6,676.41	
34 41 13 00-0188	EA	Traffic Signal Controller Unit, TS 2 Type 2 Econolite Model ASC/2S-2100	61,178.27	
34 41 13 00-0189	EA	Traffic Signal Controller Unit, Replacement For Type 170E (ASC/3RM)	6,946.40	1,031.12
34 41 13 00-0190	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 1 Way	1,201.78	
34 41 13 00-0191	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 2 Way	1,319.17	
34 41 13 00-0192	EA	Optical Detector For Mast Arm Mounting, 2 Channel	1,704.19	
34 41 13 00-0193	EA	2 Channel Phase Selector	3,989.88	
34 41 13 00-0194	EA	4 Channel Phase Selector	6,208.45	
34 41 13 00-0195	EA	Malfunction Management Unit For Use With NEMA Controller	1,993.11	
34 41 13 00-0196	EA	Malfunction Management Unit For Use With Type 170E Or 2070 Controller	1,993.11	57.48
34 41 13 00-0197	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 1 Way	1,201.78	229.90
34 41 13 00-0198	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 2 Way	1,319.17	229.90
34 41 13 00-0199	EA	Optical Detector For Pole-Side Mounting, 2 Channel	1,704.19	229.90
34 41 13 00-0200	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 1 Way	1,201.78	229.90
34 41 13 00-0201	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 2 Way	1,319.17	229.90
34 41 13 00-0202	EA	Optical Detector For Pedestal Or Pipe Mounting, 2 Channel	1,704.19	229.90
34 41 13 00-0203	EA	Optical Detector For Span Wire Mounting, 1 Channel, 1 Way	1,201.78	229.90
34 41 13 00-0204	EA	Optical Detector For Span Wire Mounting, 1 Channel, 2 Way	1,319.17	229.90
34 41 13 00-0205	EA	Optical Detector For Span Wire Mounting, 2 Channel	1,704.19	229.90
34 41 13 00-0206	EA	Optical Detector For Signal Top Mounting, 1 Channel, 1 Way	1,201.78	229.90
34 41 13 00-0207	EA	Optical Detector For Signal Top Mounting, 1 Channel, 2 Way	1,319.17	229.90
34 41 13 00-0208	EA	Optical Detector For Signal Top Mounting, 2 Channel	1,704.19	229.90
34 41 13 00-0209	EA	Time Switch, 1-Circuit	247.49	
34 41 13 00-0210	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Normal	399.68	
34 41 13 00-0211	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Stretch/Delay	524.10	
34 41 13 00-0212	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Normal	747.14	
34 41 13 00-0213	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Stretch/Delay	939.65	
34 41 13 00-0214	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply	2,559.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0215	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply For Remote Detector Cabinet	2,559.56	
34 41 13 00-0216	EA	Power Line Surge Protector - Edco SHP 300-10	234.14	
34 41 13 00-0217	EA	Loop Detector Surge Protector - Edco SRA-6LC	117.84	
34 41 13 00-0218	EA	Controller Cabinet (Econolite Type "O")	34,945.10	
34 41 13 00-0219	EA	Controller Cabinet With 1 Detector Rack And 1 Load Switch Bay	15,043.65	
34 41 13 00-0220	EA	Controller Cabinet With 1 Detector Rack And 2 Load Switch Bays	16,381.83	
34 41 13 00-0221	EA	Controller Cabinet With 2 Detector Racks And 1 Load Switch Bay	17,990.01	
34 41 13 00-0222	EA	Controller Cabinet With 2 Detector Racks And 2 Load Switch Bays	18,483.03	
34 41 13 00-0223	EA	Speed Limit Beacon Control Cabinet	7,415.94	
34 41 13 00-0224	EA	Speed Limit Beacon Control Option	6,642.60	386.67
34 41 13 00-0225	EA	Remote Detector Cabinet	3,777.01	
34 41 13 00-0226	EA	Traffic Signal Hand Control	1,079.49	
34 41 13 00-0227	EA	Extra Pedestrian Detector Isolation Assembly	844.71	
34 41 13 00-0228	EA	Fiber Optic Transceivers-Repeater Module	1,242.00	
34 41 13 00-0229	EA	Field Transceiver-Repeater	625.41	
34 41 13 00-0230	EA	Load Switch	108.80	
34 41 13 00-0231	EA	30" Pedestal With Base Plate And Cover	948.06	
34 41 13 00-0232	EA	8' Pedestal With Base Plate And Cover	1,400.04	
34 41 13 00-0233	EA	11' Pedestal With Base Plate And Cover	1,558.77	
34 41 13 00-0234	EA	15' Pedestal With Base Plate And Cover	1,729.90	
34 41 13 00-0235	LF	6-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.64	
34 41 13 00-0236	LF	12-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.76	
34 41 13 00-0237	LF	24-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.12	
34 41 13 00-0238	LF	36-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.50	
34 41 13 00-0239	LF	48-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.88	
34 41 13 00-0240	LF	72-Fiber Interconnect Cable, Fiber Optic, Single Mode	3.57	
34 41 13 00-0241	LF	96-Fiber Interconnect Cable, Fiber Optic, Single Mode	4.23	
34 41 13 00-0242	LF	144-Fiber Interconnect Cable, Fiber Optic, Single Mode	5.53	
34 41 13 00-0243	LF	3/16" Diameter Messenger Cable	0.73	0.11
34 41 13 00-0244	LF	1/4" Diameter Messenger Cable	0.89	0.11
34 41 13 00-0245	LF	3/8" Diameter Messenger Cable	1.66	0.11
34 41 13 00-0246	LF	1/2" Diameter Messenger Cable	3.44	0.23
34 41 13 00-0247	EA	4' Diameter x 10' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	3,056.09	
34 41 13 00-0248	EA	4' Diameter x 16' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	4,834.41	
34 41 13 00-0249	EA	Single Strand Termination For Fiber Optics	3.79	
34 41 13 00-0250	EA	Internally Illuminated Street Name Sign, 1 Line, 4'	2,957.17	257.79
34 41 13 00-0251	EA	Internally Illuminated Street Name Sign, 1 Line, 6'	3,649.51	322.23
34 41 13 00-0252	EA	Internally Illuminated Street Name Sign, 1 Line, 8'	3,966.22	386.67
34 41 13 00-0253	EA	Internally Illuminated Street Name Sign, 1 Line, 10'	4,470.74	451.12
34 41 13 00-0254	EA	Internally Illuminated Street Name Sign, 1 Line, 12'	4,787.44	515.56
34 41 13 00-0255	EA	Internally Illuminated Street Name Sign, 2 Line, 4'	4,732.03	257.79
34 41 13 00-0256	EA	Internally Illuminated Street Name Sign, 2 Line, 6'	5,828.17	322.23
34 41 13 00-0257	EA	Internally Illuminated Street Name Sign, 2 Line, 8'	6,276.36	386.67
34 41 13 00-0258	EA	Internally Illuminated Street Name Sign, 2 Line, 10'	7,006.26	451.12
34 41 13 00-0259	EA	Internally Illuminated Street Name Sign, 2 Line, 12'	7,510.77	515.56
34 41 13 00-0260	EA	Photoelectric Controller, Multi-Volt	95.00	29.88
34 41 13 00-0261	EA	Photoelectric Controller, 120 Volt	98.51	29.88
34 41 13 00-0262	EA	Photoelectric Controller, 480 Volt	98.51	29.88
34 41 13 00-0263	EA	Wi-Fi Communication Unit	1,546.68	128.89
34 41 13 00-0264	EA	Wi-Fi Communication Unit Mounting Bracket	310.71	96.67
34 41 13 00-0265	EA	Wi-Fi Communication Unit Power Supply / POE Injector	290.88	64.44
34 41 13 00-0266	EA	Wi-Fi Communication Unit Packet	2,148.27	193.33
34 41 13 00-0267	EA	Ethernet Switch	6,136.28	52.52
34 41 13 00-0268	LF	Preemptor Detector Cable	1.67	
34 41 13 00-0269	EA	Fiber Optic Connector, Off-White Boot Or White Band	71.24	
34 41 13 00-0270	EA	Fiber Optic Connector, Red Boot Or Yellow Band	71.24	
34 41 13 00-0271	EA	Fiber Optic Splice Closure, Underground, 48-Splice	385.79	
34 41 13 00-0272	EA	Fiber Optic Splice Closure, Underground, 96-Splice	645.12	
34 41 13 00-0273	EA	Fiber Optic Splice Closure, Underground, 144-Splice	904.46	
34 41 13 00-0274	EA	Fiber Optic Splice Closure, Aerial, 48-Splice	446.92	96.67
34 41 13 00-0275	EA	Fiber Optic Splice Closure, Aerial, 96-Splice	706.96	99.89
34 41 13 00-0276	EA	Fiber Optic Splice Closure, Aerial, 144-Splice	966.99	103.11
34 41 13 00-0277	EA	Sno-Shoe Cable Storage Assembly	272.98	

34 41 13 00-0278 Traffic Signal Cable *(34 41 13)*

34 41 13 00-0279	LF	16 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.21	0.89
34 41 13 00-0280	LF	16 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.55	0.95
34 41 13 00-0281	LF	16 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.84	1.03
34 41 13 00-0282	LF	16 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.13	1.09
34 41 13 00-0283	LF	16 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.49	1.15
34 41 13 00-0284	LF	16 AWG, 8-Conductor, Solid, Traffic Signal Cable	4.12	1.28
34 41 13 00-0285	LF	16 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.88	1.47
34 41 13 00-0286	LF	16 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.63	1.66
34 41 13 00-0287	LF	16 AWG, 16-Conductor, Solid, Traffic Signal Cable	6.78	1.86
34 41 13 00-0288	LF	16 AWG, 20-Conductor, Solid, Traffic Signal Cable	8.20	2.04
34 41 13 00-0289	LF	14 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.32	0.89
34 41 13 00-0290	LF	14 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.70	0.95
34 41 13 00-0291	LF	14 AWG, 4-Conductor, Solid, Traffic Signal Cable	3.04	1.03
34 41 13 00-0292	LF	14 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.37	1.09
34 41 13 00-0293	LF	14 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.79	1.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0294	LF	14 AWG, 8-Conductor, Solid, Traffic Signal Cable	4.51	1.28
34 41 13 00-0295	LF	14 AWG, 10-Conductor, Solid, Traffic Signal Cable	5.36	1.47
34 41 13 00-0296	LF	14 AWG, 12-Conductor, Solid, Traffic Signal Cable	6.21	1.66
34 41 13 00-0297	LF	14 AWG, 16-Conductor, Solid, Traffic Signal Cable	7.55	1.86
34 41 13 00-0298	LF	14 AWG, 20-Conductor, Solid, Traffic Signal Cable	9.22	2.04
34 41 13 00-0299	LF	12 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.58	0.89
34 41 13 00-0300	LF	12 AWG, 3-Conductor, Solid, Traffic Signal Cable	3.08	0.95
34 41 13 00-0301	LF	12 AWG, 4-Conductor, Solid, Traffic Signal Cable	3.52	1.03
34 41 13 00-0302	LF	12 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.94	1.09
34 41 13 00-0303	LF	12 AWG, 6-Conductor, Solid, Traffic Signal Cable	4.51	1.15
34 41 13 00-0304	LF	12 AWG, 8-Conductor, Solid, Traffic Signal Cable	5.45	1.28
34 41 13 00-0305	LF	12 AWG, 10-Conductor, Solid, Traffic Signal Cable	6.52	1.47
34 41 13 00-0306	LF	12 AWG, 12-Conductor, Solid, Traffic Signal Cable	7.59	1.66
34 41 13 00-0307	LF	12 AWG, 16-Conductor, Solid, Traffic Signal Cable	9.40	1.86
34 41 13 00-0308	LF	12 AWG, 20-Conductor, Solid, Traffic Signal Cable	11.69	2.04

34 41 13 00-0309 School Zone Flasher Beacons *(34 41 13)*

34 41 13 00-0310	EA	One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	6,189.70	193.81
34 41 13 00-0311	EA	One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	6,234.30	193.81
34 41 13 00-0312	EA	Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,991.51	193.81
34 41 13 00-0313	EA	Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	7,134.24	193.81
34 41 13 00-0314	EA	10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.	13,162.02	193.81
34 41 13 00-0315	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	13,721.35	193.81

34 41 13 00-0316 Traffic Light Control Synchronization *(34 41 13)*

34 41 13 00-0317	EA	ENCOM COMPAK IP Radio/Wireless Ethernet Transceiver, 900 MHz FHSS 1 Watt output power and 128-bit data encryption with 1.1Mbps Throughput	5,358.53	
34 41 13 00-0318	EA	ENCOM 5200R 900 MHz Serial Radio Modem, contains one Serial (RS-232 or RS-485) interface and 170/TS1/TS2 detector rack (EPR-5200R)	3,979.68	
34 41 13 00-0319	EA	ENCOM Dual 2.4/2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24/24)	8,998.65	
34 41 13 00-0320	EA	5.8 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB58INT)	6,200.01	
34 41 13 00-0321	EA	2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24INT)	6,200.01	
34 41 13 00-0322	EA	Solar Cabinet Assembly	16,540.57	
34 41 13 00-0323	EA	Data Controller Interface Cable Assembly	641.01	
34 41 13 00-0324	EA	900 MHZ Splitter	783.80	
34 41 13 00-0325	EA	900 MHz Surge Suppressor	284.50	
34 41 13 00-0326	EA	Surge-Radio Lead in Cable	179.14	
34 41 13 00-0327	EA	12DB GAIN YAGI Antenna	781.76	
34 41 13 00-0328	EA	PELCO Antenna Mounting Bracket	509.65	
34 41 13 00-0329	MLF	Coaxial Cable, LMR-400	4,333.76	
34 41 13 00-0330	EA	Perle 16 Port Serial Server	4,309.46	
34 41 13 00-0331	EA	Serial to Ethernet Card	2,372.82	
34 41 13 00-0332	EA	404 Stand-Alone Modem (GDI 404)	2,189.23	

34 41 13 00-0333 Traffic Signal Controls *(34 41 13)*

34 41 13 00-0334	EA	Master Card for Type 2070 or NEMA TS2 traffic controllers (CC-TS2)	1,857.41	
34 41 13 00-0335	EA	Extension Card for Type 2070 or NEMA traffic controllers (EX-TS2)	800.68	
34 41 13 00-0336	EA	Access Box for contract closure master card (CC-ACC)	280.63	
34 41 13 00-0337	EA	Flush Mount Wireless Sensor (ATT VSN240-F)	1,077.85	
34 41 13 00-0338	EA	Flush Mount Wireless Sensor (Speed And Count VSN240-F)	1,077.85	
34 41 13 00-0339	EA	Epoxy Tube for Installation of Wireless Sensor (VSN240-EPX)	165.55	
34 41 13 00-0340	EA	SNAPS License for each enabled AP (SNAPS-PER-AP)	459.88	

34 41 13 00-0341 Traffic Signal Devices *(34 41 13)*

34 41 13 00-0342	EA	12" Polycarbonate Signal Head Housing (McCain)	992.63	94.53
34 41 13 00-0343	EA	16" Polycarbonate Pedestrian Signal Housing (McCain)	498.61	73.53
34 41 13 00-0344	EA	Pedestrian Push Button Cap And Switch (McCain M31334)	353.46	136.55
34 41 13 00-0345	EA	Pedestrian Push Button Frame Assembly 4" Diameter Pole (McCain M19712)	479.50	199.57
34 41 13 00-0346	EA	Pedestrian Push Button Frame Assembly 2" Diameter Pole (McCain M30793)	367.35	157.55
34 41 13 00-0347	EA	16 Channel Conflict Monitor (McCain 2010 ECLip)	1,512.65	68.27
34 41 13 00-0348	EA	LED Countdown Head (McCain GTX PS7-CFF1-VLA)	307.65	26.26
34 41 13 00-0349	EA	Traffic signal Video Detection Camera (Iteris RZ4-awdr)	3,435.29	115.54
34 41 13 00-0350	EA	Camera processor card (Iteris Edge Connect)	7,869.50	168.07
34 41 13 00-0351	EA	Wireless Broadband Radio (Encom BB58)	7,431.65	157.55
34 41 13 00-0352	EA	24-port Gigabit and 4-port 1G/10G SFP+ Ethernet Switch (Etherwan EX77900)	4,902.69	126.05
34 41 13 00-0353	EA	Power Adapter (Mean Well DR-120-48)	162.37	39.39
34 41 13 00-0354	LF	14/1 Cal Trans Type 2 Inductive Traffic Detection Loops (Advanced Digital Cable 8452)	0.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0355	EA	Radar Detection System (Wavetronix Matrix)	14,140.73	399.14
34 41 13 00-0356	EA	Pedestrian Audio Push Button (Polara APS)	400.02	99.79
34 41 13 00-0357	EA	Opticom Infrared System - Detector (GTT 711)	1,083.36	93.70
34 41 13 00-0358	EA	Opticom Infrared System - Detector (GTT 721)	1,212.09	104.83
34 41 13 00-0359	EA	Opticom Infrared System - Detector (GTT 722)	1,688.19	146.01
34 41 13 00-0360	EA	Opticom Multimode Phase Selector (GTT 764)	5,699.36	86.43
34 41 13 00-0361	LF	Opticom GPS Installation Cable (GTT 1070)	1.10	
34 41 13 00-0362	EA	Precast Concrete Traffic Pull Box, 5-T, with steel frame and diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1324)	941.52	
34 41 13 00-0363	EA	Precast Concrete Traffic Pull Box, 6-T, with steel frame and diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1730)	998.74	
34 41 13 00-0364	EA	UPS Module (Alpha Technologies FXM 350) Note: For battery backup in traffic signal control cabinet	1,537.13	57.48
34 41 13 00-0365	EA	Web Connected Relay Switch (Control by Web X-301 WebRelay-Dual) Note: To control flashing "School" signs	476.12	47.27
34 41 13 00-0366	LF	Fiber optic cable, 72 strand, single mode, riser non-plenum jacket (Optical Cable Corp DX072DSLX9KR)	10.84	0.48
34 41 13 00-0367	LF	Fiber optic cable, 12 strand, multi mode, riser non-plenum jacket (Superior Essex W30126G01 MM Fiber)	2.56	0.41
34 41 13 00-0368	EA	12" LED Signal Module, Tinted Lens, Red (GE DR6-RTFB-VLA)	135.03	47.27
34 41 13 00-0369	EA	12" LED Signal Module, Tinted Lens, Yellow (GE DR6-YTFB-VLA)	135.03	47.27
34 41 13 00-0370	EA	12" LED Signal Module, Tinted Lens, Green (GE DR6-GTFB-VLA)	135.03	47.27
34 41 13 00-0371	EA	12" LED Signal Module, Clear Lens, Red (GE DR6-RCFB-VLA)	135.03	47.27
34 41 13 00-0372	EA	12" LED Signal Module, Clear Lens, Yellow (GE DR6-YCFB-VLA)	135.03	47.27
34 41 13 00-0373	EA	12" LED Signal Module, Clear Lens, Green (GE DR6-GCFB-VLA)	135.03	47.27
34 41 13 00-0374	EA	LED Countdown Pedestrian Signal, 16" x 18" (GE PS7-CFF1-VLA)	402.56	120.80
34 41 13 00-0375	EA	EOC Switch (Actellis ML688)	5,578.77	373.61
34 41 13 00-0376	EA	Ethernet Extender Kit (ENABLE-IT 860 Pro)	1,506.68	86.21
34 41 13 00-0377	EA	#5 pull box lid (Concrete, Bolt down) (Christy N30T)	118.36	23.48
34 41 13 00-0378	EA	#5 pull box lid (Steel, Bolt down) (Christy N30-61J)	433.33	33.99
34 41 13 00-0379	EA	#6 pull box lid (Concrete, Bolt down) (Christy N36T)	148.32	23.48
34 41 13 00-0380	EA	#6 pull box lid (Steel, Bolt down) (Christy N36-61J)	526.05	33.99
34 41 13 00-0381	EA	Battery Back-up (Alpha FXM110 UPS)	3,647.26	114.95
34 41 13 00-0382	EA	Battery (Alpha AlphaCell 220GXL)	513.12	28.74
34 41 13 00-0383	EA	BBS Cabinet (Alpha SE48-1616)	4,162.47	258.64
34 41 13 00-0384	LF	Fiber 72 Strands (Corning 072ZU4-T3F22D20)	5.86	2.24
34 41 13 00-0385	LF	Fiber 12 Strands (Corning 012ZU4-T3F22D20)	2.57	1.03
34 41 13 00-0386	EA	FDU And Splice Cassette with LC connector type (Corning CCH-01U, CCH-CS12-B3-P00RE)	1,291.67	86.21
34 41 13 00-0387	EA	12" THREE SECTION HOUSING (McCain M22435)	889.55	57.48
34 41 13 00-0388	EA	12" FOUR SECTION HOUSING (McCain M30883)	1,140.68	86.21
34 41 13 00-0389	EA	12" FIVE SECTION HOUSING (McCain M31769)	1,334.33	86.21
34 41 13 00-0390	EA	12" CLUSTER, WITHOUT MAS (McCain M30987)	1,431.15	86.21
34 41 13 00-0391	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	889.55	57.48
34 41 13 00-0392	EA	NAVIGATOR iN2 APS 2 WIRE PPB #iN250N0-B (Polara iN250N0-B)	889.55	57.48
34 41 13 00-0393	EA	NAVIGATOR iN2 CONTROLLER RACK MOUNT iCCU-C (Polara iCCU-C)	5,243.59	201.17
34 41 13 00-0394	EA	NAVIGATOR iN2 INTERCONNECT BOARD iN2-ICB-C (Polara iN2-ICB-C)	251.13	28.74
34 41 13 00-0395	EA	NAVIGATOR iN2 POWER SUPPLY iN2-150-WPS-C (Polara iN2-150-WPS-C)	251.13	28.74
34 41 13 00-0396	EA	NAVIGATOR iN2 CONNECTOR iN2-C4CABLE-C (Polara iN2-c4cable-C)	570.33	43.11
34 41 13 00-0397	EA	12" Visor (McCain M19302)	42.35	11.50
34 41 13 00-0398	EA	LS,2202-HV (iPack), HDSP/FLASHER UNIT,ATC (McCain M36256)	473.51	43.11
34 41 13 00-0399	EA	SIU,2218 SERIAL INTERFACE UNIT,ATC (McCain M36258)	792.73	57.48
34 41 13 00-0400	EA	CMU,2212-HV (ip),32 CH W/ ETHERNET PORT, ATC (McCain M36259)	1,479.57	86.21
34 41 13 00-0401	EA	ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26 (McCain M54487)	792.73	57.48
34 41 13 00-0402	EA	HARN, SB1/SB2,COMM EXTENSION (McCain M48062)	154.30	28.74
34 41 13 00-0403	EA	ATCC-HV/LV, FITA ASSEMBLY, 24CH (McCain M54489)	473.51	43.11
34 41 13 00-0404	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	889.55	57.48
34 41 13 00-0405	EA	242L ISOLATOR, EDI (McCain M56812)	154.30	28.74
34 41 13 00-0406	EA	EDI 222 DETECTOR (McCain M11407)	202.72	28.74
34 41 13 00-0407	EA	ALPHA BBS, INVERTER AND BYPASS SWITCH (McCain M59763)	3,579.43	143.69
34 41 13 00-0408	EA	GENERATOR SWITCH AND PLUG ASS'Y FOR ALPHA BBS (McCain M68752-2)	579.71	57.48
34 41 13 00-0409	EA	BBS BATTERY, ALPHACELL 165GXL (McCain M59884)	792.73	57.48
34 41 13 00-0410	EA	Battery Backup Cabinet Anondize 44x26x12 (McCain M64438A)	1,673.22	86.21

34 41 16 Traffic Control Equipment *(34 41)*

34 41 16 00-0001 Transportation Control Equipment *(34 41 16)*

34 41 16 00-0002	EA	CONTROLLER/SL/POLE MTD/1-PHASE/100A	11,576.00	890.89
34 41 16 00-0003	EA	CONTROLLER/SL/ON EMB POLE 1-PH/100A	11,678.63	942.19
34 41 16 00-0004	EA	CONTROLLER, SL, 3-PHASE, 100A, BASE MTD	14,351.52	953.28
34 41 16 00-0005	EA	CONTROLLER, SL, 3-PHASE, 200A, BASE MTD	17,045.92	1,157.43
34 41 16 00-0006	EA	CONTROLLER/SL/BASE MTD/1-PHASE/100A	14,244.65	570.99
34 41 16 00-0007	EA	CONTROLLER/SL/BASE MTD/1-PHASE/200A	15,797.99	625.12
34 41 16 00-0008	EA	CONTROLLER, TS, 12-BAY, "M" CABINET	26,050.07	982.79
34 41 16 00-0009	EA	CONTROLLER, TS, 12-BAY, "P" CABINET	27,700.62	1,089.13
34 41 16 00-0010	EA	CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER	39,833.80	1,224.46
34 41 16 00-0011	EA	CONTROLLER, TS, 16-BAY, "P" CABINET	31,437.10	1,160.01
34 41 16 00-0012	EA	CONTROLLER, PEDESTRIAN CROSSING, ADD-IN	865.49	136.24
34 41 16 00-0013	EA	CONCRETE BLOCK PEDESTAL	783.58	204.55
34 41 16 00-0014	WK	MAINTAIN EXIST TS INSTALLATION	319.33	159.66
34 41 16 00-0015	EA	INST SIGN BOARDS, ST. NAME	581.23	269.77
34 41 16 00-0016	EA	F.O. ADD-IN FOR LOCAL CONTROLLER	13,299.53	359.54
34 41 16 00-0017	EA	F.O. ADD-IN FOR MASTER CONTROLLER	32,352.75	539.48
34 41 16 00-0018	EA	PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH)	1,102.68	14.98
34 41 16 00-0019	EA	Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU)	624.57	14.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0020		**Transportation Cabinets** *(34 41 16)*		
34 41 16 00-0021		**Transportation Cabinets (Dudlik Enclosures)** *(34 41 16 00-0020)*		
34 41 16 00-0022	EA	50" x 30" x 17", Aluminum CCTV Cabinet (Dudlik Enclosures)	2,854.99	172.43
34 41 16 00-0023	EA	66" x 48" x 30", Quad Door, 19" Racks, Aluminum CCTV Cabinet (Dudlik Enclosures)	12,368.14	172.43
34 41 16 00-0024	EA	46" x 30" x 20", 19" Rack, Aluminum TTS Cabinet (Dudlik Enclosures)	2,665.15	172.43
34 41 16 00-0025	EA	50" x 30" x 17", Aluminum ITS Controller Cabinet (Dudlik Enclosures)	2,854.99	172.43
34 41 16 00-0026	EA	60" x 50" x 36", Quad Door, 19" Racks, Aluminum Fiber Cross Connect Cabinet (Dudlik Enclosures)	12,790.01	172.43
34 41 16 00-0027	EA	55" x 16" x 17", Aluminum ITS Meter Cabinet (Dudlik Enclosures)	1,821.41	172.43
34 41 16 00-0028		**Transportation Cabinets (APX Enclosures)** *(34 41 16 00-0020)*		
34 41 16 00-0029	EA	28" Wide, 16" Depth, 46" High, ITS Controller Cabinet (APX Enclosure LS503017) Note: 3R, single door, pad mounted aluminum enclosure. Includes natural finish, aluminum back panel, light kit with door switch, thermostatically controlled fan kit, heater kit with thermostat, one aluminum moveable shelf, and one aluminum moveable shelf with slide out drawer. Excludes pad.	7,034.36	201.17
34 41 16 00-0030		**Transportation Cabinets (Transportation Control Systems)** *(34 41 16 00-0020)*		
34 41 16 00-0031	EA	30" Wide, 16" Depth, 48" High, Type 4, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B483016B2D2S)	2,689.41	172.43
34 41 16 00-0032	EA	30" Wide, 16" Depth, 60" High, Type 4 Stretch, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B603016B2D2S)	3,363.67	183.92
34 41 16 00-0033		**Transportation Cabinets (McCain)** *(34 41 16 00-0020)*		
34 41 16 00-0034	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 352i) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	12,883.64	201.17
34 41 16 00-0035	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 332) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	12,883.64	201.17
34 41 16 00-0036	EA	ATC ColdFire Controller (McCain 170)	6,560.03	
34 41 16 00-0037		**Traffic Control Equipment** *(34 41 16)*		
34 41 16 00-0038	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes Without Display (Morningstar PS-15)	312.07	57.48
34 41 16 00-0039	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes With Display (Morningstar PS-15M)	418.87	57.48
34 41 16 00-0040	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes With Display (Morningstar PS-30M)	486.71	57.48
34 41 16 00-0041	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes Without Display (Morningstar PS-30)	371.37	57.48
34 41 16 00-0042	MLF	10 AWG, 2 Conductor, 600V, Type TC, Non-Shielded Control Tray Cable (EnerSys A51002R)	2,895.62	630.23
34 41 16 00-0043	EA	Vehicle Detector, Circuit Breaker, 0.2 Amperes, Wavetronix SmartSensor (Wavetronix WX-CLK-210-02)	122.61	28.74
34 41 16 00-0044	EA	Vehicle Detector, 2.4 GHz 12 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0141)	585.09	64.60
34 41 16 00-0045	EA	Detection System, Vehicle, Two Sensor Preassembled Backplate, with AC Power (Wavetronix WX-SSB01-0003)	3,122.92	193.81
34 41 16 00-0046	EA	Vehicle Detector, Power Supply, 24 Volt DC, 4 Amperes (Wavetronix WX-CLK-204)	567.64	28.74
34 41 16 00-0047	EA	Vehicle Detector, 4-Channel Contact Matrix Closure, Rack Card (Wavetronix WX-CLK-114)	817.29	28.74
34 41 16 00-0048	EA	4 Channel Din-Rail Contact Closure Module (Wavetronix WX-CLK-104)	929.03	57.48
34 41 16 00-0049	EA	Detection System, Vehicle, Four Sensor Preassembled Backplate, With AC Power, Wavetronix SmartSensor (Wavetronix WX-SS-B01-0005)	4,152.78	57.48
34 41 16 00-0050	EA	50' Wavetronix Wiring Whip (Wavetronix WX-SS-708-060)	387.62	193.81
34 41 16 00-0051	EA	60', 6-Conductor Power And Communication Cable With Connector (Wavetronix WX-SS-704-060)	585.36	48.46
34 41 16 00-0052	EA	900 MHz 5 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0119)	498.26	64.60
34 41 16 00-0053	EA	900 MHz 9 dBi Yagi Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0120)	302.88	64.60
34 41 16 00-0054	EA	Wavetronix Click 201 AC To DC Power Converter (Wavetronix WX-CLK-201)	350.55	28.74
34 41 16 00-0055	EA	24 Volt DC 2 Amperes, Wavetronix SmartSensor (Wavetronix WX-CLK-202)	426.53	28.74
34 41 16 00-0056	EA	Coax Surge N-Type, Wavetronix SmartSensor (Wavetronix WX-CLK-250)	187.73	28.74
34 41 16 00-0057	EA	Power, RS232/RS485 Surge, Wavetronix SmartSensor (Wavetronix WX-CLK-200)	578.49	28.74
34 41 16 00-0058	EA	Two Sensor Surge, Wavetronix SmartSensor (Wavetronix WX-CLK-222)	654.47	28.74
34 41 16 00-0059	EA	RS232 to RS485 Converter, Wavetronix SmartSensor (Wavetronix WX-CLK-304)	817.29	28.74
34 41 16 00-0060	EA	Wavetronix Click 301 Serial To Ethernet Converter (Wavetronix CLK-301)	57.48	28.74
34 41 16 00-0061	EA	Sensor Mount, Heavy-Duty, 6 inch, 2 Axis Aluminum Bracket (Wavetronix WX-SS-611)	509.11	64.60
34 41 16 00-0062	MLF	LF, UV Resistant Polyethylene Jacketed Cable (Times Microwave Systems LMR-400)	3,438.34	630.23
34 41 16 00-0063	EA	N-Male (Plug) Clamp Connector (Times Microwave Systems TC-400-NMC)	58.37	17.24
34 41 16 00-0064	EA	Spectra IV SE Back Box, Heavy-Duty, Pendant Mount (Pelco BB4HD-PG-E)	1,054.72	68.97
34 41 16 00-0065	EA	Spectra III Clear Pendant Lower Dome, Heavy-Duty (Pelco ld53hdpb-1)	1,016.79	86.21
34 41 16 00-0066	EA	24" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2000)	213.47	28.74
34 41 16 00-0067	EA	10" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2010)	154.23	28.74
34 41 16 00-0068	EA	24 Volt AC, Remote Data Port (Pelco IPS-RDPE-2)	551.68	28.74
34 41 16 00-0069	EA	Spectra IV Remote Monitor Interface Cable (Pelco IPS-CABLE)	222.36	28.74
34 41 16 00-0070	EA	120 Volt AC, 12.5 Watt, 12 Volt DC, 600 mA, External Plug In Power Supply (Triad Magnetics WDU12-600)	82.18	28.74
34 41 16 00-0071	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-0009) Note: Input/Output for sign peripherals.	766.21	57.48
34 41 16 00-0072	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-4009) Note: Input/Output for sign peripherals.	766.21	57.48
34 41 16 00-0073	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0005) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,471.75	57.48
34 41 16 00-0074	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0011) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,471.75	57.48
34 41 16 00-0075	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0019) Note: Measures temperature and detects light and reports to CAN Distribution Board.	484.00	57.48
34 41 16 00-0076	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0015) Note: Measures temperature and detects light and humidity and reports to CAN Distribution board.	701.09	57.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0077	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0021) Note: Measures temperature and detects light and humidity and reports to CAN Distribution board.	701.09	57.48
34 41 16 00-0078	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0003) Note: Measures temperature and detects light and reports to CAN Distribution board.	570.83	57.48
34 41 16 00-0079	EA	Controller, VFC-3000 Field Controller NTCIPv1 (Daktronics 0A-1248-0016) Note: The "brains" of the sign. Receives information from NTCIP central software and reports status and diagnostic information.	10,228.76	229.90
34 41 16 00-0080	EA	DC/DC, Direct Current to Direct Current Converter (Daktronics 0P-1247-0025) Note: Takes 24 Volt DC input from two power supplies and outputs 9 Volt DC for CAN Distribution Board, providing power redundancy.	426.53	28.74
34 41 16 00-0081	EA	Driver (Daktronics 0P-1100-0026) Note: Driver takes data packets from Control Area Network to determine what pixels (LED clusters) are ON and which are OFF.	808.35	45.98
34 41 16 00-0082	EA	External Temp Sensor (Daktronics 0P-1100-0014) Note: Sensor that measures ambient temperature.	710.66	45.98
34 41 16 00-0083	EA	Internal Temp Sensor (Daktronics 0P-1100-0038) Note: Sensor that measures sign internal temperature.	797.49	45.98
34 41 16 00-0084	EA	Light Level Detector (Daktronics 0P-1151-0002) Note: The values from the light sensors are used by the sign controller to determine the appropriate sign brightness.	471.86	45.98
34 41 16 00-0085	EA	Module (Daktronics 0A-1253-0608) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,471.75	57.48
34 41 16 00-0086	EA	Module (Daktronics 0A-1253-3018) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,851.65	57.48
34 41 16 00-0087	EA	Module (Daktronics 0A-1266-5002) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,634.56	57.48
34 41 16 00-0088	EA	Module (Daktronics 0A-1332-6252) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	2,285.83	57.48
34 41 16 00-0089	EA	Module (Daktronics 0A-1332-6455) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,851.65	57.48
34 41 16 00-0090	EA	Module (Daktronics 0A-1332-6654) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,851.65	57.48
34 41 16 00-0091	EA	Module (Daktronics 0P-1332-3015) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	983.30	57.48
34 41 16 00-0092	EA	Module (Daktronics 0P-1332-4116) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	983.30	57.48
34 41 16 00-0093	EA	Module (Daktronics 0P-1332-5031) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	983.30	57.48
34 41 16 00-0094	EA	Module (Daktronics 0P-1332-5017) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	983.30	57.48
34 41 16 00-0095	EA	Module Without Pan (Daktronics 0A-1253-0603) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,471.75	57.48
34 41 16 00-0096	EA	Module Without Pan (Daktronics 0A-1253-1605) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,471.75	57.48
34 41 16 00-0097	EA	Module Without Pan (Daktronics 0A-1254-1601) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,471.75	57.48
34 41 16 00-0098	EA	Pixel Strip (Daktronics 0P-1100-0016) Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	494.85	57.48
34 41 16 00-0099	EA	Pixel Strip (Daktronics 0P-1100-0029) Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	581.69	57.48
34 41 16 00-0100	EA	Power Supply (Daktronics A-1593) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,743.11	57.48
34 41 16 00-0101	EA	Power Supply (Daktronics A-1648) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,743.11	57.48
34 41 16 00-0102	EA	Power Supply (Daktronics A-2307) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	657.67	57.48
34 41 16 00-0103	EA	Surge Suppressor (Daktronics A-1129) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	264.35	34.49
34 41 16 00-0104	EA	Surge Suppressor (Daktronics A-1412) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	557.42	34.49
34 41 16 00-0105	EA	Surge Suppressor (Daktronics A-1772) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	557.42	34.49
34 41 16 00-0106	EA	Surge Suppressor (Daktronics A-2139) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	828.78	34.49
34 41 16 00-0107	EA	VCB, Vanguard Control Board (Daktronics 0P-1248-0022) Note: Receives high speed serial communication over fiber or CAT5 from VFC-3000 and reports sign status and peripheral diagnostics.	1,406.62	57.48
34 41 16 00-0108	EA	VMS I/O, Variable Message Sign Input/Output (Daktronics 0P-1194-0001) Note: Input/Output board for sign peripherals.	1,905.92	57.48
34 41 16 00-0109	EA	Power Supply Assembly (Daktronics A-1856R)	1,254.66	57.48
34 41 16 00-0110	EA	Power Supply Isolation Board (Daktronics 0P-1447-2000)	820.48	57.48
34 41 16 00-0111	EA	Ventilation/Circulation Fan (Daktronics B-1075)	299.47	57.48
34 41 16 00-0112	EA	VMS Controller (V2) (Daktronics 0A-1248-0028)	10,228.76	229.90
34 41 16 00-0113	EA	Photo/Temp Sensor (Daktronics 0P-1247-0015)	701.09	57.48
34 41 16 00-0114	EA	Defog Fan (Daktronics B-1053)	111.75	28.74
34 41 16 00-0115	EA	Defog Heater (Daktronics A-1792)	144.32	28.74
34 41 16 00-0116	EA	Display Card 1500, 15' Clear (Ver-Mac PB-AFF-06023A-03 PF)	929.03	57.48
34 41 16 00-0117	EA	Display Card 1500, 30' Amber (Ver-Mac PB-AFF-06023-01 PF)	929.03	57.48
34 41 16 00-0118	EA	1-Port Decoder With H.264 And High-Definition Technology (Verint S1801E-R)	1,214.89	57.63
34 41 16 00-0119	EA	1-Port Video Encoder Featuring H.264 Technology With One Bi-directional Audio Channel And 12V DC Universal Power Supply (Verint S1801E)	1,214.89	57.63
34 41 16 00-0120	EA	16-Port Video Encoder Featuring H.264 Technology (Verint S1816E)	6,629.85	57.63
34 41 16 00-0121	EA	Encoder H.264 Compact, Hiperfmc (Verint S1802E)	1,573.41	57.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0122	EA	110 Volt AC To 12 Volt DC At 45 Watt, Transformer (Verint PS1261)	209.59	28.74
34 41 16 00-0123	EA	1-Channel Encoder, H.264 Dual-Streaming, SD Card Slot (Bosch VIP-X1XF-E)	743.70	57.63
34 41 16 00-0124	EA	Single/Quad-Stream Decoder (Bosch VIP-XD)	1,961.49	57.63
34 41 16 00-0125	EA	1-Output, Outdoor-Rated CCTV Power Supply Unit, 24/26/28 Volt AC (Pelco WCS1-4)	286.66	57.48
34 41 16 00-0126	EA	4-Outputs, Outdoor-Rated CCTV Power Supply With Circuit Breaker, 24/28 Volt AC (Pelco WCS4-20B)	637.06	57.48
34 41 16 00-0127	EA	12.5KVA, 12 Volt, 75Ah, UPS Battery (UPG UB12750)	297.39	14.41
34 41 16 00-0128	EA	Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports (EtherWAN EX71440-B0B)	3,780.95	114.95
34 41 16 00-0129	EA	Power Supply, Hardened, External 100-240 Volt AC Input; TS2 rated; 12 Volt DC Output Power (EtherWAN 41-136046-1)	229.60	28.74
34 41 16 00-0130	EA	4kVA / 3.6kW Split-Phase Power Module (Eaton 9PXMSPPM)	3,443.54	57.48
34 41 16 00-0131	EA	208-240 Volt, 4-20kVA Rack/Tower UPS (Eaton 9PXM)	8,015.04	284.51
34 41 16 00-0132	EA	30 Amperes, 600 Volt, 3-Pole, Fusible, NEMA 3R Rainproof, Safety Switch (Square D H361RB)	1,057.23	149.44
34 41 16 00-0133	EA	30 Amperes, 600 Volt, LKS Fuse (Eaton Bussmann LKS-30)	24.45	9.19
34 41 16 00-0134	EA	60 Amperes, 600 Volt, 3-Pole, Fusible, Heavy-Duty, Safety Switch (Square D H362DS)	2,790.84	114.95
34 41 16 00-0135	EA	60 Amperes, 600 Volt, Dual Element, Time-Delay Fuse (Eaton Bussmann FRS-R-60)	57.40	9.19
34 41 16 00-0136	EA	50 Mbps, MIMO 2x2, 15 dBi Integrated Antenna (Proxim Wireless TSUNAMI QB-820)	2,493.45	64.60
34 41 16 00-0137	EA	Singlemode Loaded Fiber Adapter Panel, 6 Simplex SC/UPC Adapters (Multi-Link 10-4810)	126.84	43.68
34 41 16 00-0138	EA	12" x 6" x 5-1/2", 2 Panel, 2 Splice Dual Security Door, Compact Wall Mount Fiber Distribution Unit (Multilink 10-4469)	380.73	57.48
34 41 16 00-0139	EA	Single AC Inlet, 8 NEMA 5-15 Outlets, Built-in AC Current Drawing Sensing Module (Synaccess NP-0801DT)	701.69	14.98
34 41 16 00-0140	EA	Aggregated TRMS AC Current Sensing, One Readout For All Outlets (Synaccess NP-0801DT H)	756.53	14.98
34 41 16 00-0141	EA	550 Watt, 120 Volt AC, Fan Heater With Adjustable Thermostat, 32-140 Degree Fahrenheit (Stego CR-027)	397.61	22.99
34 41 16 00-0142	EA	10/100M Switch, 4 x 1G Combo, LAN Base (Cisco IE-4000-4TC4G-E)	4,809.69	137.94
34 41 16 00-0143	EA	12 Port, 2 Panel, Wall Mount, Compact Fiber Distribution Unit (Multilink FWM012XLC)	173.32	26.44
34 41 16 00-0144	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel (Multilink MSC-06-SM-C-BLK)	44.37	5.75
34 41 16 00-0145	EA	170 Watt AC To DC, Industrial Ethernet Family Power Supply (Cisco PWR-IE170W-PC-AC)	1,518.55	57.48
34 41 16 00-0146	EA	12 Port, Industrial Ethernet Layer 3 Switch Installed In Transportation Control Equipment (Cisco IE-4000-4GC4GP4G-E)	5,231.40	114.95
34 41 16 00-0147	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line Uninterruptible Power Supply (UPS) (Xtreme Power P90-3000)	3,498.30	189.67
34 41 16 00-0148	EA	100 Amperes, 16 Circuit, Main Lug Load Center Panelboard, 8-1 AWG, 120/240 Volt, Single Phase (Square D QO816L100DS)	750.95	328.77
34 41 16 00-0149	EA	70 Amperes, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase (Square D QO24L70S)	523.08	229.90
34 41 16 00-0150	EA	60 Amperes, 120/240 Volt, 2 Pole Common Trip Miniature Circuit Breaker, Plug On Mounting (Square D QO260)	111.14	31.04
34 41 16 00-0151	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QOT1515)	84.98	20.69
34 41 16 00-0152	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	65.36	20.69
34 41 16 00-0153	EA	20 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	65.36	20.69
34 41 16 00-0154	EA	One Output Outdoor-rated CCTV Power Supply Unit, 24/26/28 Volt AC At 4 Amperes Total Supply Current, Fuse Protected Output, UL Listed (Pelco WCS1-4)	286.66	57.48
34 41 16 00-0155	EA	DIN Rail Mount, Switching Power Supply (TKH Security PSR12DC)	326.36	28.81
34 41 16 00-0156	EA	H.264 Multi-codec Video Encoder With Audio, Data And CC's (TKH Security C-60-E-MC)	3,097.02	28.81
34 41 16 00-0157	EA	Expansion Power Module For IE-3000-4TC And IE-3000-8TC (Cisco PWR-IE50W-AC-IEC)	603.46	14.98
34 41 16 00-0158	EA	Traffic Monitoring System (BlueToad Spectra Cellular/Solar Version)	12,453.07	193.81
34 41 16 00-0159	EA	Ubiquiti Rocket M9 Wireless Access Point (ROCKETM9)	460.27	64.60

34 41 23 Roadway Monitoring Equipment *(34 41)*

34 41 23 00-0001 Radar Speed Display Signs *(34 41 23)*

34 41 23 00-0002	EA	Pole Mounted Radar Speed Sign (RU2 Systems, Inc. Model 250) Note: 12" Full Matrix (rounded) Characters for quick recognition.	6,001.78	
34 41 23 00-0003	EA	Pole Mounted Radar Speed Sign (RU2 Systems, Inc. Model 350) Note: 18" Full Matrix (rounded) Characters for quick recognition.	7,057.42	
34 41 23 00-0004	EA	Dolly Mounted Radar Speed Sign (RU2 Systems, Inc. Model 500) Note: 12" Amber AlInGaP LED display characters.	10,027.26	
34 41 23 00-0005	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 600) Note: 12" full graphic characters	12,597.52	
34 41 23 00-0006	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 750) Note: 18" Amber AlInGaP LED display characters	15,818.45	
34 41 23 00-0007	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 800) Note: 18" Amber AlInGaP LED full graphic display characters, on top. 18" x 24" MUTCD R2-1 speed sign / 5-65 MPH overlays.	16,555.51	
34 41 23 00-0008	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 950) Note: 18" Amber AlInGaP LED full graphic display characters. 18" x 24" MUTCD R2-1 speed sign / 5-65 MPH overlays.	20,051.82	
34 41 23 00-0009	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 1000) Note: Up to 30" Amber AlInGaP LED digits.	22,954.17	

34 43 Airfield Signaling and Control Equipment *(34 40)*

34 43 13 Airfield Signals and Lighting *(34 43)*

34 43 13 09 Airport Rotating Beacons *(34 43 13)*

34 43 13 09-0001	EA	Rotating Heliport Beacon, 3 - 500 Watt Quartz Lamps	8,771.26	2,100.77

34 43 13 12 Airport Obstruction Lights *(34 43 13)*

34 43 13 12-0001 Hazard Beacon Flashing Red, Two Lamps-620 Watts *(34 43 13 12)*

34 43 13 12-0002	EA	Hazard Beacon Flashing Red, 2 - 620 Watt With 2 Wire Cable	4,288.81	210.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 12-0003	EA	Hazard Beacon Flashing Red, 2 - 620 Watt With 3 Wire Cable	4,787.99	210.07
34 43 13 12-0004	EA	Beacon Failure Alarm Relay Assembly	1,031.66	210.07
34 43 13 12-0005		Obstruction Marker Lights *(34 43 13 12)*		
34 43 13 12-0006	EA	Obstruction Marker Light, 1 - 69 Watt FAA Spec L-810	450.00	131.30
34 43 13 12-0007	EA	Obstruction Marker Light, 2 - 69 Watt FAA Spec L-810	732.61	157.55
34 43 13 12-0008	EA	Obstruction Marker Light, 1 - 116 Watt Mil Spec M16-6-7830B	619.72	131.30
34 43 13 12-0009	EA	Obstruction Marker Light, 2 - 116 Watt Mil Spec M16-6-7830B	1,014.64	157.55
34 43 13 12-0010	EA	Transfer Relay Assembly	1,483.42	210.07
34 43 13 12-0011		Solid State Flashers With Cast Aluminum Housing *(34 43 13 12)*		
34 43 13 12-0012	EA	Solid State Flashers, 1 Circuit, With Cast Aluminum Housing	15,395.58	210.07
34 43 13 12-0013	EA	Solid State Flashers, 2 Circuit Simultaneous Flash, With Cast Aluminum Housing	30,475.76	262.59
34 43 13 12-0014	EA	Solid State Flashers, 3 Circuit Simultaneous Flash, With Cast Aluminum Housing	45,556.80	315.12
34 43 13 12-0015	EA	Sequential Flasher	10,791.09	1,138.30
34 43 13 13		**Airfield Runway Identification Lights** *(34 43 13)*		
34 43 13 13-0001		Taxi Guidance Sign Internally Illuminated, 18" Letters *(34 43 13 13)*		
34 43 13 13-0002	EA	Taxi Guidance Sign 1 Face, 4' Wide Internally Illuminated, 18" Letter	3,050.84	210.07
		For LED, Add	*526.14*	
34 43 13 13-0003	EA	Taxi Guidance Sign 1 Face, 6' Wide Internally Illuminated, 18" Letter	4,972.61	262.59
		For LED, Add	*889.54*	
34 43 13 13-0004	EA	Taxi Guidance Sign 1 Face, 8' Wide Internally Illuminated, 18" Letter	6,820.37	315.12
		For LED, Add	*1,237.97*	
34 43 13 13-0005	EA	Taxi Guidance Sign 1 Face, 10' Wide Internally Illuminated, 18" Letter	8,462.79	315.12
		For LED, Add	*1,524.50*	
34 43 13 13-0006	EA	Taxi Guidance Sign 2 Face, 4' Wide Internally Illuminated, 18" Letter	3,510.80	315.12
		For LED, Add	*576.05*	
34 43 13 13-0007	EA	Taxi Guidance Sign 2 Face, 6' Wide Internally Illuminated, 18" Letter	5,681.50	367.64
		For LED, Add	*989.38*	
34 43 13 13-0008	EA	Taxi Guidance Sign 2 Face, 8' Wide Internally Illuminated, 18" Letter	7,778.91	420.16
		For LED, Add	*1,387.72*	
34 43 13 13-0009	EA	Taxi Guidance Sign 2 Face, 10' Wide Internally Illuminated, 18" Letter	9,670.56	525.19
		For LED, Add	*1,724.17*	
34 43 13 13-0010		Taxi Guidance Sign Internally Illuminated, 12" And 15" Letters *(34 43 13 13)*		
34 43 13 13-0011	EA	Taxi Guidance Sign 1 Face, 2 1/2' Wide Internally Illuminated, 12 - 15" Letters	2,606.57	210.07
		For LED, Add	*437.28*	
34 43 13 13-0012	EA	Taxi Guidance Sign 1 Face, 4' Wide Internally Illuminated, 12 - 15" Letters	4,054.20	210.07
		For LED, Add	*726.81*	
34 43 13 13-0013	EA	Taxi Guidance Sign 1 Face, 6' Wide Internally Illuminated, 12 - 15" Letters	5,718.89	262.59
		For LED, Add	*1,038.80*	
34 43 13 13-0014	EA	Taxi Guidance Sign 1 Face, 8' Wide Internally Illuminated, 12 - 15" Letters	7,204.74	315.12
		For LED, Add	*1,314.84*	
34 43 13 13-0015	EA	Taxi Guidance Sign 2 Face, 2 1/2' Wide Internally Illuminated, 12 - 15" Letters	2,910.99	262.59
		For LED, Add	*477.22*	
34 43 13 13-0016	EA	Taxi Guidance Sign 2 Face, 4' Wide Internally Illuminated, 12 - 15" Letters	4,558.29	262.59
		For LED, Add	*806.68*	
34 43 13 13-0017	EA	Taxi Guidance Sign 2 Face, 6' Wide Internally Illuminated, 12 - 15" Letters	6,423.52	315.12
		For LED, Add	*1,158.60*	
34 43 13 13-0018	EA	Taxi Guidance Sign 2 Face, 8' Wide Internally Illuminated, 12 - 15" Letters	10,154.16	367.64
		For LED, Add	*1,883.91*	
34 43 13 13-0019		Taxi Guidance Sign Unlighted, 18" Letters *(34 43 13 13)*		
34 43 13 13-0020	EA	Taxi Guidance Sign 1 Face, 4' Wide Unlighted, 18" Letters	2,144.72	131.30
		For LED, Add	*376.38*	
34 43 13 13-0021	EA	Taxi Guidance Sign 1 Face, 6' Wide Unlighted, 18" Letters	3,961.74	131.30
		For LED, Add	*739.79*	
34 43 13 13-0022	EA	Taxi Guidance Sign 1 Face, 8' Wide Unlighted, 18" Letters	5,756.86	157.55
		For LED, Add	*1,088.21*	
34 43 13 13-0023	EA	Taxi Guidance Sign 1 Face, 10' Wide Unlighted, 18" Letters	7,189.51	157.55
		For LED, Add	*1,374.74*	
34 43 13 13-0024	EA	Taxi Guidance Sign 2 Face, 4' Wide Unlighted, 18" Letters	2,447.29	157.55
		For LED, Add	*426.30*	
34 43 13 13-0025	EA	Taxi Guidance Sign 2 Face, 6' Wide Unlighted, 18" Letters	4,513.90	157.55
		For LED, Add	*839.62*	
34 43 13 13-0026	EA	Taxi Guidance Sign 2 Face, 8' Wide Unlighted, 18" Letters	6,465.24	210.07
		For LED, Add	*1,209.02*	
34 43 13 13-0027	EA	Taxi Guidance Sign 2 Face, 10' Wide Unlighted, 18" Letters	6,512.66	210.07
		For LED, Add	*1,218.50*	
34 43 13 13-0028		Distance Marker Sign, Internally Illuminated *(34 43 13 13)*		
34 43 13 13-0029	EA	Distance Marker Sign, 48" x 48"	4,139.06	210.07
34 43 13 13-0030		Options And Accessories *(34 43 13 13)*		
34 43 13 13-0031	EA	100 Watt Transformer Guidance Signs Accessories	374.82	52.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 13-0032	EA	Connection Kit For 1 Conduit Cable Guidance Signs Accessories	185.34	78.78
34 43 13 13-0033	EA	Base Housing, 12" Diameter Guidance Signs Accessories	485.08	105.04
34 43 13 13-0034		Tools *(34 43 13 13)*		
34 43 13 13-0035	EA	Impact Nut Driver Guidance Signs Accessories	484.21	
34 43 13 13-0036	EA	Leveling Tool Guidance Signs Accessories	244.60	
34 43 13 13-0037	EA	Contact Straightener Guidance Signs Accessories	107.32	
34 43 13 13-0038	EA	Installation Fixture Guidance Signs Accessories	499.18	
34 43 13 13-0039	EA	Drill Jig Guidance Signs Accessories	599.02	
34 43 13 13-0040	EA	Installation And Align Tool Guidance Signs Accessories	304.50	
34 43 13 13-0041	EA	Prism Setting Fixture Guidance Signs Accessories	427.20	
34 43 13 13-0042	EA	Pressure Test Fitting Guidance Signs Accessories	111.97	
34 43 13 13-0043	EA	Lifting Handles Guidance Signs Accessories	62.40	
34 43 13 13-0044	EA	Leveling Tool Guidance Signs Accessories	244.60	
34 43 13 13-0045	EA	Flector Alignment Tool Guidance Signs Accessories	199.70	
34 43 13 13-0046	EA	Lamp Extractor Guidance Signs Accessories	32.45	
34 43 13 13-0047	EA	Cable Stripper/Penciller Guidance Signs Accessories	324.67	
34 43 13 13-0048		Taxiway Marker Tubular Reflectors Post *(34 43 13 13)*		
		Note: With reflective strips on contract background.		
34 43 13 13-0049	EA	Taxiway Marker Reflector Post 18" With Reflector Strips On Contract Background	165.16	52.52
34 43 13 13-0050	EA	Taxiway Marker Reflector Post 24" With Reflector Strips On Contract Background	175.15	52.52
34 43 13 13-0051	EA	Taxiway Marker Reflector Post 30" With Reflector Strips On Contract Background	190.12	52.52
34 43 13 13-0052	EA	Taxiway Marker Reflector Post 36" With Reflector Strips On Contract Background	200.10	52.52
34 43 13 16		**Airfield Runway and Taxiway Inset Lighting** ***(34 43 13)***		
34 43 13 16-0001		Runway And Taxiway Lights *(34 43 13 16)*		
34 43 13 16-0002		Runway In-Pavement Lights *(34 43 13 16-0001)*		
34 43 13 16-0003		Runway Centerline, Land And Hold Short Operations (LAHSO) *(34 43 13 16-0002)*		
		Note: L-850A.		
34 43 13 16-0004	EA	Uni-Directional Runway Centerline Light With Shallow Base And Film Disc Cutout	1,580.44	157.55
34 43 13 16-0005	EA	Uni-Directional Runway Centerline Light With Cord Set And Film Disc Cutout	860.78	105.04
34 43 13 16-0006	EA	Uni-Directional Runway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	905.58	105.04
34 43 13 16-0007	EA	Uni-Directional Runway Centerline Light With Shallow Base And Without Film Disc Cutout	1,547.07	157.55
34 43 13 16-0008	EA	Uni-Directional Runway Centerline Light With Cord Set And Without Film Disc Cutout	851.38	105.04
34 43 13 16-0009	EA	Uni-Directional Runway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	880.52	105.04
34 43 13 16-0010	EA	Bi-Directional Runway Centerline Light With Shallow Base And Film Disc Cutout	1,643.71	157.55
34 43 13 16-0011	EA	Bi-Directional Runway Centerline Light With Cord Set And Film Disc Cutout	893.32	105.04
34 43 13 16-0012	EA	Bi-Directional Runway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	940.36	105.04
34 43 13 16-0013	EA	Bi-Directional Runway Centerline Light With Shallow Base And Without Film Disc Cutout	1,608.67	157.55
34 43 13 16-0014	EA	Bi-Directional Runway Centerline Light With Cord Set And Without Film Disc Cutout	883.44	105.04
34 43 13 16-0015	EA	Bi-Directional Runway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	914.04	105.04
34 43 13 16-0016		Runway Touchdown Zone, Medium Intensity Approach Lighting System *(34 43 13 16-0002)*		
		Note: L-850B.		
34 43 13 16-0017	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Shallow Base And Film Disc Cutout	1,430.56	157.55
34 43 13 16-0018	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Single Cord Set And Film Disc Cutout	730.64	105.04
34 43 13 16-0019	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Shallow Base And Without Film Disc Cutout	1,400.61	157.55
34 43 13 16-0020	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Single Cord Set And Without Film Disc Cutout	700.71	105.04
34 43 13 16-0021		Runway Edge, Displaced Threshold *(34 43 13 16-0002)*		
		Note: L-850C.		
34 43 13 16-0022	EA	Bi-Directional Displaced Threshold Runway Edge Light With Cord Set And Film Disc Cutout	1,312.21	105.04
34 43 13 16-0023	EA	Bi-Directional Displaced Threshold Runway Edge Light With Two (2) Cord Sets And Film Disc Cutout	1,319.74	105.04
34 43 13 16-0024	EA	Bi-Directional Displaced Threshold Runway Edge Light With Cord Set And Without Film Disc Cutout	1,292.54	105.04
34 43 13 16-0025	EA	Bi-Directional Displaced Threshold Runway Edge Light With Two (2) Cord Sets And Without Film Disc Cutout	1,299.55	105.04
34 43 13 16-0026		Runway Threshold/End *(34 43 13 16-0002)*		
		Note: L-850D.		
34 43 13 16-0027	EA	Uni-Directional Obscured Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,445.75	105.04
34 43 13 16-0028	EA	Uni-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,468.53	105.04
34 43 13 16-0029	EA	Uni-Directional Obscured Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,415.82	105.04
34 43 13 16-0030	EA	Uni-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,420.64	105.04
34 43 13 16-0031	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,813.71	105.04
34 43 13 16-0032	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,843.25	105.04
34 43 13 16-0033	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,747.65	105.04
34 43 13 16-0034	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,753.80	105.04
34 43 13 16-0035	EA	Bi-Directional Obscured Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,507.53	105.04
34 43 13 16-0036	EA	Bi-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,531.45	105.04
34 43 13 16-0037	EA	Bi-Directional Obscured Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,476.11	105.04
34 43 13 16-0038	EA	Bi-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,481.17	105.04
34 43 13 16-0039	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,893.89	105.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0040	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,924.91	105.04
34 43 13 16-0041	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,824.53	105.04
34 43 13 16-0042	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,830.99	105.04
34 43 13 16-0043		**Runway Threshold, Medium Intensity Approach Lighting System** *(34 43 13 16-0002)* Note: L-850E.		
34 43 13 16-0044	EA	Uni-Directional Straight Or Toe-in Runway Threshold Light With Single Cord Set And Film Disc Cutout	1,570.64	105.04
34 43 13 16-0045	EA	Uni-Directional Straight Or Toe-in Runway Threshold Light With Single Cord Set And Without Film Disc Cutout	1,510.74	105.04
34 43 13 16-0046		**Land And Hold Short Operations (LAHSO)** *(34 43 13 16-0002)* Note: L-850F.		
34 43 13 16-0047	EA	Uni-Directional Runway LAHSO With Shallow Base And Film Disc Cutout	1,900.42	157.55
34 43 13 16-0048	EA	Uni-Directional Runway LAHSO With Two (2) Cord Sets And Film Disc Cutout	949.93	105.04
34 43 13 16-0049	EA	Uni-Directional Runway LAHSO With Shallow Base And Without Film Disc Cutout	1,857.85	157.55
34 43 13 16-0050	EA	Uni-Directional Runway LAHSO With Two (2) Cord Sets And Without Film Disc Cutout	907.39	105.04
34 43 13 16-0051		**Runway Guard** *(34 43 13 16-0002)* Note: L-852G.		
34 43 13 16-0052	EA	Uni-Directional 105 Watt Runway Guard Light With Shallow Base	1,380.23	157.55
34 43 13 16-0053	EA	Uni-Directional 105 Watt Runway Guard Light With Two (2) Cord Sets	1,128.30	157.55
34 43 13 16-0054		**Stop Bar** *(34 43 13 16-0002)* Note: L-852S.		
34 43 13 16-0055	EA	Uni-Directional 105 Watt Stop Bar Light With Shallow Base And Film Disc Cutout	1,370.89	157.55
34 43 13 16-0056	EA	Uni-Directional 105 Watt Stop Bar Light With Cord Set And Film Disc Cutout	950.06	157.55
34 43 13 16-0057	EA	Uni-Directional 105 Watt Stop Bar Light With Shallow Base And Without Film Disc Cutout	1,368.09	157.55
34 43 13 16-0058	EA	Uni-Directional 105 Watt Stop Bar Light With Cord Set And Without Film Disc Cutout	920.11	157.55
34 43 13 16-0059		**Taxiway In-Pavement Lights** *(34 43 13 16-0001)*		
34 43 13 16-0060		**Taxiway Centerline, Straight Sections; Clearance Bar (>= 1,200 or <1,200 Runway Visual Range)** *(34 43 13 16-0059)* Note: L-852A or L-852C.		
34 43 13 16-0061	EA	Uni-Directional Straight Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,580.44	157.55
34 43 13 16-0062	EA	Uni-Directional Straight Taxiway Centerline Light With Cord Set And Film Disc Cutout	992.52	105.04
34 43 13 16-0063	EA	Uni-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	1,041.40	105.04
34 43 13 16-0064	EA	Uni-Directional Straight Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,558.73	157.55
34 43 13 16-0065	EA	Uni-Directional Straight Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	936.15	105.04
34 43 13 16-0066	EA	Uni-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	981.52	105.04
34 43 13 16-0067	EA	Bi-Directional Straight Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,638.47	157.55
34 43 13 16-0068	EA	Bi-Directional Straight Taxiway Centerline Light With Cord Set And Film Disc Cutout	1,028.41	105.04
34 43 13 16-0069	EA	Bi-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	1,076.27	105.04
34 43 13 16-0070	EA	Bi-Directional Straight Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,615.76	157.55
34 43 13 16-0071	EA	Bi-Directional Straight Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	969.45	105.04
34 43 13 16-0072	EA	Bi-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	1,013.87	105.04
34 43 13 16-0073		**Taxiway Centerline, Curved Sections; Clearance Bar (>= 1,200 or <1,200 Runway Visual Range)** *(34 43 13 16-0059)* Note: L-852B or L-852D or L-852J or L-852K.		
34 43 13 16-0074	EA	Uni-Directional Curved Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,617.00	157.55
34 43 13 16-0075	EA	Uni-Directional Curved Taxiway Centerline Light With Cord Set And Film Disc Cutout	990.07	105.04
34 43 13 16-0076	EA	Uni-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	1,046.84	105.04
34 43 13 16-0077	EA	Uni-Directional Curved Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,514.03	157.55
34 43 13 16-0078	EA	Uni-Directional Curved Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	928.38	105.04
34 43 13 16-0079	EA	Uni-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	983.30	105.04
34 43 13 16-0080	EA	Bi-Directional Curved Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,674.36	157.55
34 43 13 16-0081	EA	Bi-Directional Curved Taxiway Centerline Light With Cord Set And Film Disc Cutout	1,024.44	105.04
34 43 13 16-0082	EA	Bi-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	1,083.71	105.04
34 43 13 16-0083	EA	Bi-Directional Curved Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,564.20	157.55
34 43 13 16-0084	EA	Bi-Directional Curved Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	961.64	105.04
34 43 13 16-0085	EA	Bi-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	1,015.65	105.04
34 43 13 16-0086		**Taxiway Intersections; Clearance Bar (>= 1,200 Runway Visual Range)** *(34 43 13 16-0059)* Note: L-852E.		
34 43 13 16-0087	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,370.89	157.55
34 43 13 16-0088	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,626.36	157.55
34 43 13 16-0089	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,429.44	157.55
34 43 13 16-0090	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,594.43	157.55
34 43 13 16-0091	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	807.79	105.04
34 43 13 16-0092	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	1,010.39	157.55
34 43 13 16-0093	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	905.98	157.55
34 43 13 16-0094	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Cord Set And Film Disc Cutout	959.11	157.55
34 43 13 16-0095	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,346.05	157.55
34 43 13 16-0096	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,595.50	157.55
34 43 13 16-0097	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,403.22	157.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0098	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,564.34	157.55
34 43 13 16-0099	EA	Omni-Directional 45Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	788.00	105.04
34 43 13 16-0100	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	992.56	157.55
34 43 13 16-0101	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	890.82	157.55
34 43 13 16-0102	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	976.07	157.55
34 43 13 16-0103		Taxiway Intersections; Clearance Bar (<1,200 Runway Visual Range) *(34 43 13 16-0059)*		
		Note: L-852F.		
34 43 13 16-0104	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,605.48	157.55
34 43 13 16-0105	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	1,014.86	157.55
34 43 13 16-0106	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,564.86	157.55
34 43 13 16-0107	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	992.84	157.55
34 43 13 16-0108		Taxiway Edge, Apron Edge *(34 43 13 16-0059)*		
		Note: L-852T.		
34 43 13 16-0109	EA	Omni-Directional 45 Watt Taxiway Edge Light With Cord Set And Film Disc Cutout	1,539.59	157.55
34 43 13 16-0110	EA	Omni-Directional 45 Watt Taxiway Edge Light With Cord Set And Without Film Disc Cutout	1,349.37	157.55
34 43 13 16-0111		Elevated Lights *(34 43 13 16-0001)*		
34 43 13 16-0112		Elevated Runway Guard *(34 43 13 16-0111)*		
		Note: L-804		
34 43 13 16-0113	EA	Elevated Runway Guard	2,042.54	105.04
34 43 13 16-0114		Elevated Runway Edge *(34 43 13 16-0111)*		
		Note: L-860		
34 43 13 16-0115	EA	14" Omni-Directional Elevated Runway Edge Light	632.65	131.30
34 43 13 16-0116	EA	24" Omni-Directional Elevated Runway Edge Light	643.26	131.30
34 43 13 16-0117	EA	30" Omni-Directional Elevated Runway Edge Light	725.32	131.30
34 43 13 16-0118		Elevated Runway Threshold/End *(34 43 13 16-0111)*		
		Note: L-860E		
34 43 13 16-0119	EA	14" Uni-Directional Elevated Runway Threshold/End Light	601.81	131.30
34 43 13 16-0120	EA	24" Uni-Directional Elevated Runway Threshold/End Light	611.53	131.30
34 43 13 16-0121	EA	30" Uni-Directional Elevated Runway Threshold/End Light	686.76	131.30
34 43 13 16-0122	EA	14" Bi-Directional Elevated Runway Threshold/End Light	618.77	131.30
34 43 13 16-0123	EA	24" Bi-Directional Elevated Runway Threshold/End Light	628.98	131.30
34 43 13 16-0124	EA	30" Bi-Directional Elevated Runway Threshold/End Light	707.97	131.30
34 43 13 16-0125		Elevated Runway Edge or Threshold/End, Displaced Threshold, Non-Precision IFR Runways *(34 43 13 16-0111)*		
		Note: L-861, L-861E, L-861SE or L-861T		
34 43 13 16-0126	EA	14" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	570.98	131.30
34 43 13 16-0127	EA	20" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	576.46	131.30
34 43 13 16-0128	EA	24" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	579.81	131.30
34 43 13 16-0129	EA	30" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	648.20	131.30
34 43 13 16-0130	EA	14" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	574.35	131.30
34 43 13 16-0131	EA	20" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	579.91	131.30
34 43 13 16-0132	EA	24" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	583.28	131.30
34 43 13 16-0133	EA	30" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	652.42	131.30
34 43 13 16-0134	EA	14" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	589.94	131.30
34 43 13 16-0135	EA	20" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	595.77	131.30
34 43 13 16-0136	EA	24" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	599.31	131.30
34 43 13 16-0137	EA	30" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	671.92	131.30
34 43 13 16-0138		Elevated Runway Edge or Threshold/End, Displaced Threshold, Precision IFR Runways *(34 43 13 16-0111)*		
		Note: L-862 Or L-862E		
34 43 13 16-0139	EA	14" Uni-Directional Elevated Runway Light, Precision IFR Runways	531.07	131.30
34 43 13 16-0140	EA	24" Uni-Directional Elevated Runway Light, Precision IFR Runways	536.68	131.30
34 43 13 16-0141	EA	30" Uni-Directional Elevated Runway Light, Precision IFR Runways	545.35	131.30
34 43 13 16-0142	EA	14" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	647.08	131.30
34 43 13 16-0143	EA	24" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	655.11	131.30
34 43 13 16-0144	EA	30" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	674.11	131.30
34 43 13 16-0145	EA	14" Bi-Directional Elevated Runway Light, Precision IFR Runways	544.49	131.30
34 43 13 16-0146	EA	24" Bi-Directional Elevated Runway Light, Precision IFR Runways	550.38	131.30
34 43 13 16-0147	EA	30" Bi-Directional Elevated Runway Light, Precision IFR Runways	559.48	131.30
34 43 13 16-0148	EA	14" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	666.30	131.30
34 43 13 16-0149	EA	24" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	674.73	131.30
34 43 13 16-0150	EA	30" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	694.69	131.30
34 43 13 16-0151		Elevated Stop Bar *(34 43 13 16-0111)*		
		Note: L-862S		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0152	EA	14" Uni-Directional Elevated Stop Bar	535.94	131.30
34 43 13 16-0153	EA	24" Uni-Directional Elevated Stop Bar	542.28	131.30
34 43 13 16-0154	EA	30" Uni-Directional Elevated Stop Bar	545.35	131.30
34 43 13 16-0155		Airfield Optional Accessories *(34 43 13 16-0001)*		
34 43 13 16-0156	EA	30/45 Watt Transformer, Airfield Optional Accessories	299.94	52.52
34 43 13 16-0157	EA	65 Watt Transformer, Airfield Optional Accessories	337.38	52.52
34 43 13 16-0158	EA	100 Watt Transformer, Airfield Optional Accessories	374.82	52.52
34 43 13 16-0159	EA	200 Watt Transformer, Airfield Optional Accessories	388.22	52.52
34 43 13 16-0160	EA	300 Watt Transformer, Airfield Optional Accessories	471.63	78.78
34 43 13 16-0161	EA	500 Watt Transformer, Airfield Optional Accessories	524.79	78.78
34 43 13 16-0162	EA	10" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	487.58	105.04
34 43 13 16-0163	EA	12" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	572.44	105.04
34 43 13 16-0164	EA	15" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	684.75	105.04
34 43 13 16-0165	EA	12" Diameter Adjustable Base Housing, Load Bearing, Airfield Optional Accessories Note: L-867.	662.91	105.04
34 43 13 16-0166	EA	16" Diameter Adjustable Base Housing, Load Bearing, Airfield Optional Accessories Note: L-867.	803.31	105.04
34 43 13 16-0167	EA	Connection Kit For Conduit Cable, Airfield Optional Accessories	185.34	78.78
34 43 13 16-0168	MLF	#8 AWG Cable - Cross-linked High Heat-Resistant Water-Resistant (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	1,387.93	
34 43 13 16-0169	MLF	#6 AWG Cable - Cross-linked High Heat-Resistant Water-Resistant (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	1,791.43	
34 43 13 16-0170	MLF	#4 AWG Cable - Cross-linked High Heat-Resistant Water-Resistant (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	2,389.22	
34 43 13 16-0171	EA	Frangible Coupling (Complete), Airfield Optional Accessories	165.03	6.19
34 43 13 16-0172	EA	Precast Concrete Base, Airfield Optional Accessories	688.10	85.08
34 43 13 23		**Airfield Short-Approach Lighting Equipment** *(34 43 13)*		
34 43 13 23-0001		Land And Hold Short (LAHSO) Light System *(34 43 13 23)*		
34 43 13 23-0002	EA	Land And Hold Short (LAHSO) Lighting System, Five (5) Unidirectional In Pavement Light Fixtures (FAA L850A), Power Control And Monitoring Unit And Tower Control Panel	23,181.55	
34 43 13 26		**Airfield Omni-Directional-Approach Lighting Equipment** *(34 43 13)*		
34 43 13 26-0001		Elevated Approach *(34 43 13 26)*		
34 43 13 26-0002	EA	Approach And Navigational Light 200 Watt - Heavy-Duty Assembly Only Elevated Approach	527.51	105.04
		For LED, Add	*126.79*	
34 43 13 26-0003	EA	Approach And Navigational Light 300 Watt - Heavy-Duty Assembly Only Elevated Approach	527.51	105.04
		For LED, Add	*126.79*	
34 43 13 26-0004	EA	Approach And Navigational Light 500 Watt - Heavy-Duty Assembly Only Elevated Approach	527.51	105.04
		For LED, Add	*126.79*	
34 43 13 26-0005	EA	Approach And Navigational Light 200 Watt - With Filter Bracket Elevated Approach	568.66	115.54
		For LED, Add	*134.78*	
34 43 13 26-0006	EA	Approach And Navigational Light 300 Watt - With Filter Bracket Elevated Approach	568.66	115.54
		For LED, Add	*134.78*	
34 43 13 26-0007	EA	Approach And Navigational Light 500 Watt - With Filter Bracket Elevated Approach	568.66	115.54
		For LED, Add	*134.78*	
34 43 13 29		**Airfield Low-Intensity-Approach Lighting Equipment** *(34 43 13)*		
34 43 13 29-0001		Rotating Beacon *(34 43 13 29)*		
34 43 13 29-0002	EA	Rotating Airport Beacon, 12 RPM, 400 Watt Metal Halide 1 Beam Clear, 400 Watt Metal Halide 1 Beam Green	32,475.23	2,510.41
34 43 13 29-0003	EA	Rotating Beam Single Drum, 12 RPM Clear Beam, 500 Watt Quartz	73,008.34	2,100.77
34 43 13 29-0004	EA	Rotating Beam, Double Drum, 6 RPM Clear And Green Beams, 1,000 Watt Quartz	79,259.67	2,310.84
34 43 13 29-0005	EA	Beacon Tower, Tubular Type, 51'	26,288.90	1,288.91
34 43 13 29-0006	EA	Weatherproof Panelboard, 4 - 15 Amperes Breakers	4,099.84	315.12
34 43 13 29-0007		Runway Approach Lights, Semi-Flush Unidirectional *(34 43 13 29)*		
34 43 13 29-0008	EA	Runway Approach Light, Unidirectional, S-Flash, 115 Watt With Shallow Insert Base	2,280.07	157.55
34 43 13 29-0009	EA	Runway Approach Light, Unidirectional, S-Flash, 200 Watt With Shallow Insert Base	2,305.03	157.55
34 43 13 29-0010	EA	Runway Approach Light, Unidirectional, TD Zone, 115 Watt S-Flash, For Mounted In Base Housing	849.48	105.04
34 43 13 29-0011	EA	Runway Approach Light, Unidirectional, TD Zone, 200 Watt S-Flash, For Mounted In Base Housing	894.41	105.04
34 43 13 33		**Airfield High-Intensity-Approach Lighting Equipment** *(34 43 13)*		
34 43 13 33-0001		High Intensity Approach/ Threshold Light, Semi-Flush *(34 43 13 33)* Note: Unidirectional.		
34 43 13 33-0002	EA	High Intensity Approach Light, 500 Watt Quartz, Clear Semi-Flush, Unidirectional	3,328.35	157.55
		For LED, Add	*602.51*	
34 43 13 33-0003	EA	High Intensity Threshold Light, Clear 500 Watt Quartz, Semi-Flush, Unidirectional	3,622.86	157.55
		For LED, Add	*661.41*	
34 43 13 33-0004	EA	High Intensity Approach Light, 500 Watt Quartz, Red Semi-Flush, Unidirectional	3,269.69	157.55
		For LED, Add	*590.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 33-0005	EA	High Intensity Threshold/End Light, Green/Red Semi-Flush, Unidirectional	3,822.53	157.55
		For LED, Add	*701.35*	

34 43 13 36 Airfield Precision-Approach Path Indicator Equipment *(34 43 13)*

34 43 13 36-0001 Precision Approach Path Indicator *(34 43 13 36)*

34 43 13 36-0002	EA	Approach And Navigational Light Precision Approach Path Indicator - 4 System, 4 Units, 3 Projectors Per Unit	22,770.72	840.30
34 43 13 36-0003	EA	Approach And Navigational Light Series Power Kit (3 x 200), Precision Approach Path Indicator	2,691.43	210.07
34 43 13 36-0004	EA	Approach And Navigational Light Clinometer Precision Approach Path Indicator	2,252.15	210.07
34 43 13 36-0005	EA	Approach And Navigational Light Optical Bench Precision Approach Path Indicator	5,123.16	315.12
34 43 13 36-0006	EA	Approach And Navigational Light Radio Receiver, Air-Ground Precision Approach Path Indicator	3,527.56	210.07
34 43 13 36-0007	EA	Approach And Navigational Light Radio Receiver, Interface Unidirectional Precision Approach Path Indicator	1,079.08	210.07

34 43 23 Weather Observation Equipment *(34 43)*

34 43 23 16 Airfield Wind Cones *(34 43 23)*

34 43 23 16-0001 Wind Cone, 12 Foot Long, Illuminated With 16' Hinged Pole *(34 43 23 16)*

34 43 23 16-0002	EA	Wind Cone, 12' Lighted Assembly, With Light Rigid With Obstruction Light	24,918.76	1,260.46
34 43 23 16-0003	EA	Wind Cone, 12' Lighted Assembly Rigid	21,038.44	1,155.42
34 43 23 16-0004	EA	Wind Cone, 12' Unlighted Assembly, With Light Rigid With Obstruction Light	22,428.23	1,050.38
34 43 23 16-0005	EA	Wind Cone, 12' Unlighted Assembly Rigid	20,618.29	945.35
34 43 23 16-0006	EA	Wind Cone Slip Fitter, 2.5" Pipe	406.01	78.78
34 43 23 16-0007	EA	12' x 3' Wind Cone Cotton Sock With Frame	1,518.74	310.47
34 43 23 16-0008	EA	12' x 3' Wind Cone Nylon Sock With Frame	1,427.37	310.47
34 43 23 16-0009	EA	Booster Transformer, 1 KW Weatherproof Cabinet	1,500.67	157.55

34 43 23 16-0010 Wind Cone, Up To 8 Foot Long, Illuminated With 8' Hinged Pole *(34 43 23 16)*

34 43 23 16-0011	EA	Wind Cone, 8' Lighted Assembly With Light Frangible With Obstruction Light	18,899.15	1,050.38
34 43 23 16-0012	EA	Wind Cone, 8' Lighted Assembly Frangible	20,343.71	945.35
34 43 23 16-0013	EA	Wind Cone, 8' Lighted Assembly Rigid	15,936.39	945.35
34 43 23 16-0014	EA	Wind Cone, 8' Unlighted Assembly, With Light Rigid With Obstruction Light	17,136.27	945.35
34 43 23 16-0015	EA	Wind Cone, 8' Unlighted Assembly Frangible	20,585.15	840.30
34 43 23 16-0016	EA	Wind Cone, 8' Unlighted Assembly Rigid	15,726.31	840.30
34 43 23 16-0017	EA	8' x 1-1/2' Wind Cone Nylon Sock With Frame	872.79	310.47
34 43 23 16-0018	EA	Removal And Replacement Of 8' x 1-1/2' Wind Cone Nylon Sock	325.25	

34 43 26 Airfield Control Equipment *(34 43)*

34 43 26 13 Airfield Lighting Control Equipment *(34 43 26)*

34 43 26 13-0001 Power Cable Assemblies *(34 43 26 13)*

34 43 26 13-0002	EA	Approach And Navigational Light Upper Cable Assembly Power Cable Assemblies	210.30	78.78
34 43 26 13-0003	EA	Approach And Navigational Light Lower Cable Assembly Power Cable Assemblies	210.30	78.78
34 43 26 13-0004	EA	Approach And Navigational Light Cable Clamp Power Cable Assemblies	85.01	26.26

34 43 26 13-0005 Power Distribution And Control Equipment *(34 43 26 13)*

34 43 26 13-0006 Control Panel *(34 43 26 13-0005)*

34 43 26 13-0007	EA	Control Panel, Series Circuit Monitor 6.6 Amperes, 48 Volt DC Current	9,745.02	630.23
34 43 26 13-0008	EA	Key Selector Switch	119.88	34.14

34 43 26 13-0009 Series/Isolation Transformers *(34 43 26 13-0005)*

34 43 26 13-0010	EA	Series / Isolation Transformers 30/45 Watt - FAA	299.94	52.52
34 43 26 13-0011	EA	Series / Isolation Transformers 65 Watt - FAA	337.38	52.52
34 43 26 13-0012	EA	Series / Isolation Transformers 100 Watt - FAA	374.82	52.52
34 43 26 13-0013	EA	Series / Isolation Transformers 300 Watt - FAA	507.32	78.78
34 43 26 13-0014	EA	Series / Isolation Transformers 500 Watt - FAA	529.78	78.78
34 43 26 13-0015	EA	Series / Isolation Transformers 30/45 Watt - MIL	391.04	52.52
34 43 26 13-0016	EA	Series / Isolation Transformers 200 Watt - MIL	460.93	52.52
34 43 26 13-0017	EA	Series / Isolation Transformers 300 Watt - MIL	620.88	78.78
34 43 26 13-0018	EA	Series / Isolation Transformers 500 Watt - MIL	703.25	78.78

34 43 26 13-0019 Auxiliary Pilot Relay Cabinet *(34 43 26 13-0005)*

34 43 26 13-0020	EA	Relay Cabinet, 20 Circuit, 120 Volt, 50/60 Hertz Auxiliary Pilot Relay Cabinet	4,788.82	420.16
34 43 26 13-0021	EA	Relay Cabinet, 20 Circuit, 120 Volt, 50 Hertz Auxiliary Pilot Relay Cabinet	4,788.82	420.16
34 43 26 13-0022	EA	Relay Cabinet, 20 Circuit, 120 Volt, 60 Hertz Auxiliary Pilot Relay Cabinet	5,594.75	525.19
34 43 26 13-0023	EA	Master Timer Cabinet	20,130.51	1,138.30

34 43 26 13-0024 Radio Control *(34 43 26 13-0005)*

34 43 26 13-0025	EA	Radio Control Receiver Controller	9,214.88	3,371.73

34 43 26 13-0026 Constant Current Regulator *(34 43 26 13-0005)*

34 43 26 13-0027	EA	Constant Current Regulator, 10 KW - Wet Type Power Distribution And Control Equipment	15,236.01	630.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 26 13-0028	EA	Constant Current Regulator, 20 KW - Wet Type Power Distribution And Control Equipment	26,351.20	945.35
34 43 26 13-0029	EA	Constant Current Regulator, 50 KW - Wet Type Power Distribution And Control Equipment	40,160.30	1,575.58
34 43 26 13-0030	EA	Constant Current Regulator, 4 KW - Dry Type Power Distribution And Control Equipment	5,871.93	315.12
34 43 26 13-0031	EA	Constant Current Regulator, 7.5 KW - Dry Type Power Distribution And Control Equipment	8,577.60	420.16
34 43 26 13-0032	EA	Constant Current Regulator, 10 KW - Dry Type Power Distribution And Control Equipment	10,992.97	630.23
34 43 26 13-0033		Lamp Failure Detector *(34 43 26 13-0005)*		
34 43 26 13-0034	EA	Lamp Failure Detector, 120/240 Volt, 1 - 6.6 Amperes And 3 - 20 Amperes Circuit Monitoring	13,252.23	420.16
34 43 26 13-0035		Accessories *(34 43 26 13-0005)*		
34 43 26 13-0036	EA	Plug Cutout Power Distribution And Control Equipment Accessory	1,356.12	210.07
34 43 26 13-0037	EA	Primary Connector Kit Power Distribution And Control Equipment Accessory	237.98	105.04
34 43 26 13-0038	EA	Secondary Connector Kit Power Distribution And Control Equipment Accessory	255.46	105.04
34 43 26 13-0039	EA	Heat Shrink Kit Power Distribution And Control Equipment Accessory	330.77	157.55
34 43 26 13-0040		Runway Lighting Cable *(34 43 26 13-0005)*		
34 43 26 13-0041	LF	Electric Type "C" Cable	11.28	1.05
34 43 26 13-0042		Terminal Blocks *(34 43 26 13-0005)*		
34 43 26 13-0043	EA	Terminal Blocks	140.75	11.35
34 43 26 13-0044		Tower Lighting Controllers *(34 43 26 13)*		
34 43 26 13-0045	EA	Tower Light Controllers 0-150' Tower Cabinets Only	4,011.50	840.30
34 43 26 13-0046	EA	Light Controllers 150-450' Tower Cabinets Only	7,162.69	945.35
34 43 26 13-0047	EA	One Obstruction Light Alarm	2,649.83	420.16
34 43 26 13-0048	EA	2 Obstruction Lights And 1 Beacon Alarm, Flasher Fail Safe	5,526.95	630.23
34 43 26 13-0049	EA	Alarm Test Switch For 2 Lights Obstruction	5,108.30	420.16
34 43 26 13-0050		Junction Boxes And Tower Accessories *(34 43 26 13)*		
34 43 26 13-0051	EA	Size 1 Junction Box, With 4 Hubs, 4" Diameter x 2" Deep	365.28	105.04
34 43 26 13-0052	EA	Size 2 Junction Box, With 2 Or 4 Hubs, 8" x 4" x 2.5"	622.22	131.30
34 43 26 13-0053	EA	Size 3 Junction Box, With 4 Hubs 8 1/2" x 11 5/8" x 3 5/8"	1,007.16	157.55
34 43 26 13-0054	EA	Size 4 Junction Box, With 4 Hubs, 18" x 12" x 6"	1,393.56	210.07
34 43 26 13-0055	EA	Junction Box Breather, Screened 1" Nipple With Threaded 90 Degree Elbow	247.97	105.04
34 43 26 13-0056	EA	Junction Box Drain, Screened 1" Nipple	247.97	105.04
34 43 26 13-0057	EA	Wraplock Tape, Galvanized Steel 100' Roll	1,333.90	630.23
34 43 26 13-0058	EA	Telephone Jack Assembly In Field Box With 1/2" Hub	655.92	105.04
34 43 26 13-0059	EA	Elevated Approach Bar	11,668.82	3,625.82
34 43 26 13-0060		Lighting Kits For Towers *(34 43 26 13)* Note: Includes fixtures, junction boxes, controllers, accessories, less wire and conduit.		
34 43 26 13-0061	EA	Lighting Kits For Up To 100' Tower	10,645.26	3,988.77
34 43 26 13-0062	EA	Lighting Kits For From 101'-150' Tower	19,955.54	4,985.96
34 43 26 13-0063	EA	Lighting Kits For From 151'-200' Tower	24,822.79	7,478.94
34 43 26 13-0064	EA	Lighting Kits For From 201'-300' Tower	32,471.84	11,218.41
34 43 26 13-0065	EA	Lighting Kits For From 301'-450' Tower	56,628.70	18,448.05
34 43 26 13-0066		Junction Boxes And Tower Accessories *(34 43 26 13)*		
34 43 26 13-0067	EA	Termination Bar Complete	7,234.47	1,138.30

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001		Concrete Median Barrier *(34 71 13 13)*		
34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	74.63	4.88
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	122.22	4.88
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	171.93	4.88
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	50.57	6.56
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	43.36	3.86

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001		Impact Barrier, Non-Redirective *(34 71 13 16)*		
34 71 13 16-0002		Sand Barrel Impact Attenuator *(34 71 13 16-0001)* Note: Includes containers, inserts, and lid. Excludes sand.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 16-0003	EA	200, 400 Or 700 Lb. Sand Barrel Note: Includes containers, inserts, and lid.	501.18	60.36

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 Mobilize Guide Rail Crew *(34 71 13 26)*

34 71 13 26-0002	EA	Mobilize Guide Rail Crew Note: Excludes equipment mobilization.	1,528.07	

34 71 13 26-0003 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0004 Corrugated Beam Guide Railing *(34 71 13 26-0003)*

34 71 13 26-0005 Corrugated Beam Guide Railing. Straight Sections *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0006	LF	Corrugated Beam Guide Railing	35.49	2.72
34 71 13 26-0007	LF	Corrugated Beam Guide Railing (Rustic)	38.53	2.72

34 71 13 26-0008 Corrugated Beam Guide Railing, Shop Curved *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing	47.41	2.72
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic)	51.60	2.72
34 71 13 26-0011	LF	Shop Curved Corrugated Beam Guide Railing End Note: Treatment for mall barriers driveways, walkways, special end, etc.	126.77	2.72
34 71 13 26-0012	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.	138.64	2.72

34 71 13 26-0013 Corrugated Beam Guide Railing, Manufactured End Sections *(34 71 13 26-0003)*

34 71 13 26-0014	EA	Corrugated Beam Guide Railing End Section At Anchor Unit	249.20	36.02
34 71 13 26-0015	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit	265.42	36.02
34 71 13 26-0016	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section	346.52	36.02
34 71 13 26-0017	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic)	362.74	36.02
34 71 13 26-0018	EA	Corrugated Beam Guide Railing 225 Degree End Section	346.52	36.02
34 71 13 26-0019	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic)	362.74	36.02

34 71 13 26-0020 Corrugated Beam Guide Rail End Terminal Systems *(34 71 13 26-0003)*

Note: Excludes post. As manufactured and distributed by R. G. Steel Corp.

34 71 13 26-0021	EA	Regent Flared End Terminal Head With Bracket, Type B And C	9,620.42	220.70
34 71 13 26-0022	EA	Fleat Flared End Terminal Head With Bracket	7,998.48	220.70
34 71 13 26-0023	EA	SKT 350 Tangent End Terminal Head With Bracket	9,620.42	220.70
34 71 13 26-0024	EA	12'-6" Corrugated Beam Pre-drilled #1 Panel	1,355.18	104.04
34 71 13 26-0025	EA	Terminal Support System, Type SFT	1,090.04	278.18
34 71 13 26-0026	EA	Terminal Support System, Type ET	5,246.09	787.30
34 71 13 26-0027	EA	Terminal Support System, Type SRT	5,680.83	787.30

34 71 13 26-0028 Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*

Note: Includes mounting hardware.

34 71 13 26-0029	EA	Standard Post For Corrugated Beam Guide Rail	283.32	17.85
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.76*	
34 71 13 26-0030	EA	Standard Post For (Rustic) Corrugated Beam Guide Rail	299.54	17.85
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.76*	
34 71 13 26-0031	EA	Extra Long Post For Corrugated Beam Guide Rail	315.76	17.85
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.76*	
34 71 13 26-0032	EA	Extra Long Post (Rustic) for Corrugated Beam Guide Rail	331.98	17.85
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.76*	
34 71 13 26-0033	EA	6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail	283.32	17.85
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.76*	
34 71 13 26-0034	EA	Post Struts for Corrugated Beam Guide Rail Mall Barrier Post	413.08	17.85
		For Installation In Rock, Add	*4.76*	

34 71 13 26-0035 Heavy Post Blocked Out Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*

Note: Includes mounting hardware. Excludes triangular mounting brackets.

34 71 13 26-0036	EA	Standard Post For Heavy Post Blocked Out Corrugated Beam Guide	283.32	17.85
34 71 13 26-0037	EA	Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide	299.54	17.85
34 71 13 26-0038	EA	Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide	315.76	17.85
34 71 13 26-0039	EA	Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail Note: For heavy post blocked out corrugated beam guide (rustic)	331.98	17.85
34 71 13 26-0040	EA	Type A Post 1630mm Post Note: For heavy post blocked out corrugated beam guide rail	275.21	17.85
34 71 13 26-0041	EA	Type A Post 1630mm Post (Rustic) Note: For heavy post blocked out corrugated beam guide rail	291.43	17.85
34 71 13 26-0042	EA	Type B Post 1460mm Note: For heavy post blocked out corrugated beam guide rail	258.99	17.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0043	EA	Type B Post 1460mm (Rustic) Note: For heavy post blocked out corrugated beam guide rail	275.21	17.85
34 71 13 26-0044	EA	Type C Post 1290mm Note: For heavy post blocked out corrugated beam guide rail	242.77	17.85
34 71 13 26-0045	EA	Type C Post 1290mm (Rustic) Note: For heavy post blocked out corrugated beam guide rail	258.99	17.85
34 71 13 26-0046	EA	Breakaway Wood Or Steel Post In Steel Foundation Tube	1,096.89	17.85
34 71 13 26-0047	EA	Wood, Metal, Plastic Or Composite Offset Block Or Beam Note: For heavy post blocked out corrugated beam guide rail.	104.91	17.85
34 71 13 26-0048		**Corrugated Beam Guide Rail Accessories** *(34 71 13 26-0003)*		
34 71 13 26-0049	EA	Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C	216.76	40.93
34 71 13 26-0050		**Corrugated Beam Guide Rail Repair for Existing Guide Rail** *(34 71 13 26-0003)* Note: Includes associated hardware.		
34 71 13 26-0051	LF	Removal And Storage Of Corrugated Beam Guide Railing And Post	15.99	
34 71 13 26-0052	EA	Install Stored Post For Corrugated Beam Guide Rail	54.57	
34 71 13 26-0053	LF	Install Stored Corrugated Beam Guide Railing And Post	9.27	
34 71 13 26-0054		**Corrugated Thrie Beam Guide Railing** *(34 71 13 26-0003)*		
34 71 13 26-0055		**Corrugated Thrie Beam Guide Railing. Straight Sections** *(34 71 13 26-0054)* Note: Add additional length for back-up sections.		
34 71 13 26-0056	LF	Corrugated Thrie Beam Guide Railing	87.39	3.44
34 71 13 26-0057	LF	Corrugated Thrie Beam Guide Railing (Rustic)	92.33	3.44
34 71 13 26-0058		**Corrugated Thrie Beam Guide Railing. Shop Curved** *(34 71 13 26-0054)* Note: Add additional length for back-up sections.		
34 71 13 26-0059	LF	Shop Curved Corrugated Thrie Beam Guide Railing	107.16	3.44
34 71 13 26-0060	LF	Shop Curved Corrugated Thrie Beam Guide Railing (Rustic)	112.10	3.44
34 71 13 26-0061		**Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0054)* Note: Includes hardware for mounting.		
34 71 13 26-0062	EA	Standard Post For Corrugated Thrie Beam Guide Rail	361.41	3.44
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0063	EA	Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail	377.63	3.44
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0064		**Timber Guide Rails** *(34 71 13 26)* Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0065		**Timber Guide Rail Posts** *(34 71 13 26-0064)*		
34 71 13 26-0066	EA	6" x 8" Timber Guide Rail Post	121.12	13.64
34 71 13 26-0067	EA	6" x 9" Timber Guide Rail Post	138.10	13.64
34 71 13 26-0068	EA	10" x 10" Timber Guide Rail Post	271.16	13.64
34 71 13 26-0069	EA	10" x 12" Timber Guide Rail Post	287.03	13.64
34 71 13 26-0070	EA	12" x 12" Timber Guide Rail Post	332.26	13.64
34 71 13 26-0071		**Timber Guide Rails** *(34 71 13 26-0064)* Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0072	LF	4" x 9" Timber Guide Rail	15.03	1.63
34 71 13 26-0073	LF	6" x 10" Timber Guide Rail	21.14	1.63
34 71 13 26-0074	LF	6" x 12" Timber Guide Rail	24.72	1.63
34 71 13 26-0075		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0064)*		
34 71 13 26-0076	EA	4" x 9" Spacer Block For Timber Guide Rails	19.58	2.18
34 71 13 26-0077	EA	6" x 8" Spacer Block For Timber Guide Rails	22.51	2.18
34 71 13 26-0078	EA	8" x 8" Spacer Block For Timber Guide Rails	26.24	2.18
34 71 13 26-0079		**Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0064)*		
34 71 13 26-0080	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	27.20	1.36
34 71 13 26-0081		**Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0064)*		
34 71 13 26-0082	EA	Weathering Steel Splice Plate For Timber Guide Rails	189.45	19.10
34 71 13 26-0083	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	118.87	13.64
34 71 13 26-0084		**Cable Guide Rail** *(34 71 13 26)*		
34 71 13 26-0085		**Cable Guide Rail** *(34 71 13 26-0084)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0086	LF	Cable (Each Cable) Note: Includes tensioning. Excludes splices.	17.77	2.94
34 71 13 26-0087	EA	Cable Splice With Wedges	513.87	20.46
34 71 13 26-0088		**Cable Guide Rail Posts** *(34 71 13 26-0084)* Note: Includes hardware for cable mounting.		
34 71 13 26-0089	EA	Standard Post for Cable Guide Rail	322.65	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0090	EA	Standard Post (Rustic) for Cable Guide Rail	338.87	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0091	EA	Extra Long Post for Cable Guide Rail	338.87	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0092	EA	Extra Long Post (Rustic) for Cable Guide Rail	355.09	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0093	EA	Slip Impact Post Top for Anchor Unit	226.38	23.81
34 71 13 26-0094	EA	Slip Impact Post Base and Keeper Plate Note: For anchor unit.	631.87	23.81
34 71 13 26-0095		**Cable Guide Rail Accessories For Breakaway Anchor Angle Systems** *(34 71 13 26-0084)*		
34 71 13 26-0096	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	916.01	273.42
34 71 13 26-0097	EA	Turnbuckle Cable End Assembly	342.62	13.67
34 71 13 26-0098	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	1,144.42	6.79
34 71 13 26-0099	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	1,176.86	6.79
34 71 13 26-0100	EA	Breakaway Anchor Angle	439.93	13.67
34 71 13 26-0101	EA	Standard End Post Cap Assembly	203.69	6.79
34 71 13 26-0102	EA	Driveway End Post Cap Assembly	171.25	6.79
34 71 13 26-0103	EA	End Post Ground Support Plates	90.16	6.79
34 71 13 26-0104	EA	11" Stud Bolt, Cable Guide Rail	77.99	6.79
34 71 13 26-0105	EA	18" Stud Bolt, Cable Guide Rail	94.21	6.79
34 71 13 26-0106	EA	25" Stud Bolt, Cable Guide Rail	110.43	6.79
34 71 13 26-0107	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	991.39	13.67
34 71 13 26-0108	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	1,056.27	13.67
34 71 13 26-0109	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail	699.44	13.67
34 71 13 26-0110	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	430.76	6.79
34 71 13 26-0111	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	439.93	13.67
34 71 13 26-0112	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail	465.21	20.46
34 71 13 26-0113		**Cable Guide Rail Accessories For Slip Impact Post Systems** *(34 71 13 26-0084)*		
34 71 13 26-0114	EA	Turnbuckle Cable End Assembly Note: For use with slip impact post.	788.82	19.88
34 71 13 26-0115	EA	Spring Cable End Assembly (Compensating Device) Note: For use with slip impact post.	1,567.35	19.88
34 71 13 26-0116	EA	Anchor Angle For Slip Impact Post System	448.21	19.88
34 71 13 26-0117	EA	Cable End Assembly Rod Note: Includes cable end, threaded rod and keeper to anchor angle.	367.12	19.88
34 71 13 26-0118		**Cable Guide Rail Repair For Existing Guide Rail** *(34 71 13 26-0084)* Note: Includes associated hardware.		
34 71 13 26-0119	LF	Retention Existing Cable (Each Cable)	1.82	
34 71 13 26-0120	LF	Removal And Storage Of Cable Guide Railing	10.99	
34 71 13 26-0121	EA	Install Stored Post For Cable Guide Railing	79.36	
34 71 13 26-0122	LF	Install Stored Cable, (Each Cable) Note: Includes retensioning. Excludes splices.	4.86	
34 71 13 26-0123		**6" x 6" Box Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0124		**Box Beam Guide Rail, 6" x 6"** *(34 71 13 26-0123)*		
34 71 13 26-0125		**Straight Sections, Box Beam Guide Rail** *(34 71 13 26-0124)*		
34 71 13 26-0126	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	105.93	3.44
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0127	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	120.76	3.44
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0128	LF	Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices	126.23	3.44
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0129		**Shop Curved, Box Beam Guide Rail** *(34 71 13 26-0124)*		
34 71 13 26-0130	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	162.78	3.44
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0131	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	177.61	3.44
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0132	LF	Shop Curved Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices.	194.35	3.44
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0133		**Box Beam Guide Rail End Treatment Sections** *(34 71 13 26-0123)* Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.		
34 71 13 26-0134	EA	Box Beam End Piece Guide Railing Section Note: Galvanized excludes splices.	1,676.51	40.93
34 71 13 26-0135	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	1,854.92	40.93
34 71 13 26-0136	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized Note: Excludes splices.	1,579.19	40.93
34 71 13 26-0137	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic) Note: Excludes splices.	1,644.07	40.93
34 71 13 26-0138	EA	Box Beam Guiderail End Assembly Note: Includes all components for the first 14'. Includes energy absorbing terminal, bearing plate, steel breakaway post upper and lower assembly, interior sleeve, box beam, post breaker, cable assembly, end tube rail, end tube tie plate, post 1 and post 2.	47,452.64	1,091.48
34 71 13 26-0139		**Splices For Box Beam Guide Rail** *(34 71 13 26-0123)*		
34 71 13 26-0140	EA	Splice For Box Beam Guide Rail	364.81	60.76
34 71 13 26-0141	EA	Splice For Box Beam Guide Rail (Rustic)	478.35	60.76
34 71 13 26-0142		**Box Beam Guide Rail Posts** *(34 71 13 26-0123)* Note: Includes hardware for box beam mounting.		
34 71 13 26-0143	EA	Standard Post For Box Beam Guide Rail	338.87	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0144	EA	Standard Post (Rustic) for Box Beam Guide Railing	355.09	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0145	EA	Extra Long Post For Box Beam Guide Rail	371.31	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0146	EA	Extra Long Post (Rustic) For Box Beam Guide Rail	387.53	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0147	EA	Type I End Assembly Post	322.65	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0148	EA	Type I End Assembly Post (Rustic)	338.87	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0149	EA	Type II End Assembly Post	306.43	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0150	EA	Type II End Assembly Post (Rustic)	322.65	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0151		**Box Beam Guide Rail Accessories** *(34 71 13 26-0123)*		
34 71 13 26-0152	EA	Box Beam Guide Rail End Cover Plate	211.00	12.28
34 71 13 26-0153	EA	Box Beam Guide Rail End Cover Plate (Rustic)	227.22	12.28
34 71 13 26-0154		**Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0123)* Note: For existing guide rail.		
34 71 13 26-0155	LF	Removal And Storage Of Box Beam Guide Rail And Post	5.39	
34 71 13 26-0156	LF	Reset Box Beam Guide Rail	15.74	
34 71 13 26-0157		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
34 71 13 26-0158		**Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0157)*		
34 71 13 26-0159		**Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0158)*		
34 71 13 26-0160	LF	Box Beam Median Barrier Galvanized Excludes Splices	172.10	12.28
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0161	LF	Box Beam Median Barrier (Rustic) Excludes Splices	186.93	12.28
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0162		**Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0158)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0163	LF	Shop Curved Box Beam Median Barrier Galvanized Note: Excludes splices.	211.07	12.28
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0164	LF	Shop Curved Box Beam Median Barrier Rustic Note: Excludes splices.	259.75	12.28
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0165		**Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0157)* Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0166	EA	Box Beam Median Barrier Type A End Treatment Section, Galvanized Note: Excludes splices and post.	5,552.95	40.93
34 71 13 26-0167	EA	Box Beam Median Barrier Type A End Treatment Section (Rustic) Note: Excludes splices and post.	5,682.70	40.93
34 71 13 26-0168	EA	Box Beam Median Barrier Type B End Treatment Section, Galvanized Note: Excludes splices and post.	5,552.95	40.93
34 71 13 26-0169	EA	Box Beam Median Barrier Type B End Treatment Section (Rustic) Note: Excludes splices and post.	5,682.70	40.93
34 71 13 26-0170		**Splices For Box Beam Median Barrier** *(34 71 13 26-0157)*		
34 71 13 26-0171	EA	Splice for Box Beam Median Barrier	400.48	32.75
34 71 13 26-0172	EA	Splice for Box Beam Median Barrier (Rustic)	643.77	32.75
34 71 13 26-0173		**Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0157)* Note: Includes all associated hardware.		
34 71 13 26-0174	EA	Standard Post for Box Beam Median Barrier	338.87	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0175	EA	Standard Post (Rustic) for Box Beam Median Barrier	355.09	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0176	EA	Extra Long Post for Box Beam Median Barrier	371.31	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0177	EA	Extra Long Post (Rustic) for Box Beam Median Barrier	387.53	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0178	EA	Type B End Treatment or Rub Back Anchor Post for Box Beam Note: For median barrier.	306.43	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0179	EA	Type B End Treatment or Rub Back Anchor Post (Rustic) Note: For box beam median barrier.	306.43	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0180	EA	Type I End Assembly Post for Box Beam Median Barrier to Concrete Note: For median barrier transition.	371.31	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0181	EA	Type I End Assembly Post (Rustic) for Box Beam Median Barrier Note: For Concrete median barrier transition.	387.53	59.51
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.87*	
34 71 13 26-0182		**Box Beam Median Barrier Accessories** *(34 71 13 26-0157)*		
34 71 13 26-0183	EA	Box Beam Median Barrier End Cover Plate	246.39	28.82
34 71 13 26-0184	EA	Box Beam Median Barrier End Cover Plate (Rustic)	262.61	28.82
34 71 13 26-0185		**Box Beam Median Barrier Repair, And Resetting** *(34 71 13 26-0157)* Note: For existing guide rail.		
34 71 13 26-0186	LF	Removal And Storage Of Box Beam Median Barrier and Posts	5.57	
34 71 13 26-0187	LF	Reset Box Beam Median Barrier	16.47	
34 71 13 26-0188		**Universal Guide Rail Items** *(34 71 13 26)*		
34 71 13 26-0189		**Guide Rail Concrete Anchor Units For All Types Of Guide Rail** *(34 71 13 26-0188)* Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0190	CY	Guide Rail Concrete Anchor Unit	919.64	
		For Each Additional Set Of Anchor Rods, Add	*38.00*	
34 71 13 26-0191	EA	Reset Existing Anchorage Unit for All Types of Guide Rail Note: Includes excavation and backfill.	625.90	
34 71 13 26-0192	EA	Removal Of Guide Rail Concrete Anchor Unit	642.89	
34 71 13 26-0193		**Guide Rail Repair For All Types Of Existing Guide Rail** *(34 71 13 26-0188)* Note: Includes associated hardware.		
34 71 13 26-0194	EA	Straighten And Reset Driven Post For Guide Rail	79.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0195	EA	Straighten And Reset Post Mounted On Concrete For Guide Rail Note: With base plate for guide rail. Includes new anchor bolts.	102.72	
34 71 13 26-0196		**Additional Wood and Steel Posts** *(34 71 13 26-0188)*		
34 71 13 26-0197	LF	4" x 6" Wood Post	103.54	19.88
		For Installation In Rock, Add	*5.30*	
34 71 13 26-0198	LF	6" x 8" Wood Post	127.87	19.88
		For Installation In Rock, Add	*5.30*	
34 71 13 26-0199	LF	6" x 7/8" Galvanized Steel Post	72.46	19.88
		For Installation In Rock, Add	*5.30*	
34 71 13 26-0200	EA	Base Plate With Anchor Bolts For Mounting Post On Concrete	770.18	19.88
34 71 13 26-0201		**Accessories For All Types of Guide Rail** *(34 71 13 26-0188)*		
34 71 13 26-0202	EA	Reflector For Guard Rail	101.90	
34 71 13 26-0203		**Guide Rail Transitions** *(34 71 13 26)*		
34 71 13 26-0204		**Transition Box Beam Guide Rail To Corrugated Beam** *(34 71 13 26-0203)*		
34 71 13 26-0205	EA	Box Beam To Corrugated Beam Rail Bolted Section	1,337.71	
34 71 13 26-0206	EA	Box Beam To Corrugated Beam Rail Bolted Plate Note: For making cable connections.	688.94	
34 71 13 26-0207		**Transition Box Beam Median Barrier To Corrugated Beam Median** *(34 71 13 26-0203)*		
34 71 13 26-0208	EA	Box Beam Median Barrier To Corrugated Beam Bolted Section	1,370.15	
34 71 13 26-0209	EA	Box Beam Median Barrier To Corrugated Beam Harness Plate Note: For making cable connections.	688.94	
34 71 13 26-0210		**Transition Box Beam Guide Rail To Cable Guide Rail** *(34 71 13 26-0203)*		
34 71 13 26-0211	EA	Box Beam to Cable Guide Rail U-bolt And Plate	198.65	21.83
34 71 13 26-0212		**Transition Box Beam Median Barrier To Concrete Median Barrier** *(34 71 13 26-0203)*		
34 71 13 26-0213	EA	Box Beam Median Barrier To Concrete Barrier End Connection	1,986.49	
34 71 13 26-0214		**Transition Thrie Beam To Concrete Median Barrier** *(34 71 13 26-0203)*		
34 71 13 26-0215	EA	Thrie Beam Terminal Connector At Concrete Median Barrier	1,175.52	
34 71 13 26-0216	EA	Thrie Beam Transition Section To Corrugated Beam Guide Rail	1,581.01	
34 71 13 26-0217		**Resilient Guard Fence And Light Shield** *(34 71 13 26)*		
34 71 13 26-0218	LF	Resilient Guard Fence And Light Shield, Up To 6' High	85.90	8.39
34 71 13 26-0219		**Individual Concrete Guard Rail Posts** *(34 71 13 26)*		
34 71 13 26-0220	EA	6'-5" Concrete Guard Rail Posts, Round	99.53	8.39
34 71 13 26-0221	EA	6'-5" Concrete Posts, Square	111.38	9.45
34 71 13 26-0222	EA	6'-5" Concrete Posts, Triangular	108.52	9.45
34 71 16		**Impact Attenuating Devices** *(34 71)*		
34 71 16 00-0001		**Guard Rail Energy Absorbing Terminals** *(34 71 16)* Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. One Bay consists of one Cartridge, one Diaphragm, and two Fender Panels. The Nose section is not considered a Bay, though there is a Cartridge in the Nose of each system. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
34 71 16 00-0002		**24" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	40,249.78	4,014.82
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	55,919.17	5,353.10
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	76,341.55	7,025.94
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	84,775.73	8,698.78
34 71 16 00-0007		**30" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	43,324.02	4,516.68
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	60,374.66	6,022.24
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	82,882.05	8,029.65
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	94,874.87	9,702.49
34 71 16 00-0012		**36" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)* Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	46,434.20	5,018.53
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	64,865.24	6,691.37
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	88,719.35	8,866.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	104,936.99	10,706.19
34 71 16 00-0017		69" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	50,274.32	5,520.39
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	69,640.36	7,360.51
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	95,693.08	9,702.49
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	112,649.75	11,709.90
34 71 16 00-0022		90" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
		Note: Includes nose section, cartridge bays, side fender panels, posts and anchor plates.		
34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	54,220.36	6,022.24
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	74,539.95	8,029.65
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	103,585.18	10,706.19
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	120,580.99	12,713.60
34 71 19		**Vehicle Delineators** *(34 71)*		
34 71 19 16		**Flexible Vehicle Delineators** *(34 71 19)*		
34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator	102.79	10.50
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator	104.18	10.50
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	105.58	10.50
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator	106.97	10.50
34 80		**Bridges** *(34)*		
34 82		**Bridge Specialties** *(34 80)*		
34 82 23		**Bridge Railing** *(34 82)*		
34 82 23 00-0001		Metal Bridge Railing *(34 82 23)*		
		Note: Includes hardware for bridge rail mounting.		
34 82 23 00-0002	LF	2" x 2" x 1/8" Bridge Railing	45.92	3.99
34 82 23 00-0003	LF	3" x 3" x 5/16" Bridge Railing	83.37	6.22
34 82 23 00-0004	LF	5" x 3" x 1/4" Bridge Railing	104.61	9.12
34 82 23 00-0005	LF	6" x 6" x 3/16" Bridge Railing	136.42	11.47
34 82 23 00-0006	LF	5" Outside Diameter x 1/4" Bridge Railing	112.11	8.85
34 82 23 00-0007		Bridge Post *(34 82 23)*		
		Note: Includes hardware for bridge post mounting.		
34 82 23 00-0008	EA	6" x 9" x 5'-6" Bridge Post	223.44	58.06
34 82 23 00-0009	EA	6" x 9" x 7' Bridge Post	287.53	61.70
34 82 23 00-0010	EA	Two Rail With Base Plate Bridge Post Assembly	692.59	108.87
34 82 23 00-0011	EA	Two Rail With Curb Bridge Post Assembly	866.46	116.13
34 82 23 00-0012	EA	Two Rail (Curbless) Bridge Post Assembly	781.37	116.13
34 82 23 00-0013	EA	Two Rail With Optional Handrail Bridge Post Assembly	962.49	116.13
34 82 23 00-0014	EA	Three Rail With Base Plate Bridge Post Assembly	714.95	116.13
34 82 23 00-0015	EA	Three Rail With Curb Bridge Post Assembly	1,009.03	119.77
34 82 23 00-0016	EA	Three Rail (Curbless) Bridge Post Assembly	986.60	119.77
34 82 23 00-0017	EA	Three Rail With Optional Handrail Bridge Post Assembly	1,241.28	119.77
34 82 23 00-0018	EA	Four Rail (Curbless) With Base Plate Bridge Post	800.27	123.40
34 82 23 00-0019	EA	Four Rail With Base Plate (Sidewalk Type) Bridge Post	800.51	123.40
34 82 23 00-0020	EA	Four Rail With Curb Bridge Post Assembly	1,255.71	123.40
34 82 23 00-0021	EA	Four Rail (Curbless) Bridge Post Assembly	1,292.69	123.40
34 82 23 00-0022	EA	Five Rail With Base Plate (Curbless) Bridge Post Assembly	896.22	130.65
34 82 23 00-0023		Bridge Railing Splices *(34 82 23)*		
		Note: Includes hardware for splices.		
34 82 23 00-0024	EA	5" Outside Diameter Bridge Railing Splice	395.35	28.06
34 82 23 00-0025	EA	5" x 3" Bridge Railing Splice	227.72	24.55
34 82 23 00-0026	EA	3" x 3" Bridge Railing Splice	137.84	17.54
34 82 23 00-0027	EA	2" x 2" Bridge Railing Splice	66.73	12.63
34 82 23 00-0028	EA	5" x 5" x 3' Expansion Splice Tube	294.71	27.13
34 82 23 00-0029	EA	4" x 2" x 3' Expansion Splice Bar	315.50	27.13
34 82 23 00-0030	EA	5" x 5" x 2' Fixed Splice Tube	267.36	27.13
34 82 23 00-0031	EA	4" x 2" x 2' Fixed Splice Bar	274.88	27.13
34 82 23 00-0032	EA	6" x 6' x 3/16" Box x 9' Flare Tube	397.91	36.64
34 82 23 00-0033		Transition For Bridge Railing *(34 82 23)*		
		Note: Includes hardware for transition for bridge railing.		
34 82 23 00-0034	EA	Two Rail Box Beam To Bridge Transition With Splices	1,624.35	145.17
34 82 23 00-0035	EA	Three Rail Box Beam To Bridge Transition With Splices	1,730.41	152.42
34 82 23 00-0036	EA	Four Rail Box Beam To Bridge Transition With Splices	2,033.42	159.68
34 82 23 00-0037	EA	6" x 6" x 16-1/2' Bottom Transition Tube	676.49	72.59
34 82 23 00-0038	EA	6" x 6" x 22' Bottom Transition Tube	842.29	79.84
34 82 23 00-0039	EA	8" x 6" x 16-1/2' Bottom Transition Tube	798.88	72.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 82 23 00-0040	EA	6" x 6" x 16-1/2' Top Transition Tube	694.89	72.59
34 82 23 00-0041	EA	6" x 6" x 21-1/2' Top Transition Tube	827.09	79.84
34 82 23 00-0042	EA	8" x 6" x 16-1/2' Top Transition Tube	821.71	72.59
34 82 23 00-0043	EA	6" x 6" x 16-1/2' Middle Transition Tube	651.27	72.59
34 82 23 00-0044	EA	8" x 6" x 16-1/2' Middle Transition Tube	810.29	72.59

34 82 23 00-0045 Anchor Plates And End Caps For Bridge Railing *(34 82 23)*

34 82 23 00-0046	EA	14" x 14" Bridge Railing Anchor Plate	72.21	7.02
34 82 23 00-0047	EA	18" x 22" Deck Anchor Plate	441.56	35.06
34 82 23 00-0048	EA	2" x 2" Bridge Railing End Cap	60.35	3.51
34 82 23 00-0049	EA	3" x 3" Bridge Railing End Cap	36.72	3.51
34 82 23 00-0050	EA	5" O.D Bridge Railing End Cap	36.44	3.51

34 82 26 Bridge Slope Protection *(34 82)*

34 82 26 00-0001 Bridge Slope Protection *(34 82 26)*

Note: Solid concrete masonry unit installed in sand bedding.

34 82 26 00-0002	SF	8" x 16" x 4" Solid Concrete Block, Bridge Slope Protection	15.04	5.58
34 82 26 00-0003	SF	8" x 16" x 6" Solid Concrete Block, Bridge Slope Protection	18.06	6.15
34 82 26 00-0004	SF	8" x 16" x 8" Solid Concrete Block, Bridge Slope Protection	20.05	6.54

END OF SECTION 34

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

35 Waterway and Marine Construction

35 05 Common Work Results for Waterway and Marine Construction *(35)*

35 05 70 Common Work Results for Dams *(35 05)*

35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

35 05 70 00-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes)	43.25	
35 05 70 00-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage)	85.90	
35 05 70 00-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage)	126.04	
35 05 70 00-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material	140.57	

35 20 Waterway and Marine Construction and Equipment *(35)*

35 22 Hydraulic Gates *(35 20)*

35 22 26 Sluice Gates *(35 22)*

35 22 26 00-0001 Heavy-Duty Cast Iron Sluice Gates Self Contained *(35 22 26)*

Note: Includes crank operated geared gate lift, anchor bolts, and grouting.

35 22 26 00-0002	EA	18" x 18" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	11,366.83	1,312.83
		For Electric Motor Operated Valve, Add	*1,112.58*	
35 22 26 00-0003	EA	24" x 24" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	16,277.49	1,969.32
		For Electric Motor Operated Valve, Add	*1,243.86*	
35 22 26 00-0004	EA	30" x 30" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	19,719.08	2,250.65
		For Electric Motor Operated Valve, Add	*1,300.13*	
35 22 26 00-0005	EA	36" x 36" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	22,491.69	2,461.65
		For Electric Motor Operated Valve, Add	*1,342.33*	
35 22 26 00-0006	EA	42" x 42" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	25,240.09	2,813.32
		For Electric Motor Operated Valve, Add	*1,412.66*	
35 22 26 00-0007	EA	48" x 48" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	35,333.62	4,501.30
		For Electric Motor Operated Valve, Add	*1,750.26*	
35 22 26 00-0008	EA	54" x 54" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	47,094.48	5,626.62
		For Electric Motor Operated Valve, Add	*1,975.33*	
35 22 26 00-0009	EA	60" x 60" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	54,899.47	7,455.28
		For Electric Motor Operated Valve, Add	*2,341.06*	
35 22 26 00-0010	EA	66" x 66" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	68,322.53	9,846.59
		For Electric Motor Operated Valve, Add	*2,819.32*	
35 22 26 00-0011	EA	72" x 72" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	71,700.13	11,253.25
		For Electric Motor Operated Valve, Add	*3,100.65*	
35 22 26 00-0012	EA	78" x 78" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	80,480.73	11,253.25
		For Electric Motor Operated Valve, Add	*3,500.65*	
35 22 26 00-0013	EA	84" x 84" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	93,361.36	12,659.91
		For Electric Motor Operated Valve, Add	*3,781.98*	
35 22 26 00-0014	EA	90" x 90" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	112,157.15	14,483.05
		For Electric Motor Operated Valve, Add	*4,146.61*	
35 22 26 00-0015	EA	96" x 96" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	126,504.30	15,172.72
		For Electric Motor Operated Valve, Add	*4,284.54*	
35 22 26 00-0016	EA	108" x 108" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	156,828.72	17,931.39
		For Electric Motor Operated Valve, Add	*4,836.28*	
35 22 26 00-0017	EA	120" x 120" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	193,757.62	22,069.41
		For Electric Motor Operated Valve, Add	*5,663.88*	
35 22 26 00-0018	EA	132" x 132" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	236,553.87	24,828.09
		For Electric Motor Operated Valve, Add	*6,215.62*	

35 22 59 Hydraulic Closure Gates *(35 22)*

35 22 59 00-0001 Steel Slide Gates Self Contained *(35 22 59)*

Note: Includes anchors and bolts.

35 22 59 00-0002	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,906.39	492.33
		For Electric Motor Operated Valve, Add	*948.47*	
35 22 59 00-0003	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,213.63	562.66
		For Electric Motor Operated Valve, Add	*962.53*	
35 22 59 00-0004	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,947.70	656.49
		For Electric Motor Operated Valve, Add	*981.29*	
35 22 59 00-0005	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	7,187.70	787.72
		For Electric Motor Operated Valve, Add	*1,007.55*	
35 22 59 00-0006	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,200.07	984.66
		For Electric Motor Operated Valve, Add	*1,046.93*	
35 22 59 00-0007	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	10,770.86	1,312.83
		For Electric Motor Operated Valve, Add	*1,112.58*	
35 22 59 00-0008	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	14,753.23	1,969.32
		For Electric Motor Operated Valve, Add	*1,243.86*	
35 22 59 00-0009	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	22,437.89	2,461.65
		For Electric Motor Operated Valve, Add	*1,342.33*	
35 22 59 00-0010	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	29,212.18	3,938.64
		For Electric Motor Operated Valve, Add	*1,637.73*	
35 22 59 00-0011	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	37,106.92	6,564.44
		For Electric Motor Operated Valve, Add	*2,162.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0012	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	1,029.20	181.46
		For Electric Motor Operated Valve, Add	*1,586.29*	

35 22 59 00-0013 Stainless Steel, Slide Gates, Frame Assembly Only *(35 22 59)*

35 22 59 00-0014	EA	24" x 24" Stainless Steel Slide Gate, Frame Assembly Only	19,644.12	642.84
35 22 59 00-0015	EA	30" x 30" Stainless Steel Slide Gate, Frame Assembly Only	24,288.93	803.20
35 22 59 00-0016	EA	36" x 36" Stainless Steel Slide Gate, Frame Assembly Only	30,975.53	979.04
35 22 59 00-0017	EA	48" x 48" Stainless Steel Slide Gate, Frame Assembly Only	47,283.65	1,875.08
35 22 59 00-0018	EA	60" x 60" Stainless Steel Slide Gate, Frame Assembly Only	69,677.77	4,091.96
35 22 59 00-0019	EA	72" x 72" Stainless Steel Slide Gate, Frame Assembly Only	91,551.56	6,251.18
35 22 59 00-0020	EA	84" x 84" Stainless Steel Slide Gate, Frame Assembly Only	138,292.53	7,815.38
35 22 59 00-0021	Day	Start Up And Training, Stainless Steel Slide Gate, Frame Assembly	3,679.35	

35 22 59 00-0022 Aluminum Flap Gates *(35 22 59)*

35 22 59 00-0023	EA	18" Diameter Aluminum Flap Gates	3,786.12	492.33
		For Electric Motor Operated Valve, Add	*948.47*	
35 22 59 00-0024	EA	20" Diameter Aluminum Flap Gates	4,214.69	527.49
		For Electric Motor Operated Valve, Add	*955.49*	
35 22 59 00-0025	EA	24" Diameter Aluminum Flap Gates	4,639.45	562.66
		For Electric Motor Operated Valve, Add	*962.53*	
35 22 59 00-0026	EA	30" Diameter Aluminum Flap Gates	6,293.85	656.49
		For Electric Motor Operated Valve, Add	*981.29*	
35 22 59 00-0027	EA	36" Diameter Aluminum Flap Gates	7,803.50	787.72
		For Electric Motor Operated Valve, Add	*1,007.55*	
35 22 59 00-0028	EA	42" Diameter Aluminum Flap Gates	11,050.43	984.66
		For Electric Motor Operated Valve, Add	*1,046.93*	
35 22 59 00-0029	EA	48" Diameter Aluminum Flap Gates	13,979.43	1,312.83
		For Electric Motor Operated Valve, Add	*1,112.58*	
35 22 59 00-0030	EA	54" Diameter Aluminum Flap Gates	18,075.80	1,969.32
		For Electric Motor Operated Valve, Add	*1,243.86*	
35 22 59 00-0031	EA	60" Diameter Aluminum Flap Gates	23,886.74	2,813.32
		For Electric Motor Operated Valve, Add	*1,412.66*	
35 22 59 00-0032	EA	66" Diameter Aluminum Flap Gates	30,878.44	3,938.64
		For Electric Motor Operated Valve, Add	*1,637.73*	
35 22 59 00-0033	EA	72" Diameter Aluminum Flap Gates	38,481.32	5,626.62
		For Electric Motor Operated Valve, Add	*1,975.33*	

35 22 59 00-0034 Stainless Steel Flap Gates *(35 22 59)*

35 22 59 00-0035	EA	12" x 12" Stainless Steel Flap Gate	7,937.40	421.99
		For Electric Motor Operated Valve, Add	*934.40*	
35 22 59 00-0036	EA	18" x 18" Stainless Steel Flap Gate	10,169.48	492.33
		For Electric Motor Operated Valve, Add	*948.47*	
35 22 59 00-0037	EA	24" x 24" Stainless Steel Flap Gate	13,108.38	562.66
		For Electric Motor Operated Valve, Add	*962.53*	
35 22 59 00-0038	EA	30" x 30" Stainless Steel Flap Gate	17,066.31	656.91
		For Electric Motor Operated Valve, Add	*981.29*	
35 22 59 00-0039	EA	36" x 36" Stainless Steel Flap Gate	25,332.44	787.72
		For Electric Motor Operated Valve, Add	*1,007.55*	
35 22 59 00-0040	EA	48" x 48" Stainless Steel Flap Gate	37,105.14	1,312.41
		For Electric Motor Operated Valve, Add	*1,112.58*	
35 22 59 00-0041	EA	60" x 60" Stainless Steel Flap Gate	56,837.36	2,813.32
		For Electric Motor Operated Valve, Add	*1,412.66*	
35 22 59 00-0042	EA	72" x 72" Stainless Steel Flap Gate	82,380.89	5,626.62
		For Electric Motor Operated Valve, Add	*1,975.33*	
35 22 59 00-0043	EA	84" x 84" Stainless Steel Flap Gate	118,398.11	11,253.25
		For Electric Motor Operated Valve, Add	*3,100.65*	

35 22 59 00-0044 Cast Iron Flap Gates *(35 22 59)*

35 22 59 00-0045	EA	12" x 12" Cast Iron Flap Gate	14,082.79	527.49
		For Electric Motor Operated Valve, Add	*955.50*	
35 22 59 00-0046	EA	18" x 18" Cast Iron Flap Gate	19,792.17	616.12
		For Electric Motor Operated Valve, Add	*973.08*	
35 22 59 00-0047	EA	24" x 24" Cast Iron Flap Gate	25,274.02	703.33
		For Electric Motor Operated Valve, Add	*990.67*	
35 22 59 00-0048	EA	30" x 30" Cast Iron Flap Gate	35,452.38	820.08
		For Electric Motor Operated Valve, Add	*1,014.11*	
35 22 59 00-0049	EA	36" x 36" Cast Iron Flap Gate	40,031.23	984.66
		For Electric Motor Operated Valve, Add	*1,046.93*	
35 22 59 00-0050	EA	48" x 48" Cast Iron Flap Gate	49,734.00	1,641.57
		For Electric Motor Operated Valve, Add	*1,178.22*	
35 22 59 00-0051	EA	60" x 60" Cast Iron Flap Gate	85,135.55	3,094.64
		For Electric Motor Operated Valve, Add	*1,468.93*	
35 22 59 00-0052	EA	72" x 72" Cast Iron Flap Gate	135,549.13	6,048.62
		For Electric Motor Operated Valve, Add	*2,059.73*	
35 22 59 00-0053	EA	84" x 84" Cast Iron Flap Gate	157,250.33	11,815.91
		For Electric Motor Operated Valve, Add	*3,213.18*	

35 22 59 00-0054 Steel Knife Gates Including Handwheel Operator *(35 22 59)*

Note: ANSI 150 PSI. for hub, flange, or spigot ends.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0055	EA	6" Diameter Knife Gates Including Handwheel Operator For Hub	1,994.03	177.28
		For Electric Motor Operated Valve, Add	*885.46*	
35 22 59 00-0056	EA	8" Diameter Knife Gates Including Handwheel Operator For Hub	2,678.71	206.79
		For Electric Motor Operated Valve, Add	*891.37*	
35 22 59 00-0057	EA	10" Diameter Knife Gates Including Handwheel Operator For Hub	3,765.67	310.24
		For Electric Motor Operated Valve, Add	*912.05*	
35 22 59 00-0058	EA	12" Diameter Knife Gates Including Handwheel Operator For Hub	4,705.96	413.70
		For Electric Motor Operated Valve, Add	*932.73*	
35 22 59 00-0059	EA	14" Diameter Knife Gates Including Handwheel Operator For Hub	5,761.67	443.20
		For Electric Motor Operated Valve, Add	*938.64*	
35 22 59 00-0060	EA	16" Diameter Knife Gates Including Handwheel Operator For Hub	7,452.07	477.26
		For Electric Motor Operated Valve, Add	*945.46*	
35 22 59 00-0061	EA	18" Diameter Knife Gates Including Handwheel Operator For Hub	9,897.69	496.38
		For Electric Motor Operated Valve, Add	*949.28*	
35 22 59 00-0062	EA	20" Diameter Knife Gates Including Handwheel Operator For Hub	12,371.47	564.13
		For Electric Motor Operated Valve, Add	*962.81*	
35 22 59 00-0063	EA	24" Diameter Knife Gates Including Handwheel Operator For Hub	15,853.83	620.47
		For Electric Motor Operated Valve, Add	*974.10*	
35 22 59 00-0064	EA	30" Diameter Knife Gates Including Handwheel Operator For Hub	28,835.33	827.26
		For Electric Motor Operated Valve, Add	*1,015.46*	
35 22 59 00-0065	EA	36" Diameter Knife Gates Including Handwheel Operator For Hub	38,373.42	1,240.96
		For Electric Motor Operated Valve, Add	*1,098.19*	

35 22 59 00-0066 Steel Hollow Jet Flow Gate Valve *(35 22 59)*

35 22 59 00-0067	EA	6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	1,864.05	196.93
		For Electric Motor Operated Valve, Add	*889.39*	
35 22 59 00-0068	EA	8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	2,879.54	229.99
		For Electric Motor Operated Valve, Add	*896.00*	
35 22 59 00-0069	EA	10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,463.85	344.63
		For Electric Motor Operated Valve, Add	*918.93*	
35 22 59 00-0070	EA	12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	4,417.82	459.28
		For Electric Motor Operated Valve, Add	*941.87*	
35 22 59 00-0071	EA	14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	6,632.07	492.33
		For Electric Motor Operated Valve, Add	*948.47*	
35 22 59 00-0072	EA	16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	7,993.72	530.31
		For Electric Motor Operated Valve, Add	*956.06*	
35 22 59 00-0073	EA	18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	13,406.75	551.40
		For Electric Motor Operated Valve, Add	*960.29*	
35 22 59 00-0074	EA	20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	16,855.64	626.67
		For Electric Motor Operated Valve, Add	*975.34*	
35 22 59 00-0075	EA	24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	24,223.30	689.26
		For Electric Motor Operated Valve, Add	*987.87*	
35 22 59 00-0076	EA	30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	29,679.44	919.25
		For Electric Motor Operated Valve, Add	*1,033.84*	
35 22 59 00-0077	EA	36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	42,358.99	1,378.53
		For Electric Motor Operated Valve, Add	*1,125.66*	
35 22 59 00-0078	EA	42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	50,487.31	1,687.98
		For Electric Motor Operated Valve, Add	*1,587.68*	
35 22 59 00-0079	EA	48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	59,865.58	1,969.32
		For Electric Motor Operated Valve, Add	*1,643.86*	
35 22 59 00-0080	EA	54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	78,828.65	2,461.65
		For Electric Motor Operated Valve, Add	*1,742.33*	
35 22 59 00-0081	EA	60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	87,811.57	2,953.97
		For Electric Motor Operated Valve, Add	*1,841.03*	
35 22 59 00-0082	EA	66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	112,086.18	4,079.31
		For Electric Motor Operated Valve, Add	*2,066.47*	

35 22 59 00-0083 Steel Dish Head Valve *(35 22 59)*

35 22 59 00-0084	EA	12" Diameter Dish Head Valve	2,385.85	492.33
35 22 59 00-0085	EA	18" Diameter Dish Head Valve	3,431.34	562.66
35 22 59 00-0086	EA	20" Diameter Dish Head Valve	3,949.21	615.41
35 22 59 00-0087	EA	24" Diameter Dish Head Valve	4,647.81	656.49
35 22 59 00-0088	EA	30" Diameter Dish Head Valve	6,957.89	787.72
35 22 59 00-0089	EA	36" Diameter Dish Head Valve	8,577.14	984.66
35 22 59 00-0090	EA	42" Diameter Dish Head Valve	14,352.32	1,312.83
35 22 59 00-0091	EA	48" Diameter Dish Head Valve	18,808.82	1,969.32
35 22 59 00-0092	EA	54" Diameter Dish Head Valve	26,696.02	2,461.65
35 22 59 00-0093	EA	60" Diameter Dish Head Valve	34,411.97	3,938.64
35 22 59 00-0094	EA	66" Diameter Dish Head Valve	47,590.80	4,923.30
35 22 59 00-0095	EA	72" Diameter Dish Head Valve	58,028.89	6,564.44

35 22 63 Through-Levee Access Gates *(35 22)*

35 22 63 00-0001 Cast Iron Canal Gates *(35 22 63)*

35 22 63 00-0002	EA	12" Diameter Cast Iron Canal Gates With Fabricated Frame	3,137.92	492.33
		For Electric Motor Operated Valve, Add	*948.47*	
35 22 63 00-0003	EA	18" Diameter Cast Iron Canal Gates With Fabricated Frame	4,669.06	562.66
		For Electric Motor Operated Valve, Add	*962.53*	
35 22 63 00-0004	EA	20" Diameter Cast Iron Canal Gates With Fabricated Frame	5,356.16	615.41
		For Electric Motor Operated Valve, Add	*973.08*	
35 22 63 00-0005	EA	24" Diameter Cast Iron Canal Gates With Fabricated Frame	6,437.80	656.49
		For Electric Motor Operated Valve, Add	*981.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 63 00-0006	EA	30" Diameter Cast Iron Canal Gates With Fabricated Frame	9,846.84	787.72
		For Electric Motor Operated Valve, Add	*1,007.55*	
35 22 63 00-0007	EA	36" Diameter Cast Iron Canal Gates With Fabricated Frame	12,123.81	984.66
		For Electric Motor Operated Valve, Add	*1,046.93*	
35 22 63 00-0008	EA	42" Diameter Cast Iron Canal Gates With Fabricated Frame	20,646.40	1,312.83
		For Electric Motor Operated Valve, Add	*1,112.58*	
35 22 63 00-0009	EA	48" Diameter Cast Iron Canal Gates With Fabricated Frame	26,790.21	1,969.32
		For Electric Motor Operated Valve, Add	*1,243.86*	
35 22 63 00-0010	EA	54" Diameter Cast Iron Canal Gates With Fabricated Frame	38,382.25	2,461.65
		For Electric Motor Operated Valve, Add	*1,342.33*	
35 22 63 00-0011	EA	60" Diameter Cast Iron Canal Gates With Fabricated Frame	48,654.14	3,938.64
		For Electric Motor Operated Valve, Add	*1,637.73*	
35 22 63 00-0012	EA	66" Diameter Cast Iron Canal Gates With Fabricated Frame	67,849.53	4,923.30
		For Electric Motor Operated Valve, Add	*1,834.66*	
35 22 63 00-0013	EA	72" Diameter Cast Iron Canal Gates With Fabricated Frame	80,252.91	5,626.62
		For Electric Motor Operated Valve, Add	*1,975.33*	

35 24 Dredging *(35 20)*

35 24 23 Clamshell Dredging *(35 24)*

35 24 23 00-0001 Dredging, Barge Mounted *(35 24 23)*

See CSI section 01 74 19 00-0041 for hauling material from shore or barge, 31 23 16 33-0019 for loading.

35 24 23 00-0002	EA	Dredge Excavation Mobilization And Demobilization	25,700.36
		For Inlet Rivers And Canals, Deduct	*-6,425.09*
35 24 23 00-0003	CY	Barge Mounted Clamshell Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	28.56
35 24 23 00-0004	CY	Barge Mounted Dragline Or Clamshell, Hopper Dumped, Pumped 1,000' To Shore Note: Includes tugboat to move barge.	25.70
35 24 23 00-0005	CY	Hydraulic Dredge Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	28.45
35 24 23 00-0006	CY	Hydraulic Dredge Excavation, Pumped 1,000' To Shore Note: Includes tugboat to move barge.	23.87

35 24 26 Backhoe/Dipper Dredging *(35 24)*

35 24 26 00-0001 Dredging, Shoreline Excavators *(35 24 26)*

35 24 26 00-0002	CY	Back Hoe, 1 CY Bucket, Dredging From Shore	16.87
35 24 26 00-0003	CY	Hydraulic Excavator, 2 CY Bucket, Dredging From Shore	11.16

END OF SECTION 35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	971.99	239.03
		For Class 52 Rating, Deduct	*-67.08*	
		For Class 54 Rating, Add	*95.82*	
		For Class 55 Rating, Add	*144.68*	
		For Class 56 Rating, Add	*192.94*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,043.57	243.20
		For Class 52 Rating, Deduct	*-74.26*	
		For Class 54 Rating, Add	*105.68*	
		For Class 55 Rating, Add	*159.39*	
		For Class 56 Rating, Add	*212.41*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,115.15	247.38
		For Class 52 Rating, Deduct	*-81.44*	
		For Class 54 Rating, Add	*115.55*	
		For Class 55 Rating, Add	*174.09*	
		For Class 56 Rating, Add	*231.89*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,186.73	251.56
		For Class 52 Rating, Deduct	*-88.61*	
		For Class 54 Rating, Add	*125.41*	
		For Class 55 Rating, Add	*188.79*	
		For Class 56 Rating, Add	*251.37*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,258.31	255.73
		For Class 52 Rating, Deduct	*-95.79*	
		For Class 54 Rating, Add	*135.27*	
		For Class 55 Rating, Add	*203.49*	
		For Class 56 Rating, Add	*270.84*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,329.90	259.92
		For Class 52 Rating, Deduct	*-102.97*	
		For Class 54 Rating, Add	*145.14*	
		For Class 55 Rating, Add	*218.20*	
		For Class 56 Rating, Add	*290.32*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,401.48	264.10
		For Class 52 Rating, Deduct	*-110.15*	
		For Class 54 Rating, Add	*155.00*	
		For Class 55 Rating, Add	*232.90*	
		For Class 56 Rating, Add	*309.80*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,473.06	268.27
		For Class 52 Rating, Deduct	*-117.32*	
		For Class 54 Rating, Add	*164.86*	
		For Class 55 Rating, Add	*247.60*	
		For Class 56 Rating, Add	*329.27*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,544.64	272.45
		For Class 52 Rating, Deduct	*-124.50*	
		For Class 54 Rating, Add	*174.73*	
		For Class 55 Rating, Add	*262.31*	
		For Class 56 Rating, Add	*348.75*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,616.22	276.64
		For Class 52 Rating, Deduct	*-131.68*	
		For Class 54 Rating, Add	*184.59*	
		For Class 55 Rating, Add	*277.01*	
		For Class 56 Rating, Add	*368.23*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,687.80	280.81
		For Class 52 Rating, Deduct	*-138.86*	
		For Class 54 Rating, Add	*194.46*	
		For Class 55 Rating, Add	*291.71*	
		For Class 56 Rating, Add	*387.70*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,759.39	284.99
		For Class 52 Rating, Deduct	*-146.03*	
		For Class 54 Rating, Add	*204.32*	
		For Class 55 Rating, Add	*306.41*	
		For Class 56 Rating, Add	*407.18*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,830.97	289.17
		For Class 52 Rating, Deduct	*-153.21*	
		For Class 54 Rating, Add	*214.18*	
		For Class 55 Rating, Add	*321.12*	
		For Class 56 Rating, Add	*426.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,902.55	293.34
		For Class 52 Rating, Deduct	*-160.39*	
		For Class 54 Rating, Add	*224.05*	
		For Class 55 Rating, Add	*335.82*	
		For Class 56 Rating, Add	*446.13*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,974.13	297.53
		For Class 52 Rating, Deduct	*-167.57*	
		For Class 54 Rating, Add	*233.91*	
		For Class 55 Rating, Add	*350.52*	
		For Class 56 Rating, Add	*465.61*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,045.71	301.70
		For Class 52 Rating, Deduct	*-174.74*	
		For Class 54 Rating, Add	*243.77*	
		For Class 55 Rating, Add	*365.22*	
		For Class 56 Rating, Add	*485.09*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,117.29	305.88
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.64*	
		For Class 55 Rating, Add	*379.93*	
		For Class 56 Rating, Add	*504.56*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,188.87	310.06
		For Class 52 Rating, Deduct	*-189.10*	
		For Class 54 Rating, Add	*263.50*	
		For Class 55 Rating, Add	*394.63*	
		For Class 56 Rating, Add	*524.04*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,260.46	314.24
		For Class 52 Rating, Deduct	*-196.28*	
		For Class 54 Rating, Add	*273.36*	
		For Class 55 Rating, Add	*409.33*	
		For Class 56 Rating, Add	*543.52*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,332.04	318.42
		For Class 52 Rating, Deduct	*-203.45*	
		For Class 54 Rating, Add	*283.23*	
		For Class 55 Rating, Add	*424.04*	
		For Class 56 Rating, Add	*562.99*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.61	322.60
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*293.09*	
		For Class 55 Rating, Add	*438.74*	
		For Class 56 Rating, Add	*582.47*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,475.19	326.77
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*302.95*	
		For Class 55 Rating, Add	*453.44*	
		For Class 56 Rating, Add	*601.94*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,546.77	330.96
		For Class 52 Rating, Deduct	*-224.99*	
		For Class 54 Rating, Add	*312.82*	
		For Class 55 Rating, Add	*468.14*	
		For Class 56 Rating, Add	*621.42*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,618.34	335.14
		For Class 52 Rating, Deduct	*-232.16*	
		For Class 54 Rating, Add	*322.68*	
		For Class 55 Rating, Add	*482.84*	
		For Class 56 Rating, Add	*640.90*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,689.93	339.31
		For Class 52 Rating, Deduct	*-239.34*	
		For Class 54 Rating, Add	*332.54*	
		For Class 55 Rating, Add	*497.55*	
		For Class 56 Rating, Add	*660.37*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,761.51	343.49
		For Class 52 Rating, Deduct	*-246.52*	
		For Class 54 Rating, Add	*342.41*	
		For Class 55 Rating, Add	*512.25*	
		For Class 56 Rating, Add	*679.85*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,833.09	347.67
		For Class 52 Rating, Deduct	*-253.70*	
		For Class 54 Rating, Add	*352.27*	
		For Class 55 Rating, Add	*526.95*	
		For Class 56 Rating, Add	*699.33*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,904.67	351.85
		For Class 52 Rating, Deduct	*-260.87*	
		For Class 54 Rating, Add	*362.13*	
		For Class 55 Rating, Add	*541.65*	
		For Class 56 Rating, Add	*718.80*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,976.25	356.03
		For Class 52 Rating, Deduct	*-268.05*	
		For Class 54 Rating, Add	*372.00*	
		For Class 55 Rating, Add	*556.36*	
		For Class 56 Rating, Add	*738.28*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,047.83	360.20
		For Class 52 Rating, Deduct	*-275.23*	
		For Class 54 Rating, Add	*381.86*	
		For Class 55 Rating, Add	*571.06*	
		For Class 56 Rating, Add	*757.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,119.42	364.38
		For Class 52 Rating, Deduct	*-282.41*	
		For Class 54 Rating, Add	*391.72*	
		For Class 55 Rating, Add	*585.76*	
		For Class 56 Rating, Add	*777.24*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,191.00	368.57
		For Class 52 Rating, Deduct	*-289.58*	
		For Class 54 Rating, Add	*401.59*	
		For Class 55 Rating, Add	*600.47*	
		For Class 56 Rating, Add	*796.71*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,262.58	372.74
		For Class 52 Rating, Deduct	*-296.76*	
		For Class 54 Rating, Add	*411.45*	
		For Class 55 Rating, Add	*615.17*	
		For Class 56 Rating, Add	*816.19*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,334.16	376.92
		For Class 52 Rating, Deduct	*-303.94*	
		For Class 54 Rating, Add	*421.31*	
		For Class 55 Rating, Add	*629.87*	
		For Class 56 Rating, Add	*835.66*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,405.74	381.10
		For Class 52 Rating, Deduct	*-311.12*	
		For Class 54 Rating, Add	*431.18*	
		For Class 55 Rating, Add	*644.57*	
		For Class 56 Rating, Add	*855.14*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,477.32	385.28
		For Class 52 Rating, Deduct	*-318.29*	
		For Class 54 Rating, Add	*441.04*	
		For Class 55 Rating, Add	*659.28*	
		For Class 56 Rating, Add	*874.62*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,548.90	389.46
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*450.90*	
		For Class 55 Rating, Add	*673.98*	
		For Class 56 Rating, Add	*894.09*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,620.49	393.64
		For Class 52 Rating, Deduct	*-332.65*	
		For Class 54 Rating, Add	*460.77*	
		For Class 55 Rating, Add	*688.68*	
		For Class 56 Rating, Add	*913.57*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,692.07	397.81
		For Class 52 Rating, Deduct	*-339.83*	
		For Class 54 Rating, Add	*470.63*	
		For Class 55 Rating, Add	*703.38*	
		For Class 56 Rating, Add	*933.05*	

40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,231.33	300.86
		For Class 52 Rating, Deduct	*-85.30*	
		For Class 54 Rating, Add	*121.79*	
		For Class 55 Rating, Add	*183.87*	
		For Class 56 Rating, Add	*245.17*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,317.96	305.05
		For Class 52 Rating, Deduct	*-94.13*	
		For Class 54 Rating, Add	*133.91*	
		For Class 55 Rating, Add	*201.93*	
		For Class 56 Rating, Add	*269.09*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,404.61	309.23
		For Class 52 Rating, Deduct	*-102.97*	
		For Class 54 Rating, Add	*146.03*	
		For Class 55 Rating, Add	*219.99*	
		For Class 56 Rating, Add	*293.01*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,491.25	313.40
		For Class 52 Rating, Deduct	*-111.80*	
		For Class 54 Rating, Add	*158.16*	
		For Class 55 Rating, Add	*238.05*	
		For Class 56 Rating, Add	*316.93*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,577.89	317.58
		For Class 52 Rating, Deduct	*-120.64*	
		For Class 54 Rating, Add	*170.28*	
		For Class 55 Rating, Add	*256.11*	
		For Class 56 Rating, Add	*340.85*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,664.52	321.77
		For Class 52 Rating, Deduct	*-129.47*	
		For Class 54 Rating, Add	*182.40*	
		For Class 55 Rating, Add	*274.17*	
		For Class 56 Rating, Add	*364.77*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,751.16	325.94
		For Class 52 Rating, Deduct	*-138.30*	
		For Class 54 Rating, Add	*194.52*	
		For Class 55 Rating, Add	*292.23*	
		For Class 56 Rating, Add	*388.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,837.80	330.12
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*206.65*	
		For Class 55 Rating, Add	*310.29*	
		For Class 56 Rating, Add	*412.60*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,924.44	334.30
		For Class 52 Rating, Deduct	*-155.97*	
		For Class 54 Rating, Add	*218.77*	
		For Class 55 Rating, Add	*328.35*	
		For Class 56 Rating, Add	*436.52*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,011.08	338.48
		For Class 52 Rating, Deduct	*-164.81*	
		For Class 54 Rating, Add	*230.89*	
		For Class 55 Rating, Add	*346.41*	
		For Class 56 Rating, Add	*460.44*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,097.72	342.66
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*243.01*	
		For Class 55 Rating, Add	*364.47*	
		For Class 56 Rating, Add	*484.36*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,184.36	346.83
		For Class 52 Rating, Deduct	*-182.47*	
		For Class 54 Rating, Add	*255.13*	
		For Class 55 Rating, Add	*382.54*	
		For Class 56 Rating, Add	*508.28*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,270.99	351.01
		For Class 52 Rating, Deduct	*-191.31*	
		For Class 54 Rating, Add	*267.25*	
		For Class 55 Rating, Add	*400.59*	
		For Class 56 Rating, Add	*532.20*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,357.63	355.19
		For Class 52 Rating, Deduct	*-200.14*	
		For Class 54 Rating, Add	*279.38*	
		For Class 55 Rating, Add	*418.66*	
		For Class 56 Rating, Add	*556.11*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,444.28	359.37
		For Class 52 Rating, Deduct	*-208.97*	
		For Class 54 Rating, Add	*291.50*	
		For Class 55 Rating, Add	*436.72*	
		For Class 56 Rating, Add	*580.03*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,530.91	363.55
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*303.62*	
		For Class 55 Rating, Add	*454.78*	
		For Class 56 Rating, Add	*603.95*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,617.55	367.73
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*315.74*	
		For Class 55 Rating, Add	*472.84*	
		For Class 56 Rating, Add	*627.87*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,704.19	371.90
		For Class 52 Rating, Deduct	*-235.48*	
		For Class 54 Rating, Add	*327.87*	
		For Class 55 Rating, Add	*490.90*	
		For Class 56 Rating, Add	*651.79*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,790.83	376.09
		For Class 52 Rating, Deduct	*-244.31*	
		For Class 54 Rating, Add	*339.99*	
		For Class 55 Rating, Add	*508.96*	
		For Class 56 Rating, Add	*675.71*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,877.46	380.27
		For Class 52 Rating, Deduct	*-253.14*	
		For Class 54 Rating, Add	*352.11*	
		For Class 55 Rating, Add	*527.02*	
		For Class 56 Rating, Add	*699.63*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,964.09	384.44
		For Class 52 Rating, Deduct	*-261.98*	
		For Class 54 Rating, Add	*364.23*	
		For Class 55 Rating, Add	*545.08*	
		For Class 56 Rating, Add	*723.54*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,050.74	388.62
		For Class 52 Rating, Deduct	*-270.81*	
		For Class 54 Rating, Add	*376.35*	
		For Class 55 Rating, Add	*563.14*	
		For Class 56 Rating, Add	*747.46*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,137.37	392.81
		For Class 52 Rating, Deduct	*-279.64*	
		For Class 54 Rating, Add	*388.47*	
		For Class 55 Rating, Add	*581.20*	
		For Class 56 Rating, Add	*771.38*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,224.01	396.98
		For Class 52 Rating, Deduct	*-288.48*	
		For Class 54 Rating, Add	*400.60*	
		For Class 55 Rating, Add	*599.26*	
		For Class 56 Rating, Add	*795.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,310.65	401.16
		For Class 52 Rating, Deduct	*-297.31*	
		For Class 54 Rating, Add	*412.72*	
		For Class 55 Rating, Add	*617.32*	
		For Class 56 Rating, Add	*819.22*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,397.29	405.33
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*424.84*	
		For Class 55 Rating, Add	*635.38*	
		For Class 56 Rating, Add	*843.14*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,483.92	409.51
		For Class 52 Rating, Deduct	*-314.98*	
		For Class 54 Rating, Add	*436.96*	
		For Class 55 Rating, Add	*653.44*	
		For Class 56 Rating, Add	*867.05*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,570.57	413.70
		For Class 52 Rating, Deduct	*-323.81*	
		For Class 54 Rating, Add	*449.09*	
		For Class 55 Rating, Add	*671.50*	
		For Class 56 Rating, Add	*890.97*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,657.21	417.87
		For Class 52 Rating, Deduct	*-332.65*	
		For Class 54 Rating, Add	*461.21*	
		For Class 55 Rating, Add	*689.56*	
		For Class 56 Rating, Add	*914.89*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,743.85	422.05
		For Class 52 Rating, Deduct	*-341.48*	
		For Class 54 Rating, Add	*473.33*	
		For Class 55 Rating, Add	*707.62*	
		For Class 56 Rating, Add	*938.81*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,830.48	426.23
		For Class 52 Rating, Deduct	*-350.31*	
		For Class 54 Rating, Add	*485.45*	
		For Class 55 Rating, Add	*725.68*	
		For Class 56 Rating, Add	*962.73*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,917.12	430.41
		For Class 52 Rating, Deduct	*-359.15*	
		For Class 54 Rating, Add	*497.57*	
		For Class 55 Rating, Add	*743.74*	
		For Class 56 Rating, Add	*986.65*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,003.76	434.59
		For Class 52 Rating, Deduct	*-367.98*	
		For Class 54 Rating, Add	*509.70*	
		For Class 55 Rating, Add	*761.80*	
		For Class 56 Rating, Add	*1,010.57*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,090.40	438.77
		For Class 52 Rating, Deduct	*-376.82*	
		For Class 54 Rating, Add	*521.82*	
		For Class 55 Rating, Add	*779.86*	
		For Class 56 Rating, Add	*1,034.48*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,177.04	442.94
		For Class 52 Rating, Deduct	*-385.65*	
		For Class 54 Rating, Add	*533.94*	
		For Class 55 Rating, Add	*797.93*	
		For Class 56 Rating, Add	*1,058.40*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,263.68	447.13
		For Class 52 Rating, Deduct	*-394.48*	
		For Class 54 Rating, Add	*546.06*	
		For Class 55 Rating, Add	*815.99*	
		For Class 56 Rating, Add	*1,082.32*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,350.32	451.31
		For Class 52 Rating, Deduct	*-403.32*	
		For Class 54 Rating, Add	*558.18*	
		For Class 55 Rating, Add	*834.05*	
		For Class 56 Rating, Add	*1,106.24*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,436.95	455.48
		For Class 52 Rating, Deduct	*-412.15*	
		For Class 54 Rating, Add	*570.31*	
		For Class 55 Rating, Add	*852.11*	
		For Class 56 Rating, Add	*1,130.16*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,523.59	459.66
		For Class 52 Rating, Deduct	*-420.99*	
		For Class 54 Rating, Add	*582.43*	
		For Class 55 Rating, Add	*870.17*	
		For Class 56 Rating, Add	*1,154.08*	

40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,724.35	384.44
		For Class 52 Rating, Deduct	*-125.61*	
		For Class 54 Rating, Add	*178.27*	
		For Class 55 Rating, Add	*268.62*	
		For Class 56 Rating, Add	*357.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,841.11	388.62
		For Class 52 Rating, Deduct	*-137.75*	
		For Class 54 Rating, Add	*194.91*	
		For Class 55 Rating, Add	*293.39*	
		For Class 56 Rating, Add	*390.62*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,957.86	392.81
		For Class 52 Rating, Deduct	*-149.90*	
		For Class 54 Rating, Add	*211.55*	
		For Class 55 Rating, Add	*318.17*	
		For Class 56 Rating, Add	*423.42*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,074.62	396.98
		For Class 52 Rating, Deduct	*-162.05*	
		For Class 54 Rating, Add	*228.19*	
		For Class 55 Rating, Add	*342.95*	
		For Class 56 Rating, Add	*456.23*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,191.37	401.16
		For Class 52 Rating, Deduct	*-174.19*	
		For Class 54 Rating, Add	*244.83*	
		For Class 55 Rating, Add	*367.72*	
		For Class 56 Rating, Add	*489.03*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,308.12	405.33
		For Class 52 Rating, Deduct	*-186.34*	
		For Class 54 Rating, Add	*261.47*	
		For Class 55 Rating, Add	*392.50*	
		For Class 56 Rating, Add	*521.83*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,424.87	409.51
		For Class 52 Rating, Deduct	*-198.48*	
		For Class 54 Rating, Add	*278.11*	
		For Class 55 Rating, Add	*417.27*	
		For Class 56 Rating, Add	*554.63*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,541.63	413.70
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*294.74*	
		For Class 55 Rating, Add	*442.05*	
		For Class 56 Rating, Add	*587.44*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,658.39	417.87
		For Class 52 Rating, Deduct	*-222.78*	
		For Class 54 Rating, Add	*311.39*	
		For Class 55 Rating, Add	*466.83*	
		For Class 56 Rating, Add	*620.24*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,775.14	422.05
		For Class 52 Rating, Deduct	*-234.92*	
		For Class 54 Rating, Add	*328.02*	
		For Class 55 Rating, Add	*491.60*	
		For Class 56 Rating, Add	*653.04*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,891.89	426.23
		For Class 52 Rating, Deduct	*-247.07*	
		For Class 54 Rating, Add	*344.66*	
		For Class 55 Rating, Add	*516.38*	
		For Class 56 Rating, Add	*685.85*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,008.64	430.41
		For Class 52 Rating, Deduct	*-259.22*	
		For Class 54 Rating, Add	*361.30*	
		For Class 55 Rating, Add	*541.15*	
		For Class 56 Rating, Add	*718.65*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,125.40	434.59
		For Class 52 Rating, Deduct	*-271.36*	
		For Class 54 Rating, Add	*377.94*	
		For Class 55 Rating, Add	*565.93*	
		For Class 56 Rating, Add	*751.45*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,242.16	438.77
		For Class 52 Rating, Deduct	*-283.51*	
		For Class 54 Rating, Add	*394.58*	
		For Class 55 Rating, Add	*590.71*	
		For Class 56 Rating, Add	*784.25*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,358.91	442.94
		For Class 52 Rating, Deduct	*-295.66*	
		For Class 54 Rating, Add	*411.22*	
		For Class 55 Rating, Add	*615.48*	
		For Class 56 Rating, Add	*817.06*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,475.66	447.13
		For Class 52 Rating, Deduct	*-307.80*	
		For Class 54 Rating, Add	*427.86*	
		For Class 55 Rating, Add	*640.26*	
		For Class 56 Rating, Add	*849.86*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,592.42	451.31
		For Class 52 Rating, Deduct	*-319.95*	
		For Class 54 Rating, Add	*444.50*	
		For Class 55 Rating, Add	*665.04*	
		For Class 56 Rating, Add	*882.66*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,709.17	455.48
		For Class 52 Rating, Deduct	*-332.10*	
		For Class 54 Rating, Add	*461.14*	
		For Class 55 Rating, Add	*689.81*	
		For Class 56 Rating, Add	*915.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,825.92	459.66
		For Class 52 Rating, Deduct	*-344.24*	
		For Class 54 Rating, Add	*477.78*	
		For Class 55 Rating, Add	*714.59*	
		For Class 56 Rating, Add	*948.27*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,942.67	463.83
		For Class 52 Rating, Deduct	*-356.39*	
		For Class 54 Rating, Add	*494.42*	
		For Class 55 Rating, Add	*739.36*	
		For Class 56 Rating, Add	*981.07*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,059.44	468.02
		For Class 52 Rating, Deduct	*-368.54*	
		For Class 54 Rating, Add	*511.06*	
		For Class 55 Rating, Add	*764.14*	
		For Class 56 Rating, Add	*1,013.87*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,176.19	472.20
		For Class 52 Rating, Deduct	*-380.68*	
		For Class 54 Rating, Add	*527.70*	
		For Class 55 Rating, Add	*788.92*	
		For Class 56 Rating, Add	*1,046.67*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,292.94	476.37
		For Class 52 Rating, Deduct	*-392.83*	
		For Class 54 Rating, Add	*544.34*	
		For Class 55 Rating, Add	*813.69*	
		For Class 56 Rating, Add	*1,079.48*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,409.69	480.55
		For Class 52 Rating, Deduct	*-404.97*	
		For Class 54 Rating, Add	*560.97*	
		For Class 55 Rating, Add	*838.47*	
		For Class 56 Rating, Add	*1,112.28*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,526.45	484.74
		For Class 52 Rating, Deduct	*-417.12*	
		For Class 54 Rating, Add	*577.61*	
		For Class 55 Rating, Add	*863.24*	
		For Class 56 Rating, Add	*1,145.08*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,643.20	488.91
		For Class 52 Rating, Deduct	*-429.27*	
		For Class 54 Rating, Add	*594.25*	
		For Class 55 Rating, Add	*888.02*	
		For Class 56 Rating, Add	*1,177.88*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,759.96	493.09
		For Class 52 Rating, Deduct	*-441.41*	
		For Class 54 Rating, Add	*610.89*	
		For Class 55 Rating, Add	*912.80*	
		For Class 56 Rating, Add	*1,210.69*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,876.71	497.27
		For Class 52 Rating, Deduct	*-453.56*	
		For Class 54 Rating, Add	*627.53*	
		For Class 55 Rating, Add	*937.57*	
		For Class 56 Rating, Add	*1,243.49*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,993.47	501.45
		For Class 52 Rating, Deduct	*-465.71*	
		For Class 54 Rating, Add	*644.17*	
		For Class 55 Rating, Add	*962.35*	
		For Class 56 Rating, Add	*1,276.29*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,110.22	505.63
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*660.81*	
		For Class 55 Rating, Add	*987.13*	
		For Class 56 Rating, Add	*1,309.10*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,226.97	509.81
		For Class 52 Rating, Deduct	*-490.00*	
		For Class 54 Rating, Add	*677.45*	
		For Class 55 Rating, Add	*1,011.90*	
		For Class 56 Rating, Add	*1,341.90*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,343.72	513.98
		For Class 52 Rating, Deduct	*-502.15*	
		For Class 54 Rating, Add	*694.09*	
		For Class 55 Rating, Add	*1,036.68*	
		For Class 56 Rating, Add	*1,374.70*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,460.48	518.16
		For Class 52 Rating, Deduct	*-514.29*	
		For Class 54 Rating, Add	*710.73*	
		For Class 55 Rating, Add	*1,061.45*	
		For Class 56 Rating, Add	*1,407.50*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,577.24	522.34
		For Class 52 Rating, Deduct	*-526.44*	
		For Class 54 Rating, Add	*727.37*	
		For Class 55 Rating, Add	*1,086.23*	
		For Class 56 Rating, Add	*1,440.31*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,693.99	526.52
		For Class 52 Rating, Deduct	*-538.59*	
		For Class 54 Rating, Add	*744.01*	
		For Class 55 Rating, Add	*1,111.01*	
		For Class 56 Rating, Add	*1,473.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,810.74	530.70
		For Class 52 Rating, Deduct	*-550.73*	
		For Class 54 Rating, Add	*760.65*	
		For Class 55 Rating, Add	*1,135.78*	
		For Class 56 Rating, Add	*1,505.91*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,927.49	534.87
		For Class 52 Rating, Deduct	*-562.88*	
		For Class 54 Rating, Add	*777.29*	
		For Class 55 Rating, Add	*1,160.56*	
		For Class 56 Rating, Add	*1,538.71*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,044.25	539.06
		For Class 52 Rating, Deduct	*-575.03*	
		For Class 54 Rating, Add	*793.93*	
		For Class 55 Rating, Add	*1,185.33*	
		For Class 56 Rating, Add	*1,571.52*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,161.00	543.24
		For Class 52 Rating, Deduct	*-587.17*	
		For Class 54 Rating, Add	*810.56*	
		For Class 55 Rating, Add	*1,210.11*	
		For Class 56 Rating, Add	*1,604.32*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,174.73	468.02
		For Class 52 Rating, Deduct	*-161.22*	
		For Class 54 Rating, Add	*228.35*	
		For Class 55 Rating, Add	*343.85*	
		For Class 56 Rating, Add	*457.88*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,326.61	472.20
		For Class 52 Rating, Deduct	*-177.23*	
		For Class 54 Rating, Add	*250.26*	
		For Class 55 Rating, Add	*376.46*	
		For Class 56 Rating, Add	*501.05*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,478.50	476.37
		For Class 52 Rating, Deduct	*-193.24*	
		For Class 54 Rating, Add	*272.17*	
		For Class 55 Rating, Add	*409.07*	
		For Class 56 Rating, Add	*544.22*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,630.39	480.55
		For Class 52 Rating, Deduct	*-209.25*	
		For Class 54 Rating, Add	*294.08*	
		For Class 55 Rating, Add	*441.68*	
		For Class 56 Rating, Add	*587.38*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,782.27	484.74
		For Class 52 Rating, Deduct	*-225.26*	
		For Class 54 Rating, Add	*315.99*	
		For Class 55 Rating, Add	*474.29*	
		For Class 56 Rating, Add	*630.55*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,934.16	488.91
		For Class 52 Rating, Deduct	*-241.27*	
		For Class 54 Rating, Add	*337.90*	
		For Class 55 Rating, Add	*506.90*	
		For Class 56 Rating, Add	*673.72*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,086.06	493.09
		For Class 52 Rating, Deduct	*-257.28*	
		For Class 54 Rating, Add	*359.81*	
		For Class 55 Rating, Add	*539.52*	
		For Class 56 Rating, Add	*716.89*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,237.94	497.27
		For Class 52 Rating, Deduct	*-273.30*	
		For Class 54 Rating, Add	*381.72*	
		For Class 55 Rating, Add	*572.13*	
		For Class 56 Rating, Add	*760.05*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,389.83	501.45
		For Class 52 Rating, Deduct	*-289.31*	
		For Class 54 Rating, Add	*403.63*	
		For Class 55 Rating, Add	*604.74*	
		For Class 56 Rating, Add	*803.22*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.72	505.63
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*425.54*	
		For Class 55 Rating, Add	*637.35*	
		For Class 56 Rating, Add	*846.39*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,693.60	509.81
		For Class 52 Rating, Deduct	*-321.33*	
		For Class 54 Rating, Add	*447.44*	
		For Class 55 Rating, Add	*669.96*	
		For Class 56 Rating, Add	*889.55*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,845.49	513.98
		For Class 52 Rating, Deduct	*-337.34*	
		For Class 54 Rating, Add	*469.35*	
		For Class 55 Rating, Add	*702.57*	
		For Class 56 Rating, Add	*932.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,997.39	518.16
		For Class 52 Rating, Deduct	*-353.35*	
		For Class 54 Rating, Add	*491.26*	
		For Class 55 Rating, Add	*735.18*	
		For Class 56 Rating, Add	*975.89*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,149.27	522.34
		For Class 52 Rating, Deduct	*-369.36*	
		For Class 54 Rating, Add	*513.17*	
		For Class 55 Rating, Add	*767.79*	
		For Class 56 Rating, Add	*1,019.05*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,301.16	526.52
		For Class 52 Rating, Deduct	*-385.37*	
		For Class 54 Rating, Add	*535.08*	
		For Class 55 Rating, Add	*800.40*	
		For Class 56 Rating, Add	*1,062.22*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,453.05	530.70
		For Class 52 Rating, Deduct	*-401.39*	
		For Class 54 Rating, Add	*556.99*	
		For Class 55 Rating, Add	*833.02*	
		For Class 56 Rating, Add	*1,105.39*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,604.94	534.87
		For Class 52 Rating, Deduct	*-417.40*	
		For Class 54 Rating, Add	*578.90*	
		For Class 55 Rating, Add	*865.63*	
		For Class 56 Rating, Add	*1,148.56*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,756.82	539.06
		For Class 52 Rating, Deduct	*-433.41*	
		For Class 54 Rating, Add	*600.81*	
		For Class 55 Rating, Add	*898.24*	
		For Class 56 Rating, Add	*1,191.72*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,908.71	543.24
		For Class 52 Rating, Deduct	*-449.42*	
		For Class 54 Rating, Add	*622.72*	
		For Class 55 Rating, Add	*930.85*	
		For Class 56 Rating, Add	*1,234.89*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,060.61	547.41
		For Class 52 Rating, Deduct	*-465.43*	
		For Class 54 Rating, Add	*644.63*	
		For Class 55 Rating, Add	*963.46*	
		For Class 56 Rating, Add	*1,278.06*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,212.49	551.59
		For Class 52 Rating, Deduct	*-481.44*	
		For Class 54 Rating, Add	*666.54*	
		For Class 55 Rating, Add	*996.07*	
		For Class 56 Rating, Add	*1,321.23*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,364.38	555.77
		For Class 52 Rating, Deduct	*-497.45*	
		For Class 54 Rating, Add	*688.45*	
		For Class 55 Rating, Add	*1,028.68*	
		For Class 56 Rating, Add	*1,364.39*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,516.27	559.95
		For Class 52 Rating, Deduct	*-513.46*	
		For Class 54 Rating, Add	*710.36*	
		For Class 55 Rating, Add	*1,061.29*	
		For Class 56 Rating, Add	*1,407.56*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,668.15	564.13
		For Class 52 Rating, Deduct	*-529.48*	
		For Class 54 Rating, Add	*732.27*	
		For Class 55 Rating, Add	*1,093.90*	
		For Class 56 Rating, Add	*1,450.73*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,820.04	568.31
		For Class 52 Rating, Deduct	*-545.49*	
		For Class 54 Rating, Add	*754.18*	
		For Class 55 Rating, Add	*1,126.52*	
		For Class 56 Rating, Add	*1,493.89*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,971.94	572.48
		For Class 52 Rating, Deduct	*-561.50*	
		For Class 54 Rating, Add	*776.09*	
		For Class 55 Rating, Add	*1,159.13*	
		For Class 56 Rating, Add	*1,537.06*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,123.82	576.67
		For Class 52 Rating, Deduct	*-577.51*	
		For Class 54 Rating, Add	*798.00*	
		For Class 55 Rating, Add	*1,191.74*	
		For Class 56 Rating, Add	*1,580.23*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,275.71	580.84
		For Class 52 Rating, Deduct	*-593.52*	
		For Class 54 Rating, Add	*819.91*	
		For Class 55 Rating, Add	*1,224.35*	
		For Class 56 Rating, Add	*1,623.40*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,427.60	585.02
		For Class 52 Rating, Deduct	*-609.53*	
		For Class 54 Rating, Add	*841.82*	
		For Class 55 Rating, Add	*1,256.96*	
		For Class 56 Rating, Add	*1,666.56*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,579.48	589.20
		For Class 52 Rating, Deduct	*-625.54*	
		For Class 54 Rating, Add	*863.73*	
		For Class 55 Rating, Add	*1,289.57*	
		For Class 56 Rating, Add	*1,709.73*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,731.37	593.38
		For Class 52 Rating, Deduct	*-641.55*	
		For Class 54 Rating, Add	*885.64*	
		For Class 55 Rating, Add	*1,322.18*	
		For Class 56 Rating, Add	*1,752.90*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,880.76	597.56
		For Class 52 Rating, Deduct	*-657.29*	
		For Class 54 Rating, Add	*907.17*	
		For Class 55 Rating, Add	*1,354.23*	
		For Class 56 Rating, Add	*1,795.33*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,035.15	601.74
		For Class 52 Rating, Deduct	*-673.58*	
		For Class 54 Rating, Add	*929.45*	
		For Class 55 Rating, Add	*1,387.40*	
		For Class 56 Rating, Add	*1,839.23*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,187.04	605.91
		For Class 52 Rating, Deduct	*-689.59*	
		For Class 54 Rating, Add	*951.36*	
		For Class 55 Rating, Add	*1,420.02*	
		For Class 56 Rating, Add	*1,882.40*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,338.93	610.09
		For Class 52 Rating, Deduct	*-705.60*	
		For Class 54 Rating, Add	*973.27*	
		For Class 55 Rating, Add	*1,452.63*	
		For Class 56 Rating, Add	*1,925.57*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,490.81	614.28
		For Class 52 Rating, Deduct	*-721.61*	
		For Class 54 Rating, Add	*995.18*	
		For Class 55 Rating, Add	*1,485.24*	
		For Class 56 Rating, Add	*1,968.73*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,642.70	618.45
		For Class 52 Rating, Deduct	*-737.62*	
		For Class 54 Rating, Add	*1,017.09*	
		For Class 55 Rating, Add	*1,517.85*	
		For Class 56 Rating, Add	*2,011.90*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,794.59	622.63
		For Class 52 Rating, Deduct	*-753.63*	
		For Class 54 Rating, Add	*1,039.00*	
		For Class 55 Rating, Add	*1,550.46*	
		For Class 56 Rating, Add	*2,055.07*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,946.48	626.81
		For Class 52 Rating, Deduct	*-769.64*	
		For Class 54 Rating, Add	*1,060.91*	
		For Class 55 Rating, Add	*1,583.07*	
		For Class 56 Rating, Add	*2,098.23*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,848.91	585.02
		For Class 52 Rating, Deduct	*-215.88*	
		For Class 54 Rating, Add	*305.01*	
		For Class 55 Rating, Add	*458.91*	
		For Class 56 Rating, Add	*610.85*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,038.44	589.20
		For Class 52 Rating, Deduct	*-236.03*	
		For Class 54 Rating, Add	*332.57*	
		For Class 55 Rating, Add	*499.92*	
		For Class 56 Rating, Add	*665.12*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,227.97	593.38
		For Class 52 Rating, Deduct	*-256.18*	
		For Class 54 Rating, Add	*360.13*	
		For Class 55 Rating, Add	*540.92*	
		For Class 56 Rating, Add	*719.39*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,417.51	597.56
		For Class 52 Rating, Deduct	*-276.33*	
		For Class 54 Rating, Add	*387.68*	
		For Class 55 Rating, Add	*581.93*	
		For Class 56 Rating, Add	*773.67*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,607.04	601.74
		For Class 52 Rating, Deduct	*-296.48*	
		For Class 54 Rating, Add	*415.24*	
		For Class 55 Rating, Add	*622.94*	
		For Class 56 Rating, Add	*827.94*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,796.57	605.91
		For Class 52 Rating, Deduct	*-316.64*	
		For Class 54 Rating, Add	*442.79*	
		For Class 55 Rating, Add	*663.94*	
		For Class 56 Rating, Add	*882.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,986.10	610.09
		For Class 52 Rating, Deduct	*-336.79*	
		For Class 54 Rating, Add	*470.35*	
		For Class 55 Rating, Add	*704.95*	
		For Class 56 Rating, Add	*936.48*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,175.63	614.28
		For Class 52 Rating, Deduct	*-356.94*	
		For Class 54 Rating, Add	*497.91*	
		For Class 55 Rating, Add	*745.95*	
		For Class 56 Rating, Add	*990.75*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,365.16	618.45
		For Class 52 Rating, Deduct	*-377.09*	
		For Class 54 Rating, Add	*525.46*	
		For Class 55 Rating, Add	*786.96*	
		For Class 56 Rating, Add	*1,045.03*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,554.69	622.63
		For Class 52 Rating, Deduct	*-397.24*	
		For Class 54 Rating, Add	*553.02*	
		For Class 55 Rating, Add	*827.96*	
		For Class 56 Rating, Add	*1,099.30*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,744.24	626.81
		For Class 52 Rating, Deduct	*-417.40*	
		For Class 54 Rating, Add	*580.57*	
		For Class 55 Rating, Add	*868.97*	
		For Class 56 Rating, Add	*1,153.57*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,933.77	630.99
		For Class 52 Rating, Deduct	*-437.55*	
		For Class 54 Rating, Add	*608.13*	
		For Class 55 Rating, Add	*909.98*	
		For Class 56 Rating, Add	*1,207.85*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,123.30	635.17
		For Class 52 Rating, Deduct	*-457.70*	
		For Class 54 Rating, Add	*635.69*	
		For Class 55 Rating, Add	*950.98*	
		For Class 56 Rating, Add	*1,262.12*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,312.83	639.35
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*663.24*	
		For Class 55 Rating, Add	*991.99*	
		For Class 56 Rating, Add	*1,316.39*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,502.35	643.52
		For Class 52 Rating, Deduct	*-498.01*	
		For Class 54 Rating, Add	*690.80*	
		For Class 55 Rating, Add	*1,032.99*	
		For Class 56 Rating, Add	*1,370.66*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,691.88	647.71
		For Class 52 Rating, Deduct	*-518.16*	
		For Class 54 Rating, Add	*718.35*	
		For Class 55 Rating, Add	*1,074.00*	
		For Class 56 Rating, Add	*1,424.93*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,881.42	651.88
		For Class 52 Rating, Deduct	*-538.31*	
		For Class 54 Rating, Add	*745.91*	
		For Class 55 Rating, Add	*1,115.00*	
		For Class 56 Rating, Add	*1,479.20*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,070.95	656.06
		For Class 52 Rating, Deduct	*-558.46*	
		For Class 54 Rating, Add	*773.47*	
		For Class 55 Rating, Add	*1,156.01*	
		For Class 56 Rating, Add	*1,533.48*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,260.48	660.24
		For Class 52 Rating, Deduct	*-578.61*	
		For Class 54 Rating, Add	*801.02*	
		For Class 55 Rating, Add	*1,197.02*	
		For Class 56 Rating, Add	*1,587.75*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,450.01	664.41
		For Class 52 Rating, Deduct	*-598.77*	
		For Class 54 Rating, Add	*828.58*	
		For Class 55 Rating, Add	*1,238.02*	
		For Class 56 Rating, Add	*1,642.02*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,639.54	668.60
		For Class 52 Rating, Deduct	*-618.92*	
		For Class 54 Rating, Add	*856.13*	
		For Class 55 Rating, Add	*1,279.03*	
		For Class 56 Rating, Add	*1,696.29*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,829.07	672.78
		For Class 52 Rating, Deduct	*-639.07*	
		For Class 54 Rating, Add	*883.69*	
		For Class 55 Rating, Add	*1,320.03*	
		For Class 56 Rating, Add	*1,750.56*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,018.60	676.95
		For Class 52 Rating, Deduct	*-659.22*	
		For Class 54 Rating, Add	*911.25*	
		For Class 55 Rating, Add	*1,361.04*	
		For Class 56 Rating, Add	*1,804.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,208.15	681.13
		For Class 52 Rating, Deduct	*-679.37*	
		For Class 54 Rating, Add	*938.80*	
		For Class 55 Rating, Add	*1,402.05*	
		For Class 56 Rating, Add	*1,859.11*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,397.68	685.32
		For Class 52 Rating, Deduct	*-699.53*	
		For Class 54 Rating, Add	*966.36*	
		For Class 55 Rating, Add	*1,443.05*	
		For Class 56 Rating, Add	*1,913.38*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,587.21	689.49
		For Class 52 Rating, Deduct	*-719.68*	
		For Class 54 Rating, Add	*993.92*	
		For Class 55 Rating, Add	*1,484.06*	
		For Class 56 Rating, Add	*1,967.65*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,776.74	693.67
		For Class 52 Rating, Deduct	*-739.83*	
		For Class 54 Rating, Add	*1,021.47*	
		For Class 55 Rating, Add	*1,525.06*	
		For Class 56 Rating, Add	*2,021.93*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,966.27	697.85
		For Class 52 Rating, Deduct	*-759.98*	
		For Class 54 Rating, Add	*1,049.03*	
		For Class 55 Rating, Add	*1,566.07*	
		For Class 56 Rating, Add	*2,076.20*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,155.80	702.03
		For Class 52 Rating, Deduct	*-780.13*	
		For Class 54 Rating, Add	*1,076.58*	
		For Class 55 Rating, Add	*1,607.07*	
		For Class 56 Rating, Add	*2,130.47*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,345.34	706.21
		For Class 52 Rating, Deduct	*-800.29*	
		For Class 54 Rating, Add	*1,104.14*	
		For Class 55 Rating, Add	*1,648.08*	
		For Class 56 Rating, Add	*2,184.74*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,534.87	710.38
		For Class 52 Rating, Deduct	*-820.44*	
		For Class 54 Rating, Add	*1,131.70*	
		For Class 55 Rating, Add	*1,689.08*	
		For Class 56 Rating, Add	*2,239.01*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,724.40	714.56
		For Class 52 Rating, Deduct	*-840.59*	
		For Class 54 Rating, Add	*1,159.25*	
		For Class 55 Rating, Add	*1,730.09*	
		For Class 56 Rating, Add	*2,293.29*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,913.93	718.74
		For Class 52 Rating, Deduct	*-860.74*	
		For Class 54 Rating, Add	*1,186.81*	
		For Class 55 Rating, Add	*1,771.10*	
		For Class 56 Rating, Add	*2,347.56*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,103.46	722.92
		For Class 52 Rating, Deduct	*-880.89*	
		For Class 54 Rating, Add	*1,214.36*	
		For Class 55 Rating, Add	*1,812.10*	
		For Class 56 Rating, Add	*2,401.83*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,292.99	727.10
		For Class 52 Rating, Deduct	*-901.05*	
		For Class 54 Rating, Add	*1,241.92*	
		For Class 55 Rating, Add	*1,853.11*	
		For Class 56 Rating, Add	*2,456.10*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,482.54	731.28
		For Class 52 Rating, Deduct	*-921.20*	
		For Class 54 Rating, Add	*1,269.48*	
		For Class 55 Rating, Add	*1,894.11*	
		For Class 56 Rating, Add	*2,510.38*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,672.07	735.45
		For Class 52 Rating, Deduct	*-941.35*	
		For Class 54 Rating, Add	*1,297.03*	
		For Class 55 Rating, Add	*1,935.12*	
		For Class 56 Rating, Add	*2,564.65*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,861.60	739.64
		For Class 52 Rating, Deduct	*-961.50*	
		For Class 54 Rating, Add	*1,324.59*	
		For Class 55 Rating, Add	*1,976.13*	
		For Class 56 Rating, Add	*2,618.92*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,051.13	743.82
		For Class 52 Rating, Deduct	*-981.66*	
		For Class 54 Rating, Add	*1,352.14*	
		For Class 55 Rating, Add	*2,017.13*	
		For Class 56 Rating, Add	*2,673.19*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,811.68	702.03
		For Class 52 Rating, Deduct	*-302.28*	
		For Class 54 Rating, Add	*424.97*	
		For Class 55 Rating, Add	*638.33*	
		For Class 56 Rating, Add	*848.96*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,041.38	706.21
		For Class 52 Rating, Deduct	*-326.85*	
		For Class 54 Rating, Add	*458.55*	
		For Class 55 Rating, Add	*688.30*	
		For Class 56 Rating, Add	*915.07*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,271.06	710.38
		For Class 52 Rating, Deduct	*-351.42*	
		For Class 54 Rating, Add	*492.12*	
		For Class 55 Rating, Add	*738.25*	
		For Class 56 Rating, Add	*981.19*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,500.75	714.56
		For Class 52 Rating, Deduct	*-375.99*	
		For Class 54 Rating, Add	*525.70*	
		For Class 55 Rating, Add	*788.22*	
		For Class 56 Rating, Add	*1,047.31*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,730.43	718.74
		For Class 52 Rating, Deduct	*-400.56*	
		For Class 54 Rating, Add	*559.28*	
		For Class 55 Rating, Add	*838.17*	
		For Class 56 Rating, Add	*1,113.43*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,960.11	722.92
		For Class 52 Rating, Deduct	*-425.13*	
		For Class 54 Rating, Add	*592.86*	
		For Class 55 Rating, Add	*888.13*	
		For Class 56 Rating, Add	*1,179.54*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,189.80	727.10
		For Class 52 Rating, Deduct	*-449.70*	
		For Class 54 Rating, Add	*626.44*	
		For Class 55 Rating, Add	*938.10*	
		For Class 56 Rating, Add	*1,245.66*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,419.49	731.28
		For Class 52 Rating, Deduct	*-474.26*	
		For Class 54 Rating, Add	*660.02*	
		For Class 55 Rating, Add	*988.05*	
		For Class 56 Rating, Add	*1,311.78*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,649.18	735.45
		For Class 52 Rating, Deduct	*-498.83*	
		For Class 54 Rating, Add	*693.60*	
		For Class 55 Rating, Add	*1,038.02*	
		For Class 56 Rating, Add	*1,377.90*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,878.86	739.64
		For Class 52 Rating, Deduct	*-523.40*	
		For Class 54 Rating, Add	*727.18*	
		For Class 55 Rating, Add	*1,087.97*	
		For Class 56 Rating, Add	*1,444.01*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,108.55	743.82
		For Class 52 Rating, Deduct	*-547.97*	
		For Class 54 Rating, Add	*760.76*	
		For Class 55 Rating, Add	*1,137.94*	
		For Class 56 Rating, Add	*1,510.13*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,338.23	747.99
		For Class 52 Rating, Deduct	*-572.54*	
		For Class 54 Rating, Add	*794.34*	
		For Class 55 Rating, Add	*1,187.89*	
		For Class 56 Rating, Add	*1,576.25*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,567.91	752.17
		For Class 52 Rating, Deduct	*-597.11*	
		For Class 54 Rating, Add	*827.91*	
		For Class 55 Rating, Add	*1,237.85*	
		For Class 56 Rating, Add	*1,642.36*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,797.60	756.35
		For Class 52 Rating, Deduct	*-621.68*	
		For Class 54 Rating, Add	*861.49*	
		For Class 55 Rating, Add	*1,287.81*	
		For Class 56 Rating, Add	*1,708.48*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,027.29	760.53
		For Class 52 Rating, Deduct	*-646.25*	
		For Class 54 Rating, Add	*895.07*	
		For Class 55 Rating, Add	*1,337.77*	
		For Class 56 Rating, Add	*1,774.60*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,256.98	764.71
		For Class 52 Rating, Deduct	*-670.82*	
		For Class 54 Rating, Add	*928.65*	
		For Class 55 Rating, Add	*1,387.74*	
		For Class 56 Rating, Add	*1,840.72*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,486.66	768.88
		For Class 52 Rating, Deduct	*-695.38*	
		For Class 54 Rating, Add	*962.23*	
		For Class 55 Rating, Add	*1,437.69*	
		For Class 56 Rating, Add	*1,906.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,716.35	773.06
		For Class 52 Rating, Deduct	*-719.95*	
		For Class 54 Rating, Add	*995.81*	
		For Class 55 Rating, Add	*1,487.66*	
		For Class 56 Rating, Add	*1,972.95*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,946.03	777.25
		For Class 52 Rating, Deduct	*-744.52*	
		For Class 54 Rating, Add	*1,029.39*	
		For Class 55 Rating, Add	*1,537.61*	
		For Class 56 Rating, Add	*2,039.07*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,175.72	781.42
		For Class 52 Rating, Deduct	*-769.09*	
		For Class 54 Rating, Add	*1,062.97*	
		For Class 55 Rating, Add	*1,587.58*	
		For Class 56 Rating, Add	*2,105.19*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,405.41	785.60
		For Class 52 Rating, Deduct	*-793.66*	
		For Class 54 Rating, Add	*1,096.55*	
		For Class 55 Rating, Add	*1,637.53*	
		For Class 56 Rating, Add	*2,171.31*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,635.09	789.78
		For Class 52 Rating, Deduct	*-818.23*	
		For Class 54 Rating, Add	*1,130.13*	
		For Class 55 Rating, Add	*1,687.49*	
		For Class 56 Rating, Add	*2,237.42*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,864.78	793.96
		For Class 52 Rating, Deduct	*-842.80*	
		For Class 54 Rating, Add	*1,163.71*	
		For Class 55 Rating, Add	*1,737.45*	
		For Class 56 Rating, Add	*2,303.54*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,094.46	798.14
		For Class 52 Rating, Deduct	*-867.37*	
		For Class 54 Rating, Add	*1,197.29*	
		For Class 55 Rating, Add	*1,787.41*	
		For Class 56 Rating, Add	*2,369.66*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,324.15	802.32
		For Class 52 Rating, Deduct	*-891.94*	
		For Class 54 Rating, Add	*1,230.87*	
		For Class 55 Rating, Add	*1,837.38*	
		For Class 56 Rating, Add	*2,435.78*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,553.83	806.49
		For Class 52 Rating, Deduct	*-916.51*	
		For Class 54 Rating, Add	*1,264.44*	
		For Class 55 Rating, Add	*1,887.33*	
		For Class 56 Rating, Add	*2,501.89*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,783.53	810.67
		For Class 52 Rating, Deduct	*-941.08*	
		For Class 54 Rating, Add	*1,298.02*	
		For Class 55 Rating, Add	*1,937.30*	
		For Class 56 Rating, Add	*2,568.01*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,013.21	814.86
		For Class 52 Rating, Deduct	*-965.64*	
		For Class 54 Rating, Add	*1,331.60*	
		For Class 55 Rating, Add	*1,987.25*	
		For Class 56 Rating, Add	*2,634.13*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,242.90	819.03
		For Class 52 Rating, Deduct	*-990.21*	
		For Class 54 Rating, Add	*1,365.18*	
		For Class 55 Rating, Add	*2,037.22*	
		For Class 56 Rating, Add	*2,700.25*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,472.58	823.21
		For Class 52 Rating, Deduct	*-1,014.78*	
		For Class 54 Rating, Add	*1,398.76*	
		For Class 55 Rating, Add	*2,087.17*	
		For Class 56 Rating, Add	*2,766.36*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,702.26	827.38
		For Class 52 Rating, Deduct	*-1,039.35*	
		For Class 54 Rating, Add	*1,432.34*	
		For Class 55 Rating, Add	*2,137.13*	
		For Class 56 Rating, Add	*2,832.48*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,931.95	831.57
		For Class 52 Rating, Deduct	*-1,063.92*	
		For Class 54 Rating, Add	*1,465.92*	
		For Class 55 Rating, Add	*2,187.09*	
		For Class 56 Rating, Add	*2,898.60*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,161.63	835.75
		For Class 52 Rating, Deduct	*-1,088.49*	
		For Class 54 Rating, Add	*1,499.50*	
		For Class 55 Rating, Add	*2,237.05*	
		For Class 56 Rating, Add	*2,964.71*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,391.33	839.92
		For Class 52 Rating, Deduct	*-1,113.06*	
		For Class 54 Rating, Add	*1,533.08*	
		For Class 55 Rating, Add	*2,287.02*	
		For Class 56 Rating, Add	*3,030.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,621.01	844.10
		For Class 52 Rating, Deduct	*-1,137.63*	
		For Class 54 Rating, Add	*1,566.66*	
		For Class 55 Rating, Add	*2,336.97*	
		For Class 56 Rating, Add	*3,096.95*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,850.70	848.29
		For Class 52 Rating, Deduct	*-1,162.20*	
		For Class 54 Rating, Add	*1,600.24*	
		For Class 55 Rating, Add	*2,386.94*	
		For Class 56 Rating, Add	*3,163.07*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,080.38	852.46
		For Class 52 Rating, Deduct	*-1,186.76*	
		For Class 54 Rating, Add	*1,633.81*	
		For Class 55 Rating, Add	*2,436.89*	
		For Class 56 Rating, Add	*3,229.19*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,310.06	856.64
		For Class 52 Rating, Deduct	*-1,211.33*	
		For Class 54 Rating, Add	*1,667.39*	
		For Class 55 Rating, Add	*2,486.85*	
		For Class 56 Rating, Add	*3,295.30*	

40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,473.09	802.32
		For Class 52 Rating, Deduct	*-358.32*	
		For Class 54 Rating, Add	*503.21*	
		For Class 55 Rating, Add	*755.59*	
		For Class 56 Rating, Add	*1,004.71*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,740.42	806.49
		For Class 52 Rating, Deduct	*-387.03*	
		For Class 54 Rating, Add	*542.43*	
		For Class 55 Rating, Add	*813.94*	
		For Class 56 Rating, Add	*1,081.94*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,007.76	810.67
		For Class 52 Rating, Deduct	*-415.74*	
		For Class 54 Rating, Add	*581.66*	
		For Class 55 Rating, Add	*872.30*	
		For Class 56 Rating, Add	*1,159.16*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,275.09	814.86
		For Class 52 Rating, Deduct	*-444.45*	
		For Class 54 Rating, Add	*620.88*	
		For Class 55 Rating, Add	*930.65*	
		For Class 56 Rating, Add	*1,236.38*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,542.41	819.03
		For Class 52 Rating, Deduct	*-473.16*	
		For Class 54 Rating, Add	*660.11*	
		For Class 55 Rating, Add	*989.01*	
		For Class 56 Rating, Add	*1,313.60*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,809.74	823.21
		For Class 52 Rating, Deduct	*-501.87*	
		For Class 54 Rating, Add	*699.33*	
		For Class 55 Rating, Add	*1,047.36*	
		For Class 56 Rating, Add	*1,390.83*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,077.07	827.38
		For Class 52 Rating, Deduct	*-530.58*	
		For Class 54 Rating, Add	*738.56*	
		For Class 55 Rating, Add	*1,105.72*	
		For Class 56 Rating, Add	*1,468.05*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,344.40	831.57
		For Class 52 Rating, Deduct	*-559.29*	
		For Class 54 Rating, Add	*777.79*	
		For Class 55 Rating, Add	*1,164.07*	
		For Class 56 Rating, Add	*1,545.27*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,611.73	835.75
		For Class 52 Rating, Deduct	*-588.00*	
		For Class 54 Rating, Add	*817.01*	
		For Class 55 Rating, Add	*1,222.43*	
		For Class 56 Rating, Add	*1,622.49*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,879.07	839.92
		For Class 52 Rating, Deduct	*-616.71*	
		For Class 54 Rating, Add	*856.24*	
		For Class 55 Rating, Add	*1,280.78*	
		For Class 56 Rating, Add	*1,699.72*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,146.39	844.10
		For Class 52 Rating, Deduct	*-645.42*	
		For Class 54 Rating, Add	*895.46*	
		For Class 55 Rating, Add	*1,339.13*	
		For Class 56 Rating, Add	*1,776.94*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,413.72	848.29
		For Class 52 Rating, Deduct	*-674.13*	
		For Class 54 Rating, Add	*934.69*	
		For Class 55 Rating, Add	*1,397.49*	
		For Class 56 Rating, Add	*1,854.16*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,681.05	852.46
		For Class 52 Rating, Deduct	*-702.84*	
		For Class 54 Rating, Add	*973.92*	
		For Class 55 Rating, Add	*1,455.84*	
		For Class 56 Rating, Add	*1,931.38*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,948.38	856.64
		For Class 52 Rating, Deduct	*-731.55*	
		For Class 54 Rating, Add	*1,013.14*	
		For Class 55 Rating, Add	*1,514.20*	
		For Class 56 Rating, Add	*2,008.61*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,215.71	860.82
		For Class 52 Rating, Deduct	*-760.26*	
		For Class 54 Rating, Add	*1,052.37*	
		For Class 55 Rating, Add	*1,572.55*	
		For Class 56 Rating, Add	*2,085.83*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,483.05	864.99
		For Class 52 Rating, Deduct	*-788.97*	
		For Class 54 Rating, Add	*1,091.59*	
		For Class 55 Rating, Add	*1,630.91*	
		For Class 56 Rating, Add	*2,163.05*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,750.38	869.18
		For Class 52 Rating, Deduct	*-817.68*	
		For Class 54 Rating, Add	*1,130.82*	
		For Class 55 Rating, Add	*1,689.26*	
		For Class 56 Rating, Add	*2,240.27*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,017.70	873.36
		For Class 52 Rating, Deduct	*-846.39*	
		For Class 54 Rating, Add	*1,170.04*	
		For Class 55 Rating, Add	*1,747.62*	
		For Class 56 Rating, Add	*2,317.49*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,285.03	877.53
		For Class 52 Rating, Deduct	*-875.10*	
		For Class 54 Rating, Add	*1,209.27*	
		For Class 55 Rating, Add	*1,805.97*	
		For Class 56 Rating, Add	*2,394.72*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,552.36	881.71
		For Class 52 Rating, Deduct	*-903.81*	
		For Class 54 Rating, Add	*1,248.50*	
		For Class 55 Rating, Add	*1,864.33*	
		For Class 56 Rating, Add	*2,471.94*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,819.69	885.89
		For Class 52 Rating, Deduct	*-932.52*	
		For Class 54 Rating, Add	*1,287.72*	
		For Class 55 Rating, Add	*1,922.68*	
		For Class 56 Rating, Add	*2,549.16*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,087.03	890.07
		For Class 52 Rating, Deduct	*-961.23*	
		For Class 54 Rating, Add	*1,326.95*	
		For Class 55 Rating, Add	*1,981.04*	
		For Class 56 Rating, Add	*2,626.39*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,354.36	894.25
		For Class 52 Rating, Deduct	*-989.94*	
		For Class 54 Rating, Add	*1,366.17*	
		For Class 55 Rating, Add	*2,039.39*	
		For Class 56 Rating, Add	*2,703.61*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,621.67	898.42
		For Class 52 Rating, Deduct	*-1,018.65*	
		For Class 54 Rating, Add	*1,405.40*	
		For Class 55 Rating, Add	*2,097.74*	
		For Class 56 Rating, Add	*2,780.83*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,889.00	902.61
		For Class 52 Rating, Deduct	*-1,047.36*	
		For Class 54 Rating, Add	*1,444.62*	
		For Class 55 Rating, Add	*2,156.10*	
		For Class 56 Rating, Add	*2,858.05*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,156.33	906.79
		For Class 52 Rating, Deduct	*-1,076.07*	
		For Class 54 Rating, Add	*1,483.85*	
		For Class 55 Rating, Add	*2,214.45*	
		For Class 56 Rating, Add	*2,935.27*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,423.66	910.96
		For Class 52 Rating, Deduct	*-1,104.78*	
		For Class 54 Rating, Add	*1,523.08*	
		For Class 55 Rating, Add	*2,272.81*	
		For Class 56 Rating, Add	*3,012.50*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,690.99	915.14
		For Class 52 Rating, Deduct	*-1,133.49*	
		For Class 54 Rating, Add	*1,562.30*	
		For Class 55 Rating, Add	*2,331.16*	
		For Class 56 Rating, Add	*3,089.72*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,958.33	919.32
		For Class 52 Rating, Deduct	*-1,162.20*	
		For Class 54 Rating, Add	*1,601.53*	
		For Class 55 Rating, Add	*2,389.52*	
		For Class 56 Rating, Add	*3,166.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,225.65	923.50
		For Class 52 Rating, Deduct	*-1,190.91*	
		For Class 54 Rating, Add	*1,640.75*	
		For Class 55 Rating, Add	*2,447.87*	
		For Class 56 Rating, Add	*3,244.16*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,492.98	927.68
		For Class 52 Rating, Deduct	*-1,219.62*	
		For Class 54 Rating, Add	*1,679.98*	
		For Class 55 Rating, Add	*2,506.23*	
		For Class 56 Rating, Add	*3,321.39*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,760.31	931.86
		For Class 52 Rating, Deduct	*-1,248.33*	
		For Class 54 Rating, Add	*1,719.20*	
		For Class 55 Rating, Add	*2,564.58*	
		For Class 56 Rating, Add	*3,398.61*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,027.64	936.03
		For Class 52 Rating, Deduct	*-1,277.04*	
		For Class 54 Rating, Add	*1,758.43*	
		For Class 55 Rating, Add	*2,622.94*	
		For Class 56 Rating, Add	*3,475.83*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,294.97	940.22
		For Class 52 Rating, Deduct	*-1,305.75*	
		For Class 54 Rating, Add	*1,797.66*	
		For Class 55 Rating, Add	*2,681.29*	
		For Class 56 Rating, Add	*3,553.06*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,562.31	944.40
		For Class 52 Rating, Deduct	*-1,334.46*	
		For Class 54 Rating, Add	*1,836.88*	
		For Class 55 Rating, Add	*2,739.65*	
		For Class 56 Rating, Add	*3,630.28*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,829.63	948.57
		For Class 52 Rating, Deduct	*-1,363.16*	
		For Class 54 Rating, Add	*1,876.11*	
		For Class 55 Rating, Add	*2,798.00*	
		For Class 56 Rating, Add	*3,707.50*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,096.96	952.75
		For Class 52 Rating, Deduct	*-1,391.87*	
		For Class 54 Rating, Add	*1,915.33*	
		For Class 55 Rating, Add	*2,856.35*	
		For Class 56 Rating, Add	*3,784.72*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,364.29	956.92
		For Class 52 Rating, Deduct	*-1,420.58*	
		For Class 54 Rating, Add	*1,954.56*	
		For Class 55 Rating, Add	*2,914.71*	
		For Class 56 Rating, Add	*3,861.94*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,209.81	904.27
		For Class 52 Rating, Deduct	*-422.37*	
		For Class 54 Rating, Add	*592.39*	
		For Class 55 Rating, Add	*889.13*	
		For Class 56 Rating, Add	*1,182.03*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,517.29	908.46
		For Class 52 Rating, Deduct	*-455.49*	
		For Class 54 Rating, Add	*637.64*	
		For Class 55 Rating, Add	*956.44*	
		For Class 56 Rating, Add	*1,271.10*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,824.77	912.64
		For Class 52 Rating, Deduct	*-488.62*	
		For Class 54 Rating, Add	*682.89*	
		For Class 55 Rating, Add	*1,023.75*	
		For Class 56 Rating, Add	*1,360.17*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,132.25	916.81
		For Class 52 Rating, Deduct	*-521.75*	
		For Class 54 Rating, Add	*728.14*	
		For Class 55 Rating, Add	*1,091.06*	
		For Class 56 Rating, Add	*1,449.23*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,439.74	920.99
		For Class 52 Rating, Deduct	*-554.87*	
		For Class 54 Rating, Add	*773.39*	
		For Class 55 Rating, Add	*1,158.37*	
		For Class 56 Rating, Add	*1,538.30*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,747.22	925.18
		For Class 52 Rating, Deduct	*-588.00*	
		For Class 54 Rating, Add	*818.64*	
		For Class 55 Rating, Add	*1,225.68*	
		For Class 56 Rating, Add	*1,627.37*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,054.71	929.35
		For Class 52 Rating, Deduct	*-621.13*	
		For Class 54 Rating, Add	*863.89*	
		For Class 55 Rating, Add	*1,292.99*	
		For Class 56 Rating, Add	*1,716.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,362.19	933.53
		For Class 52 Rating, Deduct	*-654.25*	
		For Class 54 Rating, Add	*909.14*	
		For Class 55 Rating, Add	*1,360.29*	
		For Class 56 Rating, Add	*1,805.51*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,669.67	937.70
		For Class 52 Rating, Deduct	*-687.38*	
		For Class 54 Rating, Add	*954.38*	
		For Class 55 Rating, Add	*1,427.60*	
		For Class 56 Rating, Add	*1,894.57*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,977.16	941.88
		For Class 52 Rating, Deduct	*-720.51*	
		For Class 54 Rating, Add	*999.63*	
		For Class 55 Rating, Add	*1,494.91*	
		For Class 56 Rating, Add	*1,983.64*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,284.64	946.07
		For Class 52 Rating, Deduct	*-753.63*	
		For Class 54 Rating, Add	*1,044.88*	
		For Class 55 Rating, Add	*1,562.22*	
		For Class 56 Rating, Add	*2,072.71*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,592.12	950.24
		For Class 52 Rating, Deduct	*-786.76*	
		For Class 54 Rating, Add	*1,090.13*	
		For Class 55 Rating, Add	*1,629.53*	
		For Class 56 Rating, Add	*2,161.78*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,899.61	954.42
		For Class 52 Rating, Deduct	*-819.89*	
		For Class 54 Rating, Add	*1,135.38*	
		For Class 55 Rating, Add	*1,696.84*	
		For Class 56 Rating, Add	*2,250.85*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,207.09	958.60
		For Class 52 Rating, Deduct	*-853.01*	
		For Class 54 Rating, Add	*1,180.63*	
		For Class 55 Rating, Add	*1,764.15*	
		For Class 56 Rating, Add	*2,339.91*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,514.58	962.78
		For Class 52 Rating, Deduct	*-886.14*	
		For Class 54 Rating, Add	*1,225.88*	
		For Class 55 Rating, Add	*1,831.46*	
		For Class 56 Rating, Add	*2,428.98*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,822.06	966.96
		For Class 52 Rating, Deduct	*-919.27*	
		For Class 54 Rating, Add	*1,271.13*	
		For Class 55 Rating, Add	*1,898.77*	
		For Class 56 Rating, Add	*2,518.05*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,129.54	971.14
		For Class 52 Rating, Deduct	*-952.39*	
		For Class 54 Rating, Add	*1,316.38*	
		For Class 55 Rating, Add	*1,966.07*	
		For Class 56 Rating, Add	*2,607.12*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,437.02	975.31
		For Class 52 Rating, Deduct	*-985.52*	
		For Class 54 Rating, Add	*1,361.62*	
		For Class 55 Rating, Add	*2,033.38*	
		For Class 56 Rating, Add	*2,696.18*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,744.50	979.50
		For Class 52 Rating, Deduct	*-1,018.65*	
		For Class 54 Rating, Add	*1,406.87*	
		For Class 55 Rating, Add	*2,100.69*	
		For Class 56 Rating, Add	*2,785.25*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,052.00	983.68
		For Class 52 Rating, Deduct	*-1,051.77*	
		For Class 54 Rating, Add	*1,452.12*	
		For Class 55 Rating, Add	*2,168.00*	
		For Class 56 Rating, Add	*2,874.32*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,359.48	987.85
		For Class 52 Rating, Deduct	*-1,084.90*	
		For Class 54 Rating, Add	*1,497.37*	
		For Class 55 Rating, Add	*2,235.31*	
		For Class 56 Rating, Add	*2,963.39*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,666.96	992.03
		For Class 52 Rating, Deduct	*-1,118.03*	
		For Class 54 Rating, Add	*1,542.62*	
		For Class 55 Rating, Add	*2,302.62*	
		For Class 56 Rating, Add	*3,052.46*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,974.44	996.20
		For Class 52 Rating, Deduct	*-1,151.15*	
		For Class 54 Rating, Add	*1,587.87*	
		For Class 55 Rating, Add	*2,369.93*	
		For Class 56 Rating, Add	*3,141.52*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,281.92	1,000.39
		For Class 52 Rating, Deduct	*-1,184.28*	
		For Class 54 Rating, Add	*1,633.12*	
		For Class 55 Rating, Add	*2,437.24*	
		For Class 56 Rating, Add	*3,230.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,589.41	1,004.57
		For Class 52 Rating, Deduct	*-1,217.41*	
		For Class 54 Rating, Add	*1,678.37*	
		For Class 55 Rating, Add	*2,504.55*	
		For Class 56 Rating, Add	*3,319.66*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,896.90	1,008.74
		For Class 52 Rating, Deduct	*-1,250.53*	
		For Class 54 Rating, Add	*1,723.61*	
		For Class 55 Rating, Add	*2,571.86*	
		For Class 56 Rating, Add	*3,408.73*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,204.38	1,012.92
		For Class 52 Rating, Deduct	*-1,283.66*	
		For Class 54 Rating, Add	*1,768.86*	
		For Class 55 Rating, Add	*2,639.16*	
		For Class 56 Rating, Add	*3,497.79*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,511.86	1,017.11
		For Class 52 Rating, Deduct	*-1,316.79*	
		For Class 54 Rating, Add	*1,814.11*	
		For Class 55 Rating, Add	*2,706.47*	
		For Class 56 Rating, Add	*3,586.86*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,819.34	1,021.28
		For Class 52 Rating, Deduct	*-1,349.91*	
		For Class 54 Rating, Add	*1,859.36*	
		For Class 55 Rating, Add	*2,773.78*	
		For Class 56 Rating, Add	*3,675.93*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,126.83	1,025.46
		For Class 52 Rating, Deduct	*-1,383.04*	
		For Class 54 Rating, Add	*1,904.61*	
		For Class 55 Rating, Add	*2,841.09*	
		For Class 56 Rating, Add	*3,765.00*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,434.31	1,029.64
		For Class 52 Rating, Deduct	*-1,416.17*	
		For Class 54 Rating, Add	*1,949.86*	
		For Class 55 Rating, Add	*2,908.40*	
		For Class 56 Rating, Add	*3,854.07*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,741.80	1,033.82
		For Class 52 Rating, Deduct	*-1,449.29*	
		For Class 54 Rating, Add	*1,995.11*	
		For Class 55 Rating, Add	*2,975.71*	
		For Class 56 Rating, Add	*3,943.13*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,049.28	1,038.00
		For Class 52 Rating, Deduct	*-1,482.42*	
		For Class 54 Rating, Add	*2,040.36*	
		For Class 55 Rating, Add	*3,043.02*	
		For Class 56 Rating, Add	*4,032.20*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,356.76	1,042.18
		For Class 52 Rating, Deduct	*-1,515.55*	
		For Class 54 Rating, Add	*2,085.60*	
		For Class 55 Rating, Add	*3,110.32*	
		For Class 56 Rating, Add	*4,121.27*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,664.25	1,046.35
		For Class 52 Rating, Deduct	*-1,548.67*	
		For Class 54 Rating, Add	*2,130.85*	
		For Class 55 Rating, Add	*3,177.64*	
		For Class 56 Rating, Add	*4,210.34*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,971.73	1,050.53
		For Class 52 Rating, Deduct	*-1,581.80*	
		For Class 54 Rating, Add	*2,176.10*	
		For Class 55 Rating, Add	*3,244.94*	
		For Class 56 Rating, Add	*4,299.40*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,279.20	1,054.72
		For Class 52 Rating, Deduct	*-1,614.93*	
		For Class 54 Rating, Add	*2,221.35*	
		For Class 55 Rating, Add	*3,312.25*	
		For Class 56 Rating, Add	*4,388.47*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,586.68	1,058.89
		For Class 52 Rating, Deduct	*-1,648.05*	
		For Class 54 Rating, Add	*2,266.60*	
		For Class 55 Rating, Add	*3,379.56*	
		For Class 56 Rating, Add	*4,477.54*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,103.73	1,032.15
		For Class 52 Rating, Deduct	*-499.39*	
		For Class 54 Rating, Add	*699.75*	
		For Class 55 Rating, Add	*1,049.92*	
		For Class 56 Rating, Add	*1,395.56*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,456.38	1,036.33
		For Class 52 Rating, Deduct	*-537.48*	
		For Class 54 Rating, Add	*751.77*	
		For Class 55 Rating, Add	*1,127.30*	
		For Class 56 Rating, Add	*1,497.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,809.04	1,040.50
		For Class 52 Rating, Deduct	*-575.58*	
		For Class 54 Rating, Add	*803.80*	
		For Class 55 Rating, Add	*1,204.69*	
		For Class 56 Rating, Add	*1,600.35*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,161.69	1,044.68
		For Class 52 Rating, Deduct	*-613.67*	
		For Class 54 Rating, Add	*855.82*	
		For Class 55 Rating, Add	*1,282.07*	
		For Class 56 Rating, Add	*1,702.74*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,514.35	1,048.87
		For Class 52 Rating, Deduct	*-651.77*	
		For Class 54 Rating, Add	*907.85*	
		For Class 55 Rating, Add	*1,359.45*	
		For Class 56 Rating, Add	*1,805.14*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,867.01	1,053.04
		For Class 52 Rating, Deduct	*-689.86*	
		For Class 54 Rating, Add	*959.87*	
		For Class 55 Rating, Add	*1,436.83*	
		For Class 56 Rating, Add	*1,907.53*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,219.67	1,057.22
		For Class 52 Rating, Deduct	*-727.96*	
		For Class 54 Rating, Add	*1,011.90*	
		For Class 55 Rating, Add	*1,514.22*	
		For Class 56 Rating, Add	*2,009.92*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,572.32	1,061.40
		For Class 52 Rating, Deduct	*-766.06*	
		For Class 54 Rating, Add	*1,063.92*	
		For Class 55 Rating, Add	*1,591.60*	
		For Class 56 Rating, Add	*2,112.32*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,924.97	1,065.57
		For Class 52 Rating, Deduct	*-804.15*	
		For Class 54 Rating, Add	*1,115.94*	
		For Class 55 Rating, Add	*1,668.98*	
		For Class 56 Rating, Add	*2,214.71*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,277.63	1,069.76
		For Class 52 Rating, Deduct	*-842.25*	
		For Class 54 Rating, Add	*1,167.97*	
		For Class 55 Rating, Add	*1,746.36*	
		For Class 56 Rating, Add	*2,317.10*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,630.28	1,073.93
		For Class 52 Rating, Deduct	*-880.34*	
		For Class 54 Rating, Add	*1,219.99*	
		For Class 55 Rating, Add	*1,823.75*	
		For Class 56 Rating, Add	*2,419.50*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,982.95	1,078.11
		For Class 52 Rating, Deduct	*-918.44*	
		For Class 54 Rating, Add	*1,272.02*	
		For Class 55 Rating, Add	*1,901.13*	
		For Class 56 Rating, Add	*2,521.89*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,335.60	1,082.29
		For Class 52 Rating, Deduct	*-956.53*	
		For Class 54 Rating, Add	*1,324.04*	
		For Class 55 Rating, Add	*1,978.51*	
		For Class 56 Rating, Add	*2,624.28*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,688.26	1,086.47
		For Class 52 Rating, Deduct	*-994.63*	
		For Class 54 Rating, Add	*1,376.07*	
		For Class 55 Rating, Add	*2,055.89*	
		For Class 56 Rating, Add	*2,726.68*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,040.91	1,090.65
		For Class 52 Rating, Deduct	*-1,032.73*	
		For Class 54 Rating, Add	*1,428.09*	
		For Class 55 Rating, Add	*2,133.28*	
		For Class 56 Rating, Add	*2,829.07*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,393.57	1,094.83
		For Class 52 Rating, Deduct	*-1,070.82*	
		For Class 54 Rating, Add	*1,480.12*	
		For Class 55 Rating, Add	*2,210.66*	
		For Class 56 Rating, Add	*2,931.47*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,746.22	1,099.00
		For Class 52 Rating, Deduct	*-1,108.92*	
		For Class 54 Rating, Add	*1,532.14*	
		For Class 55 Rating, Add	*2,288.04*	
		For Class 56 Rating, Add	*3,033.86*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,098.89	1,103.19
		For Class 52 Rating, Deduct	*-1,147.01*	
		For Class 54 Rating, Add	*1,584.17*	
		For Class 55 Rating, Add	*2,365.42*	
		For Class 56 Rating, Add	*3,136.25*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,451.54	1,107.37
		For Class 52 Rating, Deduct	*-1,185.11*	
		For Class 54 Rating, Add	*1,636.19*	
		For Class 55 Rating, Add	*2,442.81*	
		For Class 56 Rating, Add	*3,238.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,804.20	1,111.54
		For Class 52 Rating, Deduct	*-1,223.20*	
		For Class 54 Rating, Add	*1,688.22*	
		For Class 55 Rating, Add	*2,520.19*	
		For Class 56 Rating, Add	*3,341.04*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,156.85	1,115.72
		For Class 52 Rating, Deduct	*-1,261.30*	
		For Class 54 Rating, Add	*1,740.24*	
		For Class 55 Rating, Add	*2,597.57*	
		For Class 56 Rating, Add	*3,443.43*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,509.51	1,119.90
		For Class 52 Rating, Deduct	*-1,299.40*	
		For Class 54 Rating, Add	*1,792.27*	
		For Class 55 Rating, Add	*2,674.95*	
		For Class 56 Rating, Add	*3,545.83*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,862.16	1,124.08
		For Class 52 Rating, Deduct	*-1,337.49*	
		For Class 54 Rating, Add	*1,844.29*	
		For Class 55 Rating, Add	*2,752.33*	
		For Class 56 Rating, Add	*3,648.22*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,214.82	1,128.26
		For Class 52 Rating, Deduct	*-1,375.59*	
		For Class 54 Rating, Add	*1,896.31*	
		For Class 55 Rating, Add	*2,829.72*	
		For Class 56 Rating, Add	*3,750.62*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,567.48	1,132.43
		For Class 52 Rating, Deduct	*-1,413.68*	
		For Class 54 Rating, Add	*1,948.34*	
		For Class 55 Rating, Add	*2,907.10*	
		For Class 56 Rating, Add	*3,853.01*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,920.14	1,136.61
		For Class 52 Rating, Deduct	*-1,451.78*	
		For Class 54 Rating, Add	*2,000.36*	
		For Class 55 Rating, Add	*2,984.48*	
		For Class 56 Rating, Add	*3,955.40*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,272.79	1,140.80
		For Class 52 Rating, Deduct	*-1,489.87*	
		For Class 54 Rating, Add	*2,052.39*	
		For Class 55 Rating, Add	*3,061.86*	
		For Class 56 Rating, Add	*4,057.80*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,625.45	1,144.97
		For Class 52 Rating, Deduct	*-1,527.97*	
		For Class 54 Rating, Add	*2,104.41*	
		For Class 55 Rating, Add	*3,139.25*	
		For Class 56 Rating, Add	*4,160.19*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,978.10	1,149.15
		For Class 52 Rating, Deduct	*-1,566.07*	
		For Class 54 Rating, Add	*2,156.44*	
		For Class 55 Rating, Add	*3,216.63*	
		For Class 56 Rating, Add	*4,262.58*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,330.75	1,153.33
		For Class 52 Rating, Deduct	*-1,604.16*	
		For Class 54 Rating, Add	*2,208.46*	
		For Class 55 Rating, Add	*3,294.01*	
		For Class 56 Rating, Add	*4,364.98*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,683.41	1,157.51
		For Class 52 Rating, Deduct	*-1,642.26*	
		For Class 54 Rating, Add	*2,260.49*	
		For Class 55 Rating, Add	*3,371.39*	
		For Class 56 Rating, Add	*4,467.37*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,036.07	1,161.69
		For Class 52 Rating, Deduct	*-1,680.35*	
		For Class 54 Rating, Add	*2,312.51*	
		For Class 55 Rating, Add	*3,448.78*	
		For Class 56 Rating, Add	*4,569.77*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,388.72	1,165.87
		For Class 52 Rating, Deduct	*-1,718.45*	
		For Class 54 Rating, Add	*2,364.54*	
		For Class 55 Rating, Add	*3,526.16*	
		For Class 56 Rating, Add	*4,672.16*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,741.37	1,170.04
		For Class 52 Rating, Deduct	*-1,756.54*	
		For Class 54 Rating, Add	*2,416.56*	
		For Class 55 Rating, Add	*3,603.54*	
		For Class 56 Rating, Add	*4,774.55*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,094.03	1,174.22
		For Class 52 Rating, Deduct	*-1,794.64*	
		For Class 54 Rating, Add	*2,468.59*	
		For Class 55 Rating, Add	*3,680.92*	
		For Class 56 Rating, Add	*4,876.95*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,446.68	1,178.41
		For Class 52 Rating, Deduct	*-1,832.74*	
		For Class 54 Rating, Add	*2,520.61*	
		For Class 55 Rating, Add	*3,758.31*	
		For Class 56 Rating, Add	*4,979.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,799.35	1,182.58
		For Class 52 Rating, Deduct	*-1,870.83*	
		For Class 54 Rating, Add	*2,572.64*	
		For Class 55 Rating, Add	*3,835.69*	
		For Class 56 Rating, Add	*5,081.73*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,152.00	1,186.76
		For Class 52 Rating, Deduct	*-1,908.93*	
		For Class 54 Rating, Add	*2,624.66*	
		For Class 55 Rating, Add	*3,913.07*	
		For Class 56 Rating, Add	*5,184.13*	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,515.45	1,220.19
		For Class 52 Rating, Deduct	*-623.33*	
		For Class 54 Rating, Add	*872.19*	
		For Class 55 Rating, Add	*1,308.04*	
		For Class 56 Rating, Add	*1,738.23*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,950.92	1,224.37
		For Class 52 Rating, Deduct	*-670.54*	
		For Class 54 Rating, Add	*936.63*	
		For Class 55 Rating, Add	*1,403.89*	
		For Class 56 Rating, Add	*1,865.05*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,386.39	1,228.54
		For Class 52 Rating, Deduct	*-717.75*	
		For Class 54 Rating, Add	*1,001.08*	
		For Class 55 Rating, Add	*1,499.74*	
		For Class 56 Rating, Add	*1,991.87*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,821.86	1,232.73
		For Class 52 Rating, Deduct	*-764.95*	
		For Class 54 Rating, Add	*1,065.53*	
		For Class 55 Rating, Add	*1,595.59*	
		For Class 56 Rating, Add	*2,118.70*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,257.34	1,236.91
		For Class 52 Rating, Deduct	*-812.16*	
		For Class 54 Rating, Add	*1,129.98*	
		For Class 55 Rating, Add	*1,691.44*	
		For Class 56 Rating, Add	*2,245.52*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,692.81	1,241.08
		For Class 52 Rating, Deduct	*-859.36*	
		For Class 54 Rating, Add	*1,194.42*	
		For Class 55 Rating, Add	*1,787.29*	
		For Class 56 Rating, Add	*2,372.35*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,128.29	1,245.26
		For Class 52 Rating, Deduct	*-906.57*	
		For Class 54 Rating, Add	*1,258.87*	
		For Class 55 Rating, Add	*1,883.14*	
		For Class 56 Rating, Add	*2,499.17*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,563.76	1,249.45
		For Class 52 Rating, Deduct	*-953.77*	
		For Class 54 Rating, Add	*1,323.32*	
		For Class 55 Rating, Add	*1,978.99*	
		For Class 56 Rating, Add	*2,626.00*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,999.23	1,253.62
		For Class 52 Rating, Deduct	*-1,000.98*	
		For Class 54 Rating, Add	*1,387.76*	
		For Class 55 Rating, Add	*2,074.84*	
		For Class 56 Rating, Add	*2,752.82*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,434.70	1,257.80
		For Class 52 Rating, Deduct	*-1,048.18*	
		For Class 54 Rating, Add	*1,452.21*	
		For Class 55 Rating, Add	*2,170.69*	
		For Class 56 Rating, Add	*2,879.65*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,870.18	1,261.97
		For Class 52 Rating, Deduct	*-1,095.39*	
		For Class 54 Rating, Add	*1,516.66*	
		For Class 55 Rating, Add	*2,266.54*	
		For Class 56 Rating, Add	*3,006.47*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,305.65	1,266.15
		For Class 52 Rating, Deduct	*-1,142.60*	
		For Class 54 Rating, Add	*1,581.11*	
		For Class 55 Rating, Add	*2,362.39*	
		For Class 56 Rating, Add	*3,133.30*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,741.13	1,270.34
		For Class 52 Rating, Deduct	*-1,189.80*	
		For Class 54 Rating, Add	*1,645.55*	
		For Class 55 Rating, Add	*2,458.25*	
		For Class 56 Rating, Add	*3,260.12*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,176.60	1,274.51
		For Class 52 Rating, Deduct	*-1,237.01*	
		For Class 54 Rating, Add	*1,710.00*	
		For Class 55 Rating, Add	*2,554.10*	
		For Class 56 Rating, Add	*3,386.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,612.07	1,278.69
		For Class 52 Rating, Deduct	*-1,284.21*	
		For Class 54 Rating, Add	*1,774.45*	
		For Class 55 Rating, Add	*2,649.95*	
		For Class 56 Rating, Add	*3,513.77*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,047.54	1,282.87
		For Class 52 Rating, Deduct	*-1,331.42*	
		For Class 54 Rating, Add	*1,838.89*	
		For Class 55 Rating, Add	*2,745.80*	
		For Class 56 Rating, Add	*3,640.60*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,483.01	1,287.05
		For Class 52 Rating, Deduct	*-1,378.62*	
		For Class 54 Rating, Add	*1,903.34*	
		For Class 55 Rating, Add	*2,841.65*	
		For Class 56 Rating, Add	*3,767.42*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,918.49	1,291.23
		For Class 52 Rating, Deduct	*-1,425.83*	
		For Class 54 Rating, Add	*1,967.79*	
		For Class 55 Rating, Add	*2,937.50*	
		For Class 56 Rating, Add	*3,894.24*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,353.97	1,295.41
		For Class 52 Rating, Deduct	*-1,473.04*	
		For Class 54 Rating, Add	*2,032.24*	
		For Class 55 Rating, Add	*3,033.35*	
		For Class 56 Rating, Add	*4,021.07*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,789.44	1,299.58
		For Class 52 Rating, Deduct	*-1,520.24*	
		For Class 54 Rating, Add	*2,096.68*	
		For Class 55 Rating, Add	*3,129.20*	
		For Class 56 Rating, Add	*4,147.90*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,224.91	1,303.77
		For Class 52 Rating, Deduct	*-1,567.45*	
		For Class 54 Rating, Add	*2,161.13*	
		For Class 55 Rating, Add	*3,225.05*	
		For Class 56 Rating, Add	*4,274.72*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,660.38	1,307.95
		For Class 52 Rating, Deduct	*-1,614.65*	
		For Class 54 Rating, Add	*2,225.58*	
		For Class 55 Rating, Add	*3,320.90*	
		For Class 56 Rating, Add	*4,401.54*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,095.85	1,312.12
		For Class 52 Rating, Deduct	*-1,661.86*	
		For Class 54 Rating, Add	*2,290.03*	
		For Class 55 Rating, Add	*3,416.75*	
		For Class 56 Rating, Add	*4,528.37*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,531.33	1,316.30
		For Class 52 Rating, Deduct	*-1,709.06*	
		For Class 54 Rating, Add	*2,354.47*	
		For Class 55 Rating, Add	*3,512.60*	
		For Class 56 Rating, Add	*4,655.19*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,966.81	1,320.47
		For Class 52 Rating, Deduct	*-1,756.27*	
		For Class 54 Rating, Add	*2,418.92*	
		For Class 55 Rating, Add	*3,608.45*	
		For Class 56 Rating, Add	*4,782.02*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,402.28	1,324.66
		For Class 52 Rating, Deduct	*-1,803.47*	
		For Class 54 Rating, Add	*2,483.37*	
		For Class 55 Rating, Add	*3,704.30*	
		For Class 56 Rating, Add	*4,908.84*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,837.75	1,328.84
		For Class 52 Rating, Deduct	*-1,850.68*	
		For Class 54 Rating, Add	*2,547.81*	
		For Class 55 Rating, Add	*3,800.15*	
		For Class 56 Rating, Add	*5,035.67*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,273.22	1,333.01
		For Class 52 Rating, Deduct	*-1,897.89*	
		For Class 54 Rating, Add	*2,612.26*	
		For Class 55 Rating, Add	*3,896.00*	
		For Class 56 Rating, Add	*5,162.49*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,708.69	1,337.19
		For Class 52 Rating, Deduct	*-1,945.09*	
		For Class 54 Rating, Add	*2,676.71*	
		For Class 55 Rating, Add	*3,991.85*	
		For Class 56 Rating, Add	*5,289.32*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,251.79	1,412.41
		For Class 52 Rating, Deduct	*-1,992.30*	
		For Class 54 Rating, Add	*2,742.45*	
		For Class 55 Rating, Add	*4,090.29*	
		For Class 56 Rating, Add	*5,420.02*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,687.26	1,416.59
		For Class 52 Rating, Deduct	*-2,039.50*	
		For Class 54 Rating, Add	*2,806.89*	
		For Class 55 Rating, Add	*4,186.14*	
		For Class 56 Rating, Add	*5,546.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,122.75	1,420.77
		For Class 52 Rating, Deduct	*-2,086.71*	
		For Class 54 Rating, Add	*2,871.34*	
		For Class 55 Rating, Add	*4,281.99*	
		For Class 56 Rating, Add	*5,673.67*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,558.22	1,424.95
		For Class 52 Rating, Deduct	*-2,133.91*	
		For Class 54 Rating, Add	*2,935.79*	
		For Class 55 Rating, Add	*4,377.84*	
		For Class 56 Rating, Add	*5,800.49*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,993.69	1,429.12
		For Class 52 Rating, Deduct	*-2,181.12*	
		For Class 54 Rating, Add	*3,000.24*	
		For Class 55 Rating, Add	*4,473.69*	
		For Class 56 Rating, Add	*5,927.32*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,429.16	1,433.31
		For Class 52 Rating, Deduct	*-2,228.32*	
		For Class 54 Rating, Add	*3,064.68*	
		For Class 55 Rating, Add	*4,569.54*	
		For Class 56 Rating, Add	*6,054.14*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,864.63	1,437.48
		For Class 52 Rating, Deduct	*-2,275.53*	
		For Class 54 Rating, Add	*3,129.13*	
		For Class 55 Rating, Add	*4,665.39*	
		For Class 56 Rating, Add	*6,180.96*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,300.10	1,441.66
		For Class 52 Rating, Deduct	*-2,322.73*	
		For Class 54 Rating, Add	*3,193.58*	
		For Class 55 Rating, Add	*4,761.24*	
		For Class 56 Rating, Add	*6,307.79*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,735.58	1,445.84
		For Class 52 Rating, Deduct	*-2,369.94*	
		For Class 54 Rating, Add	*3,258.03*	
		For Class 55 Rating, Add	*4,857.09*	
		For Class 56 Rating, Add	*6,434.62*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,618.00	1,721.63
		For Class 52 Rating, Deduct	*-991.04*	
		For Class 54 Rating, Add	*1,382.72*	
		For Class 55 Rating, Add	*2,071.71*	
		For Class 56 Rating, Add	*2,751.70*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,244.21	1,725.82
		For Class 52 Rating, Deduct	*-1,059.23*	
		For Class 54 Rating, Add	*1,475.78*	
		For Class 55 Rating, Add	*2,210.10*	
		For Class 56 Rating, Add	*2,934.79*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,870.41	1,730.00
		For Class 52 Rating, Deduct	*-1,127.41*	
		For Class 54 Rating, Add	*1,568.84*	
		For Class 55 Rating, Add	*2,348.48*	
		For Class 56 Rating, Add	*3,117.88*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,496.61	1,734.17
		For Class 52 Rating, Deduct	*-1,195.60*	
		For Class 54 Rating, Add	*1,661.89*	
		For Class 55 Rating, Add	*2,486.87*	
		For Class 56 Rating, Add	*3,300.97*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,122.81	1,738.35
		For Class 52 Rating, Deduct	*-1,263.78*	
		For Class 54 Rating, Add	*1,754.95*	
		For Class 55 Rating, Add	*2,625.25*	
		For Class 56 Rating, Add	*3,484.06*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,749.02	1,742.53
		For Class 52 Rating, Deduct	*-1,331.97*	
		For Class 54 Rating, Add	*1,848.01*	
		For Class 55 Rating, Add	*2,763.63*	
		For Class 56 Rating, Add	*3,667.15*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,375.22	1,746.71
		For Class 52 Rating, Deduct	*-1,400.16*	
		For Class 54 Rating, Add	*1,941.06*	
		For Class 55 Rating, Add	*2,902.01*	
		For Class 56 Rating, Add	*3,850.24*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,001.42	1,750.89
		For Class 52 Rating, Deduct	*-1,468.34*	
		For Class 54 Rating, Add	*2,034.12*	
		For Class 55 Rating, Add	*3,040.40*	
		For Class 56 Rating, Add	*4,033.33*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,627.62	1,755.06
		For Class 52 Rating, Deduct	*-1,536.53*	
		For Class 54 Rating, Add	*2,127.17*	
		For Class 55 Rating, Add	*3,178.78*	
		For Class 56 Rating, Add	*4,216.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,253.82	1,759.24
		For Class 52 Rating, Deduct	*-1,604.71*	
		For Class 54 Rating, Add	*2,220.23*	
		For Class 55 Rating, Add	*3,317.16*	
		For Class 56 Rating, Add	*4,399.51*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,880.03	1,763.43
		For Class 52 Rating, Deduct	*-1,672.90*	
		For Class 54 Rating, Add	*2,313.29*	
		For Class 55 Rating, Add	*3,455.55*	
		For Class 56 Rating, Add	*4,582.60*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,506.24	1,767.60
		For Class 52 Rating, Deduct	*-1,741.09*	
		For Class 54 Rating, Add	*2,406.35*	
		For Class 55 Rating, Add	*3,593.93*	
		For Class 56 Rating, Add	*4,765.69*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,132.44	1,771.78
		For Class 52 Rating, Deduct	*-1,809.27*	
		For Class 54 Rating, Add	*2,499.40*	
		For Class 55 Rating, Add	*3,732.31*	
		For Class 56 Rating, Add	*4,948.78*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,758.64	1,775.96
		For Class 52 Rating, Deduct	*-1,877.46*	
		For Class 54 Rating, Add	*2,592.46*	
		For Class 55 Rating, Add	*3,870.70*	
		For Class 56 Rating, Add	*5,131.87*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,384.84	1,780.14
		For Class 52 Rating, Deduct	*-1,945.64*	
		For Class 54 Rating, Add	*2,685.52*	
		For Class 55 Rating, Add	*4,009.08*	
		For Class 56 Rating, Add	*5,314.96*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,011.04	1,784.32
		For Class 52 Rating, Deduct	*-2,013.83*	
		For Class 54 Rating, Add	*2,778.57*	
		For Class 55 Rating, Add	*4,147.46*	
		For Class 56 Rating, Add	*5,498.05*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,637.24	1,788.50
		For Class 52 Rating, Deduct	*-2,082.01*	
		For Class 54 Rating, Add	*2,871.63*	
		For Class 55 Rating, Add	*4,285.85*	
		For Class 56 Rating, Add	*5,681.14*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,263.44	1,792.67
		For Class 52 Rating, Deduct	*-2,150.20*	
		For Class 54 Rating, Add	*2,964.68*	
		For Class 55 Rating, Add	*4,424.23*	
		For Class 56 Rating, Add	*5,864.23*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,889.66	1,796.86
		For Class 52 Rating, Deduct	*-2,218.39*	
		For Class 54 Rating, Add	*3,057.74*	
		For Class 55 Rating, Add	*4,562.61*	
		For Class 56 Rating, Add	*6,047.32*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,515.86	1,801.03
		For Class 52 Rating, Deduct	*-2,286.57*	
		For Class 54 Rating, Add	*3,150.80*	
		For Class 55 Rating, Add	*4,701.00*	
		For Class 56 Rating, Add	*6,230.41*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,142.06	1,805.21
		For Class 52 Rating, Deduct	*-2,354.76*	
		For Class 54 Rating, Add	*3,243.86*	
		For Class 55 Rating, Add	*4,839.38*	
		For Class 56 Rating, Add	*6,413.50*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,768.26	1,809.39
		For Class 52 Rating, Deduct	*-2,422.94*	
		For Class 54 Rating, Add	*3,336.91*	
		For Class 55 Rating, Add	*4,977.76*	
		For Class 56 Rating, Add	*6,596.59*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,394.46	1,813.56
		For Class 52 Rating, Deduct	*-2,491.13*	
		For Class 54 Rating, Add	*3,429.97*	
		For Class 55 Rating, Add	*5,116.15*	
		For Class 56 Rating, Add	*6,779.68*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,020.66	1,817.75
		For Class 52 Rating, Deduct	*-2,559.32*	
		For Class 54 Rating, Add	*3,523.02*	
		For Class 55 Rating, Add	*5,254.53*	
		For Class 56 Rating, Add	*6,962.77*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,644.36	1,821.93
		For Class 52 Rating, Deduct	*-2,627.22*	
		For Class 54 Rating, Add	*3,615.71*	
		For Class 55 Rating, Add	*5,392.35*	
		For Class 56 Rating, Add	*7,145.12*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,273.07	1,826.10
		For Class 52 Rating, Deduct	*-2,695.69*	
		For Class 54 Rating, Add	*3,709.14*	
		For Class 55 Rating, Add	*5,531.30*	
		For Class 56 Rating, Add	*7,328.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,899.28	1,830.28
		For Class 52 Rating, Deduct	*-2,763.87*	
		For Class 54 Rating, Add	*3,802.20*	
		For Class 55 Rating, Add	*5,669.68*	
		For Class 56 Rating, Add	*7,512.04*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,525.48	1,834.47
		For Class 52 Rating, Deduct	*-2,832.06*	
		For Class 54 Rating, Add	*3,895.25*	
		For Class 55 Rating, Add	*5,808.06*	
		For Class 56 Rating, Add	*7,695.13*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,151.68	1,838.64
		For Class 52 Rating, Deduct	*-2,900.24*	
		For Class 54 Rating, Add	*3,988.31*	
		For Class 55 Rating, Add	*5,946.45*	
		For Class 56 Rating, Add	*7,878.22*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,777.88	1,842.82
		For Class 52 Rating, Deduct	*-2,968.43*	
		For Class 54 Rating, Add	*4,081.37*	
		For Class 55 Rating, Add	*6,084.83*	
		For Class 56 Rating, Add	*8,061.31*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,404.09	1,847.00
		For Class 52 Rating, Deduct	*-3,036.62*	
		For Class 54 Rating, Add	*4,174.42*	
		For Class 55 Rating, Add	*6,223.21*	
		For Class 56 Rating, Add	*8,244.40*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,030.29	1,851.18
		For Class 52 Rating, Deduct	*-3,104.80*	
		For Class 54 Rating, Add	*4,267.48*	
		For Class 55 Rating, Add	*6,361.60*	
		For Class 56 Rating, Add	*8,427.49*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,656.49	1,855.36
		For Class 52 Rating, Deduct	*-3,172.99*	
		For Class 54 Rating, Add	*4,360.53*	
		For Class 55 Rating, Add	*6,499.98*	
		For Class 56 Rating, Add	*8,610.58*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,282.69	1,859.54
		For Class 52 Rating, Deduct	*-3,241.17*	
		For Class 54 Rating, Add	*4,453.59*	
		For Class 55 Rating, Add	*6,638.36*	
		For Class 56 Rating, Add	*8,793.67*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,908.89	1,863.71
		For Class 52 Rating, Deduct	*-3,309.36*	
		For Class 54 Rating, Add	*4,546.65*	
		For Class 55 Rating, Add	*6,776.74*	
		For Class 56 Rating, Add	*8,976.76*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,535.10	1,867.89
		For Class 52 Rating, Deduct	*-3,377.55*	
		For Class 54 Rating, Add	*4,639.71*	
		For Class 55 Rating, Add	*6,915.13*	
		For Class 56 Rating, Add	*9,159.85*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,161.30	1,872.07
		For Class 52 Rating, Deduct	*-3,445.73*	
		For Class 54 Rating, Add	*4,732.76*	
		For Class 55 Rating, Add	*7,053.51*	
		For Class 56 Rating, Add	*9,342.94*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,787.51	1,876.25
		For Class 52 Rating, Deduct	*-3,513.92*	
		For Class 54 Rating, Add	*4,825.82*	
		For Class 55 Rating, Add	*7,191.90*	
		For Class 56 Rating, Add	*9,526.03*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,196.81	2,181.30
		For Class 52 Rating, Deduct	*-1,418.10*	
		For Class 54 Rating, Add	*1,973.43*	
		For Class 55 Rating, Add	*2,954.20*	
		For Class 56 Rating, Add	*3,922.07*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,046.36	2,185.48
		For Class 52 Rating, Deduct	*-1,510.85*	
		For Class 54 Rating, Add	*2,099.99*	
		For Class 55 Rating, Add	*3,142.39*	
		For Class 56 Rating, Add	*4,171.04*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,895.92	2,189.65
		For Class 52 Rating, Deduct	*-1,603.61*	
		For Class 54 Rating, Add	*2,226.55*	
		For Class 55 Rating, Add	*3,330.58*	
		For Class 56 Rating, Add	*4,420.03*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,745.48	2,193.83
		For Class 52 Rating, Deduct	*-1,696.36*	
		For Class 54 Rating, Add	*2,353.11*	
		For Class 55 Rating, Add	*3,518.77*	
		For Class 56 Rating, Add	*4,669.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,595.04	2,198.02
		For Class 52 Rating, Deduct	*-1,789.12*	
		For Class 54 Rating, Add	*2,479.67*	
		For Class 55 Rating, Add	*3,706.96*	
		For Class 56 Rating, Add	*4,917.98*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,444.59	2,202.19
		For Class 52 Rating, Deduct	*-1,881.87*	
		For Class 54 Rating, Add	*2,606.23*	
		For Class 55 Rating, Add	*3,895.15*	
		For Class 56 Rating, Add	*5,166.96*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,294.15	2,206.37
		For Class 52 Rating, Deduct	*-1,974.63*	
		For Class 54 Rating, Add	*2,732.79*	
		For Class 55 Rating, Add	*4,083.34*	
		For Class 56 Rating, Add	*5,415.94*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,143.70	2,210.55
		For Class 52 Rating, Deduct	*-2,067.38*	
		For Class 54 Rating, Add	*2,859.35*	
		For Class 55 Rating, Add	*4,271.53*	
		For Class 56 Rating, Add	*5,664.92*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,993.26	2,214.72
		For Class 52 Rating, Deduct	*-2,160.14*	
		For Class 54 Rating, Add	*2,985.91*	
		For Class 55 Rating, Add	*4,459.72*	
		For Class 56 Rating, Add	*5,913.90*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,842.83	2,218.91
		For Class 52 Rating, Deduct	*-2,252.89*	
		For Class 54 Rating, Add	*3,112.47*	
		For Class 55 Rating, Add	*4,647.92*	
		For Class 56 Rating, Add	*6,162.88*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,692.38	2,223.09
		For Class 52 Rating, Deduct	*-2,345.65*	
		For Class 54 Rating, Add	*3,239.03*	
		For Class 55 Rating, Add	*4,836.11*	
		For Class 56 Rating, Add	*6,411.86*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,541.94	2,227.26
		For Class 52 Rating, Deduct	*-2,438.40*	
		For Class 54 Rating, Add	*3,365.59*	
		For Class 55 Rating, Add	*5,024.30*	
		For Class 56 Rating, Add	*6,660.84*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,391.49	2,231.44
		For Class 52 Rating, Deduct	*-2,531.16*	
		For Class 54 Rating, Add	*3,492.15*	
		For Class 55 Rating, Add	*5,212.49*	
		For Class 56 Rating, Add	*6,909.82*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,241.05	2,235.62
		For Class 52 Rating, Deduct	*-2,623.91*	
		For Class 54 Rating, Add	*3,618.71*	
		For Class 55 Rating, Add	*5,400.68*	
		For Class 56 Rating, Add	*7,158.80*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,090.60	2,239.80
		For Class 52 Rating, Deduct	*-2,716.67*	
		For Class 54 Rating, Add	*3,745.27*	
		For Class 55 Rating, Add	*5,588.87*	
		For Class 56 Rating, Add	*7,407.78*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,940.17	2,243.98
		For Class 52 Rating, Deduct	*-2,809.42*	
		For Class 54 Rating, Add	*3,871.83*	
		For Class 55 Rating, Add	*5,777.06*	
		For Class 56 Rating, Add	*7,656.76*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,789.72	2,248.15
		For Class 52 Rating, Deduct	*-2,902.18*	
		For Class 54 Rating, Add	*3,998.39*	
		For Class 55 Rating, Add	*5,965.25*	
		For Class 56 Rating, Add	*7,905.74*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,639.28	2,252.34
		For Class 52 Rating, Deduct	*-2,994.93*	
		For Class 54 Rating, Add	*4,124.95*	
		For Class 55 Rating, Add	*6,153.45*	
		For Class 56 Rating, Add	*8,154.72*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,488.84	2,256.52
		For Class 52 Rating, Deduct	*-3,087.69*	
		For Class 54 Rating, Add	*4,251.51*	
		For Class 55 Rating, Add	*6,341.64*	
		For Class 56 Rating, Add	*8,403.70*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,338.39	2,260.69
		For Class 52 Rating, Deduct	*-3,180.44*	
		For Class 54 Rating, Add	*4,378.07*	
		For Class 55 Rating, Add	*6,529.83*	
		For Class 56 Rating, Add	*8,652.67*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,187.95	2,264.87
		For Class 52 Rating, Deduct	*-3,273.20*	
		For Class 54 Rating, Add	*4,504.63*	
		For Class 55 Rating, Add	*6,718.02*	
		For Class 56 Rating, Add	*8,901.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,037.50	2,269.05
		For Class 52 Rating, Deduct	*-3,365.95*	
		For Class 54 Rating, Add	*4,631.19*	
		For Class 55 Rating, Add	*6,906.21*	
		For Class 56 Rating, Add	*9,150.63*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,887.07	2,273.23
		For Class 52 Rating, Deduct	*-3,458.71*	
		For Class 54 Rating, Add	*4,757.75*	
		For Class 55 Rating, Add	*7,094.40*	
		For Class 56 Rating, Add	*9,399.61*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,736.62	2,277.41
		For Class 52 Rating, Deduct	*-3,551.46*	
		For Class 54 Rating, Add	*4,884.31*	
		For Class 55 Rating, Add	*7,282.59*	
		For Class 56 Rating, Add	*9,648.59*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,586.18	2,281.59
		For Class 52 Rating, Deduct	*-3,644.22*	
		For Class 54 Rating, Add	*5,010.87*	
		For Class 55 Rating, Add	*7,470.79*	
		For Class 56 Rating, Add	*9,897.57*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,435.74	2,285.76
		For Class 52 Rating, Deduct	*-3,736.97*	
		For Class 54 Rating, Add	*5,137.43*	
		For Class 55 Rating, Add	*7,658.98*	
		For Class 56 Rating, Add	*10,146.55*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,285.29	2,289.95
		For Class 52 Rating, Deduct	*-3,829.72*	
		For Class 54 Rating, Add	*5,263.99*	
		For Class 55 Rating, Add	*7,847.17*	
		For Class 56 Rating, Add	*10,395.53*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,134.85	2,294.12
		For Class 52 Rating, Deduct	*-3,922.48*	
		For Class 54 Rating, Add	*5,390.55*	
		For Class 55 Rating, Add	*8,035.36*	
		For Class 56 Rating, Add	*10,644.51*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,984.41	2,298.30
		For Class 52 Rating, Deduct	*-4,015.23*	
		For Class 54 Rating, Add	*5,517.11*	
		For Class 55 Rating, Add	*8,223.55*	
		For Class 56 Rating, Add	*10,893.49*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,833.97	2,302.48
		For Class 52 Rating, Deduct	*-4,107.99*	
		For Class 54 Rating, Add	*5,643.67*	
		For Class 55 Rating, Add	*8,411.74*	
		For Class 56 Rating, Add	*11,142.47*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,683.52	2,306.66
		For Class 52 Rating, Deduct	*-4,200.74*	
		For Class 54 Rating, Add	*5,770.23*	
		For Class 55 Rating, Add	*8,599.93*	
		For Class 56 Rating, Add	*11,391.45*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,533.08	2,310.84
		For Class 52 Rating, Deduct	*-4,293.50*	
		For Class 54 Rating, Add	*5,896.79*	
		For Class 55 Rating, Add	*8,788.12*	
		For Class 56 Rating, Add	*11,640.43*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,382.63	2,315.02
		For Class 52 Rating, Deduct	*-4,386.25*	
		For Class 54 Rating, Add	*6,023.35*	
		For Class 55 Rating, Add	*8,976.31*	
		For Class 56 Rating, Add	*11,889.41*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,232.19	2,319.19
		For Class 52 Rating, Deduct	*-4,479.01*	
		For Class 54 Rating, Add	*6,149.91*	
		For Class 55 Rating, Add	*9,164.51*	
		For Class 56 Rating, Add	*12,138.39*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,081.75	2,323.37
		For Class 52 Rating, Deduct	*-4,571.76*	
		For Class 54 Rating, Add	*6,276.47*	
		For Class 55 Rating, Add	*9,352.70*	
		For Class 56 Rating, Add	*12,387.37*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,931.31	2,327.56
		For Class 52 Rating, Deduct	*-4,664.52*	
		For Class 54 Rating, Add	*6,403.03*	
		For Class 55 Rating, Add	*9,540.89*	
		For Class 56 Rating, Add	*12,636.35*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,780.87	2,331.73
		For Class 52 Rating, Deduct	*-4,757.27*	
		For Class 54 Rating, Add	*6,529.59*	
		For Class 55 Rating, Add	*9,729.08*	
		For Class 56 Rating, Add	*12,885.33*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,630.42	2,335.91
		For Class 52 Rating, Deduct	*-4,850.03*	
		For Class 54 Rating, Add	*6,656.15*	
		For Class 55 Rating, Add	*9,917.27*	
		For Class 56 Rating, Add	*13,134.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476		42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,364.36	2,749.61
		For Class 52 Rating, Deduct	*-1,891.81*	
		For Class 54 Rating, Add	*2,629.74*	
		For Class 55 Rating, Add	*3,935.20*	
		For Class 56 Rating, Add	*5,223.47*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,630.51	2,753.78
		For Class 52 Rating, Deduct	*-2,030.39*	
		For Class 54 Rating, Add	*2,818.79*	
		For Class 55 Rating, Add	*4,216.30*	
		For Class 56 Rating, Add	*5,595.35*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,881.60	2,757.96
		For Class 52 Rating, Deduct	*-2,167.32*	
		For Class 54 Rating, Add	*3,005.58*	
		For Class 55 Rating, Add	*4,494.03*	
		For Class 56 Rating, Add	*5,962.78*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,145.24	2,762.15
		For Class 52 Rating, Deduct	*-2,305.62*	
		For Class 54 Rating, Add	*3,194.25*	
		For Class 55 Rating, Add	*4,774.56*	
		For Class 56 Rating, Add	*6,333.92*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,396.33	2,766.32
		For Class 52 Rating, Deduct	*-2,442.54*	
		For Class 54 Rating, Add	*3,381.04*	
		For Class 55 Rating, Add	*5,052.29*	
		For Class 56 Rating, Add	*6,701.35*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,662.48	2,770.50
		For Class 52 Rating, Deduct	*-2,581.12*	
		For Class 54 Rating, Add	*3,570.09*	
		For Class 55 Rating, Add	*5,333.39*	
		For Class 56 Rating, Add	*7,073.22*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,911.06	2,774.68
		For Class 52 Rating, Deduct	*-2,717.77*	
		For Class 54 Rating, Add	*3,756.50*	
		For Class 55 Rating, Add	*5,610.56*	
		For Class 56 Rating, Add	*7,439.91*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,177.22	2,778.85
		For Class 52 Rating, Deduct	*-2,856.35*	
		For Class 54 Rating, Add	*3,945.55*	
		For Class 55 Rating, Add	*5,891.65*	
		For Class 56 Rating, Add	*7,811.79*	
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,428.31	2,783.04
		For Class 52 Rating, Deduct	*-2,993.27*	
		For Class 54 Rating, Add	*4,132.34*	
		For Class 55 Rating, Add	*6,169.39*	
		For Class 56 Rating, Add	*8,179.22*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,691.95	2,787.21
		For Class 52 Rating, Deduct	*-3,131.58*	
		For Class 54 Rating, Add	*4,321.01*	
		For Class 55 Rating, Add	*6,449.92*	
		For Class 56 Rating, Add	*8,550.36*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,943.04	2,791.39
		For Class 52 Rating, Deduct	*-3,268.50*	
		For Class 54 Rating, Add	*4,507.80*	
		For Class 55 Rating, Add	*6,727.65*	
		For Class 56 Rating, Add	*8,917.79*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,206.68	2,795.57
		For Class 52 Rating, Deduct	*-3,406.81*	
		For Class 54 Rating, Add	*4,696.47*	
		For Class 55 Rating, Add	*7,008.18*	
		For Class 56 Rating, Add	*9,288.92*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,457.78	2,799.75
		For Class 52 Rating, Deduct	*-3,543.73*	
		For Class 54 Rating, Add	*4,883.27*	
		For Class 55 Rating, Add	*7,285.92*	
		For Class 56 Rating, Add	*9,656.36*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,711.39	2,803.93
		For Class 52 Rating, Deduct	*-3,680.93*	
		For Class 54 Rating, Add	*5,070.43*	
		For Class 55 Rating, Add	*7,564.21*	
		For Class 56 Rating, Add	*10,024.53*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,972.52	2,808.11
		For Class 52 Rating, Deduct	*-3,818.96*	
		For Class 54 Rating, Add	*5,258.73*	
		For Class 55 Rating, Add	*7,844.18*	
		For Class 56 Rating, Add	*10,394.92*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,223.61	2,812.28
		For Class 52 Rating, Deduct	*-3,955.88*	
		For Class 54 Rating, Add	*5,445.52*	
		For Class 55 Rating, Add	*8,121.92*	
		For Class 56 Rating, Add	*10,762.36*	
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,489.76	2,816.46
		For Class 52 Rating, Deduct	*-4,094.46*	
		For Class 54 Rating, Add	*5,634.57*	
		For Class 55 Rating, Add	*8,403.01*	
		For Class 56 Rating, Add	*11,134.23*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,740.85	2,820.65
		For Class 52 Rating, Deduct	*-4,231.39*	
		For Class 54 Rating, Add	*5,821.36*	
		For Class 55 Rating, Add	*8,680.74*	
		For Class 56 Rating, Add	*11,501.66*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,004.49	2,824.82
		For Class 52 Rating, Deduct	*-4,369.69*	
		For Class 54 Rating, Add	*6,010.03*	
		For Class 55 Rating, Add	*8,961.28*	
		For Class 56 Rating, Add	*11,872.80*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,255.59	2,829.00
		For Class 52 Rating, Deduct	*-4,506.61*	
		For Class 54 Rating, Add	*6,196.82*	
		For Class 55 Rating, Add	*9,239.01*	
		For Class 56 Rating, Add	*12,240.23*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,521.74	2,833.18
		For Class 52 Rating, Deduct	*-4,645.19*	
		For Class 54 Rating, Add	*6,385.87*	
		For Class 55 Rating, Add	*9,520.10*	
		For Class 56 Rating, Add	*12,612.10*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,772.83	2,837.36
		For Class 52 Rating, Deduct	*-4,782.12*	
		For Class 54 Rating, Add	*6,572.66*	
		For Class 55 Rating, Add	*9,797.83*	
		For Class 56 Rating, Add	*12,979.54*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,036.47	2,841.54
		For Class 52 Rating, Deduct	*-4,920.42*	
		For Class 54 Rating, Add	*6,761.33*	
		For Class 55 Rating, Add	*10,078.37*	
		For Class 56 Rating, Add	*13,350.67*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,287.56	2,845.71
		For Class 52 Rating, Deduct	*-5,057.35*	
		For Class 54 Rating, Add	*6,948.12*	
		For Class 55 Rating, Add	*10,356.10*	
		For Class 56 Rating, Add	*13,718.10*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,553.71	2,849.89
		For Class 52 Rating, Deduct	*-5,195.93*	
		For Class 54 Rating, Add	*7,137.17*	
		For Class 55 Rating, Add	*10,637.19*	
		For Class 56 Rating, Add	*14,089.98*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,804.80	2,854.08
		For Class 52 Rating, Deduct	*-5,332.85*	
		For Class 54 Rating, Add	*7,323.96*	
		For Class 55 Rating, Add	*10,914.92*	
		For Class 56 Rating, Add	*14,457.41*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,065.94	2,858.25
		For Class 52 Rating, Deduct	*-5,470.88*	
		For Class 54 Rating, Add	*7,512.26*	
		For Class 55 Rating, Add	*11,194.90*	
		For Class 56 Rating, Add	*14,827.80*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,319.54	2,862.43
		For Class 52 Rating, Deduct	*-5,608.08*	
		For Class 54 Rating, Add	*7,699.42*	
		For Class 55 Rating, Add	*11,473.19*	
		For Class 56 Rating, Add	*15,195.98*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,319.68	2,866.61
		For Class 52 Rating, Deduct	*-5,717.40*	
		For Class 54 Rating, Add	*7,848.57*	
		For Class 55 Rating, Add	*11,694.96*	
		For Class 56 Rating, Add	*15,489.38*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,834.28	2,870.78
		For Class 52 Rating, Deduct	*-5,883.31*	
		For Class 54 Rating, Add	*8,074.89*	
		For Class 55 Rating, Add	*12,031.46*	
		For Class 56 Rating, Add	*15,934.55*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,085.37	2,874.97
		For Class 52 Rating, Deduct	*-6,020.23*	
		For Class 54 Rating, Add	*8,261.68*	
		For Class 55 Rating, Add	*12,309.19*	
		For Class 56 Rating, Add	*16,301.98*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,349.01	2,879.15
		For Class 52 Rating, Deduct	*-6,158.53*	
		For Class 54 Rating, Add	*8,450.35*	
		For Class 55 Rating, Add	*12,589.72*	
		For Class 56 Rating, Add	*16,673.11*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,600.11	2,883.32
		For Class 52 Rating, Deduct	*-6,295.46*	
		For Class 54 Rating, Add	*8,637.14*	
		For Class 55 Rating, Add	*12,867.46*	
		For Class 56 Rating, Add	*17,040.54*	
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,866.26	2,887.50
		For Class 52 Rating, Deduct	*-6,434.04*	
		For Class 54 Rating, Add	*8,826.19*	
		For Class 55 Rating, Add	*13,148.55*	
		For Class 56 Rating, Add	*17,412.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,114.84	2,891.69
		For Class 52 Rating, Deduct	*-6,570.69*	
		For Class 54 Rating, Add	*9,012.60*	
		For Class 55 Rating, Add	*13,425.72*	
		For Class 56 Rating, Add	*17,779.11*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,380.99	2,895.86
		For Class 52 Rating, Deduct	*-6,709.27*	
		For Class 54 Rating, Add	*9,201.65*	
		For Class 55 Rating, Add	*13,706.81*	
		For Class 56 Rating, Add	*18,150.99*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,632.08	2,900.04
		For Class 52 Rating, Deduct	*-6,846.19*	
		For Class 54 Rating, Add	*9,388.44*	
		For Class 55 Rating, Add	*13,984.55*	
		For Class 56 Rating, Add	*18,518.42*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,895.72	2,904.21
		For Class 52 Rating, Deduct	*-6,984.49*	
		For Class 54 Rating, Add	*9,577.11*	
		For Class 55 Rating, Add	*14,265.08*	
		For Class 56 Rating, Add	*18,889.55*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,798.55	3,455.81
		For Class 52 Rating, Deduct	*-2,371.87*	
		For Class 54 Rating, Add	*3,297.20*	
		For Class 55 Rating, Add	*4,934.10*	
		For Class 56 Rating, Add	*6,549.43*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,639.40	3,459.99
		For Class 52 Rating, Deduct	*-2,573.67*	
		For Class 54 Rating, Add	*3,572.46*	
		For Class 55 Rating, Add	*5,343.35*	
		For Class 56 Rating, Add	*7,090.84*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,477.74	3,464.17
		For Class 52 Rating, Deduct	*-2,775.19*	
		For Class 54 Rating, Add	*3,847.34*	
		For Class 55 Rating, Add	*5,752.04*	
		For Class 56 Rating, Add	*7,631.51*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,331.14	3,468.34
		For Class 52 Rating, Deduct	*-2,978.37*	
		For Class 54 Rating, Add	*4,124.47*	
		For Class 55 Rating, Add	*6,164.09*	
		For Class 56 Rating, Add	*8,176.62*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,171.99	3,472.52
		For Class 52 Rating, Deduct	*-3,180.16*	
		For Class 54 Rating, Add	*4,399.73*	
		For Class 55 Rating, Add	*6,573.34*	
		For Class 56 Rating, Add	*8,718.03*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,012.84	3,476.71
		For Class 52 Rating, Deduct	*-3,381.96*	
		For Class 54 Rating, Add	*4,674.98*	
		For Class 55 Rating, Add	*6,982.59*	
		For Class 56 Rating, Add	*9,259.45*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,863.73	3,480.88
		For Class 52 Rating, Deduct	*-3,584.86*	
		For Class 54 Rating, Add	*4,951.74*	
		For Class 55 Rating, Add	*7,394.07*	
		For Class 56 Rating, Add	*9,803.82*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,707.08	3,485.06
		For Class 52 Rating, Deduct	*-3,786.94*	
		For Class 54 Rating, Add	*5,227.37*	
		For Class 55 Rating, Add	*7,803.88*	
		For Class 56 Rating, Add	*10,345.97*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,545.42	3,489.24
		For Class 52 Rating, Deduct	*-3,988.46*	
		For Class 54 Rating, Add	*5,502.25*	
		For Class 55 Rating, Add	*8,212.57*	
		For Class 56 Rating, Add	*10,886.64*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,398.83	3,493.42
		For Class 52 Rating, Deduct	*-4,191.63*	
		For Class 54 Rating, Add	*5,779.38*	
		For Class 55 Rating, Add	*8,624.62*	
		For Class 56 Rating, Add	*11,431.75*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,239.67	3,497.60
		For Class 52 Rating, Deduct	*-4,393.43*	
		For Class 54 Rating, Add	*6,054.63*	
		For Class 55 Rating, Add	*9,033.87*	
		For Class 56 Rating, Add	*11,973.16*	
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,093.07	3,501.78
		For Class 52 Rating, Deduct	*-4,596.61*	
		For Class 54 Rating, Add	*6,331.77*	
		For Class 55 Rating, Add	*9,445.92*	
		For Class 56 Rating, Add	*12,518.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,931.41	3,505.95
		For Class 52 Rating, Deduct	*-4,798.13*	
		For Class 54 Rating, Add	*6,606.65*	
		For Class 55 Rating, Add	*9,854.61*	
		For Class 56 Rating, Add	*13,058.95*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,772.26	3,510.14
		For Class 52 Rating, Deduct	*-4,999.93*	
		For Class 54 Rating, Add	*6,881.90*	
		For Class 55 Rating, Add	*10,263.86*	
		For Class 56 Rating, Add	*13,600.36*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,625.65	3,514.31
		For Class 52 Rating, Deduct	*-5,203.10*	
		For Class 54 Rating, Add	*7,159.04*	
		For Class 55 Rating, Add	*10,675.90*	
		For Class 56 Rating, Add	*14,145.47*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,466.50	3,518.49
		For Class 52 Rating, Deduct	*-5,404.90*	
		For Class 54 Rating, Add	*7,434.29*	
		For Class 55 Rating, Add	*11,085.15*	
		For Class 56 Rating, Add	*14,686.88*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,304.85	3,522.67
		For Class 52 Rating, Deduct	*-5,606.42*	
		For Class 54 Rating, Add	*7,709.17*	
		For Class 55 Rating, Add	*11,493.84*	
		For Class 56 Rating, Add	*15,227.55*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,158.24	3,526.84
		For Class 52 Rating, Deduct	*-5,809.60*	
		For Class 54 Rating, Add	*7,986.30*	
		For Class 55 Rating, Add	*11,905.89*	
		For Class 56 Rating, Add	*15,772.66*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,999.09	3,531.03
		For Class 52 Rating, Deduct	*-6,011.40*	
		For Class 54 Rating, Add	*8,261.56*	
		For Class 55 Rating, Add	*12,315.14*	
		For Class 56 Rating, Add	*16,314.07*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,837.43	3,535.21
		For Class 52 Rating, Deduct	*-6,212.92*	
		For Class 54 Rating, Add	*8,536.44*	
		For Class 55 Rating, Add	*12,723.83*	
		For Class 56 Rating, Add	*16,854.74*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,690.82	3,539.38
		For Class 52 Rating, Deduct	*-6,416.09*	
		For Class 54 Rating, Add	*8,813.57*	
		For Class 55 Rating, Add	*13,135.88*	
		For Class 56 Rating, Add	*17,399.85*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,534.18	3,543.56
		For Class 52 Rating, Deduct	*-6,618.17*	
		For Class 54 Rating, Add	*9,089.20*	
		For Class 55 Rating, Add	*13,545.69*	
		For Class 56 Rating, Add	*17,942.00*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,372.53	3,547.75
		For Class 52 Rating, Deduct	*-6,819.69*	
		For Class 54 Rating, Add	*9,364.08*	
		For Class 55 Rating, Add	*13,954.38*	
		For Class 56 Rating, Add	*18,482.68*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,225.92	3,551.92
		For Class 52 Rating, Deduct	*-7,022.86*	
		For Class 54 Rating, Add	*9,641.21*	
		For Class 55 Rating, Add	*14,366.42*	
		For Class 56 Rating, Add	*19,027.79*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,066.77	3,556.10
		For Class 52 Rating, Deduct	*-7,224.66*	
		For Class 54 Rating, Add	*9,916.47*	
		For Class 55 Rating, Add	*14,775.67*	
		For Class 56 Rating, Add	*19,569.20*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,905.11	3,560.28
		For Class 52 Rating, Deduct	*-7,426.18*	
		For Class 54 Rating, Add	*10,191.34*	
		For Class 55 Rating, Add	*15,184.36*	
		For Class 56 Rating, Add	*20,109.87*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,758.51	3,564.46
		For Class 52 Rating, Deduct	*-7,629.36*	
		For Class 54 Rating, Add	*10,468.48*	
		For Class 55 Rating, Add	*15,596.41*	
		For Class 56 Rating, Add	*20,654.98*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	76,599.35	3,568.64
		For Class 52 Rating, Deduct	*-7,831.16*	
		For Class 54 Rating, Add	*10,743.73*	
		For Class 55 Rating, Add	*16,005.66*	
		For Class 56 Rating, Add	*21,196.39*	
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	78,214.35	3,572.81
		For Class 52 Rating, Deduct	*-8,008.11*	
		For Class 54 Rating, Add	*10,985.11*	
		For Class 55 Rating, Add	*16,364.54*	
		For Class 56 Rating, Add	*21,671.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,293.61	3,576.99
		For Class 52 Rating, Deduct	*-8,236.13*	
		For Class 54 Rating, Add	*11,296.12*	
		For Class 55 Rating, Add	*16,826.96*	
		For Class 56 Rating, Add	*22,282.92*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,131.94	3,581.17
		For Class 52 Rating, Deduct	*-8,437.65*	
		For Class 54 Rating, Add	*11,571.00*	
		For Class 55 Rating, Add	*17,235.64*	
		For Class 56 Rating, Add	*22,823.58*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	83,987.85	3,585.35
		For Class 52 Rating, Deduct	*-8,641.11*	
		For Class 54 Rating, Add	*11,848.51*	
		For Class 55 Rating, Add	*17,648.25*	
		For Class 56 Rating, Add	*23,369.44*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	85,826.19	3,589.53
		For Class 52 Rating, Deduct	*-8,842.63*	
		For Class 54 Rating, Add	*12,123.39*	
		For Class 55 Rating, Add	*18,056.94*	
		For Class 56 Rating, Add	*23,910.11*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	87,664.53	3,593.71
		For Class 52 Rating, Deduct	*-9,044.15*	
		For Class 54 Rating, Add	*12,398.27*	
		For Class 55 Rating, Add	*18,465.63*	
		For Class 56 Rating, Add	*24,450.78*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	89,520.43	3,597.88
		For Class 52 Rating, Deduct	*-9,247.60*	
		For Class 54 Rating, Add	*12,675.78*	
		For Class 55 Rating, Add	*18,878.24*	
		For Class 56 Rating, Add	*24,996.63*	
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	91,358.78	3,602.07
		For Class 52 Rating, Deduct	*-9,449.12*	
		For Class 54 Rating, Add	*12,950.66*	
		For Class 55 Rating, Add	*19,286.93*	
		For Class 56 Rating, Add	*25,537.30*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	93,199.63	3,606.25
		For Class 52 Rating, Deduct	*-9,650.92*	
		For Class 54 Rating, Add	*13,225.91*	
		For Class 55 Rating, Add	*19,696.18*	
		For Class 56 Rating, Add	*26,078.71*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	95,053.02	3,610.42
		For Class 52 Rating, Deduct	*-9,854.09*	
		For Class 54 Rating, Add	*13,503.05*	
		For Class 55 Rating, Add	*20,108.23*	
		For Class 56 Rating, Add	*26,623.82*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	716.36	191.22
		For Class 52 Rating, Deduct	*-46.93*	
		For Class 54 Rating, Add	*67.47*	
		For Class 55 Rating, Add	*102.09*	
		For Class 56 Rating, Add	*136.29*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	786.67	194.56
		For Class 52 Rating, Deduct	*-54.11*	
		For Class 54 Rating, Add	*77.32*	
		For Class 55 Rating, Add	*116.76*	
		For Class 56 Rating, Add	*155.72*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	856.98	197.91
		For Class 52 Rating, Deduct	*-61.28*	
		For Class 54 Rating, Add	*87.17*	
		For Class 55 Rating, Add	*131.44*	
		For Class 56 Rating, Add	*175.15*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	927.30	201.25
		For Class 52 Rating, Deduct	*-68.46*	
		For Class 54 Rating, Add	*97.02*	
		For Class 55 Rating, Add	*146.11*	
		For Class 56 Rating, Add	*194.58*	
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	997.62	204.60
		For Class 52 Rating, Deduct	*-75.64*	
		For Class 54 Rating, Add	*106.86*	
		For Class 55 Rating, Add	*160.78*	
		For Class 56 Rating, Add	*214.01*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,067.93	207.93
		For Class 52 Rating, Deduct	*-82.82*	
		For Class 54 Rating, Add	*116.71*	
		For Class 55 Rating, Add	*175.45*	
		For Class 56 Rating, Add	*233.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,138.25	211.28
		For Class 52 Rating, Deduct	*-89.99*	
		For Class 54 Rating, Add	*126.56*	
		For Class 55 Rating, Add	*190.13*	
		For Class 56 Rating, Add	*252.87*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,208.56	214.62
		For Class 52 Rating, Deduct	*-97.17*	
		For Class 54 Rating, Add	*136.41*	
		For Class 55 Rating, Add	*204.80*	
		For Class 56 Rating, Add	*272.30*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,278.87	217.97
		For Class 52 Rating, Deduct	*-104.35*	
		For Class 54 Rating, Add	*146.26*	
		For Class 55 Rating, Add	*219.47*	
		For Class 56 Rating, Add	*291.73*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,349.20	221.30
		For Class 52 Rating, Deduct	*-111.53*	
		For Class 54 Rating, Add	*156.11*	
		For Class 55 Rating, Add	*234.14*	
		For Class 56 Rating, Add	*311.17*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,419.51	224.65
		For Class 52 Rating, Deduct	*-118.70*	
		For Class 54 Rating, Add	*165.95*	
		For Class 55 Rating, Add	*248.82*	
		For Class 56 Rating, Add	*330.60*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,489.82	227.99
		For Class 52 Rating, Deduct	*-125.88*	
		For Class 54 Rating, Add	*175.80*	
		For Class 55 Rating, Add	*263.49*	
		For Class 56 Rating, Add	*350.03*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,560.14	231.34
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*185.65*	
		For Class 55 Rating, Add	*278.16*	
		For Class 56 Rating, Add	*369.46*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,630.45	234.68
		For Class 52 Rating, Deduct	*-140.24*	
		For Class 54 Rating, Add	*195.50*	
		For Class 55 Rating, Add	*292.83*	
		For Class 56 Rating, Add	*388.89*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,700.77	238.02
		For Class 52 Rating, Deduct	*-147.41*	
		For Class 54 Rating, Add	*205.35*	
		For Class 55 Rating, Add	*307.50*	
		For Class 56 Rating, Add	*408.32*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,771.09	241.36
		For Class 52 Rating, Deduct	*-154.59*	
		For Class 54 Rating, Add	*215.20*	
		For Class 55 Rating, Add	*322.18*	
		For Class 56 Rating, Add	*427.75*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,841.40	244.71
		For Class 52 Rating, Deduct	*-161.77*	
		For Class 54 Rating, Add	*225.04*	
		For Class 55 Rating, Add	*336.85*	
		For Class 56 Rating, Add	*447.18*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,911.71	248.05
		For Class 52 Rating, Deduct	*-168.95*	
		For Class 54 Rating, Add	*234.89*	
		For Class 55 Rating, Add	*351.52*	
		For Class 56 Rating, Add	*466.61*	
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,982.02	251.40
		For Class 52 Rating, Deduct	*-176.12*	
		For Class 54 Rating, Add	*244.74*	
		For Class 55 Rating, Add	*366.19*	
		For Class 56 Rating, Add	*486.04*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,052.33	254.73
		For Class 52 Rating, Deduct	*-183.30*	
		For Class 54 Rating, Add	*254.59*	
		For Class 55 Rating, Add	*380.86*	
		For Class 56 Rating, Add	*505.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,122.65	258.08
		For Class 52 Rating, Deduct	*-190.48*	
		For Class 54 Rating, Add	*264.44*	
		For Class 55 Rating, Add	*395.54*	
		For Class 56 Rating, Add	*524.90*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,192.96	261.43
		For Class 52 Rating, Deduct	*-197.66*	
		For Class 54 Rating, Add	*274.28*	
		For Class 55 Rating, Add	*410.21*	
		For Class 56 Rating, Add	*544.34*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,263.28	264.77
		For Class 52 Rating, Deduct	*-204.83*	
		For Class 54 Rating, Add	*284.13*	
		For Class 55 Rating, Add	*424.88*	
		For Class 56 Rating, Add	*563.77*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,333.59	268.11
		For Class 52 Rating, Deduct	*-212.01*	
		For Class 54 Rating, Add	*293.98*	
		For Class 55 Rating, Add	*439.55*	
		For Class 56 Rating, Add	*583.20*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.90	271.45
		For Class 52 Rating, Deduct	*-219.19*	
		For Class 54 Rating, Add	*303.83*	
		For Class 55 Rating, Add	*454.22*	
		For Class 56 Rating, Add	*602.63*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,474.23	274.80
		For Class 52 Rating, Deduct	*-226.37*	
		For Class 54 Rating, Add	*313.68*	
		For Class 55 Rating, Add	*468.90*	
		For Class 56 Rating, Add	*622.06*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,544.54	278.14
		For Class 52 Rating, Deduct	*-233.54*	
		For Class 54 Rating, Add	*323.53*	
		For Class 55 Rating, Add	*483.57*	
		For Class 56 Rating, Add	*641.49*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,614.85	281.49
		For Class 52 Rating, Deduct	*-240.72*	
		For Class 54 Rating, Add	*333.37*	
		For Class 55 Rating, Add	*498.24*	
		For Class 56 Rating, Add	*660.92*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,685.17	284.82
		For Class 52 Rating, Deduct	*-247.90*	
		For Class 54 Rating, Add	*343.22*	
		For Class 55 Rating, Add	*512.91*	
		For Class 56 Rating, Add	*680.35*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,755.48	288.17
		For Class 52 Rating, Deduct	*-255.08*	
		For Class 54 Rating, Add	*353.07*	
		For Class 55 Rating, Add	*527.59*	
		For Class 56 Rating, Add	*699.78*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,825.80	291.51
		For Class 52 Rating, Deduct	*-262.25*	
		For Class 54 Rating, Add	*362.92*	
		For Class 55 Rating, Add	*542.26*	
		For Class 56 Rating, Add	*719.22*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,896.12	294.86
		For Class 52 Rating, Deduct	*-269.43*	
		For Class 54 Rating, Add	*372.77*	
		For Class 55 Rating, Add	*556.93*	
		For Class 56 Rating, Add	*738.65*	
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,966.43	298.20
		For Class 52 Rating, Deduct	*-276.61*	
		For Class 54 Rating, Add	*382.61*	
		For Class 55 Rating, Add	*571.60*	
		For Class 56 Rating, Add	*758.08*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,036.74	301.54
		For Class 52 Rating, Deduct	*-283.79*	
		For Class 54 Rating, Add	*392.46*	
		For Class 55 Rating, Add	*586.28*	
		For Class 56 Rating, Add	*777.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,107.06	304.88
		For Class 52 Rating, Deduct	*-290.96*	
		For Class 54 Rating, Add	*402.31*	
		For Class 55 Rating, Add	*600.95*	
		For Class 56 Rating, Add	*796.94*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,177.37	308.23
		For Class 52 Rating, Deduct	*-298.14*	
		For Class 54 Rating, Add	*412.16*	
		For Class 55 Rating, Add	*615.62*	
		For Class 56 Rating, Add	*816.37*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,247.69	311.57
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*422.01*	
		For Class 55 Rating, Add	*630.29*	
		For Class 56 Rating, Add	*835.80*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,318.01	314.91
		For Class 52 Rating, Deduct	*-312.50*	
		For Class 54 Rating, Add	*431.86*	
		For Class 55 Rating, Add	*644.97*	
		For Class 56 Rating, Add	*855.23*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,388.32	318.25
		For Class 52 Rating, Deduct	*-319.67*	
		For Class 54 Rating, Add	*441.70*	
		For Class 55 Rating, Add	*659.64*	
		For Class 56 Rating, Add	*874.66*	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	894.21	240.69
		For Class 52 Rating, Deduct	*-58.25*	
		For Class 54 Rating, Add	*83.81*	
		For Class 55 Rating, Add	*126.84*	
		For Class 56 Rating, Add	*169.34*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	979.59	244.04
		For Class 52 Rating, Deduct	*-67.08*	
		For Class 54 Rating, Add	*95.91*	
		For Class 55 Rating, Add	*144.87*	
		For Class 56 Rating, Add	*193.21*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,064.96	247.38
		For Class 52 Rating, Deduct	*-75.92*	
		For Class 54 Rating, Add	*108.02*	
		For Class 55 Rating, Add	*162.90*	
		For Class 56 Rating, Add	*217.08*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,150.33	250.73
		For Class 52 Rating, Deduct	*-84.75*	
		For Class 54 Rating, Add	*120.13*	
		For Class 55 Rating, Add	*180.93*	
		For Class 56 Rating, Add	*240.96*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,235.70	254.07
		For Class 52 Rating, Deduct	*-93.58*	
		For Class 54 Rating, Add	*132.23*	
		For Class 55 Rating, Add	*198.96*	
		For Class 56 Rating, Add	*264.83*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,321.07	257.41
		For Class 52 Rating, Deduct	*-102.42*	
		For Class 54 Rating, Add	*144.34*	
		For Class 55 Rating, Add	*216.99*	
		For Class 56 Rating, Add	*288.70*	
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,406.45	260.75
		For Class 52 Rating, Deduct	*-111.25*	
		For Class 54 Rating, Add	*156.45*	
		For Class 55 Rating, Add	*235.02*	
		For Class 56 Rating, Add	*312.58*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,491.83	264.10
		For Class 52 Rating, Deduct	*-120.08*	
		For Class 54 Rating, Add	*168.55*	
		For Class 55 Rating, Add	*253.05*	
		For Class 56 Rating, Add	*336.45*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,577.19	267.44
		For Class 52 Rating, Deduct	*-128.92*	
		For Class 54 Rating, Add	*180.66*	
		For Class 55 Rating, Add	*271.08*	
		For Class 56 Rating, Add	*360.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,662.56	270.78
		For Class 52 Rating, Deduct	*-137.75*	
		For Class 54 Rating, Add	*192.77*	
		For Class 55 Rating, Add	*289.11*	
		For Class 56 Rating, Add	*384.20*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,747.94	274.12
		For Class 52 Rating, Deduct	*-146.59*	
		For Class 54 Rating, Add	*204.87*	
		For Class 55 Rating, Add	*307.14*	
		For Class 56 Rating, Add	*408.07*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,833.31	277.47
		For Class 52 Rating, Deduct	*-155.42*	
		For Class 54 Rating, Add	*216.98*	
		For Class 55 Rating, Add	*325.17*	
		For Class 56 Rating, Add	*431.94*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,918.68	280.81
		For Class 52 Rating, Deduct	*-164.25*	
		For Class 54 Rating, Add	*229.09*	
		For Class 55 Rating, Add	*343.20*	
		For Class 56 Rating, Add	*455.81*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,004.06	284.16
		For Class 52 Rating, Deduct	*-173.09*	
		For Class 54 Rating, Add	*241.19*	
		For Class 55 Rating, Add	*361.23*	
		For Class 56 Rating, Add	*479.69*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,089.43	287.49
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.30*	
		For Class 55 Rating, Add	*379.26*	
		For Class 56 Rating, Add	*503.56*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,174.79	290.84
		For Class 52 Rating, Deduct	*-190.75*	
		For Class 54 Rating, Add	*265.41*	
		For Class 55 Rating, Add	*397.29*	
		For Class 56 Rating, Add	*527.43*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,260.17	294.18
		For Class 52 Rating, Deduct	*-199.59*	
		For Class 54 Rating, Add	*277.51*	
		For Class 55 Rating, Add	*415.32*	
		For Class 56 Rating, Add	*551.31*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,345.55	297.53
		For Class 52 Rating, Deduct	*-208.42*	
		For Class 54 Rating, Add	*289.62*	
		For Class 55 Rating, Add	*433.35*	
		For Class 56 Rating, Add	*575.18*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,430.92	300.86
		For Class 52 Rating, Deduct	*-217.26*	
		For Class 54 Rating, Add	*301.73*	
		For Class 55 Rating, Add	*451.38*	
		For Class 56 Rating, Add	*599.05*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,516.29	304.21
		For Class 52 Rating, Deduct	*-226.09*	
		For Class 54 Rating, Add	*313.84*	
		For Class 55 Rating, Add	*469.41*	
		For Class 56 Rating, Add	*622.92*	
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,601.66	307.55
		For Class 52 Rating, Deduct	*-234.92*	
		For Class 54 Rating, Add	*325.94*	
		For Class 55 Rating, Add	*487.44*	
		For Class 56 Rating, Add	*646.80*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,687.03	310.90
		For Class 52 Rating, Deduct	*-243.76*	
		For Class 54 Rating, Add	*338.05*	
		For Class 55 Rating, Add	*505.47*	
		For Class 56 Rating, Add	*670.67*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,772.41	314.24
		For Class 52 Rating, Deduct	*-252.59*	
		For Class 54 Rating, Add	*350.16*	
		For Class 55 Rating, Add	*523.50*	
		For Class 56 Rating, Add	*694.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,857.78	317.58
		For Class 52 Rating, Deduct	*-261.42*	
		For Class 54 Rating, Add	*362.26*	
		For Class 55 Rating, Add	*541.53*	
		For Class 56 Rating, Add	*718.42*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,943.15	320.92
		For Class 52 Rating, Deduct	*-270.26*	
		For Class 54 Rating, Add	*374.37*	
		For Class 55 Rating, Add	*559.56*	
		For Class 56 Rating, Add	*742.29*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,028.53	324.27
		For Class 52 Rating, Deduct	*-279.09*	
		For Class 54 Rating, Add	*386.48*	
		For Class 55 Rating, Add	*577.59*	
		For Class 56 Rating, Add	*766.16*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,113.89	327.61
		For Class 52 Rating, Deduct	*-287.93*	
		For Class 54 Rating, Add	*398.58*	
		For Class 55 Rating, Add	*595.62*	
		For Class 56 Rating, Add	*790.04*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,199.27	330.96
		For Class 52 Rating, Deduct	*-296.76*	
		For Class 54 Rating, Add	*410.69*	
		For Class 55 Rating, Add	*613.65*	
		For Class 56 Rating, Add	*813.91*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,284.65	334.30
		For Class 52 Rating, Deduct	*-305.59*	
		For Class 54 Rating, Add	*422.80*	
		For Class 55 Rating, Add	*631.68*	
		For Class 56 Rating, Add	*837.78*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,370.01	337.64
		For Class 52 Rating, Deduct	*-314.43*	
		For Class 54 Rating, Add	*434.90*	
		For Class 55 Rating, Add	*649.71*	
		For Class 56 Rating, Add	*861.65*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,455.38	340.99
		For Class 52 Rating, Deduct	*-323.26*	
		For Class 54 Rating, Add	*447.01*	
		For Class 55 Rating, Add	*667.74*	
		For Class 56 Rating, Add	*885.53*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,540.76	344.33
		For Class 52 Rating, Deduct	*-332.10*	
		For Class 54 Rating, Add	*459.12*	
		For Class 55 Rating, Add	*685.77*	
		For Class 56 Rating, Add	*909.40*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,626.13	347.67
		For Class 52 Rating, Deduct	*-340.93*	
		For Class 54 Rating, Add	*471.23*	
		For Class 55 Rating, Add	*703.80*	
		For Class 56 Rating, Add	*933.27*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,711.50	351.01
		For Class 52 Rating, Deduct	*-349.76*	
		For Class 54 Rating, Add	*483.33*	
		For Class 55 Rating, Add	*721.83*	
		For Class 56 Rating, Add	*957.15*	
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,796.88	354.36
		For Class 52 Rating, Deduct	*-358.60*	
		For Class 54 Rating, Add	*495.44*	
		For Class 55 Rating, Add	*739.86*	
		For Class 56 Rating, Add	*981.02*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,882.25	357.70
		For Class 52 Rating, Deduct	*-367.43*	
		For Class 54 Rating, Add	*507.55*	
		For Class 55 Rating, Add	*757.89*	
		For Class 56 Rating, Add	*1,004.89*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,967.61	361.05
		For Class 52 Rating, Deduct	*-376.26*	
		For Class 54 Rating, Add	*519.65*	
		For Class 55 Rating, Add	*775.92*	
		For Class 56 Rating, Add	*1,028.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,052.99	364.38
		For Class 52 Rating, Deduct	*-385.10*	
		For Class 54 Rating, Add	*531.76*	
		For Class 55 Rating, Add	*793.95*	
		For Class 56 Rating, Add	*1,052.64*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,138.37	367.73
		For Class 52 Rating, Deduct	*-393.93*	
		For Class 54 Rating, Add	*543.87*	
		For Class 55 Rating, Add	*811.98*	
		For Class 56 Rating, Add	*1,076.51*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,238.95	307.55
		For Class 52 Rating, Deduct	*-85.03*	
		For Class 54 Rating, Add	*121.54*	
		For Class 55 Rating, Add	*183.55*	
		For Class 56 Rating, Add	*244.80*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,354.43	310.90
		For Class 52 Rating, Deduct	*-97.17*	
		For Class 54 Rating, Add	*138.16*	
		For Class 55 Rating, Add	*208.30*	
		For Class 56 Rating, Add	*277.55*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,469.93	314.24
		For Class 52 Rating, Deduct	*-109.32*	
		For Class 54 Rating, Add	*154.78*	
		For Class 55 Rating, Add	*233.04*	
		For Class 56 Rating, Add	*310.31*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.41	317.58
		For Class 52 Rating, Deduct	*-121.46*	
		For Class 54 Rating, Add	*171.41*	
		For Class 55 Rating, Add	*257.79*	
		For Class 56 Rating, Add	*343.07*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,700.90	320.92
		For Class 52 Rating, Deduct	*-133.61*	
		For Class 54 Rating, Add	*188.03*	
		For Class 55 Rating, Add	*282.54*	
		For Class 56 Rating, Add	*375.83*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,816.39	324.27
		For Class 52 Rating, Deduct	*-145.76*	
		For Class 54 Rating, Add	*204.66*	
		For Class 55 Rating, Add	*307.28*	
		For Class 56 Rating, Add	*408.58*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,931.87	327.61
		For Class 52 Rating, Deduct	*-157.90*	
		For Class 54 Rating, Add	*221.28*	
		For Class 55 Rating, Add	*332.03*	
		For Class 56 Rating, Add	*441.34*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,047.36	330.96
		For Class 52 Rating, Deduct	*-170.05*	
		For Class 54 Rating, Add	*237.90*	
		For Class 55 Rating, Add	*356.77*	
		For Class 56 Rating, Add	*474.10*	
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,162.86	334.30
		For Class 52 Rating, Deduct	*-182.20*	
		For Class 54 Rating, Add	*254.53*	
		For Class 55 Rating, Add	*381.52*	
		For Class 56 Rating, Add	*506.86*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,278.34	337.64
		For Class 52 Rating, Deduct	*-194.34*	
		For Class 54 Rating, Add	*271.15*	
		For Class 55 Rating, Add	*406.27*	
		For Class 56 Rating, Add	*539.61*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,393.82	340.99
		For Class 52 Rating, Deduct	*-206.49*	
		For Class 54 Rating, Add	*287.78*	
		For Class 55 Rating, Add	*431.01*	
		For Class 56 Rating, Add	*572.37*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,509.31	344.33
		For Class 52 Rating, Deduct	*-218.64*	
		For Class 54 Rating, Add	*304.40*	
		For Class 55 Rating, Add	*455.76*	
		For Class 56 Rating, Add	*605.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,624.80	347.67
		For Class 52 Rating, Deduct	*-230.78*	
		For Class 54 Rating, Add	*321.03*	
		For Class 55 Rating, Add	*480.50*	
		For Class 56 Rating, Add	*637.88*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,740.29	351.01
		For Class 52 Rating, Deduct	*-242.93*	
		For Class 54 Rating, Add	*337.65*	
		For Class 55 Rating, Add	*505.25*	
		For Class 56 Rating, Add	*670.64*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,855.78	354.36
		For Class 52 Rating, Deduct	*-255.08*	
		For Class 54 Rating, Add	*354.27*	
		For Class 55 Rating, Add	*529.99*	
		For Class 56 Rating, Add	*703.40*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,971.26	357.70
		For Class 52 Rating, Deduct	*-267.22*	
		For Class 54 Rating, Add	*370.90*	
		For Class 55 Rating, Add	*554.74*	
		For Class 56 Rating, Add	*736.15*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,086.75	361.05
		For Class 52 Rating, Deduct	*-279.37*	
		For Class 54 Rating, Add	*387.52*	
		For Class 55 Rating, Add	*579.49*	
		For Class 56 Rating, Add	*768.91*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,202.24	364.38
		For Class 52 Rating, Deduct	*-291.52*	
		For Class 54 Rating, Add	*404.15*	
		For Class 55 Rating, Add	*604.23*	
		For Class 56 Rating, Add	*801.67*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,317.73	367.73
		For Class 52 Rating, Deduct	*-303.66*	
		For Class 54 Rating, Add	*420.77*	
		For Class 55 Rating, Add	*628.98*	
		For Class 56 Rating, Add	*834.42*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,433.21	371.07
		For Class 52 Rating, Deduct	*-315.81*	
		For Class 54 Rating, Add	*437.39*	
		For Class 55 Rating, Add	*653.72*	
		For Class 56 Rating, Add	*867.18*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,548.69	374.42
		For Class 52 Rating, Deduct	*-327.95*	
		For Class 54 Rating, Add	*454.02*	
		For Class 55 Rating, Add	*678.47*	
		For Class 56 Rating, Add	*899.94*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,664.19	377.76
		For Class 52 Rating, Deduct	*-340.10*	
		For Class 54 Rating, Add	*470.64*	
		For Class 55 Rating, Add	*703.21*	
		For Class 56 Rating, Add	*932.69*	
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,779.67	381.10
		For Class 52 Rating, Deduct	*-352.25*	
		For Class 54 Rating, Add	*487.27*	
		For Class 55 Rating, Add	*727.96*	
		For Class 56 Rating, Add	*965.45*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,895.15	384.44
		For Class 52 Rating, Deduct	*-364.39*	
		For Class 54 Rating, Add	*503.89*	
		For Class 55 Rating, Add	*752.70*	
		For Class 56 Rating, Add	*998.21*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,010.65	387.79
		For Class 52 Rating, Deduct	*-376.54*	
		For Class 54 Rating, Add	*520.51*	
		For Class 55 Rating, Add	*777.45*	
		For Class 56 Rating, Add	*1,030.96*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,126.14	391.13
		For Class 52 Rating, Deduct	*-388.69*	
		For Class 54 Rating, Add	*537.14*	
		For Class 55 Rating, Add	*802.20*	
		For Class 56 Rating, Add	*1,063.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,241.62	394.47
		For Class 52 Rating, Deduct	*-400.83*	
		For Class 54 Rating, Add	*553.76*	
		For Class 55 Rating, Add	*826.94*	
		For Class 56 Rating, Add	*1,096.48*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,357.11	397.81
		For Class 52 Rating, Deduct	*-412.98*	
		For Class 54 Rating, Add	*570.39*	
		For Class 55 Rating, Add	*851.69*	
		For Class 56 Rating, Add	*1,129.24*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,472.59	401.16
		For Class 52 Rating, Deduct	*-425.13*	
		For Class 54 Rating, Add	*587.01*	
		For Class 55 Rating, Add	*876.43*	
		For Class 56 Rating, Add	*1,161.99*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,588.09	404.50
		For Class 52 Rating, Deduct	*-437.27*	
		For Class 54 Rating, Add	*603.64*	
		For Class 55 Rating, Add	*901.18*	
		For Class 56 Rating, Add	*1,194.75*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,703.58	407.85
		For Class 52 Rating, Deduct	*-449.42*	
		For Class 54 Rating, Add	*620.26*	
		For Class 55 Rating, Add	*925.93*	
		For Class 56 Rating, Add	*1,227.51*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,819.06	411.18
		For Class 52 Rating, Deduct	*-461.57*	
		For Class 54 Rating, Add	*636.88*	
		For Class 55 Rating, Add	*950.67*	
		For Class 56 Rating, Add	*1,260.26*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,934.54	414.53
		For Class 52 Rating, Deduct	*-473.71*	
		For Class 54 Rating, Add	*653.51*	
		For Class 55 Rating, Add	*975.42*	
		For Class 56 Rating, Add	*1,293.02*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,050.04	417.87
		For Class 52 Rating, Deduct	*-485.86*	
		For Class 54 Rating, Add	*670.13*	
		For Class 55 Rating, Add	*1,000.16*	
		For Class 56 Rating, Add	*1,325.78*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,165.53	421.22
		For Class 52 Rating, Deduct	*-498.01*	
		For Class 54 Rating, Add	*686.76*	
		For Class 55 Rating, Add	*1,024.91*	
		For Class 56 Rating, Add	*1,358.53*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.01	424.55
		For Class 52 Rating, Deduct	*-510.15*	
		For Class 54 Rating, Add	*703.38*	
		For Class 55 Rating, Add	*1,049.65*	
		For Class 56 Rating, Add	*1,391.29*	
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,396.50	427.90
		For Class 52 Rating, Deduct	*-522.30*	
		For Class 54 Rating, Add	*720.00*	
		For Class 55 Rating, Add	*1,074.40*	
		For Class 56 Rating, Add	*1,424.05*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,511.99	431.24
		For Class 52 Rating, Deduct	*-534.44*	
		For Class 54 Rating, Add	*736.63*	
		For Class 55 Rating, Add	*1,099.15*	
		For Class 56 Rating, Add	*1,456.81*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,627.47	434.59
		For Class 52 Rating, Deduct	*-546.59*	
		For Class 54 Rating, Add	*753.25*	
		For Class 55 Rating, Add	*1,123.89*	
		For Class 56 Rating, Add	*1,489.56*	
40 05 19 00-0675		10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,556.07	374.42
		For Class 52 Rating, Deduct	*-108.77*	
		For Class 54 Rating, Add	*155.12*	
		For Class 55 Rating, Add	*234.11*	
		For Class 56 Rating, Add	*312.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,706.70	377.76
		For Class 52 Rating, Deduct	*-124.78*	
		For Class 54 Rating, Add	*177.02*	
		For Class 55 Rating, Add	*266.69*	
		For Class 56 Rating, Add	*355.24*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,857.32	381.10
		For Class 52 Rating, Deduct	*-140.79*	
		For Class 54 Rating, Add	*198.91*	
		For Class 55 Rating, Add	*299.28*	
		For Class 56 Rating, Add	*398.36*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,007.93	384.44
		For Class 52 Rating, Deduct	*-156.80*	
		For Class 54 Rating, Add	*220.81*	
		For Class 55 Rating, Add	*331.85*	
		For Class 56 Rating, Add	*441.48*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,158.57	387.79
		For Class 52 Rating, Deduct	*-172.81*	
		For Class 54 Rating, Add	*242.70*	
		For Class 55 Rating, Add	*364.44*	
		For Class 56 Rating, Add	*484.60*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,309.19	391.13
		For Class 52 Rating, Deduct	*-188.82*	
		For Class 54 Rating, Add	*264.60*	
		For Class 55 Rating, Add	*397.02*	
		For Class 56 Rating, Add	*527.72*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,459.80	394.47
		For Class 52 Rating, Deduct	*-204.83*	
		For Class 54 Rating, Add	*286.49*	
		For Class 55 Rating, Add	*429.60*	
		For Class 56 Rating, Add	*570.84*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,610.43	397.81
		For Class 52 Rating, Deduct	*-220.84*	
		For Class 54 Rating, Add	*308.39*	
		For Class 55 Rating, Add	*462.18*	
		For Class 56 Rating, Add	*613.96*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,761.05	401.16
		For Class 52 Rating, Deduct	*-236.86*	
		For Class 54 Rating, Add	*330.28*	
		For Class 55 Rating, Add	*494.76*	
		For Class 56 Rating, Add	*657.09*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,911.67	404.50
		For Class 52 Rating, Deduct	*-252.87*	
		For Class 54 Rating, Add	*352.17*	
		For Class 55 Rating, Add	*527.34*	
		For Class 56 Rating, Add	*700.21*	
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,062.30	407.85
		For Class 52 Rating, Deduct	*-268.88*	
		For Class 54 Rating, Add	*374.07*	
		For Class 55 Rating, Add	*559.92*	
		For Class 56 Rating, Add	*743.33*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.92	411.18
		For Class 52 Rating, Deduct	*-284.89*	
		For Class 54 Rating, Add	*395.96*	
		For Class 55 Rating, Add	*592.50*	
		For Class 56 Rating, Add	*786.45*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,363.53	414.53
		For Class 52 Rating, Deduct	*-300.90*	
		For Class 54 Rating, Add	*417.86*	
		For Class 55 Rating, Add	*625.08*	
		For Class 56 Rating, Add	*829.57*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,514.16	417.87
		For Class 52 Rating, Deduct	*-316.91*	
		For Class 54 Rating, Add	*439.75*	
		For Class 55 Rating, Add	*657.66*	
		For Class 56 Rating, Add	*872.69*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,664.79	421.22
		For Class 52 Rating, Deduct	*-332.92*	
		For Class 54 Rating, Add	*461.65*	
		For Class 55 Rating, Add	*690.24*	
		For Class 56 Rating, Add	*915.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,815.40	424.55
		For Class 52 Rating, Deduct	*-348.93*	
		For Class 54 Rating, Add	*483.54*	
		For Class 55 Rating, Add	*722.82*	
		For Class 56 Rating, Add	*958.94*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,966.03	427.90
		For Class 52 Rating, Deduct	*-364.95*	
		For Class 54 Rating, Add	*505.43*	
		For Class 55 Rating, Add	*755.41*	
		For Class 56 Rating, Add	*1,002.06*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,116.65	431.24
		For Class 52 Rating, Deduct	*-380.96*	
		For Class 54 Rating, Add	*527.33*	
		For Class 55 Rating, Add	*787.99*	
		For Class 56 Rating, Add	*1,045.18*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,267.26	434.59
		For Class 52 Rating, Deduct	*-396.97*	
		For Class 54 Rating, Add	*549.22*	
		For Class 55 Rating, Add	*820.57*	
		For Class 56 Rating, Add	*1,088.30*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,417.89	437.93
		For Class 52 Rating, Deduct	*-412.98*	
		For Class 54 Rating, Add	*571.12*	
		For Class 55 Rating, Add	*853.15*	
		For Class 56 Rating, Add	*1,131.42*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,568.52	441.27
		For Class 52 Rating, Deduct	*-428.99*	
		For Class 54 Rating, Add	*593.01*	
		For Class 55 Rating, Add	*885.73*	
		For Class 56 Rating, Add	*1,174.55*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,719.14	444.62
		For Class 52 Rating, Deduct	*-445.00*	
		For Class 54 Rating, Add	*614.91*	
		For Class 55 Rating, Add	*918.31*	
		For Class 56 Rating, Add	*1,217.67*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,869.76	447.96
		For Class 52 Rating, Deduct	*-461.01*	
		For Class 54 Rating, Add	*636.80*	
		For Class 55 Rating, Add	*950.89*	
		For Class 56 Rating, Add	*1,260.79*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,020.38	451.31
		For Class 52 Rating, Deduct	*-477.02*	
		For Class 54 Rating, Add	*658.69*	
		For Class 55 Rating, Add	*983.47*	
		For Class 56 Rating, Add	*1,303.91*	
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,171.00	454.65
		For Class 52 Rating, Deduct	*-493.04*	
		For Class 54 Rating, Add	*680.59*	
		For Class 55 Rating, Add	*1,016.05*	
		For Class 56 Rating, Add	*1,347.03*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,321.63	457.99
		For Class 52 Rating, Deduct	*-509.05*	
		For Class 54 Rating, Add	*702.48*	
		For Class 55 Rating, Add	*1,048.63*	
		For Class 56 Rating, Add	*1,390.15*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,472.25	461.33
		For Class 52 Rating, Deduct	*-525.06*	
		For Class 54 Rating, Add	*724.38*	
		For Class 55 Rating, Add	*1,081.21*	
		For Class 56 Rating, Add	*1,433.28*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,622.87	464.68
		For Class 52 Rating, Deduct	*-541.07*	
		For Class 54 Rating, Add	*746.27*	
		For Class 55 Rating, Add	*1,113.79*	
		For Class 56 Rating, Add	*1,476.40*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,773.49	468.02
		For Class 52 Rating, Deduct	*-557.08*	
		For Class 54 Rating, Add	*768.16*	
		For Class 55 Rating, Add	*1,146.37*	
		For Class 56 Rating, Add	*1,519.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,924.11	471.36
		For Class 52 Rating, Deduct	*-573.09*	
		For Class 54 Rating, Add	*790.06*	
		For Class 55 Rating, Add	*1,178.95*	
		For Class 56 Rating, Add	*1,562.64*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,074.74	474.70
		For Class 52 Rating, Deduct	*-589.10*	
		For Class 54 Rating, Add	*811.95*	
		For Class 55 Rating, Add	*1,211.54*	
		For Class 56 Rating, Add	*1,605.76*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,225.36	478.05
		For Class 52 Rating, Deduct	*-605.11*	
		For Class 54 Rating, Add	*833.85*	
		For Class 55 Rating, Add	*1,244.12*	
		For Class 56 Rating, Add	*1,648.88*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,375.98	481.39
		For Class 52 Rating, Deduct	*-621.13*	
		For Class 54 Rating, Add	*855.74*	
		For Class 55 Rating, Add	*1,276.70*	
		For Class 56 Rating, Add	*1,692.00*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,526.60	484.74
		For Class 52 Rating, Deduct	*-637.14*	
		For Class 54 Rating, Add	*877.64*	
		For Class 55 Rating, Add	*1,309.28*	
		For Class 56 Rating, Add	*1,735.13*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,677.22	488.07
		For Class 52 Rating, Deduct	*-653.15*	
		For Class 54 Rating, Add	*899.53*	
		For Class 55 Rating, Add	*1,341.86*	
		For Class 56 Rating, Add	*1,778.25*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,827.84	491.42
		For Class 52 Rating, Deduct	*-669.16*	
		For Class 54 Rating, Add	*921.43*	
		For Class 55 Rating, Add	*1,374.44*	
		For Class 56 Rating, Add	*1,821.37*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,978.47	494.76
		For Class 52 Rating, Deduct	*-685.17*	
		For Class 54 Rating, Add	*943.32*	
		For Class 55 Rating, Add	*1,407.02*	
		For Class 56 Rating, Add	*1,864.49*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,129.09	498.11
		For Class 52 Rating, Deduct	*-701.18*	
		For Class 54 Rating, Add	*965.21*	
		For Class 55 Rating, Add	*1,439.60*	
		For Class 56 Rating, Add	*1,907.61*	
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,279.71	501.45
		For Class 52 Rating, Deduct	*-717.19*	
		For Class 54 Rating, Add	*987.11*	
		For Class 55 Rating, Add	*1,472.18*	
		For Class 56 Rating, Add	*1,950.73*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,019.13	468.02
		For Class 52 Rating, Deduct	*-144.10*	
		For Class 54 Rating, Add	*205.01*	
		For Class 55 Rating, Add	*309.15*	
		For Class 56 Rating, Add	*411.98*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,207.39	471.36
		For Class 52 Rating, Deduct	*-164.25*	
		For Class 54 Rating, Add	*232.55*	
		For Class 55 Rating, Add	*350.13*	
		For Class 56 Rating, Add	*466.21*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,395.66	474.70
		For Class 52 Rating, Deduct	*-184.41*	
		For Class 54 Rating, Add	*260.09*	
		For Class 55 Rating, Add	*391.10*	
		For Class 56 Rating, Add	*520.43*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,583.93	478.05
		For Class 52 Rating, Deduct	*-204.56*	
		For Class 54 Rating, Add	*287.63*	
		For Class 55 Rating, Add	*432.08*	
		For Class 56 Rating, Add	*574.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,772.19	481.39
		For Class 52 Rating, Deduct	*-224.71*	
		For Class 54 Rating, Add	*315.17*	
		For Class 55 Rating, Add	*473.05*	
		For Class 56 Rating, Add	*628.89*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,960.46	484.74
		For Class 52 Rating, Deduct	*-244.86*	
		For Class 54 Rating, Add	*342.72*	
		For Class 55 Rating, Add	*514.03*	
		For Class 56 Rating, Add	*683.12*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,148.73	488.07
		For Class 52 Rating, Deduct	*-265.01*	
		For Class 54 Rating, Add	*370.26*	
		For Class 55 Rating, Add	*555.00*	
		For Class 56 Rating, Add	*737.34*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,336.99	491.42
		For Class 52 Rating, Deduct	*-285.17*	
		For Class 54 Rating, Add	*397.80*	
		For Class 55 Rating, Add	*595.98*	
		For Class 56 Rating, Add	*791.57*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,525.26	494.76
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*425.34*	
		For Class 55 Rating, Add	*636.95*	
		For Class 56 Rating, Add	*845.79*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,713.53	498.11
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*452.88*	
		For Class 55 Rating, Add	*677.93*	
		For Class 56 Rating, Add	*900.02*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,901.79	501.45
		For Class 52 Rating, Deduct	*-345.62*	
		For Class 54 Rating, Add	*480.42*	
		For Class 55 Rating, Add	*718.90*	
		For Class 56 Rating, Add	*954.25*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,090.05	504.79
		For Class 52 Rating, Deduct	*-365.77*	
		For Class 54 Rating, Add	*507.96*	
		For Class 55 Rating, Add	*759.88*	
		For Class 56 Rating, Add	*1,008.47*	
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.32	508.13
		For Class 52 Rating, Deduct	*-385.93*	
		For Class 54 Rating, Add	*535.50*	
		For Class 55 Rating, Add	*800.86*	
		For Class 56 Rating, Add	*1,062.70*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,466.59	511.48
		For Class 52 Rating, Deduct	*-406.08*	
		For Class 54 Rating, Add	*563.04*	
		For Class 55 Rating, Add	*841.83*	
		For Class 56 Rating, Add	*1,116.93*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,654.85	514.82
		For Class 52 Rating, Deduct	*-426.23*	
		For Class 54 Rating, Add	*590.58*	
		For Class 55 Rating, Add	*882.81*	
		For Class 56 Rating, Add	*1,171.15*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,843.12	518.16
		For Class 52 Rating, Deduct	*-446.38*	
		For Class 54 Rating, Add	*618.12*	
		For Class 55 Rating, Add	*923.78*	
		For Class 56 Rating, Add	*1,225.38*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,031.38	521.50
		For Class 52 Rating, Deduct	*-466.53*	
		For Class 54 Rating, Add	*645.66*	
		For Class 55 Rating, Add	*964.76*	
		For Class 56 Rating, Add	*1,279.61*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,219.64	524.85
		For Class 52 Rating, Deduct	*-486.69*	
		For Class 54 Rating, Add	*673.21*	
		For Class 55 Rating, Add	*1,005.73*	
		For Class 56 Rating, Add	*1,333.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,407.92	528.19
		For Class 52 Rating, Deduct	*-506.84*	
		For Class 54 Rating, Add	*700.75*	
		For Class 55 Rating, Add	*1,046.71*	
		For Class 56 Rating, Add	*1,388.06*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,596.19	531.54
		For Class 52 Rating, Deduct	*-526.99*	
		For Class 54 Rating, Add	*728.29*	
		For Class 55 Rating, Add	*1,087.68*	
		For Class 56 Rating, Add	*1,442.29*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,784.45	534.87
		For Class 52 Rating, Deduct	*-547.14*	
		For Class 54 Rating, Add	*755.83*	
		For Class 55 Rating, Add	*1,128.66*	
		For Class 56 Rating, Add	*1,496.51*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,972.71	538.22
		For Class 52 Rating, Deduct	*-567.30*	
		For Class 54 Rating, Add	*783.37*	
		For Class 55 Rating, Add	*1,169.63*	
		For Class 56 Rating, Add	*1,550.74*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,160.98	541.56
		For Class 52 Rating, Deduct	*-587.45*	
		For Class 54 Rating, Add	*810.91*	
		For Class 55 Rating, Add	*1,210.61*	
		For Class 56 Rating, Add	*1,604.97*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,349.24	544.91
		For Class 52 Rating, Deduct	*-607.60*	
		For Class 54 Rating, Add	*838.45*	
		For Class 55 Rating, Add	*1,251.58*	
		For Class 56 Rating, Add	*1,659.19*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,537.51	548.24
		For Class 52 Rating, Deduct	*-627.75*	
		For Class 54 Rating, Add	*865.99*	
		For Class 55 Rating, Add	*1,292.56*	
		For Class 56 Rating, Add	*1,713.42*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,725.78	551.59
		For Class 52 Rating, Deduct	*-647.90*	
		For Class 54 Rating, Add	*893.53*	
		For Class 55 Rating, Add	*1,333.53*	
		For Class 56 Rating, Add	*1,767.65*	
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,914.04	554.94
		For Class 52 Rating, Deduct	*-668.06*	
		For Class 54 Rating, Add	*921.07*	
		For Class 55 Rating, Add	*1,374.51*	
		For Class 56 Rating, Add	*1,821.87*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,102.30	558.28
		For Class 52 Rating, Deduct	*-688.21*	
		For Class 54 Rating, Add	*948.61*	
		For Class 55 Rating, Add	*1,415.48*	
		For Class 56 Rating, Add	*1,876.10*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,290.57	561.63
		For Class 52 Rating, Deduct	*-708.36*	
		For Class 54 Rating, Add	*976.16*	
		For Class 55 Rating, Add	*1,456.46*	
		For Class 56 Rating, Add	*1,930.32*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,478.84	564.96
		For Class 52 Rating, Deduct	*-728.51*	
		For Class 54 Rating, Add	*1,003.70*	
		For Class 55 Rating, Add	*1,497.44*	
		For Class 56 Rating, Add	*1,984.55*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,667.11	568.31
		For Class 52 Rating, Deduct	*-748.66*	
		For Class 54 Rating, Add	*1,031.24*	
		For Class 55 Rating, Add	*1,538.41*	
		For Class 56 Rating, Add	*2,038.78*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,855.38	571.65
		For Class 52 Rating, Deduct	*-768.82*	
		For Class 54 Rating, Add	*1,058.78*	
		For Class 55 Rating, Add	*1,579.39*	
		For Class 56 Rating, Add	*2,093.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,043.64	575.00
		For Class 52 Rating, Deduct	*-788.97*	
		For Class 54 Rating, Add	*1,086.32*	
		For Class 55 Rating, Add	*1,620.36*	
		For Class 56 Rating, Add	*2,147.23*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,231.90	578.34
		For Class 52 Rating, Deduct	*-809.12*	
		For Class 54 Rating, Add	*1,113.86*	
		For Class 55 Rating, Add	*1,661.34*	
		For Class 56 Rating, Add	*2,201.46*	
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,420.18	581.68
		For Class 52 Rating, Deduct	*-829.27*	
		For Class 54 Rating, Add	*1,141.40*	
		For Class 55 Rating, Add	*1,702.31*	
		For Class 56 Rating, Add	*2,255.69*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,608.44	585.02
		For Class 52 Rating, Deduct	*-849.42*	
		For Class 54 Rating, Add	*1,168.94*	
		For Class 55 Rating, Add	*1,743.29*	
		For Class 56 Rating, Add	*2,309.91*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,796.70	588.37
		For Class 52 Rating, Deduct	*-869.58*	
		For Class 54 Rating, Add	*1,196.48*	
		For Class 55 Rating, Add	*1,784.26*	
		For Class 56 Rating, Add	*2,364.14*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,984.97	591.71
		For Class 52 Rating, Deduct	*-889.73*	
		For Class 54 Rating, Add	*1,224.02*	
		For Class 55 Rating, Add	*1,825.24*	
		For Class 56 Rating, Add	*2,418.36*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,173.23	595.05
		For Class 52 Rating, Deduct	*-909.88*	
		For Class 54 Rating, Add	*1,251.57*	
		For Class 55 Rating, Add	*1,866.21*	
		For Class 56 Rating, Add	*2,472.59*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,808.43	561.63
		For Class 52 Rating, Deduct	*-215.32*	
		For Class 54 Rating, Add	*303.83*	
		For Class 55 Rating, Add	*456.94*	
		For Class 56 Rating, Add	*608.09*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,036.85	564.96
		For Class 52 Rating, Deduct	*-239.89*	
		For Class 54 Rating, Add	*337.40*	
		For Class 55 Rating, Add	*506.87*	
		For Class 56 Rating, Add	*674.16*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,265.27	568.31
		For Class 52 Rating, Deduct	*-264.46*	
		For Class 54 Rating, Add	*370.96*	
		For Class 55 Rating, Add	*556.80*	
		For Class 56 Rating, Add	*740.24*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,493.69	571.65
		For Class 52 Rating, Deduct	*-289.03*	
		For Class 54 Rating, Add	*404.53*	
		For Class 55 Rating, Add	*606.73*	
		For Class 56 Rating, Add	*806.31*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,722.11	575.00
		For Class 52 Rating, Deduct	*-313.60*	
		For Class 54 Rating, Add	*438.09*	
		For Class 55 Rating, Add	*656.66*	
		For Class 56 Rating, Add	*872.38*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,950.52	578.34
		For Class 52 Rating, Deduct	*-338.17*	
		For Class 54 Rating, Add	*471.65*	
		For Class 55 Rating, Add	*706.59*	
		For Class 56 Rating, Add	*938.45*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,178.95	581.68
		For Class 52 Rating, Deduct	*-362.74*	
		For Class 54 Rating, Add	*505.22*	
		For Class 55 Rating, Add	*756.52*	
		For Class 56 Rating, Add	*1,004.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,407.37	585.02
		For Class 52 Rating, Deduct	*-387.31*	
		For Class 54 Rating, Add	*538.78*	
		For Class 55 Rating, Add	*806.45*	
		For Class 56 Rating, Add	*1,070.60*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,635.78	588.37
		For Class 52 Rating, Deduct	*-411.88*	
		For Class 54 Rating, Add	*572.35*	
		For Class 55 Rating, Add	*856.38*	
		For Class 56 Rating, Add	*1,136.67*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,864.21	591.71
		For Class 52 Rating, Deduct	*-436.44*	
		For Class 54 Rating, Add	*605.91*	
		For Class 55 Rating, Add	*906.31*	
		For Class 56 Rating, Add	*1,202.74*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,092.62	595.05
		For Class 52 Rating, Deduct	*-461.01*	
		For Class 54 Rating, Add	*639.47*	
		For Class 55 Rating, Add	*956.24*	
		For Class 56 Rating, Add	*1,268.81*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,321.04	598.39
		For Class 52 Rating, Deduct	*-485.58*	
		For Class 54 Rating, Add	*673.04*	
		For Class 55 Rating, Add	*1,006.17*	
		For Class 56 Rating, Add	*1,334.88*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,549.47	601.74
		For Class 52 Rating, Deduct	*-510.15*	
		For Class 54 Rating, Add	*706.60*	
		For Class 55 Rating, Add	*1,056.10*	
		For Class 56 Rating, Add	*1,400.96*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,777.89	605.08
		For Class 52 Rating, Deduct	*-534.72*	
		For Class 54 Rating, Add	*740.17*	
		For Class 55 Rating, Add	*1,106.03*	
		For Class 56 Rating, Add	*1,467.03*	
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,006.30	608.43
		For Class 52 Rating, Deduct	*-559.29*	
		For Class 54 Rating, Add	*773.73*	
		For Class 55 Rating, Add	*1,155.96*	
		For Class 56 Rating, Add	*1,533.10*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,234.72	611.76
		For Class 52 Rating, Deduct	*-583.86*	
		For Class 54 Rating, Add	*807.29*	
		For Class 55 Rating, Add	*1,205.89*	
		For Class 56 Rating, Add	*1,599.17*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,463.14	615.11
		For Class 52 Rating, Deduct	*-608.43*	
		For Class 54 Rating, Add	*840.86*	
		For Class 55 Rating, Add	*1,255.82*	
		For Class 56 Rating, Add	*1,665.24*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,691.56	618.45
		For Class 52 Rating, Deduct	*-633.00*	
		For Class 54 Rating, Add	*874.42*	
		For Class 55 Rating, Add	*1,305.74*	
		For Class 56 Rating, Add	*1,731.31*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,919.99	621.80
		For Class 52 Rating, Deduct	*-657.57*	
		For Class 54 Rating, Add	*907.99*	
		For Class 55 Rating, Add	*1,355.68*	
		For Class 56 Rating, Add	*1,797.39*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,148.40	625.13
		For Class 52 Rating, Deduct	*-682.13*	
		For Class 54 Rating, Add	*941.55*	
		For Class 55 Rating, Add	*1,405.60*	
		For Class 56 Rating, Add	*1,863.46*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,376.82	628.48
		For Class 52 Rating, Deduct	*-706.70*	
		For Class 54 Rating, Add	*975.11*	
		For Class 55 Rating, Add	*1,455.54*	
		For Class 56 Rating, Add	*1,929.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,605.24	631.82
		For Class 52 Rating, Deduct	*-731.27*	
		For Class 54 Rating, Add	*1,008.68*	
		For Class 55 Rating, Add	*1,505.46*	
		For Class 56 Rating, Add	*1,995.60*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,833.66	635.17
		For Class 52 Rating, Deduct	*-755.84*	
		For Class 54 Rating, Add	*1,042.24*	
		For Class 55 Rating, Add	*1,555.39*	
		For Class 56 Rating, Add	*2,061.67*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,062.08	638.51
		For Class 52 Rating, Deduct	*-780.41*	
		For Class 54 Rating, Add	*1,075.81*	
		For Class 55 Rating, Add	*1,605.32*	
		For Class 56 Rating, Add	*2,127.75*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,290.50	641.85
		For Class 52 Rating, Deduct	*-804.98*	
		For Class 54 Rating, Add	*1,109.37*	
		For Class 55 Rating, Add	*1,655.25*	
		For Class 56 Rating, Add	*2,193.82*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,518.92	645.19
		For Class 52 Rating, Deduct	*-829.55*	
		For Class 54 Rating, Add	*1,142.93*	
		For Class 55 Rating, Add	*1,705.18*	
		For Class 56 Rating, Add	*2,259.89*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,747.33	648.54
		For Class 52 Rating, Deduct	*-854.12*	
		For Class 54 Rating, Add	*1,176.50*	
		For Class 55 Rating, Add	*1,755.11*	
		For Class 56 Rating, Add	*2,325.96*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,975.76	651.88
		For Class 52 Rating, Deduct	*-878.69*	
		For Class 54 Rating, Add	*1,210.06*	
		For Class 55 Rating, Add	*1,805.04*	
		For Class 56 Rating, Add	*2,392.03*	
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,204.18	655.23
		For Class 52 Rating, Deduct	*-903.26*	
		For Class 54 Rating, Add	*1,243.62*	
		For Class 55 Rating, Add	*1,854.97*	
		For Class 56 Rating, Add	*2,458.11*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,432.60	658.56
		For Class 52 Rating, Deduct	*-927.82*	
		For Class 54 Rating, Add	*1,277.19*	
		For Class 55 Rating, Add	*1,904.90*	
		For Class 56 Rating, Add	*2,524.18*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,661.02	661.91
		For Class 52 Rating, Deduct	*-952.39*	
		For Class 54 Rating, Add	*1,310.75*	
		For Class 55 Rating, Add	*1,954.83*	
		For Class 56 Rating, Add	*2,590.25*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,889.43	665.25
		For Class 52 Rating, Deduct	*-976.96*	
		For Class 54 Rating, Add	*1,344.32*	
		For Class 55 Rating, Add	*2,004.76*	
		For Class 56 Rating, Add	*2,656.32*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,117.85	668.60
		For Class 52 Rating, Deduct	*-1,001.53*	
		For Class 54 Rating, Add	*1,377.88*	
		For Class 55 Rating, Add	*2,054.69*	
		For Class 56 Rating, Add	*2,722.39*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,346.27	671.94
		For Class 52 Rating, Deduct	*-1,026.10*	
		For Class 54 Rating, Add	*1,411.44*	
		For Class 55 Rating, Add	*2,104.62*	
		For Class 56 Rating, Add	*2,788.46*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,574.70	675.28
		For Class 52 Rating, Deduct	*-1,050.67*	
		For Class 54 Rating, Add	*1,445.01*	
		For Class 55 Rating, Add	*2,154.55*	
		For Class 56 Rating, Add	*2,854.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,803.11	678.63
		For Class 52 Rating, Deduct	*-1,075.24*	
		For Class 54 Rating, Add	*1,478.57*	
		For Class 55 Rating, Add	*2,204.48*	
		For Class 56 Rating, Add	*2,920.61*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,031.53	681.97
		For Class 52 Rating, Deduct	*-1,099.81*	
		For Class 54 Rating, Add	*1,512.14*	
		For Class 55 Rating, Add	*2,254.41*	
		For Class 56 Rating, Add	*2,986.68*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,259.95	685.32
		For Class 52 Rating, Deduct	*-1,124.38*	
		For Class 54 Rating, Add	*1,545.70*	
		For Class 55 Rating, Add	*2,304.34*	
		For Class 56 Rating, Add	*3,052.75*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,288.87	641.85
		For Class 52 Rating, Deduct	*-254.80*	
		For Class 54 Rating, Add	*359.12*	
		For Class 55 Rating, Add	*539.89*	
		For Class 56 Rating, Add	*718.34*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,554.93	645.19
		For Class 52 Rating, Deduct	*-283.51*	
		For Class 54 Rating, Add	*398.33*	
		For Class 55 Rating, Add	*598.21*	
		For Class 56 Rating, Add	*795.51*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,820.99	648.54
		For Class 52 Rating, Deduct	*-312.22*	
		For Class 54 Rating, Add	*437.55*	
		For Class 55 Rating, Add	*656.54*	
		For Class 56 Rating, Add	*872.69*	
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,087.06	651.88
		For Class 52 Rating, Deduct	*-340.93*	
		For Class 54 Rating, Add	*476.76*	
		For Class 55 Rating, Add	*714.86*	
		For Class 56 Rating, Add	*949.87*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,353.12	655.23
		For Class 52 Rating, Deduct	*-369.64*	
		For Class 54 Rating, Add	*515.97*	
		For Class 55 Rating, Add	*773.18*	
		For Class 56 Rating, Add	*1,027.04*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,619.18	658.56
		For Class 52 Rating, Deduct	*-398.35*	
		For Class 54 Rating, Add	*555.18*	
		For Class 55 Rating, Add	*831.51*	
		For Class 56 Rating, Add	*1,104.22*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,885.25	661.91
		For Class 52 Rating, Deduct	*-427.06*	
		For Class 54 Rating, Add	*594.39*	
		For Class 55 Rating, Add	*889.83*	
		For Class 56 Rating, Add	*1,181.40*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,151.31	665.25
		For Class 52 Rating, Deduct	*-455.77*	
		For Class 54 Rating, Add	*633.60*	
		For Class 55 Rating, Add	*948.16*	
		For Class 56 Rating, Add	*1,258.57*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,417.37	668.60
		For Class 52 Rating, Deduct	*-484.48*	
		For Class 54 Rating, Add	*672.81*	
		For Class 55 Rating, Add	*1,006.48*	
		For Class 56 Rating, Add	*1,335.75*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,658.34	671.94
		For Class 52 Rating, Deduct	*-510.43*	
		For Class 54 Rating, Add	*708.25*	
		For Class 55 Rating, Add	*1,059.21*	
		For Class 56 Rating, Add	*1,405.52*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,949.50	675.28
		For Class 52 Rating, Deduct	*-541.90*	
		For Class 54 Rating, Add	*751.23*	
		For Class 55 Rating, Add	*1,123.13*	
		For Class 56 Rating, Add	*1,490.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,215.56	678.63
		For Class 52 Rating, Deduct	*-570.61*	
		For Class 54 Rating, Add	*790.44*	
		For Class 55 Rating, Add	*1,181.45*	
		For Class 56 Rating, Add	*1,567.28*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,481.62	681.97
		For Class 52 Rating, Deduct	*-599.32*	
		For Class 54 Rating, Add	*829.65*	
		For Class 55 Rating, Add	*1,239.78*	
		For Class 56 Rating, Add	*1,644.46*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,747.69	685.32
		For Class 52 Rating, Deduct	*-628.03*	
		For Class 54 Rating, Add	*868.86*	
		For Class 55 Rating, Add	*1,298.10*	
		For Class 56 Rating, Add	*1,721.64*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,013.76	688.65
		For Class 52 Rating, Deduct	*-656.74*	
		For Class 54 Rating, Add	*908.07*	
		For Class 55 Rating, Add	*1,356.43*	
		For Class 56 Rating, Add	*1,798.81*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,279.82	692.00
		For Class 52 Rating, Deduct	*-685.45*	
		For Class 54 Rating, Add	*947.28*	
		For Class 55 Rating, Add	*1,414.75*	
		For Class 56 Rating, Add	*1,875.99*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,545.89	695.34
		For Class 52 Rating, Deduct	*-714.16*	
		For Class 54 Rating, Add	*986.49*	
		For Class 55 Rating, Add	*1,473.08*	
		For Class 56 Rating, Add	*1,953.17*	
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,811.94	698.69
		For Class 52 Rating, Deduct	*-742.87*	
		For Class 54 Rating, Add	*1,025.70*	
		For Class 55 Rating, Add	*1,531.40*	
		For Class 56 Rating, Add	*2,030.34*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,078.00	702.03
		For Class 52 Rating, Deduct	*-771.58*	
		For Class 54 Rating, Add	*1,064.91*	
		For Class 55 Rating, Add	*1,589.72*	
		For Class 56 Rating, Add	*2,107.52*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,344.07	705.37
		For Class 52 Rating, Deduct	*-800.29*	
		For Class 54 Rating, Add	*1,104.12*	
		For Class 55 Rating, Add	*1,648.05*	
		For Class 56 Rating, Add	*2,184.70*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,610.14	708.71
		For Class 52 Rating, Deduct	*-829.00*	
		For Class 54 Rating, Add	*1,143.34*	
		For Class 55 Rating, Add	*1,706.37*	
		For Class 56 Rating, Add	*2,261.87*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,876.20	712.06
		For Class 52 Rating, Deduct	*-857.71*	
		For Class 54 Rating, Add	*1,182.55*	
		For Class 55 Rating, Add	*1,764.70*	
		For Class 56 Rating, Add	*2,339.05*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,142.27	715.40
		For Class 52 Rating, Deduct	*-886.42*	
		For Class 54 Rating, Add	*1,221.76*	
		For Class 55 Rating, Add	*1,823.02*	
		For Class 56 Rating, Add	*2,416.23*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,408.32	718.74
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,260.97*	
		For Class 55 Rating, Add	*1,881.34*	
		For Class 56 Rating, Add	*2,493.40*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,674.38	722.08
		For Class 52 Rating, Deduct	*-943.84*	
		For Class 54 Rating, Add	*1,300.18*	
		For Class 55 Rating, Add	*1,939.67*	
		For Class 56 Rating, Add	*2,570.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,940.46	725.43
		For Class 52 Rating, Deduct	*-972.55*	
		For Class 54 Rating, Add	*1,339.39*	
		For Class 55 Rating, Add	*1,997.99*	
		For Class 56 Rating, Add	*2,647.76*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,206.52	728.77
		For Class 52 Rating, Deduct	*-1,001.26*	
		For Class 54 Rating, Add	*1,378.60*	
		For Class 55 Rating, Add	*2,056.32*	
		For Class 56 Rating, Add	*2,724.94*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,472.58	732.12
		For Class 52 Rating, Deduct	*-1,029.97*	
		For Class 54 Rating, Add	*1,417.81*	
		For Class 55 Rating, Add	*2,114.64*	
		For Class 56 Rating, Add	*2,802.11*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,738.65	735.45
		For Class 52 Rating, Deduct	*-1,058.68*	
		For Class 54 Rating, Add	*1,457.02*	
		For Class 55 Rating, Add	*2,172.97*	
		For Class 56 Rating, Add	*2,879.29*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,004.70	738.80
		For Class 52 Rating, Deduct	*-1,087.38*	
		For Class 54 Rating, Add	*1,496.23*	
		For Class 55 Rating, Add	*2,231.29*	
		For Class 56 Rating, Add	*2,956.46*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,270.77	742.14
		For Class 52 Rating, Deduct	*-1,116.09*	
		For Class 54 Rating, Add	*1,535.44*	
		For Class 55 Rating, Add	*2,289.61*	
		For Class 56 Rating, Add	*3,033.64*	
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,536.84	745.49
		For Class 52 Rating, Deduct	*-1,144.80*	
		For Class 54 Rating, Add	*1,574.65*	
		For Class 55 Rating, Add	*2,347.94*	
		For Class 56 Rating, Add	*3,110.82*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,802.90	748.82
		For Class 52 Rating, Deduct	*-1,173.51*	
		For Class 54 Rating, Add	*1,613.86*	
		For Class 55 Rating, Add	*2,406.26*	
		For Class 56 Rating, Add	*3,188.00*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,068.96	752.17
		For Class 52 Rating, Deduct	*-1,202.22*	
		For Class 54 Rating, Add	*1,653.07*	
		For Class 55 Rating, Add	*2,464.59*	
		For Class 56 Rating, Add	*3,265.17*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,335.03	755.51
		For Class 52 Rating, Deduct	*-1,230.93*	
		For Class 54 Rating, Add	*1,692.28*	
		For Class 55 Rating, Add	*2,522.91*	
		For Class 56 Rating, Add	*3,342.35*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,601.08	758.86
		For Class 52 Rating, Deduct	*-1,259.64*	
		For Class 54 Rating, Add	*1,731.49*	
		For Class 55 Rating, Add	*2,581.23*	
		For Class 56 Rating, Add	*3,419.53*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,867.15	762.20
		For Class 52 Rating, Deduct	*-1,288.35*	
		For Class 54 Rating, Add	*1,770.70*	
		For Class 55 Rating, Add	*2,639.56*	
		For Class 56 Rating, Add	*3,496.70*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,133.22	765.54
		For Class 52 Rating, Deduct	*-1,317.06*	
		For Class 54 Rating, Add	*1,809.91*	
		For Class 55 Rating, Add	*2,697.88*	
		For Class 56 Rating, Add	*3,573.88*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,844.11	723.43
		For Class 52 Rating, Deduct	*-302.28*	
		For Class 54 Rating, Add	*425.35*	
		For Class 55 Rating, Add	*639.11*	
		For Class 56 Rating, Add	*850.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,150.32	726.77
		For Class 52 Rating, Deduct	*-335.41*	
		For Class 54 Rating, Add	*470.59*	
		For Class 55 Rating, Add	*706.39*	
		For Class 56 Rating, Add	*939.14*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,456.54	730.11
		For Class 52 Rating, Deduct	*-368.54*	
		For Class 54 Rating, Add	*515.82*	
		For Class 55 Rating, Add	*773.67*	
		For Class 56 Rating, Add	*1,028.17*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,762.75	733.45
		For Class 52 Rating, Deduct	*-401.66*	
		For Class 54 Rating, Add	*561.06*	
		For Class 55 Rating, Add	*840.95*	
		For Class 56 Rating, Add	*1,117.19*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,068.98	736.80
		For Class 52 Rating, Deduct	*-434.79*	
		For Class 54 Rating, Add	*606.29*	
		For Class 55 Rating, Add	*908.23*	
		For Class 56 Rating, Add	*1,206.21*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,375.19	740.14
		For Class 52 Rating, Deduct	*-467.91*	
		For Class 54 Rating, Add	*651.52*	
		For Class 55 Rating, Add	*975.50*	
		For Class 56 Rating, Add	*1,295.23*	
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,681.40	743.48
		For Class 52 Rating, Deduct	*-501.04*	
		For Class 54 Rating, Add	*696.76*	
		For Class 55 Rating, Add	*1,042.78*	
		For Class 56 Rating, Add	*1,384.25*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,987.63	746.83
		For Class 52 Rating, Deduct	*-534.17*	
		For Class 54 Rating, Add	*741.99*	
		For Class 55 Rating, Add	*1,110.06*	
		For Class 56 Rating, Add	*1,473.28*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,293.84	750.17
		For Class 52 Rating, Deduct	*-567.30*	
		For Class 54 Rating, Add	*787.22*	
		For Class 55 Rating, Add	*1,177.34*	
		For Class 56 Rating, Add	*1,562.30*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,600.06	753.52
		For Class 52 Rating, Deduct	*-600.42*	
		For Class 54 Rating, Add	*832.46*	
		For Class 55 Rating, Add	*1,244.62*	
		For Class 56 Rating, Add	*1,651.32*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,906.28	756.86
		For Class 52 Rating, Deduct	*-633.55*	
		For Class 54 Rating, Add	*877.69*	
		For Class 55 Rating, Add	*1,311.90*	
		For Class 56 Rating, Add	*1,740.34*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,212.49	760.20
		For Class 52 Rating, Deduct	*-666.67*	
		For Class 54 Rating, Add	*922.92*	
		For Class 55 Rating, Add	*1,379.18*	
		For Class 56 Rating, Add	*1,829.37*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,518.71	763.54
		For Class 52 Rating, Deduct	*-699.80*	
		For Class 54 Rating, Add	*968.16*	
		For Class 55 Rating, Add	*1,446.46*	
		For Class 56 Rating, Add	*1,918.39*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,824.93	766.89
		For Class 52 Rating, Deduct	*-732.93*	
		For Class 54 Rating, Add	*1,013.39*	
		For Class 55 Rating, Add	*1,513.73*	
		For Class 56 Rating, Add	*2,007.41*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,131.14	770.23
		For Class 52 Rating, Deduct	*-766.06*	
		For Class 54 Rating, Add	*1,058.63*	
		For Class 55 Rating, Add	*1,581.01*	
		For Class 56 Rating, Add	*2,096.43*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,437.36	773.58
		For Class 52 Rating, Deduct	*-799.18*	
		For Class 54 Rating, Add	*1,103.86*	
		For Class 55 Rating, Add	*1,648.29*	
		For Class 56 Rating, Add	*2,185.46*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,743.58	776.91
		For Class 52 Rating, Deduct	*-832.31*	
		For Class 54 Rating, Add	*1,149.09*	
		For Class 55 Rating, Add	*1,715.57*	
		For Class 56 Rating, Add	*2,274.48*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,049.80	780.26
		For Class 52 Rating, Deduct	*-865.44*	
		For Class 54 Rating, Add	*1,194.33*	
		For Class 55 Rating, Add	*1,782.85*	
		For Class 56 Rating, Add	*2,363.50*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,356.01	783.60
		For Class 52 Rating, Deduct	*-898.56*	
		For Class 54 Rating, Add	*1,239.56*	
		For Class 55 Rating, Add	*1,850.13*	
		For Class 56 Rating, Add	*2,452.52*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,662.23	786.95
		For Class 52 Rating, Deduct	*-931.69*	
		For Class 54 Rating, Add	*1,284.79*	
		For Class 55 Rating, Add	*1,917.40*	
		For Class 56 Rating, Add	*2,541.54*	
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,968.45	790.28
		For Class 52 Rating, Deduct	*-964.82*	
		For Class 54 Rating, Add	*1,330.03*	
		For Class 55 Rating, Add	*1,984.68*	
		For Class 56 Rating, Add	*2,630.57*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,274.66	793.63
		For Class 52 Rating, Deduct	*-997.94*	
		For Class 54 Rating, Add	*1,375.26*	
		For Class 55 Rating, Add	*2,051.96*	
		For Class 56 Rating, Add	*2,719.59*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,580.89	796.97
		For Class 52 Rating, Deduct	*-1,031.07*	
		For Class 54 Rating, Add	*1,420.49*	
		For Class 55 Rating, Add	*2,119.24*	
		For Class 56 Rating, Add	*2,808.61*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,887.10	800.32
		For Class 52 Rating, Deduct	*-1,064.20*	
		For Class 54 Rating, Add	*1,465.73*	
		For Class 55 Rating, Add	*2,186.52*	
		For Class 56 Rating, Add	*2,897.63*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,193.31	803.66
		For Class 52 Rating, Deduct	*-1,097.32*	
		For Class 54 Rating, Add	*1,510.96*	
		For Class 55 Rating, Add	*2,253.80*	
		For Class 56 Rating, Add	*2,986.66*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,499.54	807.00
		For Class 52 Rating, Deduct	*-1,130.45*	
		For Class 54 Rating, Add	*1,556.19*	
		For Class 55 Rating, Add	*2,321.07*	
		For Class 56 Rating, Add	*3,075.68*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,805.75	810.34
		For Class 52 Rating, Deduct	*-1,163.58*	
		For Class 54 Rating, Add	*1,601.43*	
		For Class 55 Rating, Add	*2,388.35*	
		For Class 56 Rating, Add	*3,164.70*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,111.97	813.69
		For Class 52 Rating, Deduct	*-1,196.70*	
		For Class 54 Rating, Add	*1,646.66*	
		For Class 55 Rating, Add	*2,455.63*	
		For Class 56 Rating, Add	*3,253.72*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,418.19	817.03
		For Class 52 Rating, Deduct	*-1,229.83*	
		For Class 54 Rating, Add	*1,691.90*	
		For Class 55 Rating, Add	*2,522.91*	
		For Class 56 Rating, Add	*3,342.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,724.40	820.37
		For Class 52 Rating, Deduct	*-1,262.96*	
		For Class 54 Rating, Add	*1,737.13*	
		For Class 55 Rating, Add	*2,590.19*	
		For Class 56 Rating, Add	*3,431.77*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,030.61	823.71
		For Class 52 Rating, Deduct	*-1,296.08*	
		For Class 54 Rating, Add	*1,782.36*	
		For Class 55 Rating, Add	*2,657.47*	
		For Class 56 Rating, Add	*3,520.79*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,336.84	827.06
		For Class 52 Rating, Deduct	*-1,329.21*	
		For Class 54 Rating, Add	*1,827.60*	
		For Class 55 Rating, Add	*2,724.74*	
		For Class 56 Rating, Add	*3,609.81*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,643.06	830.40
		For Class 52 Rating, Deduct	*-1,362.34*	
		For Class 54 Rating, Add	*1,872.83*	
		For Class 55 Rating, Add	*2,792.02*	
		For Class 56 Rating, Add	*3,698.83*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,949.27	833.75
		For Class 52 Rating, Deduct	*-1,395.46*	
		For Class 54 Rating, Add	*1,918.06*	
		For Class 55 Rating, Add	*2,859.30*	
		For Class 56 Rating, Add	*3,787.86*	
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,255.49	837.08
		For Class 52 Rating, Deduct	*-1,428.59*	
		For Class 54 Rating, Add	*1,963.30*	
		For Class 55 Rating, Add	*2,926.58*	
		For Class 56 Rating, Add	*3,876.88*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,561.70	840.43
		For Class 52 Rating, Deduct	*-1,461.72*	
		For Class 54 Rating, Add	*2,008.53*	
		For Class 55 Rating, Add	*2,993.86*	
		For Class 56 Rating, Add	*3,965.90*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,867.92	843.77
		For Class 52 Rating, Deduct	*-1,494.84*	
		For Class 54 Rating, Add	*2,053.76*	
		For Class 55 Rating, Add	*3,061.14*	
		For Class 56 Rating, Add	*4,054.92*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,174.15	847.12
		For Class 52 Rating, Deduct	*-1,527.97*	
		For Class 54 Rating, Add	*2,099.00*	
		For Class 55 Rating, Add	*3,128.42*	
		For Class 56 Rating, Add	*4,143.95*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,460.86	825.71
		For Class 52 Rating, Deduct	*-353.08*	
		For Class 54 Rating, Add	*496.48*	
		For Class 55 Rating, Add	*745.81*	
		For Class 56 Rating, Add	*991.92*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,812.25	829.06
		For Class 52 Rating, Deduct	*-391.17*	
		For Class 54 Rating, Add	*548.49*	
		For Class 55 Rating, Add	*823.16*	
		For Class 56 Rating, Add	*1,094.27*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,163.65	832.40
		For Class 52 Rating, Deduct	*-429.27*	
		For Class 54 Rating, Add	*600.50*	
		For Class 55 Rating, Add	*900.51*	
		For Class 56 Rating, Add	*1,196.62*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,515.03	835.75
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*652.51*	
		For Class 55 Rating, Add	*977.86*	
		For Class 56 Rating, Add	*1,298.97*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,866.43	839.09
		For Class 52 Rating, Deduct	*-505.46*	
		For Class 54 Rating, Add	*704.52*	
		For Class 55 Rating, Add	*1,055.22*	
		For Class 56 Rating, Add	*1,401.32*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,217.81	842.43
		For Class 52 Rating, Deduct	*-543.55*	
		For Class 54 Rating, Add	*756.53*	
		For Class 55 Rating, Add	*1,132.57*	
		For Class 56 Rating, Add	*1,503.66*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,569.20	845.77
		For Class 52 Rating, Deduct	*-581.65*	
		For Class 54 Rating, Add	*808.54*	
		For Class 55 Rating, Add	*1,209.92*	
		For Class 56 Rating, Add	*1,606.01*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,920.59	849.12
		For Class 52 Rating, Deduct	*-619.75*	
		For Class 54 Rating, Add	*860.55*	
		For Class 55 Rating, Add	*1,287.27*	
		For Class 56 Rating, Add	*1,708.36*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,271.99	852.46
		For Class 52 Rating, Deduct	*-657.84*	
		For Class 54 Rating, Add	*912.56*	
		For Class 55 Rating, Add	*1,364.62*	
		For Class 56 Rating, Add	*1,810.71*	
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,623.37	855.81
		For Class 52 Rating, Deduct	*-695.94*	
		For Class 54 Rating, Add	*964.57*	
		For Class 55 Rating, Add	*1,441.97*	
		For Class 56 Rating, Add	*1,913.06*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,974.77	859.14
		For Class 52 Rating, Deduct	*-734.03*	
		For Class 54 Rating, Add	*1,016.58*	
		For Class 55 Rating, Add	*1,519.33*	
		For Class 56 Rating, Add	*2,015.41*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,326.15	862.49
		For Class 52 Rating, Deduct	*-772.13*	
		For Class 54 Rating, Add	*1,068.58*	
		For Class 55 Rating, Add	*1,596.68*	
		For Class 56 Rating, Add	*2,117.75*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,677.54	865.83
		For Class 52 Rating, Deduct	*-810.22*	
		For Class 54 Rating, Add	*1,120.59*	
		For Class 55 Rating, Add	*1,674.03*	
		For Class 56 Rating, Add	*2,220.10*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,028.94	869.18
		For Class 52 Rating, Deduct	*-848.32*	
		For Class 54 Rating, Add	*1,172.60*	
		For Class 55 Rating, Add	*1,751.38*	
		For Class 56 Rating, Add	*2,322.45*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,380.33	872.51
		For Class 52 Rating, Deduct	*-886.42*	
		For Class 54 Rating, Add	*1,224.61*	
		For Class 55 Rating, Add	*1,828.74*	
		For Class 56 Rating, Add	*2,424.80*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,731.71	875.86
		For Class 52 Rating, Deduct	*-924.51*	
		For Class 54 Rating, Add	*1,276.62*	
		For Class 55 Rating, Add	*1,906.09*	
		For Class 56 Rating, Add	*2,527.15*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,083.11	879.20
		For Class 52 Rating, Deduct	*-962.61*	
		For Class 54 Rating, Add	*1,328.63*	
		For Class 55 Rating, Add	*1,983.44*	
		For Class 56 Rating, Add	*2,629.50*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,434.49	882.55
		For Class 52 Rating, Deduct	*-1,000.70*	
		For Class 54 Rating, Add	*1,380.64*	
		For Class 55 Rating, Add	*2,060.79*	
		For Class 56 Rating, Add	*2,731.84*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,785.88	885.89
		For Class 52 Rating, Deduct	*-1,038.80*	
		For Class 54 Rating, Add	*1,432.65*	
		For Class 55 Rating, Add	*2,138.14*	
		For Class 56 Rating, Add	*2,834.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,137.28	889.23
		For Class 52 Rating, Deduct	*-1,076.89*	
		For Class 54 Rating, Add	*1,484.66*	
		For Class 55 Rating, Add	*2,215.49*	
		For Class 56 Rating, Add	*2,936.54*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,488.66	892.58
		For Class 52 Rating, Deduct	*-1,114.99*	
		For Class 54 Rating, Add	*1,536.67*	
		For Class 55 Rating, Add	*2,292.85*	
		For Class 56 Rating, Add	*3,038.89*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,840.05	895.92
		For Class 52 Rating, Deduct	*-1,153.09*	
		For Class 54 Rating, Add	*1,588.68*	
		For Class 55 Rating, Add	*2,370.20*	
		For Class 56 Rating, Add	*3,141.24*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,191.44	899.27
		For Class 52 Rating, Deduct	*-1,191.18*	
		For Class 54 Rating, Add	*1,640.69*	
		For Class 55 Rating, Add	*2,447.55*	
		For Class 56 Rating, Add	*3,243.58*	
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,542.83	902.61
		For Class 52 Rating, Deduct	*-1,229.28*	
		For Class 54 Rating, Add	*1,692.70*	
		For Class 55 Rating, Add	*2,524.90*	
		For Class 56 Rating, Add	*3,345.93*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,894.22	905.95
		For Class 52 Rating, Deduct	*-1,267.37*	
		For Class 54 Rating, Add	*1,744.71*	
		For Class 55 Rating, Add	*2,602.25*	
		For Class 56 Rating, Add	*3,448.28*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,245.62	909.29
		For Class 52 Rating, Deduct	*-1,305.47*	
		For Class 54 Rating, Add	*1,796.72*	
		For Class 55 Rating, Add	*2,679.61*	
		For Class 56 Rating, Add	*3,550.63*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,597.00	912.64
		For Class 52 Rating, Deduct	*-1,343.56*	
		For Class 54 Rating, Add	*1,848.73*	
		For Class 55 Rating, Add	*2,756.96*	
		For Class 56 Rating, Add	*3,652.97*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,948.39	915.98
		For Class 52 Rating, Deduct	*-1,381.66*	
		For Class 54 Rating, Add	*1,900.74*	
		For Class 55 Rating, Add	*2,834.31*	
		For Class 56 Rating, Add	*3,755.32*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,299.78	919.32
		For Class 52 Rating, Deduct	*-1,419.76*	
		For Class 54 Rating, Add	*1,952.75*	
		For Class 55 Rating, Add	*2,911.66*	
		For Class 56 Rating, Add	*3,857.67*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,651.18	922.66
		For Class 52 Rating, Deduct	*-1,457.85*	
		For Class 54 Rating, Add	*2,004.76*	
		For Class 55 Rating, Add	*2,989.02*	
		For Class 56 Rating, Add	*3,960.02*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,002.56	926.01
		For Class 52 Rating, Deduct	*-1,495.95*	
		For Class 54 Rating, Add	*2,056.76*	
		For Class 55 Rating, Add	*3,066.37*	
		For Class 56 Rating, Add	*4,062.37*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,353.96	929.35
		For Class 52 Rating, Deduct	*-1,534.04*	
		For Class 54 Rating, Add	*2,108.77*	
		For Class 55 Rating, Add	*3,143.72*	
		For Class 56 Rating, Add	*4,164.72*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,705.34	932.70
		For Class 52 Rating, Deduct	*-1,572.14*	
		For Class 54 Rating, Add	*2,160.78*	
		For Class 55 Rating, Add	*3,221.07*	
		For Class 56 Rating, Add	*4,267.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,056.73	936.03
		For Class 52 Rating, Deduct	*-1,610.24*	
		For Class 54 Rating, Add	*2,212.79*	
		For Class 55 Rating, Add	*3,298.42*	
		For Class 56 Rating, Add	*4,369.41*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,408.13	939.38
		For Class 52 Rating, Deduct	*-1,648.33*	
		For Class 54 Rating, Add	*2,264.80*	
		For Class 55 Rating, Add	*3,375.77*	
		For Class 56 Rating, Add	*4,471.76*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,759.52	942.72
		For Class 52 Rating, Deduct	*-1,686.43*	
		For Class 54 Rating, Add	*2,316.81*	
		For Class 55 Rating, Add	*3,453.13*	
		For Class 56 Rating, Add	*4,574.11*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,110.90	946.07
		For Class 52 Rating, Deduct	*-1,724.52*	
		For Class 54 Rating, Add	*2,368.82*	
		For Class 55 Rating, Add	*3,530.48*	
		For Class 56 Rating, Add	*4,676.46*	
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,462.30	949.40
		For Class 52 Rating, Deduct	*-1,762.62*	
		For Class 54 Rating, Add	*2,420.83*	
		For Class 55 Rating, Add	*3,607.83*	
		For Class 56 Rating, Add	*4,778.81*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,534.53	976.15
		For Class 52 Rating, Deduct	*-446.11*	
		For Class 54 Rating, Add	*626.07*	
		For Class 55 Rating, Add	*939.88*	
		For Class 56 Rating, Add	*1,249.62*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,968.74	979.50
		For Class 52 Rating, Deduct	*-493.31*	
		For Class 54 Rating, Add	*690.51*	
		For Class 55 Rating, Add	*1,035.70*	
		For Class 56 Rating, Add	*1,376.40*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,402.95	982.83
		For Class 52 Rating, Deduct	*-540.52*	
		For Class 54 Rating, Add	*754.94*	
		For Class 55 Rating, Add	*1,131.52*	
		For Class 56 Rating, Add	*1,503.18*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,837.15	986.18
		For Class 52 Rating, Deduct	*-587.72*	
		For Class 54 Rating, Add	*819.37*	
		For Class 55 Rating, Add	*1,227.34*	
		For Class 56 Rating, Add	*1,629.96*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,271.35	989.52
		For Class 52 Rating, Deduct	*-634.93*	
		For Class 54 Rating, Add	*883.80*	
		For Class 55 Rating, Add	*1,323.16*	
		For Class 56 Rating, Add	*1,756.74*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,705.57	992.87
		For Class 52 Rating, Deduct	*-682.13*	
		For Class 54 Rating, Add	*948.24*	
		For Class 55 Rating, Add	*1,418.98*	
		For Class 56 Rating, Add	*1,883.52*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,139.77	996.20
		For Class 52 Rating, Deduct	*-729.34*	
		For Class 54 Rating, Add	*1,012.67*	
		For Class 55 Rating, Add	*1,514.80*	
		For Class 56 Rating, Add	*2,010.29*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,573.97	999.55
		For Class 52 Rating, Deduct	*-776.55*	
		For Class 54 Rating, Add	*1,077.10*	
		For Class 55 Rating, Add	*1,610.62*	
		For Class 56 Rating, Add	*2,137.07*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,008.19	1,002.90
		For Class 52 Rating, Deduct	*-823.75*	
		For Class 54 Rating, Add	*1,141.53*	
		For Class 55 Rating, Add	*1,706.44*	
		For Class 56 Rating, Add	*2,263.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,442.39	1,006.24
		For Class 52 Rating, Deduct	*-870.96*	
		For Class 54 Rating, Add	*1,205.96*	
		For Class 55 Rating, Add	*1,802.26*	
		For Class 56 Rating, Add	*2,390.63*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,876.59	1,009.59
		For Class 52 Rating, Deduct	*-918.16*	
		For Class 54 Rating, Add	*1,270.40*	
		For Class 55 Rating, Add	*1,898.08*	
		For Class 56 Rating, Add	*2,517.41*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,310.81	1,012.92
		For Class 52 Rating, Deduct	*-965.37*	
		For Class 54 Rating, Add	*1,334.83*	
		For Class 55 Rating, Add	*1,993.90*	
		For Class 56 Rating, Add	*2,644.19*	
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,745.01	1,016.27
		For Class 52 Rating, Deduct	*-1,012.57*	
		For Class 54 Rating, Add	*1,399.26*	
		For Class 55 Rating, Add	*2,089.72*	
		For Class 56 Rating, Add	*2,770.97*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,179.21	1,019.61
		For Class 52 Rating, Deduct	*-1,059.78*	
		For Class 54 Rating, Add	*1,463.69*	
		For Class 55 Rating, Add	*2,185.54*	
		For Class 56 Rating, Add	*2,897.75*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,613.43	1,022.96
		For Class 52 Rating, Deduct	*-1,106.99*	
		For Class 54 Rating, Add	*1,528.12*	
		For Class 55 Rating, Add	*2,281.36*	
		For Class 56 Rating, Add	*3,024.53*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,047.63	1,026.30
		For Class 52 Rating, Deduct	*-1,154.19*	
		For Class 54 Rating, Add	*1,592.56*	
		For Class 55 Rating, Add	*2,377.18*	
		For Class 56 Rating, Add	*3,151.31*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,481.84	1,029.64
		For Class 52 Rating, Deduct	*-1,201.40*	
		For Class 54 Rating, Add	*1,656.99*	
		For Class 55 Rating, Add	*2,473.00*	
		For Class 56 Rating, Add	*3,278.09*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,916.05	1,032.98
		For Class 52 Rating, Deduct	*-1,248.60*	
		For Class 54 Rating, Add	*1,721.42*	
		For Class 55 Rating, Add	*2,568.82*	
		For Class 56 Rating, Add	*3,404.87*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,350.25	1,036.33
		For Class 52 Rating, Deduct	*-1,295.81*	
		For Class 54 Rating, Add	*1,785.85*	
		For Class 55 Rating, Add	*2,664.64*	
		For Class 56 Rating, Add	*3,531.64*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,784.45	1,039.67
		For Class 52 Rating, Deduct	*-1,343.01*	
		For Class 54 Rating, Add	*1,850.28*	
		For Class 55 Rating, Add	*2,760.46*	
		For Class 56 Rating, Add	*3,658.42*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,218.67	1,043.01
		For Class 52 Rating, Deduct	*-1,390.22*	
		For Class 54 Rating, Add	*1,914.72*	
		For Class 55 Rating, Add	*2,856.28*	
		For Class 56 Rating, Add	*3,785.20*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,652.88	1,046.35
		For Class 52 Rating, Deduct	*-1,437.42*	
		For Class 54 Rating, Add	*1,979.15*	
		For Class 55 Rating, Add	*2,952.10*	
		For Class 56 Rating, Add	*3,911.98*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,087.08	1,049.70
		For Class 52 Rating, Deduct	*-1,484.63*	
		For Class 54 Rating, Add	*2,043.58*	
		For Class 55 Rating, Add	*3,047.92*	
		For Class 56 Rating, Add	*4,038.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,521.29	1,053.04
		For Class 52 Rating, Deduct	*-1,531.83*	
		For Class 54 Rating, Add	*2,108.01*	
		For Class 55 Rating, Add	*3,143.74*	
		For Class 56 Rating, Add	*4,165.54*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,955.49	1,056.39
		For Class 52 Rating, Deduct	*-1,579.04*	
		For Class 54 Rating, Add	*2,172.44*	
		For Class 55 Rating, Add	*3,239.56*	
		For Class 56 Rating, Add	*4,292.32*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,389.69	1,059.72
		For Class 52 Rating, Deduct	*-1,626.25*	
		For Class 54 Rating, Add	*2,236.88*	
		For Class 55 Rating, Add	*3,335.38*	
		For Class 56 Rating, Add	*4,419.10*	
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,823.91	1,063.07
		For Class 52 Rating, Deduct	*-1,673.45*	
		For Class 54 Rating, Add	*2,301.31*	
		For Class 55 Rating, Add	*3,431.20*	
		For Class 56 Rating, Add	*4,545.88*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,258.12	1,066.41
		For Class 52 Rating, Deduct	*-1,720.66*	
		For Class 54 Rating, Add	*2,365.74*	
		For Class 55 Rating, Add	*3,527.02*	
		For Class 56 Rating, Add	*4,672.66*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,692.32	1,069.76
		For Class 52 Rating, Deduct	*-1,767.86*	
		For Class 54 Rating, Add	*2,430.17*	
		For Class 55 Rating, Add	*3,622.84*	
		For Class 56 Rating, Add	*4,799.44*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,212.63	1,129.93
		For Class 52 Rating, Deduct	*-1,815.07*	
		For Class 54 Rating, Add	*2,495.64*	
		For Class 55 Rating, Add	*3,720.73*	
		For Class 56 Rating, Add	*4,929.32*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,646.83	1,133.28
		For Class 52 Rating, Deduct	*-1,862.27*	
		For Class 54 Rating, Add	*2,560.07*	
		For Class 55 Rating, Add	*3,816.55*	
		For Class 56 Rating, Add	*5,056.09*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,081.05	1,136.61
		For Class 52 Rating, Deduct	*-1,909.48*	
		For Class 54 Rating, Add	*2,624.50*	
		For Class 55 Rating, Add	*3,912.37*	
		For Class 56 Rating, Add	*5,182.87*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,515.25	1,139.96
		For Class 52 Rating, Deduct	*-1,956.68*	
		For Class 54 Rating, Add	*2,688.93*	
		For Class 55 Rating, Add	*4,008.19*	
		For Class 56 Rating, Add	*5,309.65*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,949.46	1,143.30
		For Class 52 Rating, Deduct	*-2,003.89*	
		For Class 54 Rating, Add	*2,753.37*	
		For Class 55 Rating, Add	*4,104.01*	
		For Class 56 Rating, Add	*5,436.43*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,383.67	1,146.65
		For Class 52 Rating, Deduct	*-2,051.10*	
		For Class 54 Rating, Add	*2,817.80*	
		For Class 55 Rating, Add	*4,199.83*	
		For Class 56 Rating, Add	*5,563.21*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,817.87	1,149.98
		For Class 52 Rating, Deduct	*-2,098.30*	
		For Class 54 Rating, Add	*2,882.23*	
		For Class 55 Rating, Add	*4,295.65*	
		For Class 56 Rating, Add	*5,689.99*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,252.07	1,153.33
		For Class 52 Rating, Deduct	*-2,145.51*	
		For Class 54 Rating, Add	*2,946.66*	
		For Class 55 Rating, Add	*4,391.47*	
		For Class 56 Rating, Add	*5,816.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,686.29	1,156.67
		For Class 52 Rating, Deduct	*-2,192.71*	
		For Class 54 Rating, Add	*3,011.09*	
		For Class 55 Rating, Add	*4,487.29*	
		For Class 56 Rating, Add	*5,943.55*	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,561.60	1,377.31
		For Class 52 Rating, Deduct	*-712.22*	
		For Class 54 Rating, Add	*996.26*	
		For Class 55 Rating, Add	*1,493.96*	
		For Class 56 Rating, Add	*1,985.18*	
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,186.54	1,380.66
		For Class 52 Rating, Deduct	*-780.41*	
		For Class 54 Rating, Add	*1,089.30*	
		For Class 55 Rating, Add	*1,632.31*	
		For Class 56 Rating, Add	*2,168.23*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,811.47	1,383.99
		For Class 52 Rating, Deduct	*-848.60*	
		For Class 54 Rating, Add	*1,182.34*	
		For Class 55 Rating, Add	*1,770.66*	
		For Class 56 Rating, Add	*2,351.27*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,436.41	1,387.34
		For Class 52 Rating, Deduct	*-916.78*	
		For Class 54 Rating, Add	*1,275.38*	
		For Class 55 Rating, Add	*1,909.02*	
		For Class 56 Rating, Add	*2,534.32*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,061.35	1,390.68
		For Class 52 Rating, Deduct	*-984.97*	
		For Class 54 Rating, Add	*1,368.42*	
		For Class 55 Rating, Add	*2,047.37*	
		For Class 56 Rating, Add	*2,717.36*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,686.28	1,394.03
		For Class 52 Rating, Deduct	*-1,053.15*	
		For Class 54 Rating, Add	*1,461.46*	
		For Class 55 Rating, Add	*2,185.72*	
		For Class 56 Rating, Add	*2,900.40*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,311.22	1,397.36
		For Class 52 Rating, Deduct	*-1,121.34*	
		For Class 54 Rating, Add	*1,554.51*	
		For Class 55 Rating, Add	*2,324.08*	
		For Class 56 Rating, Add	*3,083.45*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,936.16	1,400.71
		For Class 52 Rating, Deduct	*-1,189.53*	
		For Class 54 Rating, Add	*1,647.55*	
		For Class 55 Rating, Add	*2,462.43*	
		For Class 56 Rating, Add	*3,266.49*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,561.10	1,404.05
		For Class 52 Rating, Deduct	*-1,257.71*	
		For Class 54 Rating, Add	*1,740.59*	
		For Class 55 Rating, Add	*2,600.78*	
		For Class 56 Rating, Add	*3,449.54*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,186.03	1,407.40
		For Class 52 Rating, Deduct	*-1,325.90*	
		For Class 54 Rating, Add	*1,833.63*	
		For Class 55 Rating, Add	*2,739.13*	
		For Class 56 Rating, Add	*3,632.58*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,810.97	1,410.74
		For Class 52 Rating, Deduct	*-1,394.08*	
		For Class 54 Rating, Add	*1,926.67*	
		For Class 55 Rating, Add	*2,877.49*	
		For Class 56 Rating, Add	*3,815.63*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,435.90	1,414.08
		For Class 52 Rating, Deduct	*-1,462.27*	
		For Class 54 Rating, Add	*2,019.71*	
		For Class 55 Rating, Add	*3,015.84*	
		For Class 56 Rating, Add	*3,998.67*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,060.83	1,417.42
		For Class 52 Rating, Deduct	*-1,530.45*	
		For Class 54 Rating, Add	*2,112.75*	
		For Class 55 Rating, Add	*3,154.19*	
		For Class 56 Rating, Add	*4,181.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,685.77	1,420.77
		For Class 52 Rating, Deduct	*-1,598.64*	
		For Class 54 Rating, Add	*2,205.80*	
		For Class 55 Rating, Add	*3,292.54*	
		For Class 56 Rating, Add	*4,364.76*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,310.71	1,424.11
		For Class 52 Rating, Deduct	*-1,666.83*	
		For Class 54 Rating, Add	*2,298.84*	
		For Class 55 Rating, Add	*3,430.90*	
		For Class 56 Rating, Add	*4,547.80*	
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,935.65	1,427.46
		For Class 52 Rating, Deduct	*-1,735.01*	
		For Class 54 Rating, Add	*2,391.88*	
		For Class 55 Rating, Add	*3,569.25*	
		For Class 56 Rating, Add	*4,730.85*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,560.58	1,430.79
		For Class 52 Rating, Deduct	*-1,803.20*	
		For Class 54 Rating, Add	*2,484.92*	
		For Class 55 Rating, Add	*3,707.60*	
		For Class 56 Rating, Add	*4,913.89*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,185.52	1,434.14
		For Class 52 Rating, Deduct	*-1,871.38*	
		For Class 54 Rating, Add	*2,577.96*	
		For Class 55 Rating, Add	*3,845.96*	
		For Class 56 Rating, Add	*5,096.94*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,810.45	1,437.48
		For Class 52 Rating, Deduct	*-1,939.57*	
		For Class 54 Rating, Add	*2,671.00*	
		For Class 55 Rating, Add	*3,984.31*	
		For Class 56 Rating, Add	*5,279.98*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,435.39	1,440.83
		For Class 52 Rating, Deduct	*-2,007.76*	
		For Class 54 Rating, Add	*2,764.04*	
		For Class 55 Rating, Add	*4,122.66*	
		For Class 56 Rating, Add	*5,463.02*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,060.33	1,444.17
		For Class 52 Rating, Deduct	*-2,075.94*	
		For Class 54 Rating, Add	*2,857.09*	
		For Class 55 Rating, Add	*4,261.01*	
		For Class 56 Rating, Add	*5,646.07*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,685.26	1,447.51
		For Class 52 Rating, Deduct	*-2,144.13*	
		For Class 54 Rating, Add	*2,950.13*	
		For Class 55 Rating, Add	*4,399.37*	
		For Class 56 Rating, Add	*5,829.11*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,310.19	1,450.86
		For Class 52 Rating, Deduct	*-2,212.31*	
		For Class 54 Rating, Add	*3,043.17*	
		For Class 55 Rating, Add	*4,537.72*	
		For Class 56 Rating, Add	*6,012.16*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,935.14	1,454.20
		For Class 52 Rating, Deduct	*-2,280.50*	
		For Class 54 Rating, Add	*3,136.21*	
		For Class 55 Rating, Add	*4,676.07*	
		For Class 56 Rating, Add	*6,195.20*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,560.08	1,457.55
		For Class 52 Rating, Deduct	*-2,348.68*	
		For Class 54 Rating, Add	*3,229.25*	
		For Class 55 Rating, Add	*4,814.43*	
		For Class 56 Rating, Add	*6,378.25*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,185.01	1,460.88
		For Class 52 Rating, Deduct	*-2,416.87*	
		For Class 54 Rating, Add	*3,322.29*	
		For Class 55 Rating, Add	*4,952.78*	
		For Class 56 Rating, Add	*6,561.29*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,809.95	1,464.23
		For Class 52 Rating, Deduct	*-2,485.06*	
		For Class 54 Rating, Add	*3,415.34*	
		For Class 55 Rating, Add	*5,091.13*	
		For Class 56 Rating, Add	*6,744.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,434.88	1,467.57
		For Class 52 Rating, Deduct	*-2,553.24*	
		For Class 54 Rating, Add	*3,508.38*	
		For Class 55 Rating, Add	*5,229.48*	
		For Class 56 Rating, Add	*6,927.38*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,059.81	1,470.92
		For Class 52 Rating, Deduct	*-2,621.43*	
		For Class 54 Rating, Add	*3,601.42*	
		For Class 55 Rating, Add	*5,367.84*	
		For Class 56 Rating, Add	*7,110.42*	
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,684.75	1,474.25
		For Class 52 Rating, Deduct	*-2,689.61*	
		For Class 54 Rating, Add	*3,694.46*	
		For Class 55 Rating, Add	*5,506.19*	
		For Class 56 Rating, Add	*7,293.47*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,309.69	1,477.60
		For Class 52 Rating, Deduct	*-2,757.80*	
		For Class 54 Rating, Add	*3,787.50*	
		For Class 55 Rating, Add	*5,644.54*	
		For Class 56 Rating, Add	*7,476.51*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,934.63	1,480.94
		For Class 52 Rating, Deduct	*-2,825.99*	
		For Class 54 Rating, Add	*3,880.54*	
		For Class 55 Rating, Add	*5,782.90*	
		For Class 56 Rating, Add	*7,659.56*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,559.57	1,484.29
		For Class 52 Rating, Deduct	*-2,894.17*	
		For Class 54 Rating, Add	*3,973.58*	
		For Class 55 Rating, Add	*5,921.25*	
		For Class 56 Rating, Add	*7,842.60*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,184.50	1,487.63
		For Class 52 Rating, Deduct	*-2,962.36*	
		For Class 54 Rating, Add	*4,066.63*	
		For Class 55 Rating, Add	*6,059.60*	
		For Class 56 Rating, Add	*8,025.65*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,809.43	1,490.97
		For Class 52 Rating, Deduct	*-3,030.54*	
		For Class 54 Rating, Add	*4,159.67*	
		For Class 55 Rating, Add	*6,197.95*	
		For Class 56 Rating, Add	*8,208.69*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,434.38	1,494.31
		For Class 52 Rating, Deduct	*-3,098.73*	
		For Class 54 Rating, Add	*4,252.71*	
		For Class 55 Rating, Add	*6,336.31*	
		For Class 56 Rating, Add	*8,391.74*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,059.31	1,497.66
		For Class 52 Rating, Deduct	*-3,166.91*	
		For Class 54 Rating, Add	*4,345.75*	
		For Class 55 Rating, Add	*6,474.66*	
		For Class 56 Rating, Add	*8,574.78*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,684.24	1,501.00
		For Class 52 Rating, Deduct	*-3,235.10*	
		For Class 54 Rating, Add	*4,438.79*	
		For Class 55 Rating, Add	*6,613.01*	
		For Class 56 Rating, Add	*8,757.82*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,771.42	1,745.04
		For Class 52 Rating, Deduct	*-1,004.02*	
		For Class 54 Rating, Add	*1,400.84*	
		For Class 55 Rating, Add	*2,098.87*	
		For Class 56 Rating, Add	*2,787.77*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,619.70	1,748.38
		For Class 52 Rating, Deduct	*-1,096.77*	
		For Class 54 Rating, Add	*1,527.38*	
		For Class 55 Rating, Add	*2,287.03*	
		For Class 56 Rating, Add	*3,036.70*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,468.00	1,751.72
		For Class 52 Rating, Deduct	*-1,189.53*	
		For Class 54 Rating, Add	*1,653.93*	
		For Class 55 Rating, Add	*2,475.19*	
		For Class 56 Rating, Add	*3,285.64*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,316.28	1,755.06
		For Class 52 Rating, Deduct	*-1,282.28*	
		For Class 54 Rating, Add	*1,780.47*	
		For Class 55 Rating, Add	*2,663.35*	
		For Class 56 Rating, Add	*3,534.57*	
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,164.57	1,758.41
		For Class 52 Rating, Deduct	*-1,375.04*	
		For Class 54 Rating, Add	*1,907.02*	
		For Class 55 Rating, Add	*2,851.51*	
		For Class 56 Rating, Add	*3,783.51*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,012.87	1,761.75
		For Class 52 Rating, Deduct	*-1,467.79*	
		For Class 54 Rating, Add	*2,033.56*	
		For Class 55 Rating, Add	*3,039.67*	
		For Class 56 Rating, Add	*4,032.44*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,861.16	1,765.10
		For Class 52 Rating, Deduct	*-1,560.54*	
		For Class 54 Rating, Add	*2,160.11*	
		For Class 55 Rating, Add	*3,227.84*	
		For Class 56 Rating, Add	*4,281.38*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,709.44	1,768.43
		For Class 52 Rating, Deduct	*-1,653.30*	
		For Class 54 Rating, Add	*2,286.65*	
		For Class 55 Rating, Add	*3,415.99*	
		For Class 56 Rating, Add	*4,530.31*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,557.74	1,771.78
		For Class 52 Rating, Deduct	*-1,746.05*	
		For Class 54 Rating, Add	*2,413.20*	
		For Class 55 Rating, Add	*3,604.16*	
		For Class 56 Rating, Add	*4,779.24*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,406.03	1,775.13
		For Class 52 Rating, Deduct	*-1,838.81*	
		For Class 54 Rating, Add	*2,539.74*	
		For Class 55 Rating, Add	*3,792.32*	
		For Class 56 Rating, Add	*5,028.18*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,254.31	1,778.47
		For Class 52 Rating, Deduct	*-1,931.56*	
		For Class 54 Rating, Add	*2,666.29*	
		For Class 55 Rating, Add	*3,980.48*	
		For Class 56 Rating, Add	*5,277.11*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,102.62	1,781.82
		For Class 52 Rating, Deduct	*-2,024.32*	
		For Class 54 Rating, Add	*2,792.83*	
		For Class 55 Rating, Add	*4,168.64*	
		For Class 56 Rating, Add	*5,526.05*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,950.90	1,785.15
		For Class 52 Rating, Deduct	*-2,117.07*	
		For Class 54 Rating, Add	*2,919.38*	
		For Class 55 Rating, Add	*4,356.80*	
		For Class 56 Rating, Add	*5,774.98*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,799.19	1,788.50
		For Class 52 Rating, Deduct	*-2,209.83*	
		For Class 54 Rating, Add	*3,045.92*	
		For Class 55 Rating, Add	*4,544.96*	
		For Class 56 Rating, Add	*6,023.91*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,647.48	1,791.84
		For Class 52 Rating, Deduct	*-2,302.58*	
		For Class 54 Rating, Add	*3,172.46*	
		For Class 55 Rating, Add	*4,733.12*	
		For Class 56 Rating, Add	*6,272.84*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,495.77	1,795.19
		For Class 52 Rating, Deduct	*-2,395.34*	
		For Class 54 Rating, Add	*3,299.01*	
		For Class 55 Rating, Add	*4,921.28*	
		For Class 56 Rating, Add	*6,521.78*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,344.06	1,798.52
		For Class 52 Rating, Deduct	*-2,488.09*	
		For Class 54 Rating, Add	*3,425.55*	
		For Class 55 Rating, Add	*5,109.44*	
		For Class 56 Rating, Add	*6,770.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,192.36	1,801.87
		For Class 52 Rating, Deduct	*-2,580.85*	
		For Class 54 Rating, Add	*3,552.10*	
		For Class 55 Rating, Add	*5,297.60*	
		For Class 56 Rating, Add	*7,019.65*	
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,040.65	1,805.21
		For Class 52 Rating, Deduct	*-2,673.60*	
		For Class 54 Rating, Add	*3,678.64*	
		For Class 55 Rating, Add	*5,485.77*	
		For Class 56 Rating, Add	*7,268.58*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,888.93	1,808.56
		For Class 52 Rating, Deduct	*-2,766.36*	
		For Class 54 Rating, Add	*3,805.19*	
		For Class 55 Rating, Add	*5,673.93*	
		For Class 56 Rating, Add	*7,517.51*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,737.23	1,811.90
		For Class 52 Rating, Deduct	*-2,859.11*	
		For Class 54 Rating, Add	*3,931.73*	
		For Class 55 Rating, Add	*5,862.09*	
		For Class 56 Rating, Add	*7,766.45*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,585.52	1,815.24
		For Class 52 Rating, Deduct	*-2,951.87*	
		For Class 54 Rating, Add	*4,058.28*	
		For Class 55 Rating, Add	*6,050.25*	
		For Class 56 Rating, Add	*8,015.38*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,433.81	1,818.58
		For Class 52 Rating, Deduct	*-3,044.62*	
		For Class 54 Rating, Add	*4,184.82*	
		For Class 55 Rating, Add	*6,238.41*	
		For Class 56 Rating, Add	*8,264.32*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,282.10	1,821.93
		For Class 52 Rating, Deduct	*-3,137.38*	
		For Class 54 Rating, Add	*4,311.37*	
		For Class 55 Rating, Add	*6,426.57*	
		For Class 56 Rating, Add	*8,513.25*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,130.39	1,825.27
		For Class 52 Rating, Deduct	*-3,230.13*	
		For Class 54 Rating, Add	*4,437.91*	
		For Class 55 Rating, Add	*6,614.73*	
		For Class 56 Rating, Add	*8,762.19*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,978.68	1,828.62
		For Class 52 Rating, Deduct	*-3,322.89*	
		For Class 54 Rating, Add	*4,564.46*	
		For Class 55 Rating, Add	*6,802.89*	
		For Class 56 Rating, Add	*9,011.12*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,826.97	1,831.95
		For Class 52 Rating, Deduct	*-3,415.64*	
		For Class 54 Rating, Add	*4,691.00*	
		For Class 55 Rating, Add	*6,991.05*	
		For Class 56 Rating, Add	*9,260.05*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,675.27	1,835.30
		For Class 52 Rating, Deduct	*-3,508.40*	
		For Class 54 Rating, Add	*4,817.55*	
		For Class 55 Rating, Add	*7,179.21*	
		For Class 56 Rating, Add	*9,508.99*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,523.55	1,838.64
		For Class 52 Rating, Deduct	*-3,601.15*	
		For Class 54 Rating, Add	*4,944.09*	
		For Class 55 Rating, Add	*7,367.37*	
		For Class 56 Rating, Add	*9,757.92*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,371.85	1,841.99
		For Class 52 Rating, Deduct	*-3,693.91*	
		For Class 54 Rating, Add	*5,070.63*	
		For Class 55 Rating, Add	*7,555.54*	
		For Class 56 Rating, Add	*10,006.86*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,220.13	1,845.32
		For Class 52 Rating, Deduct	*-3,786.66*	
		For Class 54 Rating, Add	*5,197.18*	
		For Class 55 Rating, Add	*7,743.69*	
		For Class 56 Rating, Add	*10,255.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,068.42	1,848.67
		For Class 52 Rating, Deduct	*-3,879.42*	
		For Class 54 Rating, Add	*5,323.72*	
		For Class 55 Rating, Add	*7,931.86*	
		For Class 56 Rating, Add	*10,504.72*	
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,916.72	1,852.01
		For Class 52 Rating, Deduct	*-3,972.17*	
		For Class 54 Rating, Add	*5,450.27*	
		For Class 55 Rating, Add	*8,120.02*	
		For Class 56 Rating, Add	*10,753.66*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,765.01	1,855.36
		For Class 52 Rating, Deduct	*-4,064.92*	
		For Class 54 Rating, Add	*5,576.81*	
		For Class 55 Rating, Add	*8,308.18*	
		For Class 56 Rating, Add	*11,002.59*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,613.30	1,858.70
		For Class 52 Rating, Deduct	*-4,157.68*	
		For Class 54 Rating, Add	*5,703.36*	
		For Class 55 Rating, Add	*8,496.34*	
		For Class 56 Rating, Add	*11,251.53*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,461.59	1,862.04
		For Class 52 Rating, Deduct	*-4,250.43*	
		For Class 54 Rating, Add	*5,829.90*	
		For Class 55 Rating, Add	*8,684.50*	
		For Class 56 Rating, Add	*11,500.46*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,309.88	1,865.38
		For Class 52 Rating, Deduct	*-4,343.19*	
		For Class 54 Rating, Add	*5,956.45*	
		For Class 55 Rating, Add	*8,872.66*	
		For Class 56 Rating, Add	*11,749.39*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,158.17	1,868.73
		For Class 52 Rating, Deduct	*-4,435.94*	
		For Class 54 Rating, Add	*6,082.99*	
		For Class 55 Rating, Add	*9,060.82*	
		For Class 56 Rating, Add	*11,998.32*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	611.60	163.49
		For Class 52 Rating, Deduct	*-40.03*	
		For Class 54 Rating, Add	*57.56*	
		For Class 55 Rating, Add	*87.09*	
		For Class 56 Rating, Add	*116.27*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	681.18	166.35
		For Class 52 Rating, Deduct	*-47.21*	
		For Class 54 Rating, Add	*67.40*	
		For Class 55 Rating, Add	*101.75*	
		For Class 56 Rating, Add	*135.67*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	750.76	169.21
		For Class 52 Rating, Deduct	*-54.38*	
		For Class 54 Rating, Add	*77.23*	
		For Class 55 Rating, Add	*116.40*	
		For Class 56 Rating, Add	*155.07*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	820.35	172.06
		For Class 52 Rating, Deduct	*-61.56*	
		For Class 54 Rating, Add	*87.07*	
		For Class 55 Rating, Add	*131.06*	
		For Class 56 Rating, Add	*174.48*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	889.92	174.93
		For Class 52 Rating, Deduct	*-68.74*	
		For Class 54 Rating, Add	*96.91*	
		For Class 55 Rating, Add	*145.71*	
		For Class 56 Rating, Add	*193.88*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	959.50	177.79
		For Class 52 Rating, Deduct	*-75.92*	
		For Class 54 Rating, Add	*106.75*	
		For Class 55 Rating, Add	*160.37*	
		For Class 56 Rating, Add	*213.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,029.09	180.65
		For Class 52 Rating, Deduct	*-83.09*	
		For Class 54 Rating, Add	*116.59*	
		For Class 55 Rating, Add	*175.02*	
		For Class 56 Rating, Add	*232.69*	
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,098.67	183.49
		For Class 52 Rating, Deduct	*-90.27*	
		For Class 54 Rating, Add	*126.43*	
		For Class 55 Rating, Add	*189.68*	
		For Class 56 Rating, Add	*252.10*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,168.24	186.36
		For Class 52 Rating, Deduct	*-97.45*	
		For Class 54 Rating, Add	*136.27*	
		For Class 55 Rating, Add	*204.33*	
		For Class 56 Rating, Add	*271.50*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,237.82	189.22
		For Class 52 Rating, Deduct	*-104.63*	
		For Class 54 Rating, Add	*146.11*	
		For Class 55 Rating, Add	*218.98*	
		For Class 56 Rating, Add	*290.91*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,307.41	192.07
		For Class 52 Rating, Deduct	*-111.80*	
		For Class 54 Rating, Add	*155.95*	
		For Class 55 Rating, Add	*233.64*	
		For Class 56 Rating, Add	*310.31*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,376.99	194.93
		For Class 52 Rating, Deduct	*-118.98*	
		For Class 54 Rating, Add	*165.79*	
		For Class 55 Rating, Add	*248.29*	
		For Class 56 Rating, Add	*329.72*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,446.56	197.79
		For Class 52 Rating, Deduct	*-126.16*	
		For Class 54 Rating, Add	*175.63*	
		For Class 55 Rating, Add	*262.95*	
		For Class 56 Rating, Add	*349.12*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,516.15	200.66
		For Class 52 Rating, Deduct	*-133.34*	
		For Class 54 Rating, Add	*185.47*	
		For Class 55 Rating, Add	*277.60*	
		For Class 56 Rating, Add	*368.53*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.73	203.51
		For Class 52 Rating, Deduct	*-140.51*	
		For Class 54 Rating, Add	*195.31*	
		For Class 55 Rating, Add	*292.26*	
		For Class 56 Rating, Add	*387.93*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,655.31	206.36
		For Class 52 Rating, Deduct	*-147.69*	
		For Class 54 Rating, Add	*205.15*	
		For Class 55 Rating, Add	*306.91*	
		For Class 56 Rating, Add	*407.33*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,724.90	209.22
		For Class 52 Rating, Deduct	*-154.87*	
		For Class 54 Rating, Add	*214.99*	
		For Class 55 Rating, Add	*321.57*	
		For Class 56 Rating, Add	*426.74*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,794.47	212.07
		For Class 52 Rating, Deduct	*-162.05*	
		For Class 54 Rating, Add	*224.83*	
		For Class 55 Rating, Add	*336.22*	
		For Class 56 Rating, Add	*446.14*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,864.04	214.94
		For Class 52 Rating, Deduct	*-169.22*	
		For Class 54 Rating, Add	*234.66*	
		For Class 55 Rating, Add	*350.87*	
		For Class 56 Rating, Add	*465.55*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,933.62	217.80
		For Class 52 Rating, Deduct	*-176.40*	
		For Class 54 Rating, Add	*244.50*	
		For Class 55 Rating, Add	*365.53*	
		For Class 56 Rating, Add	*484.95*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,003.21	220.66
		For Class 52 Rating, Deduct	*-183.58*	
		For Class 54 Rating, Add	*254.34*	
		For Class 55 Rating, Add	*380.18*	
		For Class 56 Rating, Add	*504.36*	
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,072.78	223.51
		For Class 52 Rating, Deduct	*-190.75*	
		For Class 54 Rating, Add	*264.18*	
		For Class 55 Rating, Add	*394.84*	
		For Class 56 Rating, Add	*523.76*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,142.36	226.38
		For Class 52 Rating, Deduct	*-197.93*	
		For Class 54 Rating, Add	*274.02*	
		For Class 55 Rating, Add	*409.49*	
		For Class 56 Rating, Add	*543.16*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,211.95	229.24
		For Class 52 Rating, Deduct	*-205.11*	
		For Class 54 Rating, Add	*283.86*	
		For Class 55 Rating, Add	*424.15*	
		For Class 56 Rating, Add	*562.57*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,281.53	232.08
		For Class 52 Rating, Deduct	*-212.29*	
		For Class 54 Rating, Add	*293.70*	
		For Class 55 Rating, Add	*438.80*	
		For Class 56 Rating, Add	*581.97*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,351.10	234.94
		For Class 52 Rating, Deduct	*-219.46*	
		For Class 54 Rating, Add	*303.54*	
		For Class 55 Rating, Add	*453.46*	
		For Class 56 Rating, Add	*601.38*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,420.69	237.81
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*313.38*	
		For Class 55 Rating, Add	*468.11*	
		For Class 56 Rating, Add	*620.78*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,490.27	240.67
		For Class 52 Rating, Deduct	*-233.82*	
		For Class 54 Rating, Add	*323.22*	
		For Class 55 Rating, Add	*482.77*	
		For Class 56 Rating, Add	*640.19*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.85	243.52
		For Class 52 Rating, Deduct	*-241.00*	
		For Class 54 Rating, Add	*333.06*	
		For Class 55 Rating, Add	*497.42*	
		For Class 56 Rating, Add	*659.59*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,629.43	246.38
		For Class 52 Rating, Deduct	*-248.17*	
		For Class 54 Rating, Add	*342.90*	
		For Class 55 Rating, Add	*512.08*	
		For Class 56 Rating, Add	*679.00*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,699.01	249.24
		For Class 52 Rating, Deduct	*-255.35*	
		For Class 54 Rating, Add	*352.74*	
		For Class 55 Rating, Add	*526.73*	
		For Class 56 Rating, Add	*698.40*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,768.59	252.11
		For Class 52 Rating, Deduct	*-262.53*	
		For Class 54 Rating, Add	*362.58*	
		For Class 55 Rating, Add	*541.39*	
		For Class 56 Rating, Add	*717.81*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,838.17	254.95
		For Class 52 Rating, Deduct	*-269.71*	
		For Class 54 Rating, Add	*372.42*	
		For Class 55 Rating, Add	*556.04*	
		For Class 56 Rating, Add	*737.21*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,907.76	257.81
		For Class 52 Rating, Deduct	*-276.88*	
		For Class 54 Rating, Add	*382.26*	
		For Class 55 Rating, Add	*570.70*	
		For Class 56 Rating, Add	*756.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,977.33	260.67
		For Class 52 Rating, Deduct	*-284.06*	
		For Class 54 Rating, Add	*392.10*	
		For Class 55 Rating, Add	*585.35*	
		For Class 56 Rating, Add	*776.02*	
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,046.91	263.52
		For Class 52 Rating, Deduct	*-291.24*	
		For Class 54 Rating, Add	*401.94*	
		For Class 55 Rating, Add	*600.00*	
		For Class 56 Rating, Add	*795.42*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,116.50	266.39
		For Class 52 Rating, Deduct	*-298.42*	
		For Class 54 Rating, Add	*411.78*	
		For Class 55 Rating, Add	*614.66*	
		For Class 56 Rating, Add	*814.83*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,186.08	269.25
		For Class 52 Rating, Deduct	*-305.59*	
		For Class 54 Rating, Add	*421.61*	
		For Class 55 Rating, Add	*629.31*	
		For Class 56 Rating, Add	*834.23*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,255.65	272.11
		For Class 52 Rating, Deduct	*-312.77*	
		For Class 54 Rating, Add	*431.45*	
		For Class 55 Rating, Add	*643.97*	
		For Class 56 Rating, Add	*853.64*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	766.05	205.80
		For Class 52 Rating, Deduct	*-49.97*	
		For Class 54 Rating, Add	*71.88*	
		For Class 55 Rating, Add	*108.78*	
		For Class 56 Rating, Add	*145.23*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	850.68	208.66
		For Class 52 Rating, Deduct	*-58.80*	
		For Class 54 Rating, Add	*83.97*	
		For Class 55 Rating, Add	*126.79*	
		For Class 56 Rating, Add	*169.07*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	935.32	211.50
		For Class 52 Rating, Deduct	*-67.63*	
		For Class 54 Rating, Add	*96.07*	
		For Class 55 Rating, Add	*144.80*	
		For Class 56 Rating, Add	*192.92*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,019.96	214.37
		For Class 52 Rating, Deduct	*-76.47*	
		For Class 54 Rating, Add	*108.17*	
		For Class 55 Rating, Add	*162.82*	
		For Class 56 Rating, Add	*216.77*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,104.60	217.23
		For Class 52 Rating, Deduct	*-85.30*	
		For Class 54 Rating, Add	*120.27*	
		For Class 55 Rating, Add	*180.83*	
		For Class 56 Rating, Add	*240.61*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,189.23	220.08
		For Class 52 Rating, Deduct	*-94.13*	
		For Class 54 Rating, Add	*132.37*	
		For Class 55 Rating, Add	*198.84*	
		For Class 56 Rating, Add	*264.46*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,273.88	222.94
		For Class 52 Rating, Deduct	*-102.97*	
		For Class 54 Rating, Add	*144.47*	
		For Class 55 Rating, Add	*216.85*	
		For Class 56 Rating, Add	*288.30*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,358.51	225.80
		For Class 52 Rating, Deduct	*-111.80*	
		For Class 54 Rating, Add	*156.56*	
		For Class 55 Rating, Add	*234.87*	
		For Class 56 Rating, Add	*312.15*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,443.15	228.67
		For Class 52 Rating, Deduct	*-120.64*	
		For Class 54 Rating, Add	*168.66*	
		For Class 55 Rating, Add	*252.88*	
		For Class 56 Rating, Add	*336.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,527.79	231.52
		For Class 52 Rating, Deduct	*-129.47*	
		For Class 54 Rating, Add	*180.76*	
		For Class 55 Rating, Add	*270.89*	
		For Class 56 Rating, Add	*359.84*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,612.43	234.38
		For Class 52 Rating, Deduct	*-138.30*	
		For Class 54 Rating, Add	*192.86*	
		For Class 55 Rating, Add	*288.90*	
		For Class 56 Rating, Add	*383.69*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,697.06	237.23
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*204.96*	
		For Class 55 Rating, Add	*306.92*	
		For Class 56 Rating, Add	*407.54*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,781.70	240.08
		For Class 52 Rating, Deduct	*-155.97*	
		For Class 54 Rating, Add	*217.05*	
		For Class 55 Rating, Add	*324.93*	
		For Class 56 Rating, Add	*431.38*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,866.34	242.95
		For Class 52 Rating, Deduct	*-164.81*	
		For Class 54 Rating, Add	*229.15*	
		For Class 55 Rating, Add	*342.94*	
		For Class 56 Rating, Add	*455.23*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,950.98	245.81
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*241.25*	
		For Class 55 Rating, Add	*360.95*	
		For Class 56 Rating, Add	*479.08*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,035.62	248.67
		For Class 52 Rating, Deduct	*-182.47*	
		For Class 54 Rating, Add	*253.35*	
		For Class 55 Rating, Add	*378.97*	
		For Class 56 Rating, Add	*502.92*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,120.25	251.52
		For Class 52 Rating, Deduct	*-191.31*	
		For Class 54 Rating, Add	*265.45*	
		For Class 55 Rating, Add	*396.98*	
		For Class 56 Rating, Add	*526.77*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,204.89	254.39
		For Class 52 Rating, Deduct	*-200.14*	
		For Class 54 Rating, Add	*277.54*	
		For Class 55 Rating, Add	*414.99*	
		For Class 56 Rating, Add	*550.62*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,289.53	257.25
		For Class 52 Rating, Deduct	*-208.97*	
		For Class 54 Rating, Add	*289.64*	
		For Class 55 Rating, Add	*433.00*	
		For Class 56 Rating, Add	*574.46*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,374.17	260.11
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*301.74*	
		For Class 55 Rating, Add	*451.01*	
		For Class 56 Rating, Add	*598.31*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,458.80	262.95
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*313.84*	
		For Class 55 Rating, Add	*469.03*	
		For Class 56 Rating, Add	*622.16*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,543.44	265.82
		For Class 52 Rating, Deduct	*-235.48*	
		For Class 54 Rating, Add	*325.94*	
		For Class 55 Rating, Add	*487.04*	
		For Class 56 Rating, Add	*646.00*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,628.09	268.68
		For Class 52 Rating, Deduct	*-244.31*	
		For Class 54 Rating, Add	*338.04*	
		For Class 55 Rating, Add	*505.05*	
		For Class 56 Rating, Add	*669.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,712.72	271.53
		For Class 52 Rating, Deduct	*-253.14*	
		For Class 54 Rating, Add	*350.13*	
		For Class 55 Rating, Add	*523.06*	
		For Class 56 Rating, Add	*693.69*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,797.35	274.39
		For Class 52 Rating, Deduct	*-261.98*	
		For Class 54 Rating, Add	*362.23*	
		For Class 55 Rating, Add	*541.08*	
		For Class 56 Rating, Add	*717.54*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,881.99	277.25
		For Class 52 Rating, Deduct	*-270.81*	
		For Class 54 Rating, Add	*374.33*	
		For Class 55 Rating, Add	*559.09*	
		For Class 56 Rating, Add	*741.39*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,966.63	280.12
		For Class 52 Rating, Deduct	*-279.64*	
		For Class 54 Rating, Add	*386.43*	
		For Class 55 Rating, Add	*577.10*	
		For Class 56 Rating, Add	*765.23*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,051.27	282.97
		For Class 52 Rating, Deduct	*-288.48*	
		For Class 54 Rating, Add	*398.52*	
		For Class 55 Rating, Add	*595.11*	
		For Class 56 Rating, Add	*789.08*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,135.90	285.82
		For Class 52 Rating, Deduct	*-297.31*	
		For Class 54 Rating, Add	*410.62*	
		For Class 55 Rating, Add	*613.13*	
		For Class 56 Rating, Add	*812.93*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,220.55	288.68
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*422.72*	
		For Class 55 Rating, Add	*631.14*	
		For Class 56 Rating, Add	*836.78*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,305.18	291.53
		For Class 52 Rating, Deduct	*-314.98*	
		For Class 54 Rating, Add	*434.82*	
		For Class 55 Rating, Add	*649.15*	
		For Class 56 Rating, Add	*860.62*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,389.82	294.40
		For Class 52 Rating, Deduct	*-323.81*	
		For Class 54 Rating, Add	*446.92*	
		For Class 55 Rating, Add	*667.16*	
		For Class 56 Rating, Add	*884.47*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,474.47	297.26
		For Class 52 Rating, Deduct	*-332.65*	
		For Class 54 Rating, Add	*459.02*	
		For Class 55 Rating, Add	*685.18*	
		For Class 56 Rating, Add	*908.32*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,559.10	300.12
		For Class 52 Rating, Deduct	*-341.48*	
		For Class 54 Rating, Add	*471.11*	
		For Class 55 Rating, Add	*703.19*	
		For Class 56 Rating, Add	*932.16*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,643.73	302.97
		For Class 52 Rating, Deduct	*-350.31*	
		For Class 54 Rating, Add	*483.21*	
		For Class 55 Rating, Add	*721.20*	
		For Class 56 Rating, Add	*956.01*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,728.37	305.84
		For Class 52 Rating, Deduct	*-359.15*	
		For Class 54 Rating, Add	*495.31*	
		For Class 55 Rating, Add	*739.21*	
		For Class 56 Rating, Add	*979.85*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,813.02	308.70
		For Class 52 Rating, Deduct	*-367.98*	
		For Class 54 Rating, Add	*507.41*	
		For Class 55 Rating, Add	*757.23*	
		For Class 56 Rating, Add	*1,003.70*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,897.64	311.54
		For Class 52 Rating, Deduct	*-376.82*	
		For Class 54 Rating, Add	*519.50*	
		For Class 55 Rating, Add	*775.24*	
		For Class 56 Rating, Add	*1,027.55*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,982.28	314.40
		For Class 52 Rating, Deduct	*-385.65*	
		For Class 54 Rating, Add	*531.60*	
		For Class 55 Rating, Add	*793.25*	
		For Class 56 Rating, Add	*1,051.39*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,058.44	262.95
		For Class 52 Rating, Deduct	*-72.60*	
		For Class 54 Rating, Add	*103.78*	
		For Class 55 Rating, Add	*156.75*	
		For Class 56 Rating, Add	*209.05*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.20	265.82
		For Class 52 Rating, Deduct	*-84.75*	
		For Class 54 Rating, Add	*120.40*	
		For Class 55 Rating, Add	*181.48*	
		For Class 56 Rating, Add	*241.78*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,287.96	268.68
		For Class 52 Rating, Deduct	*-96.90*	
		For Class 54 Rating, Add	*137.02*	
		For Class 55 Rating, Add	*206.20*	
		For Class 56 Rating, Add	*274.51*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,402.71	271.53
		For Class 52 Rating, Deduct	*-109.04*	
		For Class 54 Rating, Add	*153.63*	
		For Class 55 Rating, Add	*230.93*	
		For Class 56 Rating, Add	*307.24*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,517.45	274.39
		For Class 52 Rating, Deduct	*-121.19*	
		For Class 54 Rating, Add	*170.25*	
		For Class 55 Rating, Add	*255.66*	
		For Class 56 Rating, Add	*339.97*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,632.21	277.25
		For Class 52 Rating, Deduct	*-133.34*	
		For Class 54 Rating, Add	*186.86*	
		For Class 55 Rating, Add	*280.39*	
		For Class 56 Rating, Add	*372.70*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,746.97	280.12
		For Class 52 Rating, Deduct	*-145.48*	
		For Class 54 Rating, Add	*203.48*	
		For Class 55 Rating, Add	*305.12*	
		For Class 56 Rating, Add	*405.43*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,861.72	282.97
		For Class 52 Rating, Deduct	*-157.63*	
		For Class 54 Rating, Add	*220.09*	
		For Class 55 Rating, Add	*329.84*	
		For Class 56 Rating, Add	*438.16*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,976.46	285.82
		For Class 52 Rating, Deduct	*-169.77*	
		For Class 54 Rating, Add	*236.71*	
		For Class 55 Rating, Add	*354.57*	
		For Class 56 Rating, Add	*470.89*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,091.23	288.68
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.32*	
		For Class 55 Rating, Add	*379.30*	
		For Class 56 Rating, Add	*503.63*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.98	291.53
		For Class 52 Rating, Deduct	*-194.07*	
		For Class 54 Rating, Add	*269.94*	
		For Class 55 Rating, Add	*404.03*	
		For Class 56 Rating, Add	*536.36*	
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,320.73	294.40
		For Class 52 Rating, Deduct	*-206.21*	
		For Class 54 Rating, Add	*286.55*	
		For Class 55 Rating, Add	*428.76*	
		For Class 56 Rating, Add	*569.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,435.49	297.26
		For Class 52 Rating, Deduct	*-218.36*	
		For Class 54 Rating, Add	*303.17*	
		For Class 55 Rating, Add	*453.48*	
		For Class 56 Rating, Add	*601.82*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,550.24	300.12
		For Class 52 Rating, Deduct	*-230.51*	
		For Class 54 Rating, Add	*319.78*	
		For Class 55 Rating, Add	*478.21*	
		For Class 56 Rating, Add	*634.55*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,664.99	302.97
		For Class 52 Rating, Deduct	*-242.65*	
		For Class 54 Rating, Add	*336.40*	
		For Class 55 Rating, Add	*502.94*	
		For Class 56 Rating, Add	*667.28*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,779.74	305.84
		For Class 52 Rating, Deduct	*-254.80*	
		For Class 54 Rating, Add	*353.01*	
		For Class 55 Rating, Add	*527.67*	
		For Class 56 Rating, Add	*700.01*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,894.50	308.70
		For Class 52 Rating, Deduct	*-266.95*	
		For Class 54 Rating, Add	*369.63*	
		For Class 55 Rating, Add	*552.40*	
		For Class 56 Rating, Add	*732.74*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,009.25	311.54
		For Class 52 Rating, Deduct	*-279.09*	
		For Class 54 Rating, Add	*386.25*	
		For Class 55 Rating, Add	*577.13*	
		For Class 56 Rating, Add	*765.47*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,124.00	314.40
		For Class 52 Rating, Deduct	*-291.24*	
		For Class 54 Rating, Add	*402.86*	
		For Class 55 Rating, Add	*601.85*	
		For Class 56 Rating, Add	*798.20*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,238.76	317.26
		For Class 52 Rating, Deduct	*-303.39*	
		For Class 54 Rating, Add	*419.48*	
		For Class 55 Rating, Add	*626.58*	
		For Class 56 Rating, Add	*830.93*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,353.51	320.13
		For Class 52 Rating, Deduct	*-315.53*	
		For Class 54 Rating, Add	*436.09*	
		For Class 55 Rating, Add	*651.31*	
		For Class 56 Rating, Add	*863.66*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,468.26	322.98
		For Class 52 Rating, Deduct	*-327.68*	
		For Class 54 Rating, Add	*452.71*	
		For Class 55 Rating, Add	*676.04*	
		For Class 56 Rating, Add	*896.39*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,583.02	325.84
		For Class 52 Rating, Deduct	*-339.83*	
		For Class 54 Rating, Add	*469.32*	
		For Class 55 Rating, Add	*700.77*	
		For Class 56 Rating, Add	*929.12*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,697.77	328.70
		For Class 52 Rating, Deduct	*-351.97*	
		For Class 54 Rating, Add	*485.94*	
		For Class 55 Rating, Add	*725.49*	
		For Class 56 Rating, Add	*961.85*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,812.52	331.57
		For Class 52 Rating, Deduct	*-364.12*	
		For Class 54 Rating, Add	*502.55*	
		For Class 55 Rating, Add	*750.22*	
		For Class 56 Rating, Add	*994.58*	
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,927.27	334.41
		For Class 52 Rating, Deduct	*-376.26*	
		For Class 54 Rating, Add	*519.17*	
		For Class 55 Rating, Add	*774.95*	
		For Class 56 Rating, Add	*1,027.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,042.03	337.27
		For Class 52 Rating, Deduct	*-388.41*	
		For Class 54 Rating, Add	*535.78*	
		For Class 55 Rating, Add	*799.68*	
		For Class 56 Rating, Add	*1,060.04*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,156.78	340.13
		For Class 52 Rating, Deduct	*-400.56*	
		For Class 54 Rating, Add	*552.40*	
		For Class 55 Rating, Add	*824.41*	
		For Class 56 Rating, Add	*1,092.77*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,271.53	342.98
		For Class 52 Rating, Deduct	*-412.70*	
		For Class 54 Rating, Add	*569.01*	
		For Class 55 Rating, Add	*849.13*	
		For Class 56 Rating, Add	*1,125.50*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,386.29	345.85
		For Class 52 Rating, Deduct	*-424.85*	
		For Class 54 Rating, Add	*585.63*	
		For Class 55 Rating, Add	*873.86*	
		For Class 56 Rating, Add	*1,158.23*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,501.04	348.71
		For Class 52 Rating, Deduct	*-437.00*	
		For Class 54 Rating, Add	*602.25*	
		For Class 55 Rating, Add	*898.59*	
		For Class 56 Rating, Add	*1,190.97*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,615.79	351.57
		For Class 52 Rating, Deduct	*-449.14*	
		For Class 54 Rating, Add	*618.86*	
		For Class 55 Rating, Add	*923.32*	
		For Class 56 Rating, Add	*1,223.70*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,730.55	354.42
		For Class 52 Rating, Deduct	*-461.29*	
		For Class 54 Rating, Add	*635.48*	
		For Class 55 Rating, Add	*948.05*	
		For Class 56 Rating, Add	*1,256.43*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,845.30	357.29
		For Class 52 Rating, Deduct	*-473.44*	
		For Class 54 Rating, Add	*652.09*	
		For Class 55 Rating, Add	*972.78*	
		For Class 56 Rating, Add	*1,289.16*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,960.05	360.15
		For Class 52 Rating, Deduct	*-485.58*	
		For Class 54 Rating, Add	*668.71*	
		For Class 55 Rating, Add	*997.50*	
		For Class 56 Rating, Add	*1,321.89*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,074.81	362.99
		For Class 52 Rating, Deduct	*-497.73*	
		For Class 54 Rating, Add	*685.32*	
		For Class 55 Rating, Add	*1,022.23*	
		For Class 56 Rating, Add	*1,354.62*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,189.56	365.85
		For Class 52 Rating, Deduct	*-509.88*	
		For Class 54 Rating, Add	*701.94*	
		For Class 55 Rating, Add	*1,046.96*	
		For Class 56 Rating, Add	*1,387.35*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,304.31	368.71
		For Class 52 Rating, Deduct	*-522.02*	
		For Class 54 Rating, Add	*718.55*	
		For Class 55 Rating, Add	*1,071.69*	
		For Class 56 Rating, Add	*1,420.08*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,419.06	371.58
		For Class 52 Rating, Deduct	*-534.17*	
		For Class 54 Rating, Add	*735.17*	
		For Class 55 Rating, Add	*1,096.42*	
		For Class 56 Rating, Add	*1,452.81*	
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,335.79	320.13
		For Class 52 Rating, Deduct	*-93.58*	
		For Class 54 Rating, Add	*133.43*	
		For Class 55 Rating, Add	*201.36*	
		For Class 56 Rating, Add	*268.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.67	322.98
		For Class 52 Rating, Deduct	*-109.59*	
		For Class 54 Rating, Add	*155.32*	
		For Class 55 Rating, Add	*233.92*	
		For Class 56 Rating, Add	*311.53*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,635.57	325.84
		For Class 52 Rating, Deduct	*-125.61*	
		For Class 54 Rating, Add	*177.20*	
		For Class 55 Rating, Add	*266.49*	
		For Class 56 Rating, Add	*354.62*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,785.45	328.70
		For Class 52 Rating, Deduct	*-141.62*	
		For Class 54 Rating, Add	*199.09*	
		For Class 55 Rating, Add	*299.05*	
		For Class 56 Rating, Add	*397.72*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,935.34	331.57
		For Class 52 Rating, Deduct	*-157.63*	
		For Class 54 Rating, Add	*220.98*	
		For Class 55 Rating, Add	*331.61*	
		For Class 56 Rating, Add	*440.81*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,085.23	334.41
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*242.86*	
		For Class 55 Rating, Add	*364.17*	
		For Class 56 Rating, Add	*483.91*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,235.12	337.27
		For Class 52 Rating, Deduct	*-189.65*	
		For Class 54 Rating, Add	*264.75*	
		For Class 55 Rating, Add	*396.74*	
		For Class 56 Rating, Add	*527.01*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,385.00	340.13
		For Class 52 Rating, Deduct	*-205.66*	
		For Class 54 Rating, Add	*286.63*	
		For Class 55 Rating, Add	*429.30*	
		For Class 56 Rating, Add	*570.10*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,534.89	342.98
		For Class 52 Rating, Deduct	*-221.67*	
		For Class 54 Rating, Add	*308.52*	
		For Class 55 Rating, Add	*461.86*	
		For Class 56 Rating, Add	*613.20*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,684.79	345.85
		For Class 52 Rating, Deduct	*-237.68*	
		For Class 54 Rating, Add	*330.40*	
		For Class 55 Rating, Add	*494.43*	
		For Class 56 Rating, Add	*656.29*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,834.66	348.71
		For Class 52 Rating, Deduct	*-253.70*	
		For Class 54 Rating, Add	*352.29*	
		For Class 55 Rating, Add	*526.99*	
		For Class 56 Rating, Add	*699.38*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,984.55	351.57
		For Class 52 Rating, Deduct	*-269.71*	
		For Class 54 Rating, Add	*374.17*	
		For Class 55 Rating, Add	*559.55*	
		For Class 56 Rating, Add	*742.48*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,134.45	354.42
		For Class 52 Rating, Deduct	*-285.72*	
		For Class 54 Rating, Add	*396.06*	
		For Class 55 Rating, Add	*592.12*	
		For Class 56 Rating, Add	*785.58*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,284.33	357.29
		For Class 52 Rating, Deduct	*-301.73*	
		For Class 54 Rating, Add	*417.94*	
		For Class 55 Rating, Add	*624.68*	
		For Class 56 Rating, Add	*828.67*	
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,434.21	360.15
		For Class 52 Rating, Deduct	*-317.74*	
		For Class 54 Rating, Add	*439.83*	
		For Class 55 Rating, Add	*657.24*	
		For Class 56 Rating, Add	*871.77*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,584.11	362.99
		For Class 52 Rating, Deduct	*-333.75*	
		For Class 54 Rating, Add	*461.72*	
		For Class 55 Rating, Add	*689.81*	
		For Class 56 Rating, Add	*914.86*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,733.99	365.85
		For Class 52 Rating, Deduct	*-349.76*	
		For Class 54 Rating, Add	*483.60*	
		For Class 55 Rating, Add	*722.37*	
		For Class 56 Rating, Add	*957.96*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,883.88	368.71
		For Class 52 Rating, Deduct	*-365.77*	
		For Class 54 Rating, Add	*505.49*	
		For Class 55 Rating, Add	*754.93*	
		For Class 56 Rating, Add	*1,001.05*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,033.76	371.58
		For Class 52 Rating, Deduct	*-381.79*	
		For Class 54 Rating, Add	*527.37*	
		For Class 55 Rating, Add	*787.50*	
		For Class 56 Rating, Add	*1,044.15*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,183.65	374.43
		For Class 52 Rating, Deduct	*-397.80*	
		For Class 54 Rating, Add	*549.26*	
		For Class 55 Rating, Add	*820.06*	
		For Class 56 Rating, Add	*1,087.24*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,333.54	377.29
		For Class 52 Rating, Deduct	*-413.81*	
		For Class 54 Rating, Add	*571.14*	
		For Class 55 Rating, Add	*852.62*	
		For Class 56 Rating, Add	*1,130.34*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,483.43	380.15
		For Class 52 Rating, Deduct	*-429.82*	
		For Class 54 Rating, Add	*593.03*	
		For Class 55 Rating, Add	*885.18*	
		For Class 56 Rating, Add	*1,173.43*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,633.31	382.99
		For Class 52 Rating, Deduct	*-445.83*	
		For Class 54 Rating, Add	*614.91*	
		For Class 55 Rating, Add	*917.75*	
		For Class 56 Rating, Add	*1,216.53*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,783.20	385.86
		For Class 52 Rating, Deduct	*-461.84*	
		For Class 54 Rating, Add	*636.80*	
		For Class 55 Rating, Add	*950.31*	
		For Class 56 Rating, Add	*1,259.62*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,933.09	388.72
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*658.69*	
		For Class 55 Rating, Add	*982.87*	
		For Class 56 Rating, Add	*1,302.72*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,082.98	391.58
		For Class 52 Rating, Deduct	*-493.86*	
		For Class 54 Rating, Add	*680.57*	
		For Class 55 Rating, Add	*1,015.44*	
		For Class 56 Rating, Add	*1,345.81*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,232.87	394.43
		For Class 52 Rating, Deduct	*-509.88*	
		For Class 54 Rating, Add	*702.46*	
		For Class 55 Rating, Add	*1,048.00*	
		For Class 56 Rating, Add	*1,388.91*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,382.75	397.30
		For Class 52 Rating, Deduct	*-525.89*	
		For Class 54 Rating, Add	*724.34*	
		For Class 55 Rating, Add	*1,080.56*	
		For Class 56 Rating, Add	*1,432.00*	
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,532.64	400.16
		For Class 52 Rating, Deduct	*-541.90*	
		For Class 54 Rating, Add	*746.23*	
		For Class 55 Rating, Add	*1,113.13*	
		For Class 56 Rating, Add	*1,475.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,682.53	403.02
		For Class 52 Rating, Deduct	*-557.91*	
		For Class 54 Rating, Add	*768.11*	
		For Class 55 Rating, Add	*1,145.69*	
		For Class 56 Rating, Add	*1,518.19*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,832.42	405.87
		For Class 52 Rating, Deduct	*-573.92*	
		For Class 54 Rating, Add	*790.00*	
		For Class 55 Rating, Add	*1,178.25*	
		For Class 56 Rating, Add	*1,561.29*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,982.30	408.74
		For Class 52 Rating, Deduct	*-589.93*	
		For Class 54 Rating, Add	*811.88*	
		For Class 55 Rating, Add	*1,210.82*	
		For Class 56 Rating, Add	*1,604.38*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,132.19	411.59
		For Class 52 Rating, Deduct	*-605.94*	
		For Class 54 Rating, Add	*833.77*	
		For Class 55 Rating, Add	*1,243.38*	
		For Class 56 Rating, Add	*1,647.48*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,282.08	414.44
		For Class 52 Rating, Deduct	*-621.95*	
		For Class 54 Rating, Add	*855.65*	
		For Class 55 Rating, Add	*1,275.94*	
		For Class 56 Rating, Add	*1,690.57*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,431.97	417.30
		For Class 52 Rating, Deduct	*-637.97*	
		For Class 54 Rating, Add	*877.54*	
		For Class 55 Rating, Add	*1,308.51*	
		For Class 56 Rating, Add	*1,733.67*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,581.85	420.16
		For Class 52 Rating, Deduct	*-653.98*	
		For Class 54 Rating, Add	*899.43*	
		For Class 55 Rating, Add	*1,341.07*	
		For Class 56 Rating, Add	*1,776.76*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,731.74	423.03
		For Class 52 Rating, Deduct	*-669.99*	
		For Class 54 Rating, Add	*921.31*	
		For Class 55 Rating, Add	*1,373.63*	
		For Class 56 Rating, Add	*1,819.86*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,881.63	425.88
		For Class 52 Rating, Deduct	*-686.00*	
		For Class 54 Rating, Add	*943.20*	
		For Class 55 Rating, Add	*1,406.19*	
		For Class 56 Rating, Add	*1,862.96*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,031.52	428.74
		For Class 52 Rating, Deduct	*-702.01*	
		For Class 54 Rating, Add	*965.08*	
		For Class 55 Rating, Add	*1,438.76*	
		For Class 56 Rating, Add	*1,906.05*	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,740.64	400.16
		For Class 52 Rating, Deduct	*-124.78*	
		For Class 54 Rating, Add	*177.43*	
		For Class 55 Rating, Add	*267.51*	
		For Class 56 Rating, Add	*356.46*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,928.17	403.02
		For Class 52 Rating, Deduct	*-144.93*	
		For Class 54 Rating, Add	*204.96*	
		For Class 55 Rating, Add	*308.47*	
		For Class 56 Rating, Add	*410.66*	
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,115.70	405.87
		For Class 52 Rating, Deduct	*-165.08*	
		For Class 54 Rating, Add	*232.49*	
		For Class 55 Rating, Add	*349.42*	
		For Class 56 Rating, Add	*464.86*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,303.22	408.74
		For Class 52 Rating, Deduct	*-185.23*	
		For Class 54 Rating, Add	*260.02*	
		For Class 55 Rating, Add	*390.38*	
		For Class 56 Rating, Add	*519.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,490.76	411.59
		For Class 52 Rating, Deduct	*-205.39*	
		For Class 54 Rating, Add	*287.55*	
		For Class 55 Rating, Add	*431.34*	
		For Class 56 Rating, Add	*573.26*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,678.29	414.44
		For Class 52 Rating, Deduct	*-225.54*	
		For Class 54 Rating, Add	*315.09*	
		For Class 55 Rating, Add	*472.30*	
		For Class 56 Rating, Add	*627.46*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,865.82	417.30
		For Class 52 Rating, Deduct	*-245.69*	
		For Class 54 Rating, Add	*342.62*	
		For Class 55 Rating, Add	*513.25*	
		For Class 56 Rating, Add	*681.66*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,053.35	420.16
		For Class 52 Rating, Deduct	*-265.84*	
		For Class 54 Rating, Add	*370.15*	
		For Class 55 Rating, Add	*554.21*	
		For Class 56 Rating, Add	*735.86*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,240.89	423.03
		For Class 52 Rating, Deduct	*-285.99*	
		For Class 54 Rating, Add	*397.68*	
		For Class 55 Rating, Add	*595.17*	
		For Class 56 Rating, Add	*790.06*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,428.42	425.88
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*425.22*	
		For Class 55 Rating, Add	*636.13*	
		For Class 56 Rating, Add	*844.26*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,615.96	428.74
		For Class 52 Rating, Deduct	*-326.30*	
		For Class 54 Rating, Add	*452.75*	
		For Class 55 Rating, Add	*677.09*	
		For Class 56 Rating, Add	*898.46*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,803.48	431.60
		For Class 52 Rating, Deduct	*-346.45*	
		For Class 54 Rating, Add	*480.28*	
		For Class 55 Rating, Add	*718.04*	
		For Class 56 Rating, Add	*952.66*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,991.01	434.44
		For Class 52 Rating, Deduct	*-366.60*	
		For Class 54 Rating, Add	*507.81*	
		For Class 55 Rating, Add	*759.00*	
		For Class 56 Rating, Add	*1,006.86*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,178.54	437.31
		For Class 52 Rating, Deduct	*-386.75*	
		For Class 54 Rating, Add	*535.34*	
		For Class 55 Rating, Add	*799.96*	
		For Class 56 Rating, Add	*1,061.06*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,366.08	440.17
		For Class 52 Rating, Deduct	*-406.91*	
		For Class 54 Rating, Add	*562.88*	
		For Class 55 Rating, Add	*840.92*	
		For Class 56 Rating, Add	*1,115.26*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,553.61	443.03
		For Class 52 Rating, Deduct	*-427.06*	
		For Class 54 Rating, Add	*590.41*	
		For Class 55 Rating, Add	*881.87*	
		For Class 56 Rating, Add	*1,169.46*	
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,741.13	445.88
		For Class 52 Rating, Deduct	*-447.21*	
		For Class 54 Rating, Add	*617.94*	
		For Class 55 Rating, Add	*922.83*	
		For Class 56 Rating, Add	*1,223.66*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,928.67	448.75
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*645.47*	
		For Class 55 Rating, Add	*963.79*	
		For Class 56 Rating, Add	*1,277.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,116.20	451.61
		For Class 52 Rating, Deduct	*-487.51*	
		For Class 54 Rating, Add	*673.00*	
		For Class 55 Rating, Add	*1,004.75*	
		For Class 56 Rating, Add	*1,332.06*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,303.73	454.46
		For Class 52 Rating, Deduct	*-507.67*	
		For Class 54 Rating, Add	*700.54*	
		For Class 55 Rating, Add	*1,045.70*	
		For Class 56 Rating, Add	*1,386.26*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,491.27	457.32
		For Class 52 Rating, Deduct	*-527.82*	
		For Class 54 Rating, Add	*728.07*	
		For Class 55 Rating, Add	*1,086.66*	
		For Class 56 Rating, Add	*1,440.46*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,678.80	460.17
		For Class 52 Rating, Deduct	*-547.97*	
		For Class 54 Rating, Add	*755.60*	
		For Class 55 Rating, Add	*1,127.62*	
		For Class 56 Rating, Add	*1,494.66*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,866.33	463.04
		For Class 52 Rating, Deduct	*-568.12*	
		For Class 54 Rating, Add	*783.13*	
		For Class 55 Rating, Add	*1,168.58*	
		For Class 56 Rating, Add	*1,548.86*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,053.86	465.89
		For Class 52 Rating, Deduct	*-588.28*	
		For Class 54 Rating, Add	*810.66*	
		For Class 55 Rating, Add	*1,209.54*	
		For Class 56 Rating, Add	*1,603.06*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,241.39	468.75
		For Class 52 Rating, Deduct	*-608.43*	
		For Class 54 Rating, Add	*838.20*	
		For Class 55 Rating, Add	*1,250.49*	
		For Class 56 Rating, Add	*1,657.26*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,428.92	471.61
		For Class 52 Rating, Deduct	*-628.58*	
		For Class 54 Rating, Add	*865.73*	
		For Class 55 Rating, Add	*1,291.45*	
		For Class 56 Rating, Add	*1,711.46*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,616.45	474.48
		For Class 52 Rating, Deduct	*-648.73*	
		For Class 54 Rating, Add	*893.26*	
		For Class 55 Rating, Add	*1,332.41*	
		For Class 56 Rating, Add	*1,765.66*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,803.99	477.33
		For Class 52 Rating, Deduct	*-668.88*	
		For Class 54 Rating, Add	*920.79*	
		For Class 55 Rating, Add	*1,373.37*	
		For Class 56 Rating, Add	*1,819.86*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,991.51	480.19
		For Class 52 Rating, Deduct	*-689.04*	
		For Class 54 Rating, Add	*948.32*	
		For Class 55 Rating, Add	*1,414.32*	
		For Class 56 Rating, Add	*1,874.06*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,179.04	483.05
		For Class 52 Rating, Deduct	*-709.19*	
		For Class 54 Rating, Add	*975.86*	
		For Class 55 Rating, Add	*1,455.28*	
		For Class 56 Rating, Add	*1,928.26*	
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,366.58	485.89
		For Class 52 Rating, Deduct	*-729.34*	
		For Class 54 Rating, Add	*1,003.39*	
		For Class 55 Rating, Add	*1,496.24*	
		For Class 56 Rating, Add	*1,982.46*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,554.11	488.76
		For Class 52 Rating, Deduct	*-749.49*	
		For Class 54 Rating, Add	*1,030.92*	
		For Class 55 Rating, Add	*1,537.20*	
		For Class 56 Rating, Add	*2,036.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,741.64	491.62
		For Class 52 Rating, Deduct	*-769.64*	
		For Class 54 Rating, Add	*1,058.45*	
		For Class 55 Rating, Add	*1,578.15*	
		For Class 56 Rating, Add	*2,090.86*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,929.18	494.48
		For Class 52 Rating, Deduct	*-789.80*	
		For Class 54 Rating, Add	*1,085.99*	
		For Class 55 Rating, Add	*1,619.11*	
		For Class 56 Rating, Add	*2,145.06*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,116.71	497.33
		For Class 52 Rating, Deduct	*-809.95*	
		For Class 54 Rating, Add	*1,113.52*	
		For Class 55 Rating, Add	*1,660.07*	
		For Class 56 Rating, Add	*2,199.26*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,304.24	500.20
		For Class 52 Rating, Deduct	*-830.10*	
		For Class 54 Rating, Add	*1,141.05*	
		For Class 55 Rating, Add	*1,701.03*	
		For Class 56 Rating, Add	*2,253.46*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,491.77	503.06
		For Class 52 Rating, Deduct	*-850.25*	
		For Class 54 Rating, Add	*1,168.58*	
		For Class 55 Rating, Add	*1,741.99*	
		For Class 56 Rating, Add	*2,307.66*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,679.30	505.91
		For Class 52 Rating, Deduct	*-870.40*	
		For Class 54 Rating, Add	*1,196.11*	
		For Class 55 Rating, Add	*1,782.94*	
		For Class 56 Rating, Add	*2,361.86*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,866.83	508.76
		For Class 52 Rating, Deduct	*-890.56*	
		For Class 54 Rating, Add	*1,223.65*	
		For Class 55 Rating, Add	*1,823.90*	
		For Class 56 Rating, Add	*2,416.06*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.24	480.19
		For Class 52 Rating, Deduct	*-178.06*	
		For Class 54 Rating, Add	*251.53*	
		For Class 55 Rating, Add	*378.43*	
		For Class 56 Rating, Add	*503.71*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,573.93	483.05
		For Class 52 Rating, Deduct	*-202.63*	
		For Class 54 Rating, Add	*285.09*	
		For Class 55 Rating, Add	*428.34*	
		For Class 56 Rating, Add	*569.75*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,801.62	485.89
		For Class 52 Rating, Deduct	*-227.19*	
		For Class 54 Rating, Add	*318.64*	
		For Class 55 Rating, Add	*478.25*	
		For Class 56 Rating, Add	*635.80*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,029.31	488.76
		For Class 52 Rating, Deduct	*-251.76*	
		For Class 54 Rating, Add	*352.20*	
		For Class 55 Rating, Add	*528.17*	
		For Class 56 Rating, Add	*701.84*	
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,256.99	491.62
		For Class 52 Rating, Deduct	*-276.33*	
		For Class 54 Rating, Add	*385.76*	
		For Class 55 Rating, Add	*578.08*	
		For Class 56 Rating, Add	*767.89*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,484.67	494.48
		For Class 52 Rating, Deduct	*-300.90*	
		For Class 54 Rating, Add	*419.31*	
		For Class 55 Rating, Add	*627.99*	
		For Class 56 Rating, Add	*833.93*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,712.36	497.33
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*452.87*	
		For Class 55 Rating, Add	*677.90*	
		For Class 56 Rating, Add	*899.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,940.04	500.20
		For Class 52 Rating, Deduct	*-350.04*	
		For Class 54 Rating, Add	*486.42*	
		For Class 55 Rating, Add	*727.81*	
		For Class 56 Rating, Add	*966.02*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,167.73	503.06
		For Class 52 Rating, Deduct	*-374.61*	
		For Class 54 Rating, Add	*519.98*	
		For Class 55 Rating, Add	*777.73*	
		For Class 56 Rating, Add	*1,032.07*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,395.41	505.91
		For Class 52 Rating, Deduct	*-399.18*	
		For Class 54 Rating, Add	*553.53*	
		For Class 55 Rating, Add	*827.64*	
		For Class 56 Rating, Add	*1,098.11*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,623.10	508.76
		For Class 52 Rating, Deduct	*-423.75*	
		For Class 54 Rating, Add	*587.09*	
		For Class 55 Rating, Add	*877.55*	
		For Class 56 Rating, Add	*1,164.16*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,850.78	511.62
		For Class 52 Rating, Deduct	*-448.31*	
		For Class 54 Rating, Add	*620.64*	
		For Class 55 Rating, Add	*927.46*	
		For Class 56 Rating, Add	*1,230.21*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,078.47	514.49
		For Class 52 Rating, Deduct	*-472.88*	
		For Class 54 Rating, Add	*654.20*	
		For Class 55 Rating, Add	*977.37*	
		For Class 56 Rating, Add	*1,296.25*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,306.15	517.34
		For Class 52 Rating, Deduct	*-497.45*	
		For Class 54 Rating, Add	*687.75*	
		For Class 55 Rating, Add	*1,027.29*	
		For Class 56 Rating, Add	*1,362.30*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,533.83	520.20
		For Class 52 Rating, Deduct	*-522.02*	
		For Class 54 Rating, Add	*721.31*	
		For Class 55 Rating, Add	*1,077.20*	
		For Class 56 Rating, Add	*1,428.34*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,761.53	523.06
		For Class 52 Rating, Deduct	*-546.59*	
		For Class 54 Rating, Add	*754.86*	
		For Class 55 Rating, Add	*1,127.11*	
		For Class 56 Rating, Add	*1,494.39*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,989.21	525.91
		For Class 52 Rating, Deduct	*-571.16*	
		For Class 54 Rating, Add	*788.42*	
		For Class 55 Rating, Add	*1,177.02*	
		For Class 56 Rating, Add	*1,560.43*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,216.89	528.78
		For Class 52 Rating, Deduct	*-595.73*	
		For Class 54 Rating, Add	*821.97*	
		For Class 55 Rating, Add	*1,226.93*	
		For Class 56 Rating, Add	*1,626.48*	
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,444.57	531.64
		For Class 52 Rating, Deduct	*-620.30*	
		For Class 54 Rating, Add	*855.53*	
		For Class 55 Rating, Add	*1,276.84*	
		For Class 56 Rating, Add	*1,692.52*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,672.27	534.50
		For Class 52 Rating, Deduct	*-644.87*	
		For Class 54 Rating, Add	*889.08*	
		For Class 55 Rating, Add	*1,326.76*	
		For Class 56 Rating, Add	*1,758.57*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,899.95	537.34
		For Class 52 Rating, Deduct	*-669.44*	
		For Class 54 Rating, Add	*922.64*	
		For Class 55 Rating, Add	*1,376.67*	
		For Class 56 Rating, Add	*1,824.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,127.63	540.21
		For Class 52 Rating, Deduct	*-694.00*	
		For Class 54 Rating, Add	*956.19*	
		For Class 55 Rating, Add	*1,426.58*	
		For Class 56 Rating, Add	*1,890.66*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,355.32	543.07
		For Class 52 Rating, Deduct	*-718.57*	
		For Class 54 Rating, Add	*989.75*	
		For Class 55 Rating, Add	*1,476.49*	
		For Class 56 Rating, Add	*1,956.71*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,583.00	545.93
		For Class 52 Rating, Deduct	*-743.14*	
		For Class 54 Rating, Add	*1,023.30*	
		For Class 55 Rating, Add	*1,526.40*	
		For Class 56 Rating, Add	*2,022.75*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,810.69	548.78
		For Class 52 Rating, Deduct	*-767.71*	
		For Class 54 Rating, Add	*1,056.86*	
		For Class 55 Rating, Add	*1,576.32*	
		For Class 56 Rating, Add	*2,088.80*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,038.38	551.65
		For Class 52 Rating, Deduct	*-792.28*	
		For Class 54 Rating, Add	*1,090.41*	
		For Class 55 Rating, Add	*1,626.23*	
		For Class 56 Rating, Add	*2,154.84*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,266.06	554.51
		For Class 52 Rating, Deduct	*-816.85*	
		For Class 54 Rating, Add	*1,123.97*	
		For Class 55 Rating, Add	*1,676.14*	
		For Class 56 Rating, Add	*2,220.89*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,493.74	557.35
		For Class 52 Rating, Deduct	*-841.42*	
		For Class 54 Rating, Add	*1,157.52*	
		For Class 55 Rating, Add	*1,726.05*	
		For Class 56 Rating, Add	*2,286.93*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,721.44	560.21
		For Class 52 Rating, Deduct	*-865.99*	
		For Class 54 Rating, Add	*1,191.08*	
		For Class 55 Rating, Add	*1,775.97*	
		For Class 56 Rating, Add	*2,352.98*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,949.12	563.07
		For Class 52 Rating, Deduct	*-890.56*	
		For Class 54 Rating, Add	*1,224.63*	
		For Class 55 Rating, Add	*1,825.88*	
		For Class 56 Rating, Add	*2,419.02*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,176.79	565.94
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,258.19*	
		For Class 55 Rating, Add	*1,875.79*	
		For Class 56 Rating, Add	*2,485.07*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,404.48	568.79
		For Class 52 Rating, Deduct	*-939.69*	
		For Class 54 Rating, Add	*1,291.74*	
		For Class 55 Rating, Add	*1,925.70*	
		For Class 56 Rating, Add	*2,551.12*	
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,632.17	571.65
		For Class 52 Rating, Deduct	*-964.26*	
		For Class 54 Rating, Add	*1,325.30*	
		For Class 55 Rating, Add	*1,975.61*	
		For Class 56 Rating, Add	*2,617.16*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,859.86	574.51
		For Class 52 Rating, Deduct	*-988.83*	
		For Class 54 Rating, Add	*1,358.85*	
		For Class 55 Rating, Add	*2,025.53*	
		For Class 56 Rating, Add	*2,683.21*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,087.53	577.36
		For Class 52 Rating, Deduct	*-1,013.40*	
		For Class 54 Rating, Add	*1,392.41*	
		For Class 55 Rating, Add	*2,075.44*	
		For Class 56 Rating, Add	*2,749.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,315.23	580.23
		For Class 52 Rating, Deduct	*-1,037.97*	
		For Class 54 Rating, Add	*1,425.96*	
		For Class 55 Rating, Add	*2,125.35*	
		For Class 56 Rating, Add	*2,815.30*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,542.91	583.09
		For Class 52 Rating, Deduct	*-1,062.54*	
		For Class 54 Rating, Add	*1,459.52*	
		For Class 55 Rating, Add	*2,175.26*	
		For Class 56 Rating, Add	*2,881.34*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,770.59	585.94
		For Class 52 Rating, Deduct	*-1,087.11*	
		For Class 54 Rating, Add	*1,493.07*	
		For Class 55 Rating, Add	*2,225.17*	
		For Class 56 Rating, Add	*2,947.39*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,746.31	548.78
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*297.20*	
		For Class 55 Rating, Add	*446.96*	
		For Class 56 Rating, Add	*594.81*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,011.65	551.65
		For Class 52 Rating, Deduct	*-239.34*	
		For Class 54 Rating, Add	*336.40*	
		For Class 55 Rating, Add	*505.27*	
		For Class 56 Rating, Add	*671.96*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,276.97	554.51
		For Class 52 Rating, Deduct	*-268.05*	
		For Class 54 Rating, Add	*375.60*	
		For Class 55 Rating, Add	*563.57*	
		For Class 56 Rating, Add	*749.11*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,542.30	557.35
		For Class 52 Rating, Deduct	*-296.76*	
		For Class 54 Rating, Add	*414.81*	
		For Class 55 Rating, Add	*621.88*	
		For Class 56 Rating, Add	*826.26*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,807.64	560.21
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*454.01*	
		For Class 55 Rating, Add	*680.19*	
		For Class 56 Rating, Add	*903.41*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,072.97	563.07
		For Class 52 Rating, Deduct	*-354.18*	
		For Class 54 Rating, Add	*493.21*	
		For Class 55 Rating, Add	*738.50*	
		For Class 56 Rating, Add	*980.56*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,338.29	565.94
		For Class 52 Rating, Deduct	*-382.89*	
		For Class 54 Rating, Add	*532.41*	
		For Class 55 Rating, Add	*796.80*	
		For Class 56 Rating, Add	*1,057.71*	
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,603.61	568.79
		For Class 52 Rating, Deduct	*-411.60*	
		For Class 54 Rating, Add	*571.61*	
		For Class 55 Rating, Add	*855.11*	
		For Class 56 Rating, Add	*1,134.86*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,868.95	571.65
		For Class 52 Rating, Deduct	*-440.31*	
		For Class 54 Rating, Add	*610.82*	
		For Class 55 Rating, Add	*913.41*	
		For Class 56 Rating, Add	*1,212.01*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,134.28	574.51
		For Class 52 Rating, Deduct	*-469.02*	
		For Class 54 Rating, Add	*650.02*	
		For Class 55 Rating, Add	*971.72*	
		For Class 56 Rating, Add	*1,289.16*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,399.60	577.36
		For Class 52 Rating, Deduct	*-497.73*	
		For Class 54 Rating, Add	*689.22*	
		For Class 55 Rating, Add	*1,030.03*	
		For Class 56 Rating, Add	*1,366.31*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,664.94	580.23
		For Class 52 Rating, Deduct	*-526.44*	
		For Class 54 Rating, Add	*728.42*	
		For Class 55 Rating, Add	*1,088.33*	
		For Class 56 Rating, Add	*1,443.46*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,930.27	583.09
		For Class 52 Rating, Deduct	*-555.15*	
		For Class 54 Rating, Add	*767.62*	
		For Class 55 Rating, Add	*1,146.64*	
		For Class 56 Rating, Add	*1,520.61*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,195.59	585.94
		For Class 52 Rating, Deduct	*-583.86*	
		For Class 54 Rating, Add	*806.82*	
		For Class 55 Rating, Add	*1,204.95*	
		For Class 56 Rating, Add	*1,597.76*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,460.93	588.79
		For Class 52 Rating, Deduct	*-612.57*	
		For Class 54 Rating, Add	*846.03*	
		For Class 55 Rating, Add	*1,263.25*	
		For Class 56 Rating, Add	*1,674.91*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,726.25	591.66
		For Class 52 Rating, Deduct	*-641.28*	
		For Class 54 Rating, Add	*885.23*	
		For Class 55 Rating, Add	*1,321.56*	
		For Class 56 Rating, Add	*1,752.06*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,991.58	594.52
		For Class 52 Rating, Deduct	*-669.99*	
		For Class 54 Rating, Add	*924.43*	
		For Class 55 Rating, Add	*1,379.87*	
		For Class 56 Rating, Add	*1,829.21*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,256.91	597.37
		For Class 52 Rating, Deduct	*-698.70*	
		For Class 54 Rating, Add	*963.63*	
		For Class 55 Rating, Add	*1,438.17*	
		For Class 56 Rating, Add	*1,906.36*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,522.25	600.23
		For Class 52 Rating, Deduct	*-727.41*	
		For Class 54 Rating, Add	*1,002.83*	
		For Class 55 Rating, Add	*1,496.48*	
		For Class 56 Rating, Add	*1,983.52*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,787.56	603.10
		For Class 52 Rating, Deduct	*-756.12*	
		For Class 54 Rating, Add	*1,042.03*	
		For Class 55 Rating, Add	*1,554.79*	
		For Class 56 Rating, Add	*2,060.66*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,052.89	605.96
		For Class 52 Rating, Deduct	*-784.83*	
		For Class 54 Rating, Add	*1,081.24*	
		For Class 55 Rating, Add	*1,613.09*	
		For Class 56 Rating, Add	*2,137.81*	
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,318.23	608.80
		For Class 52 Rating, Deduct	*-813.54*	
		For Class 54 Rating, Add	*1,120.44*	
		For Class 55 Rating, Add	*1,671.40*	
		For Class 56 Rating, Add	*2,214.97*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,583.56	611.66
		For Class 52 Rating, Deduct	*-842.25*	
		For Class 54 Rating, Add	*1,159.64*	
		For Class 55 Rating, Add	*1,729.71*	
		For Class 56 Rating, Add	*2,292.12*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,848.88	614.52
		For Class 52 Rating, Deduct	*-870.96*	
		For Class 54 Rating, Add	*1,198.84*	
		For Class 55 Rating, Add	*1,788.01*	
		For Class 56 Rating, Add	*2,369.27*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,114.22	617.39
		For Class 52 Rating, Deduct	*-899.67*	
		For Class 54 Rating, Add	*1,238.04*	
		For Class 55 Rating, Add	*1,846.32*	
		For Class 56 Rating, Add	*2,446.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,379.54	620.24
		For Class 52 Rating, Deduct	*-928.38*	
		For Class 54 Rating, Add	*1,277.24*	
		For Class 55 Rating, Add	*1,904.63*	
		For Class 56 Rating, Add	*2,523.57*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,644.87	623.10
		For Class 52 Rating, Deduct	*-957.09*	
		For Class 54 Rating, Add	*1,316.45*	
		For Class 55 Rating, Add	*1,962.93*	
		For Class 56 Rating, Add	*2,600.72*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,910.19	625.96
		For Class 52 Rating, Deduct	*-985.80*	
		For Class 54 Rating, Add	*1,355.65*	
		For Class 55 Rating, Add	*2,021.24*	
		For Class 56 Rating, Add	*2,677.87*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,175.53	628.81
		For Class 52 Rating, Deduct	*-1,014.51*	
		For Class 54 Rating, Add	*1,394.85*	
		For Class 55 Rating, Add	*2,079.55*	
		For Class 56 Rating, Add	*2,755.02*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,440.86	631.68
		For Class 52 Rating, Deduct	*-1,043.22*	
		For Class 54 Rating, Add	*1,434.05*	
		For Class 55 Rating, Add	*2,137.85*	
		For Class 56 Rating, Add	*2,832.17*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,706.19	634.53
		For Class 52 Rating, Deduct	*-1,071.93*	
		For Class 54 Rating, Add	*1,473.25*	
		For Class 55 Rating, Add	*2,196.16*	
		For Class 56 Rating, Add	*2,909.32*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,971.53	637.39
		For Class 52 Rating, Deduct	*-1,100.64*	
		For Class 54 Rating, Add	*1,512.46*	
		For Class 55 Rating, Add	*2,254.47*	
		For Class 56 Rating, Add	*2,986.47*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,236.84	640.24
		For Class 52 Rating, Deduct	*-1,129.34*	
		For Class 54 Rating, Add	*1,551.66*	
		For Class 55 Rating, Add	*2,312.77*	
		For Class 56 Rating, Add	*3,063.62*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,502.17	643.11
		For Class 52 Rating, Deduct	*-1,158.05*	
		For Class 54 Rating, Add	*1,590.86*	
		For Class 55 Rating, Add	*2,371.08*	
		For Class 56 Rating, Add	*3,140.77*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,767.51	645.97
		For Class 52 Rating, Deduct	*-1,186.76*	
		For Class 54 Rating, Add	*1,630.06*	
		For Class 55 Rating, Add	*2,429.39*	
		For Class 56 Rating, Add	*3,217.92*	
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,032.84	648.82
		For Class 52 Rating, Deduct	*-1,215.47*	
		For Class 54 Rating, Add	*1,669.26*	
		For Class 55 Rating, Add	*2,487.69*	
		For Class 56 Rating, Add	*3,295.07*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,298.16	651.68
		For Class 52 Rating, Deduct	*-1,244.18*	
		For Class 54 Rating, Add	*1,708.46*	
		For Class 55 Rating, Add	*2,546.00*	
		For Class 56 Rating, Add	*3,372.22*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,563.50	654.54
		For Class 52 Rating, Deduct	*-1,272.89*	
		For Class 54 Rating, Add	*1,747.67*	
		For Class 55 Rating, Add	*2,604.31*	
		For Class 56 Rating, Add	*3,449.37*	
40 05 19 00-1307		18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,183.26	618.53
		For Class 52 Rating, Deduct	*-247.07*	
		For Class 54 Rating, Add	*348.16*	
		For Class 55 Rating, Add	*523.37*	
		For Class 56 Rating, Add	*696.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,488.73	621.39
		For Class 52 Rating, Deduct	*-280.20*	
		For Class 54 Rating, Add	*393.38*	
		For Class 55 Rating, Add	*590.63*	
		For Class 56 Rating, Add	*785.33*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,794.22	624.24
		For Class 52 Rating, Deduct	*-313.32*	
		For Class 54 Rating, Add	*438.61*	
		For Class 55 Rating, Add	*657.89*	
		For Class 56 Rating, Add	*874.33*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,099.70	627.10
		For Class 52 Rating, Deduct	*-346.45*	
		For Class 54 Rating, Add	*483.83*	
		For Class 55 Rating, Add	*725.15*	
		For Class 56 Rating, Add	*963.32*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,405.19	629.96
		For Class 52 Rating, Deduct	*-379.58*	
		For Class 54 Rating, Add	*529.06*	
		For Class 55 Rating, Add	*792.41*	
		For Class 56 Rating, Add	*1,052.32*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,710.67	632.81
		For Class 52 Rating, Deduct	*-412.70*	
		For Class 54 Rating, Add	*574.28*	
		For Class 55 Rating, Add	*859.67*	
		For Class 56 Rating, Add	*1,141.31*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,016.14	635.67
		For Class 52 Rating, Deduct	*-445.83*	
		For Class 54 Rating, Add	*619.51*	
		For Class 55 Rating, Add	*926.93*	
		For Class 56 Rating, Add	*1,230.31*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,321.64	638.54
		For Class 52 Rating, Deduct	*-478.96*	
		For Class 54 Rating, Add	*664.73*	
		For Class 55 Rating, Add	*994.20*	
		For Class 56 Rating, Add	*1,319.31*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,627.12	641.40
		For Class 52 Rating, Deduct	*-512.08*	
		For Class 54 Rating, Add	*709.96*	
		For Class 55 Rating, Add	*1,061.46*	
		For Class 56 Rating, Add	*1,408.30*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,932.60	644.25
		For Class 52 Rating, Deduct	*-545.21*	
		For Class 54 Rating, Add	*755.18*	
		For Class 55 Rating, Add	*1,128.72*	
		For Class 56 Rating, Add	*1,497.30*	
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,238.08	647.11
		For Class 52 Rating, Deduct	*-578.34*	
		For Class 54 Rating, Add	*800.41*	
		For Class 55 Rating, Add	*1,195.98*	
		For Class 56 Rating, Add	*1,586.29*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,543.56	649.97
		For Class 52 Rating, Deduct	*-611.46*	
		For Class 54 Rating, Add	*845.63*	
		For Class 55 Rating, Add	*1,263.24*	
		For Class 56 Rating, Add	*1,675.29*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,849.05	652.82
		For Class 52 Rating, Deduct	*-644.59*	
		For Class 54 Rating, Add	*890.86*	
		For Class 55 Rating, Add	*1,330.50*	
		For Class 56 Rating, Add	*1,764.29*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,154.53	655.68
		For Class 52 Rating, Deduct	*-677.72*	
		For Class 54 Rating, Add	*936.08*	
		For Class 55 Rating, Add	*1,397.76*	
		For Class 56 Rating, Add	*1,853.28*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,460.01	658.54
		For Class 52 Rating, Deduct	*-710.84*	
		For Class 54 Rating, Add	*981.31*	
		For Class 55 Rating, Add	*1,465.02*	
		For Class 56 Rating, Add	*1,942.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,765.49	661.40
		For Class 52 Rating, Deduct	*-743.97*	
		For Class 54 Rating, Add	*1,026.53*	
		For Class 55 Rating, Add	*1,532.28*	
		For Class 56 Rating, Add	*2,031.27*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,070.97	664.26
		For Class 52 Rating, Deduct	*-777.10*	
		For Class 54 Rating, Add	*1,071.76*	
		For Class 55 Rating, Add	*1,599.54*	
		For Class 56 Rating, Add	*2,120.27*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,376.47	667.12
		For Class 52 Rating, Deduct	*-810.22*	
		For Class 54 Rating, Add	*1,116.98*	
		For Class 55 Rating, Add	*1,666.81*	
		For Class 56 Rating, Add	*2,209.26*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,681.94	669.98
		For Class 52 Rating, Deduct	*-843.35*	
		For Class 54 Rating, Add	*1,162.21*	
		For Class 55 Rating, Add	*1,734.07*	
		For Class 56 Rating, Add	*2,298.26*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,987.42	672.82
		For Class 52 Rating, Deduct	*-876.48*	
		For Class 54 Rating, Add	*1,207.43*	
		For Class 55 Rating, Add	*1,801.33*	
		For Class 56 Rating, Add	*2,387.25*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,292.91	675.68
		For Class 52 Rating, Deduct	*-909.60*	
		For Class 54 Rating, Add	*1,252.65*	
		For Class 55 Rating, Add	*1,868.59*	
		For Class 56 Rating, Add	*2,476.25*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,598.39	678.55
		For Class 52 Rating, Deduct	*-942.73*	
		For Class 54 Rating, Add	*1,297.88*	
		For Class 55 Rating, Add	*1,935.85*	
		For Class 56 Rating, Add	*2,565.24*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,903.88	681.41
		For Class 52 Rating, Deduct	*-975.86*	
		For Class 54 Rating, Add	*1,343.11*	
		For Class 55 Rating, Add	*2,003.11*	
		For Class 56 Rating, Add	*2,654.24*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,209.36	684.26
		For Class 52 Rating, Deduct	*-1,008.98*	
		For Class 54 Rating, Add	*1,388.33*	
		For Class 55 Rating, Add	*2,070.37*	
		For Class 56 Rating, Add	*2,743.24*	
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,514.84	687.12
		For Class 52 Rating, Deduct	*-1,042.11*	
		For Class 54 Rating, Add	*1,433.55*	
		For Class 55 Rating, Add	*2,137.63*	
		For Class 56 Rating, Add	*2,832.23*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,820.32	689.99
		For Class 52 Rating, Deduct	*-1,075.24*	
		For Class 54 Rating, Add	*1,478.78*	
		For Class 55 Rating, Add	*2,204.89*	
		For Class 56 Rating, Add	*2,921.23*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,125.80	692.85
		For Class 52 Rating, Deduct	*-1,108.36*	
		For Class 54 Rating, Add	*1,524.00*	
		For Class 55 Rating, Add	*2,272.15*	
		For Class 56 Rating, Add	*3,010.22*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,431.29	695.70
		For Class 52 Rating, Deduct	*-1,141.49*	
		For Class 54 Rating, Add	*1,569.23*	
		For Class 55 Rating, Add	*2,339.41*	
		For Class 56 Rating, Add	*3,099.22*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,736.77	698.55
		For Class 52 Rating, Deduct	*-1,174.62*	
		For Class 54 Rating, Add	*1,614.45*	
		For Class 55 Rating, Add	*2,406.67*	
		For Class 56 Rating, Add	*3,188.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,042.25	701.42
		For Class 52 Rating, Deduct	*-1,207.75*	
		For Class 54 Rating, Add	*1,659.68*	
		For Class 55 Rating, Add	*2,473.93*	
		For Class 56 Rating, Add	*3,277.21*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,347.74	704.27
		For Class 52 Rating, Deduct	*-1,240.87*	
		For Class 54 Rating, Add	*1,704.90*	
		For Class 55 Rating, Add	*2,541.20*	
		For Class 56 Rating, Add	*3,366.21*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,653.21	707.13
		For Class 52 Rating, Deduct	*-1,274.00*	
		For Class 54 Rating, Add	*1,750.13*	
		For Class 55 Rating, Add	*2,608.46*	
		For Class 56 Rating, Add	*3,455.20*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,958.70	709.99
		For Class 52 Rating, Deduct	*-1,307.13*	
		For Class 54 Rating, Add	*1,795.35*	
		For Class 55 Rating, Add	*2,675.72*	
		For Class 56 Rating, Add	*3,544.20*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,264.19	712.85
		For Class 52 Rating, Deduct	*-1,340.25*	
		For Class 54 Rating, Add	*1,840.58*	
		For Class 55 Rating, Add	*2,742.98*	
		For Class 56 Rating, Add	*3,633.20*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,569.67	715.71
		For Class 52 Rating, Deduct	*-1,373.38*	
		For Class 54 Rating, Add	*1,885.80*	
		For Class 55 Rating, Add	*2,810.24*	
		For Class 56 Rating, Add	*3,722.19*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,875.14	718.57
		For Class 52 Rating, Deduct	*-1,406.51*	
		For Class 54 Rating, Add	*1,931.03*	
		For Class 55 Rating, Add	*2,877.50*	
		For Class 56 Rating, Add	*3,811.19*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,180.62	721.43
		For Class 52 Rating, Deduct	*-1,439.63*	
		For Class 54 Rating, Add	*1,976.25*	
		For Class 55 Rating, Add	*2,944.76*	
		For Class 56 Rating, Add	*3,900.18*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,486.12	724.27
		For Class 52 Rating, Deduct	*-1,472.76*	
		For Class 54 Rating, Add	*2,021.48*	
		For Class 55 Rating, Add	*3,012.02*	
		For Class 56 Rating, Add	*3,989.18*	

40 05 19 00-1346 20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,714.80	705.99
		For Class 52 Rating, Deduct	*-290.96*	
		For Class 54 Rating, Add	*409.60*	
		For Class 55 Rating, Add	*615.53*	
		For Class 56 Rating, Add	*818.82*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,065.45	708.85
		For Class 52 Rating, Deduct	*-329.06*	
		For Class 54 Rating, Add	*461.60*	
		For Class 55 Rating, Add	*692.87*	
		For Class 56 Rating, Add	*921.14*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,416.11	711.70
		For Class 52 Rating, Deduct	*-367.15*	
		For Class 54 Rating, Add	*513.61*	
		For Class 55 Rating, Add	*770.20*	
		For Class 56 Rating, Add	*1,023.46*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,766.76	714.56
		For Class 52 Rating, Deduct	*-405.25*	
		For Class 54 Rating, Add	*565.61*	
		For Class 55 Rating, Add	*847.54*	
		For Class 56 Rating, Add	*1,125.78*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,117.42	717.42
		For Class 52 Rating, Deduct	*-443.35*	
		For Class 54 Rating, Add	*617.61*	
		For Class 55 Rating, Add	*924.87*	
		For Class 56 Rating, Add	*1,228.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,468.08	720.27
		For Class 52 Rating, Deduct	*-481.44*	
		For Class 54 Rating, Add	*669.61*	
		For Class 55 Rating, Add	*1,002.21*	
		For Class 56 Rating, Add	*1,330.43*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,818.73	723.14
		For Class 52 Rating, Deduct	*-519.54*	
		For Class 54 Rating, Add	*721.61*	
		For Class 55 Rating, Add	*1,079.54*	
		For Class 56 Rating, Add	*1,432.75*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,169.38	726.00
		For Class 52 Rating, Deduct	*-557.63*	
		For Class 54 Rating, Add	*773.61*	
		For Class 55 Rating, Add	*1,156.87*	
		For Class 56 Rating, Add	*1,535.07*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,520.04	728.86
		For Class 52 Rating, Deduct	*-595.73*	
		For Class 54 Rating, Add	*825.61*	
		For Class 55 Rating, Add	*1,234.21*	
		For Class 56 Rating, Add	*1,637.39*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,870.70	731.70
		For Class 52 Rating, Deduct	*-633.82*	
		For Class 54 Rating, Add	*877.61*	
		For Class 55 Rating, Add	*1,311.54*	
		For Class 56 Rating, Add	*1,739.71*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,221.36	734.57
		For Class 52 Rating, Deduct	*-671.92*	
		For Class 54 Rating, Add	*929.61*	
		For Class 55 Rating, Add	*1,388.88*	
		For Class 56 Rating, Add	*1,842.04*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,572.00	737.43
		For Class 52 Rating, Deduct	*-710.02*	
		For Class 54 Rating, Add	*981.61*	
		For Class 55 Rating, Add	*1,466.21*	
		For Class 56 Rating, Add	*1,944.36*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,922.67	740.28
		For Class 52 Rating, Deduct	*-748.11*	
		For Class 54 Rating, Add	*1,033.61*	
		For Class 55 Rating, Add	*1,543.55*	
		For Class 56 Rating, Add	*2,046.68*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,273.32	743.14
		For Class 52 Rating, Deduct	*-786.21*	
		For Class 54 Rating, Add	*1,085.61*	
		For Class 55 Rating, Add	*1,620.88*	
		For Class 56 Rating, Add	*2,149.00*	
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,623.98	746.01
		For Class 52 Rating, Deduct	*-824.30*	
		For Class 54 Rating, Add	*1,137.61*	
		For Class 55 Rating, Add	*1,698.22*	
		For Class 56 Rating, Add	*2,251.32*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,974.63	748.87
		For Class 52 Rating, Deduct	*-862.40*	
		For Class 54 Rating, Add	*1,189.61*	
		For Class 55 Rating, Add	*1,775.55*	
		For Class 56 Rating, Add	*2,353.64*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,325.29	751.72
		For Class 52 Rating, Deduct	*-900.50*	
		For Class 54 Rating, Add	*1,241.62*	
		For Class 55 Rating, Add	*1,852.88*	
		For Class 56 Rating, Add	*2,455.97*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,675.94	754.58
		For Class 52 Rating, Deduct	*-938.59*	
		For Class 54 Rating, Add	*1,293.62*	
		For Class 55 Rating, Add	*1,930.22*	
		For Class 56 Rating, Add	*2,558.29*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,026.59	757.43
		For Class 52 Rating, Deduct	*-976.69*	
		For Class 54 Rating, Add	*1,345.62*	
		For Class 55 Rating, Add	*2,007.55*	
		For Class 56 Rating, Add	*2,660.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,377.25	760.30
		For Class 52 Rating, Deduct	*-1,014.78*	
		For Class 54 Rating, Add	*1,397.62*	
		For Class 55 Rating, Add	*2,084.89*	
		For Class 56 Rating, Add	*2,762.93*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,727.90	763.15
		For Class 52 Rating, Deduct	*-1,052.88*	
		For Class 54 Rating, Add	*1,449.62*	
		For Class 55 Rating, Add	*2,162.22*	
		For Class 56 Rating, Add	*2,865.25*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,078.56	766.01
		For Class 52 Rating, Deduct	*-1,090.97*	
		For Class 54 Rating, Add	*1,501.62*	
		For Class 55 Rating, Add	*2,239.56*	
		For Class 56 Rating, Add	*2,967.57*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,429.22	768.87
		For Class 52 Rating, Deduct	*-1,129.07*	
		For Class 54 Rating, Add	*1,553.62*	
		For Class 55 Rating, Add	*2,316.89*	
		For Class 56 Rating, Add	*3,069.90*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,779.87	771.72
		For Class 52 Rating, Deduct	*-1,167.16*	
		For Class 54 Rating, Add	*1,605.62*	
		For Class 55 Rating, Add	*2,394.22*	
		For Class 56 Rating, Add	*3,172.22*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,130.52	774.59
		For Class 52 Rating, Deduct	*-1,205.26*	
		For Class 54 Rating, Add	*1,657.62*	
		For Class 55 Rating, Add	*2,471.56*	
		For Class 56 Rating, Add	*3,274.54*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,481.19	777.45
		For Class 52 Rating, Deduct	*-1,243.36*	
		For Class 54 Rating, Add	*1,709.62*	
		For Class 55 Rating, Add	*2,548.89*	
		For Class 56 Rating, Add	*3,376.86*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,831.84	780.31
		For Class 52 Rating, Deduct	*-1,281.45*	
		For Class 54 Rating, Add	*1,761.62*	
		For Class 55 Rating, Add	*2,626.23*	
		For Class 56 Rating, Add	*3,479.18*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,182.50	783.15
		For Class 52 Rating, Deduct	*-1,319.55*	
		For Class 54 Rating, Add	*1,813.62*	
		For Class 55 Rating, Add	*2,703.56*	
		For Class 56 Rating, Add	*3,581.51*	
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,533.14	786.02
		For Class 52 Rating, Deduct	*-1,357.64*	
		For Class 54 Rating, Add	*1,865.62*	
		For Class 55 Rating, Add	*2,780.90*	
		For Class 56 Rating, Add	*3,683.83*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,883.81	788.88
		For Class 52 Rating, Deduct	*-1,395.74*	
		For Class 54 Rating, Add	*1,917.62*	
		For Class 55 Rating, Add	*2,858.23*	
		For Class 56 Rating, Add	*3,786.15*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,234.46	791.73
		For Class 52 Rating, Deduct	*-1,433.83*	
		For Class 54 Rating, Add	*1,969.62*	
		For Class 55 Rating, Add	*2,935.56*	
		For Class 56 Rating, Add	*3,888.47*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,585.12	794.59
		For Class 52 Rating, Deduct	*-1,471.93*	
		For Class 54 Rating, Add	*2,021.63*	
		For Class 55 Rating, Add	*3,012.90*	
		For Class 56 Rating, Add	*3,990.79*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,935.77	797.46
		For Class 52 Rating, Deduct	*-1,510.03*	
		For Class 54 Rating, Add	*2,073.63*	
		For Class 55 Rating, Add	*3,090.23*	
		For Class 56 Rating, Add	*4,093.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,286.43	800.32
		For Class 52 Rating, Deduct	*-1,548.12*	
		For Class 54 Rating, Add	*2,125.63*	
		For Class 55 Rating, Add	*3,167.57*	
		For Class 56 Rating, Add	*4,195.44*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,637.08	803.17
		For Class 52 Rating, Deduct	*-1,586.22*	
		For Class 54 Rating, Add	*2,177.63*	
		For Class 55 Rating, Add	*3,244.90*	
		For Class 56 Rating, Add	*4,297.76*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,987.75	806.03
		For Class 52 Rating, Deduct	*-1,624.31*	
		For Class 54 Rating, Add	*2,229.63*	
		For Class 55 Rating, Add	*3,322.24*	
		For Class 56 Rating, Add	*4,400.08*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,338.39	808.88
		For Class 52 Rating, Deduct	*-1,662.41*	
		For Class 54 Rating, Add	*2,281.63*	
		For Class 55 Rating, Add	*3,399.57*	
		For Class 56 Rating, Add	*4,502.40*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,689.05	811.74
		For Class 52 Rating, Deduct	*-1,700.51*	
		For Class 54 Rating, Add	*2,333.63*	
		For Class 55 Rating, Add	*3,476.91*	
		For Class 56 Rating, Add	*4,604.72*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,567.19	834.60
		For Class 52 Rating, Deduct	*-363.29*	
		For Class 54 Rating, Add	*510.57*	
		For Class 55 Rating, Add	*766.84*	
		For Class 56 Rating, Add	*1,019.80*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,000.67	837.47
		For Class 52 Rating, Deduct	*-410.50*	
		For Class 54 Rating, Add	*574.99*	
		For Class 55 Rating, Add	*862.64*	
		For Class 56 Rating, Add	*1,146.56*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,434.14	840.33
		For Class 52 Rating, Deduct	*-457.70*	
		For Class 54 Rating, Add	*639.42*	
		For Class 55 Rating, Add	*958.44*	
		For Class 56 Rating, Add	*1,273.31*	
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,867.62	843.18
		For Class 52 Rating, Deduct	*-504.91*	
		For Class 54 Rating, Add	*703.84*	
		For Class 55 Rating, Add	*1,054.24*	
		For Class 56 Rating, Add	*1,400.06*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,301.08	846.04
		For Class 52 Rating, Deduct	*-552.11*	
		For Class 54 Rating, Add	*768.26*	
		For Class 55 Rating, Add	*1,150.05*	
		For Class 56 Rating, Add	*1,526.81*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,734.55	848.90
		For Class 52 Rating, Deduct	*-599.32*	
		For Class 54 Rating, Add	*832.69*	
		For Class 55 Rating, Add	*1,245.85*	
		For Class 56 Rating, Add	*1,653.56*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,168.02	851.77
		For Class 52 Rating, Deduct	*-646.52*	
		For Class 54 Rating, Add	*897.11*	
		For Class 55 Rating, Add	*1,341.65*	
		For Class 56 Rating, Add	*1,780.32*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,601.50	854.62
		For Class 52 Rating, Deduct	*-693.73*	
		For Class 54 Rating, Add	*961.53*	
		For Class 55 Rating, Add	*1,437.45*	
		For Class 56 Rating, Add	*1,907.07*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,034.97	857.47
		For Class 52 Rating, Deduct	*-740.93*	
		For Class 54 Rating, Add	*1,025.96*	
		For Class 55 Rating, Add	*1,533.26*	
		For Class 56 Rating, Add	*2,033.82*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,468.44	860.33
		For Class 52 Rating, Deduct	*-788.14*	
		For Class 54 Rating, Add	*1,090.38*	
		For Class 55 Rating, Add	*1,629.06*	
		For Class 56 Rating, Add	*2,160.58*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,901.92	863.19
		For Class 52 Rating, Deduct	*-835.35*	
		For Class 54 Rating, Add	*1,154.80*	
		For Class 55 Rating, Add	*1,724.86*	
		For Class 56 Rating, Add	*2,287.33*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,335.39	866.05
		For Class 52 Rating, Deduct	*-882.55*	
		For Class 54 Rating, Add	*1,219.22*	
		For Class 55 Rating, Add	*1,820.66*	
		For Class 56 Rating, Add	*2,414.08*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,768.86	868.91
		For Class 52 Rating, Deduct	*-929.76*	
		For Class 54 Rating, Add	*1,283.65*	
		For Class 55 Rating, Add	*1,916.47*	
		For Class 56 Rating, Add	*2,540.83*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,202.33	871.77
		For Class 52 Rating, Deduct	*-976.96*	
		For Class 54 Rating, Add	*1,348.07*	
		For Class 55 Rating, Add	*2,012.27*	
		For Class 56 Rating, Add	*2,667.58*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,635.81	874.62
		For Class 52 Rating, Deduct	*-1,024.17*	
		For Class 54 Rating, Add	*1,412.50*	
		For Class 55 Rating, Add	*2,108.07*	
		For Class 56 Rating, Add	*2,794.34*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,069.28	877.49
		For Class 52 Rating, Deduct	*-1,071.37*	
		For Class 54 Rating, Add	*1,476.92*	
		For Class 55 Rating, Add	*2,203.87*	
		For Class 56 Rating, Add	*2,921.09*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,502.76	880.35
		For Class 52 Rating, Deduct	*-1,118.58*	
		For Class 54 Rating, Add	*1,541.34*	
		For Class 55 Rating, Add	*2,299.68*	
		For Class 56 Rating, Add	*3,047.84*	
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,936.22	883.19
		For Class 52 Rating, Deduct	*-1,165.78*	
		For Class 54 Rating, Add	*1,605.76*	
		For Class 55 Rating, Add	*2,395.48*	
		For Class 56 Rating, Add	*3,174.60*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,369.69	886.05
		For Class 52 Rating, Deduct	*-1,212.99*	
		For Class 54 Rating, Add	*1,670.19*	
		For Class 55 Rating, Add	*2,491.28*	
		For Class 56 Rating, Add	*3,301.35*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,803.16	888.92
		For Class 52 Rating, Deduct	*-1,260.20*	
		For Class 54 Rating, Add	*1,734.61*	
		For Class 55 Rating, Add	*2,587.08*	
		For Class 56 Rating, Add	*3,428.10*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,236.65	891.78
		For Class 52 Rating, Deduct	*-1,307.40*	
		For Class 54 Rating, Add	*1,799.03*	
		For Class 55 Rating, Add	*2,682.89*	
		For Class 56 Rating, Add	*3,554.86*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,670.11	894.63
		For Class 52 Rating, Deduct	*-1,354.61*	
		For Class 54 Rating, Add	*1,863.46*	
		For Class 55 Rating, Add	*2,778.69*	
		For Class 56 Rating, Add	*3,681.61*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,103.58	897.49
		For Class 52 Rating, Deduct	*-1,401.81*	
		For Class 54 Rating, Add	*1,927.88*	
		For Class 55 Rating, Add	*2,874.49*	
		For Class 56 Rating, Add	*3,808.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,537.06	900.35
		For Class 52 Rating, Deduct	*-1,449.02*	
		For Class 54 Rating, Add	*1,992.30*	
		For Class 55 Rating, Add	*2,970.29*	
		For Class 56 Rating, Add	*3,935.11*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,970.53	903.22
		For Class 52 Rating, Deduct	*-1,496.22*	
		For Class 54 Rating, Add	*2,056.73*	
		For Class 55 Rating, Add	*3,066.10*	
		For Class 56 Rating, Add	*4,061.86*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,403.99	906.06
		For Class 52 Rating, Deduct	*-1,543.43*	
		For Class 54 Rating, Add	*2,121.15*	
		For Class 55 Rating, Add	*3,161.90*	
		For Class 56 Rating, Add	*4,188.62*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,837.48	908.92
		For Class 52 Rating, Deduct	*-1,590.64*	
		For Class 54 Rating, Add	*2,185.57*	
		For Class 55 Rating, Add	*3,257.70*	
		For Class 56 Rating, Add	*4,315.37*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,270.95	911.78
		For Class 52 Rating, Deduct	*-1,637.84*	
		For Class 54 Rating, Add	*2,250.00*	
		For Class 55 Rating, Add	*3,353.51*	
		For Class 56 Rating, Add	*4,442.12*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,704.42	914.63
		For Class 52 Rating, Deduct	*-1,685.05*	
		For Class 54 Rating, Add	*2,314.42*	
		For Class 55 Rating, Add	*3,449.31*	
		For Class 56 Rating, Add	*4,568.88*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,211.52	966.08
		For Class 52 Rating, Deduct	*-1,732.25*	
		For Class 54 Rating, Add	*2,379.73*	
		For Class 55 Rating, Add	*3,546.88*	
		For Class 56 Rating, Add	*4,698.28*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,644.98	968.95
		For Class 52 Rating, Deduct	*-1,779.46*	
		For Class 54 Rating, Add	*2,444.15*	
		For Class 55 Rating, Add	*3,642.68*	
		For Class 56 Rating, Add	*4,825.03*	
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,078.45	971.81
		For Class 52 Rating, Deduct	*-1,826.66*	
		For Class 54 Rating, Add	*2,508.57*	
		For Class 55 Rating, Add	*3,738.48*	
		For Class 56 Rating, Add	*4,951.78*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,511.93	974.67
		For Class 52 Rating, Deduct	*-1,873.87*	
		For Class 54 Rating, Add	*2,573.00*	
		For Class 55 Rating, Add	*3,834.28*	
		For Class 56 Rating, Add	*5,078.54*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,945.41	977.52
		For Class 52 Rating, Deduct	*-1,921.07*	
		For Class 54 Rating, Add	*2,637.42*	
		For Class 55 Rating, Add	*3,930.09*	
		For Class 56 Rating, Add	*5,205.29*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,378.87	980.38
		For Class 52 Rating, Deduct	*-1,968.28*	
		For Class 54 Rating, Add	*2,701.84*	
		For Class 55 Rating, Add	*4,025.89*	
		For Class 56 Rating, Add	*5,332.04*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,812.34	983.24
		For Class 52 Rating, Deduct	*-2,015.48*	
		For Class 54 Rating, Add	*2,766.27*	
		For Class 55 Rating, Add	*4,121.69*	
		For Class 56 Rating, Add	*5,458.80*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,245.82	986.09
		For Class 52 Rating, Deduct	*-2,062.69*	
		For Class 54 Rating, Add	*2,830.69*	
		For Class 55 Rating, Add	*4,217.49*	
		For Class 56 Rating, Add	*5,585.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,679.29	988.95
		For Class 52 Rating, Deduct	*-2,109.90*	
		For Class 54 Rating, Add	*2,895.11*	
		For Class 55 Rating, Add	*4,313.30*	
		For Class 56 Rating, Add	*5,712.30*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,004.21	1,177.61
		For Class 52 Rating, Deduct	*-574.20*	
		For Class 54 Rating, Add	*804.41*	
		For Class 55 Rating, Add	*1,206.88*	
		For Class 56 Rating, Add	*1,604.12*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,628.41	1,180.45
		For Class 52 Rating, Deduct	*-642.38*	
		For Class 54 Rating, Add	*897.44*	
		For Class 55 Rating, Add	*1,345.21*	
		For Class 56 Rating, Add	*1,787.14*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,252.62	1,183.31
		For Class 52 Rating, Deduct	*-710.57*	
		For Class 54 Rating, Add	*990.47*	
		For Class 55 Rating, Add	*1,483.55*	
		For Class 56 Rating, Add	*1,970.16*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,876.81	1,186.17
		For Class 52 Rating, Deduct	*-778.75*	
		For Class 54 Rating, Add	*1,083.50*	
		For Class 55 Rating, Add	*1,621.88*	
		For Class 56 Rating, Add	*2,153.18*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,501.01	1,189.04
		For Class 52 Rating, Deduct	*-846.94*	
		For Class 54 Rating, Add	*1,176.54*	
		For Class 55 Rating, Add	*1,760.21*	
		For Class 56 Rating, Add	*2,336.19*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,125.22	1,191.89
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,269.57*	
		For Class 55 Rating, Add	*1,898.55*	
		For Class 56 Rating, Add	*2,519.21*	
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,749.43	1,194.75
		For Class 52 Rating, Deduct	*-983.31*	
		For Class 54 Rating, Add	*1,362.60*	
		For Class 55 Rating, Add	*2,036.89*	
		For Class 56 Rating, Add	*2,702.23*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,373.62	1,197.61
		For Class 52 Rating, Deduct	*-1,051.50*	
		For Class 54 Rating, Add	*1,455.64*	
		For Class 55 Rating, Add	*2,175.22*	
		For Class 56 Rating, Add	*2,885.25*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,997.83	1,200.47
		For Class 52 Rating, Deduct	*-1,119.68*	
		For Class 54 Rating, Add	*1,548.67*	
		For Class 55 Rating, Add	*2,313.56*	
		For Class 56 Rating, Add	*3,068.27*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,622.03	1,203.32
		For Class 52 Rating, Deduct	*-1,187.87*	
		For Class 54 Rating, Add	*1,641.70*	
		For Class 55 Rating, Add	*2,451.89*	
		For Class 56 Rating, Add	*3,251.28*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,246.23	1,206.18
		For Class 52 Rating, Deduct	*-1,256.05*	
		For Class 54 Rating, Add	*1,734.73*	
		For Class 55 Rating, Add	*2,590.23*	
		For Class 56 Rating, Add	*3,434.30*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,870.43	1,209.04
		For Class 52 Rating, Deduct	*-1,324.24*	
		For Class 54 Rating, Add	*1,827.77*	
		For Class 55 Rating, Add	*2,728.56*	
		For Class 56 Rating, Add	*3,617.32*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,494.63	1,211.89
		For Class 52 Rating, Deduct	*-1,392.43*	
		For Class 54 Rating, Add	*1,920.80*	
		For Class 55 Rating, Add	*2,866.90*	
		For Class 56 Rating, Add	*3,800.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,118.83	1,214.76
		For Class 52 Rating, Deduct	*-1,460.61*	
		For Class 54 Rating, Add	*2,013.83*	
		For Class 55 Rating, Add	*3,005.23*	
		For Class 56 Rating, Add	*3,983.35*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,743.03	1,217.62
		For Class 52 Rating, Deduct	*-1,528.80*	
		For Class 54 Rating, Add	*2,106.86*	
		For Class 55 Rating, Add	*3,143.57*	
		For Class 56 Rating, Add	*4,166.37*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,367.25	1,220.47
		For Class 52 Rating, Deduct	*-1,596.98*	
		For Class 54 Rating, Add	*2,199.90*	
		For Class 55 Rating, Add	*3,281.90*	
		For Class 56 Rating, Add	*4,349.39*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,991.44	1,223.33
		For Class 52 Rating, Deduct	*-1,665.17*	
		For Class 54 Rating, Add	*2,292.93*	
		For Class 55 Rating, Add	*3,420.24*	
		For Class 56 Rating, Add	*4,532.41*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,615.64	1,226.20
		For Class 52 Rating, Deduct	*-1,733.36*	
		For Class 54 Rating, Add	*2,385.96*	
		For Class 55 Rating, Add	*3,558.57*	
		For Class 56 Rating, Add	*4,715.43*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,239.85	1,229.06
		For Class 52 Rating, Deduct	*-1,801.54*	
		For Class 54 Rating, Add	*2,478.99*	
		For Class 55 Rating, Add	*3,696.91*	
		For Class 56 Rating, Add	*4,898.45*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,864.05	1,231.90
		For Class 52 Rating, Deduct	*-1,869.73*	
		For Class 54 Rating, Add	*2,572.03*	
		For Class 55 Rating, Add	*3,835.24*	
		For Class 56 Rating, Add	*5,081.46*	
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,488.24	1,234.76
		For Class 52 Rating, Deduct	*-1,937.91*	
		For Class 54 Rating, Add	*2,665.06*	
		For Class 55 Rating, Add	*3,973.58*	
		For Class 56 Rating, Add	*5,264.48*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,112.44	1,237.62
		For Class 52 Rating, Deduct	*-2,006.10*	
		For Class 54 Rating, Add	*2,758.09*	
		For Class 55 Rating, Add	*4,111.91*	
		For Class 56 Rating, Add	*5,447.50*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,736.65	1,240.48
		For Class 52 Rating, Deduct	*-2,074.28*	
		For Class 54 Rating, Add	*2,851.12*	
		For Class 55 Rating, Add	*4,250.25*	
		For Class 56 Rating, Add	*5,630.52*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,360.86	1,243.34
		For Class 52 Rating, Deduct	*-2,142.47*	
		For Class 54 Rating, Add	*2,944.16*	
		For Class 55 Rating, Add	*4,388.59*	
		For Class 56 Rating, Add	*5,813.54*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,985.05	1,246.20
		For Class 52 Rating, Deduct	*-2,210.66*	
		For Class 54 Rating, Add	*3,037.19*	
		For Class 55 Rating, Add	*4,526.92*	
		For Class 56 Rating, Add	*5,996.55*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,609.26	1,249.06
		For Class 52 Rating, Deduct	*-2,278.84*	
		For Class 54 Rating, Add	*3,130.22*	
		For Class 55 Rating, Add	*4,665.26*	
		For Class 56 Rating, Add	*6,179.57*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,233.46	1,251.90
		For Class 52 Rating, Deduct	*-2,347.03*	
		For Class 54 Rating, Add	*3,223.26*	
		For Class 55 Rating, Add	*4,803.59*	
		For Class 56 Rating, Add	*6,362.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,857.66	1,254.77
		For Class 52 Rating, Deduct	*-2,415.21*	
		For Class 54 Rating, Add	*3,316.29*	
		For Class 55 Rating, Add	*4,941.93*	
		For Class 56 Rating, Add	*6,545.61*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,481.87	1,257.63
		For Class 52 Rating, Deduct	*-2,483.40*	
		For Class 54 Rating, Add	*3,409.32*	
		For Class 55 Rating, Add	*5,080.26*	
		For Class 56 Rating, Add	*6,728.62*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,106.06	1,260.49
		For Class 52 Rating, Deduct	*-2,551.59*	
		For Class 54 Rating, Add	*3,502.35*	
		For Class 55 Rating, Add	*5,218.60*	
		For Class 56 Rating, Add	*6,911.64*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,730.26	1,263.34
		For Class 52 Rating, Deduct	*-2,619.77*	
		For Class 54 Rating, Add	*3,595.38*	
		For Class 55 Rating, Add	*5,356.93*	
		For Class 56 Rating, Add	*7,094.66*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,354.48	1,266.21
		For Class 52 Rating, Deduct	*-2,687.96*	
		For Class 54 Rating, Add	*3,688.42*	
		For Class 55 Rating, Add	*5,495.27*	
		For Class 56 Rating, Add	*7,277.68*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,978.68	1,269.07
		For Class 52 Rating, Deduct	*-2,756.14*	
		For Class 54 Rating, Add	*3,781.45*	
		For Class 55 Rating, Add	*5,633.60*	
		For Class 56 Rating, Add	*7,460.70*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,602.87	1,271.92
		For Class 52 Rating, Deduct	*-2,824.33*	
		For Class 54 Rating, Add	*3,874.48*	
		For Class 55 Rating, Add	*5,771.94*	
		For Class 56 Rating, Add	*7,643.71*	
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,227.07	1,274.78
		For Class 52 Rating, Deduct	*-2,892.51*	
		For Class 54 Rating, Add	*3,967.52*	
		For Class 55 Rating, Add	*5,910.27*	
		For Class 56 Rating, Add	*7,826.73*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,851.28	1,277.65
		For Class 52 Rating, Deduct	*-2,960.70*	
		For Class 54 Rating, Add	*4,060.55*	
		For Class 55 Rating, Add	*6,048.61*	
		For Class 56 Rating, Add	*8,009.75*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,475.48	1,280.50
		For Class 52 Rating, Deduct	*-3,028.89*	
		For Class 54 Rating, Add	*4,153.58*	
		For Class 55 Rating, Add	*6,186.94*	
		For Class 56 Rating, Add	*8,192.77*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,099.67	1,283.35
		For Class 52 Rating, Deduct	*-3,097.07*	
		For Class 54 Rating, Add	*4,246.61*	
		For Class 55 Rating, Add	*6,325.28*	
		For Class 56 Rating, Add	*8,375.78*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,694.05	1,492.01
		For Class 52 Rating, Deduct	*-817.68*	
		For Class 54 Rating, Add	*1,142.14*	
		For Class 55 Rating, Add	*1,711.91*	
		For Class 56 Rating, Add	*2,274.25*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,541.61	1,494.87
		For Class 52 Rating, Deduct	*-910.43*	
		For Class 54 Rating, Add	*1,268.68*	
		For Class 55 Rating, Add	*1,900.05*	
		For Class 56 Rating, Add	*2,523.15*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,389.17	1,497.72
		For Class 52 Rating, Deduct	*-1,003.19*	
		For Class 54 Rating, Add	*1,395.21*	
		For Class 55 Rating, Add	*2,088.20*	
		For Class 56 Rating, Add	*2,772.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,236.72	1,500.59
		For Class 52 Rating, Deduct	*-1,095.94*	
		For Class 54 Rating, Add	*1,521.75*	
		For Class 55 Rating, Add	*2,276.34*	
		For Class 56 Rating, Add	*3,020.97*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,084.28	1,503.44
		For Class 52 Rating, Deduct	*-1,188.70*	
		For Class 54 Rating, Add	*1,648.29*	
		For Class 55 Rating, Add	*2,464.48*	
		For Class 56 Rating, Add	*3,269.88*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,931.83	1,506.29
		For Class 52 Rating, Deduct	*-1,281.45*	
		For Class 54 Rating, Add	*1,774.82*	
		For Class 55 Rating, Add	*2,652.63*	
		For Class 56 Rating, Add	*3,518.78*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,779.39	1,509.15
		For Class 52 Rating, Deduct	*-1,374.21*	
		For Class 54 Rating, Add	*1,901.36*	
		For Class 55 Rating, Add	*2,840.77*	
		For Class 56 Rating, Add	*3,767.69*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,626.95	1,512.02
		For Class 52 Rating, Deduct	*-1,466.96*	
		For Class 54 Rating, Add	*2,027.89*	
		For Class 55 Rating, Add	*3,028.91*	
		For Class 56 Rating, Add	*4,016.60*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,474.50	1,514.88
		For Class 52 Rating, Deduct	*-1,559.72*	
		For Class 54 Rating, Add	*2,154.43*	
		For Class 55 Rating, Add	*3,217.06*	
		For Class 56 Rating, Add	*4,265.51*	
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,322.06	1,517.73
		For Class 52 Rating, Deduct	*-1,652.47*	
		For Class 54 Rating, Add	*2,280.97*	
		For Class 55 Rating, Add	*3,405.20*	
		For Class 56 Rating, Add	*4,514.41*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,169.62	1,520.59
		For Class 52 Rating, Deduct	*-1,745.23*	
		For Class 54 Rating, Add	*2,407.50*	
		For Class 55 Rating, Add	*3,593.34*	
		For Class 56 Rating, Add	*4,763.32*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,017.18	1,523.46
		For Class 52 Rating, Deduct	*-1,837.98*	
		For Class 54 Rating, Add	*2,534.04*	
		For Class 55 Rating, Add	*3,781.49*	
		For Class 56 Rating, Add	*5,012.23*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,864.72	1,526.30
		For Class 52 Rating, Deduct	*-1,930.74*	
		For Class 54 Rating, Add	*2,660.57*	
		For Class 55 Rating, Add	*3,969.63*	
		For Class 56 Rating, Add	*5,261.13*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,712.28	1,529.16
		For Class 52 Rating, Deduct	*-2,023.49*	
		For Class 54 Rating, Add	*2,787.11*	
		For Class 55 Rating, Add	*4,157.77*	
		For Class 56 Rating, Add	*5,510.04*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,559.84	1,532.02
		For Class 52 Rating, Deduct	*-2,116.24*	
		For Class 54 Rating, Add	*2,913.64*	
		For Class 55 Rating, Add	*4,345.92*	
		For Class 56 Rating, Add	*5,758.95*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,407.40	1,534.88
		For Class 52 Rating, Deduct	*-2,209.00*	
		For Class 54 Rating, Add	*3,040.18*	
		For Class 55 Rating, Add	*4,534.06*	
		For Class 56 Rating, Add	*6,007.86*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,254.94	1,537.74
		For Class 52 Rating, Deduct	*-2,301.75*	
		For Class 54 Rating, Add	*3,166.71*	
		For Class 55 Rating, Add	*4,722.20*	
		For Class 56 Rating, Add	*6,256.76*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,102.51	1,540.60
		For Class 52 Rating, Deduct	*-2,394.51*	
		For Class 54 Rating, Add	*3,293.25*	
		For Class 55 Rating, Add	*4,910.35*	
		For Class 56 Rating, Add	*6,505.67*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,950.07	1,543.46
		For Class 52 Rating, Deduct	*-2,487.27*	
		For Class 54 Rating, Add	*3,419.79*	
		For Class 55 Rating, Add	*5,098.49*	
		For Class 56 Rating, Add	*6,754.58*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,797.62	1,546.32
		For Class 52 Rating, Deduct	*-2,580.02*	
		For Class 54 Rating, Add	*3,546.32*	
		For Class 55 Rating, Add	*5,286.63*	
		For Class 56 Rating, Add	*7,003.49*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,645.19	1,549.17
		For Class 52 Rating, Deduct	*-2,672.77*	
		For Class 54 Rating, Add	*3,672.86*	
		For Class 55 Rating, Add	*5,474.78*	
		For Class 56 Rating, Add	*7,252.40*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,492.73	1,552.03
		For Class 52 Rating, Deduct	*-2,765.53*	
		For Class 54 Rating, Add	*3,799.39*	
		For Class 55 Rating, Add	*5,662.92*	
		For Class 56 Rating, Add	*7,501.30*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,340.29	1,554.89
		For Class 52 Rating, Deduct	*-2,858.28*	
		For Class 54 Rating, Add	*3,925.93*	
		For Class 55 Rating, Add	*5,851.06*	
		For Class 56 Rating, Add	*7,750.21*	
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,187.84	1,557.74
		For Class 52 Rating, Deduct	*-2,951.04*	
		For Class 54 Rating, Add	*4,052.47*	
		For Class 55 Rating, Add	*6,039.20*	
		For Class 56 Rating, Add	*7,999.12*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,035.41	1,560.60
		For Class 52 Rating, Deduct	*-3,043.79*	
		For Class 54 Rating, Add	*4,179.00*	
		For Class 55 Rating, Add	*6,227.35*	
		For Class 56 Rating, Add	*8,248.02*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,882.96	1,563.47
		For Class 52 Rating, Deduct	*-3,136.55*	
		For Class 54 Rating, Add	*4,305.54*	
		For Class 55 Rating, Add	*6,415.49*	
		For Class 56 Rating, Add	*8,496.93*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,730.51	1,566.33
		For Class 52 Rating, Deduct	*-3,229.30*	
		For Class 54 Rating, Add	*4,432.07*	
		For Class 55 Rating, Add	*6,603.63*	
		For Class 56 Rating, Add	*8,745.84*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,578.08	1,569.18
		For Class 52 Rating, Deduct	*-3,322.06*	
		For Class 54 Rating, Add	*4,558.61*	
		For Class 55 Rating, Add	*6,791.78*	
		For Class 56 Rating, Add	*8,994.75*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,425.63	1,572.04
		For Class 52 Rating, Deduct	*-3,414.81*	
		For Class 54 Rating, Add	*4,685.15*	
		For Class 55 Rating, Add	*6,979.92*	
		For Class 56 Rating, Add	*9,243.65*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,273.18	1,574.90
		For Class 52 Rating, Deduct	*-3,507.57*	
		For Class 54 Rating, Add	*4,811.68*	
		For Class 55 Rating, Add	*7,168.07*	
		For Class 56 Rating, Add	*9,492.56*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,120.74	1,577.75
		For Class 52 Rating, Deduct	*-3,600.32*	
		For Class 54 Rating, Add	*4,938.22*	
		For Class 55 Rating, Add	*7,356.21*	
		For Class 56 Rating, Add	*9,741.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,968.30	1,580.61
		For Class 52 Rating, Deduct	*-3,693.08*	
		For Class 54 Rating, Add	*5,064.75*	
		For Class 55 Rating, Add	*7,544.35*	
		For Class 56 Rating, Add	*9,990.38*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,815.85	1,583.47
		For Class 52 Rating, Deduct	*-3,785.83*	
		For Class 54 Rating, Add	*5,191.29*	
		For Class 55 Rating, Add	*7,732.49*	
		For Class 56 Rating, Add	*10,239.28*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,663.41	1,586.33
		For Class 52 Rating, Deduct	*-3,878.59*	
		For Class 54 Rating, Add	*5,317.82*	
		For Class 55 Rating, Add	*7,920.64*	
		For Class 56 Rating, Add	*10,488.19*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,510.97	1,589.18
		For Class 52 Rating, Deduct	*-3,971.34*	
		For Class 54 Rating, Add	*5,444.36*	
		For Class 55 Rating, Add	*8,108.78*	
		For Class 56 Rating, Add	*10,737.10*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,358.52	1,592.05
		For Class 52 Rating, Deduct	*-4,064.10*	
		For Class 54 Rating, Add	*5,570.90*	
		For Class 55 Rating, Add	*8,296.92*	
		For Class 56 Rating, Add	*10,986.01*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,206.08	1,594.91
		For Class 52 Rating, Deduct	*-4,156.85*	
		For Class 54 Rating, Add	*5,697.43*	
		For Class 55 Rating, Add	*8,485.07*	
		For Class 56 Rating, Add	*11,234.91*	
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,053.64	1,597.76
		For Class 52 Rating, Deduct	*-4,249.61*	
		For Class 54 Rating, Add	*5,823.97*	
		For Class 55 Rating, Add	*8,673.21*	
		For Class 56 Rating, Add	*11,483.82*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,815.21	1,880.73
		For Class 52 Rating, Deduct	*-1,096.22*	
		For Class 54 Rating, Add	*1,529.04*	
		For Class 55 Rating, Add	*2,290.72*	
		For Class 56 Rating, Add	*3,042.44*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,079.36	1,883.58
		For Class 52 Rating, Deduct	*-1,234.80*	
		For Class 54 Rating, Add	*1,718.06*	
		For Class 55 Rating, Add	*2,571.77*	
		For Class 56 Rating, Add	*3,414.25*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,328.45	1,886.44
		For Class 52 Rating, Deduct	*-1,371.72*	
		For Class 54 Rating, Add	*1,904.83*	
		For Class 55 Rating, Add	*2,849.45*	
		For Class 56 Rating, Add	*3,781.61*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,590.10	1,889.31
		For Class 52 Rating, Deduct	*-1,510.03*	
		For Class 54 Rating, Add	*2,093.48*	
		For Class 55 Rating, Add	*3,129.94*	
		For Class 56 Rating, Add	*4,152.67*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,839.18	1,892.17
		For Class 52 Rating, Deduct	*-1,646.95*	
		For Class 54 Rating, Add	*2,280.24*	
		For Class 55 Rating, Add	*3,407.62*	
		For Class 56 Rating, Add	*4,520.03*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,103.33	1,895.02
		For Class 52 Rating, Deduct	*-1,785.53*	
		For Class 54 Rating, Add	*2,469.27*	
		For Class 55 Rating, Add	*3,688.67*	
		For Class 56 Rating, Add	*4,891.83*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,349.92	1,897.87
		For Class 52 Rating, Deduct	*-1,922.18*	
		For Class 54 Rating, Add	*2,655.66*	
		For Class 55 Rating, Add	*3,965.79*	
		For Class 56 Rating, Add	*5,258.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,614.07	1,900.74
		For Class 52 Rating, Deduct	*-2,060.76*	
		For Class 54 Rating, Add	*2,844.68*	
		For Class 55 Rating, Add	*4,246.84*	
		For Class 56 Rating, Add	*5,630.25*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,863.16	1,903.60
		For Class 52 Rating, Deduct	*-2,197.68*	
		For Class 54 Rating, Add	*3,031.45*	
		For Class 55 Rating, Add	*4,524.52*	
		For Class 56 Rating, Add	*5,997.62*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,124.81	1,906.45
		For Class 52 Rating, Deduct	*-2,335.99*	
		For Class 54 Rating, Add	*3,220.10*	
		For Class 55 Rating, Add	*4,805.01*	
		For Class 56 Rating, Add	*6,368.68*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,373.90	1,909.31
		For Class 52 Rating, Deduct	*-2,472.91*	
		For Class 54 Rating, Add	*3,406.86*	
		For Class 55 Rating, Add	*5,082.69*	
		For Class 56 Rating, Add	*6,736.04*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,635.54	1,912.17
		For Class 52 Rating, Deduct	*-2,611.21*	
		For Class 54 Rating, Add	*3,595.51*	
		For Class 55 Rating, Add	*5,363.18*	
		For Class 56 Rating, Add	*7,107.10*	
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,884.62	1,915.03
		For Class 52 Rating, Deduct	*-2,748.14*	
		For Class 54 Rating, Add	*3,782.28*	
		For Class 55 Rating, Add	*5,640.86*	
		For Class 56 Rating, Add	*7,474.46*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,136.23	1,917.89
		For Class 52 Rating, Deduct	*-2,885.34*	
		For Class 54 Rating, Add	*3,969.42*	
		For Class 55 Rating, Add	*5,919.11*	
		For Class 56 Rating, Add	*7,842.56*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,395.36	1,920.75
		For Class 52 Rating, Deduct	*-3,023.37*	
		For Class 54 Rating, Add	*4,157.69*	
		For Class 55 Rating, Add	*6,199.03*	
		For Class 56 Rating, Add	*8,212.88*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,644.45	1,923.61
		For Class 52 Rating, Deduct	*-3,160.29*	
		For Class 54 Rating, Add	*4,344.46*	
		For Class 55 Rating, Add	*6,476.72*	
		For Class 56 Rating, Add	*8,580.24*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,908.61	1,926.46
		For Class 52 Rating, Deduct	*-3,298.87*	
		For Class 54 Rating, Add	*4,533.48*	
		For Class 55 Rating, Add	*6,757.76*	
		For Class 56 Rating, Add	*8,952.05*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,157.69	1,929.32
		For Class 52 Rating, Deduct	*-3,435.79*	
		For Class 54 Rating, Add	*4,720.25*	
		For Class 55 Rating, Add	*7,035.45*	
		For Class 56 Rating, Add	*9,319.41*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,419.33	1,932.18
		For Class 52 Rating, Deduct	*-3,574.10*	
		For Class 54 Rating, Add	*4,908.90*	
		For Class 55 Rating, Add	*7,315.93*	
		For Class 56 Rating, Add	*9,690.47*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,668.43	1,935.03
		For Class 52 Rating, Deduct	*-3,711.02*	
		For Class 54 Rating, Add	*5,095.67*	
		For Class 55 Rating, Add	*7,593.62*	
		For Class 56 Rating, Add	*10,057.83*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,932.58	1,937.89
		For Class 52 Rating, Deduct	*-3,849.60*	
		For Class 54 Rating, Add	*5,284.69*	
		For Class 55 Rating, Add	*7,874.66*	
		For Class 56 Rating, Add	*10,429.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,181.66	1,940.76
		For Class 52 Rating, Deduct	*-3,986.52*	
		For Class 54 Rating, Add	*5,471.46*	
		For Class 55 Rating, Add	*8,152.34*	
		For Class 56 Rating, Add	*10,796.99*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,443.30	1,943.62
		For Class 52 Rating, Deduct	*-4,124.83*	
		For Class 54 Rating, Add	*5,660.10*	
		For Class 55 Rating, Add	*8,432.83*	
		For Class 56 Rating, Add	*11,168.05*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,692.40	1,946.46
		For Class 52 Rating, Deduct	*-4,261.75*	
		For Class 54 Rating, Add	*5,846.87*	
		For Class 55 Rating, Add	*8,710.51*	
		For Class 56 Rating, Add	*11,535.42*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,956.55	1,949.32
		For Class 52 Rating, Deduct	*-4,400.33*	
		For Class 54 Rating, Add	*6,035.90*	
		For Class 55 Rating, Add	*8,991.56*	
		For Class 56 Rating, Add	*11,907.22*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,205.64	1,952.19
		For Class 52 Rating, Deduct	*-4,537.26*	
		For Class 54 Rating, Add	*6,222.66*	
		For Class 55 Rating, Add	*9,269.25*	
		For Class 56 Rating, Add	*12,274.58*	
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,464.78	1,955.04
		For Class 52 Rating, Deduct	*-4,675.28*	
		For Class 54 Rating, Add	*6,410.93*	
		For Class 55 Rating, Add	*9,549.17*	
		For Class 56 Rating, Add	*12,644.90*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,716.38	1,957.90
		For Class 52 Rating, Deduct	*-4,812.48*	
		For Class 54 Rating, Add	*6,598.08*	
		For Class 55 Rating, Add	*9,827.42*	
		For Class 56 Rating, Add	*13,013.00*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,714.51	1,960.76
		For Class 52 Rating, Deduct	*-4,921.80*	
		For Class 54 Rating, Add	*6,747.20*	
		For Class 55 Rating, Add	*10,049.14*	
		For Class 56 Rating, Add	*13,306.33*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,227.11	1,963.62
		For Class 52 Rating, Deduct	*-5,087.71*	
		For Class 54 Rating, Add	*6,973.49*	
		For Class 55 Rating, Add	*10,385.58*	
		For Class 56 Rating, Add	*13,751.43*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,476.20	1,966.48
		For Class 52 Rating, Deduct	*-5,224.64*	
		For Class 54 Rating, Add	*7,160.26*	
		For Class 55 Rating, Add	*10,663.27*	
		For Class 56 Rating, Add	*14,118.79*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,737.84	1,969.34
		For Class 52 Rating, Deduct	*-5,362.94*	
		For Class 54 Rating, Add	*7,348.91*	
		For Class 55 Rating, Add	*10,943.75*	
		For Class 56 Rating, Add	*14,489.85*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,986.94	1,972.20
		For Class 52 Rating, Deduct	*-5,499.86*	
		For Class 54 Rating, Add	*7,535.67*	
		For Class 55 Rating, Add	*11,221.44*	
		For Class 56 Rating, Add	*14,857.21*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,251.09	1,975.05
		For Class 52 Rating, Deduct	*-5,638.44*	
		For Class 54 Rating, Add	*7,724.70*	
		For Class 55 Rating, Add	*11,502.48*	
		For Class 56 Rating, Add	*15,229.01*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,497.66	1,977.90
		For Class 52 Rating, Deduct	*-5,775.09*	
		For Class 54 Rating, Add	*7,911.09*	
		For Class 55 Rating, Add	*11,779.61*	
		For Class 56 Rating, Add	*15,595.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,761.81	1,980.77
		For Class 52 Rating, Deduct	*-5,913.67*	
		For Class 54 Rating, Add	*8,100.11*	
		For Class 55 Rating, Add	*12,060.65*	
		For Class 56 Rating, Add	*15,967.43*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,010.91	1,983.63
		For Class 52 Rating, Deduct	*-6,050.60*	
		For Class 54 Rating, Add	*8,286.88*	
		For Class 55 Rating, Add	*12,338.34*	
		For Class 56 Rating, Add	*16,334.79*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,272.55	1,986.48
		For Class 52 Rating, Deduct	*-6,188.90*	
		For Class 54 Rating, Add	*8,475.53*	
		For Class 55 Rating, Add	*12,618.82*	
		For Class 56 Rating, Add	*16,705.86*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,541.05	2,363.77
		For Class 52 Rating, Deduct	*-1,425.55*	
		For Class 54 Rating, Add	*1,986.91*	
		For Class 55 Rating, Add	*2,975.94*	
		For Class 56 Rating, Add	*3,952.01*	
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,379.89	2,366.63
		For Class 52 Rating, Deduct	*-1,627.35*	
		For Class 54 Rating, Add	*2,262.14*	
		For Class 55 Rating, Add	*3,385.14*	
		For Class 56 Rating, Add	*4,493.35*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,216.24	2,369.50
		For Class 52 Rating, Deduct	*-1,828.87*	
		For Class 54 Rating, Add	*2,537.00*	
		For Class 55 Rating, Add	*3,793.78*	
		For Class 56 Rating, Add	*5,033.94*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,067.64	2,372.35
		For Class 52 Rating, Deduct	*-2,032.05*	
		For Class 54 Rating, Add	*2,814.11*	
		For Class 55 Rating, Add	*4,205.78*	
		For Class 56 Rating, Add	*5,578.99*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,906.48	2,375.20
		For Class 52 Rating, Deduct	*-2,233.84*	
		For Class 54 Rating, Add	*3,089.34*	
		For Class 55 Rating, Add	*4,614.98*	
		For Class 56 Rating, Add	*6,120.32*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,745.33	2,378.06
		For Class 52 Rating, Deduct	*-2,435.64*	
		For Class 54 Rating, Add	*3,364.57*	
		For Class 55 Rating, Add	*5,024.19*	
		For Class 56 Rating, Add	*6,661.66*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,594.22	2,380.93
		For Class 52 Rating, Deduct	*-2,638.54*	
		For Class 54 Rating, Add	*3,641.30*	
		For Class 55 Rating, Add	*5,435.63*	
		For Class 56 Rating, Add	*7,205.96*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,435.57	2,383.78
		For Class 52 Rating, Deduct	*-2,840.62*	
		For Class 54 Rating, Add	*3,916.91*	
		For Class 55 Rating, Add	*5,845.39*	
		For Class 56 Rating, Add	*7,748.04*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,271.92	2,386.64
		For Class 52 Rating, Deduct	*-3,042.14*	
		For Class 54 Rating, Add	*4,191.76*	
		For Class 55 Rating, Add	*6,254.03*	
		For Class 56 Rating, Add	*8,288.64*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,123.31	2,389.50
		For Class 52 Rating, Deduct	*-3,245.31*	
		For Class 54 Rating, Add	*4,468.87*	
		For Class 55 Rating, Add	*6,666.03*	
		For Class 56 Rating, Add	*8,833.68*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,962.16	2,392.37
		For Class 52 Rating, Deduct	*-3,447.11*	
		For Class 54 Rating, Add	*4,744.10*	
		For Class 55 Rating, Add	*7,075.23*	
		For Class 56 Rating, Add	*9,375.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,813.55	2,395.21
		For Class 52 Rating, Deduct	*-3,650.29*	
		For Class 54 Rating, Add	*5,021.22*	
		For Class 55 Rating, Add	*7,487.23*	
		For Class 56 Rating, Add	*9,920.06*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,649.90	2,398.07
		For Class 52 Rating, Deduct	*-3,851.81*	
		For Class 54 Rating, Add	*5,296.07*	
		For Class 55 Rating, Add	*7,895.87*	
		For Class 56 Rating, Add	*10,460.66*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,488.74	2,400.93
		For Class 52 Rating, Deduct	*-4,053.61*	
		For Class 54 Rating, Add	*5,571.30*	
		For Class 55 Rating, Add	*8,305.07*	
		For Class 56 Rating, Add	*11,002.00*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,340.13	2,403.79
		For Class 52 Rating, Deduct	*-4,256.78*	
		For Class 54 Rating, Add	*5,848.41*	
		For Class 55 Rating, Add	*8,717.07*	
		For Class 56 Rating, Add	*11,547.03*	
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,178.99	2,406.65
		For Class 52 Rating, Deduct	*-4,458.58*	
		For Class 54 Rating, Add	*6,123.64*	
		For Class 55 Rating, Add	*9,126.27*	
		For Class 56 Rating, Add	*12,088.37*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,015.33	2,409.51
		For Class 52 Rating, Deduct	*-4,660.10*	
		For Class 54 Rating, Add	*6,398.49*	
		For Class 55 Rating, Add	*9,534.92*	
		For Class 56 Rating, Add	*12,628.97*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,866.72	2,412.37
		For Class 52 Rating, Deduct	*-4,863.28*	
		For Class 54 Rating, Add	*6,675.60*	
		For Class 55 Rating, Add	*9,946.91*	
		For Class 56 Rating, Add	*13,174.01*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,705.57	2,415.22
		For Class 52 Rating, Deduct	*-5,065.08*	
		For Class 54 Rating, Add	*6,950.83*	
		For Class 55 Rating, Add	*10,356.12*	
		For Class 56 Rating, Add	*13,715.35*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,541.91	2,418.08
		For Class 52 Rating, Deduct	*-5,266.60*	
		For Class 54 Rating, Add	*7,225.69*	
		For Class 55 Rating, Add	*10,764.76*	
		For Class 56 Rating, Add	*14,255.95*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,393.30	2,420.94
		For Class 52 Rating, Deduct	*-5,469.77*	
		For Class 54 Rating, Add	*7,502.80*	
		For Class 55 Rating, Add	*11,176.76*	
		For Class 56 Rating, Add	*14,800.99*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,234.66	2,423.80
		For Class 52 Rating, Deduct	*-5,671.85*	
		For Class 54 Rating, Add	*7,778.41*	
		For Class 55 Rating, Add	*11,586.52*	
		For Class 56 Rating, Add	*15,343.07*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,071.00	2,426.65
		For Class 52 Rating, Deduct	*-5,873.37*	
		For Class 54 Rating, Add	*8,053.26*	
		For Class 55 Rating, Add	*11,995.16*	
		For Class 56 Rating, Add	*15,883.67*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,922.40	2,429.51
		For Class 52 Rating, Deduct	*-6,076.55*	
		For Class 54 Rating, Add	*8,330.37*	
		For Class 55 Rating, Add	*12,407.16*	
		For Class 56 Rating, Add	*16,428.71*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,761.24	2,432.38
		For Class 52 Rating, Deduct	*-6,278.34*	
		For Class 54 Rating, Add	*8,605.60*	
		For Class 55 Rating, Add	*12,816.36*	
		For Class 56 Rating, Add	*16,970.04*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,597.59	2,435.23
		For Class 52 Rating, Deduct	*-6,479.86*	
		For Class 54 Rating, Add	*8,880.45*	
		For Class 55 Rating, Add	*13,225.00*	
		For Class 56 Rating, Add	*17,510.64*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,448.98	2,438.09
		For Class 52 Rating, Deduct	*-6,683.04*	
		For Class 54 Rating, Add	*9,157.57*	
		For Class 55 Rating, Add	*13,637.00*	
		For Class 56 Rating, Add	*18,055.68*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,287.82	2,440.95
		For Class 52 Rating, Deduct	*-6,884.84*	
		For Class 54 Rating, Add	*9,432.79*	
		For Class 55 Rating, Add	*14,046.20*	
		For Class 56 Rating, Add	*18,597.02*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,900.82	2,443.81
		For Class 52 Rating, Deduct	*-7,061.79*	
		For Class 54 Rating, Add	*9,674.14*	
		For Class 55 Rating, Add	*14,405.04*	
		For Class 56 Rating, Add	*19,071.73*	
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,978.08	2,446.66
		For Class 52 Rating, Deduct	*-7,289.81*	
		For Class 54 Rating, Add	*9,985.14*	
		For Class 55 Rating, Add	*14,867.40*	
		For Class 56 Rating, Add	*19,683.40*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,814.41	2,449.52
		For Class 52 Rating, Deduct	*-7,491.33*	
		For Class 54 Rating, Add	*10,259.99*	
		For Class 55 Rating, Add	*15,276.05*	
		For Class 56 Rating, Add	*20,224.00*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	73,668.32	2,452.38
		For Class 52 Rating, Deduct	*-7,694.78*	
		For Class 54 Rating, Add	*10,537.48*	
		For Class 55 Rating, Add	*15,688.61*	
		For Class 56 Rating, Add	*20,769.78*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,504.66	2,455.23
		For Class 52 Rating, Deduct	*-7,896.31*	
		For Class 54 Rating, Add	*10,812.33*	
		For Class 55 Rating, Add	*16,097.25*	
		For Class 56 Rating, Add	*21,310.38*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	77,341.00	2,458.10
		For Class 52 Rating, Deduct	*-8,097.83*	
		For Class 54 Rating, Add	*11,087.18*	
		For Class 55 Rating, Add	*16,505.89*	
		For Class 56 Rating, Add	*21,850.98*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	79,194.90	2,460.96
		For Class 52 Rating, Deduct	*-8,301.28*	
		For Class 54 Rating, Add	*11,364.67*	
		For Class 55 Rating, Add	*16,918.45*	
		For Class 56 Rating, Add	*22,396.76*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	81,031.24	2,463.82
		For Class 52 Rating, Deduct	*-8,502.80*	
		For Class 54 Rating, Add	*11,639.53*	
		For Class 55 Rating, Add	*17,327.09*	
		For Class 56 Rating, Add	*22,937.36*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,870.09	2,466.67
		For Class 52 Rating, Deduct	*-8,704.60*	
		For Class 54 Rating, Add	*11,914.76*	
		For Class 55 Rating, Add	*17,736.29*	
		For Class 56 Rating, Add	*23,478.70*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	84,721.48	2,469.52
		For Class 52 Rating, Deduct	*-8,907.77*	
		For Class 54 Rating, Add	*12,191.87*	
		For Class 55 Rating, Add	*18,148.29*	
		For Class 56 Rating, Add	*24,023.73*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	413.79	137.90
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	584.20	176.34
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	824.52	199.75
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,212.11	253.23
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,505.12	280.81
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,882.78	305.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,319.40	376.09
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,049.45	451.31
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,754.59	568.31
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,745.23	643.52
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,697.03	852.46
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	13,782.82	965.29
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	23,161.32	1,103.19
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	30,856.50	1,353.91

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	391.36	137.90
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	548.31	176.34
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	733.30	199.75
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,080.52	253.23
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,337.64	280.81
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,541.84	305.05
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,942.57	376.09
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,542.52	451.31
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,292.53	568.31
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,351.55	643.52
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,677.19	852.46
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	13,038.13	965.29
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	19,959.75	1,103.19
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	27,234.74	1,353.91

40 05 19 00-1610 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	389.87	137.90
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	536.34	176.34
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	722.84	199.75
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,050.61	253.23
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,403.44	280.81
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,749.69	305.05
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,988.93	376.09
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,599.35	451.31
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,539.26	568.31
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,913.81	643.52
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,777.38	852.46
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	13,268.42	965.29
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	20,418.83	1,103.19
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	27,832.88	1,353.91

40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	427.25	137.90
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	606.63	176.34
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	752.74	199.75
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,156.78	253.23
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,599.33	280.81
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,800.54	305.05
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,201.27	376.09
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,599.35	451.31
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,539.26	568.31
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,115.68	643.52
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,877.57	852.46
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	13,367.11	965.29
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	20,523.50	1,103.19
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	28,043.73	1,353.91

40 05 19 00-1640 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	553.58	157.12
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	686.45	168.82
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	773.89	188.04
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,041.00	195.56
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,098.54	214.79
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,201.50	226.49
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,119.35	209.77
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,262.12	228.99
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,453.30	240.69
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,547.67	267.44
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,453.30	240.69
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,611.61	252.40
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,795.68	279.14
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,989.18	293.34
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,676.10	276.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,808.97	287.92
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,078.29	314.66
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,269.65	328.45
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,431.57	340.57
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,961.88	313.82
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,351.94	325.53
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,420.88	352.27
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,556.92	366.05
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,775.67	378.18
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,026.86	413.70
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,535.01	372.33
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,706.77	384.03
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,361.88	410.77
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,488.94	424.55
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,851.23	436.68
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,762.99	472.20
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,005.40	509.81
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,575.94	409.94
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,749.19	421.63
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,034.95	448.38
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,241.27	462.17
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,628.98	474.29
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,989.35	509.81
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,107.64	547.41
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,375.10	541.36
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,397.35	566.63
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,811.98	578.76
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,682.27	614.28
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,935.54	651.88
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,335.61	710.38
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,915.97	747.99
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,826.05	623.04
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,446.35	635.17
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,294.50	670.69
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,150.80	708.30
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,615.87	766.80
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,667.28	804.40
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,510.43	908.88
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,648.10	704.12
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,185.22	739.64
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,777.63	777.25
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,487.95	835.75
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,252.55	873.36
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,976.87	977.83
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,413.53	1,034.24
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,321.32	1,009.16
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	26,448.99	1,113.63
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	27,222.32	1,170.04
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	34,832.00	1,238.99
40 05 19 00-1705		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	496.04	137.90
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	768.13	176.34
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,132.56	199.75
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,612.87	253.23
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,284.20	280.81
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,664.86	305.05
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,458.87	376.09
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,286.11	451.31
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,848.10	568.31
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,607.35	643.52
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,174.53	852.46
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	23,127.33	965.29
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	35,894.31	1,103.19
40 05 19 00-1719		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*		
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	524.45	137.90
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	712.80	176.34
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,171.44	199.75
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,584.45	253.23
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,133.17	280.81
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,521.30	305.05
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,114.93	376.09
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,915.26	451.31
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,169.20	568.31
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,315.36	643.52
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	12,008.86	852.46
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,192.24	965.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	31,988.43	1,103.19
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	34,479.76	1,353.91
40 05 19 00-1734		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees** *(40 05 19 00-0001)*		
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	709.40	221.47
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	879.36	272.45
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,240.01	304.21
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,783.28	395.31
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,376.05	431.24
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,189.56	463.83
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,609.45	585.02
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,404.50	668.60
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,555.68	844.10
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	8,203.83	931.86
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	13,983.23	1,287.05
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	20,182.30	1,475.09
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	41,834.91	1,704.93
40 05 19 00-1748		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	890.72	247.38
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,106.17	252.40
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,103.45	284.16
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,462.22	279.14
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,441.54	310.90
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,519.79	330.96
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,857.59	293.34
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,850.37	325.10
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,954.03	345.16
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,328.17	409.51
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,715.70	305.05
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,654.66	336.81
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,771.78	356.86
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,924.62	421.22
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,101.73	443.37
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,295.88	340.57
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,032.97	372.33
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,982.61	392.38
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,500.31	456.74
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,394.80	478.88
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,787.69	499.35
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,033.26	378.18
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,031.63	409.94
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,655.68	429.99
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,664.95	494.35
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,990.11	516.50
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,357.59	536.96
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,659.35	622.63
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,939.94	436.68
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,466.10	468.44
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,557.79	488.50
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,748.02	552.85
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,934.09	575.00
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,996.53	595.47
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,019.05	681.13
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,150.00	727.10
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,920.97	474.29
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,107.76	506.04
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,340.03	526.11
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,549.69	590.45
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,223.25	612.60
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,376.90	633.08
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,587.44	718.74
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,668.35	764.71
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,964.64	817.16
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,522.24	610.52
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,584.03	630.57
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,880.42	694.93
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,913.98	717.07
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,945.00	737.54
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,173.49	823.21
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,308.94	869.18
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,649.20	986.18
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,925.25	1,036.33
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,512.98	873.77
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,528.46	889.66
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,630.37	935.20
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,756.29	953.16
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,813.87	969.46
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,971.47	1,030.06
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,067.69	1,071.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,332.23	1,159.60
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,696.29	1,203.47
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	21,876.14	1,381.07
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	26,005.72	755.93
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,507.28	820.29
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,540.83	842.43
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,606.25	862.90
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,806.32	948.57
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,052.41	994.54
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,229.70	1,111.54
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,586.80	1,161.69
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,155.98	1,412.41
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	40,043.47	1,544.04
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,836.50	978.24
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,867.52	998.72
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,101.99	1,084.38
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,171.64	1,130.35
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,487.98	1,247.35
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,810.69	1,297.49
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,684.05	1,548.22

40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-0001)*

40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	766.22	221.47
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,042.36	272.45
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,521.14	304.21
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,314.13	395.31
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,111.77	431.24
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,476.67	463.83
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,315.26	585.02
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,243.39	668.60
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	7,003.19	844.10
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	10,090.97	931.86
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	16,921.61	1,287.05
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	24,128.56	1,475.09

40 05 19 00-1843 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-0001)*

40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	622.67	221.47
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	871.89	272.45
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,262.44	304.21
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,659.16	395.31
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,368.58	431.24
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	3,075.92	463.83

40 05 19 00-1850 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-0001)*

40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	855.47	305.05
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,130.36	330.53
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,196.95	368.57
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,395.79	335.97
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,521.23	380.27
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,574.76	408.68
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,807.17	362.72
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,989.42	407.01
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,176.03	435.42
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,701.36	537.39
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,342.46	376.51
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,466.40	420.79
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,654.50	449.22
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,208.25	551.17
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,019.70	581.68
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,942.35	432.92
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,128.95	461.33
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,483.81	563.29
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,788.73	593.80
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,974.47	622.63
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,512.06	468.44
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,725.59	496.85
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,080.44	598.81
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,413.77	629.32
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,160.67	658.15
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,005.67	793.96
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,655.77	506.04
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,867.80	534.46
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,165.85	636.43
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,497.68	666.93
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,169.41	695.76
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,633.88	831.57
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,888.15	885.89
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,765.74	564.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,992.72	592.96
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,269.83	694.93
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,624.10	725.43
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,729.09	754.26
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,981.62	890.07
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,247.85	944.40
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,945.93	1,119.90
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,300.14	602.15
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,464.32	630.57
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,834.13	732.53
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,065.77	763.04
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,202.18	791.87
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,623.28	927.68
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,891.80	982.00
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,457.67	1,092.95
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,513.28	1,220.19
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,636.87	867.51
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,713.45	896.34
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,149.51	1,032.15
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,297.62	1,086.47
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,926.91	1,261.97
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,814.11	1,324.66
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,094.88	1,721.63
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,443.29	1,103.61
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,480.65	1,128.26
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,848.80	1,238.99
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,989.08	1,289.14
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,508.26	1,435.40
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,121.59	1,491.81
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,512.97	1,815.66
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,879.35	1,984.90
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,296.63	992.87
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,340.31	1,021.70
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,756.92	1,157.51
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,873.63	1,211.83
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,456.56	1,387.34
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,079.39	1,450.02
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,573.00	1,847.00
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	46,408.54	2,053.85
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,375.62	2,306.66
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,598.59	1,157.51
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,016.70	1,293.32
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,133.41	1,347.64
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,680.45	1,523.15
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,303.28	1,585.83
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,854.32	1,982.81
40 05 19 00-1931		Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*		
40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	456.38	157.12
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	583.27	168.82
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	642.30	188.04
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	785.29	195.56
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	791.99	214.79
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	926.35	226.49
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,004.21	209.77
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,037.82	228.99
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,137.78	240.69
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,280.00	267.44
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,573.16	228.99
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,251.43	240.69
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,384.31	252.40
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,522.03	279.14
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,479.26	293.34
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,862.31	256.99
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,507.12	276.21
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,423.17	287.92
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,586.32	314.66
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,967.59	328.45
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,117.54	340.57
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,356.65	313.82
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,865.95	325.53
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,050.04	352.27
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,036.53	366.05
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,345.00	378.18
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,340.49	413.70
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,410.90	372.33
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,337.41	384.03
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,531.95	410.77
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,467.61	424.55
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,849.34	436.68
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,672.88	472.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,298.09	509.81
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,163.01	421.63
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,572.88	448.38
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,843.51	462.17
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,945.60	474.29
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,489.50	509.81
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,214.92	547.41
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,452.46	541.36
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,074.76	614.28
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,330.62	651.88
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,815.53	710.38
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,531.97	747.99
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,304.57	670.69
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,723.43	708.30
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,274.14	766.80
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,090.77	804.40
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,633.75	908.88
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,126.54	873.36
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	15,971.59	977.83
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,062.34	1,034.24
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,954.07	1,009.16
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	20,152.03	1,113.63
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	22,523.90	1,170.04
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,231.79	1,238.99

40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	496.76	157.12
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	629.63	168.82
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	715.57	188.04
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	785.29	195.56
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	841.34	214.79
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	972.71	226.49
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,004.21	209.77
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,091.65	228.99
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,194.60	240.69
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,378.69	267.44
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,251.43	240.69
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,355.90	252.40
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,511.56	279.14
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,731.97	293.34
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,507.12	276.21
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,637.00	287.92
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,821.09	314.66
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,013.95	328.45
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,117.54	340.57
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,865.95	325.53
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,050.04	352.27
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,242.89	366.05
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,345.00	378.18
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,570.78	413.70
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,730.91	372.33
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,491.43	384.03
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,531.95	410.77
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,768.18	424.55
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,849.34	436.68
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,115.50	472.20
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,296.60	509.81
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,471.05	421.63
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,572.88	448.38
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,655.09	462.17
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,734.75	474.29
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,005.40	509.81
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,214.92	547.41
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,452.46	541.36
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,275.55	578.76
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,097.58	614.28
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,363.52	651.88
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,815.53	710.38
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,531.97	747.99
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,370.37	670.69
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,723.43	708.30
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,241.24	766.80
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,054.88	804.40
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,600.86	908.88
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,126.54	873.36
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,934.12	977.83
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,062.34	1,034.24
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	20,152.03	1,113.63
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	22,523.90	1,170.04
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,231.79	1,238.99

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2044		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges** *(40 05 19 00-0001)*		
40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	176.52	54.32
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	265.11	80.23
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	385.11	95.28
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	530.30	111.15
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	685.03	130.38
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	906.47	146.26
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,083.17	167.15
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,467.11	234.01
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,949.03	292.51
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,778.22	355.19
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,919.59	413.70
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	7,009.51	455.48
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	9,887.45	501.45
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	13,070.34	564.13
40 05 19 00-2059		**Flanged End (FxF), Ductile Iron Flexible Ball Joint** *(40 05 19 00-0001)* Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.		
40 05 19 00-2060	EA	3" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,130.41	105.06
40 05 19 00-2061	EA	4" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,312.34	123.26
40 05 19 00-2062	EA	6" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,084.56	154.08
40 05 19 00-2063	EA	8" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,763.63	176.10
40 05 19 00-2064	EA	10" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	3,817.38	265.21
40 05 19 00-2065	EA	12" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	4,991.01	289.32
40 05 19 00-2066	EA	14" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	5,780.33	318.25
40 05 19 00-2067	EA	16" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	6,425.05	353.57
40 05 19 00-2068	EA	18" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,190.43	397.81
40 05 19 00-2069	EA	20" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,390.99	454.59
40 05 19 00-2070	EA	24" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	16,405.15	530.42
40 05 19 00-2071	EA	30" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	57,408.60	636.49
40 05 19 00-2072	EA	36" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	81,508.13	795.62
40 05 19 00-2073		**Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping** *(40 05 19)* Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.		
40 05 19 00-2074		**Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2073)*		
40 05 19 00-2075		**4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2074)*		
40 05 19 00-2076	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,174.44	239.03
		For Class 52 Rating, Deduct	*-89.35*	
		For Class 54 Rating, Add	*126.19*	
		For Class 55 Rating, Add	*189.83*	
		For Class 56 Rating, Add	*252.66*	
40 05 19 00-2077	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,296.37	243.20
		For Class 52 Rating, Deduct	*-102.07*	
		For Class 54 Rating, Add	*143.60*	
		For Class 55 Rating, Add	*215.76*	
		For Class 56 Rating, Add	*286.99*	
40 05 19 00-2078	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,418.31	247.38
		For Class 52 Rating, Deduct	*-114.78*	
		For Class 54 Rating, Add	*161.02*	
		For Class 55 Rating, Add	*241.69*	
		For Class 56 Rating, Add	*321.32*	
40 05 19 00-2079	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,540.24	251.56
		For Class 52 Rating, Deduct	*-127.50*	
		For Class 54 Rating, Add	*178.44*	
		For Class 55 Rating, Add	*267.62*	
		For Class 56 Rating, Add	*355.65*	
40 05 19 00-2080	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,662.18	255.73
		For Class 52 Rating, Deduct	*-140.22*	
		For Class 54 Rating, Add	*195.85*	
		For Class 55 Rating, Add	*293.56*	
		For Class 56 Rating, Add	*389.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2081	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,784.12	259.92
		For Class 52 Rating, Deduct	*-152.93*	
		For Class 54 Rating, Add	*213.27*	
		For Class 55 Rating, Add	*319.49*	
		For Class 56 Rating, Add	*424.32*	
40 05 19 00-2082	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,906.06	264.10
		For Class 52 Rating, Deduct	*-165.65*	
		For Class 54 Rating, Add	*230.69*	
		For Class 55 Rating, Add	*345.42*	
		For Class 56 Rating, Add	*458.65*	
40 05 19 00-2083	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,027.99	268.27
		For Class 52 Rating, Deduct	*-178.37*	
		For Class 54 Rating, Add	*248.10*	
		For Class 55 Rating, Add	*371.35*	
		For Class 56 Rating, Add	*492.98*	
40 05 19 00-2084	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,149.93	272.45
		For Class 52 Rating, Deduct	*-191.08*	
		For Class 54 Rating, Add	*265.52*	
		For Class 55 Rating, Add	*397.29*	
		For Class 56 Rating, Add	*527.31*	
40 05 19 00-2085	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,271.86	276.64
		For Class 52 Rating, Deduct	*-203.80*	
		For Class 54 Rating, Add	*282.94*	
		For Class 55 Rating, Add	*423.22*	
		For Class 56 Rating, Add	*561.64*	
40 05 19 00-2086	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,393.80	280.81
		For Class 52 Rating, Deduct	*-216.52*	
		For Class 54 Rating, Add	*300.36*	
		For Class 55 Rating, Add	*449.15*	
		For Class 56 Rating, Add	*595.97*	
40 05 19 00-2087	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,515.74	284.99
		For Class 52 Rating, Deduct	*-229.23*	
		For Class 54 Rating, Add	*317.77*	
		For Class 55 Rating, Add	*475.08*	
		For Class 56 Rating, Add	*630.30*	
40 05 19 00-2088	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,637.68	289.17
		For Class 52 Rating, Deduct	*-241.95*	
		For Class 54 Rating, Add	*335.19*	
		For Class 55 Rating, Add	*501.01*	
		For Class 56 Rating, Add	*664.64*	
40 05 19 00-2089	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,759.61	293.34
		For Class 52 Rating, Deduct	*-254.67*	
		For Class 54 Rating, Add	*352.60*	
		For Class 55 Rating, Add	*526.94*	
		For Class 56 Rating, Add	*698.97*	
40 05 19 00-2090	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,881.55	297.53
		For Class 52 Rating, Deduct	*-267.38*	
		For Class 54 Rating, Add	*370.02*	
		For Class 55 Rating, Add	*552.88*	
		For Class 56 Rating, Add	*733.30*	
40 05 19 00-2091	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,003.48	301.70
		For Class 52 Rating, Deduct	*-280.10*	
		For Class 54 Rating, Add	*387.44*	
		For Class 55 Rating, Add	*578.81*	
		For Class 56 Rating, Add	*767.63*	
40 05 19 00-2092	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,125.42	305.88
		For Class 52 Rating, Deduct	*-292.82*	
		For Class 54 Rating, Add	*404.86*	
		For Class 55 Rating, Add	*604.74*	
		For Class 56 Rating, Add	*801.96*	
40 05 19 00-2093	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,247.36	310.06
		For Class 52 Rating, Deduct	*-305.53*	
		For Class 54 Rating, Add	*422.27*	
		For Class 55 Rating, Add	*630.67*	
		For Class 56 Rating, Add	*836.30*	
40 05 19 00-2094	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,369.30	314.24
		For Class 52 Rating, Deduct	*-318.25*	
		For Class 54 Rating, Add	*439.69*	
		For Class 55 Rating, Add	*656.60*	
		For Class 56 Rating, Add	*870.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2095	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,491.24	318.42
		For Class 52 Rating, Deduct	*-330.97*	
		For Class 54 Rating, Add	*457.11*	
		For Class 55 Rating, Add	*682.54*	
		For Class 56 Rating, Add	*904.96*	
40 05 19 00-2096	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,613.17	322.60
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*474.52*	
		For Class 55 Rating, Add	*708.47*	
		For Class 56 Rating, Add	*939.29*	
40 05 19 00-2097	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,735.11	326.77
		For Class 52 Rating, Deduct	*-356.40*	
		For Class 54 Rating, Add	*491.94*	
		For Class 55 Rating, Add	*734.40*	
		For Class 56 Rating, Add	*973.62*	
40 05 19 00-2098	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,857.04	330.96
		For Class 52 Rating, Deduct	*-369.11*	
		For Class 54 Rating, Add	*509.36*	
		For Class 55 Rating, Add	*760.33*	
		For Class 56 Rating, Add	*1,007.95*	
40 05 19 00-2099	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,978.97	335.14
		For Class 52 Rating, Deduct	*-381.83*	
		For Class 54 Rating, Add	*526.77*	
		For Class 55 Rating, Add	*786.26*	
		For Class 56 Rating, Add	*1,042.28*	
40 05 19 00-2100	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,100.91	339.31
		For Class 52 Rating, Deduct	*-394.55*	
		For Class 54 Rating, Add	*544.19*	
		For Class 55 Rating, Add	*812.20*	
		For Class 56 Rating, Add	*1,076.61*	
40 05 19 00-2101	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,222.85	343.49
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*561.61*	
		For Class 55 Rating, Add	*838.13*	
		For Class 56 Rating, Add	*1,110.95*	
40 05 19 00-2102	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,344.78	347.67
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*579.02*	
		For Class 55 Rating, Add	*864.06*	
		For Class 56 Rating, Add	*1,145.28*	
40 05 19 00-2103	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,466.72	351.85
		For Class 52 Rating, Deduct	*-432.70*	
		For Class 54 Rating, Add	*596.44*	
		For Class 55 Rating, Add	*889.99*	
		For Class 56 Rating, Add	*1,179.61*	
40 05 19 00-2104	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,588.65	356.03
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*613.86*	
		For Class 55 Rating, Add	*915.92*	
		For Class 56 Rating, Add	*1,213.94*	
40 05 19 00-2105	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,710.59	360.20
		For Class 52 Rating, Deduct	*-458.13*	
		For Class 54 Rating, Add	*631.27*	
		For Class 55 Rating, Add	*941.86*	
		For Class 56 Rating, Add	*1,248.27*	
40 05 19 00-2106	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,832.53	364.38
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*648.69*	
		For Class 55 Rating, Add	*967.79*	
		For Class 56 Rating, Add	*1,282.60*	
40 05 19 00-2107	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,954.47	368.57
		For Class 52 Rating, Deduct	*-483.56*	
		For Class 54 Rating, Add	*666.11*	
		For Class 55 Rating, Add	*993.72*	
		For Class 56 Rating, Add	*1,316.94*	
40 05 19 00-2108	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,076.40	372.74
		For Class 52 Rating, Deduct	*-496.28*	
		For Class 54 Rating, Add	*683.52*	
		For Class 55 Rating, Add	*1,019.65*	
		For Class 56 Rating, Add	*1,351.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2109	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,198.34	376.92
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*700.94*	
		For Class 55 Rating, Add	*1,045.58*	
		For Class 56 Rating, Add	*1,385.60*	
40 05 19 00-2110	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,320.27	381.10
		For Class 52 Rating, Deduct	*-521.71*	
		For Class 54 Rating, Add	*718.36*	
		For Class 55 Rating, Add	*1,071.51*	
		For Class 56 Rating, Add	*1,419.93*	
40 05 19 00-2111	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,442.21	385.28
		For Class 52 Rating, Deduct	*-534.43*	
		For Class 54 Rating, Add	*735.77*	
		For Class 55 Rating, Add	*1,097.45*	
		For Class 56 Rating, Add	*1,454.26*	
40 05 19 00-2112	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,564.14	389.46
		For Class 52 Rating, Deduct	*-547.15*	
		For Class 54 Rating, Add	*753.19*	
		For Class 55 Rating, Add	*1,123.38*	
		For Class 56 Rating, Add	*1,488.59*	
40 05 19 00-2113	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,686.09	393.64
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*770.61*	
		For Class 55 Rating, Add	*1,149.31*	
		For Class 56 Rating, Add	*1,522.92*	
40 05 19 00-2114	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,808.02	397.81
		For Class 52 Rating, Deduct	*-572.58*	
		For Class 54 Rating, Add	*788.02*	
		For Class 55 Rating, Add	*1,175.24*	
		For Class 56 Rating, Add	*1,557.25*	

40 05 19 00-2115 6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2116	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,468.93	300.86
		For Class 52 Rating, Deduct	*-111.44*	
		For Class 54 Rating, Add	*157.43*	
		For Class 55 Rating, Add	*236.86*	
		For Class 56 Rating, Add	*315.27*	
40 05 19 00-2117	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,609.11	305.05
		For Class 52 Rating, Deduct	*-126.16*	
		For Class 54 Rating, Add	*177.58*	
		For Class 55 Rating, Add	*266.86*	
		For Class 56 Rating, Add	*354.98*	
40 05 19 00-2118	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,749.31	309.23
		For Class 52 Rating, Deduct	*-140.89*	
		For Class 54 Rating, Add	*197.74*	
		For Class 55 Rating, Add	*296.86*	
		For Class 56 Rating, Add	*394.70*	
40 05 19 00-2119	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,889.50	313.40
		For Class 52 Rating, Deduct	*-155.61*	
		For Class 54 Rating, Add	*217.89*	
		For Class 55 Rating, Add	*326.86*	
		For Class 56 Rating, Add	*434.41*	
40 05 19 00-2120	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,029.69	317.58
		For Class 52 Rating, Deduct	*-170.34*	
		For Class 54 Rating, Add	*238.05*	
		For Class 55 Rating, Add	*356.86*	
		For Class 56 Rating, Add	*474.13*	
40 05 19 00-2121	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,169.88	321.77
		For Class 52 Rating, Deduct	*-185.06*	
		For Class 54 Rating, Add	*258.20*	
		For Class 55 Rating, Add	*386.87*	
		For Class 56 Rating, Add	*513.85*	
40 05 19 00-2122	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,310.07	325.94
		For Class 52 Rating, Deduct	*-199.78*	
		For Class 54 Rating, Add	*278.36*	
		For Class 55 Rating, Add	*416.87*	
		For Class 56 Rating, Add	*553.56*	
40 05 19 00-2123	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,450.26	330.12
		For Class 52 Rating, Deduct	*-214.51*	
		For Class 54 Rating, Add	*298.51*	
		For Class 55 Rating, Add	*446.87*	
		For Class 56 Rating, Add	*593.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2124	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,590.45	334.30
		For Class 52 Rating, Deduct	*-229.23*	
		For Class 54 Rating, Add	*318.67*	
		For Class 55 Rating, Add	*476.87*	
		For Class 56 Rating, Add	*632.99*	
40 05 19 00-2125	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,730.64	338.48
		For Class 52 Rating, Deduct	*-243.96*	
		For Class 54 Rating, Add	*338.82*	
		For Class 55 Rating, Add	*506.88*	
		For Class 56 Rating, Add	*672.71*	
40 05 19 00-2126	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,870.83	342.66
		For Class 52 Rating, Deduct	*-258.68*	
		For Class 54 Rating, Add	*358.98*	
		For Class 55 Rating, Add	*536.88*	
		For Class 56 Rating, Add	*712.43*	
40 05 19 00-2127	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,011.02	346.83
		For Class 52 Rating, Deduct	*-273.41*	
		For Class 54 Rating, Add	*379.13*	
		For Class 55 Rating, Add	*566.88*	
		For Class 56 Rating, Add	*752.14*	
40 05 19 00-2128	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,151.21	351.01
		For Class 52 Rating, Deduct	*-288.13*	
		For Class 54 Rating, Add	*399.29*	
		For Class 55 Rating, Add	*596.88*	
		For Class 56 Rating, Add	*791.86*	
40 05 19 00-2129	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,291.40	355.19
		For Class 52 Rating, Deduct	*-302.86*	
		For Class 54 Rating, Add	*419.44*	
		For Class 55 Rating, Add	*626.89*	
		For Class 56 Rating, Add	*831.58*	
40 05 19 00-2130	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,431.60	359.37
		For Class 52 Rating, Deduct	*-317.58*	
		For Class 54 Rating, Add	*439.60*	
		For Class 55 Rating, Add	*656.89*	
		For Class 56 Rating, Add	*871.29*	
40 05 19 00-2131	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,571.78	363.55
		For Class 52 Rating, Deduct	*-332.30*	
		For Class 54 Rating, Add	*459.75*	
		For Class 55 Rating, Add	*686.89*	
		For Class 56 Rating, Add	*911.01*	
40 05 19 00-2132	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,711.97	367.73
		For Class 52 Rating, Deduct	*-347.03*	
		For Class 54 Rating, Add	*479.91*	
		For Class 55 Rating, Add	*716.89*	
		For Class 56 Rating, Add	*950.72*	
40 05 19 00-2133	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,852.16	371.90
		For Class 52 Rating, Deduct	*-361.75*	
		For Class 54 Rating, Add	*500.06*	
		For Class 55 Rating, Add	*746.90*	
		For Class 56 Rating, Add	*990.44*	
40 05 19 00-2134	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,992.35	376.09
		For Class 52 Rating, Deduct	*-376.48*	
		For Class 54 Rating, Add	*520.22*	
		For Class 55 Rating, Add	*776.90*	
		For Class 56 Rating, Add	*1,030.16*	
40 05 19 00-2135	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,132.54	380.27
		For Class 52 Rating, Deduct	*-391.20*	
		For Class 54 Rating, Add	*540.37*	
		For Class 55 Rating, Add	*806.90*	
		For Class 56 Rating, Add	*1,069.87*	
40 05 19 00-2136	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,272.72	384.44
		For Class 52 Rating, Deduct	*-405.93*	
		For Class 54 Rating, Add	*560.53*	
		For Class 55 Rating, Add	*836.90*	
		For Class 56 Rating, Add	*1,109.59*	
40 05 19 00-2137	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,412.92	388.62
		For Class 52 Rating, Deduct	*-420.65*	
		For Class 54 Rating, Add	*580.68*	
		For Class 55 Rating, Add	*866.91*	
		For Class 56 Rating, Add	*1,149.31*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2138	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,553.10	392.81
		For Class 52 Rating, Deduct	*-435.37*	
		For Class 54 Rating, Add	*600.83*	
		For Class 55 Rating, Add	*896.91*	
		For Class 56 Rating, Add	*1,189.02*	
40 05 19 00-2139	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,693.29	396.98
		For Class 52 Rating, Deduct	*-450.10*	
		For Class 54 Rating, Add	*620.99*	
		For Class 55 Rating, Add	*926.91*	
		For Class 56 Rating, Add	*1,228.74*	
40 05 19 00-2140	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,833.48	401.16
		For Class 52 Rating, Deduct	*-464.82*	
		For Class 54 Rating, Add	*641.14*	
		For Class 55 Rating, Add	*956.91*	
		For Class 56 Rating, Add	*1,268.45*	
40 05 19 00-2141	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,973.67	405.33
		For Class 52 Rating, Deduct	*-479.55*	
		For Class 54 Rating, Add	*661.30*	
		For Class 55 Rating, Add	*986.91*	
		For Class 56 Rating, Add	*1,308.17*	
40 05 19 00-2142	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,113.86	409.51
		For Class 52 Rating, Deduct	*-494.27*	
		For Class 54 Rating, Add	*681.45*	
		For Class 55 Rating, Add	*1,016.92*	
		For Class 56 Rating, Add	*1,347.89*	
40 05 19 00-2143	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,254.06	413.70
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*701.61*	
		For Class 55 Rating, Add	*1,046.92*	
		For Class 56 Rating, Add	*1,387.60*	
40 05 19 00-2144	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,394.25	417.87
		For Class 52 Rating, Deduct	*-523.72*	
		For Class 54 Rating, Add	*721.76*	
		For Class 55 Rating, Add	*1,076.92*	
		For Class 56 Rating, Add	*1,427.32*	
40 05 19 00-2145	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,534.43	422.05
		For Class 52 Rating, Deduct	*-538.45*	
		For Class 54 Rating, Add	*741.92*	
		For Class 55 Rating, Add	*1,106.92*	
		For Class 56 Rating, Add	*1,467.03*	
40 05 19 00-2146	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,674.62	426.23
		For Class 52 Rating, Deduct	*-553.17*	
		For Class 54 Rating, Add	*762.07*	
		For Class 55 Rating, Add	*1,136.93*	
		For Class 56 Rating, Add	*1,506.75*	
40 05 19 00-2147	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,814.81	430.41
		For Class 52 Rating, Deduct	*-567.89*	
		For Class 54 Rating, Add	*782.23*	
		For Class 55 Rating, Add	*1,166.93*	
		For Class 56 Rating, Add	*1,546.47*	
40 05 19 00-2148	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,955.00	434.59
		For Class 52 Rating, Deduct	*-582.62*	
		For Class 54 Rating, Add	*802.38*	
		For Class 55 Rating, Add	*1,196.93*	
		For Class 56 Rating, Add	*1,586.18*	
40 05 19 00-2149	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,095.20	438.77
		For Class 52 Rating, Deduct	*-597.34*	
		For Class 54 Rating, Add	*822.54*	
		For Class 55 Rating, Add	*1,226.93*	
		For Class 56 Rating, Add	*1,625.90*	
40 05 19 00-2150	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,235.39	442.94
		For Class 52 Rating, Deduct	*-612.07*	
		For Class 54 Rating, Add	*842.69*	
		For Class 55 Rating, Add	*1,256.94*	
		For Class 56 Rating, Add	*1,665.62*	
40 05 19 00-2151	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,375.58	447.13
		For Class 52 Rating, Deduct	*-626.79*	
		For Class 54 Rating, Add	*862.85*	
		For Class 55 Rating, Add	*1,286.94*	
		For Class 56 Rating, Add	*1,705.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2152	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,515.76	451.31
		For Class 52 Rating, Deduct	*-641.52*	
		For Class 54 Rating, Add	*883.00*	
		For Class 55 Rating, Add	*1,316.94*	
		For Class 56 Rating, Add	*1,745.05*	
40 05 19 00-2153	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,655.95	455.48
		For Class 52 Rating, Deduct	*-656.24*	
		For Class 54 Rating, Add	*903.16*	
		For Class 55 Rating, Add	*1,346.94*	
		For Class 56 Rating, Add	*1,784.76*	
40 05 19 00-2154	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,796.14	459.66
		For Class 52 Rating, Deduct	*-670.97*	
		For Class 54 Rating, Add	*923.31*	
		For Class 55 Rating, Add	*1,376.95*	
		For Class 56 Rating, Add	*1,824.48*	
40 05 19 00-2155		**8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2074)*		
40 05 19 00-2156	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,045.80	384.44
		For Class 52 Rating, Deduct	*-160.97*	
		For Class 54 Rating, Add	*226.49*	
		For Class 55 Rating, Add	*340.30*	
		For Class 56 Rating, Add	*452.65*	
40 05 19 00-2157	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,225.55	388.62
		For Class 52 Rating, Deduct	*-180.04*	
		For Class 54 Rating, Add	*252.58*	
		For Class 55 Rating, Add	*379.12*	
		For Class 56 Rating, Add	*504.03*	
40 05 19 00-2158	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,405.28	392.81
		For Class 52 Rating, Deduct	*-199.11*	
		For Class 54 Rating, Add	*278.66*	
		For Class 55 Rating, Add	*417.94*	
		For Class 56 Rating, Add	*555.41*	
40 05 19 00-2159	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,585.02	396.98
		For Class 52 Rating, Deduct	*-218.19*	
		For Class 54 Rating, Add	*304.75*	
		For Class 55 Rating, Add	*456.76*	
		For Class 56 Rating, Add	*606.80*	
40 05 19 00-2160	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,764.76	401.16
		For Class 52 Rating, Deduct	*-237.26*	
		For Class 54 Rating, Add	*330.84*	
		For Class 55 Rating, Add	*495.59*	
		For Class 56 Rating, Add	*658.18*	
40 05 19 00-2161	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,944.50	405.33
		For Class 52 Rating, Deduct	*-256.34*	
		For Class 54 Rating, Add	*356.92*	
		For Class 55 Rating, Add	*534.41*	
		For Class 56 Rating, Add	*709.57*	
40 05 19 00-2162	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,124.23	409.51
		For Class 52 Rating, Deduct	*-275.41*	
		For Class 54 Rating, Add	*383.01*	
		For Class 55 Rating, Add	*573.23*	
		For Class 56 Rating, Add	*760.95*	
40 05 19 00-2163	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,303.98	413.70
		For Class 52 Rating, Deduct	*-294.49*	
		For Class 54 Rating, Add	*409.10*	
		For Class 55 Rating, Add	*612.05*	
		For Class 56 Rating, Add	*812.33*	
40 05 19 00-2164	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,483.72	417.87
		For Class 52 Rating, Deduct	*-313.56*	
		For Class 54 Rating, Add	*435.18*	
		For Class 55 Rating, Add	*650.87*	
		For Class 56 Rating, Add	*863.71*	
40 05 19 00-2165	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,663.46	422.05
		For Class 52 Rating, Deduct	*-332.64*	
		For Class 54 Rating, Add	*461.27*	
		For Class 55 Rating, Add	*689.70*	
		For Class 56 Rating, Add	*915.10*	
40 05 19 00-2166	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,843.19	426.23
		For Class 52 Rating, Deduct	*-351.71*	
		For Class 54 Rating, Add	*487.36*	
		For Class 55 Rating, Add	*728.52*	
		For Class 56 Rating, Add	*966.48*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2167	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,022.93	430.41
		For Class 52 Rating, Deduct	*-370.79*	
		For Class 54 Rating, Add	*513.45*	
		For Class 55 Rating, Add	*767.34*	
		For Class 56 Rating, Add	*1,017.86*	
40 05 19 00-2168	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,202.67	434.59
		For Class 52 Rating, Deduct	*-389.86*	
		For Class 54 Rating, Add	*539.53*	
		For Class 55 Rating, Add	*806.16*	
		For Class 56 Rating, Add	*1,069.25*	
40 05 19 00-2169	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,382.42	438.77
		For Class 52 Rating, Deduct	*-408.94*	
		For Class 54 Rating, Add	*565.62*	
		For Class 55 Rating, Add	*844.98*	
		For Class 56 Rating, Add	*1,120.63*	
40 05 19 00-2170	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,562.15	442.94
		For Class 52 Rating, Deduct	*-428.01*	
		For Class 54 Rating, Add	*591.71*	
		For Class 55 Rating, Add	*883.80*	
		For Class 56 Rating, Add	*1,172.01*	
40 05 19 00-2171	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,741.89	447.13
		For Class 52 Rating, Deduct	*-447.09*	
		For Class 54 Rating, Add	*617.79*	
		For Class 55 Rating, Add	*922.63*	
		For Class 56 Rating, Add	*1,223.40*	
40 05 19 00-2172	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,921.63	451.31
		For Class 52 Rating, Deduct	*-466.16*	
		For Class 54 Rating, Add	*643.88*	
		For Class 55 Rating, Add	*961.45*	
		For Class 56 Rating, Add	*1,274.78*	
40 05 19 00-2173	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,101.37	455.48
		For Class 52 Rating, Deduct	*-485.24*	
		For Class 54 Rating, Add	*669.97*	
		For Class 55 Rating, Add	*1,000.27*	
		For Class 56 Rating, Add	*1,326.16*	
40 05 19 00-2174	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,281.11	459.66
		For Class 52 Rating, Deduct	*-504.31*	
		For Class 54 Rating, Add	*696.06*	
		For Class 55 Rating, Add	*1,039.09*	
		For Class 56 Rating, Add	*1,377.55*	
40 05 19 00-2175	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,460.84	463.83
		For Class 52 Rating, Deduct	*-523.39*	
		For Class 54 Rating, Add	*722.14*	
		For Class 55 Rating, Add	*1,077.91*	
		For Class 56 Rating, Add	*1,428.93*	
40 05 19 00-2176	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,640.59	468.02
		For Class 52 Rating, Deduct	*-542.46*	
		For Class 54 Rating, Add	*748.23*	
		For Class 55 Rating, Add	*1,116.74*	
		For Class 56 Rating, Add	*1,480.31*	
40 05 19 00-2177	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,820.33	472.20
		For Class 52 Rating, Deduct	*-561.54*	
		For Class 54 Rating, Add	*774.32*	
		For Class 55 Rating, Add	*1,155.56*	
		For Class 56 Rating, Add	*1,531.70*	
40 05 19 00-2178	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,000.07	476.37
		For Class 52 Rating, Deduct	*-580.61*	
		For Class 54 Rating, Add	*800.40*	
		For Class 55 Rating, Add	*1,194.38*	
		For Class 56 Rating, Add	*1,583.08*	
40 05 19 00-2179	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,179.80	480.55
		For Class 52 Rating, Deduct	*-599.69*	
		For Class 54 Rating, Add	*826.49*	
		For Class 55 Rating, Add	*1,233.20*	
		For Class 56 Rating, Add	*1,634.46*	
40 05 19 00-2180	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,359.54	484.74
		For Class 52 Rating, Deduct	*-618.76*	
		For Class 54 Rating, Add	*852.58*	
		For Class 55 Rating, Add	*1,272.02*	
		For Class 56 Rating, Add	*1,685.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2181	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,539.28	488.91
		For Class 52 Rating, Deduct	*-637.84*	
		For Class 54 Rating, Add	*878.67*	
		For Class 55 Rating, Add	*1,310.85*	
		For Class 56 Rating, Add	*1,737.23*	
40 05 19 00-2182	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,719.03	493.09
		For Class 52 Rating, Deduct	*-656.91*	
		For Class 54 Rating, Add	*904.75*	
		For Class 55 Rating, Add	*1,349.67*	
		For Class 56 Rating, Add	*1,788.61*	
40 05 19 00-2183	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,898.76	497.27
		For Class 52 Rating, Deduct	*-675.99*	
		For Class 54 Rating, Add	*930.84*	
		For Class 55 Rating, Add	*1,388.49*	
		For Class 56 Rating, Add	*1,839.99*	
40 05 19 00-2184	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,078.50	501.45
		For Class 52 Rating, Deduct	*-695.06*	
		For Class 54 Rating, Add	*956.93*	
		For Class 55 Rating, Add	*1,427.31*	
		For Class 56 Rating, Add	*1,891.38*	
40 05 19 00-2185	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,258.24	505.63
		For Class 52 Rating, Deduct	*-714.14*	
		For Class 54 Rating, Add	*983.01*	
		For Class 55 Rating, Add	*1,466.13*	
		For Class 56 Rating, Add	*1,942.76*	
40 05 19 00-2186	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,437.98	509.81
		For Class 52 Rating, Deduct	*-733.21*	
		For Class 54 Rating, Add	*1,009.10*	
		For Class 55 Rating, Add	*1,504.96*	
		For Class 56 Rating, Add	*1,994.14*	
40 05 19 00-2187	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,617.72	513.98
		For Class 52 Rating, Deduct	*-752.29*	
		For Class 54 Rating, Add	*1,035.19*	
		For Class 55 Rating, Add	*1,543.78*	
		For Class 56 Rating, Add	*2,045.53*	
40 05 19 00-2188	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,797.46	518.16
		For Class 52 Rating, Deduct	*-771.36*	
		For Class 54 Rating, Add	*1,061.28*	
		For Class 55 Rating, Add	*1,582.60*	
		For Class 56 Rating, Add	*2,096.91*	
40 05 19 00-2189	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,977.20	522.34
		For Class 52 Rating, Deduct	*-790.43*	
		For Class 54 Rating, Add	*1,087.36*	
		For Class 55 Rating, Add	*1,621.42*	
		For Class 56 Rating, Add	*2,148.29*	
40 05 19 00-2190	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,156.94	526.52
		For Class 52 Rating, Deduct	*-809.51*	
		For Class 54 Rating, Add	*1,113.45*	
		For Class 55 Rating, Add	*1,660.24*	
		For Class 56 Rating, Add	*2,199.68*	
40 05 19 00-2191	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,336.68	530.70
		For Class 52 Rating, Deduct	*-828.58*	
		For Class 54 Rating, Add	*1,139.54*	
		For Class 55 Rating, Add	*1,699.07*	
		For Class 56 Rating, Add	*2,251.06*	
40 05 19 00-2192	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,516.41	534.87
		For Class 52 Rating, Deduct	*-847.66*	
		For Class 54 Rating, Add	*1,165.62*	
		For Class 55 Rating, Add	*1,737.89*	
		For Class 56 Rating, Add	*2,302.44*	
40 05 19 00-2193	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,696.15	539.06
		For Class 52 Rating, Deduct	*-866.73*	
		For Class 54 Rating, Add	*1,191.71*	
		For Class 55 Rating, Add	*1,776.71*	
		For Class 56 Rating, Add	*2,353.83*	
40 05 19 00-2194	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,875.89	543.24
		For Class 52 Rating, Deduct	*-885.81*	
		For Class 54 Rating, Add	*1,217.80*	
		For Class 55 Rating, Add	*1,815.53*	
		For Class 56 Rating, Add	*2,405.21*	

40 05 19 00-2195 10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2196	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,583.14	468.02
		For Class 52 Rating, Deduct	*-206.14*	
		For Class 54 Rating, Add	*289.61*	
		For Class 55 Rating, Add	*434.93*	
		For Class 56 Rating, Add	*578.36*	
40 05 19 00-2197	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,814.60	472.20
		For Class 52 Rating, Deduct	*-230.91*	
		For Class 54 Rating, Add	*323.46*	
		For Class 55 Rating, Add	*485.28*	
		For Class 56 Rating, Add	*645.01*	
40 05 19 00-2198	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,046.05	476.37
		For Class 52 Rating, Deduct	*-255.67*	
		For Class 54 Rating, Add	*357.30*	
		For Class 55 Rating, Add	*535.63*	
		For Class 56 Rating, Add	*711.64*	
40 05 19 00-2199	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,277.51	480.55
		For Class 52 Rating, Deduct	*-280.43*	
		For Class 54 Rating, Add	*391.15*	
		For Class 55 Rating, Add	*585.99*	
		For Class 56 Rating, Add	*778.28*	
40 05 19 00-2200	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,508.96	484.74
		For Class 52 Rating, Deduct	*-305.20*	
		For Class 54 Rating, Add	*424.99*	
		For Class 55 Rating, Add	*636.34*	
		For Class 56 Rating, Add	*844.92*	
40 05 19 00-2201	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,740.42	488.91
		For Class 52 Rating, Deduct	*-329.96*	
		For Class 54 Rating, Add	*458.84*	
		For Class 55 Rating, Add	*686.70*	
		For Class 56 Rating, Add	*911.56*	
40 05 19 00-2202	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,971.88	493.09
		For Class 52 Rating, Deduct	*-354.72*	
		For Class 54 Rating, Add	*492.68*	
		For Class 55 Rating, Add	*737.05*	
		For Class 56 Rating, Add	*978.20*	
40 05 19 00-2203	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,203.34	497.27
		For Class 52 Rating, Deduct	*-379.49*	
		For Class 54 Rating, Add	*526.53*	
		For Class 55 Rating, Add	*787.41*	
		For Class 56 Rating, Add	*1,044.84*	
40 05 19 00-2204	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,434.80	501.45
		For Class 52 Rating, Deduct	*-404.25*	
		For Class 54 Rating, Add	*560.37*	
		For Class 55 Rating, Add	*837.77*	
		For Class 56 Rating, Add	*1,111.49*	
40 05 19 00-2205	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,666.25	505.63
		For Class 52 Rating, Deduct	*-429.02*	
		For Class 54 Rating, Add	*594.22*	
		For Class 55 Rating, Add	*888.12*	
		For Class 56 Rating, Add	*1,178.12*	
40 05 19 00-2206	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,897.71	509.81
		For Class 52 Rating, Deduct	*-453.78*	
		For Class 54 Rating, Add	*628.06*	
		For Class 55 Rating, Add	*938.48*	
		For Class 56 Rating, Add	*1,244.77*	
40 05 19 00-2207	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,129.16	513.98
		For Class 52 Rating, Deduct	*-478.54*	
		For Class 54 Rating, Add	*661.91*	
		For Class 55 Rating, Add	*988.83*	
		For Class 56 Rating, Add	*1,311.40*	
40 05 19 00-2208	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,360.63	518.16
		For Class 52 Rating, Deduct	*-503.31*	
		For Class 54 Rating, Add	*695.75*	
		For Class 55 Rating, Add	*1,039.19*	
		For Class 56 Rating, Add	*1,378.04*	
40 05 19 00-2209	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,592.08	522.34
		For Class 52 Rating, Deduct	*-528.07*	
		For Class 54 Rating, Add	*729.59*	
		For Class 55 Rating, Add	*1,089.54*	
		For Class 56 Rating, Add	*1,444.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2210	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,823.54	526.52
		For Class 52 Rating, Deduct	*-552.84*	
		For Class 54 Rating, Add	*763.44*	
		For Class 55 Rating, Add	*1,139.90*	
		For Class 56 Rating, Add	*1,511.32*	
40 05 19 00-2211	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,055.00	530.70
		For Class 52 Rating, Deduct	*-577.60*	
		For Class 54 Rating, Add	*797.29*	
		For Class 55 Rating, Add	*1,190.25*	
		For Class 56 Rating, Add	*1,577.97*	
40 05 19 00-2212	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,286.45	534.87
		For Class 52 Rating, Deduct	*-602.36*	
		For Class 54 Rating, Add	*831.13*	
		For Class 55 Rating, Add	*1,240.60*	
		For Class 56 Rating, Add	*1,644.60*	
40 05 19 00-2213	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,517.91	539.06
		For Class 52 Rating, Deduct	*-627.13*	
		For Class 54 Rating, Add	*864.98*	
		For Class 55 Rating, Add	*1,290.96*	
		For Class 56 Rating, Add	*1,711.25*	
40 05 19 00-2214	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,749.36	543.24
		For Class 52 Rating, Deduct	*-651.89*	
		For Class 54 Rating, Add	*898.82*	
		For Class 55 Rating, Add	*1,341.31*	
		For Class 56 Rating, Add	*1,777.88*	
40 05 19 00-2215	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,980.83	547.41
		For Class 52 Rating, Deduct	*-676.66*	
		For Class 54 Rating, Add	*932.66*	
		For Class 55 Rating, Add	*1,391.67*	
		For Class 56 Rating, Add	*1,844.53*	
40 05 19 00-2216	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,212.29	551.59
		For Class 52 Rating, Deduct	*-701.42*	
		For Class 54 Rating, Add	*966.51*	
		For Class 55 Rating, Add	*1,442.03*	
		For Class 56 Rating, Add	*1,911.17*	
40 05 19 00-2217	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,443.74	555.77
		For Class 52 Rating, Deduct	*-726.18*	
		For Class 54 Rating, Add	*1,000.35*	
		For Class 55 Rating, Add	*1,492.38*	
		For Class 56 Rating, Add	*1,977.80*	
40 05 19 00-2218	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,675.20	559.95
		For Class 52 Rating, Deduct	*-750.95*	
		For Class 54 Rating, Add	*1,034.20*	
		For Class 55 Rating, Add	*1,542.74*	
		For Class 56 Rating, Add	*2,044.45*	
40 05 19 00-2219	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,906.65	564.13
		For Class 52 Rating, Deduct	*-775.71*	
		For Class 54 Rating, Add	*1,068.04*	
		For Class 55 Rating, Add	*1,593.09*	
		For Class 56 Rating, Add	*2,111.08*	
40 05 19 00-2220	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,138.11	568.31
		For Class 52 Rating, Deduct	*-800.47*	
		For Class 54 Rating, Add	*1,101.89*	
		For Class 55 Rating, Add	*1,643.45*	
		For Class 56 Rating, Add	*2,177.73*	
40 05 19 00-2221	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,369.57	572.48
		For Class 52 Rating, Deduct	*-825.24*	
		For Class 54 Rating, Add	*1,135.73*	
		For Class 55 Rating, Add	*1,693.80*	
		For Class 56 Rating, Add	*2,244.36*	
40 05 19 00-2222	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,601.03	576.67
		For Class 52 Rating, Deduct	*-850.00*	
		For Class 54 Rating, Add	*1,169.58*	
		For Class 55 Rating, Add	*1,744.16*	
		For Class 56 Rating, Add	*2,311.01*	
40 05 19 00-2223	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,832.49	580.84
		For Class 52 Rating, Deduct	*-874.77*	
		For Class 54 Rating, Add	*1,203.42*	
		For Class 55 Rating, Add	*1,794.51*	
		For Class 56 Rating, Add	*2,377.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2224	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,063.94	585.02
		For Class 52 Rating, Deduct	*-899.53*	
		For Class 54 Rating, Add	*1,237.27*	
		For Class 55 Rating, Add	*1,844.87*	
		For Class 56 Rating, Add	*2,444.28*	
40 05 19 00-2225	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,295.40	589.20
		For Class 52 Rating, Deduct	*-924.29*	
		For Class 54 Rating, Add	*1,271.11*	
		For Class 55 Rating, Add	*1,895.22*	
		For Class 56 Rating, Add	*2,510.93*	
40 05 19 00-2226	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,526.85	593.38
		For Class 52 Rating, Deduct	*-949.06*	
		For Class 54 Rating, Add	*1,304.96*	
		For Class 55 Rating, Add	*1,945.57*	
		For Class 56 Rating, Add	*2,577.56*	
40 05 19 00-2227	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,758.32	597.56
		For Class 52 Rating, Deduct	*-973.82*	
		For Class 54 Rating, Add	*1,338.80*	
		For Class 55 Rating, Add	*1,995.93*	
		For Class 56 Rating, Add	*2,644.21*	
40 05 19 00-2228	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,989.77	601.74
		For Class 52 Rating, Deduct	*-998.58*	
		For Class 54 Rating, Add	*1,372.65*	
		For Class 55 Rating, Add	*2,046.28*	
		For Class 56 Rating, Add	*2,710.84*	
40 05 19 00-2229	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,221.23	605.91
		For Class 52 Rating, Deduct	*-1,023.35*	
		For Class 54 Rating, Add	*1,406.49*	
		For Class 55 Rating, Add	*2,096.64*	
		For Class 56 Rating, Add	*2,777.49*	
40 05 19 00-2230	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,452.69	610.09
		For Class 52 Rating, Deduct	*-1,048.11*	
		For Class 54 Rating, Add	*1,440.34*	
		For Class 55 Rating, Add	*2,147.00*	
		For Class 56 Rating, Add	*2,844.13*	
40 05 19 00-2231	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,684.14	614.28
		For Class 52 Rating, Deduct	*-1,072.88*	
		For Class 54 Rating, Add	*1,474.18*	
		For Class 55 Rating, Add	*2,197.35*	
		For Class 56 Rating, Add	*2,910.76*	
40 05 19 00-2232	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,915.60	618.45
		For Class 52 Rating, Deduct	*-1,097.64*	
		For Class 54 Rating, Add	*1,508.03*	
		For Class 55 Rating, Add	*2,247.71*	
		For Class 56 Rating, Add	*2,977.41*	
40 05 19 00-2233	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,147.05	622.63
		For Class 52 Rating, Deduct	*-1,122.40*	
		For Class 54 Rating, Add	*1,541.87*	
		For Class 55 Rating, Add	*2,298.06*	
		For Class 56 Rating, Add	*3,044.04*	
40 05 19 00-2234	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,378.52	626.81
		For Class 52 Rating, Deduct	*-1,147.17*	
		For Class 54 Rating, Add	*1,575.72*	
		For Class 55 Rating, Add	*2,348.42*	
		For Class 56 Rating, Add	*3,110.69*	

40 05 19 00-2235 12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2236	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,381.04	585.02
		For Class 52 Rating, Deduct	*-274.41*	
		For Class 54 Rating, Add	*384.83*	
		For Class 55 Rating, Add	*577.58*	
		For Class 56 Rating, Add	*767.83*	
40 05 19 00-2237	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,667.25	589.20
		For Class 52 Rating, Deduct	*-305.20*	
		For Class 54 Rating, Add	*426.89*	
		For Class 55 Rating, Add	*640.14*	
		For Class 56 Rating, Add	*850.62*	
40 05 19 00-2238	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,953.47	593.38
		For Class 52 Rating, Deduct	*-335.99*	
		For Class 54 Rating, Add	*468.95*	
		For Class 55 Rating, Add	*702.71*	
		For Class 56 Rating, Add	*933.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2239	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,239.70	597.56
		For Class 52 Rating, Deduct	*-366.77*	
		For Class 54 Rating, Add	*511.01*	
		For Class 55 Rating, Add	*765.28*	
		For Class 56 Rating, Add	*1,016.21*	
40 05 19 00-2240	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,525.91	601.74
		For Class 52 Rating, Deduct	*-397.56*	
		For Class 54 Rating, Add	*553.07*	
		For Class 55 Rating, Add	*827.84*	
		For Class 56 Rating, Add	*1,099.01*	
40 05 19 00-2241	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,812.13	605.91
		For Class 52 Rating, Deduct	*-428.35*	
		For Class 54 Rating, Add	*595.13*	
		For Class 55 Rating, Add	*890.41*	
		For Class 56 Rating, Add	*1,181.80*	
40 05 19 00-2242	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,098.34	610.09
		For Class 52 Rating, Deduct	*-459.13*	
		For Class 54 Rating, Add	*637.19*	
		For Class 55 Rating, Add	*952.98*	
		For Class 56 Rating, Add	*1,264.59*	
40 05 19 00-2243	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,384.56	614.28
		For Class 52 Rating, Deduct	*-489.92*	
		For Class 54 Rating, Add	*679.24*	
		For Class 55 Rating, Add	*1,015.54*	
		For Class 56 Rating, Add	*1,347.39*	
40 05 19 00-2244	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,670.78	618.45
		For Class 52 Rating, Deduct	*-520.71*	
		For Class 54 Rating, Add	*721.30*	
		For Class 55 Rating, Add	*1,078.11*	
		For Class 56 Rating, Add	*1,430.18*	
40 05 19 00-2245	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,956.99	622.63
		For Class 52 Rating, Deduct	*-551.50*	
		For Class 54 Rating, Add	*763.36*	
		For Class 55 Rating, Add	*1,140.68*	
		For Class 56 Rating, Add	*1,512.98*	
40 05 19 00-2246	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,243.22	626.81
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*805.42*	
		For Class 55 Rating, Add	*1,203.24*	
		For Class 56 Rating, Add	*1,595.77*	
40 05 19 00-2247	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,529.43	630.99
		For Class 52 Rating, Deduct	*-613.07*	
		For Class 54 Rating, Add	*847.48*	
		For Class 55 Rating, Add	*1,265.81*	
		For Class 56 Rating, Add	*1,678.56*	
40 05 19 00-2248	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,815.65	635.17
		For Class 52 Rating, Deduct	*-643.86*	
		For Class 54 Rating, Add	*889.54*	
		For Class 55 Rating, Add	*1,328.38*	
		For Class 56 Rating, Add	*1,761.36*	
40 05 19 00-2249	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,101.87	639.35
		For Class 52 Rating, Deduct	*-674.65*	
		For Class 54 Rating, Add	*931.60*	
		For Class 55 Rating, Add	*1,390.94*	
		For Class 56 Rating, Add	*1,844.16*	
40 05 19 00-2250	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,388.07	643.52
		For Class 52 Rating, Deduct	*-705.43*	
		For Class 54 Rating, Add	*973.66*	
		For Class 55 Rating, Add	*1,453.51*	
		For Class 56 Rating, Add	*1,926.95*	
40 05 19 00-2251	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,674.29	647.71
		For Class 52 Rating, Deduct	*-736.22*	
		For Class 54 Rating, Add	*1,015.72*	
		For Class 55 Rating, Add	*1,516.08*	
		For Class 56 Rating, Add	*2,009.74*	
40 05 19 00-2252	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,960.51	651.88
		For Class 52 Rating, Deduct	*-767.01*	
		For Class 54 Rating, Add	*1,057.77*	
		For Class 55 Rating, Add	*1,578.64*	
		For Class 56 Rating, Add	*2,092.54*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2253	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,246.73	656.06
		For Class 52 Rating, Deduct	*-797.80*	
		For Class 54 Rating, Add	*1,099.83*	
		For Class 55 Rating, Add	*1,641.21*	
		For Class 56 Rating, Add	*2,175.33*	
40 05 19 00-2254	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,532.95	660.24
		For Class 52 Rating, Deduct	*-828.58*	
		For Class 54 Rating, Add	*1,141.89*	
		For Class 55 Rating, Add	*1,703.78*	
		For Class 56 Rating, Add	*2,258.13*	
40 05 19 00-2255	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,819.16	664.41
		For Class 52 Rating, Deduct	*-859.37*	
		For Class 54 Rating, Add	*1,183.95*	
		For Class 55 Rating, Add	*1,766.34*	
		For Class 56 Rating, Add	*2,340.92*	
40 05 19 00-2256	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,105.38	668.60
		For Class 52 Rating, Deduct	*-890.16*	
		For Class 54 Rating, Add	*1,226.01*	
		For Class 55 Rating, Add	*1,828.91*	
		For Class 56 Rating, Add	*2,423.71*	
40 05 19 00-2257	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,391.59	672.78
		For Class 52 Rating, Deduct	*-920.95*	
		For Class 54 Rating, Add	*1,268.07*	
		For Class 55 Rating, Add	*1,891.47*	
		For Class 56 Rating, Add	*2,506.51*	
40 05 19 00-2258	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,677.81	676.95
		For Class 52 Rating, Deduct	*-951.73*	
		For Class 54 Rating, Add	*1,310.13*	
		For Class 55 Rating, Add	*1,954.04*	
		For Class 56 Rating, Add	*2,589.30*	
40 05 19 00-2259	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,964.04	681.13
		For Class 52 Rating, Deduct	*-982.52*	
		For Class 54 Rating, Add	*1,352.19*	
		For Class 55 Rating, Add	*2,016.61*	
		For Class 56 Rating, Add	*2,672.10*	
40 05 19 00-2260	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,247.21	685.32
		For Class 52 Rating, Deduct	*-1,012.97*	
		For Class 54 Rating, Add	*1,393.79*	
		For Class 55 Rating, Add	*2,078.50*	
		For Class 56 Rating, Add	*2,753.99*	
40 05 19 00-2261	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,536.47	689.49
		For Class 52 Rating, Deduct	*-1,044.10*	
		For Class 54 Rating, Add	*1,436.30*	
		For Class 55 Rating, Add	*2,141.74*	
		For Class 56 Rating, Add	*2,837.69*	
40 05 19 00-2262	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,822.68	693.67
		For Class 52 Rating, Deduct	*-1,074.88*	
		For Class 54 Rating, Add	*1,478.36*	
		For Class 55 Rating, Add	*2,204.31*	
		For Class 56 Rating, Add	*2,920.48*	
40 05 19 00-2263	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,108.90	697.85
		For Class 52 Rating, Deduct	*-1,105.67*	
		For Class 54 Rating, Add	*1,520.42*	
		For Class 55 Rating, Add	*2,266.87*	
		For Class 56 Rating, Add	*3,003.27*	
40 05 19 00-2264	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,395.12	702.03
		For Class 52 Rating, Deduct	*-1,136.46*	
		For Class 54 Rating, Add	*1,562.48*	
		For Class 55 Rating, Add	*2,329.44*	
		For Class 56 Rating, Add	*3,086.07*	
40 05 19 00-2265	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,681.34	706.21
		For Class 52 Rating, Deduct	*-1,167.25*	
		For Class 54 Rating, Add	*1,604.54*	
		For Class 55 Rating, Add	*2,392.01*	
		For Class 56 Rating, Add	*3,168.86*	
40 05 19 00-2266	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,967.56	710.38
		For Class 52 Rating, Deduct	*-1,198.03*	
		For Class 54 Rating, Add	*1,646.60*	
		For Class 55 Rating, Add	*2,454.57*	
		For Class 56 Rating, Add	*3,251.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2267	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,253.78	714.56
		For Class 52 Rating, Deduct	*-1,228.82*	
		For Class 54 Rating, Add	*1,688.66*	
		For Class 55 Rating, Add	*2,517.14*	
		For Class 56 Rating, Add	*3,334.45*	
40 05 19 00-2268	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,539.99	718.74
		For Class 52 Rating, Deduct	*-1,259.61*	
		For Class 54 Rating, Add	*1,730.72*	
		For Class 55 Rating, Add	*2,579.71*	
		For Class 56 Rating, Add	*3,417.25*	
40 05 19 00-2269	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,826.21	722.92
		For Class 52 Rating, Deduct	*-1,290.40*	
		For Class 54 Rating, Add	*1,772.78*	
		For Class 55 Rating, Add	*2,642.27*	
		For Class 56 Rating, Add	*3,500.04*	
40 05 19 00-2270	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,112.42	727.10
		For Class 52 Rating, Deduct	*-1,321.18*	
		For Class 54 Rating, Add	*1,814.83*	
		For Class 55 Rating, Add	*2,704.84*	
		For Class 56 Rating, Add	*3,582.83*	
40 05 19 00-2271	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,398.65	731.28
		For Class 52 Rating, Deduct	*-1,351.97*	
		For Class 54 Rating, Add	*1,856.89*	
		For Class 55 Rating, Add	*2,767.41*	
		For Class 56 Rating, Add	*3,665.63*	
40 05 19 00-2272	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,684.87	735.45
		For Class 52 Rating, Deduct	*-1,382.76*	
		For Class 54 Rating, Add	*1,898.95*	
		For Class 55 Rating, Add	*2,829.97*	
		For Class 56 Rating, Add	*3,748.43*	
40 05 19 00-2273	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,971.08	739.64
		For Class 52 Rating, Deduct	*-1,413.55*	
		For Class 54 Rating, Add	*1,941.01*	
		For Class 55 Rating, Add	*2,892.54*	
		For Class 56 Rating, Add	*3,831.22*	
40 05 19 00-2274	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,257.30	743.82
		For Class 52 Rating, Deduct	*-1,444.33*	
		For Class 54 Rating, Add	*1,983.07*	
		For Class 55 Rating, Add	*2,955.11*	
		For Class 56 Rating, Add	*3,914.01*	

40 05 19 00-2275 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2276	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,534.87	702.03
		For Class 52 Rating, Deduct	*-381.83*	
		For Class 54 Rating, Add	*533.44*	
		For Class 55 Rating, Add	*799.61*	
		For Class 56 Rating, Add	*1,062.30*	
40 05 19 00-2277	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,881.94	706.21
		For Class 52 Rating, Deduct	*-419.31*	
		For Class 54 Rating, Add	*584.63*	
		For Class 55 Rating, Add	*875.74*	
		For Class 56 Rating, Add	*1,163.04*	
40 05 19 00-2278	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,229.00	710.38
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*635.82*	
		For Class 55 Rating, Add	*951.88*	
		For Class 56 Rating, Add	*1,263.78*	
40 05 19 00-2279	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,576.06	714.56
		For Class 52 Rating, Deduct	*-494.27*	
		For Class 54 Rating, Add	*687.00*	
		For Class 55 Rating, Add	*1,028.01*	
		For Class 56 Rating, Add	*1,364.53*	
40 05 19 00-2280	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,923.12	718.74
		For Class 52 Rating, Deduct	*-531.75*	
		For Class 54 Rating, Add	*738.19*	
		For Class 55 Rating, Add	*1,104.14*	
		For Class 56 Rating, Add	*1,465.27*	
40 05 19 00-2281	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,270.18	722.92
		For Class 52 Rating, Deduct	*-569.23*	
		For Class 54 Rating, Add	*789.37*	
		For Class 55 Rating, Add	*1,180.28*	
		For Class 56 Rating, Add	*1,566.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2282	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,617.24	727.10
		For Class 52 Rating, Deduct	*-606.71*	
		For Class 54 Rating, Add	*840.56*	
		For Class 55 Rating, Add	*1,256.41*	
		For Class 56 Rating, Add	*1,666.76*	
40 05 19 00-2283	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,964.31	731.28
		For Class 52 Rating, Deduct	*-644.19*	
		For Class 54 Rating, Add	*891.74*	
		For Class 55 Rating, Add	*1,332.55*	
		For Class 56 Rating, Add	*1,767.50*	
40 05 19 00-2284	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,311.37	735.45
		For Class 52 Rating, Deduct	*-681.67*	
		For Class 54 Rating, Add	*942.93*	
		For Class 55 Rating, Add	*1,408.68*	
		For Class 56 Rating, Add	*1,868.24*	
40 05 19 00-2285	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,658.43	739.64
		For Class 52 Rating, Deduct	*-719.15*	
		For Class 54 Rating, Add	*994.11*	
		For Class 55 Rating, Add	*1,484.82*	
		For Class 56 Rating, Add	*1,968.99*	
40 05 19 00-2286	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,005.49	743.82
		For Class 52 Rating, Deduct	*-756.64*	
		For Class 54 Rating, Add	*1,045.30*	
		For Class 55 Rating, Add	*1,560.95*	
		For Class 56 Rating, Add	*2,069.73*	
40 05 19 00-2287	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,352.56	747.99
		For Class 52 Rating, Deduct	*-794.12*	
		For Class 54 Rating, Add	*1,096.49*	
		For Class 55 Rating, Add	*1,637.09*	
		For Class 56 Rating, Add	*2,170.48*	
40 05 19 00-2288	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,699.62	752.17
		For Class 52 Rating, Deduct	*-831.60*	
		For Class 54 Rating, Add	*1,147.67*	
		For Class 55 Rating, Add	*1,713.22*	
		For Class 56 Rating, Add	*2,271.22*	
40 05 19 00-2289	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,046.68	756.35
		For Class 52 Rating, Deduct	*-869.08*	
		For Class 54 Rating, Add	*1,198.86*	
		For Class 55 Rating, Add	*1,789.36*	
		For Class 56 Rating, Add	*2,371.96*	
40 05 19 00-2290	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,393.75	760.53
		For Class 52 Rating, Deduct	*-906.56*	
		For Class 54 Rating, Add	*1,250.04*	
		For Class 55 Rating, Add	*1,865.49*	
		For Class 56 Rating, Add	*2,472.71*	
40 05 19 00-2291	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,740.81	764.71
		For Class 52 Rating, Deduct	*-944.04*	
		For Class 54 Rating, Add	*1,301.23*	
		For Class 55 Rating, Add	*1,941.63*	
		For Class 56 Rating, Add	*2,573.45*	
40 05 19 00-2292	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,087.87	768.88
		For Class 52 Rating, Deduct	*-981.52*	
		For Class 54 Rating, Add	*1,352.41*	
		For Class 55 Rating, Add	*2,017.76*	
		For Class 56 Rating, Add	*2,674.19*	
40 05 19 00-2293	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,434.93	773.06
		For Class 52 Rating, Deduct	*-1,019.00*	
		For Class 54 Rating, Add	*1,403.60*	
		For Class 55 Rating, Add	*2,093.90*	
		For Class 56 Rating, Add	*2,774.94*	
40 05 19 00-2294	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,781.99	777.25
		For Class 52 Rating, Deduct	*-1,056.48*	
		For Class 54 Rating, Add	*1,454.78*	
		For Class 55 Rating, Add	*2,170.03*	
		For Class 56 Rating, Add	*2,875.68*	
40 05 19 00-2295	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,129.05	781.42
		For Class 52 Rating, Deduct	*-1,093.96*	
		For Class 54 Rating, Add	*1,505.97*	
		For Class 55 Rating, Add	*2,246.17*	
		For Class 56 Rating, Add	*2,976.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2296	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,476.12	785.60
		For Class 52 Rating, Deduct	*-1,131.44*	
		For Class 54 Rating, Add	*1,557.16*	
		For Class 55 Rating, Add	*2,322.30*	
		For Class 56 Rating, Add	*3,077.17*	
40 05 19 00-2297	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,823.18	789.78
		For Class 52 Rating, Deduct	*-1,168.92*	
		For Class 54 Rating, Add	*1,608.34*	
		For Class 55 Rating, Add	*2,398.44*	
		For Class 56 Rating, Add	*3,177.91*	
40 05 19 00-2298	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,170.25	793.96
		For Class 52 Rating, Deduct	*-1,206.40*	
		For Class 54 Rating, Add	*1,659.53*	
		For Class 55 Rating, Add	*2,474.57*	
		For Class 56 Rating, Add	*3,278.65*	
40 05 19 00-2299	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,517.31	798.14
		For Class 52 Rating, Deduct	*-1,243.88*	
		For Class 54 Rating, Add	*1,710.71*	
		For Class 55 Rating, Add	*2,550.71*	
		For Class 56 Rating, Add	*3,379.40*	
40 05 19 00-2300	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,864.37	802.32
		For Class 52 Rating, Deduct	*-1,281.36*	
		For Class 54 Rating, Add	*1,761.90*	
		For Class 55 Rating, Add	*2,626.84*	
		For Class 56 Rating, Add	*3,480.14*	
40 05 19 00-2301	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,211.43	806.49
		For Class 52 Rating, Deduct	*-1,318.84*	
		For Class 54 Rating, Add	*1,813.08*	
		For Class 55 Rating, Add	*2,702.98*	
		For Class 56 Rating, Add	*3,580.88*	
40 05 19 00-2302	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,558.50	810.67
		For Class 52 Rating, Deduct	*-1,356.32*	
		For Class 54 Rating, Add	*1,864.27*	
		For Class 55 Rating, Add	*2,779.11*	
		For Class 56 Rating, Add	*3,681.63*	
40 05 19 00-2303	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,905.56	814.86
		For Class 52 Rating, Deduct	*-1,393.80*	
		For Class 54 Rating, Add	*1,915.46*	
		For Class 55 Rating, Add	*2,855.25*	
		For Class 56 Rating, Add	*3,782.37*	
40 05 19 00-2304	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,252.62	819.03
		For Class 52 Rating, Deduct	*-1,431.28*	
		For Class 54 Rating, Add	*1,966.64*	
		For Class 55 Rating, Add	*2,931.38*	
		For Class 56 Rating, Add	*3,883.11*	
40 05 19 00-2305	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,599.68	823.21
		For Class 52 Rating, Deduct	*-1,468.76*	
		For Class 54 Rating, Add	*2,017.83*	
		For Class 55 Rating, Add	*3,007.52*	
		For Class 56 Rating, Add	*3,983.86*	
40 05 19 00-2306	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,946.74	827.38
		For Class 52 Rating, Deduct	*-1,506.24*	
		For Class 54 Rating, Add	*2,069.01*	
		For Class 55 Rating, Add	*3,083.65*	
		For Class 56 Rating, Add	*4,084.60*	
40 05 19 00-2307	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,293.80	831.57
		For Class 52 Rating, Deduct	*-1,543.72*	
		For Class 54 Rating, Add	*2,120.20*	
		For Class 55 Rating, Add	*3,159.79*	
		For Class 56 Rating, Add	*4,185.34*	
40 05 19 00-2308	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,640.86	835.75
		For Class 52 Rating, Deduct	*-1,581.20*	
		For Class 54 Rating, Add	*2,171.38*	
		For Class 55 Rating, Add	*3,235.92*	
		For Class 56 Rating, Add	*4,286.09*	
40 05 19 00-2309	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,987.93	839.92
		For Class 52 Rating, Deduct	*-1,618.68*	
		For Class 54 Rating, Add	*2,222.57*	
		For Class 55 Rating, Add	*3,312.06*	
		For Class 56 Rating, Add	*4,386.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2310	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,335.00	844.10
		For Class 52 Rating, Deduct	*-1,656.17*	
		For Class 54 Rating, Add	*2,273.75*	
		For Class 55 Rating, Add	*3,388.19*	
		For Class 56 Rating, Add	*4,487.58*	
40 05 19 00-2311	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,682.06	848.29
		For Class 52 Rating, Deduct	*-1,693.65*	
		For Class 54 Rating, Add	*2,324.94*	
		For Class 55 Rating, Add	*3,464.33*	
		For Class 56 Rating, Add	*4,588.32*	
40 05 19 00-2312	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,029.12	852.46
		For Class 52 Rating, Deduct	*-1,731.13*	
		For Class 54 Rating, Add	*2,376.13*	
		For Class 55 Rating, Add	*3,540.46*	
		For Class 56 Rating, Add	*4,689.06*	
40 05 19 00-2313	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,376.18	856.64
		For Class 52 Rating, Deduct	*-1,768.61*	
		For Class 54 Rating, Add	*2,427.31*	
		For Class 55 Rating, Add	*3,616.60*	
		For Class 56 Rating, Add	*4,789.81*	
40 05 19 00-2314		16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2315	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,322.65	802.32
		For Class 52 Rating, Deduct	*-451.77*	
		For Class 54 Rating, Add	*630.64*	
		For Class 55 Rating, Add	*945.04*	
		For Class 56 Rating, Add	*1,255.33*	
40 05 19 00-2316	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,724.48	806.49
		For Class 52 Rating, Deduct	*-495.28*	
		For Class 54 Rating, Add	*690.04*	
		For Class 55 Rating, Add	*1,033.39*	
		For Class 56 Rating, Add	*1,372.23*	
40 05 19 00-2317	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,126.31	810.67
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*749.44*	
		For Class 55 Rating, Add	*1,121.74*	
		For Class 56 Rating, Add	*1,489.13*	
40 05 19 00-2318	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,528.13	814.86
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*808.84*	
		For Class 55 Rating, Add	*1,210.08*	
		For Class 56 Rating, Add	*1,606.03*	
40 05 19 00-2319	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,929.95	819.03
		For Class 52 Rating, Deduct	*-625.79*	
		For Class 54 Rating, Add	*868.24*	
		For Class 55 Rating, Add	*1,298.43*	
		For Class 56 Rating, Add	*1,722.93*	
40 05 19 00-2320	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,331.77	823.21
		For Class 52 Rating, Deduct	*-669.29*	
		For Class 54 Rating, Add	*927.64*	
		For Class 55 Rating, Add	*1,386.77*	
		For Class 56 Rating, Add	*1,839.82*	
40 05 19 00-2321	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,733.59	827.38
		For Class 52 Rating, Deduct	*-712.80*	
		For Class 54 Rating, Add	*987.04*	
		For Class 55 Rating, Add	*1,475.12*	
		For Class 56 Rating, Add	*1,956.72*	
40 05 19 00-2322	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,135.41	831.57
		For Class 52 Rating, Deduct	*-756.30*	
		For Class 54 Rating, Add	*1,046.44*	
		For Class 55 Rating, Add	*1,563.47*	
		For Class 56 Rating, Add	*2,073.62*	
40 05 19 00-2323	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,537.23	835.75
		For Class 52 Rating, Deduct	*-799.80*	
		For Class 54 Rating, Add	*1,105.84*	
		For Class 55 Rating, Add	*1,651.81*	
		For Class 56 Rating, Add	*2,190.52*	
40 05 19 00-2324	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,939.06	839.92
		For Class 52 Rating, Deduct	*-843.31*	
		For Class 54 Rating, Add	*1,165.24*	
		For Class 55 Rating, Add	*1,740.16*	
		For Class 56 Rating, Add	*2,307.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2325	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,340.89	844.10
		For Class 52 Rating, Deduct	*-886.81*	
		For Class 54 Rating, Add	*1,224.64*	
		For Class 55 Rating, Add	*1,828.51*	
		For Class 56 Rating, Add	*2,424.31*	
40 05 19 00-2326	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,742.71	848.29
		For Class 52 Rating, Deduct	*-930.32*	
		For Class 54 Rating, Add	*1,284.04*	
		For Class 55 Rating, Add	*1,916.85*	
		For Class 56 Rating, Add	*2,541.21*	
40 05 19 00-2327	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,144.53	852.46
		For Class 52 Rating, Deduct	*-973.82*	
		For Class 54 Rating, Add	*1,343.44*	
		For Class 55 Rating, Add	*2,005.20*	
		For Class 56 Rating, Add	*2,658.11*	
40 05 19 00-2328	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,546.35	856.64
		For Class 52 Rating, Deduct	*-1,017.33*	
		For Class 54 Rating, Add	*1,402.84*	
		For Class 55 Rating, Add	*2,093.55*	
		For Class 56 Rating, Add	*2,775.01*	
40 05 19 00-2329	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,948.17	860.82
		For Class 52 Rating, Deduct	*-1,060.83*	
		For Class 54 Rating, Add	*1,462.24*	
		For Class 55 Rating, Add	*2,181.89*	
		For Class 56 Rating, Add	*2,891.90*	
40 05 19 00-2330	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,350.00	864.99
		For Class 52 Rating, Deduct	*-1,104.33*	
		For Class 54 Rating, Add	*1,521.64*	
		For Class 55 Rating, Add	*2,270.24*	
		For Class 56 Rating, Add	*3,008.80*	
40 05 19 00-2331	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,751.82	869.18
		For Class 52 Rating, Deduct	*-1,147.84*	
		For Class 54 Rating, Add	*1,581.04*	
		For Class 55 Rating, Add	*2,358.58*	
		For Class 56 Rating, Add	*3,125.70*	
40 05 19 00-2332	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,153.64	873.36
		For Class 52 Rating, Deduct	*-1,191.34*	
		For Class 54 Rating, Add	*1,640.43*	
		For Class 55 Rating, Add	*2,446.93*	
		For Class 56 Rating, Add	*3,242.60*	
40 05 19 00-2333	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,555.47	877.53
		For Class 52 Rating, Deduct	*-1,234.85*	
		For Class 54 Rating, Add	*1,699.84*	
		For Class 55 Rating, Add	*2,535.28*	
		For Class 56 Rating, Add	*3,359.50*	
40 05 19 00-2334	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,957.29	881.71
		For Class 52 Rating, Deduct	*-1,278.35*	
		For Class 54 Rating, Add	*1,759.24*	
		For Class 55 Rating, Add	*2,623.63*	
		For Class 56 Rating, Add	*3,476.39*	
40 05 19 00-2335	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,359.11	885.89
		For Class 52 Rating, Deduct	*-1,321.85*	
		For Class 54 Rating, Add	*1,818.63*	
		For Class 55 Rating, Add	*2,711.97*	
		For Class 56 Rating, Add	*3,593.29*	
40 05 19 00-2336	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,760.94	890.07
		For Class 52 Rating, Deduct	*-1,365.36*	
		For Class 54 Rating, Add	*1,878.03*	
		For Class 55 Rating, Add	*2,800.32*	
		For Class 56 Rating, Add	*3,710.19*	
40 05 19 00-2337	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,162.76	894.25
		For Class 52 Rating, Deduct	*-1,408.86*	
		For Class 54 Rating, Add	*1,937.43*	
		For Class 55 Rating, Add	*2,888.66*	
		For Class 56 Rating, Add	*3,827.09*	
40 05 19 00-2338	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,564.57	898.42
		For Class 52 Rating, Deduct	*-1,452.37*	
		For Class 54 Rating, Add	*1,996.83*	
		For Class 55 Rating, Add	*2,977.01*	
		For Class 56 Rating, Add	*3,943.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2339	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,966.39	902.61
		For Class 52 Rating, Deduct	*-1,495.87*	
		For Class 54 Rating, Add	*2,056.23*	
		For Class 55 Rating, Add	*3,065.36*	
		For Class 56 Rating, Add	*4,060.88*	
40 05 19 00-2340	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,368.21	906.79
		For Class 52 Rating, Deduct	*-1,539.37*	
		For Class 54 Rating, Add	*2,115.63*	
		For Class 55 Rating, Add	*3,153.70*	
		For Class 56 Rating, Add	*4,177.78*	
40 05 19 00-2341	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,770.04	910.96
		For Class 52 Rating, Deduct	*-1,582.88*	
		For Class 54 Rating, Add	*2,175.03*	
		For Class 55 Rating, Add	*3,242.05*	
		For Class 56 Rating, Add	*4,294.68*	
40 05 19 00-2342	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,171.86	915.14
		For Class 52 Rating, Deduct	*-1,626.38*	
		For Class 54 Rating, Add	*2,234.43*	
		For Class 55 Rating, Add	*3,330.40*	
		For Class 56 Rating, Add	*4,411.58*	
40 05 19 00-2343	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,573.69	919.32
		For Class 52 Rating, Deduct	*-1,669.89*	
		For Class 54 Rating, Add	*2,293.83*	
		For Class 55 Rating, Add	*3,418.74*	
		For Class 56 Rating, Add	*4,528.47*	
40 05 19 00-2344	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,975.51	923.50
		For Class 52 Rating, Deduct	*-1,713.39*	
		For Class 54 Rating, Add	*2,353.23*	
		For Class 55 Rating, Add	*3,507.09*	
		For Class 56 Rating, Add	*4,645.37*	
40 05 19 00-2345	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,377.33	927.68
		For Class 52 Rating, Deduct	*-1,756.89*	
		For Class 54 Rating, Add	*2,412.63*	
		For Class 55 Rating, Add	*3,595.44*	
		For Class 56 Rating, Add	*4,762.27*	
40 05 19 00-2346	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,779.15	931.86
		For Class 52 Rating, Deduct	*-1,800.40*	
		For Class 54 Rating, Add	*2,472.03*	
		For Class 55 Rating, Add	*3,683.78*	
		For Class 56 Rating, Add	*4,879.17*	
40 05 19 00-2347	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,180.97	936.03
		For Class 52 Rating, Deduct	*-1,843.90*	
		For Class 54 Rating, Add	*2,531.43*	
		For Class 55 Rating, Add	*3,772.13*	
		For Class 56 Rating, Add	*4,996.06*	
40 05 19 00-2348	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,582.79	940.22
		For Class 52 Rating, Deduct	*-1,887.41*	
		For Class 54 Rating, Add	*2,590.83*	
		For Class 55 Rating, Add	*3,860.47*	
		For Class 56 Rating, Add	*5,112.96*	
40 05 19 00-2349	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,984.62	944.40
		For Class 52 Rating, Deduct	*-1,930.91*	
		For Class 54 Rating, Add	*2,650.23*	
		For Class 55 Rating, Add	*3,948.82*	
		For Class 56 Rating, Add	*5,229.86*	
40 05 19 00-2350	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,386.45	948.57
		For Class 52 Rating, Deduct	*-1,974.41*	
		For Class 54 Rating, Add	*2,709.63*	
		For Class 55 Rating, Add	*4,037.17*	
		For Class 56 Rating, Add	*5,346.76*	
40 05 19 00-2351	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,788.27	952.75
		For Class 52 Rating, Deduct	*-2,017.92*	
		For Class 54 Rating, Add	*2,769.03*	
		For Class 55 Rating, Add	*4,125.52*	
		For Class 56 Rating, Add	*5,463.66*	
40 05 19 00-2352	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,190.09	956.92
		For Class 52 Rating, Deduct	*-2,061.42*	
		For Class 54 Rating, Add	*2,828.43*	
		For Class 55 Rating, Add	*4,213.86*	
		For Class 56 Rating, Add	*5,580.56*	

40 05 19 00-2353 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2354	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,207.28	904.27
		For Class 52 Rating, Deduct	*-532.09*	
		For Class 54 Rating, Add	*742.02*	
		For Class 55 Rating, Add	*1,111.57*	
		For Class 56 Rating, Add	*1,476.29*	
40 05 19 00-2355	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,669.95	908.46
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*810.54*	
		For Class 55 Rating, Add	*1,213.49*	
		For Class 56 Rating, Add	*1,611.13*	
40 05 19 00-2356	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,132.61	912.64
		For Class 52 Rating, Deduct	*-632.48*	
		For Class 54 Rating, Add	*879.07*	
		For Class 55 Rating, Add	*1,315.40*	
		For Class 56 Rating, Add	*1,745.98*	
40 05 19 00-2357	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,595.28	916.81
		For Class 52 Rating, Deduct	*-682.68*	
		For Class 54 Rating, Add	*947.59*	
		For Class 55 Rating, Add	*1,417.31*	
		For Class 56 Rating, Add	*1,880.83*	
40 05 19 00-2358	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,057.95	920.99
		For Class 52 Rating, Deduct	*-732.88*	
		For Class 54 Rating, Add	*1,016.12*	
		For Class 55 Rating, Add	*1,519.23*	
		For Class 56 Rating, Add	*2,015.68*	
40 05 19 00-2359	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,520.61	925.18
		For Class 52 Rating, Deduct	*-783.07*	
		For Class 54 Rating, Add	*1,084.65*	
		For Class 55 Rating, Add	*1,621.14*	
		For Class 56 Rating, Add	*2,150.52*	
40 05 19 00-2360	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,983.29	929.35
		For Class 52 Rating, Deduct	*-833.27*	
		For Class 54 Rating, Add	*1,153.17*	
		For Class 55 Rating, Add	*1,723.06*	
		For Class 56 Rating, Add	*2,285.37*	
40 05 19 00-2361	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,445.95	933.53
		For Class 52 Rating, Deduct	*-883.47*	
		For Class 54 Rating, Add	*1,221.70*	
		For Class 55 Rating, Add	*1,824.97*	
		For Class 56 Rating, Add	*2,420.22*	
40 05 19 00-2362	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,908.62	937.70
		For Class 52 Rating, Deduct	*-933.66*	
		For Class 54 Rating, Add	*1,290.23*	
		For Class 55 Rating, Add	*1,926.89*	
		For Class 56 Rating, Add	*2,555.06*	
40 05 19 00-2363	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,371.29	941.88
		For Class 52 Rating, Deduct	*-983.86*	
		For Class 54 Rating, Add	*1,358.75*	
		For Class 55 Rating, Add	*2,028.80*	
		For Class 56 Rating, Add	*2,689.91*	
40 05 19 00-2364	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,833.95	946.07
		For Class 52 Rating, Deduct	*-1,034.06*	
		For Class 54 Rating, Add	*1,427.28*	
		For Class 55 Rating, Add	*2,130.72*	
		For Class 56 Rating, Add	*2,824.76*	
40 05 19 00-2365	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,296.62	950.24
		For Class 52 Rating, Deduct	*-1,084.25*	
		For Class 54 Rating, Add	*1,495.81*	
		For Class 55 Rating, Add	*2,232.63*	
		For Class 56 Rating, Add	*2,959.61*	
40 05 19 00-2366	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,759.29	954.42
		For Class 52 Rating, Deduct	*-1,134.45*	
		For Class 54 Rating, Add	*1,564.33*	
		For Class 55 Rating, Add	*2,334.55*	
		For Class 56 Rating, Add	*3,094.45*	
40 05 19 00-2367	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,221.96	958.60
		For Class 52 Rating, Deduct	*-1,184.65*	
		For Class 54 Rating, Add	*1,632.86*	
		For Class 55 Rating, Add	*2,436.46*	
		For Class 56 Rating, Add	*3,229.30*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2368	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,684.63	962.78
		For Class 52 Rating, Deduct	*-1,234.85*	
		For Class 54 Rating, Add	*1,701.39*	
		For Class 55 Rating, Add	*2,538.38*	
		For Class 56 Rating, Add	*3,364.15*	
40 05 19 00-2369	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,147.29	966.96
		For Class 52 Rating, Deduct	*-1,285.04*	
		For Class 54 Rating, Add	*1,769.91*	
		For Class 55 Rating, Add	*2,640.29*	
		For Class 56 Rating, Add	*3,498.99*	
40 05 19 00-2370	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,609.96	971.14
		For Class 52 Rating, Deduct	*-1,335.24*	
		For Class 54 Rating, Add	*1,838.44*	
		For Class 55 Rating, Add	*2,742.21*	
		For Class 56 Rating, Add	*3,633.84*	
40 05 19 00-2371	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,072.62	975.31
		For Class 52 Rating, Deduct	*-1,385.44*	
		For Class 54 Rating, Add	*1,906.96*	
		For Class 55 Rating, Add	*2,844.12*	
		For Class 56 Rating, Add	*3,768.69*	
40 05 19 00-2372	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,535.29	979.50
		For Class 52 Rating, Deduct	*-1,435.63*	
		For Class 54 Rating, Add	*1,975.49*	
		For Class 55 Rating, Add	*2,946.04*	
		For Class 56 Rating, Add	*3,903.53*	
40 05 19 00-2373	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,997.97	983.68
		For Class 52 Rating, Deduct	*-1,485.83*	
		For Class 54 Rating, Add	*2,044.02*	
		For Class 55 Rating, Add	*3,047.95*	
		For Class 56 Rating, Add	*4,038.38*	
40 05 19 00-2374	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,460.63	987.85
		For Class 52 Rating, Deduct	*-1,536.03*	
		For Class 54 Rating, Add	*2,112.54*	
		For Class 55 Rating, Add	*3,149.87*	
		For Class 56 Rating, Add	*4,173.23*	
40 05 19 00-2375	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,923.30	992.03
		For Class 52 Rating, Deduct	*-1,586.22*	
		For Class 54 Rating, Add	*2,181.07*	
		For Class 55 Rating, Add	*3,251.78*	
		For Class 56 Rating, Add	*4,308.08*	
40 05 19 00-2376	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,385.96	996.20
		For Class 52 Rating, Deduct	*-1,636.42*	
		For Class 54 Rating, Add	*2,249.60*	
		For Class 55 Rating, Add	*3,353.70*	
		For Class 56 Rating, Add	*4,442.92*	
40 05 19 00-2377	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,848.63	1,000.39
		For Class 52 Rating, Deduct	*-1,686.62*	
		For Class 54 Rating, Add	*2,318.12*	
		For Class 55 Rating, Add	*3,455.61*	
		For Class 56 Rating, Add	*4,577.77*	
40 05 19 00-2378	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,311.30	1,004.57
		For Class 52 Rating, Deduct	*-1,736.82*	
		For Class 54 Rating, Add	*2,386.65*	
		For Class 55 Rating, Add	*3,557.53*	
		For Class 56 Rating, Add	*4,712.62*	
40 05 19 00-2379	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,773.97	1,008.74
		For Class 52 Rating, Deduct	*-1,787.01*	
		For Class 54 Rating, Add	*2,455.17*	
		For Class 55 Rating, Add	*3,659.44*	
		For Class 56 Rating, Add	*4,847.46*	
40 05 19 00-2380	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,236.64	1,012.92
		For Class 52 Rating, Deduct	*-1,837.21*	
		For Class 54 Rating, Add	*2,523.70*	
		For Class 55 Rating, Add	*3,761.36*	
		For Class 56 Rating, Add	*4,982.31*	
40 05 19 00-2381	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,699.30	1,017.11
		For Class 52 Rating, Deduct	*-1,887.41*	
		For Class 54 Rating, Add	*2,592.23*	
		For Class 55 Rating, Add	*3,863.27*	
		For Class 56 Rating, Add	*5,117.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2382	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,161.97	1,021.28
		For Class 52 Rating, Deduct	*-1,937.60*	
		For Class 54 Rating, Add	*2,660.75*	
		For Class 55 Rating, Add	*3,965.19*	
		For Class 56 Rating, Add	*5,252.00*	
40 05 19 00-2383	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,624.64	1,025.46
		For Class 52 Rating, Deduct	*-1,987.80*	
		For Class 54 Rating, Add	*2,729.28*	
		For Class 55 Rating, Add	*4,067.10*	
		For Class 56 Rating, Add	*5,386.85*	
40 05 19 00-2384	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,087.30	1,029.64
		For Class 52 Rating, Deduct	*-2,038.00*	
		For Class 54 Rating, Add	*2,797.81*	
		For Class 55 Rating, Add	*4,169.02*	
		For Class 56 Rating, Add	*5,521.70*	
40 05 19 00-2385	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,549.98	1,033.82
		For Class 52 Rating, Deduct	*-2,088.19*	
		For Class 54 Rating, Add	*2,866.33*	
		For Class 55 Rating, Add	*4,270.93*	
		For Class 56 Rating, Add	*5,656.55*	
40 05 19 00-2386	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,012.64	1,038.00
		For Class 52 Rating, Deduct	*-2,138.39*	
		For Class 54 Rating, Add	*2,934.86*	
		For Class 55 Rating, Add	*4,372.85*	
		For Class 56 Rating, Add	*5,791.39*	
40 05 19 00-2387	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,475.31	1,042.18
		For Class 52 Rating, Deduct	*-2,188.59*	
		For Class 54 Rating, Add	*3,003.39*	
		For Class 55 Rating, Add	*4,474.76*	
		For Class 56 Rating, Add	*5,926.24*	
40 05 19 00-2388	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,937.98	1,046.35
		For Class 52 Rating, Deduct	*-2,238.78*	
		For Class 54 Rating, Add	*3,071.91*	
		For Class 55 Rating, Add	*4,576.68*	
		For Class 56 Rating, Add	*6,061.09*	
40 05 19 00-2389	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,400.64	1,050.53
		For Class 52 Rating, Deduct	*-2,288.98*	
		For Class 54 Rating, Add	*3,140.44*	
		For Class 55 Rating, Add	*4,678.59*	
		For Class 56 Rating, Add	*6,195.93*	
40 05 19 00-2390	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,863.30	1,054.72
		For Class 52 Rating, Deduct	*-2,339.18*	
		For Class 54 Rating, Add	*3,208.97*	
		For Class 55 Rating, Add	*4,780.51*	
		For Class 56 Rating, Add	*6,330.78*	
40 05 19 00-2391	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,325.96	1,058.89
		For Class 52 Rating, Deduct	*-2,389.37*	
		For Class 54 Rating, Add	*3,277.49*	
		For Class 55 Rating, Add	*4,882.42*	
		For Class 56 Rating, Add	*6,465.63*	

40 05 19 00-2392 20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2393	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,268.06	1,032.15
		For Class 52 Rating, Deduct	*-627.46*	
		For Class 54 Rating, Add	*874.40*	
		For Class 55 Rating, Add	*1,309.57*	
		For Class 56 Rating, Add	*1,739.04*	
40 05 19 00-2394	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,794.61	1,036.33
		For Class 52 Rating, Deduct	*-684.69*	
		For Class 54 Rating, Add	*952.51*	
		For Class 55 Rating, Add	*1,425.73*	
		For Class 56 Rating, Add	*1,892.73*	
40 05 19 00-2395	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,321.17	1,040.50
		For Class 52 Rating, Deduct	*-741.91*	
		For Class 54 Rating, Add	*1,030.62*	
		For Class 55 Rating, Add	*1,541.89*	
		For Class 56 Rating, Add	*2,046.43*	
40 05 19 00-2396	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,847.72	1,044.68
		For Class 52 Rating, Deduct	*-799.14*	
		For Class 54 Rating, Add	*1,108.72*	
		For Class 55 Rating, Add	*1,658.05*	
		For Class 56 Rating, Add	*2,200.12*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2397	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,374.27	1,048.87
		For Class 52 Rating, Deduct	*-856.36*	
		For Class 54 Rating, Add	*1,186.83*	
		For Class 55 Rating, Add	*1,774.22*	
		For Class 56 Rating, Add	*2,353.81*	
40 05 19 00-2398	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,900.84	1,053.04
		For Class 52 Rating, Deduct	*-913.59*	
		For Class 54 Rating, Add	*1,264.94*	
		For Class 55 Rating, Add	*1,890.38*	
		For Class 56 Rating, Add	*2,507.51*	
40 05 19 00-2399	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,427.39	1,057.22
		For Class 52 Rating, Deduct	*-970.81*	
		For Class 54 Rating, Add	*1,343.05*	
		For Class 55 Rating, Add	*2,006.54*	
		For Class 56 Rating, Add	*2,661.20*	
40 05 19 00-2400	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,953.94	1,061.40
		For Class 52 Rating, Deduct	*-1,028.03*	
		For Class 54 Rating, Add	*1,421.16*	
		For Class 55 Rating, Add	*2,122.70*	
		For Class 56 Rating, Add	*2,814.89*	
40 05 19 00-2401	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,480.49	1,065.57
		For Class 52 Rating, Deduct	*-1,085.26*	
		For Class 54 Rating, Add	*1,499.27*	
		For Class 55 Rating, Add	*2,238.86*	
		For Class 56 Rating, Add	*2,968.59*	
40 05 19 00-2402	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,007.05	1,069.76
		For Class 52 Rating, Deduct	*-1,142.48*	
		For Class 54 Rating, Add	*1,577.38*	
		For Class 55 Rating, Add	*2,355.02*	
		For Class 56 Rating, Add	*3,122.28*	
40 05 19 00-2403	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,533.60	1,073.93
		For Class 52 Rating, Deduct	*-1,199.71*	
		For Class 54 Rating, Add	*1,655.49*	
		For Class 55 Rating, Add	*2,471.19*	
		For Class 56 Rating, Add	*3,275.97*	
40 05 19 00-2404	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,060.16	1,078.11
		For Class 52 Rating, Deduct	*-1,256.93*	
		For Class 54 Rating, Add	*1,733.60*	
		For Class 55 Rating, Add	*2,587.35*	
		For Class 56 Rating, Add	*3,429.67*	
40 05 19 00-2405	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,586.72	1,082.29
		For Class 52 Rating, Deduct	*-1,314.16*	
		For Class 54 Rating, Add	*1,811.71*	
		For Class 55 Rating, Add	*2,703.51*	
		For Class 56 Rating, Add	*3,583.36*	
40 05 19 00-2406	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,113.27	1,086.47
		For Class 52 Rating, Deduct	*-1,371.38*	
		For Class 54 Rating, Add	*1,889.82*	
		For Class 55 Rating, Add	*2,819.67*	
		For Class 56 Rating, Add	*3,737.06*	
40 05 19 00-2407	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,639.82	1,090.65
		For Class 52 Rating, Deduct	*-1,428.61*	
		For Class 54 Rating, Add	*1,967.93*	
		For Class 55 Rating, Add	*2,935.83*	
		For Class 56 Rating, Add	*3,890.75*	
40 05 19 00-2408	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,166.38	1,094.83
		For Class 52 Rating, Deduct	*-1,485.83*	
		For Class 54 Rating, Add	*2,046.04*	
		For Class 55 Rating, Add	*3,052.00*	
		For Class 56 Rating, Add	*4,044.45*	
40 05 19 00-2409	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,692.93	1,099.00
		For Class 52 Rating, Deduct	*-1,543.05*	
		For Class 54 Rating, Add	*2,124.15*	
		For Class 55 Rating, Add	*3,168.16*	
		For Class 56 Rating, Add	*4,198.14*	
40 05 19 00-2410	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,219.49	1,103.19
		For Class 52 Rating, Deduct	*-1,600.28*	
		For Class 54 Rating, Add	*2,202.26*	
		For Class 55 Rating, Add	*3,284.32*	
		For Class 56 Rating, Add	*4,351.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2411	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,746.04	1,107.37
		For Class 52 Rating, Deduct	*-1,657.50*	
		For Class 54 Rating, Add	*2,280.37*	
		For Class 55 Rating, Add	*3,400.48*	
		For Class 56 Rating, Add	*4,505.52*	
40 05 19 00-2412	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,272.60	1,111.54
		For Class 52 Rating, Deduct	*-1,714.73*	
		For Class 54 Rating, Add	*2,358.48*	
		For Class 55 Rating, Add	*3,516.64*	
		For Class 56 Rating, Add	*4,659.22*	
40 05 19 00-2413	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,799.15	1,115.72
		For Class 52 Rating, Deduct	*-1,771.95*	
		For Class 54 Rating, Add	*2,436.58*	
		For Class 55 Rating, Add	*3,632.80*	
		For Class 56 Rating, Add	*4,812.91*	
40 05 19 00-2414	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,325.70	1,119.90
		For Class 52 Rating, Deduct	*-1,829.18*	
		For Class 54 Rating, Add	*2,514.69*	
		For Class 55 Rating, Add	*3,748.96*	
		For Class 56 Rating, Add	*4,966.61*	
40 05 19 00-2415	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,852.26	1,124.08
		For Class 52 Rating, Deduct	*-1,886.40*	
		For Class 54 Rating, Add	*2,592.80*	
		For Class 55 Rating, Add	*3,865.13*	
		For Class 56 Rating, Add	*5,120.30*	
40 05 19 00-2416	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,378.81	1,128.26
		For Class 52 Rating, Deduct	*-1,943.63*	
		For Class 54 Rating, Add	*2,670.91*	
		For Class 55 Rating, Add	*3,981.29*	
		For Class 56 Rating, Add	*5,273.99*	
40 05 19 00-2417	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,905.37	1,132.43
		For Class 52 Rating, Deduct	*-2,000.85*	
		For Class 54 Rating, Add	*2,749.02*	
		For Class 55 Rating, Add	*4,097.45*	
		For Class 56 Rating, Add	*5,427.69*	
40 05 19 00-2418	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,431.93	1,136.61
		For Class 52 Rating, Deduct	*-2,058.08*	
		For Class 54 Rating, Add	*2,827.13*	
		For Class 55 Rating, Add	*4,213.61*	
		For Class 56 Rating, Add	*5,581.38*	
40 05 19 00-2419	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,958.48	1,140.80
		For Class 52 Rating, Deduct	*-2,115.30*	
		For Class 54 Rating, Add	*2,905.24*	
		For Class 55 Rating, Add	*4,329.77*	
		For Class 56 Rating, Add	*5,735.08*	
40 05 19 00-2420	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,485.03	1,144.97
		For Class 52 Rating, Deduct	*-2,172.52*	
		For Class 54 Rating, Add	*2,983.35*	
		For Class 55 Rating, Add	*4,445.93*	
		For Class 56 Rating, Add	*5,888.77*	
40 05 19 00-2421	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,011.59	1,149.15
		For Class 52 Rating, Deduct	*-2,229.75*	
		For Class 54 Rating, Add	*3,061.46*	
		For Class 55 Rating, Add	*4,562.10*	
		For Class 56 Rating, Add	*6,042.46*	
40 05 19 00-2422	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,538.13	1,153.33
		For Class 52 Rating, Deduct	*-2,286.97*	
		For Class 54 Rating, Add	*3,139.57*	
		For Class 55 Rating, Add	*4,678.26*	
		For Class 56 Rating, Add	*6,196.16*	
40 05 19 00-2423	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,064.69	1,157.51
		For Class 52 Rating, Deduct	*-2,344.20*	
		For Class 54 Rating, Add	*3,217.68*	
		For Class 55 Rating, Add	*4,794.42*	
		For Class 56 Rating, Add	*6,349.85*	
40 05 19 00-2424	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,591.24	1,161.69
		For Class 52 Rating, Deduct	*-2,401.42*	
		For Class 54 Rating, Add	*3,295.79*	
		For Class 55 Rating, Add	*4,910.58*	
		For Class 56 Rating, Add	*6,503.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2425	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,117.80	1,165.87
		For Class 52 Rating, Deduct	*-2,458.65*	
		For Class 54 Rating, Add	*3,373.90*	
		For Class 55 Rating, Add	*5,026.74*	
		For Class 56 Rating, Add	*6,657.24*	
40 05 19 00-2426	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,644.35	1,170.04
		For Class 52 Rating, Deduct	*-2,515.87*	
		For Class 54 Rating, Add	*3,452.01*	
		For Class 55 Rating, Add	*5,142.90*	
		For Class 56 Rating, Add	*6,810.93*	
40 05 19 00-2427	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,170.90	1,174.22
		For Class 52 Rating, Deduct	*-2,573.10*	
		For Class 54 Rating, Add	*3,530.12*	
		For Class 55 Rating, Add	*5,259.07*	
		For Class 56 Rating, Add	*6,964.62*	
40 05 19 00-2428	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,697.46	1,178.41
		For Class 52 Rating, Deduct	*-2,630.32*	
		For Class 54 Rating, Add	*3,608.23*	
		For Class 55 Rating, Add	*5,375.23*	
		For Class 56 Rating, Add	*7,118.32*	
40 05 19 00-2429	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,224.02	1,182.58
		For Class 52 Rating, Deduct	*-2,687.55*	
		For Class 54 Rating, Add	*3,686.34*	
		For Class 55 Rating, Add	*5,491.39*	
		For Class 56 Rating, Add	*7,272.01*	
40 05 19 00-2430	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,750.57	1,186.76
		For Class 52 Rating, Deduct	*-2,744.77*	
		For Class 54 Rating, Add	*3,764.44*	
		For Class 55 Rating, Add	*5,607.55*	
		For Class 56 Rating, Add	*7,425.71*	

40 05 19 00-2431 24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2432	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,967.61	1,220.19
		For Class 52 Rating, Deduct	*-783.07*	
		For Class 54 Rating, Add	*1,090.01*	
		For Class 55 Rating, Add	*1,631.87*	
		For Class 56 Rating, Add	*2,166.61*	
40 05 19 00-2433	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,618.90	1,224.37
		For Class 52 Rating, Deduct	*-854.02*	
		For Class 54 Rating, Add	*1,186.83*	
		For Class 55 Rating, Add	*1,775.85*	
		For Class 56 Rating, Add	*2,357.10*	
40 05 19 00-2434	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,270.18	1,228.54
		For Class 52 Rating, Deduct	*-924.96*	
		For Class 54 Rating, Add	*1,283.65*	
		For Class 55 Rating, Add	*1,919.83*	
		For Class 56 Rating, Add	*2,547.59*	
40 05 19 00-2435	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,921.47	1,232.73
		For Class 52 Rating, Deduct	*-995.91*	
		For Class 54 Rating, Add	*1,380.47*	
		For Class 55 Rating, Add	*2,063.80*	
		For Class 56 Rating, Add	*2,738.08*	
40 05 19 00-2436	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,572.76	1,236.91
		For Class 52 Rating, Deduct	*-1,066.85*	
		For Class 54 Rating, Add	*1,477.29*	
		For Class 55 Rating, Add	*2,207.78*	
		For Class 56 Rating, Add	*2,928.57*	
40 05 19 00-2437	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,224.05	1,241.08
		For Class 52 Rating, Deduct	*-1,137.80*	
		For Class 54 Rating, Add	*1,574.11*	
		For Class 55 Rating, Add	*2,351.76*	
		For Class 56 Rating, Add	*3,119.06*	
40 05 19 00-2438	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,875.33	1,245.26
		For Class 52 Rating, Deduct	*-1,208.74*	
		For Class 54 Rating, Add	*1,670.93*	
		For Class 55 Rating, Add	*2,495.73*	
		For Class 56 Rating, Add	*3,309.55*	
40 05 19 00-2439	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,526.62	1,249.45
		For Class 52 Rating, Deduct	*-1,279.69*	
		For Class 54 Rating, Add	*1,767.75*	
		For Class 55 Rating, Add	*2,639.71*	
		For Class 56 Rating, Add	*3,500.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2440	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,177.90	1,253.62
		For Class 52 Rating, Deduct	*-1,350.63*	
		For Class 54 Rating, Add	*1,864.57*	
		For Class 55 Rating, Add	*2,783.69*	
		For Class 56 Rating, Add	*3,690.53*	
40 05 19 00-2441	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,829.19	1,257.80
		For Class 52 Rating, Deduct	*-1,421.58*	
		For Class 54 Rating, Add	*1,961.39*	
		For Class 55 Rating, Add	*2,927.67*	
		For Class 56 Rating, Add	*3,881.02*	
40 05 19 00-2442	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,480.48	1,261.97
		For Class 52 Rating, Deduct	*-1,492.52*	
		For Class 54 Rating, Add	*2,058.20*	
		For Class 55 Rating, Add	*3,071.64*	
		For Class 56 Rating, Add	*4,071.51*	
40 05 19 00-2443	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,131.77	1,266.15
		For Class 52 Rating, Deduct	*-1,563.47*	
		For Class 54 Rating, Add	*2,155.02*	
		For Class 55 Rating, Add	*3,215.62*	
		For Class 56 Rating, Add	*4,262.00*	
40 05 19 00-2444	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,783.05	1,270.34
		For Class 52 Rating, Deduct	*-1,634.41*	
		For Class 54 Rating, Add	*2,251.84*	
		For Class 55 Rating, Add	*3,359.59*	
		For Class 56 Rating, Add	*4,452.49*	
40 05 19 00-2445	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,434.34	1,274.51
		For Class 52 Rating, Deduct	*-1,705.36*	
		For Class 54 Rating, Add	*2,348.66*	
		For Class 55 Rating, Add	*3,503.57*	
		For Class 56 Rating, Add	*4,642.98*	
40 05 19 00-2446	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,085.62	1,278.69
		For Class 52 Rating, Deduct	*-1,776.30*	
		For Class 54 Rating, Add	*2,445.48*	
		For Class 55 Rating, Add	*3,647.55*	
		For Class 56 Rating, Add	*4,833.47*	
40 05 19 00-2447	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,736.90	1,282.87
		For Class 52 Rating, Deduct	*-1,847.25*	
		For Class 54 Rating, Add	*2,542.30*	
		For Class 55 Rating, Add	*3,791.52*	
		For Class 56 Rating, Add	*5,023.96*	
40 05 19 00-2448	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,388.19	1,287.05
		For Class 52 Rating, Deduct	*-1,918.19*	
		For Class 54 Rating, Add	*2,639.12*	
		For Class 55 Rating, Add	*3,935.50*	
		For Class 56 Rating, Add	*5,214.45*	
40 05 19 00-2449	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,039.48	1,291.23
		For Class 52 Rating, Deduct	*-1,989.14*	
		For Class 54 Rating, Add	*2,735.94*	
		For Class 55 Rating, Add	*4,079.48*	
		For Class 56 Rating, Add	*5,404.94*	
40 05 19 00-2450	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,690.77	1,295.41
		For Class 52 Rating, Deduct	*-2,060.08*	
		For Class 54 Rating, Add	*2,832.76*	
		For Class 55 Rating, Add	*4,223.46*	
		For Class 56 Rating, Add	*5,595.43*	
40 05 19 00-2451	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,342.05	1,299.58
		For Class 52 Rating, Deduct	*-2,131.03*	
		For Class 54 Rating, Add	*2,929.58*	
		For Class 55 Rating, Add	*4,367.43*	
		For Class 56 Rating, Add	*5,785.92*	
40 05 19 00-2452	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,993.34	1,303.77
		For Class 52 Rating, Deduct	*-2,201.97*	
		For Class 54 Rating, Add	*3,026.40*	
		For Class 55 Rating, Add	*4,511.41*	
		For Class 56 Rating, Add	*5,976.41*	
40 05 19 00-2453	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,644.62	1,307.95
		For Class 52 Rating, Deduct	*-2,272.92*	
		For Class 54 Rating, Add	*3,123.21*	
		For Class 55 Rating, Add	*4,655.39*	
		For Class 56 Rating, Add	*6,166.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2454	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,295.91	1,312.12
		For Class 52 Rating, Deduct	*-2,343.86*	
		For Class 54 Rating, Add	*3,220.03*	
		For Class 55 Rating, Add	*4,799.36*	
		For Class 56 Rating, Add	*6,357.39*	
40 05 19 00-2455	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,947.20	1,316.30
		For Class 52 Rating, Deduct	*-2,414.81*	
		For Class 54 Rating, Add	*3,316.85*	
		For Class 55 Rating, Add	*4,943.34*	
		For Class 56 Rating, Add	*6,547.87*	
40 05 19 00-2456	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,598.49	1,320.47
		For Class 52 Rating, Deduct	*-2,485.75*	
		For Class 54 Rating, Add	*3,413.67*	
		For Class 55 Rating, Add	*5,087.32*	
		For Class 56 Rating, Add	*6,738.37*	
40 05 19 00-2457	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,249.77	1,324.66
		For Class 52 Rating, Deduct	*-2,556.70*	
		For Class 54 Rating, Add	*3,510.49*	
		For Class 55 Rating, Add	*5,231.29*	
		For Class 56 Rating, Add	*6,928.85*	
40 05 19 00-2458	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,901.06	1,328.84
		For Class 52 Rating, Deduct	*-2,627.64*	
		For Class 54 Rating, Add	*3,607.31*	
		For Class 55 Rating, Add	*5,375.27*	
		For Class 56 Rating, Add	*7,119.34*	
40 05 19 00-2459	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,552.34	1,333.01
		For Class 52 Rating, Deduct	*-2,698.59*	
		For Class 54 Rating, Add	*3,704.13*	
		For Class 55 Rating, Add	*5,519.25*	
		For Class 56 Rating, Add	*7,309.83*	
40 05 19 00-2460	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,203.63	1,337.19
		For Class 52 Rating, Deduct	*-2,769.53*	
		For Class 54 Rating, Add	*3,800.95*	
		For Class 55 Rating, Add	*5,663.23*	
		For Class 56 Rating, Add	*7,500.32*	
40 05 19 00-2461	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,962.54	1,412.41
		For Class 52 Rating, Deduct	*-2,840.48*	
		For Class 54 Rating, Add	*3,899.06*	
		For Class 55 Rating, Add	*5,809.78*	
		For Class 56 Rating, Add	*7,694.69*	
40 05 19 00-2462	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,613.83	1,416.59
		For Class 52 Rating, Deduct	*-2,911.42*	
		For Class 54 Rating, Add	*3,995.88*	
		For Class 55 Rating, Add	*5,953.76*	
		For Class 56 Rating, Add	*7,885.18*	
40 05 19 00-2463	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,265.12	1,420.77
		For Class 52 Rating, Deduct	*-2,982.37*	
		For Class 54 Rating, Add	*4,092.70*	
		For Class 55 Rating, Add	*6,097.74*	
		For Class 56 Rating, Add	*8,075.67*	
40 05 19 00-2464	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,916.41	1,424.95
		For Class 52 Rating, Deduct	*-3,053.31*	
		For Class 54 Rating, Add	*4,189.52*	
		For Class 55 Rating, Add	*6,241.72*	
		For Class 56 Rating, Add	*8,266.16*	
40 05 19 00-2465	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,567.69	1,429.12
		For Class 52 Rating, Deduct	*-3,124.26*	
		For Class 54 Rating, Add	*4,286.34*	
		For Class 55 Rating, Add	*6,385.69*	
		For Class 56 Rating, Add	*8,456.65*	
40 05 19 00-2466	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,218.98	1,433.31
		For Class 52 Rating, Deduct	*-3,195.20*	
		For Class 54 Rating, Add	*4,383.16*	
		For Class 55 Rating, Add	*6,529.67*	
		For Class 56 Rating, Add	*8,647.14*	
40 05 19 00-2467	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,870.26	1,437.48
		For Class 52 Rating, Deduct	*-3,266.15*	
		For Class 54 Rating, Add	*4,479.98*	
		For Class 55 Rating, Add	*6,673.65*	
		For Class 56 Rating, Add	*8,837.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2468	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,521.55	1,441.66
		For Class 52 Rating, Deduct	*-3,337.09*	
		For Class 54 Rating, Add	*4,576.79*	
		For Class 55 Rating, Add	*6,817.62*	
		For Class 56 Rating, Add	*9,028.12*	
40 05 19 00-2469	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,172.83	1,445.84
		For Class 52 Rating, Deduct	*-3,408.04*	
		For Class 54 Rating, Add	*4,673.61*	
		For Class 55 Rating, Add	*6,961.60*	
		For Class 56 Rating, Add	*9,218.60*	

40 05 19 00-2470 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2471	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,877.00	1,721.63
		For Class 52 Rating, Deduct	*-1,239.53*	
		For Class 54 Rating, Add	*1,721.57*	
		For Class 55 Rating, Add	*2,575.47*	
		For Class 56 Rating, Add	*3,418.10*	
40 05 19 00-2472	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,808.17	1,725.82
		For Class 52 Rating, Deduct	*-1,341.26*	
		For Class 54 Rating, Add	*1,860.37*	
		For Class 55 Rating, Add	*2,781.86*	
		For Class 56 Rating, Add	*3,691.16*	
40 05 19 00-2473	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,739.34	1,730.00
		For Class 52 Rating, Deduct	*-1,443.00*	
		For Class 54 Rating, Add	*1,999.18*	
		For Class 55 Rating, Add	*2,988.25*	
		For Class 56 Rating, Add	*3,964.21*	
40 05 19 00-2474	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,670.51	1,734.17
		For Class 52 Rating, Deduct	*-1,544.73*	
		For Class 54 Rating, Add	*2,137.98*	
		For Class 55 Rating, Add	*3,194.65*	
		For Class 56 Rating, Add	*4,237.27*	
40 05 19 00-2475	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,601.68	1,738.35
		For Class 52 Rating, Deduct	*-1,646.46*	
		For Class 54 Rating, Add	*2,276.78*	
		For Class 55 Rating, Add	*3,401.04*	
		For Class 56 Rating, Add	*4,510.33*	
40 05 19 00-2476	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,532.86	1,742.53
		For Class 52 Rating, Deduct	*-1,748.19*	
		For Class 54 Rating, Add	*2,415.58*	
		For Class 55 Rating, Add	*3,607.43*	
		For Class 56 Rating, Add	*4,783.38*	
40 05 19 00-2477	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,464.03	1,746.71
		For Class 52 Rating, Deduct	*-1,849.93*	
		For Class 54 Rating, Add	*2,554.38*	
		For Class 55 Rating, Add	*3,813.82*	
		For Class 56 Rating, Add	*5,056.44*	
40 05 19 00-2478	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,395.20	1,750.89
		For Class 52 Rating, Deduct	*-1,951.66*	
		For Class 54 Rating, Add	*2,693.19*	
		For Class 55 Rating, Add	*4,020.21*	
		For Class 56 Rating, Add	*5,329.49*	
40 05 19 00-2479	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,326.37	1,755.06
		For Class 52 Rating, Deduct	*-2,053.39*	
		For Class 54 Rating, Add	*2,831.99*	
		For Class 55 Rating, Add	*4,226.60*	
		For Class 56 Rating, Add	*5,602.55*	
40 05 19 00-2480	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,257.55	1,759.24
		For Class 52 Rating, Deduct	*-2,155.12*	
		For Class 54 Rating, Add	*2,970.79*	
		For Class 55 Rating, Add	*4,433.00*	
		For Class 56 Rating, Add	*5,875.61*	
40 05 19 00-2481	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,188.72	1,763.43
		For Class 52 Rating, Deduct	*-2,256.86*	
		For Class 54 Rating, Add	*3,109.59*	
		For Class 55 Rating, Add	*4,639.39*	
		For Class 56 Rating, Add	*6,148.66*	
40 05 19 00-2482	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,119.90	1,767.60
		For Class 52 Rating, Deduct	*-2,358.59*	
		For Class 54 Rating, Add	*3,248.39*	
		For Class 55 Rating, Add	*4,845.78*	
		For Class 56 Rating, Add	*6,421.72*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2483	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,051.07	1,771.78
		For Class 52 Rating, Deduct	*-2,460.32*	
		For Class 54 Rating, Add	*3,387.20*	
		For Class 55 Rating, Add	*5,052.17*	
		For Class 56 Rating, Add	*6,694.77*	
40 05 19 00-2484	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,982.24	1,775.96
		For Class 52 Rating, Deduct	*-2,562.05*	
		For Class 54 Rating, Add	*3,526.00*	
		For Class 55 Rating, Add	*5,258.56*	
		For Class 56 Rating, Add	*6,967.83*	
40 05 19 00-2485	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,913.41	1,780.14
		For Class 52 Rating, Deduct	*-2,663.79*	
		For Class 54 Rating, Add	*3,664.80*	
		For Class 55 Rating, Add	*5,464.95*	
		For Class 56 Rating, Add	*7,240.89*	
40 05 19 00-2486	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,844.58	1,784.32
		For Class 52 Rating, Deduct	*-2,765.52*	
		For Class 54 Rating, Add	*3,803.60*	
		For Class 55 Rating, Add	*5,671.34*	
		For Class 56 Rating, Add	*7,513.94*	
40 05 19 00-2487	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,775.75	1,788.50
		For Class 52 Rating, Deduct	*-2,867.25*	
		For Class 54 Rating, Add	*3,942.40*	
		For Class 55 Rating, Add	*5,877.73*	
		For Class 56 Rating, Add	*7,787.00*	
40 05 19 00-2488	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,706.92	1,792.67
		For Class 52 Rating, Deduct	*-2,968.98*	
		For Class 54 Rating, Add	*4,081.21*	
		For Class 55 Rating, Add	*6,084.13*	
		For Class 56 Rating, Add	*8,060.05*	
40 05 19 00-2489	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,638.10	1,796.86
		For Class 52 Rating, Deduct	*-3,070.71*	
		For Class 54 Rating, Add	*4,220.01*	
		For Class 55 Rating, Add	*6,290.52*	
		For Class 56 Rating, Add	*8,333.11*	
40 05 19 00-2490	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,569.28	1,801.03
		For Class 52 Rating, Deduct	*-3,172.45*	
		For Class 54 Rating, Add	*4,358.81*	
		For Class 55 Rating, Add	*6,496.91*	
		For Class 56 Rating, Add	*8,606.17*	
40 05 19 00-2491	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,500.45	1,805.21
		For Class 52 Rating, Deduct	*-3,274.18*	
		For Class 54 Rating, Add	*4,497.61*	
		For Class 55 Rating, Add	*6,703.30*	
		For Class 56 Rating, Add	*8,879.22*	
40 05 19 00-2492	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,431.62	1,809.39
		For Class 52 Rating, Deduct	*-3,375.91*	
		For Class 54 Rating, Add	*4,636.42*	
		For Class 55 Rating, Add	*6,909.69*	
		For Class 56 Rating, Add	*9,152.28*	
40 05 19 00-2493	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,362.79	1,813.56
		For Class 52 Rating, Deduct	*-3,477.65*	
		For Class 54 Rating, Add	*4,775.22*	
		For Class 55 Rating, Add	*7,116.08*	
		For Class 56 Rating, Add	*9,425.34*	
40 05 19 00-2494	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,293.96	1,817.75
		For Class 52 Rating, Deduct	*-3,579.38*	
		For Class 54 Rating, Add	*4,914.02*	
		For Class 55 Rating, Add	*7,322.48*	
		For Class 56 Rating, Add	*9,698.39*	
40 05 19 00-2495	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,225.14	1,821.93
		For Class 52 Rating, Deduct	*-3,681.11*	
		For Class 54 Rating, Add	*5,052.82*	
		For Class 55 Rating, Add	*7,528.87*	
		For Class 56 Rating, Add	*9,971.45*	
40 05 19 00-2496	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,156.31	1,826.10
		For Class 52 Rating, Deduct	*-3,782.84*	
		For Class 54 Rating, Add	*5,191.62*	
		For Class 55 Rating, Add	*7,735.26*	
		For Class 56 Rating, Add	*10,244.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2497		EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,087.48	1,830.28
			For Class 52 Rating, Deduct	*-3,884.58*	
			For Class 54 Rating, Add	*5,330.43*	
			For Class 55 Rating, Add	*7,941.65*	
			For Class 56 Rating, Add	*10,517.56*	
40 05 19 00-2498		EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,018.65	1,834.47
			For Class 52 Rating, Deduct	*-3,986.31*	
			For Class 54 Rating, Add	*5,469.23*	
			For Class 55 Rating, Add	*8,148.04*	
			For Class 56 Rating, Add	*10,790.61*	
40 05 19 00-2499		EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,949.82	1,838.64
			For Class 52 Rating, Deduct	*-4,088.04*	
			For Class 54 Rating, Add	*5,608.03*	
			For Class 55 Rating, Add	*8,354.43*	
			For Class 56 Rating, Add	*11,063.67*	
40 05 19 00-2500		EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,880.99	1,842.82
			For Class 52 Rating, Deduct	*-4,189.77*	
			For Class 54 Rating, Add	*5,746.83*	
			For Class 55 Rating, Add	*8,560.82*	
			For Class 56 Rating, Add	*11,336.73*	
40 05 19 00-2501		EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,812.18	1,847.00
			For Class 52 Rating, Deduct	*-4,291.51*	
			For Class 54 Rating, Add	*5,885.64*	
			For Class 55 Rating, Add	*8,767.22*	
			For Class 56 Rating, Add	*11,609.78*	
40 05 19 00-2502		EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,743.35	1,851.18
			For Class 52 Rating, Deduct	*-4,393.24*	
			For Class 54 Rating, Add	*6,024.44*	
			For Class 55 Rating, Add	*8,973.61*	
			For Class 56 Rating, Add	*11,882.84*	
40 05 19 00-2503		EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,674.52	1,855.36
			For Class 52 Rating, Deduct	*-4,494.97*	
			For Class 54 Rating, Add	*6,163.24*	
			For Class 55 Rating, Add	*9,180.00*	
			For Class 56 Rating, Add	*12,155.90*	
40 05 19 00-2504		EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,605.69	1,859.54
			For Class 52 Rating, Deduct	*-4,596.70*	
			For Class 54 Rating, Add	*6,302.04*	
			For Class 55 Rating, Add	*9,386.39*	
			For Class 56 Rating, Add	*12,428.95*	
40 05 19 00-2505		EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,536.86	1,863.71
			For Class 52 Rating, Deduct	*-4,698.44*	
			For Class 54 Rating, Add	*6,440.84*	
			For Class 55 Rating, Add	*9,592.78*	
			For Class 56 Rating, Add	*12,702.01*	

40 05 19 00-2506 36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2507		EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,371.06	2,181.30
			For Class 52 Rating, Deduct	*-1,767.27*	
			For Class 54 Rating, Add	*2,449.57*	
			For Class 55 Rating, Add	*3,662.05*	
			For Class 56 Rating, Add	*4,858.47*	
40 05 19 00-2508		EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,618.62	2,185.48
			For Class 52 Rating, Deduct	*-1,903.80*	
			For Class 54 Rating, Add	*2,635.83*	
			For Class 55 Rating, Add	*3,939.00*	
			For Class 56 Rating, Add	*5,224.86*	
40 05 19 00-2509		EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,866.19	2,189.65
			For Class 52 Rating, Deduct	*-2,040.34*	
			For Class 54 Rating, Add	*2,822.09*	
			For Class 55 Rating, Add	*4,215.95*	
			For Class 56 Rating, Add	*5,591.25*	
40 05 19 00-2510		EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,113.76	2,193.83
			For Class 52 Rating, Deduct	*-2,176.87*	
			For Class 54 Rating, Add	*3,008.35*	
			For Class 55 Rating, Add	*4,492.89*	
			For Class 56 Rating, Add	*5,957.65*	
40 05 19 00-2511		EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,361.33	2,198.02
			For Class 52 Rating, Deduct	*-2,313.41*	
			For Class 54 Rating, Add	*3,194.62*	
			For Class 55 Rating, Add	*4,769.84*	
			For Class 56 Rating, Add	*6,324.04*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2512	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,608.89	2,202.19
		For Class 52 Rating, Deduct	*-2,449.95*	
		For Class 54 Rating, Add	*3,380.88*	
		For Class 55 Rating, Add	*5,046.79*	
		For Class 56 Rating, Add	*6,690.43*	
40 05 19 00-2513	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,856.45	2,206.37
		For Class 52 Rating, Deduct	*-2,586.48*	
		For Class 54 Rating, Add	*3,567.14*	
		For Class 55 Rating, Add	*5,323.74*	
		For Class 56 Rating, Add	*7,056.82*	
40 05 19 00-2514	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,104.02	2,210.55
		For Class 52 Rating, Deduct	*-2,723.02*	
		For Class 54 Rating, Add	*3,753.40*	
		For Class 55 Rating, Add	*5,600.68*	
		For Class 56 Rating, Add	*7,423.21*	
40 05 19 00-2515	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,351.58	2,214.72
		For Class 52 Rating, Deduct	*-2,859.55*	
		For Class 54 Rating, Add	*3,939.66*	
		For Class 55 Rating, Add	*5,877.63*	
		For Class 56 Rating, Add	*7,789.61*	
40 05 19 00-2516	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,599.15	2,218.91
		For Class 52 Rating, Deduct	*-2,996.09*	
		For Class 54 Rating, Add	*4,125.92*	
		For Class 55 Rating, Add	*6,154.58*	
		For Class 56 Rating, Add	*8,156.00*	
40 05 19 00-2517	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,846.72	2,223.09
		For Class 52 Rating, Deduct	*-3,132.63*	
		For Class 54 Rating, Add	*4,312.18*	
		For Class 55 Rating, Add	*6,431.52*	
		For Class 56 Rating, Add	*8,522.39*	
40 05 19 00-2518	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,094.28	2,227.26
		For Class 52 Rating, Deduct	*-3,269.16*	
		For Class 54 Rating, Add	*4,498.44*	
		For Class 55 Rating, Add	*6,708.47*	
		For Class 56 Rating, Add	*8,888.78*	
40 05 19 00-2519	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,341.85	2,231.44
		For Class 52 Rating, Deduct	*-3,405.70*	
		For Class 54 Rating, Add	*4,684.70*	
		For Class 55 Rating, Add	*6,985.42*	
		For Class 56 Rating, Add	*9,255.17*	
40 05 19 00-2520	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,589.41	2,235.62
		For Class 52 Rating, Deduct	*-3,542.23*	
		For Class 54 Rating, Add	*4,870.96*	
		For Class 55 Rating, Add	*7,262.37*	
		For Class 56 Rating, Add	*9,621.57*	
40 05 19 00-2521	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,836.97	2,239.80
		For Class 52 Rating, Deduct	*-3,678.77*	
		For Class 54 Rating, Add	*5,057.22*	
		For Class 55 Rating, Add	*7,539.31*	
		For Class 56 Rating, Add	*9,987.96*	
40 05 19 00-2522	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,084.55	2,243.98
		For Class 52 Rating, Deduct	*-3,815.30*	
		For Class 54 Rating, Add	*5,243.49*	
		For Class 55 Rating, Add	*7,816.26*	
		For Class 56 Rating, Add	*10,354.35*	
40 05 19 00-2523	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,332.11	2,248.15
		For Class 52 Rating, Deduct	*-3,951.84*	
		For Class 54 Rating, Add	*5,429.75*	
		For Class 55 Rating, Add	*8,093.21*	
		For Class 56 Rating, Add	*10,720.74*	
40 05 19 00-2524	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,579.68	2,252.34
		For Class 52 Rating, Deduct	*-4,088.38*	
		For Class 54 Rating, Add	*5,616.01*	
		For Class 55 Rating, Add	*8,370.16*	
		For Class 56 Rating, Add	*11,087.13*	
40 05 19 00-2525	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,827.24	2,256.52
		For Class 52 Rating, Deduct	*-4,224.91*	
		For Class 54 Rating, Add	*5,802.27*	
		For Class 55 Rating, Add	*8,647.10*	
		For Class 56 Rating, Add	*11,453.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2526	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,074.80	2,260.69
		For Class 52 Rating, Deduct	*-4,361.45*	
		For Class 54 Rating, Add	*5,988.53*	
		For Class 55 Rating, Add	*8,924.05*	
		For Class 56 Rating, Add	*11,819.92*	
40 05 19 00-2527	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,322.37	2,264.87
		For Class 52 Rating, Deduct	*-4,497.98*	
		For Class 54 Rating, Add	*6,174.79*	
		For Class 55 Rating, Add	*9,201.00*	
		For Class 56 Rating, Add	*12,186.31*	
40 05 19 00-2528	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,569.93	2,269.05
		For Class 52 Rating, Deduct	*-4,634.52*	
		For Class 54 Rating, Add	*6,361.05*	
		For Class 55 Rating, Add	*9,477.94*	
		For Class 56 Rating, Add	*12,552.70*	
40 05 19 00-2529	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,817.51	2,273.23
		For Class 52 Rating, Deduct	*-4,771.05*	
		For Class 54 Rating, Add	*6,547.31*	
		For Class 55 Rating, Add	*9,754.89*	
		For Class 56 Rating, Add	*12,919.09*	
40 05 19 00-2530	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,065.07	2,277.41
		For Class 52 Rating, Deduct	*-4,907.59*	
		For Class 54 Rating, Add	*6,733.57*	
		For Class 55 Rating, Add	*10,031.84*	
		For Class 56 Rating, Add	*13,285.49*	
40 05 19 00-2531	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,312.63	2,281.59
		For Class 52 Rating, Deduct	*-5,044.12*	
		For Class 54 Rating, Add	*6,919.84*	
		For Class 55 Rating, Add	*10,308.78*	
		For Class 56 Rating, Add	*13,651.88*	
40 05 19 00-2532	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,560.20	2,285.76
		For Class 52 Rating, Deduct	*-5,180.66*	
		For Class 54 Rating, Add	*7,106.10*	
		For Class 55 Rating, Add	*10,585.73*	
		For Class 56 Rating, Add	*14,018.27*	
40 05 19 00-2533	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,807.76	2,289.95
		For Class 52 Rating, Deduct	*-5,317.20*	
		For Class 54 Rating, Add	*7,292.36*	
		For Class 55 Rating, Add	*10,862.68*	
		For Class 56 Rating, Add	*14,384.66*	
40 05 19 00-2534	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,055.33	2,294.12
		For Class 52 Rating, Deduct	*-5,453.73*	
		For Class 54 Rating, Add	*7,478.62*	
		For Class 55 Rating, Add	*11,139.63*	
		For Class 56 Rating, Add	*14,751.05*	
40 05 19 00-2535	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,302.90	2,298.30
		For Class 52 Rating, Deduct	*-5,590.27*	
		For Class 54 Rating, Add	*7,664.88*	
		For Class 55 Rating, Add	*11,416.57*	
		For Class 56 Rating, Add	*15,117.44*	
40 05 19 00-2536	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,550.46	2,302.48
		For Class 52 Rating, Deduct	*-5,726.80*	
		For Class 54 Rating, Add	*7,851.14*	
		For Class 55 Rating, Add	*11,693.52*	
		For Class 56 Rating, Add	*15,483.84*	
40 05 19 00-2537	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,798.03	2,306.66
		For Class 52 Rating, Deduct	*-5,863.34*	
		For Class 54 Rating, Add	*8,037.40*	
		For Class 55 Rating, Add	*11,970.47*	
		For Class 56 Rating, Add	*15,850.23*	
40 05 19 00-2538	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,045.59	2,310.84
		For Class 52 Rating, Deduct	*-5,999.88*	
		For Class 54 Rating, Add	*8,223.66*	
		For Class 55 Rating, Add	*12,247.41*	
		For Class 56 Rating, Add	*16,216.62*	
40 05 19 00-2539	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,293.15	2,315.02
		For Class 52 Rating, Deduct	*-6,136.41*	
		For Class 54 Rating, Add	*8,409.92*	
		For Class 55 Rating, Add	*12,524.36*	
		For Class 56 Rating, Add	*16,583.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2540	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,540.72	2,319.19
		For Class 52 Rating, Deduct	*-6,272.95*	
		For Class 54 Rating, Add	*8,596.19*	
		For Class 55 Rating, Add	*12,801.31*	
		For Class 56 Rating, Add	*16,949.40*	
40 05 19 00-2541	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,788.28	2,323.37
		For Class 52 Rating, Deduct	*-6,409.48*	
		For Class 54 Rating, Add	*8,782.45*	
		For Class 55 Rating, Add	*13,078.25*	
		For Class 56 Rating, Add	*17,315.80*	

40 05 19 00-2542 42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2543	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,598.65	2,749.61
		For Class 52 Rating, Deduct	*-2,357.58*	
		For Class 54 Rating, Add	*3,264.88*	
		For Class 55 Rating, Add	*4,879.45*	
		For Class 56 Rating, Add	*6,472.59*	
40 05 19 00-2544	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,430.32	2,753.78
		For Class 52 Rating, Deduct	*-2,558.37*	
		For Class 54 Rating, Add	*3,538.76*	
		For Class 55 Rating, Add	*5,286.65*	
		For Class 56 Rating, Add	*7,011.29*	
40 05 19 00-2545	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,246.79	2,757.96
		For Class 52 Rating, Deduct	*-2,757.49*	
		For Class 54 Rating, Add	*3,810.35*	
		For Class 55 Rating, Add	*5,690.47*	
		For Class 56 Rating, Add	*7,545.51*	
40 05 19 00-2546	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,081.50	2,762.15
		For Class 52 Rating, Deduct	*-2,958.61*	
		For Class 54 Rating, Add	*4,084.69*	
		For Class 55 Rating, Add	*6,098.35*	
		For Class 56 Rating, Add	*8,085.11*	
40 05 19 00-2547	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,904.05	2,766.32
		For Class 52 Rating, Deduct	*-3,158.39*	
		For Class 54 Rating, Add	*4,357.20*	
		For Class 55 Rating, Add	*6,503.52*	
		For Class 56 Rating, Add	*8,621.12*	
40 05 19 00-2548	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,744.85	2,770.50
		For Class 52 Rating, Deduct	*-3,360.18*	
		For Class 54 Rating, Add	*4,632.44*	
		For Class 55 Rating, Add	*6,912.76*	
		For Class 56 Rating, Add	*9,162.52*	
40 05 19 00-2549	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,567.40	2,774.68
		For Class 52 Rating, Deduct	*-3,559.97*	
		For Class 54 Rating, Add	*4,904.95*	
		For Class 55 Rating, Add	*7,317.92*	
		For Class 56 Rating, Add	*9,698.53*	
40 05 19 00-2550	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,411.25	2,778.85
		For Class 52 Rating, Deduct	*-3,762.09*	
		For Class 54 Rating, Add	*5,180.65*	
		For Class 55 Rating, Add	*7,727.84*	
		For Class 56 Rating, Add	*10,240.83*	
40 05 19 00-2551	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,239.88	2,783.04
		For Class 52 Rating, Deduct	*-3,962.55*	
		For Class 54 Rating, Add	*5,454.07*	
		For Class 55 Rating, Add	*8,134.37*	
		For Class 56 Rating, Add	*10,778.63*	
40 05 19 00-2552	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,083.73	2,787.21
		For Class 52 Rating, Deduct	*-4,164.67*	
		For Class 54 Rating, Add	*5,729.78*	
		For Class 55 Rating, Add	*8,544.28*	
		For Class 56 Rating, Add	*11,320.93*	
40 05 19 00-2553	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,912.36	2,791.39
		For Class 52 Rating, Deduct	*-4,365.13*	
		For Class 54 Rating, Add	*6,003.20*	
		For Class 55 Rating, Add	*8,950.81*	
		For Class 56 Rating, Add	*11,858.74*	
40 05 19 00-2554	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,759.24	2,795.57
		For Class 52 Rating, Deduct	*-4,567.59*	
		For Class 54 Rating, Add	*6,279.36*	
		For Class 55 Rating, Add	*9,361.40*	
		For Class 56 Rating, Add	*12,401.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2555	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,587.88	2,799.75
		For Class 52 Rating, Deduct	*-4,768.04*	
		For Class 54 Rating, Add	*6,552.78*	
		For Class 55 Rating, Add	*9,767.93*	
		For Class 56 Rating, Add	*12,939.74*	
40 05 19 00-2556	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,422.60	2,803.93
		For Class 52 Rating, Deduct	*-4,969.16*	
		For Class 54 Rating, Add	*6,827.11*	
		For Class 55 Rating, Add	*10,175.81*	
		For Class 56 Rating, Add	*13,479.34*	
40 05 19 00-2557	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,266.44	2,808.11
		For Class 52 Rating, Deduct	*-5,171.29*	
		For Class 54 Rating, Add	*7,102.82*	
		For Class 55 Rating, Add	*10,585.73*	
		For Class 56 Rating, Add	*14,021.63*	
40 05 19 00-2558	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,098.12	2,812.28
		For Class 52 Rating, Deduct	*-5,372.08*	
		For Class 54 Rating, Add	*7,376.69*	
		For Class 55 Rating, Add	*10,992.93*	
		For Class 56 Rating, Add	*14,560.34*	
40 05 19 00-2559	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,951.09	2,816.46
		For Class 52 Rating, Deduct	*-5,575.21*	
		For Class 54 Rating, Add	*7,653.77*	
		For Class 55 Rating, Add	*11,404.89*	
		For Class 56 Rating, Add	*15,105.32*	
40 05 19 00-2560	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,785.80	2,820.65
		For Class 52 Rating, Deduct	*-5,776.33*	
		For Class 54 Rating, Add	*7,928.10*	
		For Class 55 Rating, Add	*11,812.77*	
		For Class 56 Rating, Add	*15,644.92*	
40 05 19 00-2561	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,635.73	2,824.82
		For Class 52 Rating, Deduct	*-5,979.13*	
		For Class 54 Rating, Add	*8,204.72*	
		For Class 55 Rating, Add	*12,224.04*	
		For Class 56 Rating, Add	*16,189.01*	
40 05 19 00-2562	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,467.42	2,829.00
		For Class 52 Rating, Deduct	*-6,179.92*	
		For Class 54 Rating, Add	*8,478.59*	
		For Class 55 Rating, Add	*12,631.25*	
		For Class 56 Rating, Add	*16,727.72*	
40 05 19 00-2563	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,323.43	2,833.18
		For Class 52 Rating, Deduct	*-6,383.38*	
		For Class 54 Rating, Add	*8,756.12*	
		For Class 55 Rating, Add	*13,043.88*	
		For Class 56 Rating, Add	*17,273.60*	
40 05 19 00-2564	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,158.14	2,837.36
		For Class 52 Rating, Deduct	*-6,584.50*	
		For Class 54 Rating, Add	*9,030.45*	
		For Class 55 Rating, Add	*13,451.76*	
		For Class 56 Rating, Add	*17,813.20*	
40 05 19 00-2565	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,008.07	2,841.54
		For Class 52 Rating, Deduct	*-6,787.30*	
		For Class 54 Rating, Add	*9,307.07*	
		For Class 55 Rating, Add	*13,863.03*	
		For Class 56 Rating, Add	*18,357.29*	
40 05 19 00-2566	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,842.79	2,845.71
		For Class 52 Rating, Deduct	*-6,988.42*	
		For Class 54 Rating, Add	*9,581.41*	
		For Class 55 Rating, Add	*14,270.92*	
		For Class 56 Rating, Add	*18,896.90*	
40 05 19 00-2567	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,698.80	2,849.89
		For Class 52 Rating, Deduct	*-7,191.89*	
		For Class 54 Rating, Add	*9,858.93*	
		For Class 55 Rating, Add	*14,683.55*	
		For Class 56 Rating, Add	*19,442.78*	
40 05 19 00-2568	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,533.52	2,854.08
		For Class 52 Rating, Deduct	*-7,393.01*	
		For Class 54 Rating, Add	*10,133.27*	
		For Class 55 Rating, Add	*15,091.43*	
		For Class 56 Rating, Add	*19,982.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2569	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,383.45	2,858.25
		For Class 52 Rating, Deduct	*-7,595.80*	
		For Class 54 Rating, Add	*10,409.88*	
		For Class 55 Rating, Add	*15,502.70*	
		For Class 56 Rating, Add	*20,526.47*	
40 05 19 00-2570	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,221.21	2,862.43
		For Class 52 Rating, Deduct	*-7,797.26*	
		For Class 54 Rating, Add	*10,684.67*	
		For Class 55 Rating, Add	*15,911.26*	
		For Class 56 Rating, Add	*21,066.97*	
40 05 19 00-2571	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,709.11	2,866.61
		For Class 52 Rating, Deduct	*-7,960.23*	
		For Class 54 Rating, Add	*10,906.98*	
		For Class 55 Rating, Add	*16,241.80*	
		For Class 56 Rating, Add	*21,504.26*	
40 05 19 00-2572	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,911.94	2,870.78
		For Class 52 Rating, Deduct	*-8,201.85*	
		For Class 54 Rating, Add	*11,236.54*	
		For Class 55 Rating, Add	*16,731.78*	
		For Class 56 Rating, Add	*22,152.46*	
40 05 19 00-2573	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,746.66	2,874.97
		For Class 52 Rating, Deduct	*-8,402.97*	
		For Class 54 Rating, Add	*11,510.87*	
		For Class 55 Rating, Add	*17,139.66*	
		For Class 56 Rating, Add	*22,692.06*	
40 05 19 00-2574	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,599.63	2,879.15
		For Class 52 Rating, Deduct	*-8,606.10*	
		For Class 54 Rating, Add	*11,787.94*	
		For Class 55 Rating, Add	*17,551.61*	
		For Class 56 Rating, Add	*23,237.04*	
40 05 19 00-2575	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,437.39	2,883.32
		For Class 52 Rating, Deduct	*-8,807.56*	
		For Class 54 Rating, Add	*12,062.73*	
		For Class 55 Rating, Add	*17,960.17*	
		For Class 56 Rating, Add	*23,777.54*	
40 05 19 00-2576	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	86,293.41	2,887.50
		For Class 52 Rating, Deduct	*-9,011.02*	
		For Class 54 Rating, Add	*12,340.26*	
		For Class 55 Rating, Add	*18,372.80*	
		For Class 56 Rating, Add	*24,323.43*	
40 05 19 00-2577	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,125.08	2,891.69
		For Class 52 Rating, Deduct	*-9,211.81*	
		For Class 54 Rating, Add	*12,614.14*	
		For Class 55 Rating, Add	*18,780.01*	
		For Class 56 Rating, Add	*24,862.13*	

40 05 19 00-2578 48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2579	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,108.18	3,455.81
		For Class 52 Rating, Deduct	*-2,955.93*	
		For Class 54 Rating, Add	*4,093.65*	
		For Class 55 Rating, Add	*6,118.15*	
		For Class 56 Rating, Add	*8,115.77*	
40 05 19 00-2580	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,724.75	3,459.99
		For Class 52 Rating, Deduct	*-3,243.06*	
		For Class 54 Rating, Add	*4,485.26*	
		For Class 55 Rating, Add	*6,700.38*	
		For Class 56 Rating, Add	*8,886.02*	
40 05 19 00-2581	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,347.40	3,464.17
		For Class 52 Rating, Deduct	*-3,530.85*	
		For Class 54 Rating, Add	*4,877.79*	
		For Class 55 Rating, Add	*7,283.97*	
		For Class 56 Rating, Add	*9,658.06*	
40 05 19 00-2582	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,000.49	3,468.34
		For Class 52 Rating, Deduct	*-3,822.00*	
		For Class 54 Rating, Add	*5,274.87*	
		For Class 55 Rating, Add	*7,874.35*	
		For Class 56 Rating, Add	*10,439.08*	
40 05 19 00-2583	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,644.45	3,472.52
		For Class 52 Rating, Deduct	*-4,112.14*	
		For Class 54 Rating, Add	*5,670.59*	
		For Class 55 Rating, Add	*8,462.69*	
		For Class 56 Rating, Add	*11,217.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2584	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,294.48	3,476.71
		For Class 52 Rating, Deduct	*-4,402.94*	
		For Class 54 Rating, Add	*6,067.23*	
		For Class 55 Rating, Add	*9,052.39*	
		For Class 56 Rating, Add	*11,997.53*	
40 05 19 00-2585	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,962.77	3,480.88
		For Class 52 Rating, Deduct	*-4,695.76*	
		For Class 54 Rating, Add	*6,466.60*	
		For Class 55 Rating, Add	*9,646.16*	
		For Class 56 Rating, Add	*12,783.04*	
40 05 19 00-2586	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,624.98	3,485.06
		For Class 52 Rating, Deduct	*-4,987.90*	
		For Class 54 Rating, Add	*6,865.05*	
		For Class 55 Rating, Add	*10,238.57*	
		For Class 56 Rating, Add	*13,566.75*	
40 05 19 00-2587	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,284.14	3,489.24
		For Class 52 Rating, Deduct	*-5,279.72*	
		For Class 54 Rating, Add	*7,263.05*	
		For Class 55 Rating, Add	*10,830.31*	
		For Class 56 Rating, Add	*14,349.56*	
40 05 19 00-2588	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,970.69	3,493.42
		For Class 52 Rating, Deduct	*-5,574.54*	
		For Class 54 Rating, Add	*7,665.16*	
		For Class 55 Rating, Add	*11,428.14*	
		For Class 56 Rating, Add	*15,140.45*	
40 05 19 00-2589	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,638.98	3,497.60
		For Class 52 Rating, Deduct	*-5,867.35*	
		For Class 54 Rating, Add	*8,064.53*	
		For Class 55 Rating, Add	*12,021.91*	
		For Class 56 Rating, Add	*15,925.96*	
40 05 19 00-2590	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,328.57	3,501.78
		For Class 52 Rating, Deduct	*-6,162.51*	
		For Class 54 Rating, Add	*8,467.10*	
		For Class 55 Rating, Add	*12,620.43*	
		For Class 56 Rating, Add	*16,717.75*	
40 05 19 00-2591	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,002.94	3,505.95
		For Class 52 Rating, Deduct	*-6,456.00*	
		For Class 54 Rating, Add	*8,867.38*	
		For Class 55 Rating, Add	*13,215.56*	
		For Class 56 Rating, Add	*17,505.05*	
40 05 19 00-2592	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,680.36	3,510.14
		For Class 52 Rating, Deduct	*-6,749.82*	
		For Class 54 Rating, Add	*9,268.12*	
		For Class 55 Rating, Add	*13,811.36*	
		For Class 56 Rating, Add	*18,293.25*	
40 05 19 00-2593	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,376.03	3,514.31
		For Class 52 Rating, Deduct	*-7,045.65*	
		For Class 54 Rating, Add	*9,671.59*	
		For Class 55 Rating, Add	*14,411.24*	
		For Class 56 Rating, Add	*19,086.83*	
40 05 19 00-2594	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,059.53	3,518.49
		For Class 52 Rating, Deduct	*-7,340.13*	
		For Class 54 Rating, Add	*10,073.25*	
		For Class 55 Rating, Add	*15,008.40*	
		For Class 56 Rating, Add	*19,876.82*	
40 05 19 00-2595	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,740.00	3,522.67
		For Class 52 Rating, Deduct	*-7,634.29*	
		For Class 54 Rating, Add	*10,474.44*	
		For Class 55 Rating, Add	*15,604.88*	
		For Class 56 Rating, Add	*20,665.92*	
40 05 19 00-2596	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,441.76	3,526.84
		For Class 52 Rating, Deduct	*-7,930.79*	
		For Class 54 Rating, Add	*10,878.83*	
		For Class 55 Rating, Add	*16,206.11*	
		For Class 56 Rating, Add	*21,461.30*	
40 05 19 00-2597	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,128.30	3,531.03
		For Class 52 Rating, Deduct	*-8,225.61*	
		For Class 54 Rating, Add	*11,280.94*	
		For Class 55 Rating, Add	*16,803.95*	
		For Class 56 Rating, Add	*22,252.19*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2598	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,811.80	3,535.21
		For Class 52 Rating, Deduct	*-8,520.10*	
		For Class 54 Rating, Add	*11,682.59*	
		For Class 55 Rating, Add	*17,401.11*	
		For Class 56 Rating, Add	*23,042.18*	
40 05 19 00-2599	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,516.60	3,539.38
		For Class 52 Rating, Deduct	*-8,816.93*	
		For Class 54 Rating, Add	*12,087.44*	
		For Class 55 Rating, Add	*18,003.02*	
		For Class 56 Rating, Add	*23,838.46*	
40 05 19 00-2600	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,209.23	3,543.56
		For Class 52 Rating, Deduct	*-9,112.42*	
		For Class 54 Rating, Add	*12,490.46*	
		For Class 55 Rating, Add	*18,602.22*	
		For Class 56 Rating, Add	*24,631.14*	
40 05 19 00-2601	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,895.78	3,547.75
		For Class 52 Rating, Deduct	*-9,407.25*	
		For Class 54 Rating, Add	*12,892.57*	
		For Class 55 Rating, Add	*19,200.06*	
		For Class 56 Rating, Add	*25,422.03*	
40 05 19 00-2602	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	93,603.62	3,551.92
		For Class 52 Rating, Deduct	*-9,704.41*	
		For Class 54 Rating, Add	*13,297.87*	
		For Class 55 Rating, Add	*19,802.65*	
		For Class 56 Rating, Add	*26,219.21*	
40 05 19 00-2603	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	96,296.25	3,556.10
		For Class 52 Rating, Deduct	*-9,999.90*	
		For Class 54 Rating, Add	*13,700.89*	
		For Class 55 Rating, Add	*20,401.85*	
		For Class 56 Rating, Add	*27,011.89*	
40 05 19 00-2604	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,985.83	3,560.28
		For Class 52 Rating, Deduct	*-10,295.06*	
		For Class 54 Rating, Add	*14,103.45*	
		For Class 55 Rating, Add	*21,000.36*	
		For Class 56 Rating, Add	*27,803.68*	
40 05 19 00-2605	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	101,696.71	3,564.46
		For Class 52 Rating, Deduct	*-10,592.56*	
		For Class 54 Rating, Add	*14,509.21*	
		For Class 55 Rating, Add	*21,603.63*	
		For Class 56 Rating, Add	*28,601.75*	
40 05 19 00-2606	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	104,392.38	3,568.64
		For Class 52 Rating, Deduct	*-10,888.39*	
		For Class 54 Rating, Add	*14,912.69*	
		For Class 55 Rating, Add	*22,203.50*	
		For Class 56 Rating, Add	*29,395.33*	
40 05 19 00-2607	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	106,771.67	3,572.81
		For Class 52 Rating, Deduct	*-11,149.41*	
		For Class 54 Rating, Add	*15,268.71*	
		For Class 55 Rating, Add	*22,732.82*	
		For Class 56 Rating, Add	*30,095.58*	
40 05 19 00-2608	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	109,798.94	3,576.99
		For Class 52 Rating, Deduct	*-11,481.72*	
		For Class 54 Rating, Add	*15,721.92*	
		For Class 55 Rating, Add	*23,406.65*	
		For Class 56 Rating, Add	*30,986.99*	
40 05 19 00-2609	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	112,491.57	3,581.17
		For Class 52 Rating, Deduct	*-11,777.21*	
		For Class 54 Rating, Add	*16,124.94*	
		For Class 55 Rating, Add	*24,005.84*	
		For Class 56 Rating, Add	*31,779.67*	
40 05 19 00-2610	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	115,208.54	3,585.35
		For Class 52 Rating, Deduct	*-12,075.38*	
		For Class 54 Rating, Add	*16,531.62*	
		For Class 55 Rating, Add	*24,610.47*	
		For Class 56 Rating, Add	*32,579.54*	
40 05 19 00-2611	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	117,901.17	3,589.53
		For Class 52 Rating, Deduct	*-12,370.87*	
		For Class 54 Rating, Add	*16,934.64*	
		For Class 55 Rating, Add	*25,209.66*	
		For Class 56 Rating, Add	*33,372.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2612	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	120,593.79	3,593.71
		For Class 52 Rating, Deduct	*-12,666.37*	
		For Class 54 Rating, Add	*17,337.66*	
		For Class 55 Rating, Add	*25,808.86*	
		For Class 56 Rating, Add	*34,164.91*	
40 05 19 00-2613	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	123,313.80	3,597.88
		For Class 52 Rating, Deduct	*-12,964.87*	
		For Class 54 Rating, Add	*17,744.79*	
		For Class 55 Rating, Add	*26,414.16*	
		For Class 56 Rating, Add	*34,965.67*	

40 05 19 00-2614 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-2615 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2616	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	834.29	191.22
		For Class 52 Rating, Deduct	*-59.90*	
		For Class 54 Rating, Add	*85.16*	
		For Class 55 Rating, Add	*128.39*	
		For Class 56 Rating, Add	*171.08*	
40 05 19 00-2617	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	954.96	194.56
		For Class 52 Rating, Deduct	*-72.62*	
		For Class 54 Rating, Add	*102.56*	
		For Class 55 Rating, Add	*154.29*	
		For Class 56 Rating, Add	*205.36*	
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,075.62	197.91
		For Class 52 Rating, Deduct	*-85.33*	
		For Class 54 Rating, Add	*119.96*	
		For Class 55 Rating, Add	*180.19*	
		For Class 56 Rating, Add	*239.65*	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,196.30	201.25
		For Class 52 Rating, Deduct	*-98.05*	
		For Class 54 Rating, Add	*137.37*	
		For Class 55 Rating, Add	*206.10*	
		For Class 56 Rating, Add	*273.93*	
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,316.97	204.60
		For Class 52 Rating, Deduct	*-110.77*	
		For Class 54 Rating, Add	*154.77*	
		For Class 55 Rating, Add	*232.00*	
		For Class 56 Rating, Add	*308.22*	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,437.64	207.93
		For Class 52 Rating, Deduct	*-123.48*	
		For Class 54 Rating, Add	*172.17*	
		For Class 55 Rating, Add	*257.90*	
		For Class 56 Rating, Add	*342.51*	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,558.31	211.28
		For Class 52 Rating, Deduct	*-136.20*	
		For Class 54 Rating, Add	*189.57*	
		For Class 55 Rating, Add	*283.80*	
		For Class 56 Rating, Add	*376.79*	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,678.98	214.62
		For Class 52 Rating, Deduct	*-148.92*	
		For Class 54 Rating, Add	*206.97*	
		For Class 55 Rating, Add	*309.70*	
		For Class 56 Rating, Add	*411.08*	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,799.64	217.97
		For Class 52 Rating, Deduct	*-161.63*	
		For Class 54 Rating, Add	*224.37*	
		For Class 55 Rating, Add	*335.60*	
		For Class 56 Rating, Add	*445.36*	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,920.33	221.30
		For Class 52 Rating, Deduct	*-174.35*	
		For Class 54 Rating, Add	*241.78*	
		For Class 55 Rating, Add	*361.50*	
		For Class 56 Rating, Add	*479.65*	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,040.99	224.65
		For Class 52 Rating, Deduct	*-187.07*	
		For Class 54 Rating, Add	*259.18*	
		For Class 55 Rating, Add	*387.41*	
		For Class 56 Rating, Add	*513.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,161.66	227.99
		For Class 52 Rating, Deduct	*-199.78*	
		For Class 54 Rating, Add	*276.58*	
		For Class 55 Rating, Add	*413.31*	
		For Class 56 Rating, Add	*548.22*	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,282.33	231.34
		For Class 52 Rating, Deduct	*-212.50*	
		For Class 54 Rating, Add	*293.98*	
		For Class 55 Rating, Add	*439.21*	
		For Class 56 Rating, Add	*582.51*	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,403.00	234.68
		For Class 52 Rating, Deduct	*-225.22*	
		For Class 54 Rating, Add	*311.38*	
		For Class 55 Rating, Add	*465.11*	
		For Class 56 Rating, Add	*616.79*	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,523.67	238.02
		For Class 52 Rating, Deduct	*-237.93*	
		For Class 54 Rating, Add	*328.78*	
		For Class 55 Rating, Add	*491.01*	
		For Class 56 Rating, Add	*651.08*	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,644.35	241.36
		For Class 52 Rating, Deduct	*-250.65*	
		For Class 54 Rating, Add	*346.18*	
		For Class 55 Rating, Add	*516.91*	
		For Class 56 Rating, Add	*685.36*	
40 05 19 00-2632	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,765.01	244.71
		For Class 52 Rating, Deduct	*-263.37*	
		For Class 54 Rating, Add	*363.59*	
		For Class 55 Rating, Add	*542.81*	
		For Class 56 Rating, Add	*719.65*	
40 05 19 00-2633	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,885.68	248.05
		For Class 52 Rating, Deduct	*-276.08*	
		For Class 54 Rating, Add	*380.99*	
		For Class 55 Rating, Add	*568.72*	
		For Class 56 Rating, Add	*753.94*	
40 05 19 00-2634	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,006.35	251.40
		For Class 52 Rating, Deduct	*-288.80*	
		For Class 54 Rating, Add	*398.39*	
		For Class 55 Rating, Add	*594.62*	
		For Class 56 Rating, Add	*788.22*	
40 05 19 00-2635	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,127.02	254.73
		For Class 52 Rating, Deduct	*-301.52*	
		For Class 54 Rating, Add	*415.79*	
		For Class 55 Rating, Add	*620.52*	
		For Class 56 Rating, Add	*822.51*	
40 05 19 00-2636	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,247.69	258.08
		For Class 52 Rating, Deduct	*-314.23*	
		For Class 54 Rating, Add	*433.19*	
		For Class 55 Rating, Add	*646.42*	
		For Class 56 Rating, Add	*856.79*	
40 05 19 00-2637	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,368.36	261.43
		For Class 52 Rating, Deduct	*-326.95*	
		For Class 54 Rating, Add	*450.59*	
		For Class 55 Rating, Add	*672.32*	
		For Class 56 Rating, Add	*891.08*	
40 05 19 00-2638	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,489.03	264.77
		For Class 52 Rating, Deduct	*-339.67*	
		For Class 54 Rating, Add	*467.99*	
		For Class 55 Rating, Add	*698.22*	
		For Class 56 Rating, Add	*925.36*	
40 05 19 00-2639	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,609.70	268.11
		For Class 52 Rating, Deduct	*-352.38*	
		For Class 54 Rating, Add	*485.40*	
		For Class 55 Rating, Add	*724.13*	
		For Class 56 Rating, Add	*959.65*	
40 05 19 00-2640	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,730.36	271.45
		For Class 52 Rating, Deduct	*-365.10*	
		For Class 54 Rating, Add	*502.80*	
		For Class 55 Rating, Add	*750.03*	
		For Class 56 Rating, Add	*993.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2641	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,851.05	274.80
		For Class 52 Rating, Deduct	*-377.82*	
		For Class 54 Rating, Add	*520.20*	
		For Class 55 Rating, Add	*775.93*	
		For Class 56 Rating, Add	*1,028.22*	
40 05 19 00-2642	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,971.71	278.14
		For Class 52 Rating, Deduct	*-390.53*	
		For Class 54 Rating, Add	*537.60*	
		For Class 55 Rating, Add	*801.83*	
		For Class 56 Rating, Add	*1,062.51*	
40 05 19 00-2643	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,092.38	281.49
		For Class 52 Rating, Deduct	*-403.25*	
		For Class 54 Rating, Add	*555.00*	
		For Class 55 Rating, Add	*827.73*	
		For Class 56 Rating, Add	*1,096.79*	
40 05 19 00-2644	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,213.05	284.82
		For Class 52 Rating, Deduct	*-415.97*	
		For Class 54 Rating, Add	*572.40*	
		For Class 55 Rating, Add	*853.63*	
		For Class 56 Rating, Add	*1,131.08*	
40 05 19 00-2645	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,333.72	288.17
		For Class 52 Rating, Deduct	*-428.68*	
		For Class 54 Rating, Add	*589.81*	
		For Class 55 Rating, Add	*879.53*	
		For Class 56 Rating, Add	*1,165.37*	
40 05 19 00-2646	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,454.39	291.51
		For Class 52 Rating, Deduct	*-441.40*	
		For Class 54 Rating, Add	*607.21*	
		For Class 55 Rating, Add	*905.43*	
		For Class 56 Rating, Add	*1,199.65*	
40 05 19 00-2647	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,575.07	294.86
		For Class 52 Rating, Deduct	*-454.12*	
		For Class 54 Rating, Add	*624.61*	
		For Class 55 Rating, Add	*931.34*	
		For Class 56 Rating, Add	*1,233.94*	
40 05 19 00-2648	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,695.73	298.20
		For Class 52 Rating, Deduct	*-466.83*	
		For Class 54 Rating, Add	*642.01*	
		For Class 55 Rating, Add	*957.24*	
		For Class 56 Rating, Add	*1,268.22*	
40 05 19 00-2649	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,816.40	301.54
		For Class 52 Rating, Deduct	*-479.55*	
		For Class 54 Rating, Add	*659.41*	
		For Class 55 Rating, Add	*983.14*	
		For Class 56 Rating, Add	*1,302.51*	
40 05 19 00-2650	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,937.08	304.88
		For Class 52 Rating, Deduct	*-492.27*	
		For Class 54 Rating, Add	*676.81*	
		For Class 55 Rating, Add	*1,009.04*	
		For Class 56 Rating, Add	*1,336.80*	
40 05 19 00-2651	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,057.74	308.23
		For Class 52 Rating, Deduct	*-504.98*	
		For Class 54 Rating, Add	*694.22*	
		For Class 55 Rating, Add	*1,034.94*	
		For Class 56 Rating, Add	*1,371.08*	
40 05 19 00-2652	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,178.42	311.57
		For Class 52 Rating, Deduct	*-517.70*	
		For Class 54 Rating, Add	*711.62*	
		For Class 55 Rating, Add	*1,060.85*	
		For Class 56 Rating, Add	*1,405.37*	
40 05 19 00-2653	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,268.67	314.91
		For Class 52 Rating, Deduct	*-527.07*	
		For Class 54 Rating, Add	*724.46*	
		For Class 55 Rating, Add	*1,079.96*	
		For Class 56 Rating, Add	*1,430.68*	
40 05 19 00-2654	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,419.76	318.25
		For Class 52 Rating, Deduct	*-543.13*	
		For Class 54 Rating, Add	*746.42*	
		For Class 55 Rating, Add	*1,112.65*	
		For Class 56 Rating, Add	*1,473.94*	

40 05 19 00-2655 6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2656	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,079.61	240.69
		For Class 52 Rating, Deduct	*-78.64*	
		For Class 54 Rating, Add	*111.62*	
		For Class 55 Rating, Add	*168.18*	
		For Class 56 Rating, Add	*224.03*	
40 05 19 00-2657	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,218.54	244.04
		For Class 52 Rating, Deduct	*-93.37*	
		For Class 54 Rating, Add	*131.75*	
		For Class 55 Rating, Add	*198.15*	
		For Class 56 Rating, Add	*263.70*	
40 05 19 00-2658	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,357.46	247.38
		For Class 52 Rating, Deduct	*-108.09*	
		For Class 54 Rating, Add	*151.89*	
		For Class 55 Rating, Add	*228.12*	
		For Class 56 Rating, Add	*303.37*	
40 05 19 00-2659	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,496.38	250.73
		For Class 52 Rating, Deduct	*-122.82*	
		For Class 54 Rating, Add	*172.03*	
		For Class 55 Rating, Add	*258.10*	
		For Class 56 Rating, Add	*343.04*	
40 05 19 00-2660	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,635.31	254.07
		For Class 52 Rating, Deduct	*-137.54*	
		For Class 54 Rating, Add	*192.17*	
		For Class 55 Rating, Add	*288.07*	
		For Class 56 Rating, Add	*382.71*	
40 05 19 00-2661	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,774.23	257.41
		For Class 52 Rating, Deduct	*-152.26*	
		For Class 54 Rating, Add	*212.31*	
		For Class 55 Rating, Add	*318.04*	
		For Class 56 Rating, Add	*422.39*	
40 05 19 00-2662	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,913.16	260.75
		For Class 52 Rating, Deduct	*-166.99*	
		For Class 54 Rating, Add	*232.45*	
		For Class 55 Rating, Add	*348.01*	
		For Class 56 Rating, Add	*462.06*	
40 05 19 00-2663	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,052.09	264.10
		For Class 52 Rating, Deduct	*-181.71*	
		For Class 54 Rating, Add	*252.59*	
		For Class 55 Rating, Add	*377.99*	
		For Class 56 Rating, Add	*501.73*	
40 05 19 00-2664	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,191.00	267.44
		For Class 52 Rating, Deduct	*-196.44*	
		For Class 54 Rating, Add	*272.73*	
		For Class 55 Rating, Add	*407.96*	
		For Class 56 Rating, Add	*541.40*	
40 05 19 00-2665	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,329.92	270.78
		For Class 52 Rating, Deduct	*-211.16*	
		For Class 54 Rating, Add	*292.87*	
		For Class 55 Rating, Add	*437.93*	
		For Class 56 Rating, Add	*581.07*	
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,468.85	274.12
		For Class 52 Rating, Deduct	*-225.89*	
		For Class 54 Rating, Add	*313.01*	
		For Class 55 Rating, Add	*467.90*	
		For Class 56 Rating, Add	*620.74*	
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,607.78	277.47
		For Class 52 Rating, Deduct	*-240.61*	
		For Class 54 Rating, Add	*333.15*	
		For Class 55 Rating, Add	*497.87*	
		For Class 56 Rating, Add	*660.41*	
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,746.70	280.81
		For Class 52 Rating, Deduct	*-255.34*	
		For Class 54 Rating, Add	*353.29*	
		For Class 55 Rating, Add	*527.85*	
		For Class 56 Rating, Add	*700.08*	
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,885.63	284.16
		For Class 52 Rating, Deduct	*-270.06*	
		For Class 54 Rating, Add	*373.43*	
		For Class 55 Rating, Add	*557.82*	
		For Class 56 Rating, Add	*739.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,024.55	287.49
		For Class 52 Rating, Deduct	*-284.78*	
		For Class 54 Rating, Add	*393.57*	
		For Class 55 Rating, Add	*587.79*	
		For Class 56 Rating, Add	*779.42*	
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,163.46	290.84
		For Class 52 Rating, Deduct	*-299.51*	
		For Class 54 Rating, Add	*413.71*	
		For Class 55 Rating, Add	*617.76*	
		For Class 56 Rating, Add	*819.09*	
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,302.39	294.18
		For Class 52 Rating, Deduct	*-314.23*	
		For Class 54 Rating, Add	*433.85*	
		For Class 55 Rating, Add	*647.73*	
		For Class 56 Rating, Add	*858.76*	
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,441.32	297.53
		For Class 52 Rating, Deduct	*-328.96*	
		For Class 54 Rating, Add	*453.99*	
		For Class 55 Rating, Add	*677.71*	
		For Class 56 Rating, Add	*898.43*	
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,580.24	300.86
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*474.13*	
		For Class 55 Rating, Add	*707.68*	
		For Class 56 Rating, Add	*938.10*	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,719.17	304.21
		For Class 52 Rating, Deduct	*-358.41*	
		For Class 54 Rating, Add	*494.27*	
		For Class 55 Rating, Add	*737.65*	
		For Class 56 Rating, Add	*977.77*	
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,858.09	307.55
		For Class 52 Rating, Deduct	*-373.13*	
		For Class 54 Rating, Add	*514.41*	
		For Class 55 Rating, Add	*767.62*	
		For Class 56 Rating, Add	*1,017.45*	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,997.01	310.90
		For Class 52 Rating, Deduct	*-387.86*	
		For Class 54 Rating, Add	*534.55*	
		For Class 55 Rating, Add	*797.59*	
		For Class 56 Rating, Add	*1,057.12*	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,135.94	314.24
		For Class 52 Rating, Deduct	*-402.58*	
		For Class 54 Rating, Add	*554.69*	
		For Class 55 Rating, Add	*827.56*	
		For Class 56 Rating, Add	*1,096.78*	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,274.86	317.58
		For Class 52 Rating, Deduct	*-417.30*	
		For Class 54 Rating, Add	*574.82*	
		For Class 55 Rating, Add	*857.54*	
		For Class 56 Rating, Add	*1,136.46*	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,413.78	320.92
		For Class 52 Rating, Deduct	*-432.03*	
		For Class 54 Rating, Add	*594.96*	
		For Class 55 Rating, Add	*887.51*	
		For Class 56 Rating, Add	*1,176.13*	
40 05 19 00-2681	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,552.71	324.27
		For Class 52 Rating, Deduct	*-446.75*	
		For Class 54 Rating, Add	*615.10*	
		For Class 55 Rating, Add	*917.48*	
		For Class 56 Rating, Add	*1,215.80*	
40 05 19 00-2682	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,691.63	327.61
		For Class 52 Rating, Deduct	*-461.48*	
		For Class 54 Rating, Add	*635.24*	
		For Class 55 Rating, Add	*947.45*	
		For Class 56 Rating, Add	*1,255.47*	
40 05 19 00-2683	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,830.56	330.96
		For Class 52 Rating, Deduct	*-476.20*	
		For Class 54 Rating, Add	*655.38*	
		For Class 55 Rating, Add	*977.43*	
		For Class 56 Rating, Add	*1,295.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2684	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,969.49	334.30
		For Class 52 Rating, Deduct	*-490.93*	
		For Class 54 Rating, Add	*675.52*	
		For Class 55 Rating, Add	*1,007.40*	
		For Class 56 Rating, Add	*1,334.81*	
40 05 19 00-2685	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,108.40	337.64
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*695.66*	
		For Class 55 Rating, Add	*1,037.37*	
		For Class 56 Rating, Add	*1,374.48*	
40 05 19 00-2686	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,247.32	340.99
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*715.80*	
		For Class 55 Rating, Add	*1,067.34*	
		For Class 56 Rating, Add	*1,414.15*	
40 05 19 00-2687	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,386.25	344.33
		For Class 52 Rating, Deduct	*-535.10*	
		For Class 54 Rating, Add	*735.94*	
		For Class 55 Rating, Add	*1,097.31*	
		For Class 56 Rating, Add	*1,453.82*	
40 05 19 00-2688	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,525.17	347.67
		For Class 52 Rating, Deduct	*-549.82*	
		For Class 54 Rating, Add	*756.08*	
		For Class 55 Rating, Add	*1,127.29*	
		For Class 56 Rating, Add	*1,493.49*	
40 05 19 00-2689	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,664.10	351.01
		For Class 52 Rating, Deduct	*-564.55*	
		For Class 54 Rating, Add	*776.22*	
		For Class 55 Rating, Add	*1,157.26*	
		For Class 56 Rating, Add	*1,533.16*	
40 05 19 00-2690	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,803.03	354.36
		For Class 52 Rating, Deduct	*-579.27*	
		For Class 54 Rating, Add	*796.36*	
		For Class 55 Rating, Add	*1,187.23*	
		For Class 56 Rating, Add	*1,572.83*	
40 05 19 00-2691	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,941.95	357.70
		For Class 52 Rating, Deduct	*-594.00*	
		For Class 54 Rating, Add	*816.50*	
		For Class 55 Rating, Add	*1,217.20*	
		For Class 56 Rating, Add	*1,612.51*	
40 05 19 00-2692	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,080.86	361.05
		For Class 52 Rating, Deduct	*-608.72*	
		For Class 54 Rating, Add	*836.64*	
		For Class 55 Rating, Add	*1,247.17*	
		For Class 56 Rating, Add	*1,652.17*	
40 05 19 00-2693	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,219.79	364.38
		For Class 52 Rating, Deduct	*-623.45*	
		For Class 54 Rating, Add	*856.78*	
		For Class 55 Rating, Add	*1,277.15*	
		For Class 56 Rating, Add	*1,691.84*	
40 05 19 00-2694	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,358.72	367.73
		For Class 52 Rating, Deduct	*-638.17*	
		For Class 54 Rating, Add	*876.92*	
		For Class 55 Rating, Add	*1,307.12*	
		For Class 56 Rating, Add	*1,731.52*	

40 05 19 00-2695 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2696	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,482.10	307.55
		For Class 52 Rating, Deduct	*-111.77*	
		For Class 54 Rating, Add	*158.01*	
		For Class 55 Rating, Add	*237.78*	
		For Class 56 Rating, Add	*316.53*	
40 05 19 00-2697	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,660.57	310.90
		For Class 52 Rating, Deduct	*-130.85*	
		For Class 54 Rating, Add	*184.08*	
		For Class 55 Rating, Add	*276.57*	
		For Class 56 Rating, Add	*367.87*	
40 05 19 00-2698	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,839.05	314.24
		For Class 52 Rating, Deduct	*-149.92*	
		For Class 54 Rating, Add	*210.15*	
		For Class 55 Rating, Add	*315.36*	
		For Class 56 Rating, Add	*419.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2699	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,017.52	317.58
		For Class 52 Rating, Deduct	*-169.00*	
		For Class 54 Rating, Add	*236.22*	
		For Class 55 Rating, Add	*354.15*	
		For Class 56 Rating, Add	*470.54*	
40 05 19 00-2700	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,195.99	320.92
		For Class 52 Rating, Deduct	*-188.07*	
		For Class 54 Rating, Add	*262.30*	
		For Class 55 Rating, Add	*392.94*	
		For Class 56 Rating, Add	*521.88*	
40 05 19 00-2701	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,374.47	324.27
		For Class 52 Rating, Deduct	*-207.15*	
		For Class 54 Rating, Add	*288.37*	
		For Class 55 Rating, Add	*431.73*	
		For Class 56 Rating, Add	*573.22*	
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,552.93	327.61
		For Class 52 Rating, Deduct	*-226.22*	
		For Class 54 Rating, Add	*314.44*	
		For Class 55 Rating, Add	*470.52*	
		For Class 56 Rating, Add	*624.55*	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,731.41	330.96
		For Class 52 Rating, Deduct	*-245.30*	
		For Class 54 Rating, Add	*340.51*	
		For Class 55 Rating, Add	*509.32*	
		For Class 56 Rating, Add	*675.89*	
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,909.89	334.30
		For Class 52 Rating, Deduct	*-264.37*	
		For Class 54 Rating, Add	*366.58*	
		For Class 55 Rating, Add	*548.11*	
		For Class 56 Rating, Add	*727.23*	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,088.36	337.64
		For Class 52 Rating, Deduct	*-283.45*	
		For Class 54 Rating, Add	*392.66*	
		For Class 55 Rating, Add	*586.90*	
		For Class 56 Rating, Add	*778.57*	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,266.82	340.99
		For Class 52 Rating, Deduct	*-302.52*	
		For Class 54 Rating, Add	*418.73*	
		For Class 55 Rating, Add	*625.69*	
		For Class 56 Rating, Add	*829.90*	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,445.30	344.33
		For Class 52 Rating, Deduct	*-321.59*	
		For Class 54 Rating, Add	*444.80*	
		For Class 55 Rating, Add	*664.48*	
		For Class 56 Rating, Add	*881.24*	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,623.77	347.67
		For Class 52 Rating, Deduct	*-340.67*	
		For Class 54 Rating, Add	*470.87*	
		For Class 55 Rating, Add	*703.27*	
		For Class 56 Rating, Add	*932.58*	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,802.25	351.01
		For Class 52 Rating, Deduct	*-359.75*	
		For Class 54 Rating, Add	*496.94*	
		For Class 55 Rating, Add	*742.07*	
		For Class 56 Rating, Add	*983.92*	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,980.73	354.36
		For Class 52 Rating, Deduct	*-378.82*	
		For Class 54 Rating, Add	*523.02*	
		For Class 55 Rating, Add	*780.86*	
		For Class 56 Rating, Add	*1,035.26*	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,159.19	357.70
		For Class 52 Rating, Deduct	*-397.89*	
		For Class 54 Rating, Add	*549.09*	
		For Class 55 Rating, Add	*819.65*	
		For Class 56 Rating, Add	*1,086.59*	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,337.66	361.05
		For Class 52 Rating, Deduct	*-416.97*	
		For Class 54 Rating, Add	*575.16*	
		For Class 55 Rating, Add	*858.44*	
		For Class 56 Rating, Add	*1,137.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,516.14	364.38
		For Class 52 Rating, Deduct	*-436.04*	
		For Class 54 Rating, Add	*601.23*	
		For Class 55 Rating, Add	*897.23*	
		For Class 56 Rating, Add	*1,189.27*	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,694.62	367.73
		For Class 52 Rating, Deduct	*-455.12*	
		For Class 54 Rating, Add	*627.30*	
		For Class 55 Rating, Add	*936.02*	
		For Class 56 Rating, Add	*1,240.61*	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,873.08	371.07
		For Class 52 Rating, Deduct	*-474.19*	
		For Class 54 Rating, Add	*653.37*	
		For Class 55 Rating, Add	*974.81*	
		For Class 56 Rating, Add	*1,291.94*	
40 05 19 00-2716	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,051.55	374.42
		For Class 52 Rating, Deduct	*-493.27*	
		For Class 54 Rating, Add	*679.45*	
		For Class 55 Rating, Add	*1,013.60*	
		For Class 56 Rating, Add	*1,343.28*	
40 05 19 00-2717	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,230.03	377.76
		For Class 52 Rating, Deduct	*-512.34*	
		For Class 54 Rating, Add	*705.52*	
		For Class 55 Rating, Add	*1,052.40*	
		For Class 56 Rating, Add	*1,394.62*	
40 05 19 00-2718	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,408.50	381.10
		For Class 52 Rating, Deduct	*-531.42*	
		For Class 54 Rating, Add	*731.59*	
		For Class 55 Rating, Add	*1,091.19*	
		For Class 56 Rating, Add	*1,445.96*	
40 05 19 00-2719	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,586.96	384.44
		For Class 52 Rating, Deduct	*-550.49*	
		For Class 54 Rating, Add	*757.66*	
		For Class 55 Rating, Add	*1,129.98*	
		For Class 56 Rating, Add	*1,497.29*	
40 05 19 00-2720	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,765.45	387.79
		For Class 52 Rating, Deduct	*-569.57*	
		For Class 54 Rating, Add	*783.73*	
		For Class 55 Rating, Add	*1,168.77*	
		For Class 56 Rating, Add	*1,548.63*	
40 05 19 00-2721	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,943.92	391.13
		For Class 52 Rating, Deduct	*-588.64*	
		For Class 54 Rating, Add	*809.81*	
		For Class 55 Rating, Add	*1,207.56*	
		For Class 56 Rating, Add	*1,599.97*	
40 05 19 00-2722	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,122.39	394.47
		For Class 52 Rating, Deduct	*-607.72*	
		For Class 54 Rating, Add	*835.88*	
		For Class 55 Rating, Add	*1,246.35*	
		For Class 56 Rating, Add	*1,651.31*	
40 05 19 00-2723	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,300.87	397.81
		For Class 52 Rating, Deduct	*-626.79*	
		For Class 54 Rating, Add	*861.95*	
		For Class 55 Rating, Add	*1,285.15*	
		For Class 56 Rating, Add	*1,702.64*	
40 05 19 00-2724	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,479.33	401.16
		For Class 52 Rating, Deduct	*-645.87*	
		For Class 54 Rating, Add	*888.02*	
		For Class 55 Rating, Add	*1,323.94*	
		For Class 56 Rating, Add	*1,753.98*	
40 05 19 00-2725	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,657.81	404.50
		For Class 52 Rating, Deduct	*-664.94*	
		For Class 54 Rating, Add	*914.09*	
		For Class 55 Rating, Add	*1,362.73*	
		For Class 56 Rating, Add	*1,805.32*	
40 05 19 00-2726	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,836.29	407.85
		For Class 52 Rating, Deduct	*-684.02*	
		For Class 54 Rating, Add	*940.17*	
		For Class 55 Rating, Add	*1,401.52*	
		For Class 56 Rating, Add	*1,856.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2727	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,014.76	411.18
		For Class 52 Rating, Deduct	*-703.09*	
		For Class 54 Rating, Add	*966.24*	
		For Class 55 Rating, Add	*1,440.31*	
		For Class 56 Rating, Add	*1,907.99*	
40 05 19 00-2728	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,193.22	414.53
		For Class 52 Rating, Deduct	*-722.17*	
		For Class 54 Rating, Add	*992.31*	
		For Class 55 Rating, Add	*1,479.10*	
		For Class 56 Rating, Add	*1,959.33*	
40 05 19 00-2729	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,371.70	417.87
		For Class 52 Rating, Deduct	*-741.24*	
		For Class 54 Rating, Add	*1,018.38*	
		For Class 55 Rating, Add	*1,517.89*	
		For Class 56 Rating, Add	*2,010.67*	
40 05 19 00-2730	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,550.18	421.22
		For Class 52 Rating, Deduct	*-760.32*	
		For Class 54 Rating, Add	*1,044.45*	
		For Class 55 Rating, Add	*1,556.69*	
		For Class 56 Rating, Add	*2,062.01*	
40 05 19 00-2731	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,728.65	424.55
		For Class 52 Rating, Deduct	*-779.39*	
		For Class 54 Rating, Add	*1,070.53*	
		For Class 55 Rating, Add	*1,595.48*	
		For Class 56 Rating, Add	*2,113.34*	
40 05 19 00-2732	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,907.12	427.90
		For Class 52 Rating, Deduct	*-798.47*	
		For Class 54 Rating, Add	*1,096.60*	
		For Class 55 Rating, Add	*1,634.27*	
		For Class 56 Rating, Add	*2,164.68*	
40 05 19 00-2733	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,085.59	431.24
		For Class 52 Rating, Deduct	*-817.54*	
		For Class 54 Rating, Add	*1,122.67*	
		For Class 55 Rating, Add	*1,673.06*	
		For Class 56 Rating, Add	*2,216.02*	
40 05 19 00-2734	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,264.06	434.59
		For Class 52 Rating, Deduct	*-836.62*	
		For Class 54 Rating, Add	*1,148.74*	
		For Class 55 Rating, Add	*1,711.85*	
		For Class 56 Rating, Add	*2,267.36*	

40 05 19 00-2735 10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,863.28	374.42
		For Class 52 Rating, Deduct	*-142.56*	
		For Class 54 Rating, Add	*201.21*	
		For Class 55 Rating, Add	*302.62*	
		For Class 56 Rating, Add	*402.74*	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,093.48	377.76
		For Class 52 Rating, Deduct	*-167.32*	
		For Class 54 Rating, Add	*235.04*	
		For Class 55 Rating, Add	*352.95*	
		For Class 56 Rating, Add	*469.34*	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,323.67	381.10
		For Class 52 Rating, Deduct	*-192.09*	
		For Class 54 Rating, Add	*268.87*	
		For Class 55 Rating, Add	*403.27*	
		For Class 56 Rating, Add	*535.93*	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,553.85	384.44
		For Class 52 Rating, Deduct	*-216.85*	
		For Class 54 Rating, Add	*302.70*	
		For Class 55 Rating, Add	*453.60*	
		For Class 56 Rating, Add	*602.52*	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,784.06	387.79
		For Class 52 Rating, Deduct	*-241.62*	
		For Class 54 Rating, Add	*336.53*	
		For Class 55 Rating, Add	*503.92*	
		For Class 56 Rating, Add	*669.12*	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,014.24	391.13
		For Class 52 Rating, Deduct	*-266.38*	
		For Class 54 Rating, Add	*370.35*	
		For Class 55 Rating, Add	*554.24*	
		For Class 56 Rating, Add	*735.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,244.43	394.47
		For Class 52 Rating, Deduct	*-291.14*	
		For Class 54 Rating, Add	*404.18*	
		For Class 55 Rating, Add	*604.57*	
		For Class 56 Rating, Add	*802.31*	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,474.62	397.81
		For Class 52 Rating, Deduct	*-315.91*	
		For Class 54 Rating, Add	*438.01*	
		For Class 55 Rating, Add	*654.89*	
		For Class 56 Rating, Add	*868.90*	
40 05 19 00-2744	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,704.81	401.16
		For Class 52 Rating, Deduct	*-340.67*	
		For Class 54 Rating, Add	*471.84*	
		For Class 55 Rating, Add	*705.22*	
		For Class 56 Rating, Add	*935.50*	
40 05 19 00-2745	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,935.01	404.50
		For Class 52 Rating, Deduct	*-365.43*	
		For Class 54 Rating, Add	*505.67*	
		For Class 55 Rating, Add	*755.54*	
		For Class 56 Rating, Add	*1,002.09*	
40 05 19 00-2746	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,165.20	407.85
		For Class 52 Rating, Deduct	*-390.20*	
		For Class 54 Rating, Add	*539.50*	
		For Class 55 Rating, Add	*805.87*	
		For Class 56 Rating, Add	*1,068.68*	
40 05 19 00-2747	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,395.39	411.18
		For Class 52 Rating, Deduct	*-414.96*	
		For Class 54 Rating, Add	*573.33*	
		For Class 55 Rating, Add	*856.19*	
		For Class 56 Rating, Add	*1,135.28*	
40 05 19 00-2748	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,625.57	414.53
		For Class 52 Rating, Deduct	*-439.73*	
		For Class 54 Rating, Add	*607.16*	
		For Class 55 Rating, Add	*906.52*	
		For Class 56 Rating, Add	*1,201.87*	
40 05 19 00-2749	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,855.77	417.87
		For Class 52 Rating, Deduct	*-464.49*	
		For Class 54 Rating, Add	*640.99*	
		For Class 55 Rating, Add	*956.84*	
		For Class 56 Rating, Add	*1,268.47*	
40 05 19 00-2750	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,085.96	421.22
		For Class 52 Rating, Deduct	*-489.25*	
		For Class 54 Rating, Add	*674.82*	
		For Class 55 Rating, Add	*1,007.17*	
		For Class 56 Rating, Add	*1,335.06*	
40 05 19 00-2751	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,316.15	424.55
		For Class 52 Rating, Deduct	*-514.02*	
		For Class 54 Rating, Add	*708.65*	
		For Class 55 Rating, Add	*1,057.49*	
		For Class 56 Rating, Add	*1,401.66*	
40 05 19 00-2752	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,546.35	427.90
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*742.48*	
		For Class 55 Rating, Add	*1,107.82*	
		For Class 56 Rating, Add	*1,468.25*	
40 05 19 00-2753	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,776.53	431.24
		For Class 52 Rating, Deduct	*-563.54*	
		For Class 54 Rating, Add	*776.31*	
		For Class 55 Rating, Add	*1,158.14*	
		For Class 56 Rating, Add	*1,534.85*	
40 05 19 00-2754	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,006.72	434.59
		For Class 52 Rating, Deduct	*-588.31*	
		For Class 54 Rating, Add	*810.14*	
		For Class 55 Rating, Add	*1,208.47*	
		For Class 56 Rating, Add	*1,601.44*	
40 05 19 00-2755	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,236.91	437.93
		For Class 52 Rating, Deduct	*-613.07*	
		For Class 54 Rating, Add	*843.97*	
		For Class 55 Rating, Add	*1,258.79*	
		For Class 56 Rating, Add	*1,668.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2756	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,467.11	441.27
		For Class 52 Rating, Deduct	*-637.84*	
		For Class 54 Rating, Add	*877.80*	
		For Class 55 Rating, Add	*1,309.11*	
		For Class 56 Rating, Add	*1,734.63*	
40 05 19 00-2757	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,697.30	444.62
		For Class 52 Rating, Deduct	*-662.60*	
		For Class 54 Rating, Add	*911.63*	
		For Class 55 Rating, Add	*1,359.44*	
		For Class 56 Rating, Add	*1,801.23*	
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,927.49	447.96
		For Class 52 Rating, Deduct	*-687.36*	
		For Class 54 Rating, Add	*945.46*	
		For Class 55 Rating, Add	*1,409.76*	
		For Class 56 Rating, Add	*1,867.82*	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,157.68	451.31
		For Class 52 Rating, Deduct	*-712.13*	
		For Class 54 Rating, Add	*979.29*	
		For Class 55 Rating, Add	*1,460.09*	
		For Class 56 Rating, Add	*1,934.41*	
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,387.86	454.65
		For Class 52 Rating, Deduct	*-736.89*	
		For Class 54 Rating, Add	*1,013.12*	
		For Class 55 Rating, Add	*1,510.41*	
		For Class 56 Rating, Add	*2,001.01*	
40 05 19 00-2761	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,618.07	457.99
		For Class 52 Rating, Deduct	*-761.66*	
		For Class 54 Rating, Add	*1,046.95*	
		For Class 55 Rating, Add	*1,560.74*	
		For Class 56 Rating, Add	*2,067.60*	
40 05 19 00-2762	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,848.25	461.33
		For Class 52 Rating, Deduct	*-786.42*	
		For Class 54 Rating, Add	*1,080.78*	
		For Class 55 Rating, Add	*1,611.06*	
		For Class 56 Rating, Add	*2,134.20*	
40 05 19 00-2763	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,078.44	464.68
		For Class 52 Rating, Deduct	*-811.18*	
		For Class 54 Rating, Add	*1,114.61*	
		For Class 55 Rating, Add	*1,661.39*	
		For Class 56 Rating, Add	*2,200.79*	
40 05 19 00-2764	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,308.64	468.02
		For Class 52 Rating, Deduct	*-835.95*	
		For Class 54 Rating, Add	*1,148.44*	
		For Class 55 Rating, Add	*1,711.71*	
		For Class 56 Rating, Add	*2,267.39*	
40 05 19 00-2765	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,538.82	471.36
		For Class 52 Rating, Deduct	*-860.71*	
		For Class 54 Rating, Add	*1,182.27*	
		For Class 55 Rating, Add	*1,762.04*	
		For Class 56 Rating, Add	*2,333.98*	
40 05 19 00-2766	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,769.02	474.70
		For Class 52 Rating, Deduct	*-885.47*	
		For Class 54 Rating, Add	*1,216.10*	
		For Class 55 Rating, Add	*1,812.36*	
		For Class 56 Rating, Add	*2,400.58*	
40 05 19 00-2767	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,999.21	478.05
		For Class 52 Rating, Deduct	*-910.24*	
		For Class 54 Rating, Add	*1,249.93*	
		For Class 55 Rating, Add	*1,862.68*	
		For Class 56 Rating, Add	*2,467.17*	
40 05 19 00-2768	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,229.40	481.39
		For Class 52 Rating, Deduct	*-935.00*	
		For Class 54 Rating, Add	*1,283.76*	
		For Class 55 Rating, Add	*1,913.01*	
		For Class 56 Rating, Add	*2,533.76*	
40 05 19 00-2769	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,459.58	484.74
		For Class 52 Rating, Deduct	*-959.77*	
		For Class 54 Rating, Add	*1,317.58*	
		For Class 55 Rating, Add	*1,963.33*	
		For Class 56 Rating, Add	*2,600.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2770	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,689.78	488.07
		For Class 52 Rating, Deduct	*-984.53*	
		For Class 54 Rating, Add	*1,351.41*	
		For Class 55 Rating, Add	*2,013.66*	
		For Class 56 Rating, Add	*2,666.95*	
40 05 19 00-2771	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,919.97	491.42
		For Class 52 Rating, Deduct	*-1,009.29*	
		For Class 54 Rating, Add	*1,385.24*	
		For Class 55 Rating, Add	*2,063.98*	
		For Class 56 Rating, Add	*2,733.55*	
40 05 19 00-2772	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,150.16	494.76
		For Class 52 Rating, Deduct	*-1,034.06*	
		For Class 54 Rating, Add	*1,419.07*	
		For Class 55 Rating, Add	*2,114.31*	
		For Class 56 Rating, Add	*2,800.14*	
40 05 19 00-2773	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,380.36	498.11
		For Class 52 Rating, Deduct	*-1,058.82*	
		For Class 54 Rating, Add	*1,452.90*	
		For Class 55 Rating, Add	*2,164.63*	
		For Class 56 Rating, Add	*2,866.74*	
40 05 19 00-2774	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,610.54	501.45
		For Class 52 Rating, Deduct	*-1,083.58*	
		For Class 54 Rating, Add	*1,486.73*	
		For Class 55 Rating, Add	*2,214.96*	
		For Class 56 Rating, Add	*2,933.33*	

40 05 19 00-2775 12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2776	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,412.77	468.02
		For Class 52 Rating, Deduct	*-187.40*	
		For Class 54 Rating, Add	*264.06*	
		For Class 55 Rating, Add	*396.93*	
		For Class 56 Rating, Add	*528.11*	
40 05 19 00-2777	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,697.72	471.36
		For Class 52 Rating, Deduct	*-218.19*	
		For Class 54 Rating, Add	*306.10*	
		For Class 55 Rating, Add	*459.47*	
		For Class 56 Rating, Add	*610.85*	
40 05 19 00-2778	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,982.68	474.70
		For Class 52 Rating, Deduct	*-248.98*	
		For Class 54 Rating, Add	*348.15*	
		For Class 55 Rating, Add	*522.01*	
		For Class 56 Rating, Add	*693.60*	
40 05 19 00-2779	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,267.63	478.05
		For Class 52 Rating, Deduct	*-279.76*	
		For Class 54 Rating, Add	*390.19*	
		For Class 55 Rating, Add	*584.54*	
		For Class 56 Rating, Add	*776.35*	
40 05 19 00-2780	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,552.58	481.39
		For Class 52 Rating, Deduct	*-310.55*	
		For Class 54 Rating, Add	*432.23*	
		For Class 55 Rating, Add	*647.08*	
		For Class 56 Rating, Add	*859.10*	
40 05 19 00-2781	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,837.52	484.74
		For Class 52 Rating, Deduct	*-341.34*	
		For Class 54 Rating, Add	*474.28*	
		For Class 55 Rating, Add	*709.61*	
		For Class 56 Rating, Add	*941.85*	
40 05 19 00-2782	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,122.48	488.07
		For Class 52 Rating, Deduct	*-372.13*	
		For Class 54 Rating, Add	*516.32*	
		For Class 55 Rating, Add	*772.15*	
		For Class 56 Rating, Add	*1,024.60*	
40 05 19 00-2783	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,407.43	491.42
		For Class 52 Rating, Deduct	*-402.91*	
		For Class 54 Rating, Add	*558.36*	
		For Class 55 Rating, Add	*834.69*	
		For Class 56 Rating, Add	*1,107.35*	
40 05 19 00-2784	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,692.38	494.76
		For Class 52 Rating, Deduct	*-433.70*	
		For Class 54 Rating, Add	*600.41*	
		For Class 55 Rating, Add	*897.22*	
		For Class 56 Rating, Add	*1,190.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2785	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,977.34	498.11
		For Class 52 Rating, Deduct	*-464.49*	
		For Class 54 Rating, Add	*642.45*	
		For Class 55 Rating, Add	*959.76*	
		For Class 56 Rating, Add	*1,272.85*	
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,262.29	501.45
		For Class 52 Rating, Deduct	*-495.28*	
		For Class 54 Rating, Add	*684.50*	
		For Class 55 Rating, Add	*1,022.30*	
		For Class 56 Rating, Add	*1,355.60*	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,547.23	504.79
		For Class 52 Rating, Deduct	*-526.06*	
		For Class 54 Rating, Add	*726.54*	
		For Class 55 Rating, Add	*1,084.83*	
		For Class 56 Rating, Add	*1,438.34*	
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,832.19	508.13
		For Class 52 Rating, Deduct	*-556.85*	
		For Class 54 Rating, Add	*768.58*	
		For Class 55 Rating, Add	*1,147.37*	
		For Class 56 Rating, Add	*1,521.09*	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,117.14	511.48
		For Class 52 Rating, Deduct	*-587.64*	
		For Class 54 Rating, Add	*810.63*	
		For Class 55 Rating, Add	*1,209.90*	
		For Class 56 Rating, Add	*1,603.84*	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,402.09	514.82
		For Class 52 Rating, Deduct	*-618.43*	
		For Class 54 Rating, Add	*852.67*	
		For Class 55 Rating, Add	*1,272.44*	
		For Class 56 Rating, Add	*1,686.59*	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,687.05	518.16
		For Class 52 Rating, Deduct	*-649.21*	
		For Class 54 Rating, Add	*894.71*	
		For Class 55 Rating, Add	*1,334.98*	
		For Class 56 Rating, Add	*1,769.34*	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,971.99	521.50
		For Class 52 Rating, Deduct	*-680.00*	
		For Class 54 Rating, Add	*936.76*	
		For Class 55 Rating, Add	*1,397.51*	
		For Class 56 Rating, Add	*1,852.09*	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,256.94	524.85
		For Class 52 Rating, Deduct	*-710.79*	
		For Class 54 Rating, Add	*978.80*	
		For Class 55 Rating, Add	*1,460.05*	
		For Class 56 Rating, Add	*1,934.84*	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,541.89	528.19
		For Class 52 Rating, Deduct	*-741.58*	
		For Class 54 Rating, Add	*1,020.84*	
		For Class 55 Rating, Add	*1,522.58*	
		For Class 56 Rating, Add	*2,017.58*	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,826.85	531.54
		For Class 52 Rating, Deduct	*-772.36*	
		For Class 54 Rating, Add	*1,062.89*	
		For Class 55 Rating, Add	*1,585.12*	
		For Class 56 Rating, Add	*2,100.33*	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,111.80	534.87
		For Class 52 Rating, Deduct	*-803.15*	
		For Class 54 Rating, Add	*1,104.93*	
		For Class 55 Rating, Add	*1,647.66*	
		For Class 56 Rating, Add	*2,183.08*	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,396.74	538.22
		For Class 52 Rating, Deduct	*-833.94*	
		For Class 54 Rating, Add	*1,146.97*	
		For Class 55 Rating, Add	*1,710.19*	
		For Class 56 Rating, Add	*2,265.83*	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,681.70	541.56
		For Class 52 Rating, Deduct	*-864.73*	
		For Class 54 Rating, Add	*1,189.02*	
		For Class 55 Rating, Add	*1,772.73*	
		For Class 56 Rating, Add	*2,348.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,966.64	544.91
		For Class 52 Rating, Deduct	*-895.51*	
		For Class 54 Rating, Add	*1,231.06*	
		For Class 55 Rating, Add	*1,835.26*	
		For Class 56 Rating, Add	*2,431.33*	
40 05 19 00-2800	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,251.60	548.24
		For Class 52 Rating, Deduct	*-926.30*	
		For Class 54 Rating, Add	*1,273.11*	
		For Class 55 Rating, Add	*1,897.80*	
		For Class 56 Rating, Add	*2,514.08*	
40 05 19 00-2801	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,536.56	551.59
		For Class 52 Rating, Deduct	*-957.09*	
		For Class 54 Rating, Add	*1,315.15*	
		For Class 55 Rating, Add	*1,960.34*	
		For Class 56 Rating, Add	*2,596.83*	
40 05 19 00-2802	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,821.50	554.94
		For Class 52 Rating, Deduct	*-987.88*	
		For Class 54 Rating, Add	*1,357.19*	
		For Class 55 Rating, Add	*2,022.87*	
		For Class 56 Rating, Add	*2,679.57*	
40 05 19 00-2803	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,106.45	558.28
		For Class 52 Rating, Deduct	*-1,018.66*	
		For Class 54 Rating, Add	*1,399.24*	
		For Class 55 Rating, Add	*2,085.41*	
		For Class 56 Rating, Add	*2,762.32*	
40 05 19 00-2804	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,391.40	561.63
		For Class 52 Rating, Deduct	*-1,049.45*	
		For Class 54 Rating, Add	*1,441.28*	
		For Class 55 Rating, Add	*2,147.95*	
		For Class 56 Rating, Add	*2,845.07*	
40 05 19 00-2805	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,676.36	564.96
		For Class 52 Rating, Deduct	*-1,080.24*	
		For Class 54 Rating, Add	*1,483.32*	
		For Class 55 Rating, Add	*2,210.48*	
		For Class 56 Rating, Add	*2,927.82*	
40 05 19 00-2806	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,961.31	568.31
		For Class 52 Rating, Deduct	*-1,111.03*	
		For Class 54 Rating, Add	*1,525.37*	
		For Class 55 Rating, Add	*2,273.02*	
		For Class 56 Rating, Add	*3,010.57*	
40 05 19 00-2807	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,246.26	571.65
		For Class 52 Rating, Deduct	*-1,141.81*	
		For Class 54 Rating, Add	*1,567.41*	
		For Class 55 Rating, Add	*2,335.55*	
		For Class 56 Rating, Add	*3,093.32*	
40 05 19 00-2808	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,531.21	575.00
		For Class 52 Rating, Deduct	*-1,172.60*	
		For Class 54 Rating, Add	*1,609.46*	
		For Class 55 Rating, Add	*2,398.09*	
		For Class 56 Rating, Add	*3,176.07*	
40 05 19 00-2809	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,816.16	578.34
		For Class 52 Rating, Deduct	*-1,203.39*	
		For Class 54 Rating, Add	*1,651.50*	
		For Class 55 Rating, Add	*2,460.63*	
		For Class 56 Rating, Add	*3,258.82*	
40 05 19 00-2810	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,101.12	581.68
		For Class 52 Rating, Deduct	*-1,234.18*	
		For Class 54 Rating, Add	*1,693.54*	
		For Class 55 Rating, Add	*2,523.16*	
		For Class 56 Rating, Add	*3,341.56*	
40 05 19 00-2811	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,386.07	585.02
		For Class 52 Rating, Deduct	*-1,264.96*	
		For Class 54 Rating, Add	*1,735.59*	
		For Class 55 Rating, Add	*2,585.70*	
		For Class 56 Rating, Add	*3,424.31*	
40 05 19 00-2812	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,671.01	588.37
		For Class 52 Rating, Deduct	*-1,295.75*	
		For Class 54 Rating, Add	*1,777.63*	
		For Class 55 Rating, Add	*2,648.23*	
		For Class 56 Rating, Add	*3,507.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2813	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,955.97	591.71
		For Class 52 Rating, Deduct	*-1,326.54*	
		For Class 54 Rating, Add	*1,819.67*	
		For Class 55 Rating, Add	*2,710.77*	
		For Class 56 Rating, Add	*3,589.81*	
40 05 19 00-2814	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,240.92	595.05
		For Class 52 Rating, Deduct	*-1,357.33*	
		For Class 54 Rating, Add	*1,861.72*	
		For Class 55 Rating, Add	*2,773.31*	
		For Class 56 Rating, Add	*3,672.56*	
40 05 19 00-2815		14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*		
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,363.83	561.63
		For Class 52 Rating, Deduct	*-276.42*	
		For Class 54 Rating, Add	*387.14*	
		For Class 55 Rating, Add	*580.80*	
		For Class 56 Rating, Add	*771.94*	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,709.63	564.96
		For Class 52 Rating, Deduct	*-313.90*	
		For Class 54 Rating, Add	*438.32*	
		For Class 55 Rating, Add	*656.90*	
		For Class 56 Rating, Add	*872.63*	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,055.42	568.31
		For Class 52 Rating, Deduct	*-351.38*	
		For Class 54 Rating, Add	*489.49*	
		For Class 55 Rating, Add	*733.01*	
		For Class 56 Rating, Add	*973.33*	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,401.22	571.65
		For Class 52 Rating, Deduct	*-388.86*	
		For Class 54 Rating, Add	*540.66*	
		For Class 55 Rating, Add	*809.11*	
		For Class 56 Rating, Add	*1,074.03*	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,747.01	575.00
		For Class 52 Rating, Deduct	*-426.34*	
		For Class 54 Rating, Add	*591.83*	
		For Class 55 Rating, Add	*885.21*	
		For Class 56 Rating, Add	*1,174.73*	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,092.80	578.34
		For Class 52 Rating, Deduct	*-463.82*	
		For Class 54 Rating, Add	*643.00*	
		For Class 55 Rating, Add	*961.32*	
		For Class 56 Rating, Add	*1,275.42*	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,438.62	581.68
		For Class 52 Rating, Deduct	*-501.30*	
		For Class 54 Rating, Add	*694.17*	
		For Class 55 Rating, Add	*1,037.43*	
		For Class 56 Rating, Add	*1,376.13*	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,784.41	585.02
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*745.34*	
		For Class 55 Rating, Add	*1,113.53*	
		For Class 56 Rating, Add	*1,476.82*	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,130.20	588.37
		For Class 52 Rating, Deduct	*-576.26*	
		For Class 54 Rating, Add	*796.51*	
		For Class 55 Rating, Add	*1,189.63*	
		For Class 56 Rating, Add	*1,577.52*	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,476.00	591.71
		For Class 52 Rating, Deduct	*-613.74*	
		For Class 54 Rating, Add	*847.68*	
		For Class 55 Rating, Add	*1,265.74*	
		For Class 56 Rating, Add	*1,678.22*	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,821.79	595.05
		For Class 52 Rating, Deduct	*-651.22*	
		For Class 54 Rating, Add	*898.85*	
		For Class 55 Rating, Add	*1,341.84*	
		For Class 56 Rating, Add	*1,778.92*	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,167.58	598.39
		For Class 52 Rating, Deduct	*-688.70*	
		For Class 54 Rating, Add	*950.02*	
		For Class 55 Rating, Add	*1,417.95*	
		For Class 56 Rating, Add	*1,879.61*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2828	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,513.39	601.74
		For Class 52 Rating, Deduct	*-726.18*	
		For Class 54 Rating, Add	*1,001.19*	
		For Class 55 Rating, Add	*1,494.05*	
		For Class 56 Rating, Add	*1,980.31*	
40 05 19 00-2829	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,859.18	605.08
		For Class 52 Rating, Deduct	*-763.66*	
		For Class 54 Rating, Add	*1,052.36*	
		For Class 55 Rating, Add	*1,570.16*	
		For Class 56 Rating, Add	*2,081.01*	
40 05 19 00-2830	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,204.97	608.43
		For Class 52 Rating, Deduct	*-801.14*	
		For Class 54 Rating, Add	*1,103.53*	
		For Class 55 Rating, Add	*1,646.26*	
		For Class 56 Rating, Add	*2,181.71*	
40 05 19 00-2831	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,550.77	611.76
		For Class 52 Rating, Deduct	*-838.62*	
		For Class 54 Rating, Add	*1,154.70*	
		For Class 55 Rating, Add	*1,722.36*	
		For Class 56 Rating, Add	*2,282.40*	
40 05 19 00-2832	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,896.56	615.11
		For Class 52 Rating, Deduct	*-876.10*	
		For Class 54 Rating, Add	*1,205.87*	
		For Class 55 Rating, Add	*1,798.47*	
		For Class 56 Rating, Add	*2,383.10*	
40 05 19 00-2833	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,242.37	618.45
		For Class 52 Rating, Deduct	*-913.59*	
		For Class 54 Rating, Add	*1,257.04*	
		For Class 55 Rating, Add	*1,874.58*	
		For Class 56 Rating, Add	*2,483.80*	
40 05 19 00-2834	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,588.17	621.80
		For Class 52 Rating, Deduct	*-951.07*	
		For Class 54 Rating, Add	*1,308.21*	
		For Class 55 Rating, Add	*1,950.68*	
		For Class 56 Rating, Add	*2,584.50*	
40 05 19 00-2835	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,933.96	625.13
		For Class 52 Rating, Deduct	*-988.55*	
		For Class 54 Rating, Add	*1,359.38*	
		For Class 55 Rating, Add	*2,026.78*	
		For Class 56 Rating, Add	*2,685.20*	
40 05 19 00-2836	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,279.75	628.48
		For Class 52 Rating, Deduct	*-1,026.03*	
		For Class 54 Rating, Add	*1,410.55*	
		For Class 55 Rating, Add	*2,102.89*	
		For Class 56 Rating, Add	*2,785.90*	
40 05 19 00-2837	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,625.55	631.82
		For Class 52 Rating, Deduct	*-1,063.51*	
		For Class 54 Rating, Add	*1,461.72*	
		For Class 55 Rating, Add	*2,178.99*	
		For Class 56 Rating, Add	*2,886.59*	
40 05 19 00-2838	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,971.35	635.17
		For Class 52 Rating, Deduct	*-1,100.99*	
		For Class 54 Rating, Add	*1,512.89*	
		For Class 55 Rating, Add	*2,255.10*	
		For Class 56 Rating, Add	*2,987.29*	
40 05 19 00-2839	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,317.14	638.51
		For Class 52 Rating, Deduct	*-1,138.47*	
		For Class 54 Rating, Add	*1,564.06*	
		For Class 55 Rating, Add	*2,331.20*	
		For Class 56 Rating, Add	*3,087.99*	
40 05 19 00-2840	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,662.94	641.85
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,615.23*	
		For Class 55 Rating, Add	*2,407.31*	
		For Class 56 Rating, Add	*3,188.69*	
40 05 19 00-2841	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,008.73	645.19
		For Class 52 Rating, Deduct	*-1,213.43*	
		For Class 54 Rating, Add	*1,666.40*	
		For Class 55 Rating, Add	*2,483.41*	
		For Class 56 Rating, Add	*3,289.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2842	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,354.52	648.54
		For Class 52 Rating, Deduct	*-1,250.91*	
		For Class 54 Rating, Add	*1,717.58*	
		For Class 55 Rating, Add	*2,559.51*	
		For Class 56 Rating, Add	*3,390.08*	
40 05 19 00-2843	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,700.32	651.88
		For Class 52 Rating, Deduct	*-1,288.39*	
		For Class 54 Rating, Add	*1,768.75*	
		For Class 55 Rating, Add	*2,635.62*	
		For Class 56 Rating, Add	*3,490.78*	
40 05 19 00-2844	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,046.12	655.23
		For Class 52 Rating, Deduct	*-1,325.87*	
		For Class 54 Rating, Add	*1,819.92*	
		For Class 55 Rating, Add	*2,711.72*	
		For Class 56 Rating, Add	*3,591.48*	
40 05 19 00-2845	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,391.92	658.56
		For Class 52 Rating, Deduct	*-1,363.35*	
		For Class 54 Rating, Add	*1,871.09*	
		For Class 55 Rating, Add	*2,787.83*	
		For Class 56 Rating, Add	*3,692.18*	
40 05 19 00-2846	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,737.72	661.91
		For Class 52 Rating, Deduct	*-1,400.83*	
		For Class 54 Rating, Add	*1,922.26*	
		For Class 55 Rating, Add	*2,863.93*	
		For Class 56 Rating, Add	*3,792.88*	
40 05 19 00-2847	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,083.51	665.25
		For Class 52 Rating, Deduct	*-1,438.31*	
		For Class 54 Rating, Add	*1,973.43*	
		For Class 55 Rating, Add	*2,940.04*	
		For Class 56 Rating, Add	*3,893.57*	
40 05 19 00-2848	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,429.30	668.60
		For Class 52 Rating, Deduct	*-1,475.79*	
		For Class 54 Rating, Add	*2,024.60*	
		For Class 55 Rating, Add	*3,016.14*	
		For Class 56 Rating, Add	*3,994.27*	
40 05 19 00-2849	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,775.10	671.94
		For Class 52 Rating, Deduct	*-1,513.27*	
		For Class 54 Rating, Add	*2,075.77*	
		For Class 55 Rating, Add	*3,092.25*	
		For Class 56 Rating, Add	*4,094.97*	
40 05 19 00-2850	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,120.90	675.28
		For Class 52 Rating, Deduct	*-1,550.75*	
		For Class 54 Rating, Add	*2,126.94*	
		For Class 55 Rating, Add	*3,168.35*	
		For Class 56 Rating, Add	*4,195.67*	
40 05 19 00-2851	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,466.69	678.63
		For Class 52 Rating, Deduct	*-1,588.23*	
		For Class 54 Rating, Add	*2,178.11*	
		For Class 55 Rating, Add	*3,244.46*	
		For Class 56 Rating, Add	*4,296.36*	
40 05 19 00-2852	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,812.48	681.97
		For Class 52 Rating, Deduct	*-1,625.71*	
		For Class 54 Rating, Add	*2,229.28*	
		For Class 55 Rating, Add	*3,320.56*	
		For Class 56 Rating, Add	*4,397.06*	
40 05 19 00-2853	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,158.28	685.32
		For Class 52 Rating, Deduct	*-1,663.19*	
		For Class 54 Rating, Add	*2,280.45*	
		For Class 55 Rating, Add	*3,396.66*	
		For Class 56 Rating, Add	*4,497.76*	

40 05 19 00-2854 16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,938.69	641.85
		For Class 52 Rating, Deduct	*-326.28*	
		For Class 54 Rating, Add	*456.60*	
		For Class 55 Rating, Add	*684.80*	
		For Class 56 Rating, Add	*910.03*	
40 05 19 00-2856	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,339.25	645.19
		For Class 52 Rating, Deduct	*-369.78*	
		For Class 54 Rating, Add	*515.98*	
		For Class 55 Rating, Add	*773.12*	
		For Class 56 Rating, Add	*1,026.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2857	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,739.80	648.54
		For Class 52 Rating, Deduct	*-413.29*	
		For Class 54 Rating, Add	*575.37*	
		For Class 55 Rating, Add	*861.43*	
		For Class 56 Rating, Add	*1,143.74*	
40 05 19 00-2858	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,140.36	651.88
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*634.75*	
		For Class 55 Rating, Add	*949.75*	
		For Class 56 Rating, Add	*1,260.59*	
40 05 19 00-2859	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,540.92	655.23
		For Class 52 Rating, Deduct	*-500.30*	
		For Class 54 Rating, Add	*694.14*	
		For Class 55 Rating, Add	*1,038.06*	
		For Class 56 Rating, Add	*1,377.44*	
40 05 19 00-2860	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,941.47	658.56
		For Class 52 Rating, Deduct	*-543.80*	
		For Class 54 Rating, Add	*753.52*	
		For Class 55 Rating, Add	*1,126.38*	
		For Class 56 Rating, Add	*1,494.30*	
40 05 19 00-2861	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,342.03	661.91
		For Class 52 Rating, Deduct	*-587.30*	
		For Class 54 Rating, Add	*812.90*	
		For Class 55 Rating, Add	*1,214.70*	
		For Class 56 Rating, Add	*1,611.15*	
40 05 19 00-2862	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,742.58	665.25
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*872.29*	
		For Class 55 Rating, Add	*1,303.01*	
		For Class 56 Rating, Add	*1,728.00*	
40 05 19 00-2863	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,143.13	668.60
		For Class 52 Rating, Deduct	*-674.31*	
		For Class 54 Rating, Add	*931.67*	
		For Class 55 Rating, Add	*1,391.33*	
		For Class 56 Rating, Add	*1,844.85*	
40 05 19 00-2864	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,543.69	671.94
		For Class 52 Rating, Deduct	*-717.82*	
		For Class 54 Rating, Add	*991.06*	
		For Class 55 Rating, Add	*1,479.64*	
		For Class 56 Rating, Add	*1,961.70*	
40 05 19 00-2865	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,944.26	675.28
		For Class 52 Rating, Deduct	*-761.32*	
		For Class 54 Rating, Add	*1,050.44*	
		For Class 55 Rating, Add	*1,567.96*	
		For Class 56 Rating, Add	*2,078.56*	
40 05 19 00-2866	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,344.81	678.63
		For Class 52 Rating, Deduct	*-804.82*	
		For Class 54 Rating, Add	*1,109.83*	
		For Class 55 Rating, Add	*1,656.28*	
		For Class 56 Rating, Add	*2,195.41*	
40 05 19 00-2867	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,745.36	681.97
		For Class 52 Rating, Deduct	*-848.33*	
		For Class 54 Rating, Add	*1,169.21*	
		For Class 55 Rating, Add	*1,744.59*	
		For Class 56 Rating, Add	*2,312.26*	
40 05 19 00-2868	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,145.92	685.32
		For Class 52 Rating, Deduct	*-891.83*	
		For Class 54 Rating, Add	*1,228.60*	
		For Class 55 Rating, Add	*1,832.91*	
		For Class 56 Rating, Add	*2,429.11*	
40 05 19 00-2869	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,546.48	688.65
		For Class 52 Rating, Deduct	*-935.34*	
		For Class 54 Rating, Add	*1,287.98*	
		For Class 55 Rating, Add	*1,921.22*	
		For Class 56 Rating, Add	*2,545.97*	
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,947.03	692.00
		For Class 52 Rating, Deduct	*-978.84*	
		For Class 54 Rating, Add	*1,347.36*	
		For Class 55 Rating, Add	*2,009.54*	
		For Class 56 Rating, Add	*2,662.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,347.59	695.34
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,406.75*	
		For Class 55 Rating, Add	*2,097.86*	
		For Class 56 Rating, Add	*2,779.67*	
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,748.14	698.69
		For Class 52 Rating, Deduct	*-1,065.85*	
		For Class 54 Rating, Add	*1,466.13*	
		For Class 55 Rating, Add	*2,186.17*	
		For Class 56 Rating, Add	*2,896.52*	
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,148.70	702.03
		For Class 52 Rating, Deduct	*-1,109.35*	
		For Class 54 Rating, Add	*1,525.52*	
		For Class 55 Rating, Add	*2,274.49*	
		For Class 56 Rating, Add	*3,013.38*	
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,549.26	705.37
		For Class 52 Rating, Deduct	*-1,152.86*	
		For Class 54 Rating, Add	*1,584.90*	
		For Class 55 Rating, Add	*2,362.81*	
		For Class 56 Rating, Add	*3,130.23*	
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,949.82	708.71
		For Class 52 Rating, Deduct	*-1,196.36*	
		For Class 54 Rating, Add	*1,644.29*	
		For Class 55 Rating, Add	*2,451.12*	
		For Class 56 Rating, Add	*3,247.08*	
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,350.37	712.06
		For Class 52 Rating, Deduct	*-1,239.87*	
		For Class 54 Rating, Add	*1,703.67*	
		For Class 55 Rating, Add	*2,539.44*	
		For Class 56 Rating, Add	*3,363.93*	
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,750.93	715.40
		For Class 52 Rating, Deduct	*-1,283.37*	
		For Class 54 Rating, Add	*1,763.06*	
		For Class 55 Rating, Add	*2,627.75*	
		For Class 56 Rating, Add	*3,480.78*	
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,151.48	718.74
		For Class 52 Rating, Deduct	*-1,326.87*	
		For Class 54 Rating, Add	*1,822.44*	
		For Class 55 Rating, Add	*2,716.07*	
		For Class 56 Rating, Add	*3,597.64*	
40 05 19 00-2879	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,552.03	722.08
		For Class 52 Rating, Deduct	*-1,370.38*	
		For Class 54 Rating, Add	*1,881.82*	
		For Class 55 Rating, Add	*2,804.38*	
		For Class 56 Rating, Add	*3,714.49*	
40 05 19 00-2880	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,952.60	725.43
		For Class 52 Rating, Deduct	*-1,413.88*	
		For Class 54 Rating, Add	*1,941.21*	
		For Class 55 Rating, Add	*2,892.70*	
		For Class 56 Rating, Add	*3,831.34*	
40 05 19 00-2881	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,353.16	728.77
		For Class 52 Rating, Deduct	*-1,457.39*	
		For Class 54 Rating, Add	*2,000.59*	
		For Class 55 Rating, Add	*2,981.02*	
		For Class 56 Rating, Add	*3,948.19*	
40 05 19 00-2882	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,753.71	732.12
		For Class 52 Rating, Deduct	*-1,500.89*	
		For Class 54 Rating, Add	*2,059.98*	
		For Class 55 Rating, Add	*3,069.33*	
		For Class 56 Rating, Add	*4,065.05*	
40 05 19 00-2883	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,154.27	735.45
		For Class 52 Rating, Deduct	*-1,544.39*	
		For Class 54 Rating, Add	*2,119.36*	
		For Class 55 Rating, Add	*3,157.65*	
		For Class 56 Rating, Add	*4,181.90*	
40 05 19 00-2884	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,554.82	738.80
		For Class 52 Rating, Deduct	*-1,587.90*	
		For Class 54 Rating, Add	*2,178.75*	
		For Class 55 Rating, Add	*3,245.97*	
		For Class 56 Rating, Add	*4,298.75*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2885	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,955.38	742.14
		For Class 52 Rating, Deduct	*-1,631.40*	
		For Class 54 Rating, Add	*2,238.13*	
		For Class 55 Rating, Add	*3,334.28*	
		For Class 56 Rating, Add	*4,415.60*	
40 05 19 00-2886	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,355.94	745.49
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,297.52*	
		For Class 55 Rating, Add	*3,422.60*	
		For Class 56 Rating, Add	*4,532.45*	
40 05 19 00-2887	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,756.49	748.82
		For Class 52 Rating, Deduct	*-1,718.41*	
		For Class 54 Rating, Add	*2,356.90*	
		For Class 55 Rating, Add	*3,510.91*	
		For Class 56 Rating, Add	*4,649.31*	
40 05 19 00-2888	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,157.04	752.17
		For Class 52 Rating, Deduct	*-1,761.91*	
		For Class 54 Rating, Add	*2,416.28*	
		For Class 55 Rating, Add	*3,599.23*	
		For Class 56 Rating, Add	*4,766.16*	
40 05 19 00-2889	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,557.60	755.51
		For Class 52 Rating, Deduct	*-1,805.42*	
		For Class 54 Rating, Add	*2,475.67*	
		For Class 55 Rating, Add	*3,687.55*	
		For Class 56 Rating, Add	*4,883.01*	
40 05 19 00-2890	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,958.16	758.86
		For Class 52 Rating, Deduct	*-1,848.92*	
		For Class 54 Rating, Add	*2,535.05*	
		For Class 55 Rating, Add	*3,775.86*	
		For Class 56 Rating, Add	*4,999.86*	
40 05 19 00-2891	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,358.72	762.20
		For Class 52 Rating, Deduct	*-1,892.43*	
		For Class 54 Rating, Add	*2,594.44*	
		For Class 55 Rating, Add	*3,864.18*	
		For Class 56 Rating, Add	*5,116.72*	
40 05 19 00-2892	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,759.28	765.54
		For Class 52 Rating, Deduct	*-1,935.93*	
		For Class 54 Rating, Add	*2,653.82*	
		For Class 55 Rating, Add	*3,952.50*	
		For Class 56 Rating, Add	*5,233.57*	

40 05 19 00-2893 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,609.89	723.43
		For Class 52 Rating, Deduct	*-386.52*	
		For Class 54 Rating, Add	*540.22*	
		For Class 55 Rating, Add	*809.88*	
		For Class 56 Rating, Add	*1,076.03*	
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,071.28	726.77
		For Class 52 Rating, Deduct	*-436.71*	
		For Class 54 Rating, Add	*608.73*	
		For Class 55 Rating, Add	*911.76*	
		For Class 56 Rating, Add	*1,210.83*	
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,532.68	730.11
		For Class 52 Rating, Deduct	*-486.91*	
		For Class 54 Rating, Add	*677.24*	
		For Class 55 Rating, Add	*1,013.65*	
		For Class 56 Rating, Add	*1,345.63*	
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,994.08	733.45
		For Class 52 Rating, Deduct	*-537.11*	
		For Class 54 Rating, Add	*745.76*	
		For Class 55 Rating, Add	*1,115.54*	
		For Class 56 Rating, Add	*1,480.43*	
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,455.49	736.80
		For Class 52 Rating, Deduct	*-587.30*	
		For Class 54 Rating, Add	*814.27*	
		For Class 55 Rating, Add	*1,217.42*	
		For Class 56 Rating, Add	*1,615.23*	
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,916.89	740.14
		For Class 52 Rating, Deduct	*-637.50*	
		For Class 54 Rating, Add	*882.78*	
		For Class 55 Rating, Add	*1,319.30*	
		For Class 56 Rating, Add	*1,750.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,378.28	743.48
		For Class 52 Rating, Deduct	*-687.70*	
		For Class 54 Rating, Add	*951.29*	
		For Class 55 Rating, Add	*1,421.19*	
		For Class 56 Rating, Add	*1,884.83*	
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,839.69	746.83
		For Class 52 Rating, Deduct	*-737.90*	
		For Class 54 Rating, Add	*1,019.80*	
		For Class 55 Rating, Add	*1,523.07*	
		For Class 56 Rating, Add	*2,019.64*	
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,301.09	750.17
		For Class 52 Rating, Deduct	*-788.09*	
		For Class 54 Rating, Add	*1,088.31*	
		For Class 55 Rating, Add	*1,624.96*	
		For Class 56 Rating, Add	*2,154.44*	
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,762.49	753.52
		For Class 52 Rating, Deduct	*-838.29*	
		For Class 54 Rating, Add	*1,156.82*	
		For Class 55 Rating, Add	*1,726.84*	
		For Class 56 Rating, Add	*2,289.24*	
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,223.90	756.86
		For Class 52 Rating, Deduct	*-888.49*	
		For Class 54 Rating, Add	*1,225.33*	
		For Class 55 Rating, Add	*1,828.73*	
		For Class 56 Rating, Add	*2,424.04*	
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,685.29	760.20
		For Class 52 Rating, Deduct	*-938.68*	
		For Class 54 Rating, Add	*1,293.84*	
		For Class 55 Rating, Add	*1,930.61*	
		For Class 56 Rating, Add	*2,558.84*	
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,146.69	763.54
		For Class 52 Rating, Deduct	*-988.88*	
		For Class 54 Rating, Add	*1,362.36*	
		For Class 55 Rating, Add	*2,032.49*	
		For Class 56 Rating, Add	*2,693.64*	
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,608.10	766.89
		For Class 52 Rating, Deduct	*-1,039.08*	
		For Class 54 Rating, Add	*1,430.87*	
		For Class 55 Rating, Add	*2,134.38*	
		For Class 56 Rating, Add	*2,828.45*	
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,069.49	770.23
		For Class 52 Rating, Deduct	*-1,089.27*	
		For Class 54 Rating, Add	*1,499.38*	
		For Class 55 Rating, Add	*2,236.26*	
		For Class 56 Rating, Add	*2,963.25*	
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,530.90	773.58
		For Class 52 Rating, Deduct	*-1,139.47*	
		For Class 54 Rating, Add	*1,567.89*	
		For Class 55 Rating, Add	*2,338.15*	
		For Class 56 Rating, Add	*3,098.05*	
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,992.30	776.91
		For Class 52 Rating, Deduct	*-1,189.67*	
		For Class 54 Rating, Add	*1,636.40*	
		For Class 55 Rating, Add	*2,440.03*	
		For Class 56 Rating, Add	*3,232.85*	
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,453.70	780.26
		For Class 52 Rating, Deduct	*-1,239.87*	
		For Class 54 Rating, Add	*1,704.91*	
		For Class 55 Rating, Add	*2,541.92*	
		For Class 56 Rating, Add	*3,367.65*	
40 05 19 00-2912	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,915.10	783.60
		For Class 52 Rating, Deduct	*-1,290.06*	
		For Class 54 Rating, Add	*1,773.42*	
		For Class 55 Rating, Add	*2,643.80*	
		For Class 56 Rating, Add	*3,502.45*	
40 05 19 00-2913	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,376.50	786.95
		For Class 52 Rating, Deduct	*-1,340.26*	
		For Class 54 Rating, Add	*1,841.93*	
		For Class 55 Rating, Add	*2,745.69*	
		For Class 56 Rating, Add	*3,637.25*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2914	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,837.91	790.28
		For Class 52 Rating, Deduct	*-1,390.46*	
		For Class 54 Rating, Add	*1,910.45*	
		For Class 55 Rating, Add	*2,847.57*	
		For Class 56 Rating, Add	*3,772.06*	
40 05 19 00-2915	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,299.30	793.63
		For Class 52 Rating, Deduct	*-1,440.65*	
		For Class 54 Rating, Add	*1,978.96*	
		For Class 55 Rating, Add	*2,949.45*	
		For Class 56 Rating, Add	*3,906.86*	
40 05 19 00-2916	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,760.71	796.97
		For Class 52 Rating, Deduct	*-1,490.85*	
		For Class 54 Rating, Add	*2,047.47*	
		For Class 55 Rating, Add	*3,051.34*	
		For Class 56 Rating, Add	*4,041.66*	
40 05 19 00-2917	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,222.11	800.32
		For Class 52 Rating, Deduct	*-1,541.05*	
		For Class 54 Rating, Add	*2,115.98*	
		For Class 55 Rating, Add	*3,153.23*	
		For Class 56 Rating, Add	*4,176.46*	
40 05 19 00-2918	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,683.50	803.66
		For Class 52 Rating, Deduct	*-1,591.24*	
		For Class 54 Rating, Add	*2,184.49*	
		For Class 55 Rating, Add	*3,255.11*	
		For Class 56 Rating, Add	*4,311.26*	
40 05 19 00-2919	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,144.92	807.00
		For Class 52 Rating, Deduct	*-1,641.44*	
		For Class 54 Rating, Add	*2,253.00*	
		For Class 55 Rating, Add	*3,356.99*	
		For Class 56 Rating, Add	*4,446.06*	
40 05 19 00-2920	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,606.31	810.34
		For Class 52 Rating, Deduct	*-1,691.64*	
		For Class 54 Rating, Add	*2,321.51*	
		For Class 55 Rating, Add	*3,458.88*	
		For Class 56 Rating, Add	*4,580.86*	
40 05 19 00-2921	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,067.71	813.69
		For Class 52 Rating, Deduct	*-1,741.83*	
		For Class 54 Rating, Add	*2,390.02*	
		For Class 55 Rating, Add	*3,560.76*	
		For Class 56 Rating, Add	*4,715.67*	
40 05 19 00-2922	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,529.12	817.03
		For Class 52 Rating, Deduct	*-1,792.03*	
		For Class 54 Rating, Add	*2,458.54*	
		For Class 55 Rating, Add	*3,662.65*	
		For Class 56 Rating, Add	*4,850.47*	
40 05 19 00-2923	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,990.51	820.37
		For Class 52 Rating, Deduct	*-1,842.23*	
		For Class 54 Rating, Add	*2,527.05*	
		For Class 55 Rating, Add	*3,764.53*	
		For Class 56 Rating, Add	*4,985.27*	
40 05 19 00-2924	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,451.91	823.71
		For Class 52 Rating, Deduct	*-1,892.43*	
		For Class 54 Rating, Add	*2,595.56*	
		For Class 55 Rating, Add	*3,866.42*	
		For Class 56 Rating, Add	*5,120.07*	
40 05 19 00-2925	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,913.32	827.06
		For Class 52 Rating, Deduct	*-1,942.62*	
		For Class 54 Rating, Add	*2,664.07*	
		For Class 55 Rating, Add	*3,968.30*	
		For Class 56 Rating, Add	*5,254.87*	
40 05 19 00-2926	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,374.72	830.40
		For Class 52 Rating, Deduct	*-1,992.82*	
		For Class 54 Rating, Add	*2,732.58*	
		For Class 55 Rating, Add	*4,070.18*	
		For Class 56 Rating, Add	*5,389.67*	
40 05 19 00-2927	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,836.12	833.75
		For Class 52 Rating, Deduct	*-2,043.02*	
		For Class 54 Rating, Add	*2,801.09*	
		For Class 55 Rating, Add	*4,172.07*	
		For Class 56 Rating, Add	*5,524.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2928	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,297.52	837.08
		For Class 52 Rating, Deduct	*-2,093.21*	
		For Class 54 Rating, Add	*2,869.60*	
		For Class 55 Rating, Add	*4,273.95*	
		For Class 56 Rating, Add	*5,659.28*	
40 05 19 00-2929	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,758.92	840.43
		For Class 52 Rating, Deduct	*-2,143.41*	
		For Class 54 Rating, Add	*2,938.11*	
		For Class 55 Rating, Add	*4,375.84*	
		For Class 56 Rating, Add	*5,794.08*	
40 05 19 00-2930	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,220.32	843.77
		For Class 52 Rating, Deduct	*-2,193.61*	
		For Class 54 Rating, Add	*3,006.62*	
		For Class 55 Rating, Add	*4,477.72*	
		For Class 56 Rating, Add	*5,928.88*	
40 05 19 00-2931	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,681.73	847.12
		For Class 52 Rating, Deduct	*-2,243.80*	
		For Class 54 Rating, Add	*3,075.14*	
		For Class 55 Rating, Add	*4,579.61*	
		For Class 56 Rating, Add	*6,063.68*	

40 05 19 00-2932 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,342.89	825.71
		For Class 52 Rating, Deduct	*-450.10*	
		For Class 54 Rating, Add	*628.78*	
		For Class 55 Rating, Add	*942.50*	
		For Class 56 Rating, Add	*1,252.12*	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,868.19	829.06
		For Class 52 Rating, Deduct	*-507.32*	
		For Class 54 Rating, Add	*706.88*	
		For Class 55 Rating, Add	*1,058.63*	
		For Class 56 Rating, Add	*1,405.77*	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,393.48	832.40
		For Class 52 Rating, Deduct	*-564.55*	
		For Class 54 Rating, Add	*784.97*	
		For Class 55 Rating, Add	*1,174.76*	
		For Class 56 Rating, Add	*1,559.42*	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,918.76	835.75
		For Class 52 Rating, Deduct	*-621.77*	
		For Class 54 Rating, Add	*863.07*	
		For Class 55 Rating, Add	*1,290.89*	
		For Class 56 Rating, Add	*1,713.07*	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,444.05	839.09
		For Class 52 Rating, Deduct	*-679.00*	
		For Class 54 Rating, Add	*941.16*	
		For Class 55 Rating, Add	*1,407.02*	
		For Class 56 Rating, Add	*1,866.72*	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,969.34	842.43
		For Class 52 Rating, Deduct	*-736.22*	
		For Class 54 Rating, Add	*1,019.26*	
		For Class 55 Rating, Add	*1,523.16*	
		For Class 56 Rating, Add	*2,020.37*	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,494.62	845.77
		For Class 52 Rating, Deduct	*-793.45*	
		For Class 54 Rating, Add	*1,097.35*	
		For Class 55 Rating, Add	*1,639.29*	
		For Class 56 Rating, Add	*2,174.01*	
40 05 19 00-2940	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,019.91	849.12
		For Class 52 Rating, Deduct	*-850.67*	
		For Class 54 Rating, Add	*1,175.44*	
		For Class 55 Rating, Add	*1,755.42*	
		For Class 56 Rating, Add	*2,327.66*	
40 05 19 00-2941	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,545.21	852.46
		For Class 52 Rating, Deduct	*-907.90*	
		For Class 54 Rating, Add	*1,253.54*	
		For Class 55 Rating, Add	*1,871.55*	
		For Class 56 Rating, Add	*2,481.31*	
40 05 19 00-2942	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,070.49	855.81
		For Class 52 Rating, Deduct	*-965.12*	
		For Class 54 Rating, Add	*1,331.63*	
		For Class 55 Rating, Add	*1,987.68*	
		For Class 56 Rating, Add	*2,634.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2943	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,595.78	859.14
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,409.73*	
		For Class 55 Rating, Add	*2,103.81*	
		For Class 56 Rating, Add	*2,788.60*	
40 05 19 00-2944	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,121.07	862.49
		For Class 52 Rating, Deduct	*-1,079.57*	
		For Class 54 Rating, Add	*1,487.82*	
		For Class 55 Rating, Add	*2,219.95*	
		For Class 56 Rating, Add	*2,942.25*	
40 05 19 00-2945	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,646.35	865.83
		For Class 52 Rating, Deduct	*-1,136.79*	
		For Class 54 Rating, Add	*1,565.92*	
		For Class 55 Rating, Add	*2,336.08*	
		For Class 56 Rating, Add	*3,095.90*	
40 05 19 00-2946	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,171.65	869.18
		For Class 52 Rating, Deduct	*-1,194.02*	
		For Class 54 Rating, Add	*1,644.01*	
		For Class 55 Rating, Add	*2,452.21*	
		For Class 56 Rating, Add	*3,249.55*	
40 05 19 00-2947	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,696.94	872.51
		For Class 52 Rating, Deduct	*-1,251.24*	
		For Class 54 Rating, Add	*1,722.11*	
		For Class 55 Rating, Add	*2,568.34*	
		For Class 56 Rating, Add	*3,403.20*	
40 05 19 00-2948	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,222.22	875.86
		For Class 52 Rating, Deduct	*-1,308.47*	
		For Class 54 Rating, Add	*1,800.20*	
		For Class 55 Rating, Add	*2,684.47*	
		For Class 56 Rating, Add	*3,556.85*	
40 05 19 00-2949	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,747.51	879.20
		For Class 52 Rating, Deduct	*-1,365.69*	
		For Class 54 Rating, Add	*1,878.29*	
		For Class 55 Rating, Add	*2,800.60*	
		For Class 56 Rating, Add	*3,710.49*	
40 05 19 00-2950	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,272.79	882.55
		For Class 52 Rating, Deduct	*-1,422.92*	
		For Class 54 Rating, Add	*1,956.39*	
		For Class 55 Rating, Add	*2,916.73*	
		For Class 56 Rating, Add	*3,864.14*	
40 05 19 00-2951	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,798.09	885.89
		For Class 52 Rating, Deduct	*-1,480.14*	
		For Class 54 Rating, Add	*2,034.48*	
		For Class 55 Rating, Add	*3,032.86*	
		For Class 56 Rating, Add	*4,017.79*	
40 05 19 00-2952	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,323.38	889.23
		For Class 52 Rating, Deduct	*-1,537.37*	
		For Class 54 Rating, Add	*2,112.58*	
		For Class 55 Rating, Add	*3,149.00*	
		For Class 56 Rating, Add	*4,171.44*	
40 05 19 00-2953	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,848.66	892.58
		For Class 52 Rating, Deduct	*-1,594.59*	
		For Class 54 Rating, Add	*2,190.67*	
		For Class 55 Rating, Add	*3,265.13*	
		For Class 56 Rating, Add	*4,325.09*	
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,373.95	895.92
		For Class 52 Rating, Deduct	*-1,651.82*	
		For Class 54 Rating, Add	*2,268.76*	
		For Class 55 Rating, Add	*3,381.26*	
		For Class 56 Rating, Add	*4,478.74*	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,899.24	899.27
		For Class 52 Rating, Deduct	*-1,709.04*	
		For Class 54 Rating, Add	*2,346.86*	
		For Class 55 Rating, Add	*3,497.39*	
		For Class 56 Rating, Add	*4,632.38*	
40 05 19 00-2956	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,424.52	902.61
		For Class 52 Rating, Deduct	*-1,766.26*	
		For Class 54 Rating, Add	*2,424.95*	
		For Class 55 Rating, Add	*3,613.52*	
		For Class 56 Rating, Add	*4,786.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2957	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,949.82	905.95
		For Class 52 Rating, Deduct	*-1,823.49*	
		For Class 54 Rating, Add	*2,503.05*	
		For Class 55 Rating, Add	*3,729.65*	
		For Class 56 Rating, Add	*4,939.68*	
40 05 19 00-2958	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,475.11	909.29
		For Class 52 Rating, Deduct	*-1,880.71*	
		For Class 54 Rating, Add	*2,581.14*	
		For Class 55 Rating, Add	*3,845.78*	
		For Class 56 Rating, Add	*5,093.33*	
40 05 19 00-2959	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,000.39	912.64
		For Class 52 Rating, Deduct	*-1,937.94*	
		For Class 54 Rating, Add	*2,659.23*	
		For Class 55 Rating, Add	*3,961.91*	
		For Class 56 Rating, Add	*5,246.98*	
40 05 19 00-2960	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,525.67	915.98
		For Class 52 Rating, Deduct	*-1,995.16*	
		For Class 54 Rating, Add	*2,737.33*	
		For Class 55 Rating, Add	*4,078.04*	
		For Class 56 Rating, Add	*5,400.62*	
40 05 19 00-2961	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,050.97	919.32
		For Class 52 Rating, Deduct	*-2,052.39*	
		For Class 54 Rating, Add	*2,815.42*	
		For Class 55 Rating, Add	*4,194.18*	
		For Class 56 Rating, Add	*5,554.27*	
40 05 19 00-2962	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,576.26	922.66
		For Class 52 Rating, Deduct	*-2,109.61*	
		For Class 54 Rating, Add	*2,893.52*	
		For Class 55 Rating, Add	*4,310.31*	
		For Class 56 Rating, Add	*5,707.92*	
40 05 19 00-2963	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,101.54	926.01
		For Class 52 Rating, Deduct	*-2,166.84*	
		For Class 54 Rating, Add	*2,971.61*	
		For Class 55 Rating, Add	*4,426.44*	
		For Class 56 Rating, Add	*5,861.57*	
40 05 19 00-2964	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,626.84	929.35
		For Class 52 Rating, Deduct	*-2,224.06*	
		For Class 54 Rating, Add	*3,049.71*	
		For Class 55 Rating, Add	*4,542.57*	
		For Class 56 Rating, Add	*6,015.22*	
40 05 19 00-2965	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,152.12	932.70
		For Class 52 Rating, Deduct	*-2,281.28*	
		For Class 54 Rating, Add	*3,127.80*	
		For Class 55 Rating, Add	*4,658.70*	
		For Class 56 Rating, Add	*6,168.86*	
40 05 19 00-2966	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,677.40	936.03
		For Class 52 Rating, Deduct	*-2,338.51*	
		For Class 54 Rating, Add	*3,205.89*	
		For Class 55 Rating, Add	*4,774.83*	
		For Class 56 Rating, Add	*6,322.51*	
40 05 19 00-2967	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,202.71	939.38
		For Class 52 Rating, Deduct	*-2,395.73*	
		For Class 54 Rating, Add	*3,283.99*	
		For Class 55 Rating, Add	*4,890.97*	
		For Class 56 Rating, Add	*6,476.16*	
40 05 19 00-2968	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,727.99	942.72
		For Class 52 Rating, Deduct	*-2,452.96*	
		For Class 54 Rating, Add	*3,362.08*	
		For Class 55 Rating, Add	*5,007.10*	
		For Class 56 Rating, Add	*6,629.81*	
40 05 19 00-2969	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,253.27	946.07
		For Class 52 Rating, Deduct	*-2,510.18*	
		For Class 54 Rating, Add	*3,440.18*	
		For Class 55 Rating, Add	*5,123.23*	
		For Class 56 Rating, Add	*6,783.46*	
40 05 19 00-2970	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,778.57	949.40
		For Class 52 Rating, Deduct	*-2,567.41*	
		For Class 54 Rating, Add	*3,518.27*	
		For Class 55 Rating, Add	*5,239.36*	
		For Class 56 Rating, Add	*6,937.11*	

40 05 19 00-2971 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2972	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,644.74	976.15
		For Class 52 Rating, Deduct	*-568.23*	
		For Class 54 Rating, Add	*792.61*	
		For Class 55 Rating, Add	*1,187.45*	
		For Class 56 Rating, Add	*1,577.13*	
40 05 19 00-2973	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,294.76	979.50
		For Class 52 Rating, Deduct	*-639.17*	
		For Class 54 Rating, Add	*889.41*	
		For Class 55 Rating, Add	*1,331.40*	
		For Class 56 Rating, Add	*1,767.58*	
40 05 19 00-2974	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,944.78	982.83
		For Class 52 Rating, Deduct	*-710.12*	
		For Class 54 Rating, Add	*986.21*	
		For Class 55 Rating, Add	*1,475.35*	
		For Class 56 Rating, Add	*1,958.02*	
40 05 19 00-2975	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,594.80	986.18
		For Class 52 Rating, Deduct	*-781.06*	
		For Class 54 Rating, Add	*1,083.02*	
		For Class 55 Rating, Add	*1,619.29*	
		For Class 56 Rating, Add	*2,148.47*	
40 05 19 00-2976	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,244.81	989.52
		For Class 52 Rating, Deduct	*-852.01*	
		For Class 54 Rating, Add	*1,179.82*	
		For Class 55 Rating, Add	*1,763.24*	
		For Class 56 Rating, Add	*2,338.91*	
40 05 19 00-2977	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,894.85	992.87
		For Class 52 Rating, Deduct	*-922.96*	
		For Class 54 Rating, Add	*1,276.63*	
		For Class 55 Rating, Add	*1,907.19*	
		For Class 56 Rating, Add	*2,529.35*	
40 05 19 00-2978	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,544.86	996.20
		For Class 52 Rating, Deduct	*-993.90*	
		For Class 54 Rating, Add	*1,373.43*	
		For Class 55 Rating, Add	*2,051.13*	
		For Class 56 Rating, Add	*2,719.80*	
40 05 19 00-2979	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,194.88	999.55
		For Class 52 Rating, Deduct	*-1,064.85*	
		For Class 54 Rating, Add	*1,470.24*	
		For Class 55 Rating, Add	*2,195.08*	
		For Class 56 Rating, Add	*2,910.24*	
40 05 19 00-2980	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,844.90	1,002.90
		For Class 52 Rating, Deduct	*-1,135.79*	
		For Class 54 Rating, Add	*1,567.04*	
		For Class 55 Rating, Add	*2,339.02*	
		For Class 56 Rating, Add	*3,100.68*	
40 05 19 00-2981	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,494.92	1,006.24
		For Class 52 Rating, Deduct	*-1,206.74*	
		For Class 54 Rating, Add	*1,663.84*	
		For Class 55 Rating, Add	*2,482.97*	
		For Class 56 Rating, Add	*3,291.13*	
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,144.93	1,009.59
		For Class 52 Rating, Deduct	*-1,277.68*	
		For Class 54 Rating, Add	*1,760.65*	
		For Class 55 Rating, Add	*2,626.92*	
		For Class 56 Rating, Add	*3,481.57*	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,794.97	1,012.92
		For Class 52 Rating, Deduct	*-1,348.63*	
		For Class 54 Rating, Add	*1,857.45*	
		For Class 55 Rating, Add	*2,770.87*	
		For Class 56 Rating, Add	*3,672.02*	
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,444.98	1,016.27
		For Class 52 Rating, Deduct	*-1,419.57*	
		For Class 54 Rating, Add	*1,954.25*	
		For Class 55 Rating, Add	*2,914.81*	
		For Class 56 Rating, Add	*3,862.46*	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,095.00	1,019.61
		For Class 52 Rating, Deduct	*-1,490.52*	
		For Class 54 Rating, Add	*2,051.06*	
		For Class 55 Rating, Add	*3,058.76*	
		For Class 56 Rating, Add	*4,052.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,745.02	1,022.96
		For Class 52 Rating, Deduct	*-1,561.46*	
		For Class 54 Rating, Add	*2,147.86*	
		For Class 55 Rating, Add	*3,202.70*	
		For Class 56 Rating, Add	*4,243.35*	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,395.04	1,026.30
		For Class 52 Rating, Deduct	*-1,632.41*	
		For Class 54 Rating, Add	*2,244.67*	
		For Class 55 Rating, Add	*3,346.65*	
		For Class 56 Rating, Add	*4,433.79*	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,045.06	1,029.64
		For Class 52 Rating, Deduct	*-1,703.35*	
		For Class 54 Rating, Add	*2,341.47*	
		For Class 55 Rating, Add	*3,490.60*	
		For Class 56 Rating, Add	*4,624.24*	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,695.09	1,032.98
		For Class 52 Rating, Deduct	*-1,774.30*	
		For Class 54 Rating, Add	*2,438.28*	
		For Class 55 Rating, Add	*3,634.54*	
		For Class 56 Rating, Add	*4,814.68*	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,345.10	1,036.33
		For Class 52 Rating, Deduct	*-1,845.24*	
		For Class 54 Rating, Add	*2,535.08*	
		For Class 55 Rating, Add	*3,778.49*	
		For Class 56 Rating, Add	*5,005.13*	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,995.12	1,039.67
		For Class 52 Rating, Deduct	*-1,916.19*	
		For Class 54 Rating, Add	*2,631.88*	
		For Class 55 Rating, Add	*3,922.44*	
		For Class 56 Rating, Add	*5,195.57*	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,645.14	1,043.01
		For Class 52 Rating, Deduct	*-1,987.13*	
		For Class 54 Rating, Add	*2,728.69*	
		For Class 55 Rating, Add	*4,066.38*	
		For Class 56 Rating, Add	*5,386.01*	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,295.17	1,046.35
		For Class 52 Rating, Deduct	*-2,058.08*	
		For Class 54 Rating, Add	*2,825.49*	
		For Class 55 Rating, Add	*4,210.33*	
		For Class 56 Rating, Add	*5,576.46*	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,945.18	1,049.70
		For Class 52 Rating, Deduct	*-2,129.02*	
		For Class 54 Rating, Add	*2,922.29*	
		For Class 55 Rating, Add	*4,354.28*	
		For Class 56 Rating, Add	*5,766.90*	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,595.21	1,053.04
		For Class 52 Rating, Deduct	*-2,199.97*	
		For Class 54 Rating, Add	*3,019.10*	
		For Class 55 Rating, Add	*4,498.22*	
		For Class 56 Rating, Add	*5,957.35*	
40 05 19 00-2996	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,245.22	1,056.39
		For Class 52 Rating, Deduct	*-2,270.91*	
		For Class 54 Rating, Add	*3,115.90*	
		For Class 55 Rating, Add	*4,642.17*	
		For Class 56 Rating, Add	*6,147.79*	
40 05 19 00-2997	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,895.24	1,059.72
		For Class 52 Rating, Deduct	*-2,341.86*	
		For Class 54 Rating, Add	*3,212.71*	
		For Class 55 Rating, Add	*4,786.12*	
		For Class 56 Rating, Add	*6,338.24*	
40 05 19 00-2998	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,545.26	1,063.07
		For Class 52 Rating, Deduct	*-2,412.80*	
		For Class 54 Rating, Add	*3,309.51*	
		For Class 55 Rating, Add	*4,930.06*	
		For Class 56 Rating, Add	*6,528.68*	
40 05 19 00-2999	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,195.29	1,066.41
		For Class 52 Rating, Deduct	*-2,483.75*	
		For Class 54 Rating, Add	*3,406.32*	
		For Class 55 Rating, Add	*5,074.01*	
		For Class 56 Rating, Add	*6,719.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3000	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,845.30	1,069.76
		For Class 52 Rating, Deduct	*-2,554.69*	
		For Class 54 Rating, Add	*3,503.12*	
		For Class 55 Rating, Add	*5,217.95*	
		For Class 56 Rating, Add	*6,909.57*	
40 05 19 00-3001	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,581.43	1,129.93
		For Class 52 Rating, Deduct	*-2,625.64*	
		For Class 54 Rating, Add	*3,600.96*	
		For Class 55 Rating, Add	*5,363.97*	
		For Class 56 Rating, Add	*7,103.11*	
40 05 19 00-3002	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,231.44	1,133.28
		For Class 52 Rating, Deduct	*-2,696.58*	
		For Class 54 Rating, Add	*3,697.76*	
		For Class 55 Rating, Add	*5,507.91*	
		For Class 56 Rating, Add	*7,293.55*	
40 05 19 00-3003	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,881.47	1,136.61
		For Class 52 Rating, Deduct	*-2,767.53*	
		For Class 54 Rating, Add	*3,794.56*	
		For Class 55 Rating, Add	*5,651.86*	
		For Class 56 Rating, Add	*7,484.00*	
40 05 19 00-3004	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,531.49	1,139.96
		For Class 52 Rating, Deduct	*-2,838.47*	
		For Class 54 Rating, Add	*3,891.37*	
		For Class 55 Rating, Add	*5,795.81*	
		For Class 56 Rating, Add	*7,674.44*	
40 05 19 00-3005	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,181.50	1,143.30
		For Class 52 Rating, Deduct	*-2,909.42*	
		For Class 54 Rating, Add	*3,988.17*	
		For Class 55 Rating, Add	*5,939.75*	
		For Class 56 Rating, Add	*7,864.88*	
40 05 19 00-3006	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,828.49	1,146.65
		For Class 52 Rating, Deduct	*-2,980.03*	
		For Class 54 Rating, Add	*4,084.52*	
		For Class 55 Rating, Add	*6,083.02*	
		For Class 56 Rating, Add	*8,054.43*	
40 05 19 00-3007	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,481.54	1,149.98
		For Class 52 Rating, Deduct	*-3,051.31*	
		For Class 54 Rating, Add	*4,181.78*	
		For Class 55 Rating, Add	*6,227.65*	
		For Class 56 Rating, Add	*8,245.77*	
40 05 19 00-3008	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,131.56	1,153.33
		For Class 52 Rating, Deduct	*-3,122.25*	
		For Class 54 Rating, Add	*4,278.58*	
		For Class 55 Rating, Add	*6,371.59*	
		For Class 56 Rating, Add	*8,436.22*	
40 05 19 00-3009	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,781.59	1,156.67
		For Class 52 Rating, Deduct	*-3,193.20*	
		For Class 54 Rating, Add	*4,375.39*	
		For Class 55 Rating, Add	*6,515.54*	
		For Class 56 Rating, Add	*8,626.66*	

40 05 19 00-3010 30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,221.78	1,377.31
		For Class 52 Rating, Deduct	*-894.84*	
		For Class 54 Rating, Add	*1,245.28*	
		For Class 55 Rating, Add	*1,864.18*	
		For Class 56 Rating, Add	*2,474.94*	
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,151.69	1,380.66
		For Class 52 Rating, Deduct	*-996.58*	
		For Class 54 Rating, Add	*1,384.07*	
		For Class 55 Rating, Add	*2,070.54*	
		For Class 56 Rating, Add	*2,747.95*	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,081.59	1,383.99
		For Class 52 Rating, Deduct	*-1,098.31*	
		For Class 54 Rating, Add	*1,522.86*	
		For Class 55 Rating, Add	*2,276.90*	
		For Class 56 Rating, Add	*3,020.96*	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,011.50	1,387.34
		For Class 52 Rating, Deduct	*-1,200.04*	
		For Class 54 Rating, Add	*1,661.64*	
		For Class 55 Rating, Add	*2,483.26*	
		For Class 56 Rating, Add	*3,293.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,941.41	1,390.68
		For Class 52 Rating, Deduct	*-1,301.77*	
		For Class 54 Rating, Add	*1,800.43*	
		For Class 55 Rating, Add	*2,689.62*	
		For Class 56 Rating, Add	*3,566.98*	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,871.31	1,394.03
		For Class 52 Rating, Deduct	*-1,403.51*	
		For Class 54 Rating, Add	*1,939.22*	
		For Class 55 Rating, Add	*2,895.98*	
		For Class 56 Rating, Add	*3,839.99*	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,801.22	1,397.36
		For Class 52 Rating, Deduct	*-1,505.24*	
		For Class 54 Rating, Add	*2,078.01*	
		For Class 55 Rating, Add	*3,102.35*	
		For Class 56 Rating, Add	*4,113.00*	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,731.13	1,400.71
		For Class 52 Rating, Deduct	*-1,606.97*	
		For Class 54 Rating, Add	*2,216.79*	
		For Class 55 Rating, Add	*3,308.71*	
		For Class 56 Rating, Add	*4,386.01*	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,661.04	1,404.05
		For Class 52 Rating, Deduct	*-1,708.70*	
		For Class 54 Rating, Add	*2,355.58*	
		For Class 55 Rating, Add	*3,515.07*	
		For Class 56 Rating, Add	*4,659.02*	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,590.94	1,407.40
		For Class 52 Rating, Deduct	*-1,810.44*	
		For Class 54 Rating, Add	*2,494.37*	
		For Class 55 Rating, Add	*3,721.43*	
		For Class 56 Rating, Add	*4,932.03*	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,520.85	1,410.74
		For Class 52 Rating, Deduct	*-1,912.17*	
		For Class 54 Rating, Add	*2,633.15*	
		For Class 55 Rating, Add	*3,927.79*	
		For Class 56 Rating, Add	*5,205.04*	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,450.75	1,414.08
		For Class 52 Rating, Deduct	*-2,013.90*	
		For Class 54 Rating, Add	*2,771.94*	
		For Class 55 Rating, Add	*4,134.15*	
		For Class 56 Rating, Add	*5,478.05*	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,380.65	1,417.42
		For Class 52 Rating, Deduct	*-2,115.63*	
		For Class 54 Rating, Add	*2,910.73*	
		For Class 55 Rating, Add	*4,340.51*	
		For Class 56 Rating, Add	*5,751.06*	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,310.56	1,420.77
		For Class 52 Rating, Deduct	*-2,217.37*	
		For Class 54 Rating, Add	*3,049.51*	
		For Class 55 Rating, Add	*4,546.87*	
		For Class 56 Rating, Add	*6,024.07*	
40 05 19 00-3025	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,240.47	1,424.11
		For Class 52 Rating, Deduct	*-2,319.10*	
		For Class 54 Rating, Add	*3,188.30*	
		For Class 55 Rating, Add	*4,753.23*	
		For Class 56 Rating, Add	*6,297.08*	
40 05 19 00-3026	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,170.37	1,427.46
		For Class 52 Rating, Deduct	*-2,420.83*	
		For Class 54 Rating, Add	*3,327.09*	
		For Class 55 Rating, Add	*4,959.59*	
		For Class 56 Rating, Add	*6,570.09*	
40 05 19 00-3027	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,100.28	1,430.79
		For Class 52 Rating, Deduct	*-2,522.57*	
		For Class 54 Rating, Add	*3,465.88*	
		For Class 55 Rating, Add	*5,165.96*	
		For Class 56 Rating, Add	*6,843.10*	
40 05 19 00-3028	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,030.19	1,434.14
		For Class 52 Rating, Deduct	*-2,624.30*	
		For Class 54 Rating, Add	*3,604.66*	
		For Class 55 Rating, Add	*5,372.32*	
		For Class 56 Rating, Add	*7,116.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3029	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,960.09	1,437.48
		For Class 52 Rating, Deduct	*-2,726.03*	
		For Class 54 Rating, Add	*3,743.45*	
		For Class 55 Rating, Add	*5,578.68*	
		For Class 56 Rating, Add	*7,389.12*	
40 05 19 00-3030	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,890.00	1,440.83
		For Class 52 Rating, Deduct	*-2,827.76*	
		For Class 54 Rating, Add	*3,882.24*	
		For Class 55 Rating, Add	*5,785.04*	
		For Class 56 Rating, Add	*7,662.13*	
40 05 19 00-3031	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,819.91	1,444.17
		For Class 52 Rating, Deduct	*-2,929.49*	
		For Class 54 Rating, Add	*4,021.02*	
		For Class 55 Rating, Add	*5,991.40*	
		For Class 56 Rating, Add	*7,935.15*	
40 05 19 00-3032	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,749.81	1,447.51
		For Class 52 Rating, Deduct	*-3,031.23*	
		For Class 54 Rating, Add	*4,159.81*	
		For Class 55 Rating, Add	*6,197.76*	
		For Class 56 Rating, Add	*8,208.16*	
40 05 19 00-3033	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,679.71	1,450.86
		For Class 52 Rating, Deduct	*-3,132.96*	
		For Class 54 Rating, Add	*4,298.60*	
		For Class 55 Rating, Add	*6,404.12*	
		For Class 56 Rating, Add	*8,481.17*	
40 05 19 00-3034	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,609.62	1,454.20
		For Class 52 Rating, Deduct	*-3,234.69*	
		For Class 54 Rating, Add	*4,437.38*	
		For Class 55 Rating, Add	*6,610.48*	
		For Class 56 Rating, Add	*8,754.18*	
40 05 19 00-3035	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,539.53	1,457.55
		For Class 52 Rating, Deduct	*-3,336.42*	
		For Class 54 Rating, Add	*4,576.17*	
		For Class 55 Rating, Add	*6,816.84*	
		For Class 56 Rating, Add	*9,027.19*	
40 05 19 00-3036	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,469.43	1,460.88
		For Class 52 Rating, Deduct	*-3,438.16*	
		For Class 54 Rating, Add	*4,714.96*	
		For Class 55 Rating, Add	*7,023.20*	
		For Class 56 Rating, Add	*9,300.20*	
40 05 19 00-3037	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,399.34	1,464.23
		For Class 52 Rating, Deduct	*-3,539.89*	
		For Class 54 Rating, Add	*4,853.74*	
		For Class 55 Rating, Add	*7,229.57*	
		For Class 56 Rating, Add	*9,573.21*	
40 05 19 00-3038	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,329.25	1,467.57
		For Class 52 Rating, Deduct	*-3,641.62*	
		For Class 54 Rating, Add	*4,992.53*	
		For Class 55 Rating, Add	*7,435.93*	
		For Class 56 Rating, Add	*9,846.22*	
40 05 19 00-3039	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,259.15	1,470.92
		For Class 52 Rating, Deduct	*-3,743.36*	
		For Class 54 Rating, Add	*5,131.32*	
		For Class 55 Rating, Add	*7,642.29*	
		For Class 56 Rating, Add	*10,119.23*	
40 05 19 00-3040	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,189.06	1,474.25
		For Class 52 Rating, Deduct	*-3,845.09*	
		For Class 54 Rating, Add	*5,270.11*	
		For Class 55 Rating, Add	*7,848.65*	
		For Class 56 Rating, Add	*10,392.24*	
40 05 19 00-3041	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,118.97	1,477.60
		For Class 52 Rating, Deduct	*-3,946.82*	
		For Class 54 Rating, Add	*5,408.89*	
		For Class 55 Rating, Add	*8,055.01*	
		For Class 56 Rating, Add	*10,665.25*	
40 05 19 00-3042	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,048.87	1,480.94
		For Class 52 Rating, Deduct	*-4,048.55*	
		For Class 54 Rating, Add	*5,547.68*	
		For Class 55 Rating, Add	*8,261.37*	
		For Class 56 Rating, Add	*10,938.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3043	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,978.78	1,484.29
		For Class 52 Rating, Deduct	*-4,150.28*	
		For Class 54 Rating, Add	*5,686.47*	
		For Class 55 Rating, Add	*8,467.73*	
		For Class 56 Rating, Add	*11,211.27*	
40 05 19 00-3044	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,908.68	1,487.63
		For Class 52 Rating, Deduct	*-4,252.02*	
		For Class 54 Rating, Add	*5,825.25*	
		For Class 55 Rating, Add	*8,674.09*	
		For Class 56 Rating, Add	*11,484.28*	
40 05 19 00-3045	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,838.58	1,490.97
		For Class 52 Rating, Deduct	*-4,353.75*	
		For Class 54 Rating, Add	*5,964.04*	
		For Class 55 Rating, Add	*8,880.45*	
		For Class 56 Rating, Add	*11,757.29*	

40 05 19 00-3046 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-3047	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,146.71	1,745.04
		For Class 52 Rating, Deduct	*-1,265.30*	
		For Class 54 Rating, Add	*1,757.13*	
		For Class 55 Rating, Add	*2,628.56*	
		For Class 56 Rating, Add	*3,488.48*	
40 05 19 00-3048	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,393.00	1,748.38
		For Class 52 Rating, Deduct	*-1,401.83*	
		For Class 54 Rating, Add	*1,943.38*	
		For Class 55 Rating, Add	*2,905.48*	
		For Class 56 Rating, Add	*3,854.83*	
40 05 19 00-3049	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,639.31	1,751.72
		For Class 52 Rating, Deduct	*-1,538.37*	
		For Class 54 Rating, Add	*2,129.63*	
		For Class 55 Rating, Add	*3,182.39*	
		For Class 56 Rating, Add	*4,221.18*	
40 05 19 00-3050	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,885.60	1,755.06
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,315.87*	
		For Class 55 Rating, Add	*3,459.31*	
		For Class 56 Rating, Add	*4,587.52*	
40 05 19 00-3051	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,131.90	1,758.41
		For Class 52 Rating, Deduct	*-1,811.44*	
		For Class 54 Rating, Add	*2,502.12*	
		For Class 55 Rating, Add	*3,736.23*	
		For Class 56 Rating, Add	*4,953.87*	
40 05 19 00-3052	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,378.21	1,761.75
		For Class 52 Rating, Deduct	*-1,947.98*	
		For Class 54 Rating, Add	*2,688.36*	
		For Class 55 Rating, Add	*4,013.14*	
		For Class 56 Rating, Add	*5,320.22*	
40 05 19 00-3053	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,624.50	1,765.10
		For Class 52 Rating, Deduct	*-2,084.51*	
		For Class 54 Rating, Add	*2,874.61*	
		For Class 55 Rating, Add	*4,290.06*	
		For Class 56 Rating, Add	*5,686.56*	
40 05 19 00-3054	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,870.80	1,768.43
		For Class 52 Rating, Deduct	*-2,221.05*	
		For Class 54 Rating, Add	*3,060.86*	
		For Class 55 Rating, Add	*4,566.98*	
		For Class 56 Rating, Add	*6,052.91*	
40 05 19 00-3055	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,117.10	1,771.78
		For Class 52 Rating, Deduct	*-2,357.58*	
		For Class 54 Rating, Add	*3,247.10*	
		For Class 55 Rating, Add	*4,843.89*	
		For Class 56 Rating, Add	*6,419.25*	
40 05 19 00-3056	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,363.39	1,775.13
		For Class 52 Rating, Deduct	*-2,494.12*	
		For Class 54 Rating, Add	*3,433.35*	
		For Class 55 Rating, Add	*5,120.81*	
		For Class 56 Rating, Add	*6,785.60*	
40 05 19 00-3057	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,609.69	1,778.47
		For Class 52 Rating, Deduct	*-2,630.66*	
		For Class 54 Rating, Add	*3,619.59*	
		For Class 55 Rating, Add	*5,397.73*	
		For Class 56 Rating, Add	*7,151.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3058	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,856.00	1,781.82
		For Class 52 Rating, Deduct	*-2,767.19*	
		For Class 54 Rating, Add	*3,805.84*	
		For Class 55 Rating, Add	*5,674.64*	
		For Class 56 Rating, Add	*7,518.29*	
40 05 19 00-3059	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,102.30	1,785.15
		For Class 52 Rating, Deduct	*-2,903.73*	
		For Class 54 Rating, Add	*3,992.09*	
		For Class 55 Rating, Add	*5,951.56*	
		For Class 56 Rating, Add	*7,884.64*	
40 05 19 00-3060	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,348.59	1,788.50
		For Class 52 Rating, Deduct	*-3,040.26*	
		For Class 54 Rating, Add	*4,178.33*	
		For Class 55 Rating, Add	*6,228.48*	
		For Class 56 Rating, Add	*8,250.99*	
40 05 19 00-3061	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,594.89	1,791.84
		For Class 52 Rating, Deduct	*-3,176.80*	
		For Class 54 Rating, Add	*4,364.58*	
		For Class 55 Rating, Add	*6,505.39*	
		For Class 56 Rating, Add	*8,617.33*	
40 05 19 00-3062	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,841.19	1,795.19
		For Class 52 Rating, Deduct	*-3,313.33*	
		For Class 54 Rating, Add	*4,550.82*	
		For Class 55 Rating, Add	*6,782.31*	
		For Class 56 Rating, Add	*8,983.68*	
40 05 19 00-3063	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,087.49	1,798.52
		For Class 52 Rating, Deduct	*-3,449.87*	
		For Class 54 Rating, Add	*4,737.07*	
		For Class 55 Rating, Add	*7,059.23*	
		For Class 56 Rating, Add	*9,350.02*	
40 05 19 00-3064	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,333.80	1,801.87
		For Class 52 Rating, Deduct	*-3,586.41*	
		For Class 54 Rating, Add	*4,923.31*	
		For Class 55 Rating, Add	*7,336.15*	
		For Class 56 Rating, Add	*9,716.37*	
40 05 19 00-3065	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,580.09	1,805.21
		For Class 52 Rating, Deduct	*-3,722.94*	
		For Class 54 Rating, Add	*5,109.56*	
		For Class 55 Rating, Add	*7,613.06*	
		For Class 56 Rating, Add	*10,082.72*	
40 05 19 00-3066	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,826.38	1,808.56
		For Class 52 Rating, Deduct	*-3,859.48*	
		For Class 54 Rating, Add	*5,295.81*	
		For Class 55 Rating, Add	*7,889.98*	
		For Class 56 Rating, Add	*10,449.06*	
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,072.69	1,811.90
		For Class 52 Rating, Deduct	*-3,996.01*	
		For Class 54 Rating, Add	*5,482.05*	
		For Class 55 Rating, Add	*8,166.90*	
		For Class 56 Rating, Add	*10,815.41*	
40 05 19 00-3068	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,318.99	1,815.24
		For Class 52 Rating, Deduct	*-4,132.55*	
		For Class 54 Rating, Add	*5,668.30*	
		For Class 55 Rating, Add	*8,443.81*	
		For Class 56 Rating, Add	*11,181.76*	
40 05 19 00-3069	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,565.29	1,818.58
		For Class 52 Rating, Deduct	*-4,269.08*	
		For Class 54 Rating, Add	*5,854.54*	
		For Class 55 Rating, Add	*8,720.73*	
		For Class 56 Rating, Add	*11,548.10*	
40 05 19 00-3070	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,811.59	1,821.93
		For Class 52 Rating, Deduct	*-4,405.62*	
		For Class 54 Rating, Add	*6,040.79*	
		For Class 55 Rating, Add	*8,997.65*	
		For Class 56 Rating, Add	*11,914.45*	
40 05 19 00-3071	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,057.88	1,825.27
		For Class 52 Rating, Deduct	*-4,542.16*	
		For Class 54 Rating, Add	*6,227.03*	
		For Class 55 Rating, Add	*9,274.56*	
		For Class 56 Rating, Add	*12,280.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3072	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,304.18	1,828.62
		For Class 52 Rating, Deduct	*-4,678.69*	
		For Class 54 Rating, Add	*6,413.28*	
		For Class 55 Rating, Add	*9,551.48*	
		For Class 56 Rating, Add	*12,647.14*	
40 05 19 00-3073	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,550.48	1,831.95
		For Class 52 Rating, Deduct	*-4,815.23*	
		For Class 54 Rating, Add	*6,599.53*	
		For Class 55 Rating, Add	*9,828.39*	
		For Class 56 Rating, Add	*13,013.49*	
40 05 19 00-3074	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,796.79	1,835.30
		For Class 52 Rating, Deduct	*-4,951.76*	
		For Class 54 Rating, Add	*6,785.77*	
		For Class 55 Rating, Add	*10,105.31*	
		For Class 56 Rating, Add	*13,379.84*	
40 05 19 00-3075	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,043.08	1,838.64
		For Class 52 Rating, Deduct	*-5,088.30*	
		For Class 54 Rating, Add	*6,972.02*	
		For Class 55 Rating, Add	*10,382.23*	
		For Class 56 Rating, Add	*13,746.18*	
40 05 19 00-3076	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,289.38	1,841.99
		For Class 52 Rating, Deduct	*-5,224.83*	
		For Class 54 Rating, Add	*7,158.26*	
		For Class 55 Rating, Add	*10,659.14*	
		For Class 56 Rating, Add	*14,112.53*	
40 05 19 00-3077	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,535.68	1,845.32
		For Class 52 Rating, Deduct	*-5,361.37*	
		For Class 54 Rating, Add	*7,344.51*	
		For Class 55 Rating, Add	*10,936.06*	
		For Class 56 Rating, Add	*14,478.87*	
40 05 19 00-3078	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,781.97	1,848.67
		For Class 52 Rating, Deduct	*-5,497.91*	
		For Class 54 Rating, Add	*7,530.76*	
		For Class 55 Rating, Add	*11,212.98*	
		For Class 56 Rating, Add	*14,845.22*	
40 05 19 00-3079	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,028.28	1,852.01
		For Class 52 Rating, Deduct	*-5,634.44*	
		For Class 54 Rating, Add	*7,717.00*	
		For Class 55 Rating, Add	*11,489.89*	
		For Class 56 Rating, Add	*15,211.57*	
40 05 19 00-3080	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,274.58	1,855.36
		For Class 52 Rating, Deduct	*-5,770.98*	
		For Class 54 Rating, Add	*7,903.25*	
		For Class 55 Rating, Add	*11,766.81*	
		For Class 56 Rating, Add	*15,577.91*	
40 05 19 00-3081	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,520.87	1,858.70
		For Class 52 Rating, Deduct	*-5,907.51*	
		For Class 54 Rating, Add	*8,089.49*	
		For Class 55 Rating, Add	*12,043.73*	
		For Class 56 Rating, Add	*15,944.26*	

40 05 19 00-3082 Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-3083 4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3084	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	761.85	163.49
		For Class 52 Rating, Deduct	*-56.56*	
		For Class 54 Rating, Add	*80.09*	
		For Class 55 Rating, Add	*120.60*	
		For Class 56 Rating, Add	*160.59*	
40 05 19 00-3085	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	881.78	166.35
		For Class 52 Rating, Deduct	*-69.27*	
		For Class 54 Rating, Add	*97.49*	
		For Class 55 Rating, Add	*146.48*	
		For Class 56 Rating, Add	*194.85*	
40 05 19 00-3086	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,001.72	169.21
		For Class 52 Rating, Deduct	*-81.99*	
		For Class 54 Rating, Add	*114.88*	
		For Class 55 Rating, Add	*172.37*	
		For Class 56 Rating, Add	*229.11*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3087	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,121.66	172.06
		For Class 52 Rating, Deduct	*-94.70*	
		For Class 54 Rating, Add	*132.27*	
		For Class 55 Rating, Add	*198.25*	
		For Class 56 Rating, Add	*263.37*	
40 05 19 00-3088	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,241.59	174.93
		For Class 52 Rating, Deduct	*-107.42*	
		For Class 54 Rating, Add	*149.66*	
		For Class 55 Rating, Add	*224.13*	
		For Class 56 Rating, Add	*297.63*	
40 05 19 00-3089	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,361.52	177.79
		For Class 52 Rating, Deduct	*-120.14*	
		For Class 54 Rating, Add	*167.06*	
		For Class 55 Rating, Add	*250.02*	
		For Class 56 Rating, Add	*331.88*	
40 05 19 00-3090	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,481.47	180.65
		For Class 52 Rating, Deduct	*-132.85*	
		For Class 54 Rating, Add	*184.45*	
		For Class 55 Rating, Add	*275.90*	
		For Class 56 Rating, Add	*366.15*	
40 05 19 00-3091	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,601.40	183.49
		For Class 52 Rating, Deduct	*-145.57*	
		For Class 54 Rating, Add	*201.84*	
		For Class 55 Rating, Add	*301.78*	
		For Class 56 Rating, Add	*400.40*	
40 05 19 00-3092	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,721.33	186.36
		For Class 52 Rating, Deduct	*-158.29*	
		For Class 54 Rating, Add	*219.24*	
		For Class 55 Rating, Add	*327.67*	
		For Class 56 Rating, Add	*434.66*	
40 05 19 00-3093	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,841.26	189.22
		For Class 52 Rating, Deduct	*-171.00*	
		For Class 54 Rating, Add	*236.63*	
		For Class 55 Rating, Add	*353.55*	
		For Class 56 Rating, Add	*468.92*	
40 05 19 00-3094	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,961.21	192.07
		For Class 52 Rating, Deduct	*-183.72*	
		For Class 54 Rating, Add	*254.02*	
		For Class 55 Rating, Add	*379.44*	
		For Class 56 Rating, Add	*503.18*	
40 05 19 00-3095	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,081.14	194.93
		For Class 52 Rating, Deduct	*-196.44*	
		For Class 54 Rating, Add	*271.41*	
		For Class 55 Rating, Add	*405.32*	
		For Class 56 Rating, Add	*537.44*	
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,201.07	197.79
		For Class 52 Rating, Deduct	*-209.15*	
		For Class 54 Rating, Add	*288.81*	
		For Class 55 Rating, Add	*431.20*	
		For Class 56 Rating, Add	*571.70*	
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,321.02	200.66
		For Class 52 Rating, Deduct	*-221.87*	
		For Class 54 Rating, Add	*306.20*	
		For Class 55 Rating, Add	*457.09*	
		For Class 56 Rating, Add	*605.96*	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,440.95	203.51
		For Class 52 Rating, Deduct	*-234.59*	
		For Class 54 Rating, Add	*323.59*	
		For Class 55 Rating, Add	*482.97*	
		For Class 56 Rating, Add	*640.22*	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,560.89	206.36
		For Class 52 Rating, Deduct	*-247.30*	
		For Class 54 Rating, Add	*340.99*	
		For Class 55 Rating, Add	*508.86*	
		For Class 56 Rating, Add	*674.48*	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,680.83	209.22
		For Class 52 Rating, Deduct	*-260.02*	
		For Class 54 Rating, Add	*358.38*	
		For Class 55 Rating, Add	*534.74*	
		For Class 56 Rating, Add	*708.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,800.76	212.07
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*375.77*	
		For Class 55 Rating, Add	*560.62*	
		For Class 56 Rating, Add	*743.00*	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,920.69	214.94
		For Class 52 Rating, Deduct	*-285.45*	
		For Class 54 Rating, Add	*393.16*	
		For Class 55 Rating, Add	*586.51*	
		For Class 56 Rating, Add	*777.26*	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,040.63	217.80
		For Class 52 Rating, Deduct	*-298.17*	
		For Class 54 Rating, Add	*410.56*	
		For Class 55 Rating, Add	*612.39*	
		For Class 56 Rating, Add	*811.52*	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,160.57	220.66
		For Class 52 Rating, Deduct	*-310.89*	
		For Class 54 Rating, Add	*427.95*	
		For Class 55 Rating, Add	*638.28*	
		For Class 56 Rating, Add	*845.78*	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,280.50	223.51
		For Class 52 Rating, Deduct	*-323.60*	
		For Class 54 Rating, Add	*445.34*	
		For Class 55 Rating, Add	*664.16*	
		For Class 56 Rating, Add	*880.04*	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,400.43	226.38
		For Class 52 Rating, Deduct	*-336.32*	
		For Class 54 Rating, Add	*462.73*	
		For Class 55 Rating, Add	*690.04*	
		For Class 56 Rating, Add	*914.30*	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,520.38	229.24
		For Class 52 Rating, Deduct	*-349.04*	
		For Class 54 Rating, Add	*480.13*	
		For Class 55 Rating, Add	*715.93*	
		For Class 56 Rating, Add	*948.56*	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,938.45	232.08
		For Class 52 Rating, Deduct	*-394.55*	
		For Class 54 Rating, Add	*542.24*	
		For Class 55 Rating, Add	*808.30*	
		For Class 56 Rating, Add	*1,070.77*	
40 05 19 00-3109	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,058.38	234.94
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*559.63*	
		For Class 55 Rating, Add	*834.18*	
		For Class 56 Rating, Add	*1,105.03*	
40 05 19 00-3110	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,178.32	237.81
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*577.03*	
		For Class 55 Rating, Add	*860.06*	
		For Class 56 Rating, Add	*1,139.28*	
40 05 19 00-3111	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,298.26	240.67
		For Class 52 Rating, Deduct	*-432.70*	
		For Class 54 Rating, Add	*594.42*	
		For Class 55 Rating, Add	*885.95*	
		For Class 56 Rating, Add	*1,173.54*	
40 05 19 00-3112	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,418.19	243.52
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*611.81*	
		For Class 55 Rating, Add	*911.83*	
		For Class 56 Rating, Add	*1,207.80*	
40 05 19 00-3113	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,538.13	246.38
		For Class 52 Rating, Deduct	*-458.13*	
		For Class 54 Rating, Add	*629.20*	
		For Class 55 Rating, Add	*937.72*	
		For Class 56 Rating, Add	*1,242.06*	
40 05 19 00-3114	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,658.06	249.24
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*646.60*	
		For Class 55 Rating, Add	*963.60*	
		For Class 56 Rating, Add	*1,276.32*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3115	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,778.00	252.11
		For Class 52 Rating, Deduct	*-483.56*	
		For Class 54 Rating, Add	*663.99*	
		For Class 55 Rating, Add	*989.48*	
		For Class 56 Rating, Add	*1,310.58*	
40 05 19 00-3116	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,897.93	254.95
		For Class 52 Rating, Deduct	*-496.28*	
		For Class 54 Rating, Add	*681.38*	
		For Class 55 Rating, Add	*1,015.37*	
		For Class 56 Rating, Add	*1,344.84*	
40 05 19 00-3117	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,017.88	257.81
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*698.78*	
		For Class 55 Rating, Add	*1,041.25*	
		For Class 56 Rating, Add	*1,379.10*	
40 05 19 00-3118	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,137.80	260.67
		For Class 52 Rating, Deduct	*-521.71*	
		For Class 54 Rating, Add	*716.17*	
		For Class 55 Rating, Add	*1,067.13*	
		For Class 56 Rating, Add	*1,413.36*	
40 05 19 00-3119	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,257.74	263.52
		For Class 52 Rating, Deduct	*-534.43*	
		For Class 54 Rating, Add	*733.56*	
		For Class 55 Rating, Add	*1,093.02*	
		For Class 56 Rating, Add	*1,447.62*	
40 05 19 00-3120	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,377.68	266.39
		For Class 52 Rating, Deduct	*-547.15*	
		For Class 54 Rating, Add	*750.95*	
		For Class 55 Rating, Add	*1,118.90*	
		For Class 56 Rating, Add	*1,481.88*	
40 05 19 00-3121	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,497.62	269.25
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*768.35*	
		For Class 55 Rating, Add	*1,144.79*	
		For Class 56 Rating, Add	*1,516.14*	
40 05 19 00-3122	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,617.54	272.11
		For Class 52 Rating, Deduct	*-572.58*	
		For Class 54 Rating, Add	*785.74*	
		For Class 55 Rating, Add	*1,170.67*	
		For Class 56 Rating, Add	*1,550.40*	

40 05 19 00-3123 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	935.47	205.80
		For Class 52 Rating, Deduct	*-68.60*	
		For Class 54 Rating, Add	*97.29*	
		For Class 55 Rating, Add	*146.56*	
		For Class 56 Rating, Add	*195.20*	
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,073.66	208.66
		For Class 52 Rating, Deduct	*-83.33*	
		For Class 54 Rating, Add	*117.42*	
		For Class 55 Rating, Add	*176.51*	
		For Class 56 Rating, Add	*234.85*	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,211.85	211.50
		For Class 52 Rating, Deduct	*-98.05*	
		For Class 54 Rating, Add	*137.55*	
		For Class 55 Rating, Add	*206.47*	
		For Class 56 Rating, Add	*274.49*	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,350.03	214.37
		For Class 52 Rating, Deduct	*-112.78*	
		For Class 54 Rating, Add	*157.68*	
		For Class 55 Rating, Add	*236.42*	
		For Class 56 Rating, Add	*314.14*	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,488.22	217.23
		For Class 52 Rating, Deduct	*-127.50*	
		For Class 54 Rating, Add	*177.81*	
		For Class 55 Rating, Add	*266.38*	
		For Class 56 Rating, Add	*353.78*	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,626.41	220.08
		For Class 52 Rating, Deduct	*-142.22*	
		For Class 54 Rating, Add	*197.94*	
		For Class 55 Rating, Add	*296.33*	
		For Class 56 Rating, Add	*393.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,764.61	222.94
		For Class 52 Rating, Deduct	*-156.95*	
		For Class 54 Rating, Add	*218.08*	
		For Class 55 Rating, Add	*326.29*	
		For Class 56 Rating, Add	*433.07*	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,902.79	225.80
		For Class 52 Rating, Deduct	*-171.67*	
		For Class 54 Rating, Add	*238.21*	
		For Class 55 Rating, Add	*356.24*	
		For Class 56 Rating, Add	*472.71*	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,040.98	228.67
		For Class 52 Rating, Deduct	*-186.40*	
		For Class 54 Rating, Add	*258.34*	
		For Class 55 Rating, Add	*386.19*	
		For Class 56 Rating, Add	*512.36*	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,179.18	231.52
		For Class 52 Rating, Deduct	*-201.12*	
		For Class 54 Rating, Add	*278.47*	
		For Class 55 Rating, Add	*416.15*	
		For Class 56 Rating, Add	*552.00*	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,317.36	234.38
		For Class 52 Rating, Deduct	*-215.85*	
		For Class 54 Rating, Add	*298.60*	
		For Class 55 Rating, Add	*446.10*	
		For Class 56 Rating, Add	*591.65*	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,455.54	237.23
		For Class 52 Rating, Deduct	*-230.57*	
		For Class 54 Rating, Add	*318.73*	
		For Class 55 Rating, Add	*476.06*	
		For Class 56 Rating, Add	*631.29*	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,593.74	240.08
		For Class 52 Rating, Deduct	*-245.30*	
		For Class 54 Rating, Add	*338.86*	
		For Class 55 Rating, Add	*506.01*	
		For Class 56 Rating, Add	*670.93*	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,731.93	242.95
		For Class 52 Rating, Deduct	*-260.02*	
		For Class 54 Rating, Add	*358.99*	
		For Class 55 Rating, Add	*535.97*	
		For Class 56 Rating, Add	*710.58*	
40 05 19 00-3138	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,870.12	245.81
		For Class 52 Rating, Deduct	*-274.74*	
		For Class 54 Rating, Add	*379.12*	
		For Class 55 Rating, Add	*565.92*	
		For Class 56 Rating, Add	*750.22*	
40 05 19 00-3139	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,008.31	248.67
		For Class 52 Rating, Deduct	*-289.47*	
		For Class 54 Rating, Add	*399.25*	
		For Class 55 Rating, Add	*595.88*	
		For Class 56 Rating, Add	*789.87*	
40 05 19 00-3140	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,146.50	251.52
		For Class 52 Rating, Deduct	*-304.19*	
		For Class 54 Rating, Add	*419.38*	
		For Class 55 Rating, Add	*625.83*	
		For Class 56 Rating, Add	*829.51*	
40 05 19 00-3141	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,284.68	254.39
		For Class 52 Rating, Deduct	*-318.92*	
		For Class 54 Rating, Add	*439.51*	
		For Class 55 Rating, Add	*655.78*	
		For Class 56 Rating, Add	*869.15*	
40 05 19 00-3142	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,422.87	257.25
		For Class 52 Rating, Deduct	*-333.64*	
		For Class 54 Rating, Add	*459.64*	
		For Class 55 Rating, Add	*685.74*	
		For Class 56 Rating, Add	*908.80*	
40 05 19 00-3143	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,561.07	260.11
		For Class 52 Rating, Deduct	*-348.37*	
		For Class 54 Rating, Add	*479.77*	
		For Class 55 Rating, Add	*715.69*	
		For Class 56 Rating, Add	*948.44*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3144	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,699.25	262.95
		For Class 52 Rating, Deduct	*-363.09*	
		For Class 54 Rating, Add	*499.91*	
		For Class 55 Rating, Add	*745.65*	
		For Class 56 Rating, Add	*988.09*	
40 05 19 00-3145	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,837.44	265.82
		For Class 52 Rating, Deduct	*-377.82*	
		For Class 54 Rating, Add	*520.04*	
		For Class 55 Rating, Add	*775.60*	
		For Class 56 Rating, Add	*1,027.73*	
40 05 19 00-3146	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,975.64	268.68
		For Class 52 Rating, Deduct	*-392.54*	
		For Class 54 Rating, Add	*540.17*	
		For Class 55 Rating, Add	*805.56*	
		For Class 56 Rating, Add	*1,067.38*	
40 05 19 00-3147	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,113.83	271.53
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*560.30*	
		For Class 55 Rating, Add	*835.51*	
		For Class 56 Rating, Add	*1,107.02*	
40 05 19 00-3148	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,252.00	274.39
		For Class 52 Rating, Deduct	*-421.99*	
		For Class 54 Rating, Add	*580.43*	
		For Class 55 Rating, Add	*865.46*	
		For Class 56 Rating, Add	*1,146.66*	
40 05 19 00-3149	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,390.19	277.25
		For Class 52 Rating, Deduct	*-436.71*	
		For Class 54 Rating, Add	*600.56*	
		For Class 55 Rating, Add	*895.42*	
		For Class 56 Rating, Add	*1,186.31*	
40 05 19 00-3150	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,528.39	280.12
		For Class 52 Rating, Deduct	*-451.44*	
		For Class 54 Rating, Add	*620.69*	
		For Class 55 Rating, Add	*925.37*	
		For Class 56 Rating, Add	*1,225.95*	
40 05 19 00-3151	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,666.58	282.97
		For Class 52 Rating, Deduct	*-466.16*	
		For Class 54 Rating, Add	*640.82*	
		For Class 55 Rating, Add	*955.33*	
		For Class 56 Rating, Add	*1,265.60*	
40 05 19 00-3152	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,804.76	285.82
		For Class 52 Rating, Deduct	*-480.89*	
		For Class 54 Rating, Add	*660.95*	
		For Class 55 Rating, Add	*985.28*	
		For Class 56 Rating, Add	*1,305.24*	
40 05 19 00-3153	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,942.96	288.68
		For Class 52 Rating, Deduct	*-495.61*	
		For Class 54 Rating, Add	*681.08*	
		For Class 55 Rating, Add	*1,015.24*	
		For Class 56 Rating, Add	*1,344.89*	
40 05 19 00-3154	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,081.15	291.53
		For Class 52 Rating, Deduct	*-510.34*	
		For Class 54 Rating, Add	*701.21*	
		For Class 55 Rating, Add	*1,045.19*	
		For Class 56 Rating, Add	*1,384.53*	
40 05 19 00-3155	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,219.33	294.40
		For Class 52 Rating, Deduct	*-525.06*	
		For Class 54 Rating, Add	*721.34*	
		For Class 55 Rating, Add	*1,075.14*	
		For Class 56 Rating, Add	*1,424.17*	
40 05 19 00-3156	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,357.53	297.26
		For Class 52 Rating, Deduct	*-539.78*	
		For Class 54 Rating, Add	*741.47*	
		For Class 55 Rating, Add	*1,105.10*	
		For Class 56 Rating, Add	*1,463.82*	
40 05 19 00-3157	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,495.71	300.12
		For Class 52 Rating, Deduct	*-554.51*	
		For Class 54 Rating, Add	*761.61*	
		For Class 55 Rating, Add	*1,135.05*	
		For Class 56 Rating, Add	*1,503.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3158		EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,633.90	302.97
			For Class 52 Rating, Deduct	*-569.23*	
			For Class 54 Rating, Add	*781.74*	
			For Class 55 Rating, Add	*1,165.01*	
			For Class 56 Rating, Add	*1,543.11*	
40 05 19 00-3159		EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,772.09	305.84
			For Class 52 Rating, Deduct	*-583.96*	
			For Class 54 Rating, Add	*801.87*	
			For Class 55 Rating, Add	*1,194.96*	
			For Class 56 Rating, Add	*1,582.75*	
40 05 19 00-3160		EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,910.29	308.70
			For Class 52 Rating, Deduct	*-598.68*	
			For Class 54 Rating, Add	*822.00*	
			For Class 55 Rating, Add	*1,224.92*	
			For Class 56 Rating, Add	*1,622.40*	
40 05 19 00-3161		EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,048.47	311.54
			For Class 52 Rating, Deduct	*-613.41*	
			For Class 54 Rating, Add	*842.13*	
			For Class 55 Rating, Add	*1,254.87*	
			For Class 56 Rating, Add	*1,662.04*	
40 05 19 00-3162		EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,186.65	314.40
			For Class 52 Rating, Deduct	*-628.13*	
			For Class 54 Rating, Add	*862.26*	
			For Class 55 Rating, Add	*1,284.83*	
			For Class 56 Rating, Add	*1,701.68*	

40 05 19 00-3163 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3164		EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,277.63	262.95
			For Class 52 Rating, Deduct	*-96.71*	
			For Class 54 Rating, Add	*136.66*	
			For Class 55 Rating, Add	*205.63*	
			For Class 56 Rating, Add	*273.71*	
40 05 19 00-3165		EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,455.37	265.82
			For Class 52 Rating, Deduct	*-115.79*	
			For Class 54 Rating, Add	*162.73*	
			For Class 55 Rating, Add	*244.40*	
			For Class 56 Rating, Add	*325.02*	
40 05 19 00-3166		EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,633.11	268.68
			For Class 52 Rating, Deduct	*-134.86*	
			For Class 54 Rating, Add	*188.79*	
			For Class 55 Rating, Add	*283.17*	
			For Class 56 Rating, Add	*376.33*	
40 05 19 00-3167		EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,810.85	271.53
			For Class 52 Rating, Deduct	*-153.94*	
			For Class 54 Rating, Add	*214.85*	
			For Class 55 Rating, Add	*321.95*	
			For Class 56 Rating, Add	*427.64*	
40 05 19 00-3168		EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,988.58	274.39
			For Class 52 Rating, Deduct	*-173.01*	
			For Class 54 Rating, Add	*240.91*	
			For Class 55 Rating, Add	*360.72*	
			For Class 56 Rating, Add	*478.95*	
40 05 19 00-3169		EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,166.32	277.25
			For Class 52 Rating, Deduct	*-192.09*	
			For Class 54 Rating, Add	*266.98*	
			For Class 55 Rating, Add	*399.50*	
			For Class 56 Rating, Add	*530.27*	
40 05 19 00-3170		EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,344.06	280.12
			For Class 52 Rating, Deduct	*-211.16*	
			For Class 54 Rating, Add	*293.04*	
			For Class 55 Rating, Add	*438.27*	
			For Class 56 Rating, Add	*581.58*	
40 05 19 00-3171		EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,521.80	282.97
			For Class 52 Rating, Deduct	*-230.24*	
			For Class 54 Rating, Add	*319.10*	
			For Class 55 Rating, Add	*477.04*	
			For Class 56 Rating, Add	*632.89*	
40 05 19 00-3172		EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,699.53	285.82
			For Class 52 Rating, Deduct	*-249.31*	
			For Class 54 Rating, Add	*345.17*	
			For Class 55 Rating, Add	*515.82*	
			For Class 56 Rating, Add	*684.20*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3173	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,877.28	288.68
		For Class 52 Rating, Deduct	*-268.39*	
		For Class 54 Rating, Add	*371.23*	
		For Class 55 Rating, Add	*554.59*	
		For Class 56 Rating, Add	*735.51*	
40 05 19 00-3174	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,055.01	291.53
		For Class 52 Rating, Deduct	*-287.46*	
		For Class 54 Rating, Add	*397.29*	
		For Class 55 Rating, Add	*593.36*	
		For Class 56 Rating, Add	*786.82*	
40 05 19 00-3175	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,232.75	294.40
		For Class 52 Rating, Deduct	*-306.54*	
		For Class 54 Rating, Add	*423.36*	
		For Class 55 Rating, Add	*632.14*	
		For Class 56 Rating, Add	*838.13*	
40 05 19 00-3176	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,410.50	297.26
		For Class 52 Rating, Deduct	*-325.61*	
		For Class 54 Rating, Add	*449.42*	
		For Class 55 Rating, Add	*670.91*	
		For Class 56 Rating, Add	*889.44*	
40 05 19 00-3177	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,588.23	300.12
		For Class 52 Rating, Deduct	*-344.69*	
		For Class 54 Rating, Add	*475.48*	
		For Class 55 Rating, Add	*709.69*	
		For Class 56 Rating, Add	*940.76*	
40 05 19 00-3178	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,765.96	302.97
		For Class 52 Rating, Deduct	*-363.76*	
		For Class 54 Rating, Add	*501.55*	
		For Class 55 Rating, Add	*748.46*	
		For Class 56 Rating, Add	*992.06*	
40 05 19 00-3179	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,943.70	305.84
		For Class 52 Rating, Deduct	*-382.84*	
		For Class 54 Rating, Add	*527.61*	
		For Class 55 Rating, Add	*787.23*	
		For Class 56 Rating, Add	*1,043.38*	
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,121.45	308.70
		For Class 52 Rating, Deduct	*-401.91*	
		For Class 54 Rating, Add	*553.67*	
		For Class 55 Rating, Add	*826.01*	
		For Class 56 Rating, Add	*1,094.69*	
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,299.18	311.54
		For Class 52 Rating, Deduct	*-420.99*	
		For Class 54 Rating, Add	*579.74*	
		For Class 55 Rating, Add	*864.78*	
		For Class 56 Rating, Add	*1,146.00*	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,476.92	314.40
		For Class 52 Rating, Deduct	*-440.06*	
		For Class 54 Rating, Add	*605.80*	
		For Class 55 Rating, Add	*903.56*	
		For Class 56 Rating, Add	*1,197.31*	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,654.66	317.26
		For Class 52 Rating, Deduct	*-459.13*	
		For Class 54 Rating, Add	*631.86*	
		For Class 55 Rating, Add	*942.33*	
		For Class 56 Rating, Add	*1,248.62*	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,832.40	320.13
		For Class 52 Rating, Deduct	*-478.21*	
		For Class 54 Rating, Add	*657.92*	
		For Class 55 Rating, Add	*981.10*	
		For Class 56 Rating, Add	*1,299.93*	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,010.13	322.98
		For Class 52 Rating, Deduct	*-497.28*	
		For Class 54 Rating, Add	*683.99*	
		For Class 55 Rating, Add	*1,019.88*	
		For Class 56 Rating, Add	*1,351.24*	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,187.88	325.84
		For Class 52 Rating, Deduct	*-516.36*	
		For Class 54 Rating, Add	*710.05*	
		For Class 55 Rating, Add	*1,058.65*	
		For Class 56 Rating, Add	*1,402.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,365.61	328.70
		For Class 52 Rating, Deduct	*-535.43*	
		For Class 54 Rating, Add	*736.11*	
		For Class 55 Rating, Add	*1,097.42*	
		For Class 56 Rating, Add	*1,453.87*	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,543.35	331.57
		For Class 52 Rating, Deduct	*-554.51*	
		For Class 54 Rating, Add	*762.18*	
		For Class 55 Rating, Add	*1,136.20*	
		For Class 56 Rating, Add	*1,505.18*	
40 05 19 00-3189	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,721.09	334.41
		For Class 52 Rating, Deduct	*-573.58*	
		For Class 54 Rating, Add	*788.24*	
		For Class 55 Rating, Add	*1,174.97*	
		For Class 56 Rating, Add	*1,556.49*	
40 05 19 00-3190	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,898.83	337.27
		For Class 52 Rating, Deduct	*-592.66*	
		For Class 54 Rating, Add	*814.30*	
		For Class 55 Rating, Add	*1,213.75*	
		For Class 56 Rating, Add	*1,607.80*	
40 05 19 00-3191	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,076.56	340.13
		For Class 52 Rating, Deduct	*-611.73*	
		For Class 54 Rating, Add	*840.37*	
		For Class 55 Rating, Add	*1,252.52*	
		For Class 56 Rating, Add	*1,659.11*	
40 05 19 00-3192	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,254.30	342.98
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*866.43*	
		For Class 55 Rating, Add	*1,291.29*	
		For Class 56 Rating, Add	*1,710.42*	
40 05 19 00-3193	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,432.05	345.85
		For Class 52 Rating, Deduct	*-649.88*	
		For Class 54 Rating, Add	*892.49*	
		For Class 55 Rating, Add	*1,330.07*	
		For Class 56 Rating, Add	*1,761.73*	
40 05 19 00-3194	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,609.78	348.71
		For Class 52 Rating, Deduct	*-668.96*	
		For Class 54 Rating, Add	*918.56*	
		For Class 55 Rating, Add	*1,368.84*	
		For Class 56 Rating, Add	*1,813.05*	
40 05 19 00-3195	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,787.52	351.57
		For Class 52 Rating, Deduct	*-688.03*	
		For Class 54 Rating, Add	*944.62*	
		For Class 55 Rating, Add	*1,407.62*	
		For Class 56 Rating, Add	*1,864.36*	
40 05 19 00-3196	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,965.26	354.42
		For Class 52 Rating, Deduct	*-707.11*	
		For Class 54 Rating, Add	*970.68*	
		For Class 55 Rating, Add	*1,446.39*	
		For Class 56 Rating, Add	*1,915.67*	
40 05 19 00-3197	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,143.00	357.29
		For Class 52 Rating, Deduct	*-726.18*	
		For Class 54 Rating, Add	*996.75*	
		For Class 55 Rating, Add	*1,485.16*	
		For Class 56 Rating, Add	*1,966.98*	
40 05 19 00-3198	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,320.73	360.15
		For Class 52 Rating, Deduct	*-745.26*	
		For Class 54 Rating, Add	*1,022.81*	
		For Class 55 Rating, Add	*1,523.94*	
		For Class 56 Rating, Add	*2,018.29*	
40 05 19 00-3199	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,498.48	362.99
		For Class 52 Rating, Deduct	*-764.33*	
		For Class 54 Rating, Add	*1,048.87*	
		For Class 55 Rating, Add	*1,562.71*	
		For Class 56 Rating, Add	*2,069.60*	
40 05 19 00-3200	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,676.21	365.85
		For Class 52 Rating, Deduct	*-783.41*	
		For Class 54 Rating, Add	*1,074.93*	
		For Class 55 Rating, Add	*1,601.48*	
		For Class 56 Rating, Add	*2,120.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3201	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,853.95	368.71
		For Class 52 Rating, Deduct	*-802.48*	
		For Class 54 Rating, Add	*1,101.00*	
		For Class 55 Rating, Add	*1,640.26*	
		For Class 56 Rating, Add	*2,172.22*	
40 05 19 00-3202	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,031.68	371.58
		For Class 52 Rating, Deduct	*-821.56*	
		For Class 54 Rating, Add	*1,127.06*	
		For Class 55 Rating, Add	*1,679.03*	
		For Class 56 Rating, Add	*2,223.53*	
40 05 19 00-3203		10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3204	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,613.71	320.13
		For Class 52 Rating, Deduct	*-124.15*	
		For Class 54 Rating, Add	*175.12*	
		For Class 55 Rating, Add	*263.33*	
		For Class 56 Rating, Add	*350.42*	
40 05 19 00-3205	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,843.16	322.98
		For Class 52 Rating, Deduct	*-148.92*	
		For Class 54 Rating, Add	*208.94*	
		For Class 55 Rating, Add	*313.64*	
		For Class 56 Rating, Add	*416.99*	
40 05 19 00-3206	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,072.62	325.84
		For Class 52 Rating, Deduct	*-173.68*	
		For Class 54 Rating, Add	*242.76*	
		For Class 55 Rating, Add	*363.95*	
		For Class 56 Rating, Add	*483.55*	
40 05 19 00-3207	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,302.08	328.70
		For Class 52 Rating, Deduct	*-198.45*	
		For Class 54 Rating, Add	*276.58*	
		For Class 55 Rating, Add	*414.26*	
		For Class 56 Rating, Add	*550.12*	
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,531.53	331.57
		For Class 52 Rating, Deduct	*-223.21*	
		For Class 54 Rating, Add	*310.40*	
		For Class 55 Rating, Add	*464.56*	
		For Class 56 Rating, Add	*616.69*	
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,760.99	334.41
		For Class 52 Rating, Deduct	*-247.97*	
		For Class 54 Rating, Add	*344.23*	
		For Class 55 Rating, Add	*514.87*	
		For Class 56 Rating, Add	*683.26*	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,990.45	337.27
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*378.05*	
		For Class 55 Rating, Add	*565.18*	
		For Class 56 Rating, Add	*749.83*	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,219.90	340.13
		For Class 52 Rating, Deduct	*-297.50*	
		For Class 54 Rating, Add	*411.87*	
		For Class 55 Rating, Add	*615.48*	
		For Class 56 Rating, Add	*816.39*	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,449.36	342.98
		For Class 52 Rating, Deduct	*-322.26*	
		For Class 54 Rating, Add	*445.69*	
		For Class 55 Rating, Add	*665.79*	
		For Class 56 Rating, Add	*882.96*	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,678.82	345.85
		For Class 52 Rating, Deduct	*-347.03*	
		For Class 54 Rating, Add	*479.51*	
		For Class 55 Rating, Add	*716.10*	
		For Class 56 Rating, Add	*949.53*	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,908.27	348.71
		For Class 52 Rating, Deduct	*-371.79*	
		For Class 54 Rating, Add	*513.33*	
		For Class 55 Rating, Add	*766.40*	
		For Class 56 Rating, Add	*1,016.10*	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,137.72	351.57
		For Class 52 Rating, Deduct	*-396.56*	
		For Class 54 Rating, Add	*547.15*	
		For Class 55 Rating, Add	*816.71*	
		For Class 56 Rating, Add	*1,082.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,367.19	354.42
		For Class 52 Rating, Deduct	*-421.32*	
		For Class 54 Rating, Add	*580.97*	
		For Class 55 Rating, Add	*867.02*	
		For Class 56 Rating, Add	*1,149.24*	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,596.65	357.29
		For Class 52 Rating, Deduct	*-446.08*	
		For Class 54 Rating, Add	*614.79*	
		For Class 55 Rating, Add	*917.33*	
		For Class 56 Rating, Add	*1,215.80*	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,826.09	360.15
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*648.61*	
		For Class 55 Rating, Add	*967.63*	
		For Class 56 Rating, Add	*1,282.37*	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,055.56	362.99
		For Class 52 Rating, Deduct	*-495.61*	
		For Class 54 Rating, Add	*682.43*	
		For Class 55 Rating, Add	*1,017.94*	
		For Class 56 Rating, Add	*1,348.94*	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,285.01	365.85
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*716.25*	
		For Class 55 Rating, Add	*1,068.25*	
		For Class 56 Rating, Add	*1,415.51*	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,514.47	368.71
		For Class 52 Rating, Deduct	*-545.14*	
		For Class 54 Rating, Add	*750.08*	
		For Class 55 Rating, Add	*1,118.55*	
		For Class 56 Rating, Add	*1,482.08*	
40 05 19 00-3222	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,743.91	371.58
		For Class 52 Rating, Deduct	*-569.90*	
		For Class 54 Rating, Add	*783.90*	
		For Class 55 Rating, Add	*1,168.86*	
		For Class 56 Rating, Add	*1,548.64*	
40 05 19 00-3223	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,973.38	374.43
		For Class 52 Rating, Deduct	*-594.67*	
		For Class 54 Rating, Add	*817.72*	
		For Class 55 Rating, Add	*1,219.17*	
		For Class 56 Rating, Add	*1,615.21*	
40 05 19 00-3224	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,202.84	377.29
		For Class 52 Rating, Deduct	*-619.43*	
		For Class 54 Rating, Add	*851.54*	
		For Class 55 Rating, Add	*1,269.47*	
		For Class 56 Rating, Add	*1,681.78*	
40 05 19 00-3225	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,432.29	380.15
		For Class 52 Rating, Deduct	*-644.19*	
		For Class 54 Rating, Add	*885.36*	
		For Class 55 Rating, Add	*1,319.78*	
		For Class 56 Rating, Add	*1,748.35*	
40 05 19 00-3226	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,661.75	382.99
		For Class 52 Rating, Deduct	*-668.96*	
		For Class 54 Rating, Add	*919.18*	
		For Class 55 Rating, Add	*1,370.09*	
		For Class 56 Rating, Add	*1,814.92*	
40 05 19 00-3227	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,891.20	385.86
		For Class 52 Rating, Deduct	*-693.72*	
		For Class 54 Rating, Add	*953.00*	
		For Class 55 Rating, Add	*1,420.39*	
		For Class 56 Rating, Add	*1,881.48*	
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,120.66	388.72
		For Class 52 Rating, Deduct	*-718.49*	
		For Class 54 Rating, Add	*986.82*	
		For Class 55 Rating, Add	*1,470.70*	
		For Class 56 Rating, Add	*1,948.05*	
40 05 19 00-3229	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,350.13	391.58
		For Class 52 Rating, Deduct	*-743.25*	
		For Class 54 Rating, Add	*1,020.64*	
		For Class 55 Rating, Add	*1,521.01*	
		For Class 56 Rating, Add	*2,014.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3230	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,579.58	394.43
		For Class 52 Rating, Deduct	*-768.01*	
		For Class 54 Rating, Add	*1,054.46*	
		For Class 55 Rating, Add	*1,571.32*	
		For Class 56 Rating, Add	*2,081.19*	
40 05 19 00-3231	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,809.03	397.30
		For Class 52 Rating, Deduct	*-792.78*	
		For Class 54 Rating, Add	*1,088.28*	
		For Class 55 Rating, Add	*1,621.62*	
		For Class 56 Rating, Add	*2,147.76*	
40 05 19 00-3232	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,038.49	400.16
		For Class 52 Rating, Deduct	*-817.54*	
		For Class 54 Rating, Add	*1,122.10*	
		For Class 55 Rating, Add	*1,671.93*	
		For Class 56 Rating, Add	*2,214.32*	
40 05 19 00-3233	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,267.95	403.02
		For Class 52 Rating, Deduct	*-842.31*	
		For Class 54 Rating, Add	*1,155.93*	
		For Class 55 Rating, Add	*1,722.24*	
		For Class 56 Rating, Add	*2,280.89*	
40 05 19 00-3234	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,497.40	405.87
		For Class 52 Rating, Deduct	*-867.07*	
		For Class 54 Rating, Add	*1,189.75*	
		For Class 55 Rating, Add	*1,772.54*	
		For Class 56 Rating, Add	*2,347.46*	
40 05 19 00-3235	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,726.85	408.74
		For Class 52 Rating, Deduct	*-891.83*	
		For Class 54 Rating, Add	*1,223.57*	
		For Class 55 Rating, Add	*1,822.85*	
		For Class 56 Rating, Add	*2,414.03*	
40 05 19 00-3236	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,956.32	411.59
		For Class 52 Rating, Deduct	*-916.60*	
		For Class 54 Rating, Add	*1,257.39*	
		For Class 55 Rating, Add	*1,873.16*	
		For Class 56 Rating, Add	*2,480.60*	
40 05 19 00-3237	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,185.77	414.44
		For Class 52 Rating, Deduct	*-941.36*	
		For Class 54 Rating, Add	*1,291.21*	
		For Class 55 Rating, Add	*1,923.46*	
		For Class 56 Rating, Add	*2,547.16*	
40 05 19 00-3238	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,415.23	417.30
		For Class 52 Rating, Deduct	*-966.12*	
		For Class 54 Rating, Add	*1,325.03*	
		For Class 55 Rating, Add	*1,973.77*	
		For Class 56 Rating, Add	*2,613.73*	
40 05 19 00-3239	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,644.68	420.16
		For Class 52 Rating, Deduct	*-990.89*	
		For Class 54 Rating, Add	*1,358.85*	
		For Class 55 Rating, Add	*2,024.08*	
		For Class 56 Rating, Add	*2,680.30*	
40 05 19 00-3240	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,874.14	423.03
		For Class 52 Rating, Deduct	*-1,015.65*	
		For Class 54 Rating, Add	*1,392.67*	
		For Class 55 Rating, Add	*2,074.39*	
		For Class 56 Rating, Add	*2,746.87*	
40 05 19 00-3241	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,103.59	425.88
		For Class 52 Rating, Deduct	*-1,040.42*	
		For Class 54 Rating, Add	*1,426.49*	
		For Class 55 Rating, Add	*2,124.69*	
		For Class 56 Rating, Add	*2,813.43*	
40 05 19 00-3242	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,333.06	428.74
		For Class 52 Rating, Deduct	*-1,065.18*	
		For Class 54 Rating, Add	*1,460.31*	
		For Class 55 Rating, Add	*2,175.00*	
		For Class 56 Rating, Add	*2,880.00*	
40 05 19 00-3243		12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,097.00	400.16
		For Class 52 Rating, Deduct	*-163.98*	
		For Class 54 Rating, Add	*230.88*	
		For Class 55 Rating, Add	*346.98*	
		For Class 56 Rating, Add	*461.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,381.21	403.02
		For Class 52 Rating, Deduct	*-194.76*	
		For Class 54 Rating, Add	*272.91*	
		For Class 55 Rating, Add	*409.49*	
		For Class 56 Rating, Add	*544.30*	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,665.43	405.87
		For Class 52 Rating, Deduct	*-225.55*	
		For Class 54 Rating, Add	*314.95*	
		For Class 55 Rating, Add	*472.01*	
		For Class 56 Rating, Add	*627.03*	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,949.64	408.74
		For Class 52 Rating, Deduct	*-256.34*	
		For Class 54 Rating, Add	*356.99*	
		For Class 55 Rating, Add	*534.53*	
		For Class 56 Rating, Add	*709.75*	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,233.86	411.59
		For Class 52 Rating, Deduct	*-287.13*	
		For Class 54 Rating, Add	*399.02*	
		For Class 55 Rating, Add	*597.05*	
		For Class 56 Rating, Add	*792.47*	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,518.08	414.44
		For Class 52 Rating, Deduct	*-317.91*	
		For Class 54 Rating, Add	*441.05*	
		For Class 55 Rating, Add	*659.57*	
		For Class 56 Rating, Add	*875.19*	
40 05 19 00-3250	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,802.29	417.30
		For Class 52 Rating, Deduct	*-348.70*	
		For Class 54 Rating, Add	*483.09*	
		For Class 55 Rating, Add	*722.09*	
		For Class 56 Rating, Add	*957.92*	
40 05 19 00-3251	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,086.51	420.16
		For Class 52 Rating, Deduct	*-379.49*	
		For Class 54 Rating, Add	*525.12*	
		For Class 55 Rating, Add	*784.61*	
		For Class 56 Rating, Add	*1,040.64*	
40 05 19 00-3252	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,370.73	423.03
		For Class 52 Rating, Deduct	*-410.28*	
		For Class 54 Rating, Add	*567.16*	
		For Class 55 Rating, Add	*847.13*	
		For Class 56 Rating, Add	*1,123.36*	
40 05 19 00-3253	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,654.94	425.88
		For Class 52 Rating, Deduct	*-441.06*	
		For Class 54 Rating, Add	*609.19*	
		For Class 55 Rating, Add	*909.64*	
		For Class 56 Rating, Add	*1,206.08*	
40 05 19 00-3254	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,939.17	428.74
		For Class 52 Rating, Deduct	*-471.85*	
		For Class 54 Rating, Add	*651.23*	
		For Class 55 Rating, Add	*972.16*	
		For Class 56 Rating, Add	*1,288.81*	
40 05 19 00-3255	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,223.37	431.60
		For Class 52 Rating, Deduct	*-502.64*	
		For Class 54 Rating, Add	*693.26*	
		For Class 55 Rating, Add	*1,034.68*	
		For Class 56 Rating, Add	*1,371.53*	
40 05 19 00-3256	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,507.59	434.44
		For Class 52 Rating, Deduct	*-533.43*	
		For Class 54 Rating, Add	*735.30*	
		For Class 55 Rating, Add	*1,097.20*	
		For Class 56 Rating, Add	*1,454.25*	
40 05 19 00-3257	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,791.81	437.31
		For Class 52 Rating, Deduct	*-564.21*	
		For Class 54 Rating, Add	*777.33*	
		For Class 55 Rating, Add	*1,159.72*	
		For Class 56 Rating, Add	*1,536.97*	
40 05 19 00-3258	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,076.03	440.17
		For Class 52 Rating, Deduct	*-595.00*	
		For Class 54 Rating, Add	*819.37*	
		For Class 55 Rating, Add	*1,222.24*	
		For Class 56 Rating, Add	*1,619.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3259	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,360.25	443.03
		For Class 52 Rating, Deduct	*-625.79*	
		For Class 54 Rating, Add	*861.40*	
		For Class 55 Rating, Add	*1,284.76*	
		For Class 56 Rating, Add	*1,702.42*	
40 05 19 00-3260	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,644.45	445.88
		For Class 52 Rating, Deduct	*-656.58*	
		For Class 54 Rating, Add	*903.44*	
		For Class 55 Rating, Add	*1,347.27*	
		For Class 56 Rating, Add	*1,785.14*	
40 05 19 00-3261	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,928.68	448.75
		For Class 52 Rating, Deduct	*-687.36*	
		For Class 54 Rating, Add	*945.47*	
		For Class 55 Rating, Add	*1,409.79*	
		For Class 56 Rating, Add	*1,867.86*	
40 05 19 00-3262	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,212.90	451.61
		For Class 52 Rating, Deduct	*-718.15*	
		For Class 54 Rating, Add	*987.51*	
		For Class 55 Rating, Add	*1,472.31*	
		For Class 56 Rating, Add	*1,950.58*	
40 05 19 00-3263	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,497.11	454.46
		For Class 52 Rating, Deduct	*-748.94*	
		For Class 54 Rating, Add	*1,029.54*	
		For Class 55 Rating, Add	*1,534.83*	
		For Class 56 Rating, Add	*2,033.31*	
40 05 19 00-3264	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,781.33	457.32
		For Class 52 Rating, Deduct	*-779.73*	
		For Class 54 Rating, Add	*1,071.58*	
		For Class 55 Rating, Add	*1,597.35*	
		For Class 56 Rating, Add	*2,116.03*	
40 05 19 00-3265	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,065.55	460.17
		For Class 52 Rating, Deduct	*-810.51*	
		For Class 54 Rating, Add	*1,113.61*	
		For Class 55 Rating, Add	*1,659.87*	
		For Class 56 Rating, Add	*2,198.75*	
40 05 19 00-3266	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,349.76	463.04
		For Class 52 Rating, Deduct	*-841.30*	
		For Class 54 Rating, Add	*1,155.65*	
		For Class 55 Rating, Add	*1,722.38*	
		For Class 56 Rating, Add	*2,281.47*	
40 05 19 00-3267	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,633.98	465.89
		For Class 52 Rating, Deduct	*-872.09*	
		For Class 54 Rating, Add	*1,197.68*	
		For Class 55 Rating, Add	*1,784.90*	
		For Class 56 Rating, Add	*2,364.20*	
40 05 19 00-3268	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,918.19	468.75
		For Class 52 Rating, Deduct	*-902.88*	
		For Class 54 Rating, Add	*1,239.72*	
		For Class 55 Rating, Add	*1,847.42*	
		For Class 56 Rating, Add	*2,446.92*	
40 05 19 00-3269	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,202.41	471.61
		For Class 52 Rating, Deduct	*-933.66*	
		For Class 54 Rating, Add	*1,281.75*	
		For Class 55 Rating, Add	*1,909.94*	
		For Class 56 Rating, Add	*2,529.64*	
40 05 19 00-3270	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,486.63	474.48
		For Class 52 Rating, Deduct	*-964.45*	
		For Class 54 Rating, Add	*1,323.79*	
		For Class 55 Rating, Add	*1,972.46*	
		For Class 56 Rating, Add	*2,612.36*	
40 05 19 00-3271	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,770.85	477.33
		For Class 52 Rating, Deduct	*-995.24*	
		For Class 54 Rating, Add	*1,365.82*	
		For Class 55 Rating, Add	*2,034.98*	
		For Class 56 Rating, Add	*2,695.08*	
40 05 19 00-3272	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,055.06	480.19
		For Class 52 Rating, Deduct	*-1,026.03*	
		For Class 54 Rating, Add	*1,407.86*	
		For Class 55 Rating, Add	*2,097.50*	
		For Class 56 Rating, Add	*2,777.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3273	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,339.27	483.05
		For Class 52 Rating, Deduct	*-1,056.81*	
		For Class 54 Rating, Add	*1,449.89*	
		For Class 55 Rating, Add	*2,160.01*	
		For Class 56 Rating, Add	*2,860.53*	
40 05 19 00-3274	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,623.50	485.89
		For Class 52 Rating, Deduct	*-1,087.60*	
		For Class 54 Rating, Add	*1,491.93*	
		For Class 55 Rating, Add	*2,222.53*	
		For Class 56 Rating, Add	*2,943.25*	
40 05 19 00-3275	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,907.72	488.76
		For Class 52 Rating, Deduct	*-1,118.39*	
		For Class 54 Rating, Add	*1,533.96*	
		For Class 55 Rating, Add	*2,285.05*	
		For Class 56 Rating, Add	*3,025.97*	
40 05 19 00-3276	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,191.93	491.62
		For Class 52 Rating, Deduct	*-1,149.18*	
		For Class 54 Rating, Add	*1,576.00*	
		For Class 55 Rating, Add	*2,347.57*	
		For Class 56 Rating, Add	*3,108.70*	
40 05 19 00-3277	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,476.15	494.48
		For Class 52 Rating, Deduct	*-1,179.96*	
		For Class 54 Rating, Add	*1,618.03*	
		For Class 55 Rating, Add	*2,410.09*	
		For Class 56 Rating, Add	*3,191.42*	
40 05 19 00-3278	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,760.36	497.33
		For Class 52 Rating, Deduct	*-1,210.75*	
		For Class 54 Rating, Add	*1,660.07*	
		For Class 55 Rating, Add	*2,472.61*	
		For Class 56 Rating, Add	*3,274.14*	
40 05 19 00-3279	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,044.58	500.20
		For Class 52 Rating, Deduct	*-1,241.54*	
		For Class 54 Rating, Add	*1,702.10*	
		For Class 55 Rating, Add	*2,535.13*	
		For Class 56 Rating, Add	*3,356.86*	
40 05 19 00-3280	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,328.80	503.06
		For Class 52 Rating, Deduct	*-1,272.33*	
		For Class 54 Rating, Add	*1,744.14*	
		For Class 55 Rating, Add	*2,597.64*	
		For Class 56 Rating, Add	*3,439.59*	
40 05 19 00-3281	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,613.01	505.91
		For Class 52 Rating, Deduct	*-1,303.11*	
		For Class 54 Rating, Add	*1,786.17*	
		For Class 55 Rating, Add	*2,660.16*	
		For Class 56 Rating, Add	*3,522.31*	
40 05 19 00-3282	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,897.23	508.76
		For Class 52 Rating, Deduct	*-1,333.90*	
		For Class 54 Rating, Add	*1,828.21*	
		For Class 55 Rating, Add	*2,722.68*	
		For Class 56 Rating, Add	*3,605.03*	

40 05 19 00-3283 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3284	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,829.74	480.19
		For Class 52 Rating, Deduct	*-231.24*	
		For Class 54 Rating, Add	*324.06*	
		For Class 55 Rating, Add	*486.25*	
		For Class 56 Rating, Add	*646.34*	
40 05 19 00-3285	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,174.80	483.05
		For Class 52 Rating, Deduct	*-268.72*	
		For Class 54 Rating, Add	*375.22*	
		For Class 55 Rating, Add	*562.34*	
		For Class 56 Rating, Add	*747.01*	
40 05 19 00-3286	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,519.87	485.89
		For Class 52 Rating, Deduct	*-306.20*	
		For Class 54 Rating, Add	*426.38*	
		For Class 55 Rating, Add	*638.42*	
		For Class 56 Rating, Add	*847.68*	
40 05 19 00-3287	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,864.93	488.76
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*477.54*	
		For Class 55 Rating, Add	*714.51*	
		For Class 56 Rating, Add	*948.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3288	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,209.99	491.62
		For Class 52 Rating, Deduct	*-381.16*	
		For Class 54 Rating, Add	*528.71*	
		For Class 55 Rating, Add	*790.60*	
		For Class 56 Rating, Add	*1,049.02*	
40 05 19 00-3289	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,555.05	494.48
		For Class 52 Rating, Deduct	*-418.64*	
		For Class 54 Rating, Add	*579.87*	
		For Class 55 Rating, Add	*866.68*	
		For Class 56 Rating, Add	*1,149.69*	
40 05 19 00-3290	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,900.11	497.33
		For Class 52 Rating, Deduct	*-456.12*	
		For Class 54 Rating, Add	*631.03*	
		For Class 55 Rating, Add	*942.77*	
		For Class 56 Rating, Add	*1,250.37*	
40 05 19 00-3291	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,245.17	500.20
		For Class 52 Rating, Deduct	*-493.60*	
		For Class 54 Rating, Add	*682.19*	
		For Class 55 Rating, Add	*1,018.86*	
		For Class 56 Rating, Add	*1,351.04*	
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,590.23	503.06
		For Class 52 Rating, Deduct	*-531.08*	
		For Class 54 Rating, Add	*733.35*	
		For Class 55 Rating, Add	*1,094.94*	
		For Class 56 Rating, Add	*1,451.71*	
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,935.30	505.91
		For Class 52 Rating, Deduct	*-568.56*	
		For Class 54 Rating, Add	*784.51*	
		For Class 55 Rating, Add	*1,171.03*	
		For Class 56 Rating, Add	*1,552.38*	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,280.36	508.76
		For Class 52 Rating, Deduct	*-606.05*	
		For Class 54 Rating, Add	*835.68*	
		For Class 55 Rating, Add	*1,247.12*	
		For Class 56 Rating, Add	*1,653.05*	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,625.42	511.62
		For Class 52 Rating, Deduct	*-643.53*	
		For Class 54 Rating, Add	*886.84*	
		For Class 55 Rating, Add	*1,323.21*	
		For Class 56 Rating, Add	*1,753.72*	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,970.49	514.49
		For Class 52 Rating, Deduct	*-681.01*	
		For Class 54 Rating, Add	*938.00*	
		For Class 55 Rating, Add	*1,399.29*	
		For Class 56 Rating, Add	*1,854.40*	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,315.54	517.34
		For Class 52 Rating, Deduct	*-718.49*	
		For Class 54 Rating, Add	*989.16*	
		For Class 55 Rating, Add	*1,475.38*	
		For Class 56 Rating, Add	*1,955.07*	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,660.60	520.20
		For Class 52 Rating, Deduct	*-755.97*	
		For Class 54 Rating, Add	*1,040.32*	
		For Class 55 Rating, Add	*1,551.47*	
		For Class 56 Rating, Add	*2,055.74*	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,005.67	523.06
		For Class 52 Rating, Deduct	*-793.45*	
		For Class 54 Rating, Add	*1,091.48*	
		For Class 55 Rating, Add	*1,627.55*	
		For Class 56 Rating, Add	*2,156.41*	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,350.73	525.91
		For Class 52 Rating, Deduct	*-830.93*	
		For Class 54 Rating, Add	*1,142.64*	
		For Class 55 Rating, Add	*1,703.64*	
		For Class 56 Rating, Add	*2,257.08*	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,695.78	528.78
		For Class 52 Rating, Deduct	*-868.41*	
		For Class 54 Rating, Add	*1,193.81*	
		For Class 55 Rating, Add	*1,779.73*	
		For Class 56 Rating, Add	*2,357.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,040.84	531.64
		For Class 52 Rating, Deduct	*-905.89*	
		For Class 54 Rating, Add	*1,244.97*	
		For Class 55 Rating, Add	*1,855.81*	
		For Class 56 Rating, Add	*2,458.42*	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,385.91	534.50
		For Class 52 Rating, Deduct	*-943.37*	
		For Class 54 Rating, Add	*1,296.13*	
		For Class 55 Rating, Add	*1,931.90*	
		For Class 56 Rating, Add	*2,559.09*	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,730.98	537.34
		For Class 52 Rating, Deduct	*-980.85*	
		For Class 54 Rating, Add	*1,347.29*	
		For Class 55 Rating, Add	*2,007.99*	
		For Class 56 Rating, Add	*2,659.77*	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,076.04	540.21
		For Class 52 Rating, Deduct	*-1,018.33*	
		For Class 54 Rating, Add	*1,398.45*	
		For Class 55 Rating, Add	*2,084.08*	
		For Class 56 Rating, Add	*2,760.44*	
40 05 19 00-3306	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,421.10	543.07
		For Class 52 Rating, Deduct	*-1,055.81*	
		For Class 54 Rating, Add	*1,449.61*	
		For Class 55 Rating, Add	*2,160.16*	
		For Class 56 Rating, Add	*2,861.11*	
40 05 19 00-3307	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,766.16	545.93
		For Class 52 Rating, Deduct	*-1,093.29*	
		For Class 54 Rating, Add	*1,500.78*	
		For Class 55 Rating, Add	*2,236.25*	
		For Class 56 Rating, Add	*2,961.78*	
40 05 19 00-3308	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,111.22	548.78
		For Class 52 Rating, Deduct	*-1,130.77*	
		For Class 54 Rating, Add	*1,551.94*	
		For Class 55 Rating, Add	*2,312.34*	
		For Class 56 Rating, Add	*3,062.45*	
40 05 19 00-3309	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,456.29	551.65
		For Class 52 Rating, Deduct	*-1,168.25*	
		For Class 54 Rating, Add	*1,603.10*	
		For Class 55 Rating, Add	*2,388.42*	
		For Class 56 Rating, Add	*3,163.13*	
40 05 19 00-3310	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,801.34	554.51
		For Class 52 Rating, Deduct	*-1,205.73*	
		For Class 54 Rating, Add	*1,654.26*	
		For Class 55 Rating, Add	*2,464.51*	
		For Class 56 Rating, Add	*3,263.80*	
40 05 19 00-3311	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,146.40	557.35
		For Class 52 Rating, Deduct	*-1,243.21*	
		For Class 54 Rating, Add	*1,705.42*	
		For Class 55 Rating, Add	*2,540.60*	
		For Class 56 Rating, Add	*3,364.47*	
40 05 19 00-3312	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,491.47	560.21
		For Class 52 Rating, Deduct	*-1,280.69*	
		For Class 54 Rating, Add	*1,756.58*	
		For Class 55 Rating, Add	*2,616.68*	
		For Class 56 Rating, Add	*3,465.14*	
40 05 19 00-3313	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,836.53	563.07
		For Class 52 Rating, Deduct	*-1,318.17*	
		For Class 54 Rating, Add	*1,807.74*	
		For Class 55 Rating, Add	*2,692.77*	
		For Class 56 Rating, Add	*3,565.81*	
40 05 19 00-3314	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,181.58	565.94
		For Class 52 Rating, Deduct	*-1,355.65*	
		For Class 54 Rating, Add	*1,858.91*	
		For Class 55 Rating, Add	*2,768.86*	
		For Class 56 Rating, Add	*3,666.48*	
40 05 19 00-3315	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,526.65	568.79
		For Class 52 Rating, Deduct	*-1,393.13*	
		For Class 54 Rating, Add	*1,910.07*	
		For Class 55 Rating, Add	*2,844.94*	
		For Class 56 Rating, Add	*3,767.16*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3316	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,871.72	571.65
		For Class 52 Rating, Deduct	*-1,430.61*	
		For Class 54 Rating, Add	*1,961.23*	
		For Class 55 Rating, Add	*2,921.03*	
		For Class 56 Rating, Add	*3,867.83*	
40 05 19 00-3317	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,216.78	574.51
		For Class 52 Rating, Deduct	*-1,468.09*	
		For Class 54 Rating, Add	*2,012.39*	
		For Class 55 Rating, Add	*2,997.12*	
		For Class 56 Rating, Add	*3,968.50*	
40 05 19 00-3318	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,561.83	577.36
		For Class 52 Rating, Deduct	*-1,505.57*	
		For Class 54 Rating, Add	*2,063.55*	
		For Class 55 Rating, Add	*3,073.20*	
		For Class 56 Rating, Add	*4,069.17*	
40 05 19 00-3319	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,906.90	580.23
		For Class 52 Rating, Deduct	*-1,543.05*	
		For Class 54 Rating, Add	*2,114.72*	
		For Class 55 Rating, Add	*3,149.29*	
		For Class 56 Rating, Add	*4,169.84*	
40 05 19 00-3320	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,251.96	583.09
		For Class 52 Rating, Deduct	*-1,580.54*	
		For Class 54 Rating, Add	*2,165.88*	
		For Class 55 Rating, Add	*3,225.38*	
		For Class 56 Rating, Add	*4,270.51*	
40 05 19 00-3321	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,597.02	585.94
		For Class 52 Rating, Deduct	*-1,618.02*	
		For Class 54 Rating, Add	*2,217.04*	
		For Class 55 Rating, Add	*3,301.47*	
		For Class 56 Rating, Add	*4,371.18*	

40 05 19 00-3322 16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,310.92	548.78
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*381.89*	
		For Class 55 Rating, Add	*572.87*	
		For Class 56 Rating, Add	*761.37*	
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,710.75	551.65
		For Class 52 Rating, Deduct	*-316.24*	
		For Class 54 Rating, Add	*441.27*	
		For Class 55 Rating, Add	*661.17*	
		For Class 56 Rating, Add	*878.19*	
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,110.56	554.51
		For Class 52 Rating, Deduct	*-359.75*	
		For Class 54 Rating, Add	*500.64*	
		For Class 55 Rating, Add	*749.47*	
		For Class 56 Rating, Add	*995.02*	
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,510.38	557.35
		For Class 52 Rating, Deduct	*-403.25*	
		For Class 54 Rating, Add	*560.02*	
		For Class 55 Rating, Add	*837.76*	
		For Class 56 Rating, Add	*1,111.84*	
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,910.21	560.21
		For Class 52 Rating, Deduct	*-446.75*	
		For Class 54 Rating, Add	*619.39*	
		For Class 55 Rating, Add	*926.06*	
		For Class 56 Rating, Add	*1,228.67*	
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,310.03	563.07
		For Class 52 Rating, Deduct	*-490.26*	
		For Class 54 Rating, Add	*678.77*	
		For Class 55 Rating, Add	*1,014.36*	
		For Class 56 Rating, Add	*1,345.49*	
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,709.84	565.94
		For Class 52 Rating, Deduct	*-533.76*	
		For Class 54 Rating, Add	*738.15*	
		For Class 55 Rating, Add	*1,102.66*	
		For Class 56 Rating, Add	*1,462.32*	
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,109.66	568.79
		For Class 52 Rating, Deduct	*-577.26*	
		For Class 54 Rating, Add	*797.52*	
		For Class 55 Rating, Add	*1,190.96*	
		For Class 56 Rating, Add	*1,579.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,509.50	571.65
		For Class 52 Rating, Deduct	*-620.77*	
		For Class 54 Rating, Add	*856.90*	
		For Class 55 Rating, Add	*1,279.26*	
		For Class 56 Rating, Add	*1,695.97*	
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,909.32	574.51
		For Class 52 Rating, Deduct	*-664.27*	
		For Class 54 Rating, Add	*916.27*	
		For Class 55 Rating, Add	*1,367.55*	
		For Class 56 Rating, Add	*1,812.80*	
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,309.13	577.36
		For Class 52 Rating, Deduct	*-707.78*	
		For Class 54 Rating, Add	*975.65*	
		For Class 55 Rating, Add	*1,455.85*	
		For Class 56 Rating, Add	*1,929.62*	
40 05 19 00-3334	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,708.96	580.23
		For Class 52 Rating, Deduct	*-751.28*	
		For Class 54 Rating, Add	*1,035.02*	
		For Class 55 Rating, Add	*1,544.15*	
		For Class 56 Rating, Add	*2,046.45*	
40 05 19 00-3335	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,108.78	583.09
		For Class 52 Rating, Deduct	*-794.79*	
		For Class 54 Rating, Add	*1,094.40*	
		For Class 55 Rating, Add	*1,632.45*	
		For Class 56 Rating, Add	*2,163.27*	
40 05 19 00-3336	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,508.60	585.94
		For Class 52 Rating, Deduct	*-838.29*	
		For Class 54 Rating, Add	*1,153.77*	
		For Class 55 Rating, Add	*1,720.75*	
		For Class 56 Rating, Add	*2,280.10*	
40 05 19 00-3337	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,908.43	588.79
		For Class 52 Rating, Deduct	*-881.79*	
		For Class 54 Rating, Add	*1,213.15*	
		For Class 55 Rating, Add	*1,809.05*	
		For Class 56 Rating, Add	*2,396.93*	
40 05 19 00-3338	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,308.24	591.66
		For Class 52 Rating, Deduct	*-925.30*	
		For Class 54 Rating, Add	*1,272.53*	
		For Class 55 Rating, Add	*1,897.34*	
		For Class 56 Rating, Add	*2,513.75*	
40 05 19 00-3339	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,708.06	594.52
		For Class 52 Rating, Deduct	*-968.80*	
		For Class 54 Rating, Add	*1,331.90*	
		For Class 55 Rating, Add	*1,985.64*	
		For Class 56 Rating, Add	*2,630.58*	
40 05 19 00-3340	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,107.89	597.37
		For Class 52 Rating, Deduct	*-1,012.31*	
		For Class 54 Rating, Add	*1,391.28*	
		For Class 55 Rating, Add	*2,073.94*	
		For Class 56 Rating, Add	*2,747.40*	
40 05 19 00-3341	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,507.72	600.23
		For Class 52 Rating, Deduct	*-1,055.81*	
		For Class 54 Rating, Add	*1,450.65*	
		For Class 55 Rating, Add	*2,162.24*	
		For Class 56 Rating, Add	*2,864.23*	
40 05 19 00-3342	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,907.53	603.10
		For Class 52 Rating, Deduct	*-1,099.31*	
		For Class 54 Rating, Add	*1,510.03*	
		For Class 55 Rating, Add	*2,250.54*	
		For Class 56 Rating, Add	*2,981.05*	
40 05 19 00-3343	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,307.35	605.96
		For Class 52 Rating, Deduct	*-1,142.82*	
		For Class 54 Rating, Add	*1,569.40*	
		For Class 55 Rating, Add	*2,338.84*	
		For Class 56 Rating, Add	*3,097.88*	
40 05 19 00-3344	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,707.18	608.80
		For Class 52 Rating, Deduct	*-1,186.32*	
		For Class 54 Rating, Add	*1,628.78*	
		For Class 55 Rating, Add	*2,427.14*	
		For Class 56 Rating, Add	*3,214.71*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3345	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,107.00	611.66
		For Class 52 Rating, Deduct	*-1,229.83*	
		For Class 54 Rating, Add	*1,688.16*	
		For Class 55 Rating, Add	*2,515.43*	
		For Class 56 Rating, Add	*3,331.53*	
40 05 19 00-3346	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,506.81	614.52
		For Class 52 Rating, Deduct	*-1,273.33*	
		For Class 54 Rating, Add	*1,747.53*	
		For Class 55 Rating, Add	*2,603.73*	
		For Class 56 Rating, Add	*3,448.36*	
40 05 19 00-3347	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,906.64	617.39
		For Class 52 Rating, Deduct	*-1,316.83*	
		For Class 54 Rating, Add	*1,806.91*	
		For Class 55 Rating, Add	*2,692.03*	
		For Class 56 Rating, Add	*3,565.18*	
40 05 19 00-3348	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,306.47	620.24
		For Class 52 Rating, Deduct	*-1,360.34*	
		For Class 54 Rating, Add	*1,866.28*	
		For Class 55 Rating, Add	*2,780.33*	
		For Class 56 Rating, Add	*3,682.01*	
40 05 19 00-3349	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,706.29	623.10
		For Class 52 Rating, Deduct	*-1,403.84*	
		For Class 54 Rating, Add	*1,925.66*	
		For Class 55 Rating, Add	*2,868.63*	
		For Class 56 Rating, Add	*3,798.84*	
40 05 19 00-3350	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,106.10	625.96
		For Class 52 Rating, Deduct	*-1,447.35*	
		For Class 54 Rating, Add	*1,985.03*	
		For Class 55 Rating, Add	*2,956.93*	
		For Class 56 Rating, Add	*3,915.66*	
40 05 19 00-3351	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,505.93	628.81
		For Class 52 Rating, Deduct	*-1,490.85*	
		For Class 54 Rating, Add	*2,044.41*	
		For Class 55 Rating, Add	*3,045.23*	
		For Class 56 Rating, Add	*4,032.49*	
40 05 19 00-3352	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,905.75	631.68
		For Class 52 Rating, Deduct	*-1,534.35*	
		For Class 54 Rating, Add	*2,103.79*	
		For Class 55 Rating, Add	*3,133.52*	
		For Class 56 Rating, Add	*4,149.31*	
40 05 19 00-3353	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,305.57	634.53
		For Class 52 Rating, Deduct	*-1,577.86*	
		For Class 54 Rating, Add	*2,163.16*	
		For Class 55 Rating, Add	*3,221.82*	
		For Class 56 Rating, Add	*4,266.14*	
40 05 19 00-3354	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,705.40	637.39
		For Class 52 Rating, Deduct	*-1,621.36*	
		For Class 54 Rating, Add	*2,222.54*	
		For Class 55 Rating, Add	*3,310.12*	
		For Class 56 Rating, Add	*4,382.96*	
40 05 19 00-3355	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,105.21	640.24
		For Class 52 Rating, Deduct	*-1,664.87*	
		For Class 54 Rating, Add	*2,281.91*	
		For Class 55 Rating, Add	*3,398.42*	
		For Class 56 Rating, Add	*4,499.79*	
40 05 19 00-3356	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,505.04	643.11
		For Class 52 Rating, Deduct	*-1,708.37*	
		For Class 54 Rating, Add	*2,341.29*	
		For Class 55 Rating, Add	*3,486.72*	
		For Class 56 Rating, Add	*4,616.62*	
40 05 19 00-3357	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,904.87	645.97
		For Class 52 Rating, Deduct	*-1,751.87*	
		For Class 54 Rating, Add	*2,400.66*	
		For Class 55 Rating, Add	*3,575.02*	
		For Class 56 Rating, Add	*4,733.44*	
40 05 19 00-3358	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,304.69	648.82
		For Class 52 Rating, Deduct	*-1,795.38*	
		For Class 54 Rating, Add	*2,460.04*	
		For Class 55 Rating, Add	*3,663.31*	
		For Class 56 Rating, Add	*4,850.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3359	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,704.50	651.68
		For Class 52 Rating, Deduct	*-1,838.88*	
		For Class 54 Rating, Add	*2,519.42*	
		For Class 55 Rating, Add	*3,751.61*	
		For Class 56 Rating, Add	*4,967.09*	
40 05 19 00-3360	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,104.33	654.54
		For Class 52 Rating, Deduct	*-1,882.39*	
		For Class 54 Rating, Add	*2,578.79*	
		For Class 55 Rating, Add	*3,839.91*	
		For Class 56 Rating, Add	*5,083.92*	

40 05 19 00-3361 18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3362	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,842.51	618.53
		For Class 52 Rating, Deduct	*-319.59*	
		For Class 54 Rating, Add	*447.05*	
		For Class 55 Rating, Add	*670.38*	
		For Class 56 Rating, Add	*890.81*	
40 05 19 00-3363	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,303.17	621.39
		For Class 52 Rating, Deduct	*-369.78*	
		For Class 54 Rating, Add	*515.55*	
		For Class 55 Rating, Add	*772.25*	
		For Class 56 Rating, Add	*1,025.59*	
40 05 19 00-3364	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,763.83	624.24
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*584.05*	
		For Class 55 Rating, Add	*874.12*	
		For Class 56 Rating, Add	*1,160.36*	
40 05 19 00-3365	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,224.50	627.10
		For Class 52 Rating, Deduct	*-470.18*	
		For Class 54 Rating, Add	*652.55*	
		For Class 55 Rating, Add	*975.98*	
		For Class 56 Rating, Add	*1,295.14*	
40 05 19 00-3366	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,685.17	629.96
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*721.06*	
		For Class 55 Rating, Add	*1,077.85*	
		For Class 56 Rating, Add	*1,429.91*	
40 05 19 00-3367	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,145.84	632.81
		For Class 52 Rating, Deduct	*-570.57*	
		For Class 54 Rating, Add	*789.56*	
		For Class 55 Rating, Add	*1,179.72*	
		For Class 56 Rating, Add	*1,564.69*	
40 05 19 00-3368	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,606.50	635.67
		For Class 52 Rating, Deduct	*-620.77*	
		For Class 54 Rating, Add	*858.06*	
		For Class 55 Rating, Add	*1,281.58*	
		For Class 56 Rating, Add	*1,699.46*	
40 05 19 00-3369	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,067.17	638.54
		For Class 52 Rating, Deduct	*-670.97*	
		For Class 54 Rating, Add	*926.56*	
		For Class 55 Rating, Add	*1,383.45*	
		For Class 56 Rating, Add	*1,834.24*	
40 05 19 00-3370	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,527.84	641.40
		For Class 52 Rating, Deduct	*-721.16*	
		For Class 54 Rating, Add	*995.07*	
		For Class 55 Rating, Add	*1,485.32*	
		For Class 56 Rating, Add	*1,969.01*	
40 05 19 00-3371	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,988.50	644.25
		For Class 52 Rating, Deduct	*-771.36*	
		For Class 54 Rating, Add	*1,063.57*	
		For Class 55 Rating, Add	*1,587.18*	
		For Class 56 Rating, Add	*2,103.79*	
40 05 19 00-3372	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,449.17	647.11
		For Class 52 Rating, Deduct	*-821.56*	
		For Class 54 Rating, Add	*1,132.07*	
		For Class 55 Rating, Add	*1,689.05*	
		For Class 56 Rating, Add	*2,238.56*	
40 05 19 00-3373	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,909.84	649.97
		For Class 52 Rating, Deduct	*-871.75*	
		For Class 54 Rating, Add	*1,200.57*	
		For Class 55 Rating, Add	*1,790.92*	
		For Class 56 Rating, Add	*2,373.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3374	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,370.50	652.82
		For Class 52 Rating, Deduct	*-921.95*	
		For Class 54 Rating, Add	*1,269.08*	
		For Class 55 Rating, Add	*1,892.78*	
		For Class 56 Rating, Add	*2,508.11*	
40 05 19 00-3375	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,831.17	655.68
		For Class 52 Rating, Deduct	*-972.15*	
		For Class 54 Rating, Add	*1,337.58*	
		For Class 55 Rating, Add	*1,994.65*	
		For Class 56 Rating, Add	*2,642.89*	
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,291.83	658.54
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,406.08*	
		For Class 55 Rating, Add	*2,096.52*	
		For Class 56 Rating, Add	*2,777.66*	
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,752.50	661.40
		For Class 52 Rating, Deduct	*-1,072.54*	
		For Class 54 Rating, Add	*1,474.58*	
		For Class 55 Rating, Add	*2,198.39*	
		For Class 56 Rating, Add	*2,912.44*	
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,213.17	664.26
		For Class 52 Rating, Deduct	*-1,122.74*	
		For Class 54 Rating, Add	*1,543.09*	
		For Class 55 Rating, Add	*2,300.25*	
		For Class 56 Rating, Add	*3,047.21*	
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,673.84	667.12
		For Class 52 Rating, Deduct	*-1,172.94*	
		For Class 54 Rating, Add	*1,611.59*	
		For Class 55 Rating, Add	*2,402.12*	
		For Class 56 Rating, Add	*3,181.99*	
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,134.50	669.98
		For Class 52 Rating, Deduct	*-1,223.13*	
		For Class 54 Rating, Add	*1,680.09*	
		For Class 55 Rating, Add	*2,503.99*	
		For Class 56 Rating, Add	*3,316.76*	
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,595.16	672.82
		For Class 52 Rating, Deduct	*-1,273.33*	
		For Class 54 Rating, Add	*1,748.59*	
		For Class 55 Rating, Add	*2,605.85*	
		For Class 56 Rating, Add	*3,451.54*	
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,055.84	675.68
		For Class 52 Rating, Deduct	*-1,323.53*	
		For Class 54 Rating, Add	*1,817.09*	
		For Class 55 Rating, Add	*2,707.72*	
		For Class 56 Rating, Add	*3,586.31*	
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,516.51	678.55
		For Class 52 Rating, Deduct	*-1,373.72*	
		For Class 54 Rating, Add	*1,885.60*	
		For Class 55 Rating, Add	*2,809.59*	
		For Class 56 Rating, Add	*3,721.09*	
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,977.17	681.41
		For Class 52 Rating, Deduct	*-1,423.92*	
		For Class 54 Rating, Add	*1,954.10*	
		For Class 55 Rating, Add	*2,911.45*	
		For Class 56 Rating, Add	*3,855.86*	
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,437.84	684.26
		For Class 52 Rating, Deduct	*-1,474.12*	
		For Class 54 Rating, Add	*2,022.60*	
		For Class 55 Rating, Add	*3,013.32*	
		For Class 56 Rating, Add	*3,990.64*	
40 05 19 00-3386	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,898.50	687.12
		For Class 52 Rating, Deduct	*-1,524.31*	
		For Class 54 Rating, Add	*2,091.10*	
		For Class 55 Rating, Add	*3,115.19*	
		For Class 56 Rating, Add	*4,125.41*	
40 05 19 00-3387	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,359.17	689.99
		For Class 52 Rating, Deduct	*-1,574.51*	
		For Class 54 Rating, Add	*2,159.61*	
		For Class 55 Rating, Add	*3,217.05*	
		For Class 56 Rating, Add	*4,260.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3388	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,819.84	692.85
		For Class 52 Rating, Deduct	*-1,624.71*	
		For Class 54 Rating, Add	*2,228.11*	
		For Class 55 Rating, Add	*3,318.92*	
		For Class 56 Rating, Add	*4,394.96*	
40 05 19 00-3389	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,280.50	695.70
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,296.61*	
		For Class 55 Rating, Add	*3,420.79*	
		For Class 56 Rating, Add	*4,529.74*	
40 05 19 00-3390	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,741.17	698.55
		For Class 52 Rating, Deduct	*-1,725.10*	
		For Class 54 Rating, Add	*2,365.11*	
		For Class 55 Rating, Add	*3,522.66*	
		For Class 56 Rating, Add	*4,664.51*	
40 05 19 00-3391	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,201.83	701.42
		For Class 52 Rating, Deduct	*-1,775.30*	
		For Class 54 Rating, Add	*2,433.62*	
		For Class 55 Rating, Add	*3,624.52*	
		For Class 56 Rating, Add	*4,799.29*	
40 05 19 00-3392	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,662.51	704.27
		For Class 52 Rating, Deduct	*-1,825.50*	
		For Class 54 Rating, Add	*2,502.12*	
		For Class 55 Rating, Add	*3,726.39*	
		For Class 56 Rating, Add	*4,934.06*	
40 05 19 00-3393	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,123.17	707.13
		For Class 52 Rating, Deduct	*-1,875.69*	
		For Class 54 Rating, Add	*2,570.62*	
		For Class 55 Rating, Add	*3,828.26*	
		For Class 56 Rating, Add	*5,068.84*	
40 05 19 00-3394	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,583.83	709.99
		For Class 52 Rating, Deduct	*-1,925.89*	
		For Class 54 Rating, Add	*2,639.12*	
		For Class 55 Rating, Add	*3,930.12*	
		For Class 56 Rating, Add	*5,203.61*	
40 05 19 00-3395	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,044.51	712.85
		For Class 52 Rating, Deduct	*-1,976.09*	
		For Class 54 Rating, Add	*2,707.63*	
		For Class 55 Rating, Add	*4,031.99*	
		For Class 56 Rating, Add	*5,338.39*	
40 05 19 00-3396	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,505.17	715.71
		For Class 52 Rating, Deduct	*-2,026.28*	
		For Class 54 Rating, Add	*2,776.13*	
		For Class 55 Rating, Add	*4,133.86*	
		For Class 56 Rating, Add	*5,473.16*	
40 05 19 00-3397	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,965.83	718.57
		For Class 52 Rating, Deduct	*-2,076.48*	
		For Class 54 Rating, Add	*2,844.63*	
		For Class 55 Rating, Add	*4,235.72*	
		For Class 56 Rating, Add	*5,607.94*	
40 05 19 00-3398	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,426.50	721.43
		For Class 52 Rating, Deduct	*-2,126.68*	
		For Class 54 Rating, Add	*2,913.13*	
		For Class 55 Rating, Add	*4,337.59*	
		For Class 56 Rating, Add	*5,742.71*	
40 05 19 00-3399	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,887.17	724.27
		For Class 52 Rating, Deduct	*-2,176.87*	
		For Class 54 Rating, Add	*2,981.63*	
		For Class 55 Rating, Add	*4,439.46*	
		For Class 56 Rating, Add	*5,877.49*	
40 05 19 00-3400		20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3401	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,476.99	705.99
		For Class 52 Rating, Deduct	*-374.80*	
		For Class 54 Rating, Add	*523.93*	
		For Class 55 Rating, Add	*785.50*	
		For Class 56 Rating, Add	*1,043.66*	
40 05 19 00-3402	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,001.54	708.85
		For Class 52 Rating, Deduct	*-432.03*	
		For Class 54 Rating, Add	*602.02*	
		For Class 55 Rating, Add	*901.62*	
		For Class 56 Rating, Add	*1,197.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3403	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,526.09	711.70
		For Class 52 Rating, Deduct	*-489.25*	
		For Class 54 Rating, Add	*680.10*	
		For Class 55 Rating, Add	*1,017.73*	
		For Class 56 Rating, Add	*1,350.91*	
40 05 19 00-3404	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,050.65	714.56
		For Class 52 Rating, Deduct	*-546.48*	
		For Class 54 Rating, Add	*758.19*	
		For Class 55 Rating, Add	*1,133.84*	
		For Class 56 Rating, Add	*1,504.53*	
40 05 19 00-3405	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,575.20	717.42
		For Class 52 Rating, Deduct	*-603.70*	
		For Class 54 Rating, Add	*836.27*	
		For Class 55 Rating, Add	*1,249.96*	
		For Class 56 Rating, Add	*1,658.15*	
40 05 19 00-3406	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,099.76	720.27
		For Class 52 Rating, Deduct	*-660.93*	
		For Class 54 Rating, Add	*914.36*	
		For Class 55 Rating, Add	*1,366.07*	
		For Class 56 Rating, Add	*1,811.77*	
40 05 19 00-3407	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,624.31	723.14
		For Class 52 Rating, Deduct	*-718.15*	
		For Class 54 Rating, Add	*992.45*	
		For Class 55 Rating, Add	*1,482.18*	
		For Class 56 Rating, Add	*1,965.40*	
40 05 19 00-3408	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,148.86	726.00
		For Class 52 Rating, Deduct	*-775.38*	
		For Class 54 Rating, Add	*1,070.53*	
		For Class 55 Rating, Add	*1,598.30*	
		For Class 56 Rating, Add	*2,119.02*	
40 05 19 00-3409	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,673.41	728.86
		For Class 52 Rating, Deduct	*-832.60*	
		For Class 54 Rating, Add	*1,148.62*	
		For Class 55 Rating, Add	*1,714.41*	
		For Class 56 Rating, Add	*2,272.64*	
40 05 19 00-3410	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,197.98	731.70
		For Class 52 Rating, Deduct	*-889.83*	
		For Class 54 Rating, Add	*1,226.70*	
		For Class 55 Rating, Add	*1,830.53*	
		For Class 56 Rating, Add	*2,426.26*	
40 05 19 00-3411	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,722.53	734.57
		For Class 52 Rating, Deduct	*-947.05*	
		For Class 54 Rating, Add	*1,304.79*	
		For Class 55 Rating, Add	*1,946.64*	
		For Class 56 Rating, Add	*2,579.88*	
40 05 19 00-3412	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,247.07	737.43
		For Class 52 Rating, Deduct	*-1,004.27*	
		For Class 54 Rating, Add	*1,382.87*	
		For Class 55 Rating, Add	*2,062.75*	
		For Class 56 Rating, Add	*2,733.50*	
40 05 19 00-3413	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,771.64	740.28
		For Class 52 Rating, Deduct	*-1,061.50*	
		For Class 54 Rating, Add	*1,460.96*	
		For Class 55 Rating, Add	*2,178.87*	
		For Class 56 Rating, Add	*2,887.13*	
40 05 19 00-3414	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,296.19	743.14
		For Class 52 Rating, Deduct	*-1,118.72*	
		For Class 54 Rating, Add	*1,539.04*	
		For Class 55 Rating, Add	*2,294.98*	
		For Class 56 Rating, Add	*3,040.75*	
40 05 19 00-3415	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,820.74	746.01
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,617.13*	
		For Class 55 Rating, Add	*2,411.09*	
		For Class 56 Rating, Add	*3,194.37*	
40 05 19 00-3416	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,345.29	748.87
		For Class 52 Rating, Deduct	*-1,233.17*	
		For Class 54 Rating, Add	*1,695.21*	
		For Class 55 Rating, Add	*2,527.21*	
		For Class 56 Rating, Add	*3,347.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3417	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,869.85	751.72
		For Class 52 Rating, Deduct	*-1,290.40*	
		For Class 54 Rating, Add	*1,773.30*	
		For Class 55 Rating, Add	*2,643.32*	
		For Class 56 Rating, Add	*3,501.61*	
40 05 19 00-3418	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,394.40	754.58
		For Class 52 Rating, Deduct	*-1,347.62*	
		For Class 54 Rating, Add	*1,851.38*	
		For Class 55 Rating, Add	*2,759.43*	
		For Class 56 Rating, Add	*3,655.23*	
40 05 19 00-3419	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,918.95	757.43
		For Class 52 Rating, Deduct	*-1,404.85*	
		For Class 54 Rating, Add	*1,929.47*	
		For Class 55 Rating, Add	*2,875.55*	
		For Class 56 Rating, Add	*3,808.85*	
40 05 19 00-3420	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,443.51	760.30
		For Class 52 Rating, Deduct	*-1,462.07*	
		For Class 54 Rating, Add	*2,007.56*	
		For Class 55 Rating, Add	*2,991.66*	
		For Class 56 Rating, Add	*3,962.48*	
40 05 19 00-3421	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,968.06	763.15
		For Class 52 Rating, Deduct	*-1,519.29*	
		For Class 54 Rating, Add	*2,085.64*	
		For Class 55 Rating, Add	*3,107.78*	
		For Class 56 Rating, Add	*4,116.10*	
40 05 19 00-3422	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,492.61	766.01
		For Class 52 Rating, Deduct	*-1,576.52*	
		For Class 54 Rating, Add	*2,163.73*	
		For Class 55 Rating, Add	*3,223.89*	
		For Class 56 Rating, Add	*4,269.72*	
40 05 19 00-3423	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,017.18	768.87
		For Class 52 Rating, Deduct	*-1,633.74*	
		For Class 54 Rating, Add	*2,241.81*	
		For Class 55 Rating, Add	*3,340.00*	
		For Class 56 Rating, Add	*4,423.34*	
40 05 19 00-3424	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,541.72	771.72
		For Class 52 Rating, Deduct	*-1,690.97*	
		For Class 54 Rating, Add	*2,319.90*	
		For Class 55 Rating, Add	*3,456.12*	
		For Class 56 Rating, Add	*4,576.96*	
40 05 19 00-3425	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,066.27	774.59
		For Class 52 Rating, Deduct	*-1,748.19*	
		For Class 54 Rating, Add	*2,397.98*	
		For Class 55 Rating, Add	*3,572.23*	
		For Class 56 Rating, Add	*4,730.58*	
40 05 19 00-3426	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,590.83	777.45
		For Class 52 Rating, Deduct	*-1,805.42*	
		For Class 54 Rating, Add	*2,476.07*	
		For Class 55 Rating, Add	*3,688.34*	
		For Class 56 Rating, Add	*4,884.21*	
40 05 19 00-3427	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,115.39	780.31
		For Class 52 Rating, Deduct	*-1,862.64*	
		For Class 54 Rating, Add	*2,554.15*	
		For Class 55 Rating, Add	*3,804.46*	
		For Class 56 Rating, Add	*5,037.83*	
40 05 19 00-3428	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,639.94	783.15
		For Class 52 Rating, Deduct	*-1,919.87*	
		For Class 54 Rating, Add	*2,632.24*	
		For Class 55 Rating, Add	*3,920.57*	
		For Class 56 Rating, Add	*5,191.45*	
40 05 19 00-3429	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,164.48	786.02
		For Class 52 Rating, Deduct	*-1,977.09*	
		For Class 54 Rating, Add	*2,710.32*	
		For Class 55 Rating, Add	*4,036.68*	
		For Class 56 Rating, Add	*5,345.07*	
40 05 19 00-3430	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,689.05	788.88
		For Class 52 Rating, Deduct	*-2,034.32*	
		For Class 54 Rating, Add	*2,788.41*	
		For Class 55 Rating, Add	*4,152.80*	
		For Class 56 Rating, Add	*5,498.69*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3431	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,213.60	791.73
		For Class 52 Rating, Deduct	*-2,091.54*	
		For Class 54 Rating, Add	*2,866.50*	
		For Class 55 Rating, Add	*4,268.91*	
		For Class 56 Rating, Add	*5,652.32*	
40 05 19 00-3432	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,738.15	794.59
		For Class 52 Rating, Deduct	*-2,148.76*	
		For Class 54 Rating, Add	*2,944.58*	
		For Class 55 Rating, Add	*4,385.03*	
		For Class 56 Rating, Add	*5,805.94*	
40 05 19 00-3433	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,262.71	797.46
		For Class 52 Rating, Deduct	*-2,205.99*	
		For Class 54 Rating, Add	*3,022.67*	
		For Class 55 Rating, Add	*4,501.14*	
		For Class 56 Rating, Add	*5,959.56*	
40 05 19 00-3434	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,787.26	800.32
		For Class 52 Rating, Deduct	*-2,263.21*	
		For Class 54 Rating, Add	*3,100.75*	
		For Class 55 Rating, Add	*4,617.25*	
		For Class 56 Rating, Add	*6,113.18*	
40 05 19 00-3435	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,311.81	803.17
		For Class 52 Rating, Deduct	*-2,320.44*	
		For Class 54 Rating, Add	*3,178.84*	
		For Class 55 Rating, Add	*4,733.37*	
		For Class 56 Rating, Add	*6,266.80*	
40 05 19 00-3436	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,836.38	806.03
		For Class 52 Rating, Deduct	*-2,377.66*	
		For Class 54 Rating, Add	*3,256.92*	
		For Class 55 Rating, Add	*4,849.48*	
		For Class 56 Rating, Add	*6,420.43*	
40 05 19 00-3437	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,360.92	808.88
		For Class 52 Rating, Deduct	*-2,434.89*	
		For Class 54 Rating, Add	*3,335.01*	
		For Class 55 Rating, Add	*4,965.59*	
		For Class 56 Rating, Add	*6,574.05*	
40 05 19 00-3438	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,885.47	811.74
		For Class 52 Rating, Deduct	*-2,492.11*	
		For Class 54 Rating, Add	*3,413.09*	
		For Class 55 Rating, Add	*5,081.71*	
		For Class 56 Rating, Add	*6,727.67*	

40 05 19 00-3439 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3440	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,517.61	834.60
		For Class 52 Rating, Deduct	*-467.84*	
		For Class 54 Rating, Add	*653.13*	
		For Class 55 Rating, Add	*978.78*	
		For Class 56 Rating, Add	*1,300.17*	
40 05 19 00-3441	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,166.90	837.47
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*749.93*	
		For Class 55 Rating, Add	*1,122.71*	
		For Class 56 Rating, Add	*1,490.59*	
40 05 19 00-3442	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,816.18	840.33
		For Class 52 Rating, Deduct	*-609.73*	
		For Class 54 Rating, Add	*846.72*	
		For Class 55 Rating, Add	*1,266.64*	
		For Class 56 Rating, Add	*1,681.01*	
40 05 19 00-3443	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,465.48	843.18
		For Class 52 Rating, Deduct	*-680.67*	
		For Class 54 Rating, Add	*943.52*	
		For Class 55 Rating, Add	*1,410.57*	
		For Class 56 Rating, Add	*1,871.43*	
40 05 19 00-3444	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,114.75	846.04
		For Class 52 Rating, Deduct	*-751.62*	
		For Class 54 Rating, Add	*1,040.31*	
		For Class 55 Rating, Add	*1,554.50*	
		For Class 56 Rating, Add	*2,061.84*	
40 05 19 00-3445	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,764.04	848.90
		For Class 52 Rating, Deduct	*-822.56*	
		For Class 54 Rating, Add	*1,137.11*	
		For Class 55 Rating, Add	*1,698.43*	
		For Class 56 Rating, Add	*2,252.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3446	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,413.32	851.77
		For Class 52 Rating, Deduct	*-893.51*	
		For Class 54 Rating, Add	*1,233.90*	
		For Class 55 Rating, Add	*1,842.35*	
		For Class 56 Rating, Add	*2,442.68*	
40 05 19 00-3447	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,062.62	854.62
		For Class 52 Rating, Deduct	*-964.45*	
		For Class 54 Rating, Add	*1,330.70*	
		For Class 55 Rating, Add	*1,986.28*	
		For Class 56 Rating, Add	*2,633.10*	
40 05 19 00-3448	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,711.89	857.47
		For Class 52 Rating, Deduct	*-1,035.40*	
		For Class 54 Rating, Add	*1,427.49*	
		For Class 55 Rating, Add	*2,130.21*	
		For Class 56 Rating, Add	*2,823.51*	
40 05 19 00-3449	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,361.18	860.33
		For Class 52 Rating, Deduct	*-1,106.34*	
		For Class 54 Rating, Add	*1,524.29*	
		For Class 55 Rating, Add	*2,274.14*	
		For Class 56 Rating, Add	*3,013.93*	
40 05 19 00-3450	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,010.47	863.19
		For Class 52 Rating, Deduct	*-1,177.29*	
		For Class 54 Rating, Add	*1,621.08*	
		For Class 55 Rating, Add	*2,418.07*	
		For Class 56 Rating, Add	*3,204.35*	
40 05 19 00-3451	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,659.76	866.05
		For Class 52 Rating, Deduct	*-1,248.23*	
		For Class 54 Rating, Add	*1,717.88*	
		For Class 55 Rating, Add	*2,562.00*	
		For Class 56 Rating, Add	*3,394.77*	
40 05 19 00-3452	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,309.04	868.91
		For Class 52 Rating, Deduct	*-1,319.18*	
		For Class 54 Rating, Add	*1,814.67*	
		For Class 55 Rating, Add	*2,705.93*	
		For Class 56 Rating, Add	*3,585.19*	
40 05 19 00-3453	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,958.32	871.77
		For Class 52 Rating, Deduct	*-1,390.12*	
		For Class 54 Rating, Add	*1,911.47*	
		For Class 55 Rating, Add	*2,849.85*	
		For Class 56 Rating, Add	*3,775.60*	
40 05 19 00-3454	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,607.61	874.62
		For Class 52 Rating, Deduct	*-1,461.07*	
		For Class 54 Rating, Add	*2,008.27*	
		For Class 55 Rating, Add	*2,993.78*	
		For Class 56 Rating, Add	*3,966.02*	
40 05 19 00-3455	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,256.89	877.49
		For Class 52 Rating, Deduct	*-1,532.01*	
		For Class 54 Rating, Add	*2,105.06*	
		For Class 55 Rating, Add	*3,137.71*	
		For Class 56 Rating, Add	*4,156.44*	
40 05 19 00-3456	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,906.19	880.35
		For Class 52 Rating, Deduct	*-1,602.96*	
		For Class 54 Rating, Add	*2,201.86*	
		For Class 55 Rating, Add	*3,281.64*	
		For Class 56 Rating, Add	*4,346.86*	
40 05 19 00-3457	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,555.46	883.19
		For Class 52 Rating, Deduct	*-1,673.90*	
		For Class 54 Rating, Add	*2,298.65*	
		For Class 55 Rating, Add	*3,425.57*	
		For Class 56 Rating, Add	*4,537.27*	
40 05 19 00-3458	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,204.75	886.05
		For Class 52 Rating, Deduct	*-1,744.85*	
		For Class 54 Rating, Add	*2,395.45*	
		For Class 55 Rating, Add	*3,569.50*	
		For Class 56 Rating, Add	*4,727.69*	
40 05 19 00-3459	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,854.03	888.92
		For Class 52 Rating, Deduct	*-1,815.79*	
		For Class 54 Rating, Add	*2,492.24*	
		For Class 55 Rating, Add	*3,713.43*	
		For Class 56 Rating, Add	*4,918.11*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,503.33	891.78
		For Class 52 Rating, Deduct	*-1,886.74*	
		For Class 54 Rating, Add	*2,589.04*	
		For Class 55 Rating, Add	*3,857.36*	
		For Class 56 Rating, Add	*5,108.53*	
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,152.60	894.63
		For Class 52 Rating, Deduct	*-1,957.68*	
		For Class 54 Rating, Add	*2,685.83*	
		For Class 55 Rating, Add	*4,001.29*	
		For Class 56 Rating, Add	*5,298.94*	
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,801.89	897.49
		For Class 52 Rating, Deduct	*-2,028.63*	
		For Class 54 Rating, Add	*2,782.63*	
		For Class 55 Rating, Add	*4,145.22*	
		For Class 56 Rating, Add	*5,489.36*	
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,451.18	900.35
		For Class 52 Rating, Deduct	*-2,099.57*	
		For Class 54 Rating, Add	*2,879.42*	
		For Class 55 Rating, Add	*4,289.14*	
		For Class 56 Rating, Add	*5,679.78*	
40 05 19 00-3464	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,100.47	903.22
		For Class 52 Rating, Deduct	*-2,170.52*	
		For Class 54 Rating, Add	*2,976.22*	
		For Class 55 Rating, Add	*4,433.07*	
		For Class 56 Rating, Add	*5,870.20*	
40 05 19 00-3465	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,749.74	906.06
		For Class 52 Rating, Deduct	*-2,241.46*	
		For Class 54 Rating, Add	*3,073.01*	
		For Class 55 Rating, Add	*4,577.00*	
		For Class 56 Rating, Add	*6,060.61*	
40 05 19 00-3466	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,399.04	908.92
		For Class 52 Rating, Deduct	*-2,312.41*	
		For Class 54 Rating, Add	*3,169.81*	
		For Class 55 Rating, Add	*4,720.93*	
		For Class 56 Rating, Add	*6,251.03*	
40 05 19 00-3467	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,048.32	911.78
		For Class 52 Rating, Deduct	*-2,383.35*	
		For Class 54 Rating, Add	*3,266.60*	
		For Class 55 Rating, Add	*4,864.86*	
		For Class 56 Rating, Add	*6,441.45*	
40 05 19 00-3468	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,697.61	914.63
		For Class 52 Rating, Deduct	*-2,454.30*	
		For Class 54 Rating, Add	*3,363.40*	
		For Class 55 Rating, Add	*5,008.79*	
		For Class 56 Rating, Add	*6,631.87*	
40 05 19 00-3469	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,420.52	966.08
		For Class 52 Rating, Deduct	*-2,525.24*	
		For Class 54 Rating, Add	*3,461.08*	
		For Class 55 Rating, Add	*5,154.48*	
		For Class 56 Rating, Add	*6,824.93*	
40 05 19 00-3470	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,069.80	968.95
		For Class 52 Rating, Deduct	*-2,596.19*	
		For Class 54 Rating, Add	*3,557.87*	
		For Class 55 Rating, Add	*5,298.41*	
		For Class 56 Rating, Add	*7,015.35*	
40 05 19 00-3471	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,719.08	971.81
		For Class 52 Rating, Deduct	*-2,667.13*	
		For Class 54 Rating, Add	*3,654.67*	
		For Class 55 Rating, Add	*5,442.34*	
		For Class 56 Rating, Add	*7,205.77*	
40 05 19 00-3472	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,368.38	974.67
		For Class 52 Rating, Deduct	*-2,738.08*	
		For Class 54 Rating, Add	*3,751.46*	
		For Class 55 Rating, Add	*5,586.27*	
		For Class 56 Rating, Add	*7,396.19*	
40 05 19 00-3473	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,017.66	977.52
		For Class 52 Rating, Deduct	*-2,809.02*	
		For Class 54 Rating, Add	*3,848.26*	
		For Class 55 Rating, Add	*5,730.20*	
		For Class 56 Rating, Add	*7,586.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3474	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,709.18	980.38
		For Class 52 Rating, Deduct	*-3,214.61*	
		For Class 54 Rating, Add	*4,401.39*	
		For Class 55 Rating, Add	*6,552.55*	
		For Class 56 Rating, Add	*8,674.48*	
40 05 19 00-3475	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,316.22	983.24
		For Class 52 Rating, Deduct	*-2,950.91*	
		For Class 54 Rating, Add	*4,041.85*	
		For Class 55 Rating, Add	*6,018.06*	
		For Class 56 Rating, Add	*7,967.44*	
40 05 19 00-3476	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,965.52	986.09
		For Class 52 Rating, Deduct	*-3,021.86*	
		For Class 54 Rating, Add	*4,138.64*	
		For Class 55 Rating, Add	*6,161.99*	
		For Class 56 Rating, Add	*8,157.86*	
40 05 19 00-3477	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,614.80	988.95
		For Class 52 Rating, Deduct	*-3,092.80*	
		For Class 54 Rating, Add	*4,235.44*	
		For Class 55 Rating, Add	*6,305.91*	
		For Class 56 Rating, Add	*8,348.28*	

40 05 19 00-3478 30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3479	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,371.59	1,177.61
		For Class 52 Rating, Deduct	*-834.61*	
		For Class 54 Rating, Add	*1,159.51*	
		For Class 55 Rating, Add	*1,734.80*	
		For Class 56 Rating, Add	*2,302.50*	
40 05 19 00-3480	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,300.76	1,180.45
		For Class 52 Rating, Deduct	*-936.34*	
		For Class 54 Rating, Add	*1,298.29*	
		For Class 55 Rating, Add	*1,941.14*	
		For Class 56 Rating, Add	*2,575.48*	
40 05 19 00-3481	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,229.94	1,183.31
		For Class 52 Rating, Deduct	*-1,038.07*	
		For Class 54 Rating, Add	*1,437.07*	
		For Class 55 Rating, Add	*2,147.49*	
		For Class 56 Rating, Add	*2,848.47*	
40 05 19 00-3482	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,159.10	1,186.17
		For Class 52 Rating, Deduct	*-1,139.81*	
		For Class 54 Rating, Add	*1,575.85*	
		For Class 55 Rating, Add	*2,353.83*	
		For Class 56 Rating, Add	*3,121.45*	
40 05 19 00-3483	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,088.27	1,189.04
		For Class 52 Rating, Deduct	*-1,241.54*	
		For Class 54 Rating, Add	*1,714.63*	
		For Class 55 Rating, Add	*2,560.17*	
		For Class 56 Rating, Add	*3,394.44*	
40 05 19 00-3484	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,017.45	1,191.89
		For Class 52 Rating, Deduct	*-1,343.27*	
		For Class 54 Rating, Add	*1,853.40*	
		For Class 55 Rating, Add	*2,766.52*	
		For Class 56 Rating, Add	*3,667.42*	
40 05 19 00-3485	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,946.62	1,194.75
		For Class 52 Rating, Deduct	*-1,445.00*	
		For Class 54 Rating, Add	*1,992.18*	
		For Class 55 Rating, Add	*2,972.86*	
		For Class 56 Rating, Add	*3,940.40*	
40 05 19 00-3486	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,875.78	1,197.61
		For Class 52 Rating, Deduct	*-1,546.74*	
		For Class 54 Rating, Add	*2,130.96*	
		For Class 55 Rating, Add	*3,179.20*	
		For Class 56 Rating, Add	*4,213.39*	
40 05 19 00-3487	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,804.96	1,200.47
		For Class 52 Rating, Deduct	*-1,648.47*	
		For Class 54 Rating, Add	*2,269.74*	
		For Class 55 Rating, Add	*3,385.55*	
		For Class 56 Rating, Add	*4,486.37*	
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,734.14	1,203.32
		For Class 52 Rating, Deduct	*-1,750.20*	
		For Class 54 Rating, Add	*2,408.52*	
		For Class 55 Rating, Add	*3,591.89*	
		For Class 56 Rating, Add	*4,759.36*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,663.31	1,206.18
		For Class 52 Rating, Deduct	*-1,851.93*	
		For Class 54 Rating, Add	*2,547.29*	
		For Class 55 Rating, Add	*3,798.24*	
		For Class 56 Rating, Add	*5,032.34*	
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,592.48	1,209.04
		For Class 52 Rating, Deduct	*-1,953.67*	
		For Class 54 Rating, Add	*2,686.07*	
		For Class 55 Rating, Add	*4,004.58*	
		For Class 56 Rating, Add	*5,305.32*	
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,521.65	1,211.89
		For Class 52 Rating, Deduct	*-2,055.40*	
		For Class 54 Rating, Add	*2,824.85*	
		For Class 55 Rating, Add	*4,210.92*	
		For Class 56 Rating, Add	*5,578.31*	
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,450.82	1,214.76
		For Class 52 Rating, Deduct	*-2,157.13*	
		For Class 54 Rating, Add	*2,963.63*	
		For Class 55 Rating, Add	*4,417.27*	
		For Class 56 Rating, Add	*5,851.29*	
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,379.99	1,217.62
		For Class 52 Rating, Deduct	*-2,258.86*	
		For Class 54 Rating, Add	*3,102.41*	
		For Class 55 Rating, Add	*4,623.61*	
		For Class 56 Rating, Add	*6,124.28*	
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,309.17	1,220.47
		For Class 52 Rating, Deduct	*-2,360.60*	
		For Class 54 Rating, Add	*3,241.18*	
		For Class 55 Rating, Add	*4,829.95*	
		For Class 56 Rating, Add	*6,397.26*	
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,238.33	1,223.33
		For Class 52 Rating, Deduct	*-2,462.33*	
		For Class 54 Rating, Add	*3,379.96*	
		For Class 55 Rating, Add	*5,036.30*	
		For Class 56 Rating, Add	*6,670.24*	
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,167.50	1,226.20
		For Class 52 Rating, Deduct	*-2,564.06*	
		For Class 54 Rating, Add	*3,518.74*	
		For Class 55 Rating, Add	*5,242.64*	
		For Class 56 Rating, Add	*6,943.23*	
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,096.68	1,229.06
		For Class 52 Rating, Deduct	*-2,665.79*	
		For Class 54 Rating, Add	*3,657.52*	
		For Class 55 Rating, Add	*5,448.98*	
		For Class 56 Rating, Add	*7,216.21*	
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,025.85	1,231.90
		For Class 52 Rating, Deduct	*-2,767.53*	
		For Class 54 Rating, Add	*3,796.30*	
		For Class 55 Rating, Add	*5,655.33*	
		For Class 56 Rating, Add	*7,489.19*	
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,955.02	1,234.76
		For Class 52 Rating, Deduct	*-2,869.26*	
		For Class 54 Rating, Add	*3,935.08*	
		For Class 55 Rating, Add	*5,861.67*	
		For Class 56 Rating, Add	*7,762.18*	
40 05 19 00-3500	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,884.19	1,237.62
		For Class 52 Rating, Deduct	*-2,970.99*	
		For Class 54 Rating, Add	*4,073.85*	
		For Class 55 Rating, Add	*6,068.01*	
		For Class 56 Rating, Add	*8,035.16*	
40 05 19 00-3501	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,813.37	1,240.48
		For Class 52 Rating, Deduct	*-3,072.72*	
		For Class 54 Rating, Add	*4,212.63*	
		For Class 55 Rating, Add	*6,274.36*	
		For Class 56 Rating, Add	*8,308.15*	
40 05 19 00-3502	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,742.54	1,243.34
		For Class 52 Rating, Deduct	*-3,174.46*	
		For Class 54 Rating, Add	*4,351.41*	
		For Class 55 Rating, Add	*6,480.70*	
		For Class 56 Rating, Add	*8,581.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3503	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,671.70	1,246.20
		For Class 52 Rating, Deduct	*-3,276.19*	
		For Class 54 Rating, Add	*4,490.19*	
		For Class 55 Rating, Add	*6,687.04*	
		For Class 56 Rating, Add	*8,854.12*	
40 05 19 00-3504	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,600.88	1,249.06
		For Class 52 Rating, Deduct	*-3,377.92*	
		For Class 54 Rating, Add	*4,628.97*	
		For Class 55 Rating, Add	*6,893.39*	
		For Class 56 Rating, Add	*9,127.10*	
40 05 19 00-3505	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,530.05	1,251.90
		For Class 52 Rating, Deduct	*-3,479.65*	
		For Class 54 Rating, Add	*4,767.74*	
		For Class 55 Rating, Add	*7,099.73*	
		For Class 56 Rating, Add	*9,400.08*	
40 05 19 00-3506	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,459.22	1,254.77
		For Class 52 Rating, Deduct	*-3,581.39*	
		For Class 54 Rating, Add	*4,906.52*	
		For Class 55 Rating, Add	*7,306.07*	
		For Class 56 Rating, Add	*9,673.07*	
40 05 19 00-3507	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,388.40	1,257.63
		For Class 52 Rating, Deduct	*-3,683.12*	
		For Class 54 Rating, Add	*5,045.30*	
		For Class 55 Rating, Add	*7,512.42*	
		For Class 56 Rating, Add	*9,946.05*	
40 05 19 00-3508	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,317.56	1,260.49
		For Class 52 Rating, Deduct	*-3,784.85*	
		For Class 54 Rating, Add	*5,184.08*	
		For Class 55 Rating, Add	*7,718.76*	
		For Class 56 Rating, Add	*10,219.03*	
40 05 19 00-3509	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,246.74	1,263.34
		For Class 52 Rating, Deduct	*-3,886.58*	
		For Class 54 Rating, Add	*5,322.86*	
		For Class 55 Rating, Add	*7,925.11*	
		For Class 56 Rating, Add	*10,492.02*	
40 05 19 00-3510	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,175.92	1,266.21
		For Class 52 Rating, Deduct	*-3,988.32*	
		For Class 54 Rating, Add	*5,461.64*	
		For Class 55 Rating, Add	*8,131.45*	
		For Class 56 Rating, Add	*10,765.00*	
40 05 19 00-3511	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,105.09	1,269.07
		For Class 52 Rating, Deduct	*-4,090.05*	
		For Class 54 Rating, Add	*5,600.41*	
		For Class 55 Rating, Add	*8,337.79*	
		For Class 56 Rating, Add	*11,037.99*	
40 05 19 00-3512	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,034.25	1,271.92
		For Class 52 Rating, Deduct	*-4,191.78*	
		For Class 54 Rating, Add	*5,739.19*	
		For Class 55 Rating, Add	*8,544.13*	
		For Class 56 Rating, Add	*11,310.97*	
40 05 19 00-3513	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,963.42	1,274.78
		For Class 52 Rating, Deduct	*-4,293.51*	
		For Class 54 Rating, Add	*5,877.97*	
		For Class 55 Rating, Add	*8,750.48*	
		For Class 56 Rating, Add	*11,583.96*	

40 05 19 00-3514 36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3515	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,709.81	1,492.01
		For Class 52 Rating, Deduct	*-1,039.41*	
		For Class 54 Rating, Add	*1,444.51*	
		For Class 55 Rating, Add	*2,161.43*	
		For Class 56 Rating, Add	*2,868.90*	
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,955.38	1,494.87
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,630.74*	
		For Class 55 Rating, Add	*2,438.32*	
		For Class 56 Rating, Add	*3,235.22*	
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,200.95	1,497.72
		For Class 52 Rating, Deduct	*-1,312.48*	
		For Class 54 Rating, Add	*1,816.98*	
		For Class 55 Rating, Add	*2,715.23*	
		For Class 56 Rating, Add	*3,601.54*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,446.51	1,500.59
		For Class 52 Rating, Deduct	*-1,449.02*	
		For Class 54 Rating, Add	*2,003.22*	
		For Class 55 Rating, Add	*2,992.12*	
		For Class 56 Rating, Add	*3,967.86*	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,692.07	1,503.44
		For Class 52 Rating, Deduct	*-1,585.55*	
		For Class 54 Rating, Add	*2,189.45*	
		For Class 55 Rating, Add	*3,269.02*	
		For Class 56 Rating, Add	*4,334.17*	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,937.64	1,506.29
		For Class 52 Rating, Deduct	*-1,722.09*	
		For Class 54 Rating, Add	*2,375.69*	
		For Class 55 Rating, Add	*3,545.92*	
		For Class 56 Rating, Add	*4,700.50*	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,183.20	1,509.15
		For Class 52 Rating, Deduct	*-1,858.63*	
		For Class 54 Rating, Add	*2,561.93*	
		For Class 55 Rating, Add	*3,822.82*	
		For Class 56 Rating, Add	*5,066.81*	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,428.77	1,512.02
		For Class 52 Rating, Deduct	*-1,995.16*	
		For Class 54 Rating, Add	*2,748.17*	
		For Class 55 Rating, Add	*4,099.72*	
		For Class 56 Rating, Add	*5,433.13*	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,674.33	1,514.88
		For Class 52 Rating, Deduct	*-2,131.70*	
		For Class 54 Rating, Add	*2,934.40*	
		For Class 55 Rating, Add	*4,376.62*	
		For Class 56 Rating, Add	*5,799.46*	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,919.89	1,517.73
		For Class 52 Rating, Deduct	*-2,268.23*	
		For Class 54 Rating, Add	*3,120.64*	
		For Class 55 Rating, Add	*4,653.52*	
		For Class 56 Rating, Add	*6,165.77*	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,165.47	1,520.59
		For Class 52 Rating, Deduct	*-2,404.77*	
		For Class 54 Rating, Add	*3,306.88*	
		For Class 55 Rating, Add	*4,930.42*	
		For Class 56 Rating, Add	*6,532.10*	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,411.03	1,523.46
		For Class 52 Rating, Deduct	*-2,541.30*	
		For Class 54 Rating, Add	*3,493.11*	
		For Class 55 Rating, Add	*5,207.32*	
		For Class 56 Rating, Add	*6,898.41*	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,656.58	1,526.30
		For Class 52 Rating, Deduct	*-2,677.84*	
		For Class 54 Rating, Add	*3,679.35*	
		For Class 55 Rating, Add	*5,484.21*	
		For Class 56 Rating, Add	*7,264.73*	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,902.15	1,529.16
		For Class 52 Rating, Deduct	*-2,814.38*	
		For Class 54 Rating, Add	*3,865.59*	
		For Class 55 Rating, Add	*5,761.11*	
		For Class 56 Rating, Add	*7,631.05*	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,147.72	1,532.02
		For Class 52 Rating, Deduct	*-2,950.91*	
		For Class 54 Rating, Add	*4,051.83*	
		For Class 55 Rating, Add	*6,038.01*	
		For Class 56 Rating, Add	*7,997.37*	
40 05 19 00-3530	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,393.29	1,534.88
		For Class 52 Rating, Deduct	*-3,087.45*	
		For Class 54 Rating, Add	*4,238.06*	
		For Class 55 Rating, Add	*6,314.91*	
		For Class 56 Rating, Add	*8,363.70*	
40 05 19 00-3531	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,638.84	1,537.74
		For Class 52 Rating, Deduct	*-3,223.98*	
		For Class 54 Rating, Add	*4,424.30*	
		For Class 55 Rating, Add	*6,591.81*	
		For Class 56 Rating, Add	*8,730.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3532	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,884.41	1,540.60
		For Class 52 Rating, Deduct	*-3,360.52*	
		For Class 54 Rating, Add	*4,610.54*	
		For Class 55 Rating, Add	*6,868.71*	
		For Class 56 Rating, Add	*9,096.33*	
40 05 19 00-3533	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,129.98	1,543.46
		For Class 52 Rating, Deduct	*-3,497.06*	
		For Class 54 Rating, Add	*4,796.77*	
		For Class 55 Rating, Add	*7,145.61*	
		For Class 56 Rating, Add	*9,462.65*	
40 05 19 00-3534	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,375.54	1,546.32
		For Class 52 Rating, Deduct	*-3,633.59*	
		For Class 54 Rating, Add	*4,983.01*	
		For Class 55 Rating, Add	*7,422.51*	
		For Class 56 Rating, Add	*9,828.97*	
40 05 19 00-3535	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,621.12	1,549.17
		For Class 52 Rating, Deduct	*-3,770.13*	
		For Class 54 Rating, Add	*5,169.25*	
		For Class 55 Rating, Add	*7,699.41*	
		For Class 56 Rating, Add	*10,195.30*	
40 05 19 00-3536	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,866.67	1,552.03
		For Class 52 Rating, Deduct	*-3,906.66*	
		For Class 54 Rating, Add	*5,355.49*	
		For Class 55 Rating, Add	*7,976.31*	
		For Class 56 Rating, Add	*10,561.61*	
40 05 19 00-3537	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,112.23	1,554.89
		For Class 52 Rating, Deduct	*-4,043.20*	
		For Class 54 Rating, Add	*5,541.72*	
		For Class 55 Rating, Add	*8,253.21*	
		For Class 56 Rating, Add	*10,927.93*	
40 05 19 00-3538	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,357.80	1,557.74
		For Class 52 Rating, Deduct	*-4,179.73*	
		For Class 54 Rating, Add	*5,727.96*	
		For Class 55 Rating, Add	*8,530.11*	
		For Class 56 Rating, Add	*11,294.25*	
40 05 19 00-3539	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,603.37	1,560.60
		For Class 52 Rating, Deduct	*-4,316.27*	
		For Class 54 Rating, Add	*5,914.20*	
		For Class 55 Rating, Add	*8,807.00*	
		For Class 56 Rating, Add	*11,660.57*	
40 05 19 00-3540	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,848.93	1,563.47
		For Class 52 Rating, Deduct	*-4,452.81*	
		For Class 54 Rating, Add	*6,100.43*	
		For Class 55 Rating, Add	*9,083.90*	
		For Class 56 Rating, Add	*12,026.89*	
40 05 19 00-3541	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,094.49	1,566.33
		For Class 52 Rating, Deduct	*-4,589.34*	
		For Class 54 Rating, Add	*6,286.67*	
		For Class 55 Rating, Add	*9,360.80*	
		For Class 56 Rating, Add	*12,393.21*	
40 05 19 00-3542	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,340.06	1,569.18
		For Class 52 Rating, Deduct	*-4,725.88*	
		For Class 54 Rating, Add	*6,472.91*	
		For Class 55 Rating, Add	*9,637.70*	
		For Class 56 Rating, Add	*12,759.53*	
40 05 19 00-3543	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,585.63	1,572.04
		For Class 52 Rating, Deduct	*-4,862.41*	
		For Class 54 Rating, Add	*6,659.15*	
		For Class 55 Rating, Add	*9,914.60*	
		For Class 56 Rating, Add	*13,125.85*	
40 05 19 00-3544	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,831.18	1,574.90
		For Class 52 Rating, Deduct	*-4,998.95*	
		For Class 54 Rating, Add	*6,845.38*	
		For Class 55 Rating, Add	*10,191.50*	
		For Class 56 Rating, Add	*13,492.17*	
40 05 19 00-3545	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,076.76	1,577.75
		For Class 52 Rating, Deduct	*-5,135.48*	
		For Class 54 Rating, Add	*7,031.62*	
		For Class 55 Rating, Add	*10,468.40*	
		For Class 56 Rating, Add	*13,858.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3546	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,322.32	1,580.61
		For Class 52 Rating, Deduct	*-5,272.02*	
		For Class 54 Rating, Add	*7,217.86*	
		For Class 55 Rating, Add	*10,745.30*	
		For Class 56 Rating, Add	*14,224.81*	
40 05 19 00-3547	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,567.88	1,583.47
		For Class 52 Rating, Deduct	*-5,408.55*	
		For Class 54 Rating, Add	*7,404.09*	
		For Class 55 Rating, Add	*11,022.20*	
		For Class 56 Rating, Add	*14,591.13*	
40 05 19 00-3548	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,813.45	1,586.33
		For Class 52 Rating, Deduct	*-5,545.09*	
		For Class 54 Rating, Add	*7,590.33*	
		For Class 55 Rating, Add	*11,299.10*	
		For Class 56 Rating, Add	*14,957.45*	
40 05 19 00-3549	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,059.01	1,589.18
		For Class 52 Rating, Deduct	*-5,681.63*	
		For Class 54 Rating, Add	*7,776.57*	
		For Class 55 Rating, Add	*11,576.00*	
		For Class 56 Rating, Add	*15,323.77*	

40 05 19 00-3550 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3551	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,517.48	1,880.73
		For Class 52 Rating, Deduct	*-1,393.47*	
		For Class 54 Rating, Add	*1,934.38*	
		For Class 55 Rating, Add	*2,893.33*	
		For Class 56 Rating, Add	*3,839.61*	
40 05 19 00-3552	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,353.24	1,883.58
		For Class 52 Rating, Deduct	*-1,594.93*	
		For Class 54 Rating, Add	*2,209.15*	
		For Class 55 Rating, Add	*3,301.84*	
		For Class 56 Rating, Add	*4,380.04*	
40 05 19 00-3553	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,173.78	1,886.44
		For Class 52 Rating, Deduct	*-1,794.71*	
		For Class 54 Rating, Add	*2,481.63*	
		For Class 55 Rating, Add	*3,706.96*	
		For Class 56 Rating, Add	*4,915.98*	
40 05 19 00-3554	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,012.59	1,889.31
		For Class 52 Rating, Deduct	*-1,996.50*	
		For Class 54 Rating, Add	*2,756.85*	
		For Class 55 Rating, Add	*4,116.15*	
		For Class 56 Rating, Add	*5,457.30*	
40 05 19 00-3555	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,839.22	1,892.17
		For Class 52 Rating, Deduct	*-2,196.95*	
		For Class 54 Rating, Add	*3,030.25*	
		For Class 55 Rating, Add	*4,522.63*	
		For Class 56 Rating, Add	*5,995.04*	
40 05 19 00-3556	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,684.10	1,895.02
		For Class 52 Rating, Deduct	*-2,399.41*	
		For Class 54 Rating, Add	*3,306.38*	
		For Class 55 Rating, Add	*4,933.18*	
		For Class 56 Rating, Add	*6,538.16*	
40 05 19 00-3557	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,510.74	1,897.87
		For Class 52 Rating, Deduct	*-2,599.87*	
		For Class 54 Rating, Add	*3,579.78*	
		For Class 55 Rating, Add	*5,339.65*	
		For Class 56 Rating, Add	*7,075.89*	
40 05 19 00-3558	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,358.67	1,900.74
		For Class 52 Rating, Deduct	*-2,802.66*	
		For Class 54 Rating, Add	*3,856.37*	
		For Class 55 Rating, Add	*5,750.88*	
		For Class 56 Rating, Add	*7,619.91*	
40 05 19 00-3559	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,188.33	1,903.60
		For Class 52 Rating, Deduct	*-3,003.45*	
		For Class 54 Rating, Add	*4,130.23*	
		For Class 55 Rating, Add	*6,158.04*	
		For Class 56 Rating, Add	*8,158.54*	
40 05 19 00-3560	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,039.31	1,906.45
		For Class 52 Rating, Deduct	*-3,206.58*	
		For Class 54 Rating, Add	*4,407.27*	
		For Class 55 Rating, Add	*6,569.94*	
		For Class 56 Rating, Add	*8,703.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3561	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,868.99	1,909.31
		For Class 52 Rating, Deduct	*-3,407.37*	
		For Class 54 Rating, Add	*4,681.13*	
		For Class 55 Rating, Add	*6,977.10*	
		For Class 56 Rating, Add	*9,242.09*	
40 05 19 00-3562	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,719.96	1,912.17
		For Class 52 Rating, Deduct	*-3,610.50*	
		For Class 54 Rating, Add	*4,958.18*	
		For Class 55 Rating, Add	*7,389.00*	
		For Class 56 Rating, Add	*9,787.01*	
40 05 19 00-3563	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,552.66	1,915.03
		For Class 52 Rating, Deduct	*-3,811.62*	
		For Class 54 Rating, Add	*5,232.49*	
		For Class 55 Rating, Add	*7,796.83*	
		For Class 56 Rating, Add	*10,326.53*	
40 05 19 00-3564	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,388.43	1,917.89
		For Class 52 Rating, Deduct	*-4,013.08*	
		For Class 54 Rating, Add	*5,507.25*	
		For Class 55 Rating, Add	*8,205.35*	
		For Class 56 Rating, Add	*10,866.96*	
40 05 19 00-3565	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,236.36	1,920.75
		For Class 52 Rating, Deduct	*-4,215.88*	
		For Class 54 Rating, Add	*5,783.84*	
		For Class 55 Rating, Add	*8,616.57*	
		For Class 56 Rating, Add	*11,410.98*	
40 05 19 00-3566	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,069.08	1,923.61
		For Class 52 Rating, Deduct	*-4,417.00*	
		For Class 54 Rating, Add	*6,058.15*	
		For Class 55 Rating, Add	*9,024.41*	
		For Class 56 Rating, Add	*11,950.51*	
40 05 19 00-3567	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,923.10	1,926.46
		For Class 52 Rating, Deduct	*-4,620.46*	
		For Class 54 Rating, Add	*6,335.66*	
		For Class 55 Rating, Add	*9,436.99*	
		For Class 56 Rating, Add	*12,496.32*	
40 05 19 00-3568	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,758.85	1,929.32
		For Class 52 Rating, Deduct	*-4,821.92*	
		For Class 54 Rating, Add	*6,610.42*	
		For Class 55 Rating, Add	*9,845.50*	
		For Class 56 Rating, Add	*13,036.75*	
40 05 19 00-3569	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,609.82	1,932.18
		For Class 52 Rating, Deduct	*-5,025.05*	
		For Class 54 Rating, Add	*6,887.47*	
		For Class 55 Rating, Add	*10,257.41*	
		For Class 56 Rating, Add	*13,581.66*	
40 05 19 00-3570	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,445.58	1,935.03
		For Class 52 Rating, Deduct	*-5,226.51*	
		For Class 54 Rating, Add	*7,162.24*	
		For Class 55 Rating, Add	*10,665.92*	
		For Class 56 Rating, Add	*14,122.09*	
40 05 19 00-3571	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,299.60	1,937.89
		For Class 52 Rating, Deduct	*-5,429.97*	
		For Class 54 Rating, Add	*7,439.74*	
		For Class 55 Rating, Add	*11,078.51*	
		For Class 56 Rating, Add	*14,667.90*	
40 05 19 00-3572	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,135.34	1,940.76
		For Class 52 Rating, Deduct	*-5,631.43*	
		For Class 54 Rating, Add	*7,714.51*	
		For Class 55 Rating, Add	*11,487.02*	
		For Class 56 Rating, Add	*15,208.33*	
40 05 19 00-3573	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,989.36	1,943.62
		For Class 52 Rating, Deduct	*-5,834.90*	
		For Class 54 Rating, Add	*7,992.01*	
		For Class 55 Rating, Add	*11,899.60*	
		For Class 56 Rating, Add	*15,754.14*	
40 05 19 00-3574	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,822.08	1,946.46
		For Class 52 Rating, Deduct	*-6,036.02*	
		For Class 54 Rating, Add	*8,266.32*	
		For Class 55 Rating, Add	*12,307.43*	
		For Class 56 Rating, Add	*16,293.67*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3575	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,679.14	1,949.32
		For Class 52 Rating, Deduct	*-6,239.82*	
		For Class 54 Rating, Add	*8,544.28*	
		For Class 55 Rating, Add	*12,720.70*	
		For Class 56 Rating, Add	*16,840.38*	
40 05 19 00-3576	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,514.89	1,952.19
		For Class 52 Rating, Deduct	*-6,441.27*	
		For Class 54 Rating, Add	*8,819.05*	
		For Class 55 Rating, Add	*13,129.21*	
		For Class 56 Rating, Add	*17,380.81*	
40 05 19 00-3577	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,365.87	1,955.04
		For Class 52 Rating, Deduct	*-6,644.40*	
		For Class 54 Rating, Add	*9,096.10*	
		For Class 55 Rating, Add	*13,541.11*	
		For Class 56 Rating, Add	*17,925.72*	
40 05 19 00-3578	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,204.67	1,957.90
		For Class 52 Rating, Deduct	*-6,846.20*	
		For Class 54 Rating, Add	*9,371.32*	
		For Class 55 Rating, Add	*13,950.30*	
		For Class 56 Rating, Add	*18,467.05*	
40 05 19 00-3579	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,681.44	1,960.76
		For Class 52 Rating, Deduct	*-7,008.16*	
		For Class 54 Rating, Add	*9,592.24*	
		For Class 55 Rating, Add	*14,278.76*	
		For Class 56 Rating, Add	*18,901.57*	
40 05 19 00-3580	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,894.44	1,963.62
		For Class 52 Rating, Deduct	*-7,251.12*	
		For Class 54 Rating, Add	*9,923.59*	
		For Class 55 Rating, Add	*14,771.40*	
		For Class 56 Rating, Add	*19,553.29*	
40 05 19 00-3581	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,727.15	1,966.48
		For Class 52 Rating, Deduct	*-7,452.24*	
		For Class 54 Rating, Add	*10,197.90*	
		For Class 55 Rating, Add	*15,179.23*	
		For Class 56 Rating, Add	*20,092.82*	
40 05 19 00-3582	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,581.16	1,969.34
		For Class 52 Rating, Deduct	*-7,655.71*	
		For Class 54 Rating, Add	*10,475.40*	
		For Class 55 Rating, Add	*15,591.81*	
		For Class 56 Rating, Add	*20,638.63*	
40 05 19 00-3583	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,416.93	1,972.20
		For Class 52 Rating, Deduct	*-7,857.16*	
		For Class 54 Rating, Add	*10,750.17*	
		For Class 55 Rating, Add	*16,000.33*	
		For Class 56 Rating, Add	*21,179.06*	
40 05 19 00-3584	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,273.99	1,975.05
		For Class 52 Rating, Deduct	*-8,060.96*	
		For Class 54 Rating, Add	*11,028.13*	
		For Class 55 Rating, Add	*16,413.59*	
		For Class 56 Rating, Add	*21,725.77*	
40 05 19 00-3585	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,106.69	1,977.90
		For Class 52 Rating, Deduct	*-8,262.08*	
		For Class 54 Rating, Add	*11,302.44*	
		For Class 55 Rating, Add	*16,821.42*	
		For Class 56 Rating, Add	*22,265.29*	

40 05 19 00-3586 48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3587	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,055.21	2,363.77
		For Class 52 Rating, Deduct	*-1,812.11*	
		For Class 54 Rating, Add	*2,514.04*	
		For Class 55 Rating, Add	*3,759.60*	
		For Class 56 Rating, Add	*4,988.68*	
40 05 19 00-3588	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,694.11	2,366.63
		For Class 52 Rating, Deduct	*-2,101.91*	
		For Class 54 Rating, Add	*2,909.28*	
		For Class 55 Rating, Add	*4,347.21*	
		For Class 56 Rating, Add	*5,766.04*	
40 05 19 00-3589	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,342.16	2,369.50
		For Class 52 Rating, Deduct	*-2,392.72*	
		For Class 54 Rating, Add	*3,305.88*	
		For Class 55 Rating, Add	*4,936.86*	
		For Class 56 Rating, Add	*6,546.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3590	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,017.57	2,372.35
		For Class 52 Rating, Deduct	*-2,686.54*	
		For Class 54 Rating, Add	*3,706.60*	
		For Class 55 Rating, Add	*5,532.62*	
		For Class 56 Rating, Add	*7,334.22*	
40 05 19 00-3591	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,686.90	2,375.20
		For Class 52 Rating, Deduct	*-2,979.69*	
		For Class 54 Rating, Add	*4,106.40*	
		For Class 55 Rating, Add	*6,127.02*	
		For Class 56 Rating, Add	*8,120.55*	
40 05 19 00-3592	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,359.28	2,378.06
		For Class 52 Rating, Deduct	*-3,273.18*	
		For Class 54 Rating, Add	*4,506.66*	
		For Class 55 Rating, Add	*6,722.10*	
		For Class 56 Rating, Add	*8,907.78*	
40 05 19 00-3593	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,049.91	2,380.93
		For Class 52 Rating, Deduct	*-3,568.67*	
		For Class 54 Rating, Add	*4,909.66*	
		For Class 55 Rating, Add	*7,321.25*	
		For Class 56 Rating, Add	*9,700.39*	
40 05 19 00-3594	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,734.45	2,383.78
		For Class 52 Rating, Deduct	*-3,863.49*	
		For Class 54 Rating, Add	*5,311.74*	
		For Class 55 Rating, Add	*7,919.04*	
		For Class 56 Rating, Add	*10,491.21*	
40 05 19 00-3595	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,412.92	2,386.64
		For Class 52 Rating, Deduct	*-4,157.65*	
		For Class 54 Rating, Add	*5,712.91*	
		For Class 55 Rating, Add	*8,515.47*	
		For Class 56 Rating, Add	*11,280.23*	
40 05 19 00-3596	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,115.71	2,389.50
		For Class 52 Rating, Deduct	*-4,454.48*	
		For Class 54 Rating, Add	*6,117.73*	
		For Class 55 Rating, Add	*9,117.33*	
		For Class 56 Rating, Add	*12,076.44*	
40 05 19 00-3597	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,806.33	2,392.37
		For Class 52 Rating, Deduct	*-4,749.97*	
		For Class 54 Rating, Add	*6,520.73*	
		For Class 55 Rating, Add	*9,716.48*	
		For Class 56 Rating, Add	*12,869.05*	
40 05 19 00-3598	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,512.17	2,395.21
		For Class 52 Rating, Deduct	*-5,047.14*	
		For Class 54 Rating, Add	*6,926.01*	
		For Class 55 Rating, Add	*10,319.02*	
		For Class 56 Rating, Add	*13,666.15*	
40 05 19 00-3599	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,199.77	2,398.07
		For Class 52 Rating, Deduct	*-5,342.30*	
		For Class 54 Rating, Add	*7,328.55*	
		For Class 55 Rating, Add	*10,917.49*	
		For Class 56 Rating, Add	*14,457.87*	
40 05 19 00-3600	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,893.43	2,400.93
		For Class 52 Rating, Deduct	*-5,638.12*	
		For Class 54 Rating, Add	*7,732.00*	
		For Class 55 Rating, Add	*11,517.32*	
		For Class 56 Rating, Add	*15,251.38*	
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,602.31	2,403.79
		For Class 52 Rating, Deduct	*-5,935.62*	
		For Class 54 Rating, Add	*8,137.74*	
		For Class 55 Rating, Add	*12,120.54*	
		For Class 56 Rating, Add	*16,049.38*	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,295.99	2,406.65
		For Class 52 Rating, Deduct	*-6,231.45*	
		For Class 54 Rating, Add	*8,541.19*	
		For Class 55 Rating, Add	*12,720.36*	
		For Class 56 Rating, Add	*16,842.89*	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,989.66	2,409.51
		For Class 52 Rating, Deduct	*-6,527.28*	
		For Class 54 Rating, Add	*8,944.64*	
		For Class 55 Rating, Add	*13,320.19*	
		For Class 56 Rating, Add	*17,636.40*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,701.58	2,412.37
		For Class 52 Rating, Deduct	*-6,825.11*	
		For Class 54 Rating, Add	*9,350.83*	
		For Class 55 Rating, Add	*13,924.09*	
		For Class 56 Rating, Add	*18,435.30*	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,398.30	2,415.22
		For Class 52 Rating, Deduct	*-7,121.28*	
		For Class 54 Rating, Add	*9,754.74*	
		For Class 55 Rating, Add	*14,524.59*	
		For Class 56 Rating, Add	*19,229.71*	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,091.97	2,418.08
		For Class 52 Rating, Deduct	*-7,417.10*	
		For Class 54 Rating, Add	*10,158.20*	
		For Class 55 Rating, Add	*15,124.42*	
		For Class 56 Rating, Add	*20,023.22*	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,809.98	2,420.94
		For Class 52 Rating, Deduct	*-7,715.61*	
		For Class 54 Rating, Add	*10,565.30*	
		For Class 55 Rating, Add	*15,729.68*	
		For Class 56 Rating, Add	*20,823.91*	
40 05 19 00-3608	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,509.73	2,423.80
		For Class 52 Rating, Deduct	*-8,012.10*	
		For Class 54 Rating, Add	*10,969.67*	
		For Class 55 Rating, Add	*16,330.86*	
		For Class 56 Rating, Add	*21,619.21*	
40 05 19 00-3609	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,206.44	2,426.65
		For Class 52 Rating, Deduct	*-8,308.27*	
		For Class 54 Rating, Add	*11,373.57*	
		For Class 55 Rating, Add	*16,931.36*	
		For Class 56 Rating, Add	*22,413.62*	
40 05 19 00-3610	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,921.41	2,429.51
		For Class 52 Rating, Deduct	*-8,606.44*	
		For Class 54 Rating, Add	*11,780.22*	
		For Class 55 Rating, Add	*17,535.94*	
		For Class 56 Rating, Add	*23,213.42*	
40 05 19 00-3611	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,621.16	2,432.38
		For Class 52 Rating, Deduct	*-8,902.93*	
		For Class 54 Rating, Add	*12,184.59*	
		For Class 55 Rating, Add	*18,137.12*	
		For Class 56 Rating, Add	*24,008.72*	
40 05 19 00-3612	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,317.89	2,435.23
		For Class 52 Rating, Deduct	*-9,199.10*	
		For Class 54 Rating, Add	*12,588.50*	
		For Class 55 Rating, Add	*18,737.63*	
		For Class 56 Rating, Add	*24,803.13*	
40 05 19 00-3613	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,035.88	2,438.09
		For Class 52 Rating, Deduct	*-9,497.60*	
		For Class 54 Rating, Add	*12,995.60*	
		For Class 55 Rating, Add	*19,342.88*	
		For Class 56 Rating, Add	*25,603.82*	
40 05 19 00-3614	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	92,735.64	2,440.95
		For Class 52 Rating, Deduct	*-9,794.10*	
		For Class 54 Rating, Add	*13,399.97*	
		For Class 55 Rating, Add	*19,944.07*	
		For Class 56 Rating, Add	*26,399.13*	
40 05 19 00-3615	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	95,115.97	2,443.81
		For Class 52 Rating, Deduct	*-10,055.46*	
		For Class 54 Rating, Add	*13,756.42*	
		For Class 55 Rating, Add	*20,474.02*	
		For Class 56 Rating, Add	*27,100.20*	
40 05 19 00-3616	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,156.45	2,446.66
		For Class 52 Rating, Deduct	*-10,389.43*	
		For Class 54 Rating, Add	*14,211.89*	
		For Class 55 Rating, Add	*21,151.18*	
		For Class 56 Rating, Add	*27,996.02*	
40 05 19 00-3617	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	100,853.16	2,449.52
		For Class 52 Rating, Deduct	*-10,685.59*	
		For Class 54 Rating, Add	*14,615.80*	
		For Class 55 Rating, Add	*21,751.69*	
		For Class 56 Rating, Add	*28,790.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3618	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	103,577.26	2,452.38
		For Class 52 Rating, Deduct	*-10,984.77*	
		For Class 54 Rating, Add	*15,023.82*	
		For Class 55 Rating, Add	*22,358.30*	
		For Class 56 Rating, Add	*29,592.92*	
40 05 19 00-3619	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	106,273.97	2,455.23
		For Class 52 Rating, Deduct	*-11,280.93*	
		For Class 54 Rating, Add	*15,427.73*	
		For Class 55 Rating, Add	*22,958.80*	
		For Class 56 Rating, Add	*30,387.33*	
40 05 19 00-3620	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	108,970.68	2,458.10
		For Class 52 Rating, Deduct	*-11,577.09*	
		For Class 54 Rating, Add	*15,831.64*	
		For Class 55 Rating, Add	*23,559.31*	
		For Class 56 Rating, Add	*31,181.73*	
40 05 19 00-3621	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	111,694.78	2,460.96
		For Class 52 Rating, Deduct	*-11,876.27*	
		For Class 54 Rating, Add	*16,239.65*	
		For Class 55 Rating, Add	*24,165.92*	
		For Class 56 Rating, Add	*31,984.22*	

40 05 19 00-3622 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3623	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	808.55	137.90
40 05 19 00-3624	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,185.92	176.34
40 05 19 00-3625	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,696.71	199.75
40 05 19 00-3626	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,426.07	253.23
40 05 19 00-3627	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,025.49	280.81
40 05 19 00-3628	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,713.90	305.05
40 05 19 00-3629	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,560.56	376.09
40 05 19 00-3630	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,722.59	451.31
40 05 19 00-3631	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,993.29	568.31
40 05 19 00-3632	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	10,421.10	643.52
40 05 19 00-3633	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	16,184.62	852.46
40 05 19 00-3634	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	24,024.62	965.29
40 05 19 00-3635	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	41,046.36	1,103.19
40 05 19 00-3636	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	54,308.77	1,353.91

40 05 19 00-3637 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3638	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	769.92	137.90
40 05 19 00-3639	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,122.10	176.34
40 05 19 00-3640	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,538.83	199.75
40 05 19 00-3641	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,201.01	253.23
40 05 19 00-3642	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,734.92	280.81
40 05 19 00-3643	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,188.18	305.05
40 05 19 00-3644	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,918.95	376.09
40 05 19 00-3645	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,990.28	451.31
40 05 19 00-3646	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	6,276.10	568.31
40 05 19 00-3647	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,249.38	643.52
40 05 19 00-3648	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	15,799.99	852.46
40 05 19 00-3649	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	23,510.66	965.29
40 05 19 00-3650	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	35,574.23	1,103.19
40 05 19 00-3651	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	48,116.09	1,353.91

40 05 19 00-3652 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3653	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	768.24	137.90
40 05 19 00-3654	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,100.26	176.34
40 05 19 00-3655	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,525.39	199.75
40 05 19 00-3656	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,148.94	253.23
40 05 19 00-3657	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,850.81	280.81
40 05 19 00-3658	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,542.58	305.05
40 05 19 00-3659	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,999.57	376.09
40 05 19 00-3660	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,087.70	451.31
40 05 19 00-3661	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	6,694.32	568.31
40 05 19 00-3662	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,215.15	643.52
40 05 19 00-3663	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	15,971.31	852.46
40 05 19 00-3664	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	23,902.01	965.29
40 05 19 00-3665	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	36,355.24	1,103.19
40 05 19 00-3666	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	49,137.29	1,353.91

40 05 19 00-3667 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3668	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	833.74	137.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3669	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,222.87	176.34
40 05 19 00-3670	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,575.78	199.75
40 05 19 00-3671	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,328.66	253.23
40 05 19 00-3672	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,185.05	280.81
40 05 19 00-3673	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,628.24	305.05
40 05 19 00-3674	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,360.69	376.09
40 05 19 00-3675	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,087.70	451.31
40 05 19 00-3676	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	6,694.32	568.31
40 05 19 00-3677	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,557.79	643.52
40 05 19 00-3678	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	16,139.27	852.46
40 05 19 00-3679	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	24,073.33	965.29
40 05 19 00-3680	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	36,534.96	1,103.19
40 05 19 00-3681	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	49,500.08	1,353.91

40 05 19 00-3682 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3683	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,155.12	157.12
40 05 19 00-3684	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,491.98	168.82
40 05 19 00-3685	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,620.19	188.04
40 05 19 00-3686	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,229.53	195.56
40 05 19 00-3687	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,270.42	214.79
40 05 19 00-3688	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,437.62	226.49
40 05 19 00-3689	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,663.13	228.99
40 05 19 00-3690	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,974.78	240.69
40 05 19 00-3691	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,114.40	267.44
40 05 19 00-3692	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,102.43	240.69
40 05 19 00-3693	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,365.39	252.40
40 05 19 00-3694	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,647.77	279.14
40 05 19 00-3695	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,964.91	293.34
40 05 19 00-3696	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,571.11	276.21
40 05 19 00-3697	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,785.35	287.92
40 05 19 00-3698	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,215.55	314.66
40 05 19 00-3699	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,533.73	328.45
40 05 19 00-3700	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,793.95	340.57
40 05 19 00-3701	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,147.10	313.82
40 05 19 00-3702	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,803.06	325.53
40 05 19 00-3703	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,888.94	352.27
40 05 19 00-3704	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,106.35	366.05
40 05 19 00-3705	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,467.35	378.18
40 05 19 00-3706	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,860.44	413.70
40 05 19 00-3707	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,186.39	372.33
40 05 19 00-3708	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,469.50	384.03
40 05 19 00-3709	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,563.13	410.77
40 05 19 00-3710	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,762.05	424.55
40 05 19 00-3711	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,369.95	436.68
40 05 19 00-3712	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,181.91	472.20
40 05 19 00-3713	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,552.98	509.81
40 05 19 00-3714	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,179.95	409.94
40 05 19 00-3715	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,458.02	421.63
40 05 19 00-3716	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,921.80	448.38
40 05 19 00-3717	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,258.46	462.17
40 05 19 00-3718	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,908.34	474.29
40 05 19 00-3719	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,489.55	509.81
40 05 19 00-3720	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,650.68	547.41
40 05 19 00-3721	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,113.46	541.36
40 05 19 00-3722	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,209.28	566.63
40 05 19 00-3723	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,906.20	578.76
40 05 19 00-3724	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,614.42	614.28
40 05 19 00-3725	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,456.82	651.88
40 05 19 00-3726	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,037.75	710.38
40 05 19 00-3727	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,552.62	747.99
40 05 19 00-3728	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,290.14	766.80
40 05 19 00-3729	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,261.87	804.40
40 05 19 00-3730	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,380.88	908.88
40 05 19 00-3731	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,588.10	835.75
40 05 19 00-3732	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,352.20	873.36
40 05 19 00-3733	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,315.65	977.83
40 05 19 00-3734	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	46,141.92	1,034.24
40 05 19 00-3735	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	44,133.77	1,009.16
40 05 19 00-3736	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	47,973.74	1,113.63
40 05 19 00-3737	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	49,344.10	1,170.04
40 05 19 00-3738	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	61,229.29	1,238.99

40 05 19 00-3739 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3740	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	951.31	137.90
40 05 19 00-3741	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,498.33	176.34
40 05 19 00-3742	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,227.46	199.75
40 05 19 00-3743	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,111.35	253.23
40 05 19 00-3744	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,355.73	280.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3745	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,107.96	305.05
40 05 19 00-3746	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,510.58	376.09
40 05 19 00-3747	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,969.89	451.31
40 05 19 00-3748	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	10,643.06	568.31
40 05 19 00-3749	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,530.44	643.52
40 05 19 00-3750	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	26,908.87	852.46
40 05 19 00-3751	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	40,758.47	965.29
40 05 19 00-3752	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	62,813.98	1,103.19

40 05 19 00-3753 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3754	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	2,000.45	157.12
40 05 19 00-3755	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,382.73	168.82
40 05 19 00-3756	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,189.77	188.04
40 05 19 00-3757	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,574.43	195.56
40 05 19 00-3758	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,950.37	214.79
40 05 19 00-3759	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	4,086.23	226.49
40 05 19 00-3760	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,281.02	228.99
40 05 19 00-3761	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,349.23	240.69
40 05 19 00-3762	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,389.76	267.44
40 05 19 00-3763	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,512.08	252.40
40 05 19 00-3764	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	12,118.01	279.14
40 05 19 00-3765	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	11,847.18	293.34
40 05 19 00-3766	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,629.63	287.92
40 05 19 00-3767	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,524.64	314.66
40 05 19 00-3768	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,482.42	328.45
40 05 19 00-3769	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,369.44	340.57
40 05 19 00-3770	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,294.13	366.05
40 05 19 00-3771	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,396.06	378.18
40 05 19 00-3772	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	17,533.46	413.70
40 05 19 00-3773	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,632.12	436.68
40 05 19 00-3774	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	24,091.92	472.20
40 05 19 00-3775	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,554.87	509.81
40 05 19 00-3776	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	35,920.11	474.29
40 05 19 00-3777	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,702.29	509.81
40 05 19 00-3778	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,487.64	547.41
40 05 19 00-3779	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	29,372.83	541.36

40 05 19 00-3780 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-2073)*

40 05 19 00-3781	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	998.34	137.90
40 05 19 00-3782	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,405.95	176.34
40 05 19 00-3783	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,289.61	199.75
40 05 19 00-3784	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,064.32	253.23
40 05 19 00-3785	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,098.76	280.81
40 05 19 00-3786	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,861.06	305.05
40 05 19 00-3787	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,924.39	376.09
40 05 19 00-3788	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,338.37	451.31
40 05 19 00-3789	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,482.46	568.31
40 05 19 00-3790	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	13,320.09	643.52
40 05 19 00-3791	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	21,495.52	852.46
40 05 19 00-3792	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	30,612.01	965.29
40 05 19 00-3793	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	53,923.86	1,103.19
40 05 19 00-3794	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	60,501.46	1,353.91

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3795		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees** *(40 05 19 00-2073)*		
40 05 19 00-3796	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,224.07	221.47
40 05 19 00-3797	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,585.17	272.45
40 05 19 00-3798	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,295.05	304.21
40 05 19 00-3799	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	3,247.68	395.31
40 05 19 00-3800	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	4,348.52	431.24
40 05 19 00-3801	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,833.96	463.83
40 05 19 00-3802	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	6,301.43	585.02
40 05 19 00-3803	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	7,828.84	668.60
40 05 19 00-3804	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	9,848.27	844.10
40 05 19 00-3805	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	14,527.90	931.86
40 05 19 00-3806	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	23,890.68	1,287.05
40 05 19 00-3807	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	33,794.67	1,475.09
40 05 19 00-3808	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	72,325.24	1,704.93
40 05 19 00-3809		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-2073)*		
40 05 19 00-3810	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,632.84	247.38
40 05 19 00-3811	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,120.81	252.40
40 05 19 00-3812	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,084.95	284.16
40 05 19 00-3813	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,828.13	279.14
40 05 19 00-3814	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,753.63	310.90
40 05 19 00-3815	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,869.69	330.96
40 05 19 00-3816	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,613.88	293.34
40 05 19 00-3817	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,567.93	325.10
40 05 19 00-3818	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,722.61	345.16
40 05 19 00-3819	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,292.08	409.51
40 05 19 00-3820	EA	14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,181.87	305.05
40 05 19 00-3821	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,055.31	336.81
40 05 19 00-3822	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,233.50	356.86
40 05 19 00-3823	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,428.43	421.22
40 05 19 00-3824	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,707.21	443.37
40 05 19 00-3825	EA	16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,255.20	340.57
40 05 19 00-3826	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,256.93	372.33
40 05 19 00-3827	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,376.34	392.38
40 05 19 00-3828	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,491.68	456.74
40 05 19 00-3829	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,806.37	478.88
40 05 19 00-3830	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,940.89	499.35
40 05 19 00-3831	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,871.54	409.94
40 05 19 00-3832	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,918.09	429.99
40 05 19 00-3833	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,866.10	494.35
40 05 19 00-3834	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,484.80	516.50
40 05 19 00-3835	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,002.28	536.96
40 05 19 00-3836	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,426.00	622.63
40 05 19 00-3837	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,385.53	468.44
40 05 19 00-3838	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,520.05	488.50
40 05 19 00-3839	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,777.12	552.85
40 05 19 00-3840	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,074.37	575.00
40 05 19 00-3841	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,157.46	595.47
40 05 19 00-3842	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,814.01	681.13
40 05 19 00-3843	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,987.79	727.10
40 05 19 00-3844	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,692.12	506.04
40 05 19 00-3845	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,068.52	526.11
40 05 19 00-3846	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,359.18	590.45
40 05 19 00-3847	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,484.47	612.60
40 05 19 00-3848	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,725.45	633.08
40 05 19 00-3849	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,994.64	718.74
40 05 19 00-3850	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,502.43	764.71
40 05 19 00-3851	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,954.77	817.16
40 05 19 00-3852	EA	30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,214.18	610.52
40 05 19 00-3853	EA	30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,300.00	630.57
40 05 19 00-3854	EA	30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,736.78	694.93
40 05 19 00-3855	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,770.34	717.07
40 05 19 00-3856	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,801.36	737.54
40 05 19 00-3857	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,931.16	823.21
40 05 19 00-3858	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	20,560.12	869.18
40 05 19 00-3859	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	21,555.35	986.18
40 05 19 00-3860	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,283.82	1,036.33
40 05 19 00-3861	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,599.56	873.77
40 05 19 00-3862	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,848.69	889.66
40 05 19 00-3863	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,973.13	935.20
40 05 19 00-3864	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,170.00	953.16
40 05 19 00-3865	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,251.78	969.46
40 05 19 00-3866	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,454.45	1,030.06
40 05 19 00-3867	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,576.55	1,071.85
40 05 19 00-3868	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,932.89	1,159.60
40 05 19 00-3869	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	29,509.97	1,203.47
40 05 19 00-3870	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	38,173.70	1,381.07
40 05 19 00-3871	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,973.12	842.43
40 05 19 00-3872	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,066.29	862.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3873	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,313.66	948.57
40 05 19 00-3874	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,443.76	994.54
40 05 19 00-3875	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,861.23	1,111.54
40 05 19 00-3876	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	43,419.25	1,161.69
40 05 19 00-3877	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	54,382.29	1,412.41
40 05 19 00-3878	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	69,434.44	1,544.04
40 05 19 00-3879	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,386.63	978.24
40 05 19 00-3880	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,417.65	998.72
40 05 19 00-3881	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,725.48	1,084.38
40 05 19 00-3882	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,795.13	1,130.35
40 05 19 00-3883	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,212.58	1,247.35
40 05 19 00-3884	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,711.82	1,297.49
40 05 19 00-3885	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	58,933.19	1,548.22
40 05 19 00-3886		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base** *(40 05 19 00-2073)*		
40 05 19 00-3887	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,321.49	221.47
40 05 19 00-3888	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,869.02	272.45
40 05 19 00-3889	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,775.42	304.21
40 05 19 00-3890	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,158.02	395.31
40 05 19 00-3891	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,611.58	431.24
40 05 19 00-3892	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,326.08	463.83
40 05 19 00-3893	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	7,752.60	585.02
40 05 19 00-3894	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	9,372.39	668.60
40 05 19 00-3895	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	12,322.32	844.10
40 05 19 00-3896	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	17,756.09	931.86
40 05 19 00-3897	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	29,426.65	1,287.05
40 05 19 00-3898	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	41,923.94	1,475.09
40 05 19 00-3899		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-2073)*		
40 05 19 00-3900	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,077.94	221.47
40 05 19 00-3901	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,573.41	272.45
40 05 19 00-3902	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,333.68	304.21
40 05 19 00-3903	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	3,076.36	395.31
40 05 19 00-3904	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,660.93	431.24
40 05 19 00-3905	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	6,247.14	463.83
40 05 19 00-3906		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-2073)*		
40 05 19 00-3907	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,384.29	305.05
40 05 19 00-3908	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,953.66	330.53
40 05 19 00-3909	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,028.08	368.57
40 05 19 00-3910	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,527.92	335.97
40 05 19 00-3911	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,695.82	380.27
40 05 19 00-3912	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,753.99	408.68
40 05 19 00-3913	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,325.95	362.72
40 05 19 00-3914	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,589.57	407.01
40 05 19 00-3915	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,877.84	435.42
40 05 19 00-3916	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,665.54	537.39
40 05 19 00-3917	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,354.60	376.51
40 05 19 00-3918	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,519.13	420.79
40 05 19 00-3919	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,807.40	449.22
40 05 19 00-3920	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,645.48	551.17
40 05 19 00-3921	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,291.97	581.68
40 05 19 00-3922	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,446.16	432.92
40 05 19 00-3923	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,734.43	461.33
40 05 19 00-3924	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,228.19	563.29
40 05 19 00-3925	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,717.82	593.80
40 05 19 00-3926	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,003.38	622.63
40 05 19 00-3927	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,502.70	468.44
40 05 19 00-3928	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,838.00	496.85
40 05 19 00-3929	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,333.44	598.81
40 05 19 00-3930	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,870.10	629.32
40 05 19 00-3931	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,801.02	658.15
40 05 19 00-3932	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,707.42	793.96
40 05 19 00-3933	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,833.45	506.04
40 05 19 00-3934	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,168.76	534.46
40 05 19 00-3935	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,566.79	636.43
40 05 19 00-3936	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,103.45	666.93
40 05 19 00-3937	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,220.40	695.76
40 05 19 00-3938	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,867.90	831.57
40 05 19 00-3939	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,240.78	885.89
40 05 19 00-3940	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,794.84	564.54
40 05 19 00-3941	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,153.65	592.96
40 05 19 00-3942	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,518.09	694.93
40 05 19 00-3943	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,090.04	725.43
40 05 19 00-3944	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,241.21	754.26
40 05 19 00-3945	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,235.77	890.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3946	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,632.15	944.40
40 05 19 00-3947	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,635.42	1,119.90
40 05 19 00-3948	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,626.53	602.15
40 05 19 00-3949	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,882.89	630.57
40 05 19 00-3950	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,403.52	732.53
40 05 19 00-3951	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,765.51	763.04
40 05 19 00-3952	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,967.08	791.87
40 05 19 00-3953	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,540.68	927.68
40 05 19 00-3954	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,360.10	982.00
40 05 19 00-3955	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,210.12	1,092.95
40 05 19 00-3956	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,875.92	1,220.19
40 05 19 00-3957	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,843.11	867.51
40 05 19 00-3958	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,942.22	896.34
40 05 19 00-3959	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,541.02	1,032.15
40 05 19 00-3960	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,739.22	1,086.47
40 05 19 00-3961	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	22,623.24	1,261.97
40 05 19 00-3962	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,201.46	1,324.66
40 05 19 00-3963	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	32,676.74	1,721.63
40 05 19 00-3964	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,183.97	1,103.61
40 05 19 00-3965	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,221.33	1,128.26
40 05 19 00-3966	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,731.75	1,238.99
40 05 19 00-3967	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,918.58	1,289.14
40 05 19 00-3968	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,647.42	1,435.40
40 05 19 00-3969	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	31,634.83	1,491.81
40 05 19 00-3970	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,214.88	1,815.66
40 05 19 00-3971	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	46,080.76	1,984.90
40 05 19 00-3972	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,468.35	1,157.51
40 05 19 00-3973	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,612.80	1,211.83
40 05 19 00-3974	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,453.14	1,387.34
40 05 19 00-3975	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	45,505.49	1,450.02
40 05 19 00-3976	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,606.56	1,847.00
40 05 19 00-3977	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	79,767.15	2,053.85
40 05 19 00-3978	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	59,199.21	1,523.15
40 05 19 00-3979	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	60,251.55	1,585.83
40 05 19 00-3980	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	62,576.30	1,982.81

40 05 19 00-3981 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-2073)*

40 05 19 00-3982	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	988.84	157.12
40 05 19 00-3983	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,317.30	168.82
40 05 19 00-3984	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,400.16	188.04
40 05 19 00-3985	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,757.56	195.56
40 05 19 00-3986	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,749.74	214.79
40 05 19 00-3987	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,965.65	226.49
40 05 19 00-3988	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,244.34	209.77
40 05 19 00-3989	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,278.50	228.99
40 05 19 00-3990	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,438.99	240.69
40 05 19 00-3991	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,650.84	267.44
40 05 19 00-3992	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,761.47	240.69
40 05 19 00-3993	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,975.72	252.40
40 05 19 00-3994	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,184.20	279.14
40 05 19 00-3995	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,091.52	293.34
40 05 19 00-3996	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,280.54	276.21
40 05 19 00-3997	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,126.95	287.92
40 05 19 00-3998	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,377.43	314.66
40 05 19 00-3999	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,781.27	328.45
40 05 19 00-4000	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,254.80	340.57
40 05 19 00-4001	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,969.98	325.53
40 05 19 00-4002	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,255.73	352.27
40 05 19 00-4003	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,214.48	366.05
40 05 19 00-4004	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,733.37	378.18
40 05 19 00-4005	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,684.72	413.70
40 05 19 00-4006	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,837.97	384.03
40 05 19 00-4007	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,140.50	410.77
40 05 19 00-4008	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,016.95	424.55
40 05 19 00-4009	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,655.08	436.68
40 05 19 00-4010	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,317.55	472.20
40 05 19 00-4011	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,347.02	509.81
40 05 19 00-4012	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,011.45	448.38
40 05 19 00-4013	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,578.22	462.17
40 05 19 00-4014	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,737.66	474.29
40 05 19 00-4015	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,918.09	509.81
40 05 19 00-4016	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,123.92	547.41
40 05 19 00-4017	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,534.63	541.36
40 05 19 00-4018	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,606.26	614.28
40 05 19 00-4019	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,004.20	651.88
40 05 19 00-4020	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,769.72	710.38
40 05 19 00-4021	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,952.03	747.99
40 05 19 00-4022	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,448.35	670.69
40 05 19 00-4023	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,683.37	708.30
40 05 19 00-4024	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,715.95	766.80
40 05 19 00-4025	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,641.29	804.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4026	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,171.17	908.88
40 05 19 00-4027	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,843.75	873.36
40 05 19 00-4028	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,889.26	977.83
40 05 19 00-4029	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	32,401.12	1,034.24
40 05 19 00-4030	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	34,235.89	1,009.16
40 05 19 00-4031	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	36,265.25	1,113.63
40 05 19 00-4032	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	40,259.14	1,170.04
40 05 19 00-4033	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	44,814.55	1,238.99
40 05 19 00-4034		**Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers** *(40 05 19 00-2073)*		
40 05 19 00-4035	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,057.70	157.12
40 05 19 00-4036	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,396.24	168.82
40 05 19 00-4037	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,521.10	188.04
40 05 19 00-4038	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,757.56	195.56
40 05 19 00-4039	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,833.72	214.79
40 05 19 00-4040	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,046.27	226.49
40 05 19 00-4041	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,244.34	209.77
40 05 19 00-4042	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,372.56	228.99
40 05 19 00-4043	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,536.40	240.69
40 05 19 00-4044	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,820.47	267.44
40 05 19 00-4045	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,761.47	240.69
40 05 19 00-4046	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,925.33	252.40
40 05 19 00-4047	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,160.69	279.14
40 05 19 00-4048	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,524.86	293.34
40 05 19 00-4049	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,280.54	276.21
40 05 19 00-4050	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,491.42	287.92
40 05 19 00-4051	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,778.85	314.66
40 05 19 00-4052	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,091.99	328.45
40 05 19 00-4053	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,254.80	340.57
40 05 19 00-4054	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,969.98	325.53
40 05 19 00-4055	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,255.73	352.27
40 05 19 00-4056	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,567.19	366.05
40 05 19 00-4057	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,733.37	378.18
40 05 19 00-4058	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,079.43	413.70
40 05 19 00-4059	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,099.98	384.03
40 05 19 00-4060	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,325.26	410.77
40 05 19 00-4061	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,530.91	424.55
40 05 19 00-4062	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,655.08	436.68
40 05 19 00-4063	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,075.05	472.20
40 05 19 00-4064	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,341.98	509.81
40 05 19 00-4065	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,202.72	421.63
40 05 19 00-4066	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,132.38	448.38
40 05 19 00-4067	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,259.10	462.17
40 05 19 00-4068	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,381.58	474.29
40 05 19 00-4069	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,803.24	509.81
40 05 19 00-4070	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,123.92	547.41
40 05 19 00-4071	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,534.63	541.36
40 05 19 00-4072	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,335.53	578.76
40 05 19 00-4073	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,356.40	614.28
40 05 19 00-4074	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,059.62	651.88
40 05 19 00-4075	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,769.72	710.38
40 05 19 00-4076	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,952.03	747.99
40 05 19 00-4077	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,467.47	670.69
40 05 19 00-4078	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,105.59	708.30
40 05 19 00-4079	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	17,039.07	766.80
40 05 19 00-4080	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,582.50	804.40
40 05 19 00-4081	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,468.46	908.88
40 05 19 00-4082	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,843.75	873.36
40 05 19 00-4083	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,889.26	977.83
40 05 19 00-4084	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	32,401.12	1,034.24
40 05 19 00-4085	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	36,265.25	1,113.63
40 05 19 00-4086	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	40,259.14	1,170.04
40 05 19 00-4087	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	44,814.55	1,238.99
40 05 19 00-4088		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges** *(40 05 19 00-2073)*		
40 05 19 00-4089	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	490.45	54.32
40 05 19 00-4090	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	746.37	80.23
40 05 19 00-4091	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	997.60	95.28
40 05 19 00-4092	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,453.31	111.15
40 05 19 00-4093	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,927.53	130.38
40 05 19 00-4094	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,658.70	146.26
40 05 19 00-4095	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	3,212.71	167.15
40 05 19 00-4096	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	4,323.45	234.01
40 05 19 00-4097	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	5,806.16	292.51
40 05 19 00-4098	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	8,517.95	355.19
40 05 19 00-4099	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	12,355.46	413.70
40 05 19 00-4100	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	23,196.76	455.48
40 05 19 00-4101	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	33,273.47	501.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4102	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	44,366.46	564.13

40 05 19 00-4103 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4104	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	37.51	
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*10.50*	
		For Hot Dip Galvanized, Add	*15.00*	
40 05 19 00-4105	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	57.88	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*16.21*	
		For Hot Dip Galvanized, Add	*23.15*	
40 05 19 00-4106	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	62.85	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*17.60*	
		For Hot Dip Galvanized, Add	*25.14*	
40 05 19 00-4107	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	141.17	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*39.53*	
		For Hot Dip Galvanized, Add	*56.47*	
40 05 19 00-4108	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack	142.41	
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*39.87*	
		For Hot Dip Galvanized, Add	*56.96*	
40 05 19 00-4109	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack	159.55	
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*44.67*	
		For Hot Dip Galvanized, Add	*63.82*	
40 05 19 00-4110	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack	268.23	
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*75.10*	
		For Hot Dip Galvanized, Add	*107.29*	
40 05 19 00-4111	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack	389.66	
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*109.10*	
		For Hot Dip Galvanized, Add	*155.86*	
40 05 19 00-4112	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack	492.00	
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*137.76*	
		For Hot Dip Galvanized, Add	*196.80*	
40 05 19 00-4113	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack	703.96	
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*197.11*	
		For Hot Dip Galvanized, Add	*281.58*	
40 05 19 00-4114	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,112.37	
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*311.46*	
		For Hot Dip Galvanized, Add	*444.95*	
40 05 19 00-4115	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,586.82	
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*444.31*	
		For Hot Dip Galvanized, Add	*634.73*	
40 05 19 00-4116	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack	2,041.39	
		Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*571.59*	
		For Hot Dip Galvanized, Add	*816.56*	
40 05 19 00-4117	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack	2,495.03	
		Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.		
		For Zinc Plated, Add	*698.61*	
		For Hot Dip Galvanized, Add	*998.01*	

40 05 19 00-4118 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4119 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-4118)*

40 05 19 00-4120	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.24
40 05 19 00-4121	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.48
40 05 19 00-4122	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	14.23
40 05 19 00-4123	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.47
40 05 19 00-4124	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	17.97
40 05 19 00-4125	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.95
40 05 19 00-4126	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	36.69
40 05 19 00-4127	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	38.94
40 05 19 00-4128	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	59.90
40 05 19 00-4129	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	64.39
40 05 19 00-4130	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	83.11
40 05 19 00-4131	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	95.09
40 05 19 00-4132	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	101.83
40 05 19 00-4133	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	111.56

40 05 19 00-4134 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-4118)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-4135	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	25.46
40 05 19 00-4136	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	35.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4137	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	55.41	
40 05 19 00-4138	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	60.65	
40 05 19 00-4139	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	65.14	
40 05 19 00-4140	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	122.80	
40 05 19 00-4141	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	151.25	
40 05 19 00-4142	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	152.00	
40 05 19 00-4143	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	157.99	
40 05 19 00-4144	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	166.97	
40 05 19 00-4145	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	184.94	
40 05 19 00-4146	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	203.66	
40 05 19 00-4147	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	289.77	
40 05 19 00-4148	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	316.72	
40 05 19 00-4149		Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-4118)*		
40 05 19 00-4150	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	22.46	
40 05 19 00-4151	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	29.20	
40 05 19 00-4152	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	39.68	
40 05 19 00-4153	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	46.42	
40 05 19 00-4154	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	51.66	
40 05 19 00-4155	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	85.36	
40 05 19 00-4156	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	102.58	
40 05 19 00-4157	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	103.33	
40 05 19 00-4158	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	105.57	
40 05 19 00-4159	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	122.80	
40 05 19 00-4160	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	150.50	
40 05 19 00-4161	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	171.46	
40 05 19 00-4162	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	245.59	
40 05 19 00-4163	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	271.05	
40 05 19 00-4164		Full Face Flange Neoprene Gaskets *(40 05 19 00-4118)* Note: (Polychloroprene)		
40 05 19 00-4165	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	26.21	
40 05 19 00-4166	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	36.69	
40 05 19 00-4167	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	56.16	
40 05 19 00-4168	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	60.65	
40 05 19 00-4169	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	65.14	
40 05 19 00-4170	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	86.86	
40 05 19 00-4171	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	152.74	
40 05 19 00-4172	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	153.49	
40 05 19 00-4173	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	162.48	
40 05 19 00-4174	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	164.72	
40 05 19 00-4175	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	178.95	
40 05 19 00-4176	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	201.41	
40 05 19 00-4177	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	292.01	
40 05 19 00-4178	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	319.72	
40 05 19 00-4179		Full Face Flange FKM Gaskets *(40 05 19 00-4118)* Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-4180	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	141.16	
40 05 19 00-4181	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	210.18	
40 05 19 00-4182	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	280.76	
40 05 19 00-4183	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	338.80	
40 05 19 00-4184	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	440.75	
40 05 19 00-4185	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	806.21	
40 05 19 00-4186	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	923.85	
40 05 19 00-4187	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	967.76	
40 05 19 00-4188	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	1,032.07	
40 05 19 00-4189	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,427.34	
40 05 19 00-4190	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,711.23	
40 05 19 00-4191	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,805.34	
40 05 19 00-4192	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	2,250.80	
40 05 19 00-4193	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	2,359.02	
40 05 19 00-4194		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-4195	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	422.12	81.37
40 05 19 00-4196	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	584.94	99.33
40 05 19 00-4197	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	864.75	121.16
40 05 19 00-4198	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,186.89	147.79
40 05 19 00-4199	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,506.51	180.22
40 05 19 00-4200	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,417.42	219.88
40 05 19 00-4201	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,798.45	268.34
40 05 19 00-4202	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,924.19	327.29
40 05 19 00-4203	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,807.65	399.38
40 05 19 00-4204	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,358.51	487.14
40 05 19 00-4205	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,904.57	594.42
40 05 19 00-4206	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	10,257.83	725.10
40 05 19 00-4207	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	26,698.80	884.71
40 05 19 00-4208	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	34,100.74	1,079.27

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 Lb. Screwed Fittings Assembly *(40 05 23 23)*
Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.

40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	31.67	9.93
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.05*	
		For Work In Restricted Working Space, Add	*5.98*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	35.98	11.37
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.20*	
		For Work In Restricted Working Space, Add	*7.10*	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	41.89	12.83
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.75*	
		For Work In Restricted Working Space, Add	*8.24*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	47.79	15.49
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.73*	
		For Work In Restricted Working Space, Add	*8.88*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	52.56	15.94
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.42*	
		For Work In Restricted Working Space, Add	*9.52*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	63.64	21.06
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*6.61*	
		For Work In Restricted Working Space, Add	*11.47*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	91.06	25.97
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*11.36*	
		For Work In Restricted Working Space, Add	*14.21*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	114.84	30.10
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*14.80*	
		For Work In Restricted Working Space, Add	*17.38*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly	155.45	30.10
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*22.05*	

40 05 23 23-0011 Stainless Steel Tubing And Fittings *(40 05 23 23)*

40 05 23 23-0012 Type 304 Tubing *(40 05 23 23-0011)*

40 05 23 23-0013 0.035" Wall *(40 05 23 23-0012)*

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	8.60	3.27
		For Work In Restricted Working Space, Add	*1.95*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	10.00	3.87
		For Work In Restricted Working Space, Add	*2.34*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	11.92	4.60
		For Work In Restricted Working Space, Add	*2.73*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	18.99	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	22.45	5.81
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	24.85	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	27.87	7.87
		For Work In Restricted Working Space, Add	*4.69*	

40 05 23 23-0021 0.049" Wall *(40 05 23 23-0012)*

40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	14.03	3.87
		For Work In Restricted Working Space, Add	*2.34*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	15.67	4.60
		For Work In Restricted Working Space, Add	*2.73*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	18.80	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	23.77	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	27.26	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	30.69	9.08
		For Work In Restricted Working Space, Add	*5.46*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	35.39	10.29
		For Work In Restricted Working Space, Add	*6.21*	

40 05 23 23-0029 0.065" Wall *(40 05 23 23-0012)*

40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	16.38	4.60
		For Work In Restricted Working Space, Add	*2.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	18.85	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	23.25	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	27.35	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	32.24	9.08
		For Work In Restricted Working Space, Add	*5.46*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	37.03	10.29
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	41.73	11.62
		For Work In Restricted Working Space, Add	*6.98*	

40 05 23 23-0037 Type 304 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0038 90 Degree Elbows *(40 05 23 23-0037)*

40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	52.58	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	61.95	14.29
		For Work In Restricted Working Space, Add	*8.55*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	92.30	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	98.75	18.04
		For Work In Restricted Working Space, Add	*10.85*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	110.32	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	149.69	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	190.29	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0046 Union Tees *(40 05 23 23-0037)*

40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	83.20	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	100.50	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	136.27	24.21
		For Work In Restricted Working Space, Add	*14.53*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	146.91	27.49
		For Work In Restricted Working Space, Add	*16.51*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	186.57	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	293.64	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	351.88	39.11
		For Work In Restricted Working Space, Add	*23.43*	

40 05 23 23-0054 Unions *(40 05 23 23-0037)*

40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	79.68	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	102.48	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	137.57	24.21
		For Work In Restricted Working Space, Add	*14.53*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	167.31	27.49
		For Work In Restricted Working Space, Add	*16.51*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	198.98	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	303.55	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	323.82	39.11
		For Work In Restricted Working Space, Add	*23.43*	

40 05 23 23-0062 Male Connectors *(40 05 23 23-0037)*

40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	40.01	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	49.59	14.29
		For Work In Restricted Working Space, Add	*8.55*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	63.87	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	71.95	18.04
		For Work In Restricted Working Space, Add	*10.85*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	86.50	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	128.80	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	135.49	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0070 Type 304 Valves *(40 05 23 23-0011)*

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0071		**Gate Valves** *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	232.62	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	392.99	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	407.40	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	451.52	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	413.39	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0077		**Globe Valves** *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	235.85	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	155.18	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	279.49	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	311.04	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	454.10	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0083		**Check Valves** *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	330.88	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	332.74	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	216.77	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	226.70	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	250.54	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0089		**Plug Valves** *(40 05 23 23-0070)*		
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	511.92	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	560.37	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	633.98	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	881.45	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	1,147.55	60.54
		For Work In Restricted Working Space, Add	*36.32*	
40 05 23 23-0095		**Type 316 Tubing** *(40 05 23 23-0011)*		
40 05 23 23-0096		**0.035" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	8.92	3.27
		For Work In Restricted Working Space, Add	*1.95*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.57	3.87
		For Work In Restricted Working Space, Add	*2.34*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	12.88	4.60
		For Work In Restricted Working Space, Add	*2.73*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	21.53	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	24.42	5.81
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	30.90	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	32.56	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0104		**0.049" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	15.39	3.87
		For Work In Restricted Working Space, Add	*2.34*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	17.10	4.60
		For Work In Restricted Working Space, Add	*2.73*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	20.14	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	26.23	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	30.32	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	38.57	9.08
		For Work In Restricted Working Space, Add	*5.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	39.53	10.29
		For Work In Restricted Working Space, Add	*6.21*	

40 05 23 23-0112 0.065" Wall *(40 05 23 23-0095)*

40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	17.99	4.60
		For Work In Restricted Working Space, Add	*2.73*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	20.09	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	25.19	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	30.02	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	36.34	9.08
		For Work In Restricted Working Space, Add	*5.46*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	40.07	10.29
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	46.63	11.62
		For Work In Restricted Working Space, Add	*6.98*	

40 05 23 23-0120 Type 316 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0121 90 Degree Elbows *(40 05 23 23-0120)*

40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	71.74	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	86.12	14.29
		For Work In Restricted Working Space, Add	*8.55*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	135.62	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	143.95	18.04
		For Work In Restricted Working Space, Add	*10.85*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	161.76	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	226.55	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	290.47	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0129 Union Tees *(40 05 23 23-0120)*

40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	115.07	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	141.85	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	199.70	24.21
		For Work In Restricted Working Space, Add	*14.53*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	213.25	27.49
		For Work In Restricted Working Space, Add	*16.51*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	278.63	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	458.39	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	549.54	39.11
		For Work In Restricted Working Space, Add	*23.43*	

40 05 23 23-0137 Unions *(40 05 23 23-0120)*

40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	74.83	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	95.40	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	126.92	24.21
		For Work In Restricted Working Space, Add	*14.53*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	153.89	27.49
		For Work In Restricted Working Space, Add	*16.51*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	182.26	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	275.09	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	294.45	39.11
		For Work In Restricted Working Space, Add	*23.43*	

40 05 23 23-0145 Male Connectors *(40 05 23 23-0120)*

40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	49.88	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	64.51	14.29
		For Work In Restricted Working Space, Add	*8.55*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	86.19	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	97.25	18.04
		For Work In Restricted Working Space, Add	*10.85*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	120.03	19.49
		For Work In Restricted Working Space, Add	*11.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	189.29	21.68
		For Work In Restricted Working Space, Add	*12.97*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	194.85	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0153 Type 316 Valves *(40 05 23 23-0011)*

40 05 23 23-0154 Gate Valves *(40 05 23 23-0153)*

40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	296.34	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	507.89	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	522.30	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	578.24	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	521.64	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	718.56	40.56
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	1,157.60	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,375.63	60.54
		For Work In Restricted Working Space, Add	*36.32*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	2,027.05	193.84
		For Work In Restricted Working Space, Add	*116.27*	

40 05 23 23-0164 Globe Valves *(40 05 23 23-0153)*

40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	300.62	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	193.31	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	353.10	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	392.40	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	575.49	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	720.02	40.32
		For Work In Restricted Working Space, Add	*24.16*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	1,200.37	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,418.40	60.54
		For Work In Restricted Working Space, Add	*36.32*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,756.18	193.84
		For Work In Restricted Working Space, Add	*116.27*	

40 05 23 23-0174 Check Valves *(40 05 23 23-0153)*

40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	426.32	19.49
		For Work In Restricted Working Space, Add	*10.58*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	428.18	22.89
		For Work In Restricted Working Space, Add	*11.14*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	270.13	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	280.82	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	306.21	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	425.84	40.56
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	958.01	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	1,161.79	60.54
		For Work In Restricted Working Space, Add	*36.32*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	2,288.41	193.84
		For Work In Restricted Working Space, Add	*116.27*	

40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 23-0153)*

40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	456.81	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	533.73	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	680.47	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,087.69	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,520.12	60.54
		For Work In Restricted Working Space, Add	*36.32*	

40 05 23 23-0190 Diaphragm Valves, Teflon Lined *(40 05 23 23-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	606.70	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	697.51	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	844.25	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,318.08	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,794.92	60.54
		For Work In Restricted Working Space, Add	*36.32*	

40 05 23 23-0196 Strainers *(40 05 23 23-0153)*

40 05 23 23-0197	EA	1/2" Strainer, Stainless Steel Type 316	608.15	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0198	EA	3/4" Strainer, Stainless Steel Type 316	728.03	29.67
		For Work In Restricted Working Space, Add	*17.80*	
40 05 23 23-0199	EA	1" Strainer, Stainless Steel Type 316	952.45	39.35
		For Work In Restricted Working Space, Add	*23.61*	
40 05 23 23-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	1,184.29	40.56
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,487.79	44.19
		For Work In Restricted Working Space, Add	*26.52*	
40 05 23 23-0202	EA	2" Strainer, Stainless Steel Type 316	2,146.20	60.54
		For Work In Restricted Working Space, Add	*36.33*	
40 05 23 23-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	2,949.99	80.52
		For Work In Restricted Working Space, Add	*48.31*	
40 05 23 23-0204	EA	3" Strainer, Stainless Steel Type 316	4,295.26	121.08
		For Work In Restricted Working Space, Add	*72.65*	
40 05 23 23-0205	EA	4" Strainer, Stainless Steel Type 316	5,490.43	193.72
		For Work In Restricted Working Space, Add	*116.23*	

40 05 23 23-0206 Plug Valves *(40 05 23 23-0153)*

40 05 23 23-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	648.38	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	708.96	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0209	EA	1" Plug Valve, Stainless Steel Type 316	798.75	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	1,116.53	44.19
		For Work In Restricted Working Space, Add	*26.51*	
40 05 23 23-0211	EA	2" Plug Valve, Stainless Steel Type 316	1,451.81	60.54
		For Work In Restricted Working Space, Add	*36.32*	

40 05 23 23-0212 Cut And Prepare Existing Pipe In-Place *(40 05 23 23-0011)*

Note: For use when connecting pipe to an existing in-place system.

40 05 23 23-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	24.20
40 05 23 23-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	26.14
40 05 23 23-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	29.41
40 05 23 23-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	30.85
40 05 23 23-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	32.67
40 05 23 23-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	35.08
40 05 23 23-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	37.52
40 05 23 23-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	41.14
40 05 23 23-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	44.77
40 05 23 23-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	48.41
40 05 23 23-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	52.03
40 05 23 23-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	56.88
40 05 23 23-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	61.72
40 05 23 23-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	66.55
40 05 23 23-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	71.39
40 05 23 23-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	75.03
40 05 23 23-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	78.65
40 05 23 23-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	83.50

40 05 23 23-0231 Stainless Steel Pipe And Fittings *(40 05 23 23)*

40 05 23 23-0232 Type 304, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings *(40 05 23 23-0231)*

40 05 23 23-0233 Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0232)*

40 05 23 23-0234	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	16.18	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0235	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	19.96	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	24.44	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	29.23	9.08
		For Work In Restricted Working Space, Add	*5.46*	
40 05 23 23-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	33.73	10.29
		For Work In Restricted Working Space, Add	*6.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	42.99	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	57.21	15.50
		For Work In Restricted Working Space, Add	*9.31*	
40 05 23 23-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	71.94	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	97.04	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0243 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0244	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	42.39	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0245	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	56.29	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0246	EA	1", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	72.39	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0247	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	101.54	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0248	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	121.06	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0249	EA	2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	147.48	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0250	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	247.42	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0251	EA	3", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	318.50	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0252	EA	4", 150 Lb., Type 304 Stainless Steel Threaded 90 Degree Elbow	436.27	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0253 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0254	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	43.16	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0255	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	57.53	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0256	EA	1", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	72.78	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0257	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	101.39	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0258	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	119.23	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0259	EA	2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	147.06	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0260	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	255.73	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0261	EA	3", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	334.71	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0262	EA	4", 150 Lb., Type 304 Stainless Steel Threaded 45 Degree Elbow	455.15	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0263 150 Lb., Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*

40 05 23 23-0264	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	63.59	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0265	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Tee	85.29	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0266	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Tee	106.01	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0267	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Tee	152.71	67.32
		For Work In Restricted Working Space, Add	*40.36*	
40 05 23 23-0268	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	173.95	75.68
		For Work In Restricted Working Space, Add	*45.41*	
40 05 23 23-0269	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Tee	230.82	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0270	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Tee	353.99	145.90
		For Work In Restricted Working Space, Add	*87.53*	
40 05 23 23-0271	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Tee	480.26	195.30
		For Work In Restricted Working Space, Add	*117.17*	
40 05 23 23-0272	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Tee	646.29	242.16
		For Work In Restricted Working Space, Add	*145.30*	

40 05 23 23-0273 150 Lb., Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

40 05 23 23-0274	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	55.72	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0275	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Reducer	71.17	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0276	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	98.06	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0277	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	117.33	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0278	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	147.57	63.69
		For Work In Restricted Working Space, Add	*38.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0279	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Reducer	244.96	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0280	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Reducer	321.85	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0281	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Reducer	424.68	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0282 150 Lb., Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0232)*

40 05 23 23-0283	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	21.75	9.81
		For Work In Restricted Working Space, Add	*5.86*	
40 05 23 23-0284	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Cap	28.82	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0285	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Cap	36.45	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0286	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Cap	53.23	22.89
		For Work In Restricted Working Space, Add	*13.71*	
40 05 23 23-0287	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	61.42	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0288	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Cap	78.05	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0289	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Cap	119.61	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0290	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Cap	158.89	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0291	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Cap	214.64	80.76
		For Work In Restricted Working Space, Add	*48.43*	

40 05 23 23-0292 150 Lb., Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0232)*

40 05 23 23-0293	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	68.41	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0294	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Union	89.96	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0295	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Union	114.77	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0296	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Union	165.59	67.32
		For Work In Restricted Working Space, Add	*40.36*	
40 05 23 23-0297	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	186.44	75.68
		For Work In Restricted Working Space, Add	*45.41*	
40 05 23 23-0298	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Union	243.83	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0299	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Union	416.53	151.35
		For Work In Restricted Working Space, Add	*90.81*	
40 05 23 23-0300	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Union	533.94	195.30
		For Work In Restricted Working Space, Add	*117.18*	
40 05 23 23-0301	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Union	555.60	161.46
		For Work In Restricted Working Space, Add	*96.88*	

40 05 23 23-0302 150 Lb., Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0232)*

40 05 23 23-0303	EA	1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	42.07	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0304	EA	3/4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	55.87	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0305	EA	1", 150 Lb., Type 304 Stainless Steel Threaded Coupling	72.05	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0306	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	100.18	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0307	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	117.73	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0308	EA	2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	145.01	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0309	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Threaded Coupling	240.33	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0310	EA	3", 150 Lb., Type 304 Stainless Steel Threaded Coupling	310.19	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0311	EA	4", 150 Lb., Type 304 Stainless Steel Threaded Coupling	400.27	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings *(40 05 23 23-0231)*

40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0312)*

40 05 23 23-0314	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	19.23	5.20
		For Work In Restricted Working Space, Add	*3.12*	
40 05 23 23-0315	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	22.97	6.54
		For Work In Restricted Working Space, Add	*3.91*	
40 05 23 23-0316	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	28.77	7.87
		For Work In Restricted Working Space, Add	*4.69*	
40 05 23 23-0317	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	34.89	9.08
		For Work In Restricted Working Space, Add	*5.46*	
40 05 23 23-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	40.44	10.29
		For Work In Restricted Working Space, Add	*6.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	51.97	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	69.76	15.50
		For Work In Restricted Working Space, Add	*9.31*	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	90.64	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	121.39	25.79
		For Work In Restricted Working Space, Add	*15.46*	

40 05 23 23-0323 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0324	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	43.40	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0325	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	57.79	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0326	EA	1", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	73.31	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0327	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	103.19	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0328	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	123.26	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0329	EA	2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	150.19	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0330	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	251.75	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0331	EA	3", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	329.12	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0332	EA	4", 150 Lb., Type 316 Stainless Steel Threaded 90 Degree Elbow	449.17	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0333 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0334	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	44.21	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0335	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	58.30	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0336	EA	1", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	73.91	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0337	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	103.02	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0338	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	121.13	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0339	EA	2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	149.60	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0340	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	259.80	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0341	EA	3", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	344.11	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0342	EA	4", 150 Lb., Type 316 Stainless Steel Threaded 45 Degree Elbow	480.50	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-0343 150 Lb., Type 316 Stainless Steel Threaded Tees *(40 05 23 23-0312)*

40 05 23 23-0344	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	64.66	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0345	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Tee	86.37	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0346	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Tee	107.23	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0347	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Tee	155.19	67.32
		For Work In Restricted Working Space, Add	*40.36*	
40 05 23 23-0348	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	176.40	75.68
		For Work In Restricted Working Space, Add	*45.41*	
40 05 23 23-0349	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Tee	234.05	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0350	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Tee	367.17	145.90
		For Work In Restricted Working Space, Add	*87.53*	
40 05 23 23-0351	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Tee	498.22	195.30
		For Work In Restricted Working Space, Add	*117.17*	
40 05 23 23-0352	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Tee	659.68	242.16
		For Work In Restricted Working Space, Add	*145.30*	

40 05 23 23-0353 150 Lb., Type 316 Stainless Steel Threaded Reducers *(40 05 23 23-0312)*

40 05 23 23-0354	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	56.63	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0355	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Reducer	73.89	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0356	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	98.57	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0357	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	119.99	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0358	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	152.24	63.69
		For Work In Restricted Working Space, Add	*38.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0359	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Reducer	255.60	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0360	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Reducer	333.60	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0361	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Reducer	444.26	161.40
		For Work In Restricted Working Space, Add	*96.86*	
40 05 23 23-0362		**150 Lb., Type 316 Stainless Steel Threaded Caps** *(40 05 23 23-0312)*		
40 05 23 23-0363	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	22.35	9.81
		For Work In Restricted Working Space, Add	*5.86*	
40 05 23 23-0364	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Cap	29.26	13.08
		For Work In Restricted Working Space, Add	*7.81*	
40 05 23 23-0365	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Cap	37.24	16.11
		For Work In Restricted Working Space, Add	*9.69*	
40 05 23 23-0366	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Cap	55.43	22.89
		For Work In Restricted Working Space, Add	*13.71*	
40 05 23 23-0367	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	64.02	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0368	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Cap	81.45	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0369	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Cap	125.23	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0370	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Cap	164.59	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0371	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Cap	225.96	80.76
		For Work In Restricted Working Space, Add	*48.43*	
40 05 23 23-0372		**150 Lb., Type 316 Stainless Steel Threaded Unions** *(40 05 23 23-0312)*		
40 05 23 23-0373	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	69.70	29.55
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0374	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Union	94.81	39.11
		For Work In Restricted Working Space, Add	*23.43*	
40 05 23 23-0375	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Union	117.22	48.43
		For Work In Restricted Working Space, Add	*29.06*	
40 05 23 23-0376	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Union	169.76	67.32
		For Work In Restricted Working Space, Add	*40.36*	
40 05 23 23-0377	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	191.31	75.68
		For Work In Restricted Working Space, Add	*45.41*	
40 05 23 23-0378	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Union	249.47	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0379	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Union	425.18	151.35
		For Work In Restricted Working Space, Add	*90.81*	
40 05 23 23-0380	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Union	560.90	195.30
		For Work In Restricted Working Space, Add	*117.18*	
40 05 23 23-0381	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Union	613.05	161.46
		For Work In Restricted Working Space, Add	*96.88*	
40 05 23 23-0382		**150 Lb., Type 316 Stainless Steel Threaded Couplings** *(40 05 23 23-0312)*		
40 05 23 23-0383	EA	1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	44.10	19.49
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-0384	EA	3/4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	56.81	25.79
		For Work In Restricted Working Space, Add	*15.46*	
40 05 23 23-0385	EA	1", 150 Lb., Type 316 Stainless Steel Threaded Coupling	72.95	32.69
		For Work In Restricted Working Space, Add	*19.64*	
40 05 23 23-0386	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	101.61	44.80
		For Work In Restricted Working Space, Add	*26.91*	
40 05 23 23-0387	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	119.44	52.67
		For Work In Restricted Working Space, Add	*31.58*	
40 05 23 23-0388	EA	2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	147.38	63.69
		For Work In Restricted Working Space, Add	*38.24*	
40 05 23 23-0389	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Threaded Coupling	248.61	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-0390	EA	3", 150 Lb., Type 316 Stainless Steel Threaded Coupling	320.87	130.16
		For Work In Restricted Working Space, Add	*78.12*	
40 05 23 23-0391	EA	4", 150 Lb., Type 316 Stainless Steel Threaded Coupling	416.28	161.40
		For Work In Restricted Working Space, Add	*96.86*	
40 05 23 23-0392		**Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0393		**Type 304, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0392)*		
40 05 23 23-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	17.67	5.09
		For Work In Restricted Working Space, Add	*3.06*	
40 05 23 23-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	21.10	6.23
		For Work In Restricted Working Space, Add	*3.74*	
40 05 23 23-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	27.49	7.36
		For Work In Restricted Working Space, Add	*4.38*	
40 05 23 23-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	33.67	9.16
		For Work In Restricted Working Space, Add	*5.48*	
40 05 23 23-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	37.52	10.30
		For Work In Restricted Working Space, Add	*6.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	46.42	12.79
		For Work In Restricted Working Space, Add	*7.65*	
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	55.16	14.60
		For Work In Restricted Working Space, Add	*8.74*	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	64.71	16.41
		For Work In Restricted Working Space, Add	*9.84*	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	80.67	19.47
		For Work In Restricted Working Space, Add	*11.65*	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	116.31	25.57
		For Work In Restricted Working Space, Add	*15.29*	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	199.72	46.55
		For Work In Restricted Working Space, Add	*29.90*	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	250.54	51.18
		For Work In Restricted Working Space, Add	*32.90*	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	297.42	56.90
		For Work In Restricted Working Space, Add	*36.55*	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	362.60	63.96
		For Work In Restricted Working Space, Add	*41.12*	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	400.73	73.11
		For Work In Restricted Working Space, Add	*47.00*	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	450.86	85.29
		For Work In Restricted Working Space, Add	*54.83*	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	617.06	102.35
		For Work In Restricted Working Space, Add	*65.80*	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	801.66	127.93
		For Work In Restricted Working Space, Add	*82.24*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	134.19	58.06
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	142.12	61.62
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	156.61	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	170.90	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	188.77	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	210.98	90.68
		For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	274.10	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	321.51	136.02
		For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	393.25	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	536.25	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	937.96	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,376.19	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,077.80	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,455.14	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,879.43	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,637.47	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	5,072.37	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	7,279.80	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	135.72	58.06
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	143.65	61.62
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	158.44	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	173.34	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	189.07	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	210.98	90.68
		For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	272.57	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	318.76	136.02
		For Work In Restricted Working Space, Add	*90.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	388.06	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	509.07	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	885.52	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,282.84	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,930.01	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,273.74	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,655.55	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,343.47	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,675.66	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	6,717.05	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0392)*

40 05 23 23-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	180.77	73.79
		For Work In Restricted Working Space, Add	*49.19*	
40 05 23 23-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	218.08	90.58
		For Work In Restricted Working Space, Add	*60.38*	
40 05 23 23-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	242.96	101.77
		For Work In Restricted Working Space, Add	*67.85*	
40 05 23 23-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	276.57	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	293.64	124.58
		For Work In Restricted Working Space, Add	*83.05*	
40 05 23 23-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	319.97	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	412.64	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	486.39	204.03
		For Work In Restricted Working Space, Add	*136.02*	
40 05 23 23-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	558.33	228.99
		For Work In Restricted Working Space, Add	*152.66*	
40 05 23 23-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	810.11	305.30
		For Work In Restricted Working Space, Add	*203.54*	
40 05 23 23-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,354.75	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	2,077.80	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,668.34	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	3,279.14	1,058.91
		For Work In Restricted Working Space, Add	*705.94*	
40 05 23 23-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	3,973.34	1,291.76
		For Work In Restricted Working Space, Add	*861.17*	
40 05 23 23-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	5,056.07	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	6,756.74	2,164.27
		For Work In Restricted Working Space, Add	*1,442.84*	
40 05 23 23-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	10,135.28	3,289.68
		For Work In Restricted Working Space, Add	*2,193.12*	

40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0392)*

40 05 23 23-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	166.92	61.64
		For Work In Restricted Working Space, Add	*41.10*	
40 05 23 23-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	197.79	75.54
		For Work In Restricted Working Space, Add	*50.36*	
40 05 23 23-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	243.26	84.87
		For Work In Restricted Working Space, Add	*56.59*	
40 05 23 23-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	252.59	96.76
		For Work In Restricted Working Space, Add	*64.51*	
40 05 23 23-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	264.96	103.97
		For Work In Restricted Working Space, Add	*69.32*	
40 05 23 23-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	343.73	113.31
		For Work In Restricted Working Space, Add	*75.54*	
40 05 23 23-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	405.07	135.81
		For Work In Restricted Working Space, Add	*90.55*	
40 05 23 23-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	499.40	169.76
		For Work In Restricted Working Space, Add	*113.17*	
40 05 23 23-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	656.44	193.97
		For Work In Restricted Working Space, Add	*129.31*	
40 05 23 23-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,249.10	293.72
		For Work In Restricted Working Space, Add	*195.81*	
40 05 23 23-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,046.92	391.63
		For Work In Restricted Working Space, Add	*261.09*	
40 05 23 23-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,928.38	587.44
		For Work In Restricted Working Space, Add	*391.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,551.97	705.75
		For Work In Restricted Working Space, Add	*470.50*	
40 05 23 23-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,397.35	860.88
		For Work In Restricted Working Space, Add	*573.92*	
40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,676.46	1,096.56
		For Work In Restricted Working Space, Add	*731.04*	
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	8,057.77	1,442.84
		For Work In Restricted Working Space, Add	*961.90*	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	12,596.10	2,191.17
		For Work In Restricted Working Space, Add	*1,460.78*	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	134.96	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	148.59	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	164.72	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	175.31	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	191.21	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	256.27	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	289.75	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	338.66	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	436.93	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	710.99	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	903.66	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,214.88	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,725.40	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,015.32	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,482.96	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,477.87	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	5,023.49	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	163.68	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	169.66	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	179.15	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	201.58	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	210.15	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	277.04	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	310.21	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	354.48	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	494.05	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	833.42	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,142.48	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,435.56	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,234.48	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,598.64	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,194.88	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	4,618.69	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	6,535.42	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	73.97	29.03
		For Work In Restricted Working Space, Add	*19.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0524		EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	81.30	30.81
			For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-0525		EA	1", Type 304, Schedule 10 Stainless Steel Cap	89.30	33.86
			For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-0526		EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	98.35	36.90
			For Work In Restricted Working Space, Add	*24.60*	
40 05 23 23-0527		EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	105.54	40.75
			For Work In Restricted Working Space, Add	*27.17*	
40 05 23 23-0528		EA	2", Type 304, Schedule 10 Stainless Steel Cap	113.89	45.34
			For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-0529		EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	147.90	58.03
			For Work In Restricted Working Space, Add	*38.69*	
40 05 23 23-0530		EA	3", Type 304, Schedule 10 Stainless Steel Cap	167.32	68.01
			For Work In Restricted Working Space, Add	*45.34*	
40 05 23 23-0531		EA	4", Type 304, Schedule 10 Stainless Steel Cap	201.67	81.41
			For Work In Restricted Working Space, Add	*54.27*	
40 05 23 23-0532		EA	6", Type 304, Schedule 10 Stainless Steel Cap	260.24	101.86
			For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0533		EA	8", Type 304, Schedule 10 Stainless Steel Cap	452.66	176.23
			For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-0534		EA	10", Type 304, Schedule 10 Stainless Steel Cap	602.80	234.98
			For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-0535		EA	12", Type 304, Schedule 10 Stainless Steel Cap	888.33	352.46
			For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0536		EA	14", Type 304, Schedule 10 Stainless Steel Cap	1,042.57	411.21
			For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-0537		EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,208.44	469.06
			For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-0538		EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,526.04	587.44
			For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0539		EA	20", Type 304, Schedule 10 Stainless Steel Cap	2,108.09	822.42
			For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0540		EA	24", Type 304, Schedule 10 Stainless Steel Cap	3,105.09	1,174.88
			For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

40 05 23 23-0543		LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	19.51	5.09
			For Work In Restricted Working Space, Add	*3.06*	
40 05 23 23-0544		LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	23.70	6.23
			For Work In Restricted Working Space, Add	*3.74*	
40 05 23 23-0545		LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	28.89	7.36
			For Work In Restricted Working Space, Add	*4.38*	
40 05 23 23-0546		LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	36.12	9.05
			For Work In Restricted Working Space, Add	*5.48*	
40 05 23 23-0547		LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	41.50	10.19
			For Work In Restricted Working Space, Add	*6.17*	
40 05 23 23-0548		LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	52.98	13.01
			For Work In Restricted Working Space, Add	*7.65*	
40 05 23 23-0549		LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	65.17	14.72
			For Work In Restricted Working Space, Add	*8.74*	
40 05 23 23-0550		LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	64.53	16.41
			For Work In Restricted Working Space, Add	*9.84*	
40 05 23 23-0551		LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	102.98	19.24
			For Work In Restricted Working Space, Add	*11.65*	
40 05 23 23-0552		LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	158.17	25.46
			For Work In Restricted Working Space, Add	*15.29*	
40 05 23 23-0553		LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	283.43	46.30
			For Work In Restricted Working Space, Add	*29.90*	
40 05 23 23-0554		LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	354.66	51.18
			For Work In Restricted Working Space, Add	*32.90*	
40 05 23 23-0555		LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	438.30	56.65
			For Work In Restricted Working Space, Add	*36.55*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0557		EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	135.41	58.06
			For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0558		EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	143.34	61.62
			For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0559		EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	157.52	67.72
			For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0560		EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	171.56	73.81
			For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0561		EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	189.38	81.51
			For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0562		EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	213.12	90.68
			For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0563		EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	282.04	116.06
			For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0564		EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	333.12	136.02
			For Work In Restricted Working Space, Add	*90.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	412.80	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	661.17	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,108.18	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,721.56	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,525.75	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,998.57	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,577.54	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,607.48	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	6,269.63	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	8,987.89	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	137.55	58.06
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	145.48	61.62
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	159.05	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	173.12	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	190.90	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	213.44	90.68
		For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	282.04	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	324.57	136.02
		For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	417.38	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	557.02	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	998.99	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,448.77	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,123.33	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,410.07	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,876.86	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,629.96	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,950.61	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	7,183.90	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*

40 05 23 23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	181.99	73.79
		For Work In Restricted Working Space, Add	*49.19*	
40 05 23 23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	219.30	90.58
		For Work In Restricted Working Space, Add	*60.38*	
40 05 23 23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee	244.18	101.77
		For Work In Restricted Working Space, Add	*67.85*	
40 05 23 23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	279.68	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	294.86	124.58
		For Work In Restricted Working Space, Add	*83.05*	
40 05 23 23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee	321.50	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	416.77	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee	492.80	204.03
		For Work In Restricted Working Space, Add	*136.02*	
40 05 23 23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee	565.35	228.99
		For Work In Restricted Working Space, Add	*152.66*	
40 05 23 23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee	858.67	305.30
		For Work In Restricted Working Space, Add	*203.54*	
40 05 23 23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,498.90	469.95
		For Work In Restricted Working Space, Add	*313.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,520.16	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee	3,134.77	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee	4,219.01	1,058.91
		For Work In Restricted Working Space, Add	*705.94*	
40 05 23 23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee	5,345.50	1,291.76
		For Work In Restricted Working Space, Add	*861.17*	
40 05 23 23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee	6,919.12	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee	8,942.05	2,164.27
		For Work In Restricted Working Space, Add	*1,442.84*	
40 05 23 23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee	13,684.49	3,289.68
		For Work In Restricted Working Space, Add	*2,193.12*	

40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0541)*

40 05 23 23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	170.89	61.64
		For Work In Restricted Working Space, Add	*41.10*	
40 05 23 23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	201.76	75.54
		For Work In Restricted Working Space, Add	*50.36*	
40 05 23 23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	262.37	84.87
		For Work In Restricted Working Space, Add	*56.59*	
40 05 23 23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	258.39	96.76
		For Work In Restricted Working Space, Add	*64.51*	
40 05 23 23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	264.96	103.97
		For Work In Restricted Working Space, Add	*69.32*	
40 05 23 23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	324.21	113.31
		For Work In Restricted Working Space, Add	*75.54*	
40 05 23 23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	362.00	135.81
		For Work In Restricted Working Space, Add	*90.55*	
40 05 23 23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	476.80	169.76
		For Work In Restricted Working Space, Add	*113.17*	
40 05 23 23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	660.10	193.97
		For Work In Restricted Working Space, Add	*129.31*	
40 05 23 23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,119.46	293.72
		For Work In Restricted Working Space, Add	*195.81*	
40 05 23 23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,087.49	391.63
		For Work In Restricted Working Space, Add	*261.09*	
40 05 23 23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,009.53	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,438.11	705.75
		For Work In Restricted Working Space, Add	*470.50*	
40 05 23 23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,254.75	860.88
		For Work In Restricted Working Space, Add	*573.92*	
40 05 23 23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	5,490.51	1,096.56
		For Work In Restricted Working Space, Add	*731.04*	
40 05 23 23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	7,779.30	1,442.84
		For Work In Restricted Working Space, Add	*961.90*	
40 05 23 23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	12,152.59	2,191.17
		For Work In Restricted Working Space, Add	*1,460.78*	

40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0541)*

40 05 23 23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	138.02	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0633	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	151.64	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0634	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	164.94	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0635	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	178.37	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0636	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	193.04	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0637	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	256.27	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0638	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	278.75	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0639	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	323.02	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0640	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	439.38	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0641	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	762.85	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0642	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	992.73	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0643	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,294.37	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0644	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,903.80	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0645	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,239.58	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0646	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,937.10	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0647	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	4,013.55	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0648	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	5,578.24	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	164.92	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	176.08	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	201.15	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	212.88	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	227.56	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	277.04	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	348.09	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	380.14	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	519.40	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	836.08	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,140.17	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,555.63	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,544.17	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,885.88	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,773.22	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,904.11	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	7,800.51	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	

40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*

40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	74.88	29.03
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	80.38	30.81
		For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	90.22	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	102.44	36.90
		For Work In Restricted Working Space, Add	*24.60*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	109.51	40.75
		For Work In Restricted Working Space, Add	*27.17*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	113.59	45.34
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	145.84	58.03
		For Work In Restricted Working Space, Add	*38.69*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	168.54	68.01
		For Work In Restricted Working Space, Add	*45.34*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	205.33	81.41
		For Work In Restricted Working Space, Add	*54.27*	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	282.84	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	488.95	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	654.12	234.98
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	986.12	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,132.15	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,331.67	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,672.10	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,302.87	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,430.75	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)*

40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	20.00	5.09
		For Work In Restricted Working Space, Add	*3.06*	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	23.80	6.23
		For Work In Restricted Working Space, Add	*3.74*	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	31.51	7.36
		For Work In Restricted Working Space, Add	*4.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0690		LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	38.49	9.16
			For Work In Restricted Working Space, Add	*5.48*	
40 05 23 23-0691		LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	42.81	10.30
			For Work In Restricted Working Space, Add	*6.17*	
40 05 23 23-0692		LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	52.95	12.79
			For Work In Restricted Working Space, Add	*7.65*	
40 05 23 23-0693		LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	63.29	14.60
			For Work In Restricted Working Space, Add	*8.74*	
40 05 23 23-0694		LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	74.67	16.41
			For Work In Restricted Working Space, Add	*9.84*	
40 05 23 23-0695		LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	93.75	19.47
			For Work In Restricted Working Space, Add	*11.65*	
40 05 23 23-0696		LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	136.72	25.57
			For Work In Restricted Working Space, Add	*15.29*	
40 05 23 23-0697		LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	230.96	46.55
			For Work In Restricted Working Space, Add	*29.90*	
40 05 23 23-0698		LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	294.53	51.18
			For Work In Restricted Working Space, Add	*32.90*	
40 05 23 23-0699		LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	352.26	56.90
			For Work In Restricted Working Space, Add	*36.55*	
40 05 23 23-0700		LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	433.03	63.96
			For Work In Restricted Working Space, Add	*41.12*	
40 05 23 23-0701		LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	476.96	73.11
			For Work In Restricted Working Space, Add	*47.00*	
40 05 23 23-0702		LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	534.58	85.29
			For Work In Restricted Working Space, Add	*54.83*	
40 05 23 23-0703		LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	741.28	102.35
			For Work In Restricted Working Space, Add	*65.80*	
40 05 23 23-0704		LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	966.40	127.93
			For Work In Restricted Working Space, Add	*82.24*	

40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0706		EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	135.72	58.06
			For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0707		EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	143.65	61.62
			For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0708		EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	158.44	67.72
			For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0709		EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	173.56	73.81
			For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0710		EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	190.60	81.51
			For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0711		EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	213.12	90.68
			For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0712		EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	278.07	116.06
			For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0713		EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	327.32	136.02
			For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0714		EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	402.11	162.80
			For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0715		EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	559.46	203.38
			For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0716		EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	981.18	352.47
			For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0717		EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,476.12	469.95
			For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0718		EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,214.04	704.93
			For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0719		EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,583.34	822.42
			For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0720		EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,082.21	938.12
			For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0721		EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,880.63	1,174.89
			For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0722		EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,419.73	1,644.84
			For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0723		EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	7,795.96	2,349.77
			For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0725		EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	137.55	58.06
			For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0726		EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	145.48	61.62
			For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0727		EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	160.27	67.72
			For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0728		EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	176.01	73.81
			For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0729		EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	190.60	81.51
			For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0730		EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	213.12	90.68
			For Work In Restricted Working Space, Add	*60.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	276.24	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	324.57	136.02
		For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	395.69	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	521.59	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	913.22	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,448.77	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,123.33	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,498.34	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,926.36	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,697.10	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,254.82	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	7,576.32	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0685)*

40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	184.74	73.79
		For Work In Restricted Working Space, Add	*49.19*	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	222.05	90.58
		For Work In Restricted Working Space, Add	*60.38*	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	246.93	101.77
		For Work In Restricted Working Space, Add	*67.85*	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	283.90	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	299.44	124.58
		For Work In Restricted Working Space, Add	*83.05*	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	325.16	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	396.00	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	496.47	204.03
		For Work In Restricted Working Space, Add	*136.02*	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	572.07	228.99
		For Work In Restricted Working Space, Add	*152.66*	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	849.51	305.30
		For Work In Restricted Working Space, Add	*203.54*	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,458.31	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,276.71	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,931.89	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,767.82	1,058.91
		For Work In Restricted Working Space, Add	*705.94*	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,446.60	1,291.76
		For Work In Restricted Working Space, Add	*861.17*	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	5,651.53	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	7,625.08	2,164.27
		For Work In Restricted Working Space, Add	*1,442.84*	
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	10,896.87	3,289.68
		For Work In Restricted Working Space, Add	*2,193.12*	

40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0685)*

40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	176.39	61.64
		For Work In Restricted Working Space, Add	*41.10*	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	209.09	75.54
		For Work In Restricted Working Space, Add	*50.36*	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	257.04	84.87
		For Work In Restricted Working Space, Add	*56.59*	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	262.06	96.76
		For Work In Restricted Working Space, Add	*64.51*	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	278.10	103.97
		For Work In Restricted Working Space, Add	*69.32*	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	383.44	113.31
		For Work In Restricted Working Space, Add	*75.54*	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	369.33	135.81
		For Work In Restricted Working Space, Add	*90.55*	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	499.40	169.76
		For Work In Restricted Working Space, Add	*113.17*	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	712.94	193.97
		For Work In Restricted Working Space, Add	*129.31*	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,413.38	293.72
		For Work In Restricted Working Space, Add	*195.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,594.83	391.63
		For Work In Restricted Working Space, Add	*261.09*	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,395.14	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,861.21	705.75
		For Work In Restricted Working Space, Add	*470.50*	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,784.64	860.88
		For Work In Restricted Working Space, Add	*573.92*	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	6,181.50	1,096.56
		For Work In Restricted Working Space, Add	*731.04*	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,814.08	1,442.84
		For Work In Restricted Working Space, Add	*961.90*	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	13,800.68	2,191.17
		For Work In Restricted Working Space, Add	*1,460.78*	

40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0685)*

40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	137.71	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	151.95	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	169.60	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	177.45	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	193.04	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	254.99	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	297.08	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	325.20	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	451.90	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	726.64	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	940.29	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,258.10	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,784.92	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,071.68	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,565.81	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,605.88	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	5,250.45	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	161.45	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	180.14	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	203.03	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	216.54	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	217.17	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	288.34	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	331.29	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	371.59	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	531.62	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	899.40	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,237.82	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,566.84	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,370.40	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,779.32	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,444.99	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	5,011.97	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	6,920.29	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0815		**Type 316, Schedule 10 Stainless Steel Butt Weld Caps** *(40 05 23 23-0685)*		
40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	77.94	29.03
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	86.49	30.81
		For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	94.80	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	103.66	36.90
		For Work In Restricted Working Space, Add	*24.60*	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	111.95	40.75
		For Work In Restricted Working Space, Add	*27.17*	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	117.56	45.34
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	146.73	58.03
		For Work In Restricted Working Space, Add	*38.69*	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	173.73	68.01
		For Work In Restricted Working Space, Add	*45.34*	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	208.08	81.41
		For Work In Restricted Working Space, Add	*54.27*	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	271.54	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	472.78	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap	627.24	234.98
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap	924.06	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap	1,074.79	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,235.67	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,557.25	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap	2,157.87	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap	3,258.34	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0834		**Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0835		**Type 316, Schedule 40 Stainless Steel Pipe** *(40 05 23 23-0834)*		
40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	22.62	5.09
		For Work In Restricted Working Space, Add	*3.06*	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	27.47	6.23
		For Work In Restricted Working Space, Add	*3.74*	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	33.67	7.36
		For Work In Restricted Working Space, Add	*4.38*	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	42.10	9.05
		For Work In Restricted Working Space, Add	*5.48*	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	48.50	10.19
		For Work In Restricted Working Space, Add	*6.17*	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	62.17	13.01
		For Work In Restricted Working Space, Add	*7.65*	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	77.22	14.72
		For Work In Restricted Working Space, Add	*8.74*	
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	75.14	16.41
		For Work In Restricted Working Space, Add	*9.84*	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	124.44	19.24
		For Work In Restricted Working Space, Add	*11.65*	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	194.02	25.46
		For Work In Restricted Working Space, Add	*15.29*	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	344.90	46.30
		For Work In Restricted Working Space, Add	*29.90*	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	436.62	51.18
		For Work In Restricted Working Space, Add	*32.90*	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	544.16	56.65
		For Work In Restricted Working Space, Add	*36.55*	
40 05 23 23-0849		**Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows** *(40 05 23 23-0834)*		
40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	137.25	58.06
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	145.18	61.62
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	159.97	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	174.23	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	192.13	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	216.78	90.68
		For Work In Restricted Working Space, Add	*60.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	289.37	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	343.20	136.02
		For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	436.93	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	681.63	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,215.04	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,987.41	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,832.54	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,167.12	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,844.35	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,908.51	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,628.69	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	9,620.83	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	140.30	58.06
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	148.23	61.62
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	161.80	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	175.12	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	193.96	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	216.78	90.68
		For Work In Restricted Working Space, Add	*60.45*	
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	289.37	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	331.29	136.02
		For Work In Restricted Working Space, Add	*90.68*	
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	414.32	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	588.78	203.38
		For Work In Restricted Working Space, Add	*135.59*	
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,051.45	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,610.40	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,327.83	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,644.76	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,987.37	938.12
		For Work In Restricted Working Space, Add	*625.42*	
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,841.63	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,221.36	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	7,741.39	2,349.77
		For Work In Restricted Working Space, Add	*1,566.51*	

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

40 05 23 23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	186.57	73.79
		For Work In Restricted Working Space, Add	*49.19*	
40 05 23 23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	223.88	90.58
		For Work In Restricted Working Space, Add	*60.38*	
40 05 23 23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee	248.76	101.77
		For Work In Restricted Working Space, Add	*67.85*	
40 05 23 23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	286.56	116.06
		For Work In Restricted Working Space, Add	*77.37*	
40 05 23 23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	299.44	124.58
		For Work In Restricted Working Space, Add	*83.05*	
40 05 23 23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee	326.38	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	406.88	162.80
		For Work In Restricted Working Space, Add	*108.54*	
40 05 23 23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee	502.27	204.03
		For Work In Restricted Working Space, Add	*136.02*	
40 05 23 23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee	582.15	228.99
		For Work In Restricted Working Space, Add	*152.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee	921.29	305.30
		For Work In Restricted Working Space, Add	*203.54*	
40 05 23 23-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,642.72	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee	2,763.59	704.93
		For Work In Restricted Working Space, Add	*469.95*	
40 05 23 23-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee	3,398.66	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee	4,865.84	1,058.91
		For Work In Restricted Working Space, Add	*705.94*	
40 05 23 23-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee	6,028.88	1,291.76
		For Work In Restricted Working Space, Add	*861.17*	
40 05 23 23-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee	7,808.45	1,644.84
		For Work In Restricted Working Space, Add	*1,096.56*	
40 05 23 23-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee	10,145.05	2,164.27
		For Work In Restricted Working Space, Add	*1,442.84*	
40 05 23 23-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee	14,536.42	3,289.68
		For Work In Restricted Working Space, Add	*2,193.12*	

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

40 05 23 23-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	182.19	61.64
		For Work In Restricted Working Space, Add	*41.10*	
40 05 23 23-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	213.06	75.54
		For Work In Restricted Working Space, Add	*50.36*	
40 05 23 23-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	281.47	84.87
		For Work In Restricted Working Space, Add	*56.59*	
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	271.52	96.76
		For Work In Restricted Working Space, Add	*64.51*	
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	278.10	103.97
		For Work In Restricted Working Space, Add	*69.32*	
40 05 23 23-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	385.27	113.31
		For Work In Restricted Working Space, Add	*75.54*	
40 05 23 23-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	382.46	135.81
		For Work In Restricted Working Space, Add	*90.55*	
40 05 23 23-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	512.54	169.76
		For Work In Restricted Working Space, Add	*113.17*	
40 05 23 23-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	721.19	193.97
		For Work In Restricted Working Space, Add	*129.31*	
40 05 23 23-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,251.09	293.72
		For Work In Restricted Working Space, Add	*195.81*	
40 05 23 23-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,635.41	391.63
		For Work In Restricted Working Space, Add	*261.09*	
40 05 23 23-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,476.29	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,950.25	705.75
		For Work In Restricted Working Space, Add	*470.50*	
40 05 23 23-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,896.15	860.88
		For Work In Restricted Working Space, Add	*573.92*	
40 05 23 23-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	6,326.92	1,096.56
		For Work In Restricted Working Space, Add	*731.04*	
40 05 23 23-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	9,031.85	1,442.84
		For Work In Restricted Working Space, Add	*961.90*	
40 05 23 23-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	14,147.51	2,191.17
		For Work In Restricted Working Space, Add	*1,460.78*	

40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*

40 05 23 23-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	142.60	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	156.83	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	171.82	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	182.95	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	196.40	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	265.74	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	285.17	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	329.44	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	454.04	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	790.55	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,060.69	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,344.52	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,949.53	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,246.88	702.92
		For Work In Restricted Working Space, Add	*468.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,003.42	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	4,073.98	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	5,841.53	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	177.11	56.06
		For Work In Restricted Working Space, Add	*37.37*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	188.29	61.09
		For Work In Restricted Working Space, Add	*40.73*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	218.92	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	226.01	73.81
		For Work In Restricted Working Space, Add	*49.20*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	242.22	81.51
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	288.34	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	373.44	115.96
		For Work In Restricted Working Space, Add	*77.30*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	405.19	135.87
		For Work In Restricted Working Space, Add	*90.59*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	578.35	172.98
		For Work In Restricted Working Space, Add	*115.32*	
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	883.57	281.97
		For Work In Restricted Working Space, Add	*187.98*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,265.19	352.47
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,753.55	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,636.75	616.82
		For Work In Restricted Working Space, Add	*411.21*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,038.01	702.92
		For Work In Restricted Working Space, Add	*468.62*	
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,084.90	881.16
		For Work In Restricted Working Space, Add	*587.44*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,250.62	1,174.89
		For Work In Restricted Working Space, Add	*783.26*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	7,871.54	1,762.33
		For Work In Restricted Working Space, Add	*1,174.89*	

40 05 23 23-0959 Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0834)*

40 05 23 23-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	78.55	29.03
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	86.19	30.81
		For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	95.41	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	109.32	36.90
		For Work In Restricted Working Space, Add	*24.60*	
40 05 23 23-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	107.37	40.75
		For Work In Restricted Working Space, Add	*27.17*	
40 05 23 23-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	121.83	45.34
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	152.28	58.03
		For Work In Restricted Working Space, Add	*38.69*	
40 05 23 23-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	174.65	68.01
		For Work In Restricted Working Space, Add	*45.34*	
40 05 23 23-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	214.80	81.41
		For Work In Restricted Working Space, Add	*54.27*	
40 05 23 23-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	299.64	101.86
		For Work In Restricted Working Space, Add	*67.90*	
40 05 23 23-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	525.56	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	704.91	234.98
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	1,051.10	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,197.91	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,345.94	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,718.72	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	2,361.14	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	3,654.20	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-0978 Valves *(40 05 23 23-0231)*

40 05 23 23-0979 Gate Valves, Class 150 *(40 05 23 23-0978)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	705.51	58.11
		For Work In Restricted Working Space, Add	*21.79*	
		For Class 200, Deduct	*-169.29*	
		For Class 300, Add	*594.90*	
40 05 23 23-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	765.99	60.54
		For Work In Restricted Working Space, Add	*25.43*	
		For Class 200, Deduct	*-182.23*	
		For Class 300, Add	*640.36*	
40 05 23 23-0982	EA	1" Gate Valve, Stainless Steel, Flanged	943.09	90.81
		For Work In Restricted Working Space, Add	*34.27*	
		For Class 200, Deduct	*-221.72*	
		For Class 300, Add	*779.13*	
40 05 23 23-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	1,190.29	105.94
		For Work In Restricted Working Space, Add	*39.48*	
		For Class 200, Deduct	*-283.20*	
		For Class 300, Add	*995.16*	
40 05 23 23-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	1,340.27	133.37
		For Work In Restricted Working Space, Add	*50.01*	
		For Class 200, Deduct	*-313.93*	
		For Class 300, Add	*1,103.16*	
40 05 23 23-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,590.63	161.40
		For Work In Restricted Working Space, Add	*60.54*	
		For Class 200, Deduct	*-371.51*	
		For Class 300, Add	*1,305.50*	
40 05 23 23-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	2,292.17	175.56
		For Work In Restricted Working Space, Add	*66.05*	
		For Class 300, Add	*1,947.70*	
40 05 23 23-0987	EA	3" Gate Valve, Stainless Steel, Flanged	2,580.72	205.84
		For Work In Restricted Working Space, Add	*77.29*	
		For Class 300, Add	*2,183.71*	
40 05 23 23-0988	EA	4" Gate Valve, Stainless Steel, Flanged	3,404.22	345.08
		For Work In Restricted Working Space, Add	*129.73*	
		For Class 300, Add	*2,793.49*	
40 05 23 23-0989	EA	6" Gate Valve, Stainless Steel, Flanged	5,712.51	435.89
		For Work In Restricted Working Space, Add	*164.04*	
		For Class 300, Add	*4,855.76*	
40 05 23 23-0990	EA	8" Gate Valve, Stainless Steel, Flanged	12,513.05	556.97
		For Work In Restricted Working Space, Add	*207.57*	
		For Class 300, Add	*11,111.89*	
40 05 23 23-0991	EA	10" Gate Valve, Stainless Steel, Flanged	17,647.81	678.05
		For Work In Restricted Working Space, Add	*254.27*	
		For Class 300, Add	*15,792.24*	
40 05 23 23-0992	EA	12" Gate Valve, Stainless Steel, Flanged	26,595.28	823.34
		For Work In Restricted Working Space, Add	*308.20*	
		For Class 300, Add	*24,033.86*	

40 05 23 23-0993 Globe Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	966.66	58.11
		For Work In Restricted Working Space, Add	*21.79*	
		For Class 200, Deduct	*-239.15*	
		For Class 300, Add	*840.38*	
40 05 23 23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	1,069.47	60.54
		For Work In Restricted Working Space, Add	*25.43*	
		For Class 200, Deduct	*-263.41*	
		For Class 300, Add	*925.63*	
40 05 23 23-0996	EA	1" Globe Valve, Stainless Steel, Flanged	1,332.16	90.81
		For Work In Restricted Working Space, Add	*34.27*	
		For Class 200, Deduct	*-325.80*	
		For Class 300, Add	*1,144.85*	
40 05 23 23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,980.64	133.37
		For Work In Restricted Working Space, Add	*50.01*	
		For Class 200, Deduct	*-485.23*	
		For Class 300, Add	*1,705.10*	
40 05 23 23-0998	EA	2" Globe Valve, Stainless Steel, Flanged	2,417.41	161.40
		For Work In Restricted Working Space, Add	*60.54*	
		For Class 200, Deduct	*-592.68*	
		For Class 300, Add	*2,082.67*	
40 05 23 23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	4,884.60	175.56
		For Work In Restricted Working Space, Add	*66.05*	
		For Class 300, Add	*4,384.58*	
40 05 23 23-1000	EA	3" Globe Valve, Stainless Steel, Flanged	5,051.64	205.84
		For Work In Restricted Working Space, Add	*77.29*	
		For Class 300, Add	*4,506.38*	
40 05 23 23-1001	EA	4" Globe Valve, Stainless Steel, Flanged	6,003.83	345.08
		For Work In Restricted Working Space, Add	*129.73*	
		For Class 300, Add	*5,237.13*	
40 05 23 23-1002	EA	6" Globe Valve, Stainless Steel, Flanged	11,106.58	435.89
		For Work In Restricted Working Space, Add	*164.04*	
		For Class 300, Add	*9,926.18*	

40 05 23 23-1003 Check Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	2,192.74	175.56
		For Work In Restricted Working Space, Add	*66.05*	
		For Class 300, Add	*1,854.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1005	EA	3" Check Valve, Stainless Steel, Flanged	2,291.72	205.84
		For Work In Restricted Working Space, Add	*77.29*	
		For Class 300, Add	*1,912.05*	
40 05 23 23-1006	EA	4" Check Valve, Stainless Steel, Flanged	3,598.08	345.08
		For Work In Restricted Working Space, Add	*129.73*	
		For Class 300, Add	*2,975.72*	
40 05 23 23-1007	EA	6" Check Valve, Stainless Steel, Flanged	6,204.59	435.89
		For Work In Restricted Working Space, Add	*164.04*	
		For Class 300, Add	*5,318.31*	
40 05 23 23-1008	EA	8" Check Valve, Stainless Steel, Flanged	10,929.76	556.97
		For Work In Restricted Working Space, Add	*207.57*	
		For Class 300, Add	*9,623.60*	
40 05 23 23-1009		Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0231)*		
40 05 23 23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	93.65	35.15
		For Work In Restricted Working Space, Add	*23.44*	
40 05 23 23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	123.56	46.87
		For Work In Restricted Working Space, Add	*31.25*	
40 05 23 23-1012	EA	1", Stainless Steel Thread-o-let Fitting	152.26	58.11
		For Work In Restricted Working Space, Add	*38.75*	
40 05 23 23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	218.62	82.23
		For Work In Restricted Working Space, Add	*54.83*	
40 05 23 23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	241.95	92.74
		For Work In Restricted Working Space, Add	*61.83*	
40 05 23 23-1015	EA	2", Stainless Steel Thread-o-let Fitting	302.63	117.81
		For Work In Restricted Working Space, Add	*78.54*	
40 05 23 23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	540.56	181.62
		For Work In Restricted Working Space, Add	*121.08*	
40 05 23 23-1017	EA	3", Stainless Steel Thread-o-let Fitting	724.03	231.86
		For Work In Restricted Working Space, Add	*154.57*	
40 05 23 23-1018	EA	4", Stainless Steel Thread-o-let Fitting	954.62	290.59
		For Work In Restricted Working Space, Add	*193.73*	
40 05 23 23-1019		Stainless Steel Flanges *(40 05 23 23-0231)*		
40 05 23 23-1020		150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1021	EA	1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	73.15	19.53
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-1022	EA	3/4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	89.96	26.04
		For Work In Restricted Working Space, Add	*15.62*	
40 05 23 23-1023	EA	1", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	107.00	32.30
		For Work In Restricted Working Space, Add	*19.37*	
40 05 23 23-1024	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	145.18	45.69
		For Work In Restricted Working Space, Add	*27.41*	
40 05 23 23-1025	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	156.85	51.52
		For Work In Restricted Working Space, Add	*30.92*	
40 05 23 23-1026	EA	2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	201.38	65.44
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1027	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	300.29	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-1028	EA	3", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	360.66	205.84
		For Work In Restricted Working Space, Add	*77.29*	
40 05 23 23-1029	EA	4", 150 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	463.79	161.40
		For Work In Restricted Working Space, Add	*96.86*	
40 05 23 23-1030		300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1031	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	92.86	19.53
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-1032	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	105.88	26.04
		For Work In Restricted Working Space, Add	*15.62*	
40 05 23 23-1033	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	118.37	32.30
		For Work In Restricted Working Space, Add	*19.37*	
40 05 23 23-1034	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	173.99	45.69
		For Work In Restricted Working Space, Add	*27.41*	
40 05 23 23-1035	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	185.66	51.52
		For Work In Restricted Working Space, Add	*30.92*	
40 05 23 23-1036	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	230.92	65.44
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1037	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	366.22	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-1038	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	428.08	205.84
		For Work In Restricted Working Space, Add	*77.29*	
40 05 23 23-1039	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Threaded Flange	567.60	161.40
		For Work In Restricted Working Space, Add	*96.86*	
40 05 23 23-1040		150 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1041	EA	1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	98.59	29.02
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-1042	EA	3/4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	106.35	30.81
		For Work In Restricted Working Space, Add	*20.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1043	EA	1", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	119.19	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-1044	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	144.99	36.93
		For Work In Restricted Working Space, Add	*24.62*	
40 05 23 23-1045	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	153.38	40.71
		For Work In Restricted Working Space, Add	*27.14*	
40 05 23 23-1046	EA	2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	170.50	45.35
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-1047	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	234.21	57.99
		For Work In Restricted Working Space, Add	*38.66*	
40 05 23 23-1048	EA	3", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	266.05	67.89
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1049	EA	4", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	341.41	81.34
		For Work In Restricted Working Space, Add	*54.23*	
40 05 23 23-1050	EA	6", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	503.18	101.64
		For Work In Restricted Working Space, Add	*67.76*	
40 05 23 23-1051	EA	8", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	861.35	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-1052	EA	10", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	1,215.39	234.97
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-1053	EA	12", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	1,865.12	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1054	EA	14", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	2,319.69	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1055	EA	16", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	2,876.94	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-1056	EA	18", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	3,534.07	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-1057	EA	20", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	4,604.14	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-1058	EA	24", 150 Lb., Type 304 Stainless Steel Weld Neck Flange	6,545.47	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-1059 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1060	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	122.09	29.02
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-1061	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	126.06	30.81
		For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-1062	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	132.85	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-1063	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	171.46	36.93
		For Work In Restricted Working Space, Add	*24.62*	
40 05 23 23-1064	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	179.85	40.71
		For Work In Restricted Working Space, Add	*27.14*	
40 05 23 23-1065	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	193.22	45.35
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-1066	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	273.58	57.99
		For Work In Restricted Working Space, Add	*38.66*	
40 05 23 23-1067	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	309.98	67.89
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1068	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	444.42	81.34
		For Work In Restricted Working Space, Add	*54.23*	
40 05 23 23-1069	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	619.84	101.64
		For Work In Restricted Working Space, Add	*67.76*	
40 05 23 23-1070	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	1,152.27	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-1071	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	1,599.52	234.97
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-1072	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	2,353.06	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1073	EA	14", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	3,091.01	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1074	EA	16", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	3,799.36	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-1075	EA	18", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	4,847.56	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-1076	EA	20", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	6,284.69	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-1077	EA	24", 300 Lb., Type 304 Stainless Steel Raised Face Weld Neck Flange	9,140.99	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-1078 150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1079	EA	1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	159.30	58.04
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-1080	EA	3/4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	168.00	61.61
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-1081	EA	1", 150 Lb., Type 304 Stainless Steel Slip-On Flange	184.60	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-1082	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	210.38	73.86
		For Work In Restricted Working Space, Add	*49.25*	
40 05 23 23-1083	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	227.15	81.42
		For Work In Restricted Working Space, Add	*54.28*	
40 05 23 23-1084	EA	2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	261.44	90.69
		For Work In Restricted Working Space, Add	*60.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1085	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Slip-On Flange	341.84	115.98
		For Work In Restricted Working Space, Add	*77.32*	
40 05 23 23-1086	EA	3", 150 Lb., Type 304 Stainless Steel Slip-On Flange	391.94	135.78
		For Work In Restricted Working Space, Add	*90.53*	
40 05 23 23-1087	EA	4", 150 Lb., Type 304 Stainless Steel Slip-On Flange	484.32	162.71
		For Work In Restricted Working Space, Add	*108.47*	
40 05 23 23-1088	EA	6", 150 Lb., Type 304 Stainless Steel Slip-On Flange	638.89	203.27
		For Work In Restricted Working Space, Add	*135.52*	
40 05 23 23-1089	EA	8", 150 Lb., Type 304 Stainless Steel Slip-On Flange	1,137.08	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1090	EA	10" 150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	1,593.61	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-1091	EA	12" 150 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	2,377.93	704.92
		For Work In Restricted Working Space, Add	*469.95*	

40 05 23 23-1092 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1093	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Neck Slip-On Flange	174.46	58.04
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-1094	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	182.39	61.61
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-1095	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	195.97	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-1096	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	233.88	73.86
		For Work In Restricted Working Space, Add	*49.25*	
40 05 23 23-1097	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	250.65	81.42
		For Work In Restricted Working Space, Add	*54.28*	
40 05 23 23-1098	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	277.32	90.69
		For Work In Restricted Working Space, Add	*60.47*	
40 05 23 23-1099	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	400.96	115.98
		For Work In Restricted Working Space, Add	*77.32*	
40 05 23 23-1100	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	451.02	135.78
		For Work In Restricted Working Space, Add	*90.53*	
40 05 23 23-1101	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	566.13	162.71
		For Work In Restricted Working Space, Add	*108.47*	
40 05 23 23-1102	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	869.96	203.27
		For Work In Restricted Working Space, Add	*135.52*	
40 05 23 23-1103	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	1,370.41	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1104	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	1,969.40	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-1105	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Slip-On Flange	2,861.31	704.92
		For Work In Restricted Working Space, Add	*469.95*	

40 05 23 23-1106 150 Lb., Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1107	EA	1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	58.13	11.60
		For Work In Restricted Working Space, Add	*7.74*	
40 05 23 23-1108	EA	3/4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	60.72	12.31
		For Work In Restricted Working Space, Add	*8.22*	
40 05 23 23-1109	EA	1", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	65.73	13.54
		For Work In Restricted Working Space, Add	*9.03*	
40 05 23 23-1110	EA	1-1/4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	84.27	15.07
		For Work In Restricted Working Space, Add	*10.05*	
40 05 23 23-1111	EA	1-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	96.04	20.37
		For Work In Restricted Working Space, Add	*13.58*	
40 05 23 23-1112	EA	2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	113.16	22.61
		For Work In Restricted Working Space, Add	*15.08*	
40 05 23 23-1113	EA	2-1/2", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	154.00	29.07
		For Work In Restricted Working Space, Add	*19.39*	
40 05 23 23-1114	EA	3", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	189.03	40.74
		For Work In Restricted Working Space, Add	*27.16*	
40 05 23 23-1115	EA	4", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	288.76	67.88
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1116	EA	6", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	395.51	87.29
		For Work In Restricted Working Space, Add	*58.19*	
40 05 23 23-1117	EA	8", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	612.65	109.66
		For Work In Restricted Working Space, Add	*73.10*	
40 05 23 23-1118	EA	10", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	933.37	131.59
		For Work In Restricted Working Space, Add	*87.73*	
40 05 23 23-1119	EA	12", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,232.99	164.48
		For Work In Restricted Working Space, Add	*109.66*	
40 05 23 23-1120	EA	14", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,566.60	205.61
		For Work In Restricted Working Space, Add	*137.07*	
40 05 23 23-1121	EA	16", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,014.09	234.53
		For Work In Restricted Working Space, Add	*156.35*	
40 05 23 23-1122	EA	18", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,385.13	293.72
		For Work In Restricted Working Space, Add	*195.82*	
40 05 23 23-1123	EA	20", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	3,173.12	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1124	EA	24", 150 Lb., Type 304 Stainless Steel Raised Face Blind Flange	4,618.57	587.44
		For Work In Restricted Working Space, Add	*391.63*	

40 05 23 23-1125 300 Lb., Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1126	EA	1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	73.55	11.60
		For Work In Restricted Working Space, Add	*7.74*	
40 05 23 23-1127	EA	3/4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	75.14	12.31
		For Work In Restricted Working Space, Add	*8.22*	
40 05 23 23-1128	EA	1", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	77.86	13.54
		For Work In Restricted Working Space, Add	*9.03*	
40 05 23 23-1129	EA	1-1/4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	98.65	15.07
		For Work In Restricted Working Space, Add	*10.05*	
40 05 23 23-1130	EA	1-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	110.42	20.37
		For Work In Restricted Working Space, Add	*13.58*	
40 05 23 23-1131	EA	2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	120.73	22.61
		For Work In Restricted Working Space, Add	*15.08*	
40 05 23 23-1132	EA	2-1/2", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	207.04	29.07
		For Work In Restricted Working Space, Add	*19.39*	
40 05 23 23-1133	EA	3", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	238.66	40.74
		For Work In Restricted Working Space, Add	*27.16*	
40 05 23 23-1134	EA	4", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	350.86	67.88
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1135	EA	6", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	651.57	87.29
		For Work In Restricted Working Space, Add	*58.19*	
40 05 23 23-1136	EA	8", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	918.72	109.66
		For Work In Restricted Working Space, Add	*73.10*	
40 05 23 23-1137	EA	10", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,306.10	131.59
		For Work In Restricted Working Space, Add	*87.73*	
40 05 23 23-1138	EA	12", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	1,804.99	164.48
		For Work In Restricted Working Space, Add	*109.66*	
40 05 23 23-1139	EA	14", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	2,520.63	205.61
		For Work In Restricted Working Space, Add	*137.07*	
40 05 23 23-1140	EA	16", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	3,218.59	234.53
		For Work In Restricted Working Space, Add	*156.35*	
40 05 23 23-1141	EA	18", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	4,197.89	293.72
		For Work In Restricted Working Space, Add	*195.82*	
40 05 23 23-1142	EA	20", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	5,323.86	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1143	EA	24", 300 Lb., Type 304 Stainless Steel Raised Face Blind Flange	8,156.01	587.44
		For Work In Restricted Working Space, Add	*391.63*	

40 05 23 23-1144 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1145	EA	1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	86.81	19.53
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-1146	EA	3/4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	107.41	26.04
		For Work In Restricted Working Space, Add	*15.62*	
40 05 23 23-1147	EA	1", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	123.65	32.30
		For Work In Restricted Working Space, Add	*19.37*	
40 05 23 23-1148	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	170.16	45.69
		For Work In Restricted Working Space, Add	*27.41*	
40 05 23 23-1149	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	181.83	51.52
		For Work In Restricted Working Space, Add	*30.92*	
40 05 23 23-1150	EA	2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	228.66	65.44
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1151	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	339.70	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-1152	EA	3", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	411.44	205.84
		For Work In Restricted Working Space, Add	*77.29*	
40 05 23 23-1153	EA	4", 150 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	535.00	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-1154 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1155	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	112.56	19.53
		For Work In Restricted Working Space, Add	*11.72*	
40 05 23 23-1156	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	125.58	26.04
		For Work In Restricted Working Space, Add	*15.62*	
40 05 23 23-1157	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	138.07	32.30
		For Work In Restricted Working Space, Add	*19.37*	
40 05 23 23-1158	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	211.87	45.69
		For Work In Restricted Working Space, Add	*27.41*	
40 05 23 23-1159	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	223.54	51.52
		For Work In Restricted Working Space, Add	*30.92*	
40 05 23 23-1160	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	264.25	65.44
		For Work In Restricted Working Space, Add	*39.27*	
40 05 23 23-1161	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	441.21	100.86
		For Work In Restricted Working Space, Add	*60.54*	
40 05 23 23-1162	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	504.61	205.84
		For Work In Restricted Working Space, Add	*77.29*	
40 05 23 23-1163	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Threaded Flange	689.55	161.40
		For Work In Restricted Working Space, Add	*96.86*	

40 05 23 23-1164 150 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1165	EA	1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	116.00	29.02
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-1166	EA	3/4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	123.80	30.81
		For Work In Restricted Working Space, Add	*20.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1167	EA	1", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	138.89	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-1168	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	170.74	36.93
		For Work In Restricted Working Space, Add	*24.62*	
40 05 23 23-1169	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	179.13	40.71
		For Work In Restricted Working Space, Add	*27.14*	
40 05 23 23-1170	EA	2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	197.01	45.35
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-1171	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	278.86	57.99
		For Work In Restricted Working Space, Add	*38.66*	
40 05 23 23-1172	EA	3", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	306.19	67.89
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1173	EA	4", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	409.60	81.34
		For Work In Restricted Working Space, Add	*54.23*	
40 05 23 23-1174	EA	6", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	621.37	101.64
		For Work In Restricted Working Space, Add	*67.76*	
40 05 23 23-1175	EA	8", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	1,043.95	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-1176	EA	10", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	1,519.97	234.97
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-1177	EA	12", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	2,267.46	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1178	EA	14", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	2,652.91	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1179	EA	16", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	3,311.77	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-1180	EA	18", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	4,062.29	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-1181	EA	20", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	5,262.23	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-1182	EA	24", 150 Lb., Type 316 Stainless Steel Weld Neck Flange	7,478.03	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-1183 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1184	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	144.82	29.02
		For Work In Restricted Working Space, Add	*19.35*	
40 05 23 23-1185	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	148.79	30.81
		For Work In Restricted Working Space, Add	*20.54*	
40 05 23 23-1186	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	155.58	33.86
		For Work In Restricted Working Space, Add	*22.58*	
40 05 23 23-1187	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	202.57	36.93
		For Work In Restricted Working Space, Add	*24.62*	
40 05 23 23-1188	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	210.96	40.71
		For Work In Restricted Working Space, Add	*27.14*	
40 05 23 23-1189	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	231.11	45.35
		For Work In Restricted Working Space, Add	*30.23*	
40 05 23 23-1190	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	338.75	57.99
		For Work In Restricted Working Space, Add	*38.66*	
40 05 23 23-1191	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	371.35	67.89
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1192	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	558.06	81.34
		For Work In Restricted Working Space, Add	*54.23*	
40 05 23 23-1193	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	900.92	101.64
		For Work In Restricted Working Space, Add	*67.76*	
40 05 23 23-1194	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	1,439.44	176.23
		For Work In Restricted Working Space, Add	*117.49*	
40 05 23 23-1195	EA	10", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	2,064.69	234.97
		For Work In Restricted Working Space, Add	*156.65*	
40 05 23 23-1196	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	3,036.41	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1197	EA	14", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	4,084.92	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1198	EA	16", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	5,057.94	469.06
		For Work In Restricted Working Space, Add	*312.71*	
40 05 23 23-1199	EA	18", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	6,464.56	587.44
		For Work In Restricted Working Space, Add	*391.63*	
40 05 23 23-1200	EA	20", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	8,319.38	822.42
		For Work In Restricted Working Space, Add	*548.28*	
40 05 23 23-1201	EA	24", 300 Lb., Type 316 Stainless Steel Raised Face Weld Neck Flange	12,122.02	1,174.88
		For Work In Restricted Working Space, Add	*783.26*	

40 05 23 23-1202 150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1203	EA	1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	168.41	58.04
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-1204	EA	3/4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	181.66	61.61
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-1205	EA	1", 150 Lb., Type 316 Stainless Steel Slip-On Flange	200.25	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-1206	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	267.47	73.86
		For Work In Restricted Working Space, Add	*49.25*	
40 05 23 23-1207	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	245.33	81.42
		For Work In Restricted Working Space, Add	*54.28*	
40 05 23 23-1208	EA	2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	265.96	90.69
		For Work In Restricted Working Space, Add	*60.47*	

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Riverside University HEALTH SYSTEM

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1209	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Slip-On Flange	338.82	115.98
		For Work In Restricted Working Space, Add	*77.32*	
40 05 23 23-1210	EA	3", 150 Lb., Type 316 Stainless Steel Slip-On Flange	417.69	135.78
		For Work In Restricted Working Space, Add	*90.53*	
40 05 23 23-1211	EA	4", 150 Lb., Type 316 Stainless Steel Slip-On Flange	538.84	162.71
		For Work In Restricted Working Space, Add	*108.47*	
40 05 23 23-1212	EA	6", 150 Lb., Type 316 Stainless Steel Slip-On Flange	719.93	203.27
		For Work In Restricted Working Space, Add	*135.52*	
40 05 23 23-1213	EA	8", 150 Lb., Type 316 Stainless Steel Slip-On Flange	1,304.49	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1214	EA	10" 150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,822.43	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-1215	EA	12" 150 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	2,684.00	704.92
		For Work In Restricted Working Space, Add	*469.95*	

40 05 23 23-1216 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1217	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Neck Slip-On Flange	189.61	58.04
		For Work In Restricted Working Space, Add	*38.70*	
40 05 23 23-1218	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	197.54	61.61
		For Work In Restricted Working Space, Add	*41.08*	
40 05 23 23-1219	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	211.12	67.72
		For Work In Restricted Working Space, Add	*45.15*	
40 05 23 23-1220	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	263.42	73.86
		For Work In Restricted Working Space, Add	*49.25*	
40 05 23 23-1221	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	280.19	81.42
		For Work In Restricted Working Space, Add	*54.28*	
40 05 23 23-1222	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	305.25	90.69
		For Work In Restricted Working Space, Add	*60.47*	
40 05 23 23-1223	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	466.85	115.98
		For Work In Restricted Working Space, Add	*77.32*	
40 05 23 23-1224	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	518.44	135.78
		For Work In Restricted Working Space, Add	*90.53*	
40 05 23 23-1225	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	670.66	162.71
		For Work In Restricted Working Space, Add	*108.47*	
40 05 23 23-1226	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,022.25	203.27
		For Work In Restricted Working Space, Add	*135.52*	
40 05 23 23-1227	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	1,527.26	352.46
		For Work In Restricted Working Space, Add	*234.98*	
40 05 23 23-1228	EA	10" 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	2,480.02	469.95
		For Work In Restricted Working Space, Add	*313.30*	
40 05 23 23-1229	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Slip-On Flange	3,311.33	704.92
		For Work In Restricted Working Space, Add	*469.95*	

40 05 23 23-1230 150 Lb., Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1231	EA	1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	65.21	11.60
		For Work In Restricted Working Space, Add	*7.74*	
40 05 23 23-1232	EA	3/4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	73.61	12.31
		For Work In Restricted Working Space, Add	*8.22*	
40 05 23 23-1233	EA	1", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	83.14	13.54
		For Work In Restricted Working Space, Add	*9.03*	
40 05 23 23-1234	EA	1-1/4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	97.89	15.07
		For Work In Restricted Working Space, Add	*10.05*	
40 05 23 23-1235	EA	1-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	109.66	20.37
		For Work In Restricted Working Space, Add	*13.58*	
40 05 23 23-1236	EA	2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	135.88	22.61
		For Work In Restricted Working Space, Add	*15.08*	
40 05 23 23-1237	EA	2-1/2", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	189.63	29.07
		For Work In Restricted Working Space, Add	*19.39*	
40 05 23 23-1238	EA	3", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	228.44	40.74
		For Work In Restricted Working Space, Add	*27.16*	
40 05 23 23-1239	EA	4", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	355.42	67.88
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1240	EA	6", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	502.35	87.29
		For Work In Restricted Working Space, Add	*58.19*	
40 05 23 23-1241	EA	8", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	867.95	109.66
		For Work In Restricted Working Space, Add	*73.10*	
40 05 23 23-1242	EA	10", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,134.91	131.59
		For Work In Restricted Working Space, Add	*87.73*	
40 05 23 23-1243	EA	12", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,814.10	164.48
		For Work In Restricted Working Space, Add	*109.66*	
40 05 23 23-1244	EA	14", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,161.55	205.61
		For Work In Restricted Working Space, Add	*137.07*	
40 05 23 23-1245	EA	16", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,814.49	234.53
		For Work In Restricted Working Space, Add	*156.35*	
40 05 23 23-1246	EA	18", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	3,313.94	293.72
		For Work In Restricted Working Space, Add	*195.82*	
40 05 23 23-1247	EA	20", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	4,384.42	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1248	EA	24", 150 Lb., Type 316 Stainless Steel Raised Face Blind Flange	6,394.87	587.44
		For Work In Restricted Working Space, Add	*391.63*	

40 05 23 23-1249 300 Lb., Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1250	EA	1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	99.30	11.60
		For Work In Restricted Working Space, Add	*7.74*	
40 05 23 23-1251	EA	3/4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	100.89	12.31
		For Work In Restricted Working Space, Add	*8.22*	
40 05 23 23-1252	EA	1", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	103.61	13.54
		For Work In Restricted Working Space, Add	*9.03*	
40 05 23 23-1253	EA	1-1/4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	153.98	15.07
		For Work In Restricted Working Space, Add	*10.05*	
40 05 23 23-1254	EA	1-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	165.75	20.37
		For Work In Restricted Working Space, Add	*13.58*	
40 05 23 23-1255	EA	2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	183.60	22.61
		For Work In Restricted Working Space, Add	*15.08*	
40 05 23 23-1256	EA	2-1/2", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	304.03	29.07
		For Work In Restricted Working Space, Add	*19.39*	
40 05 23 23-1257	EA	3", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	337.53	40.74
		For Work In Restricted Working Space, Add	*27.16*	
40 05 23 23-1258	EA	4", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	517.54	67.88
		For Work In Restricted Working Space, Add	*45.26*	
40 05 23 23-1259	EA	6", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	935.72	87.29
		For Work In Restricted Working Space, Add	*58.19*	
40 05 23 23-1260	EA	8", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	1,212.70	109.66
		For Work In Restricted Working Space, Add	*73.10*	
40 05 23 23-1261	EA	10", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,160.71	131.59
		For Work In Restricted Working Space, Add	*87.73*	
40 05 23 23-1262	EA	12", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	2,636.11	164.48
		For Work In Restricted Working Space, Add	*109.66*	
40 05 23 23-1263	EA	14", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	3,797.19	205.61
		For Work In Restricted Working Space, Add	*137.07*	
40 05 23 23-1264	EA	16", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	4,887.12	234.53
		For Work In Restricted Working Space, Add	*156.35*	
40 05 23 23-1265	EA	18", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	6,390.81	293.72
		For Work In Restricted Working Space, Add	*195.82*	
40 05 23 23-1266	EA	20", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	8,051.76	411.21
		For Work In Restricted Working Space, Add	*274.14*	
40 05 23 23-1267	EA	24", 300 Lb., Type 316 Stainless Steel Raised Face Blind Flange	12,393.54	587.44
		For Work In Restricted Working Space, Add	*391.63*	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high-pressure air (8000 PSIG working pressure).

40 05 23 23-1269 Type 316 Seamless Annealed Tubing *(40 05 23 23-1268)*

40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	20.09
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	24.58
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	29.62

40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 23-1268)*

Note: Pressure rating 5,000 PSI minimum. Includes front and back ferrules.

40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	68.40
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	71.20
40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	109.08
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	67.75
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	111.83
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	83.59
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	105.11
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	161.94
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	103.26
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	158.95
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	100.29
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	130.24
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	216.34
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	179.06
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	220.14

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) *(40 05 23 23-1268)*

40 05 23 23-1290 Needle Valves *(40 05 23 23-1289)*

40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	417.30
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	665.34

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 23-1289)*

40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	400.51

40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI *(40 05 23 23-1289)*

40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,677.81
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	416.82
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	78.21

40 05 31 Thermoplastic Process Pipe *(40 05)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 43		**Polypropylene Process Pipe** *(40 05 31)*		
40 05 31 43-0001		Polypropylene (PP) Lined Steel Piping System *(40 05 31 43)*		
40 05 31 43-0002		Polypropylene (PP) Lined Pipe And Fittings *(40 05 31 43-0001)*		
40 05 31 43-0003		Pipe *(40 05 31 43-0002)*		
40 05 31 43-0004	LF	3/4" Polypropylene (PP) Lined Pipe	87.63	2.34
40 05 31 43-0005	LF	1" Polypropylene (PP) Lined Pipe	88.03	2.57
40 05 31 43-0006	LF	1-1/4" Polypropylene (PP) Lined Pipe	119.03	2.79
40 05 31 43-0007	LF	1-1/2" Polypropylene (PP) Lined Pipe	119.13	2.79
40 05 31 43-0008	LF	2" Polypropylene (PP) Lined Pipe	114.54	3.35
40 05 31 43-0009	LF	2-1/2" Polypropylene (PP) Lined Pipe	167.84	4.01
40 05 31 43-0010	LF	3" Polypropylene (PP) Lined Pipe	200.44	4.79
40 05 31 43-0011	LF	4" Polypropylene (PP) Lined Pipe	295.56	7.25
40 05 31 43-0012	LF	6" Polypropylene (PP) Lined Pipe	508.84	9.58
40 05 31 43-0013	LF	8" Polypropylene (PP) Lined Pipe	789.54	11.48
40 05 31 43-0014		90 Degree Elbows *(40 05 31 43-0002)*		
40 05 31 43-0015	EA	3/4" 90 Degree Elbow, Polypropylene (PP) Lined	670.94	9.58
40 05 31 43-0016	EA	1" 90 Degree Elbow, Polypropylene (PP) Lined	676.69	11.93
40 05 31 43-0017	EA	1-1/4" 90 Degree Elbow, Polypropylene (PP) Lined	710.09	16.83
40 05 31 43-0018	EA	1-1/2" 90 Degree Elbow, Polypropylene (PP) Lined	715.46	18.95
40 05 31 43-0019	EA	2" 90 Degree Elbow, Polypropylene (PP) Lined	824.56	24.07
40 05 31 43-0020	EA	2-1/2" 90 Degree Elbow, Polypropylene (PP) Lined	1,046.08	35.66
40 05 31 43-0021	EA	3" 90 Degree Elbow, Polypropylene (PP) Lined	1,266.81	46.92
40 05 31 43-0022	EA	4" 90 Degree Elbow, Polypropylene (PP) Lined	1,872.58	55.73
40 05 31 43-0023	EA	6" 90 Degree Elbow, Polypropylene (PP) Lined	2,909.58	63.64
40 05 31 43-0024	EA	8" 90 Degree Elbow, Polypropylene (PP) Lined	4,551.83	80.24
40 05 31 43-0025		45 Degree Elbows *(40 05 31 43-0002)*		
40 05 31 43-0026	EA	3/4" 45 Degree Elbow, Polypropylene (PP) Lined	592.90	9.58
40 05 31 43-0027	EA	1" 45 Degree Elbow, Polypropylene (PP) Lined	598.65	11.93
40 05 31 43-0028	EA	1-1/4" 45 Degree Elbow, Polypropylene (PP) Lined	680.14	16.83
40 05 31 43-0029	EA	1-1/2" 45 Degree Elbow, Polypropylene (PP) Lined	685.51	18.95
40 05 31 43-0030	EA	2" 45 Degree Elbow, Polypropylene (PP) Lined	789.47	24.07
40 05 31 43-0031	EA	2-1/2" 45 Degree Elbow, Polypropylene (PP) Lined	1,057.29	35.66
40 05 31 43-0032	EA	3" 45 Degree Elbow, Polypropylene (PP) Lined	1,321.18	46.92
40 05 31 43-0033	EA	4" 45 Degree Elbow, Polypropylene (PP) Lined	1,732.94	55.73
40 05 31 43-0034	EA	6" 45 Degree Elbow, Polypropylene (PP) Lined	3,010.15	63.64
40 05 31 43-0035	EA	8" 45 Degree Elbow, Polypropylene (PP) Lined	4,586.31	74.34
40 05 31 43-0036		Tees *(40 05 31 43-0002)*		
40 05 31 43-0037	EA	3/4" Tee, Polypropylene (PP) Lined	905.66	14.38
40 05 31 43-0038	EA	1" Tee, Polypropylene (PP) Lined	917.13	18.95
40 05 31 43-0039	EA	1-1/4" Tee, Polypropylene (PP) Lined	1,082.26	24.07
40 05 31 43-0040	EA	1-1/2" Tee, Polypropylene (PP) Lined	1,093.93	28.75
40 05 31 43-0041	EA	2" Tee, Polypropylene (PP) Lined	1,251.22	35.66
40 05 31 43-0042	EA	2-1/2" Tee, Polypropylene (PP) Lined	1,471.00	46.92
40 05 31 43-0043	EA	3" Tee, Polypropylene (PP) Lined	1,684.62	55.73
40 05 31 43-0044	EA	4" Tee, Polypropylene (PP) Lined	2,200.31	74.34
40 05 31 43-0045	EA	6" Tee, Polypropylene (PP) Lined	2,998.54	95.85
40 05 31 43-0046	EA	8" Tee, Polypropylene (PP) Lined	5,682.29	118.81
40 05 31 43-0047		Crosses *(40 05 31 43-0002)*		
40 05 31 43-0048	EA	3/4" Cross, Polypropylene (PP) Lined	1,293.46	19.17
40 05 31 43-0049	EA	1" Cross, Polypropylene (PP) Lined	1,305.71	24.07
40 05 31 43-0050	EA	1-1/4" Cross, Polypropylene (PP) Lined	1,595.19	33.89
40 05 31 43-0051	EA	1-1/2" Cross, Polypropylene (PP) Lined	1,605.35	37.90
40 05 31 43-0052	EA	2" Cross, Polypropylene (PP) Lined	1,816.70	48.15
40 05 31 43-0053	EA	2-1/2" Cross, Polypropylene (PP) Lined	2,112.24	71.33
40 05 31 43-0054	EA	3" Cross, Polypropylene (PP) Lined	2,799.42	93.62
40 05 31 43-0055	EA	4" Cross, Polypropylene (PP) Lined	3,143.62	111.45
40 05 31 43-0056	EA	6" Cross, Polypropylene (PP) Lined	5,479.19	127.50
40 05 31 43-0057	EA	8" Cross, Polypropylene (PP) Lined	6,931.49	148.79
40 05 31 43-0058		Reducers *(40 05 31 43-0002)*		
40 05 31 43-0059	EA	1" Reducer, Polypropylene (PP) Lined	1,192.82	11.93
40 05 31 43-0060	EA	1-1/4" Reducer, Polypropylene (PP) Lined	1,205.16	16.83
40 05 31 43-0061	EA	1-1/2" Reducer, Polypropylene (PP) Lined	1,210.53	18.95
40 05 31 43-0062	EA	2" Reducer, Polypropylene (PP) Lined	1,426.29	24.07
40 05 31 43-0063	EA	2-1/2" Reducer, Polypropylene (PP) Lined	1,650.37	35.66
40 05 31 43-0064	EA	3" Reducer, Polypropylene (PP) Lined	1,842.45	46.92
40 05 31 43-0065	EA	4" Reducer, Polypropylene (PP) Lined	2,403.06	55.73
40 05 31 43-0066	EA	6" Reducer, Polypropylene (PP) Lined	3,316.76	63.64
40 05 31 43-0067	EA	8" Reducer, Polypropylene (PP) Lined	5,361.15	74.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 43-0068		**Unions** *(40 05 31 43-0002)*		
40 05 31 43-0069	EA	3/4" Union, Polypropylene (PP) Lined	985.45	14.38
40 05 31 43-0070	EA	1" Union, Polypropylene (PP) Lined	1,132.55	18.95
40 05 31 43-0071	EA	1-1/4" Union, Polypropylene (PP) Lined	2,211.10	24.07
40 05 31 43-0072	EA	1-1/2" Union, Polypropylene (PP) Lined	2,505.70	28.75
40 05 31 43-0073	EA	2" Union, Polypropylene (PP) Lined	3,387.18	35.66
40 05 31 43-0074	EA	2-1/2" Union, Polypropylene (PP) Lined	4,922.87	46.92
40 05 31 43-0075	EA	3" Union, Polypropylene (PP) Lined	6,281.90	55.73
40 05 31 43-0076	EA	4" Union, Polypropylene (PP) Lined	9,746.46	74.34
40 05 31 43-0077	EA	6" Union, Polypropylene (PP) Lined	13,055.77	95.85
40 05 31 43-0078	EA	8" Union, Polypropylene (PP) Lined	21,441.50	118.81
40 05 31 43-0079		**Blind Flanges** *(40 05 31 43-0002)*		
40 05 31 43-0080	EA	3/4" Blind Flanges, Polypropylene (PP) Lined	195.49	14.38
40 05 31 43-0081	EA	1" Blind Flange, Polypropylene (PP) Lined	206.96	18.95
40 05 31 43-0082	EA	1-1/4" Blind Flange, Polypropylene (PP) Lined	234.73	24.07
40 05 31 43-0083	EA	1-1/2" Blind Flange, Polypropylene (PP) Lined	246.40	28.75
40 05 31 43-0084	EA	2" Blind Flange, Polypropylene (PP) Lined	283.60	35.66
40 05 31 43-0085	EA	2-1/2" Blind Flange, Polypropylene (PP) Lined	356.62	46.92
40 05 31 43-0086	EA	3" Blind Flange, Polypropylene (PP) Lined	423.47	55.73
40 05 31 43-0087	EA	4" Blind Flange, Polypropylene (PP) Lined	534.73	74.34
40 05 31 43-0088	EA	6" Blind Flange, Polypropylene (PP) Lined	797.95	95.85
40 05 31 43-0089	EA	8" Blind Flange, Polypropylene (PP) Lined	1,179.45	118.81
40 05 31 43-0090		**Filler Flanges** *(40 05 31 43-0002)*		
40 05 31 43-0091	EA	1" Filler Flange, Polypropylene (PP) Lined	720.45	18.95
40 05 31 43-0092	EA	1-1/4" Filler Flange, Polypropylene (PP) Lined	902.76	24.07
40 05 31 43-0093	EA	1-1/2" Filler Flange, Polypropylene (PP) Lined	1,009.15	28.75
40 05 31 43-0094	EA	2" Filler Flange, Polypropylene (PP) Lined	1,156.03	35.66
40 05 31 43-0095	EA	2-1/2" Filler Flange, Polypropylene (PP) Lined	1,338.72	46.92
40 05 31 43-0096	EA	3" Filler Flange, Polypropylene (PP) Lined	1,515.26	55.73
40 05 31 43-0097	EA	4" Filler Flange, Polypropylene (PP) Lined	1,885.76	74.34
40 05 31 43-0098	EA	6" Filler Flange, Polypropylene (PP) Lined	2,577.71	95.85
40 05 31 43-0099	EA	8" Filler Flange, Polypropylene (PP) Lined	3,612.29	118.81
40 05 31 43-0100		**Polypropylene (PP) Lined Gate Valves** *(40 05 31 43-0001)*		
40 05 31 43-0101	EA	1" Flanged Gate Valve, Polypropylene (PP) Lined	1,991.48	93.86
40 05 31 43-0102	EA	1-1/4" Flanged Gate Valve, Polypropylene (PP) Lined	2,247.45	105.59
40 05 31 43-0103	EA	1-1/2" Flanged Gate Valve, Polypropylene (PP) Lined	2,536.46	117.03
40 05 31 43-0104	EA	2" Flanged Gate Valve, Polypropylene (PP) Lined	3,008.57	148.57
40 05 31 43-0105	EA	2-1/2" Flanged Gate Valve, Polypropylene (PP) Lined	3,966.39	169.16
40 05 31 43-0106	EA	3" Flanged Gate Valve, Polypropylene (PP) Lined	4,924.20	189.70
40 05 31 43-0107	EA	4" Flanged Gate Valve, Polypropylene (PP) Lined	6,242.01	318.43
40 05 31 43-0108	EA	6" Flanged Gate Valve, Polypropylene (PP) Lined	10,082.41	402.67
40 05 31 43-0109	EA	8" Flanged Gate Valve, Polypropylene (PP) Lined	21,163.44	509.50
40 05 31 43-0110		**Polypropylene (PP) Lined Check Valves** *(40 05 31 43-0001)*		
40 05 31 43-0111	EA	1" Flanged Check Valve, Polypropylene (PP) Lined	2,254.34	93.86
40 05 31 43-0112	EA	1-1/4" Flanged Check Valve, Polypropylene (PP) Lined	2,544.14	105.59
40 05 31 43-0113	EA	1-1/2" Flanged Check Valve, Polypropylene (PP) Lined	2,871.63	117.03
40 05 31 43-0114	EA	2" Flanged Check Valve, Polypropylene (PP) Lined	3,404.48	148.57
40 05 31 43-0115	EA	2-1/2" Flanged Check Valve, Polypropylene (PP) Lined	4,493.02	169.16
40 05 31 43-0116	EA	3" Flanged Check Valve, Polypropylene (PP) Lined	5,581.57	189.70
40 05 31 43-0117	EA	4" Flanged Check Valve, Polypropylene (PP) Lined	7,061.62	318.43
40 05 31 43-0118	EA	6" Flanged Check Valve, Polypropylene (PP) Lined	11,425.88	402.67
40 05 31 43-0119	EA	8" Flanged Check Valve, Polypropylene (PP) Lined	24,042.31	509.50
40 05 31 43-0120		**Polypropylene (PP) Lined Plug Valves** *(40 05 31 43-0001)*		
40 05 31 43-0121	EA	1" Flanged Plug Valve, Polypropylene (PP) Lined	1,976.84	93.86
40 05 31 43-0122	EA	1-1/4" Flanged Plug Valve, Polypropylene (PP) Lined	2,232.16	105.59
40 05 31 43-0123	EA	1-1/2" Flanged Plug Valve, Polypropylene (PP) Lined	2,516.63	117.03
40 05 31 43-0124	EA	2" Flanged Plug Valve, Polypropylene (PP) Lined	2,985.98	148.57
40 05 31 43-0125	EA	2-1/2" Flanged Plug Valve, Polypropylene (PP) Lined	3,937.79	169.16
40 05 31 43-0126	EA	3" Flanged Plug Valve, Polypropylene (PP) Lined	4,889.59	189.70
40 05 31 43-0127	EA	4" Flanged Plug Valve, Polypropylene (PP) Lined	6,199.03	318.43
40 05 31 43-0128	EA	6" Flanged Plug Valve, Polypropylene (PP) Lined	10,012.43	402.67
40 05 31 43-0129	EA	8" Flanged Plug Valve, Polypropylene (PP) Lined	19,881.10	509.50
40 05 31 53		**PVDF Process Pipe** *(40 05 31)*		
40 05 31 53-0001		Polyvinylidene Fluoride (PVDF) Kynar Lined Steel Piping System *(40 05 31 53)*		
40 05 31 53-0002		Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe And Fittings *(40 05 31 53-0001)*		
40 05 31 53-0003		Pipe *(40 05 31 53-0002)*		
40 05 31 53-0004	LF	3/4" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	83.02	2.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 53-0005	LF	1" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	83.42	2.57
40 05 31 53-0006	LF	1-1/4" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	93.49	2.79
40 05 31 53-0007	LF	1-1/2" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	93.59	2.79
40 05 31 53-0008	LF	2" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	103.11	3.35
40 05 31 53-0009	LF	2-1/2" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	132.42	4.01
40 05 31 53-0010	LF	3" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	160.83	4.79
40 05 31 53-0011	LF	4" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	225.21	7.25
40 05 31 53-0012	LF	6" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	361.38	9.58
40 05 31 53-0013	LF	8" Polyvinylidene Fluoride (PVDF) Kynar Lined Pipe	561.25	11.48
40 05 31 53-0014		**90 Degree Elbows** *(40 05 31 53-0002)*		
40 05 31 53-0015	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	465.43	9.58
40 05 31 53-0016	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	471.18	11.93
40 05 31 53-0017	EA	1-1/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	582.83	16.83
40 05 31 53-0018	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	588.20	18.95
40 05 31 53-0019	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	699.36	24.07
40 05 31 53-0020	EA	2-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	846.42	35.66
40 05 31 53-0021	EA	3" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	984.65	46.92
40 05 31 53-0022	EA	4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,529.70	55.73
40 05 31 53-0023	EA	6" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,455.70	63.64
40 05 31 53-0024	EA	8" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,051.00	80.24
40 05 31 53-0025		**45 Degree Elbows** *(40 05 31 53-0002)*		
40 05 31 53-0026	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	557.84	9.58
40 05 31 53-0027	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	563.59	11.93
40 05 31 53-0028	EA	1-1/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	624.31	16.83
40 05 31 53-0029	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	629.68	18.95
40 05 31 53-0030	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	760.62	24.07
40 05 31 53-0031	EA	2-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	879.64	35.66
40 05 31 53-0032	EA	3" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,114.19	46.92
40 05 31 53-0033	EA	4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,594.83	55.73
40 05 31 53-0034	EA	6" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,632.26	63.64
40 05 31 53-0035	EA	8" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,465.11	74.34
40 05 31 53-0036		**Tees** *(40 05 31 53-0002)*		
40 05 31 53-0037	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	748.26	14.38
40 05 31 53-0038	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	759.73	18.95
40 05 31 53-0039	EA	1-1/4" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	851.43	24.07
40 05 31 53-0040	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	863.10	28.75
40 05 31 53-0041	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,045.67	35.66
40 05 31 53-0042	EA	2-1/2" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,347.42	46.92
40 05 31 53-0043	EA	3" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,396.01	55.73
40 05 31 53-0044	EA	4" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,107.06	74.34
40 05 31 53-0045	EA	6" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,221.29	95.85
40 05 31 53-0046	EA	8" Tee, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,843.67	118.81
40 05 31 53-0047		**Crosses** *(40 05 31 53-0002)*		
40 05 31 53-0048	EA	3/4" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,045.51	19.17
40 05 31 53-0049	EA	1" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,057.76	24.07
40 05 31 53-0050	EA	1-1/4" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,234.55	33.89
40 05 31 53-0051	EA	1-1/2" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,244.70	37.90
40 05 31 53-0052	EA	2" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,539.77	48.15
40 05 31 53-0053	EA	2-1/2" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,776.69	71.33
40 05 31 53-0054	EA	3" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,133.20	93.62
40 05 31 53-0055	EA	4" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,223.17	111.45
40 05 31 53-0056	EA	6" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,942.68	127.50
40 05 31 53-0057	EA	8" Cross, Polyvinylidene Fluoride (PVDF) Kynar Lined	6,249.51	148.79
40 05 31 53-0058		**Reducers** *(40 05 31 53-0002)*		
40 05 31 53-0059	EA	1" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	720.01	11.93
40 05 31 53-0060	EA	1-1/4" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	732.35	16.83
40 05 31 53-0061	EA	1-1/2" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	737.72	18.95
40 05 31 53-0062	EA	2" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	767.96	24.07
40 05 31 53-0063	EA	2-1/2" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	841.56	35.66
40 05 31 53-0064	EA	3" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,010.77	46.92
40 05 31 53-0065	EA	4" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,289.60	55.73
40 05 31 53-0066	EA	6" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,102.54	63.64
40 05 31 53-0067	EA	8" Reducer, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,161.96	74.34
40 05 31 53-0068		**Unions** *(40 05 31 53-0002)*		
40 05 31 53-0069	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,038.95	14.38
40 05 31 53-0070	EA	1" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,193.69	18.95
40 05 31 53-0071	EA	1-1/4" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,332.28	24.07
40 05 31 53-0072	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,642.81	28.75
40 05 31 53-0073	EA	2" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,572.98	35.66
40 05 31 53-0074	EA	2-1/2" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	5,193.61	46.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 53-0075	EA	3" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	6,627.96	55.73
40 05 31 53-0076	EA	4" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	10,285.10	74.34
40 05 31 53-0077	EA	6" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	13,777.70	95.85
40 05 31 53-0078	EA	8" Union, Polyvinylidene Fluoride (PVDF) Kynar Lined	22,632.73	118.81
40 05 31 53-0079		Blind Flanges *(40 05 31 53-0002)*		
40 05 31 53-0080	EA	3/4" Blind Flanges, Polyvinylidene Fluoride (PVDF) Kynar Lined	155.61	14.38
40 05 31 53-0081	EA	1" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	167.08	18.95
40 05 31 53-0082	EA	1-1/4" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	191.10	24.07
40 05 31 53-0083	EA	1-1/2" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	202.77	28.75
40 05 31 53-0084	EA	2" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	234.99	35.66
40 05 31 53-0085	EA	2-1/2" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	296.79	46.92
40 05 31 53-0086	EA	3" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	352.43	55.73
40 05 31 53-0087	EA	4" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	447.49	74.34
40 05 31 53-0088	EA	6" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	658.36	95.85
40 05 31 53-0089	EA	8" Blind Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	958.85	118.81
40 05 31 53-0090		Filler Flanges *(40 05 31 53-0002)*		
40 05 31 53-0091	EA	1" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	402.63	18.95
40 05 31 53-0092	EA	1-1/4" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	456.57	24.07
40 05 31 53-0093	EA	1-1/2" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	513.11	28.75
40 05 31 53-0094	EA	2" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	627.59	35.66
40 05 31 53-0095	EA	2-1/2" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	782.86	46.92
40 05 31 53-0096	EA	3" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	935.72	55.73
40 05 31 53-0097	EA	4" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,191.55	74.34
40 05 31 53-0098	EA	6" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	1,499.63	95.85
40 05 31 53-0099	EA	8" Filler Flange, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,293.67	118.81
40 05 31 53-0100		Polyvinylidene Fluoride (PVDF) Kynar Lined Gate Valves *(40 05 31 53-0001)*		
40 05 31 53-0101	EA	1" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,097.07	93.86
40 05 31 53-0102	EA	1-1/4" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,366.63	105.59
40 05 31 53-0103	EA	1-1/2" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,671.09	117.03
40 05 31 53-0104	EA	2" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,167.60	148.61
40 05 31 53-0105	EA	2-1/2" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,177.93	169.16
40 05 31 53-0106	EA	3" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	5,188.26	189.70
40 05 31 53-0107	EA	4" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	6,571.24	318.43
40 05 31 53-0108	EA	6" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	10,622.08	402.67
40 05 31 53-0109	EA	8" Flanged Gate Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	22,319.87	509.50
40 05 31 53-0110		Polyvinylidene Fluoride (PVDF) Kynar Lined Check Valves *(40 05 31 53-0001)*		
40 05 31 53-0111	EA	1" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,374.73	93.86
40 05 31 53-0112	EA	1-1/4" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,680.04	105.59
40 05 31 53-0113	EA	1-1/2" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,025.15	117.03
40 05 31 53-0114	EA	2" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,585.81	148.61
40 05 31 53-0115	EA	2-1/2" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,734.24	169.16
40 05 31 53-0116	EA	3" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	5,882.66	189.70
40 05 31 53-0117	EA	4" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	7,437.04	318.43
40 05 31 53-0118	EA	6" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	12,041.24	402.67
40 05 31 53-0119	EA	8" Flanged Check Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	25,360.92	509.50
40 05 31 53-0120		Polyvinylidene Fluoride (PVDF) Kynar Lined Plug Valves *(40 05 31 53-0001)*		
40 05 31 53-0121	EA	1" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,081.61	93.86
40 05 31 53-0122	EA	1-1/4" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,350.48	105.59
40 05 31 53-0123	EA	1-1/2" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	2,650.15	117.03
40 05 31 53-0124	EA	2" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	3,143.74	148.61
40 05 31 53-0125	EA	2-1/2" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	4,147.72	169.16
40 05 31 53-0126	EA	3" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	5,151.70	189.70
40 05 31 53-0127	EA	4" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	6,525.84	318.43
40 05 31 53-0128	EA	6" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	10,548.15	402.67
40 05 31 53-0129	EA	8" Flanged Plug Valve, Polyvinylidene Fluoride (PVDF) Kynar Lined	20,965.29	509.50
40 05 31 56		**Polyvinylidene Chloride (PVDC) Process Pipe** ***(40 05 31)***		
40 05 31 56-0001		Polyvinylidene Chloride (PVDC) Saran Lined Steel Piping System *(40 05 31 56)*		
40 05 31 56-0002		Polyvinylidene Chloride (PVDC) Saran Lined Pipe And Fittings *(40 05 31 56-0001)*		
40 05 31 56-0003		Pipe *(40 05 31 56-0002)*		
40 05 31 56-0004	LF	3/4" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	57.34	2.34
40 05 31 56-0005	LF	1" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	57.74	2.57
40 05 31 56-0006	LF	1-1/4" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	64.61	2.79
40 05 31 56-0007	LF	1-1/2" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	64.71	2.79
40 05 31 56-0008	LF	2" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	71.52	3.35
40 05 31 56-0009	LF	2-1/2" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	93.02	4.01
40 05 31 56-0010	LF	3" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	111.22	4.79
40 05 31 56-0011	LF	4" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	156.13	7.25
40 05 31 56-0012	LF	6" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	248.91	9.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 56-0013	LF	8" Polyvinylidene Chloride (PVDC) Saran Lined Pipe	383.69	11.48
40 05 31 56-0014		**90 Degree Elbows** *(40 05 31 56-0002)*		
40 05 31 56-0015	EA	3/4" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	407.84	9.58
40 05 31 56-0016	EA	1" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	413.59	11.93
40 05 31 56-0017	EA	1-1/4" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	512.28	16.83
40 05 31 56-0018	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	517.65	18.95
40 05 31 56-0019	EA	2" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	616.00	24.07
40 05 31 56-0020	EA	2-1/2" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	747.63	35.66
40 05 31 56-0021	EA	3" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	871.50	46.92
40 05 31 56-0022	EA	4" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	1,348.35	55.73
40 05 31 56-0023	EA	6" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	2,156.14	63.64
40 05 31 56-0024	EA	8" 90 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	3,548.75	80.24
40 05 31 56-0025		**45 Degree Elbows** *(40 05 31 56-0002)*		
40 05 31 56-0026	EA	3/4" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	488.20	9.58
40 05 31 56-0027	EA	1" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	493.95	11.93
40 05 31 56-0028	EA	1-1/4" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	548.37	16.83
40 05 31 56-0029	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	553.74	18.95
40 05 31 56-0030	EA	2" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	669.25	24.07
40 05 31 56-0031	EA	2-1/2" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	776.55	35.66
40 05 31 56-0032	EA	3" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	984.13	46.92
40 05 31 56-0033	EA	4" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	1,404.98	55.73
40 05 31 56-0034	EA	6" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	2,309.69	63.64
40 05 31 56-0035	EA	8" 45 Degree Elbow, Polyvinylidene Chloride (PVDC) Saran Lined	3,037.37	74.34
40 05 31 56-0036		**Tees** *(40 05 31 56-0002)*		
40 05 31 56-0037	EA	3/4" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	656.25	14.38
40 05 31 56-0038	EA	1" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	666.81	18.95
40 05 31 56-0039	EA	1-1/4" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	748.21	24.07
40 05 31 56-0040	EA	1-1/2" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	759.88	28.75
40 05 31 56-0041	EA	2" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	920.92	35.66
40 05 31 56-0042	EA	2-1/2" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	1,186.97	46.92
40 05 31 56-0043	EA	3" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	1,232.09	55.73
40 05 31 56-0044	EA	4" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	1,856.44	74.34
40 05 31 56-0045	EA	6" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	2,832.36	95.85
40 05 31 56-0046	EA	8" Tee, Polyvinylidene Chloride (PVDC) Saran Lined	4,250.61	118.81
40 05 31 56-0047		**Crosses** *(40 05 31 56-0002)*		
40 05 31 56-0048	EA	3/4" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	915.38	19.17
40 05 31 56-0049	EA	1" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	927.63	24.07
40 05 31 56-0050	EA	1-1/4" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	1,084.55	33.89
40 05 31 56-0051	EA	1-1/2" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	1,094.70	37.90
40 05 31 56-0052	EA	2" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	1,354.64	48.15
40 05 31 56-0053	EA	2-1/2" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	1,568.18	71.33
40 05 31 56-0054	EA	3" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	1,885.49	93.62
40 05 31 56-0055	EA	4" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	2,839.10	111.45
40 05 31 56-0056	EA	6" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	4,339.57	127.50
40 05 31 56-0057	EA	8" Cross, Polyvinylidene Chloride (PVDC) Saran Lined	8,987.93	148.79
40 05 31 56-0058		**Reducers** *(40 05 31 56-0002)*		
40 05 31 56-0059	EA	1" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	599.96	11.93
40 05 31 56-0060	EA	1-1/4" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	642.29	16.83
40 05 31 56-0061	EA	1-1/2" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	647.66	18.95
40 05 31 56-0062	EA	2" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	675.63	24.07
40 05 31 56-0063	EA	2-1/2" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	841.56	35.66
40 05 31 56-0064	EA	3" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	894.23	46.92
40 05 31 56-0065	EA	4" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	1,139.57	55.73
40 05 31 56-0066	EA	6" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	1,849.05	63.64
40 05 31 56-0067	EA	8" Reducer, Polyvinylidene Chloride (PVDC) Saran Lined	2,773.74	74.34
40 05 31 56-0068		**Unions** *(40 05 31 56-0002)*		
40 05 31 56-0069	EA	3/4" Union, Polyvinylidene Chloride (PVDC) Saran Lined	905.22	14.38
40 05 31 56-0070	EA	1" Union, Polyvinylidene Chloride (PVDC) Saran Lined	1,040.85	18.95
40 05 31 56-0071	EA	1-1/4" Union, Polyvinylidene Chloride (PVDC) Saran Lined	2,029.34	24.07
40 05 31 56-0072	EA	1-1/2" Union, Polyvinylidene Chloride (PVDC) Saran Lined	2,300.03	28.75
40 05 31 56-0073	EA	2" Union, Polyvinylidene Chloride (PVDC) Saran Lined	3,108.47	35.66
40 05 31 56-0074	EA	2-1/2" Union, Polyvinylidene Chloride (PVDC) Saran Lined	4,516.77	46.92
40 05 31 56-0075	EA	3" Union, Polyvinylidene Chloride (PVDC) Saran Lined	5,762.81	55.73
40 05 31 56-0076	EA	4" Union, Polyvinylidene Chloride (PVDC) Saran Lined	8,938.52	74.34
40 05 31 56-0077	EA	6" Union, Polyvinylidene Chloride (PVDC) Saran Lined	11,972.62	95.85
40 05 31 56-0078	EA	8" Union, Polyvinylidene Chloride (PVDC) Saran Lined	19,654.64	118.81
40 05 31 56-0079		**Blind Flanges** *(40 05 31 56-0002)*		
40 05 31 56-0080	EA	3/4" Blind Flanges, Polyvinylidene Chloride (PVDC) Saran Lined	139.66	14.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 31 56-0081	EA	1" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	151.13	18.95
40 05 31 56-0082	EA	1-1/4" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	173.66	24.07
40 05 31 56-0083	EA	1-1/2" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	185.33	28.75
40 05 31 56-0084	EA	2" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	215.55	35.66
40 05 31 56-0085	EA	2-1/2" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	272.86	46.92
40 05 31 56-0086	EA	3" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	324.02	55.73
40 05 31 56-0087	EA	4" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	412.59	74.34
40 05 31 56-0088	EA	6" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	602.52	95.85
40 05 31 56-0089	EA	8" Blind Flange, Polyvinylidene Chloride (PVDC) Saran Lined	870.61	118.81
40 05 31 56-0090		Filler Flanges *(40 05 31 56-0002)*		
40 05 31 56-0091	EA	1" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	355.27	18.95
40 05 31 56-0092	EA	1-1/4" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	403.73	24.07
40 05 31 56-0093	EA	1-1/2" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	454.28	28.75
40 05 31 56-0094	EA	2" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	555.80	35.66
40 05 31 56-0095	EA	2-1/2" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	694.12	46.92
40 05 31 56-0096	EA	3" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	829.53	55.73
40 05 31 56-0097	EA	4" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	1,057.44	74.34
40 05 31 56-0098	EA	6" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	1,331.63	95.85
40 05 31 56-0099	EA	8" Filler Flange, Polyvinylidene Chloride (PVDC) Saran Lined	2,027.46	118.81
40 05 31 56-0100		Polyvinylidene Chloride (PVDC) Saran Lined Gate Valves *(40 05 31 56-0001)*		
40 05 31 56-0101	EA	1" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	1,833.10	93.86
40 05 31 56-0102	EA	1-1/4" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,068.68	105.59
40 05 31 56-0103	EA	1-1/2" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,334.50	117.03
40 05 31 56-0104	EA	2" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,770.03	148.61
40 05 31 56-0105	EA	2-1/2" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	3,649.07	169.16
40 05 31 56-0106	EA	3" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	4,528.11	189.70
40 05 31 56-0107	EA	4" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	5,748.15	318.43
40 05 31 56-0108	EA	6" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	9,272.91	402.67
40 05 31 56-0109	EA	8" Flanged Gate Valve, Polyvinylidene Chloride (PVDC) Saran Lined	19,428.80	509.50
40 05 31 56-0110		Polyvinylidene Chloride (PVDC) Saran Lined Check Valves *(40 05 31 56-0001)*		
40 05 31 56-0111	EA	1" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,073.74	93.86
40 05 31 56-0112	EA	1-1/4" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,340.30	105.59
40 05 31 56-0113	EA	1-1/2" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,641.35	117.03
40 05 31 56-0114	EA	2" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	3,132.47	148.61
40 05 31 56-0115	EA	2-1/2" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	4,131.20	169.16
40 05 31 56-0116	EA	3" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	5,129.93	189.70
40 05 31 56-0117	EA	4" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	6,498.50	318.43
40 05 31 56-0118	EA	6" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	10,502.85	402.67
40 05 31 56-0119	EA	8" Flanged Check Valve, Polyvinylidene Chloride (PVDC) Saran Lined	22,064.38	509.50
40 05 31 56-0120		Polyvinylidene Chloride (PVDC) Saran Lined Plug Valves *(40 05 31 56-0001)*		
40 05 31 56-0121	EA	1" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	1,819.70	93.86
40 05 31 56-0122	EA	1-1/4" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,054.68	105.59
40 05 31 56-0123	EA	1-1/2" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,316.35	117.03
40 05 31 56-0124	EA	2" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	2,749.34	148.61
40 05 31 56-0125	EA	2-1/2" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	3,622.88	169.16
40 05 31 56-0126	EA	3" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	4,496.43	189.70
40 05 31 56-0127	EA	4" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	5,708.81	318.43
40 05 31 56-0128	EA	6" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	9,208.85	402.67
40 05 31 56-0129	EA	8" Flanged Plug Valve, Polyvinylidene Chloride (PVDC) Saran Lined	18,254.83	509.50

40 05 38 PTFE Process Pipe *(40 05)*

40 05 38 00-0001 Polytetrafluoroethylene (PTFE) Lined Steel Piping System *(40 05 38)*

40 05 38 00-0002 Polytetrafluoroethylene (PTFE) Lined Pipe And Fittings *(40 05 38 00-0001)*

40 05 38 00-0003 Polytetrafluoroethylene (PTFE) Lined Pipe *(40 05 38 00-0002)*

40 05 38 00-0004	LF	3/4" Polytetrafluoroethylene (PTFE) Lined Pipe	162.21	2.34
40 05 38 00-0005	LF	1" Polytetrafluoroethylene (PTFE) Lined Pipe	242.38	2.57
40 05 38 00-0006	LF	1-1/4" Polytetrafluoroethylene (PTFE) Lined Pipe	270.68	2.79
40 05 38 00-0007	LF	1-1/2" Polytetrafluoroethylene (PTFE) Lined Pipe	298.60	2.79
40 05 38 00-0008	LF	2" Polytetrafluoroethylene (PTFE) Lined Pipe	326.94	3.35
40 05 38 00-0009	LF	2-1/2" Polytetrafluoroethylene (PTFE) Lined Pipe	431.36	4.01
40 05 38 00-0010	LF	3" Polytetrafluoroethylene (PTFE) Lined Pipe	518.40	4.79
40 05 38 00-0011	LF	4" Polytetrafluoroethylene (PTFE) Lined Pipe	747.23	7.25
40 05 38 00-0012	LF	6" Polytetrafluoroethylene (PTFE) Lined Pipe	1,399.92	9.58
40 05 38 00-0013	LF	8" Polytetrafluoroethylene (PTFE) Lined Pipe	2,501.30	11.48
40 05 38 00-0014		90 Degree Elbows *(40 05 38 00-0002)*		
40 05 38 00-0015	EA	3/4" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,095.81	9.58
40 05 38 00-0016	EA	1" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,101.56	11.93
40 05 38 00-0017	EA	1-1/4" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,148.80	16.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 38 00-0018	EA	1-1/2" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,154.17	18.95
40 05 38 00-0019	EA	2" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,326.51	24.07
40 05 38 00-0020	EA	2-1/2" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,674.50	35.66
40 05 38 00-0021	EA	3" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	2,021.71	46.92
40 05 38 00-0022	EA	4" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	3,010.86	55.73
40 05 38 00-0023	EA	6" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	4,715.81	63.64
40 05 38 00-0024	EA	8" 90 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	7,409.39	80.24
40 05 38 00-0025		45 Degree Elbows *(40 05 38 00-0002)*		
40 05 38 00-0026	EA	3/4" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	926.31	9.58
40 05 38 00-0027	EA	1" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	932.06	11.93
40 05 38 00-0028	EA	1-1/4" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,054.08	16.83
40 05 38 00-0029	EA	1-1/2" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,059.45	18.95
40 05 38 00-0030	EA	2" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,216.84	24.07
40 05 38 00-0031	EA	2-1/2" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	1,624.65	35.66
40 05 38 00-0032	EA	3" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	2,026.70	46.92
40 05 38 00-0033	EA	4" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	2,666.87	55.73
40 05 38 00-0034	EA	6" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	4,680.91	63.64
40 05 38 00-0035	EA	8" 45 Degree Elbow, Polytetrafluoroethylene (PTFE) Lined	7,165.22	74.34
40 05 38 00-0036		Tees *(40 05 38 00-0002)*		
40 05 38 00-0037	EA	3/4" Tee, Polytetrafluoroethylene (PTFE) Lined	1,800.77	14.38
40 05 38 00-0038	EA	1" Tee, Polytetrafluoroethylene (PTFE) Lined	1,812.24	18.95
40 05 38 00-0039	EA	1-1/4" Tee, Polytetrafluoroethylene (PTFE) Lined	2,134.14	24.07
40 05 38 00-0040	EA	1-1/2" Tee, Polytetrafluoroethylene (PTFE) Lined	2,145.81	28.75
40 05 38 00-0041	EA	2" Tee, Polytetrafluoroethylene (PTFE) Lined	2,447.23	35.66
40 05 38 00-0042	EA	2-1/2" Tee, Polytetrafluoroethylene (PTFE) Lined	2,864.23	46.92
40 05 38 00-0043	EA	3" Tee, Polytetrafluoroethylene (PTFE) Lined	3,275.08	55.73
40 05 38 00-0044	EA	4" Tee, Polytetrafluoroethylene (PTFE) Lined	4,273.73	74.34
40 05 38 00-0045	EA	6" Tee, Polytetrafluoroethylene (PTFE) Lined	5,838.11	95.85
40 05 38 00-0046	EA	8" Tee, Polytetrafluoroethylene (PTFE) Lined	11,224.88	118.81
40 05 38 00-0047		Crosses *(40 05 38 00-0002)*		
40 05 38 00-0048	EA	3/4" Cross, Polytetrafluoroethylene (PTFE) Lined	2,555.55	19.17
40 05 38 00-0049	EA	1" Cross, Polytetrafluoroethylene (PTFE) Lined	2,567.80	24.07
40 05 38 00-0050	EA	1-1/4" Cross, Polytetrafluoroethylene (PTFE) Lined	3,125.75	33.89
40 05 38 00-0051	EA	1-1/2" Cross, Polytetrafluoroethylene (PTFE) Lined	3,135.91	37.90
40 05 38 00-0052	EA	2" Cross, Polytetrafluoroethylene (PTFE) Lined	3,535.45	48.15
40 05 38 00-0053	EA	2-1/2" Cross, Polytetrafluoroethylene (PTFE) Lined	4,071.86	71.33
40 05 38 00-0054	EA	3" Cross, Polytetrafluoroethylene (PTFE) Lined	5,398.87	93.62
40 05 38 00-0055	EA	4" Cross, Polytetrafluoroethylene (PTFE) Lined	6,046.66	111.45
40 05 38 00-0056	EA	6" Cross, Polytetrafluoroethylene (PTFE) Lined	10,708.19	127.50
40 05 38 00-0057	EA	8" Cross, Polytetrafluoroethylene (PTFE) Lined	13,578.14	148.79
40 05 38 00-0058		Reducers *(40 05 38 00-0002)*		
40 05 38 00-0059	EA	1" Reducer, Polytetrafluoroethylene (PTFE) Lined	1,515.35	11.93
40 05 38 00-0060	EA	1-1/4" Reducer, Polytetrafluoroethylene (PTFE) Lined	1,527.69	16.83
40 05 38 00-0061	EA	1-1/2" Reducer, Polytetrafluoroethylene (PTFE) Lined	1,533.06	18.95
40 05 38 00-0062	EA	2" Reducer, Polytetrafluoroethylene (PTFE) Lined	1,805.10	24.07
40 05 38 00-0063	EA	2-1/2" Reducer, Polytetrafluoroethylene (PTFE) Lined	2,083.30	35.66
40 05 38 00-0064	EA	3" Reducer, Polytetrafluoroethylene (PTFE) Lined	2,320.83	46.92
40 05 38 00-0065	EA	4" Reducer, Polytetrafluoroethylene (PTFE) Lined	3,030.80	55.73
40 05 38 00-0066	EA	6" Reducer, Polytetrafluoroethylene (PTFE) Lined	4,192.35	63.64
40 05 38 00-0067	EA	8" Reducer, Polytetrafluoroethylene (PTFE) Lined	6,796.30	74.34
40 05 38 00-0068		Unions *(40 05 38 00-0002)*		
40 05 38 00-0069	EA	3/4" Union, Polytetrafluoroethylene (PTFE) Lined	1,373.28	14.38
40 05 38 00-0070	EA	1" Union, Polytetrafluoroethylene (PTFE) Lined	1,575.77	18.95
40 05 38 00-0071	EA	1-1/4" Union, Polytetrafluoroethylene (PTFE) Lined	3,089.62	24.07
40 05 38 00-0072	EA	1-1/2" Union, Polytetrafluoroethylene (PTFE) Lined	3,499.78	28.75
40 05 38 00-0073	EA	2" Union, Polytetrafluoroethylene (PTFE) Lined	4,734.25	35.66
40 05 38 00-0074	EA	2-1/2" Union, Polytetrafluoroethylene (PTFE) Lined	6,885.70	46.92
40 05 38 00-0075	EA	3" Union, Polytetrafluoroethylene (PTFE) Lined	8,790.85	55.73
40 05 38 00-0076	EA	4" Union, Polytetrafluoroethylene (PTFE) Lined	13,651.54	74.34
40 05 38 00-0077	EA	6" Union, Polytetrafluoroethylene (PTFE) Lined	18,290.50	95.85
40 05 38 00-0078	EA	8" Union, Polytetrafluoroethylene (PTFE) Lined	30,077.96	118.81
40 05 38 00-0079		Blind Flanges *(40 05 38 00-0002)*		
40 05 38 00-0080	EA	3/4" Blind Flanges, Polytetrafluoroethylene (PTFE) Lined	195.49	14.38
40 05 38 00-0081	EA	1" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	206.96	18.95
40 05 38 00-0082	EA	1-1/4" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	234.73	24.07
40 05 38 00-0083	EA	1-1/2" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	246.40	28.75
40 05 38 00-0084	EA	2" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	283.60	35.66
40 05 38 00-0085	EA	2-1/2" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	356.62	46.92
40 05 38 00-0086	EA	3" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	423.47	55.73
40 05 38 00-0087	EA	4" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	534.73	74.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 38 00-0088	EA	6" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	797.95	95.85
40 05 38 00-0089	EA	8" Blind Flange, Polytetrafluoroethylene (PTFE) Lined	1,179.45	118.81
40 05 38 00-0090		Filler Flanges *(40 05 38 00-0002)*		
40 05 38 00-0091	EA	1" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	521.04	18.95
40 05 38 00-0092	EA	1-1/4" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	588.68	24.07
40 05 38 00-0093	EA	1-1/2" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	660.18	28.75
40 05 38 00-0094	EA	2" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	807.06	35.66
40 05 38 00-0095	EA	2-1/2" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	1,004.71	46.92
40 05 38 00-0096	EA	3" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	1,201.18	55.73
40 05 38 00-0097	EA	4" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	1,526.81	74.34
40 05 38 00-0098	EA	6" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	1,919.64	95.85
40 05 38 00-0099	EA	8" Filler Flange, Polytetrafluoroethylene (PTFE) Lined	2,959.21	118.81
40 05 38 00-0100		Polytetrafluoroethylene (PTFE) Lined Gate Valves *(40 05 38 00-0001)*		
40 05 38 00-0101	EA	1" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	2,756.99	93.86
40 05 38 00-0102	EA	1-1/4" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	3,111.51	105.59
40 05 38 00-0103	EA	1-1/2" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	3,512.58	117.03
40 05 38 00-0104	EA	2" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	4,161.56	148.61
40 05 38 00-0105	EA	2-1/2" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	5,500.10	169.16
40 05 38 00-0106	EA	3" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	6,838.64	189.70
40 05 38 00-0107	EA	4" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	8,628.97	318.43
40 05 38 00-0108	EA	6" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	13,994.98	402.67
40 05 38 00-0109	EA	8" Flanged Gate Valve, Polytetrafluoroethylene (PTFE) Lined	29,547.52	509.50
40 05 38 00-0110		Polytetrafluoroethylene (PTFE) Lined Check Valves *(40 05 38 00-0001)*		
40 05 38 00-0111	EA	1" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	3,127.20	93.86
40 05 38 00-0112	EA	1-1/4" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	3,529.39	105.59
40 05 38 00-0113	EA	1-1/2" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	3,984.65	117.03
40 05 38 00-0114	EA	2" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	4,719.16	148.61
40 05 38 00-0115	EA	2-1/2" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	6,241.83	169.16
40 05 38 00-0116	EA	3" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	7,764.50	189.70
40 05 38 00-0117	EA	4" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	9,783.37	318.43
40 05 38 00-0118	EA	6" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	15,887.20	402.67
40 05 38 00-0119	EA	8" Flanged Check Valve, Polytetrafluoroethylene (PTFE) Lined	33,602.27	509.50
40 05 38 00-0120		Polytetrafluoroethylene (PTFE) Lined Plug Valves *(40 05 38 00-0001)*		
40 05 38 00-0121	EA	1" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	2,736.35	93.86
40 05 38 00-0122	EA	1-1/4" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	3,089.97	105.59
40 05 38 00-0123	EA	1-1/2" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	3,484.65	117.03
40 05 38 00-0124	EA	2" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	4,129.73	148.61
40 05 38 00-0125	EA	2-1/2" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	5,459.81	169.16
40 05 38 00-0126	EA	3" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	6,789.88	189.70
40 05 38 00-0127	EA	4" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	8,568.44	318.43
40 05 38 00-0128	EA	6" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	13,896.42	402.67
40 05 38 00-0129	EA	8" Flanged Plug Valve, Polytetrafluoroethylene (PTFE) Lined	27,741.42	509.50

40 05 41 Glass Process Pipe *(40 05)*

40 05 41 00-0001 Glass Pressure Pipe *(40 05 41)*

40 05 41 00-0002 Glass Pipe, Beaded Joints *(40 05 41 00-0001)*

40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure	45.71	16.72
		For Work In Restricted Working Space, Add	*10.03*	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure	54.84	20.06
		For Work In Restricted Working Space, Add	*12.04*	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure	63.72	22.29
		For Work In Restricted Working Space, Add	*13.37*	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure	84.16	30.10
		For Work In Restricted Working Space, Add	*18.05*	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure	103.07	35.66
		For Work In Restricted Working Space, Add	*21.40*	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure	127.80	41.23
		For Work In Restricted Working Space, Add	*24.74*	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure	174.93	55.73
		For Work In Restricted Working Space, Add	*33.44*	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure	247.60	66.87
		For Work In Restricted Working Space, Add	*40.12*	

40 05 41 00-0011 Glass 90 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	206.98	89.17
		For Work In Restricted Working Space, Add	*53.50*	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	223.24	94.74
		For Work In Restricted Working Space, Add	*56.84*	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure	244.80	100.31
		For Work In Restricted Working Space, Add	*60.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	270.03	111.45
		For Work In Restricted Working Space, Add	*66.87*	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure	308.04	122.60
		For Work In Restricted Working Space, Add	*73.57*	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure	389.88	144.89
		For Work In Restricted Working Space, Add	*86.93*	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure	451.41	156.04
		For Work In Restricted Working Space, Add	*93.61*	
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure	719.87	178.32
		For Work In Restricted Working Space, Add	*107.00*	

40 05 41 00-0020 Glass 45 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	205.84	89.17
		For Work In Restricted Working Space, Add	*53.50*	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	221.90	94.74
		For Work In Restricted Working Space, Add	*56.84*	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure	243.03	100.31
		For Work In Restricted Working Space, Add	*60.18*	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	268.14	111.45
		For Work In Restricted Working Space, Add	*66.87*	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure	305.49	122.60
		For Work In Restricted Working Space, Add	*73.55*	
40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	385.91	144.89
		For Work In Restricted Working Space, Add	*86.94*	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	445.84	156.04
		For Work In Restricted Working Space, Add	*93.61*	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	705.21	178.32
		For Work In Restricted Working Space, Add	*106.97*	

40 05 41 00-0029 Glass Tees *(40 05 41 00-0001)*

40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	316.61	133.74
		For Work In Restricted Working Space, Add	*80.26*	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	339.52	144.89
		For Work In Restricted Working Space, Add	*86.94*	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	367.00	156.04
		For Work In Restricted Working Space, Add	*93.61*	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	414.79	167.19
		For Work In Restricted Working Space, Add	*100.29*	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	462.06	183.90
		For Work In Restricted Working Space, Add	*110.35*	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	561.65	222.91
		For Work In Restricted Working Space, Add	*133.75*	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	662.25	233.95
		For Work In Restricted Working Space, Add	*140.37*	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	874.44	267.38
		For Work In Restricted Working Space, Add	*160.44*	

40 05 41 00-0038 Glass Couplings, Vitron Liner *(40 05 41 00-0001)*

40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	41.23
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	47.12
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	54.97
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	62.82
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	75.58
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	138.40
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	166.87
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	333.74

END OF SECTION 40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

41 01 20 13-0002	EA	Regular Inspection	426.49	
41 01 20 13-0003	HR	Hoist Or Crane Servicing, Labor Only	127.55	
41 01 20 13-0004	MO	Hoist Or Crane Maintenance Contract	1,073.20	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes and Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Air-Powered Chain Hoists *(41 22 23 13)*
Note: Excludes beam.

41 22 23 13-0002	EA	500 Lb. Capacity, Air-Powered Chain Hoist	7,911.67	403.44
41 22 23 13-0003	EA	1,000 Lb. Capacity, Air-Powered Chain Hoist	8,005.03	403.44
41 22 23 13-0004	EA	2,000 Lb. Capacity, Air-Powered Chain Hoist	9,662.50	403.44
41 22 23 13-0005	EA	4,000 Lb. Capacity, Air-Powered Chain Hoist	12,208.82	537.92
41 22 23 13-0006	EA	6,000 LB Capacity, Air-Powered Chain Hoist	15,402.29	672.41
41 22 23 13-0007	EA	8,000 LB Capacity, Air-Powered Chain Hoist	18,131.70	988.16
41 22 23 13-0008	EA	10,000 LB Capacity, Air-Powered Chain Hoist	20,921.96	1,193.52
41 22 23 13-0009	EA	12,000 LB Capacity, Air-Powered Chain Hoist	21,280.83	1,193.52

41 22 23 13-0010 Electric Hoists *(41 22 23 13)*

41 22 23 13-0011 Electric Industrial Chain Hoists *(41 22 23 13-0010)*
Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0012	EA	500 LB Capacity, Electric Industrial Chain Hoist	3,095.27	390.00
		For DC Electrical Operated, Add	*578.23*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	3,222.36	390.00
		For DC Electrical Operated, Add	*609.47*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	3,544.25	390.00
		For DC Electrical Operated, Add	*686.73*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	5,248.46	403.44
		For DC Electrical Operated, Add	*1,104.26*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0016	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	4,554.83	403.44
		For DC Electrical Operated, Add	*928.46*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0017	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	6,431.71	416.89
		For DC Electrical Operated, Add	*1,386.85*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0018	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	5,876.28	457.23
		For DC Electrical Operated, Add	*1,210.36*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0019	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	7,211.53	564.82
		For DC Electrical Operated, Add	*1,537.59*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0020	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	8,493.68	597.14
		For DC Electrical Operated, Add	*1,865.16*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0021	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	13,563.10	623.10
		For DC Electrical Operated, Add	*3,078.96*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0022	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	16,201.91	649.06
		For DC Electrical Operated, Add	*3,725.17*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0023	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	22,307.44	675.03
		For DC Electrical Operated, Add	*5,237.69*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0024	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	28,489.35	739.93
		For DC Electrical Operated, Add	*6,750.56*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0025		Hand Chain Hoists *(41 22 23 13)*		
41 22 23 13-0026	EA	1,000 LB Capacity, Hand Chain Hoist	1,865.01	162.89
41 22 23 13-0027	EA	2,000 LB Capacity, Hand Chain Hoist	2,199.07	165.13
41 22 23 13-0028	EA	3,000 LB Capacity, Hand Chain Hoist	2,955.43	172.94
41 22 23 13-0029	EA	4,000 LB Capacity, Hand Chain Hoist	3,327.74	175.17
41 22 23 13-0030	EA	5,000 LB Capacity, Hand Chain Hoist	4,017.70	184.09
41 22 23 13-0031	EA	6,000 LB Capacity, Hand Chain Hoist	4,498.87	215.34
41 22 23 13-0032	EA	10,000 LB Capacity, Hand Chain Hoist	6,242.74	222.03
41 22 23 13-0033	EA	16,000 LB Capacity, Hand Chain Hoist	8,153.64	267.78
41 22 23 13-0034	EA	20,000 LB Capacity, Hand Chain Hoist	9,962.42	280.05
41 22 23 13-0035	EA	30,000 LB Capacity, Hand Chain Hoist	17,569.17	320.22

41 50 Material Storage *(41)*

41 53 Storage Equipment and Systems *(41 50)*

41 53 13 Storage Cabinets *(41 53)*

41 53 13 00-0001		Steel Storage Cabinets *(41 53 13)* Note: Includes powder coated finish and 4 adjustable shelves.		
41 53 13 00-0002	EA	36" Width x 24" Depth x 78" Height, 22 Gauge, Welded Steel Storage Cabinet	1,055.47	17.31
41 53 13 00-0003	EA	36" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,158.76	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*301.00*	
41 53 13 00-0004	EA	48" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,252.35	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*301.00*	
41 53 13 00-0005	EA	60" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,940.12	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0006	EA	36" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	2,228.41	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0007	EA	48" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	2,326.35	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0008	EA	60" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	3,033.70	17.31
		For 4" High Legs, Add	*354.22*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0009		Plastic Storage Cabinets *(41 53 13)*		
41 53 13 00-0010	EA	36" Width x 22" Depth x 46" Height, Plastic Storage Cabinet Note: Includes 2 adjustable shelves.	776.20	17.31
41 53 13 00-0011	EA	36" Width x 22" Depth x 72" Height, Plastic Storage Cabinet Note: Includes 4 adjustable shelves.	962.80	17.31

END OF SECTION 41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 05 Common Work Results for Process Gas and Liquid Handling, Purification, and Storage Equipment *(43)*

43 05 10 Common Work Results for Gas Handling Equipment *(43 05)*

43 05 10 00-0001		Compressed Natural Gas Monitoring And Detection System *(43 05 10)*		
43 05 10 00-0002	EA	ISS Ethersense Controller and Display (Integrated Sensing Solutions 801-000-1340)		50,360.90
43 05 10 00-0003	EA	Controller with Timed-Delay Relay Input/Output Box (6 TD, 4 In, 4 Out) (Integrated Sensing Solutions 700-010-0200)		9,471.66
43 05 10 00-0004	EA	Gas Monitor transmitter low explosive limit and carbon monoxide (Integrated Sensing Solutions 000-000-0102)		8,556.39
43 05 10 00-0005	EA	Gas Monitor transmitter nitrous oxide (Integrated Sensing Solutions 000-000-0300)		7,395.38
43 05 10 00-0006	EA	Audio Horn/Visual Alarm, 24 Volt DC, Red Lens (Integrated Sensing Solutions 820-010-0015R)		5,293.14
43 05 10 00-0007	EA	Remote Cal Manifold, Single (Integrated Sensing Solutions 740-500-0001)		3,582.15
43 05 10 00-0008	LF	Tubing Poly Urethane. 1/8 ID x 1/4 OD Black (Integrated Sensing Solutions 000-400-0500-B)		49.02
43 05 10 00-0009	LF	Tubing Poly Urethane. 1/8 ID x 1/4 OD Blue (Integrated Sensing Solutions 000-400-0500-BL)		49.02
43 05 10 00-0010	EA	EtherSense RCS controller (auto calibration capbilites not part of this base package) (Integrated Sensing Solutions 840-100-1102)		22,287.22
43 05 10 00-0011	EA	Junction Box, Steel, No Cutouts, 15 TB. internal terminals (Integrated Sensing Solutions 700-001-0003)		2,063.56
43 05 10 00-0012	EA	Relay for control of roll up doors, EF, gas valve bypass (Veris H932)		2,287.40
43 05 10 00-0013	EA	Control Panel, indoor rated (Hoffman A24N24BLP)		2,660.47
43 05 10 00-0014	EA	Low Voltage Transformer, multiple circuit capability (Functional Devices PSH100AB10)		2,333.20
43 05 10 00-0015	EA	Autocalibration Add-On Package with internal pump controller. upgraded manifold (Integrated Sensing Solutions 700-300-1101)		75,864.86
43 05 10 00-0016	EA	RCS, Zero Gas with Manifold Regulator (Integrated Sensing Solutions 700-300-0001)		19,629.08
43 05 10 00-0017	EA	RCS, Span Gas with Manifold Regulator (Integrated Sensing Solutions 700-300-0100)		19,629.08
43 05 10 00-0018	EA	Position Indicator (Anixter 2507-AL)		1,748.08
43 05 10 00-0019	EA	Differential Pressure Switch (Dwyer MS2-D102)		1,937.97
43 05 10 00-0020		Compressed Natural Gas Monitoring And Detection System (Det-Tronics) *(43 05 10)*		
43 05 10 00-0021	EA	Wall Mount Enclosure with window cutout and print and HOAs (Det-Tronics 000001-848)		28,456.81
43 05 10 00-0022	EA	Eagle Quantum System Controller Node 246 (Det-Tronics 007609-063)		36,367.00
43 05 10 00-0023	EA	Enhanced Discrete Input/Output (EDIO) Module (Det-Tronics 009174-003)		10,988.76
43 05 10 00-0024	EA	EQ2100PSM Power Supply Monitor won board addressing (Det-Tronics 006979-001)		6,816.88
43 05 10 00-0025	EA	Wall Mount Enclosure with NEMA 4, IP66 rating (Det-Tronics)		7,033.68
43 05 10 00-0026	EA	EQ2110PS Battery Charger/Power Supply, NFPA comliant, 10 Amperes At 24 Volt DC (Det-Tronics 000604-013)		20,196.67
43 05 10 00-0027	EA	Wall Mount Bracket to use with EQ2120PS, steel painting (Det-Tronics 000508-024)		4,620.98
43 05 10 00-0028	EA	Battery Backup, leadacid top post, 100Ahr (Det-Tronics 000508-035)		3,029.04
43 05 10 00-0029	EA	Battery Enclosure for up to 2 batteries, filtered vents, indoor rated only, latching door (Det-Tronics 000505-046)		5,407.66
43 05 10 00-0030	EA	Safety System Software (S3), diagnostic tools, version 60 node, usb key and RS232 cable (Det-Tronics 007800-011)		13,500.58
43 05 10 00-0031	EA	Remote Display (English) in Enclosure, mulitple 20-character lines, reset function, silence function (Det-Tronics 000506-029)		4,500.19
43 05 10 00-0032	EA	Auto Dialer - Voice Message Type (Det-Tronics 000515-179)		895.08
43 05 10 00-0033	EA	PIRECLA4D1W2 PointWatch Eclipse IR Gas Detector, hydrophobic filtered. HART port (Det-Tronics 010195-043)		12,419.66
43 05 10 00-0034	EA	UD10A5N28W2 UD10 Universal Display. DCU emulator. FM/CSA/ATE.X/CE/IECEx (Det-Tronics 010765-006)		8,349.97
43 05 10 00-0035	EA	GTXSN26W5 GTX Toxic Gas Transmitter. FM/CSA/ATEX/CE/IECEx. ex proof. HART (Det-Tronics 009480-003)		2,864.88
43 05 10 00-0036	EA	GTSNO220PC Toxic Gas Sensor Module, FM/CSA/ATE.X/CE/IECEx (Det-Tronics 009471-016)		2,864.88
43 05 10 00-0037	EA	GTSCO100PWD Toxic Gas Sensor Module, DNV (Det-Tronics 009471-510)		3,307.77
43 05 10 00-0038	EA	Horn, 28 tone-selectable, stainless steel bracket, diode polarized (Det-Tronics 000121-381)		4,221.45
43 05 10 00-0039	EA	Strobe, xenon type, 15 joule, 60 flashes/min, with wire guard (Det-Tronics 000121-155)		4,100.66
43 05 10 00-0040		Compressed Natural Gas Monitoring Extended Warranty *(43 05 10)*		
43 05 10 00-0041	EA	1 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0001)		10,785.39
43 05 10 00-0042	EA	2 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0002)		20,730.36
43 05 10 00-0043	EA	3 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0003)		29,788.22
43 05 10 00-0044	EA	4 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0004)		38,005.66
43 05 10 00-0045	EA	5 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0005)		43,141.56
43 05 10 00-0046	EA	Mobile Service (Each Trip To LA); Gas Detection System (Integrated Sensing Solutions 18000004 ISS)		4,669.00

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps *(43 23)*

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	4,966.03	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps *(43 24)*

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	4,082.18	

43 40 Gas and Liquid Storage *(43)*

43 42 Pressurized Tanks And Vessels *(43 40)*

43 42 41 Metallic Specialty Pressure Tanks *(43 42)*

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank	2,215.90	140.67
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank	4,099.40	211.00
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank	5,870.39	225.06

END OF SECTION 43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

46 Water And Wastewater Equipment

46 30 Water and Wastewater Chemical Feed Equipment *(46)*

46 31 Gas Chemical Feed Equipment *(46 30)*

46 31 11 Chlorine Gas Feed Equipment *(46 31)*

46 31 11 00-0001 ChlorTainer (TGO Technologies, Inc.) *(46 31 11)*

46 31 11 00-0002	EA	1.0 Ton ChlorTainer With 2 Bolt Chain Drive Door	249,116.25
46 31 11 00-0003	EA	1.0 Ton ChlorTainer With 2 Bolt Electronic Closure Door	286,331.25
46 31 11 00-0004	EA	Spare Parts Kit For 1.0 Ton ChlorTainer	15,522.41
46 31 11 00-0005	EA	Pressure Switch For 1.0 Ton ChlorTainer	2,592.45

END OF SECTION 46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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